

logo



|                              |                |      |
|------------------------------|----------------|------|
| PVP01 1015200 Plasmodium     | QTGCRILQRILER  | 676  |
| PY17X 1236900 Plasmodium     | QSKCRTLQKILDK  | 657  |
| PVW1 100039300 Plasmodium    | QTGCRILQRILER  | 664  |
| PRELSG 1013100 Plasmodium    | QTGCRILQRILEK  | 621  |
| YYG 02241 Plasmodium         | QAKCRTLQKILDK  | 643  |
| PVPAM 100021600 Plasmodium   | QTGCRILQRILER  | 665  |
| PfML01 050023600 Plasmodium  | QTGCRILQRILEK  | 866  |
| PVPCR 1203460 Plasmodium     | QAKCRTLQKILDK  | 643  |
| POWCR01 000176800 Plasmodium | QTGCRILQRILEK  | 640  |
| PVLDE 1203630 Plasmodium     | QAKCRTLQKILDK  | 642  |
| PfDd2 050023600 Plasmodium   | QTGCRILQRILEK  | 866  |
| PVVCY 1203440 Plasmodium     | QAKCRTLQKILDK  | 645  |
| PfSD01 050023600 Plasmodium  | QTGCRILQRILEK  | 841  |
| PfGB4 050024600 Plasmodium   | QTGCRILQRILEK  | 857  |
| PocGH01 10022900 Plasmodium  | QTGCRILQRILEK  | 647  |
| PF3D7 0518700 Plasmodium     | QTGCRILQRILEK  | 847  |
| PCHAS 1234100 Plasmodium     | QAKCRTLQKILDK  | 643  |
| PfCD01 050025000 Plasmodium  | QTGCRILQRILEK  | 865  |
| YYE 01676 Plasmodium         | QAKCRTLQKILDK  | 644  |
| Py17XNL 001205224 Plasmodium | QSKCRTLQKILDK  | 657  |
| PPRFG01 0520100 Plasmodium   | QTGCRILQRILEK  | 903  |
| MKS88 003208 Plasmodium      | QMGCRILQRILEK  | 675  |
| PBLACG01 0518400 Plasmodium  | QTGCRILQRILEK  | 943  |
| PGAL8A 00066100 Plasmodium   | QTGCRILQRILEK  | 512  |
| PBANKA 1233500 Plasmodium    | QSKCRTLQKILDK  | 644  |
| PGSY75 0518700 Plasmodium    | QTGCRILQRILEK  | 762  |
| PVX 080310 Plasmodium        | QTGCRILQRILER  | 661  |
| PY04072 Plasmodium           | QSKCRTLQKILDK  | 657  |
| PfKH02 050024200 Plasmodium  | QTGCRILQRILEK  | 866  |
| PBILCG01 0517400 Plasmodium  | QTGCRILQRILEK  | 880  |
| PfNF54 050022900 Plasmodium  | QTGCRILQRILEK  | 847  |
| PADL01 0517700 Plasmodium    | QTGCRILQRILEK  | 782  |
| PfIT 050023900 Plasmodium    | QTGCRILQRILEK  | 877  |
| PfSN01 050023800 Plasmodium  | QTGCRILQRILEK  | 857  |
| PYYM 1236100 Plasmodium      | QSKCRTLQKILDK  | 657  |
| PfKE01 050023100 Plasmodium  | QTGCRILQRILEK  | 849  |
| PmUG01 10025900 Plasmodium   | .....RILEK     | 666  |
| PVL 100017300 Plasmodium     | QTGCRILQRILER  | 659  |
| PfKH01 050024000 Plasmodium  | QTGCRILQRILEK  | 874  |
| PfGA01 050023100 Plasmodium  | QTGCRILQRILEK  | 874  |
| Pf7G8 050023900 Plasmodium   | QTGCRILQRILEK  | 864  |
| PfTG01 050023800 Plasmodium  | QTGCRILQRILEK  | 834  |
| PVBDA 1203570 Plasmodium     | QAKCRTLQKILDK  | 644  |
| PRG01 0518000 Plasmodium     | QTGCRILQRILEK  | 840  |
| PRCDC 0517800 Plasmodium     | QTGCRILQRILEK  | 837  |
| PGABG01 0517700 Plasmodium   | QTGCRILQRILEK  | 763  |
| PfHB3 050023700 Plasmodium   | QTGCRILQRILEK  | 858  |
| PfGN01 050023600 Plasmodium  | QTGCRILQRILEK  | 857  |
| PVSEL 1203130 Plasmodium     | QAKCRTLQKILDK  | 643  |
| TGME49 260600 Toxoplasma     | QIGCRM LQRKLSE | 1115 |
| TGVAND 260600 Toxoplasma     | QIGCRM LQRKLSE | 1191 |
| TGCOUG 260600 Toxoplasma     | QIGCRM LQRKLSE | 1191 |
| TGP89 260600 Toxoplasma      | QIGCRM LQRKLSE | 1191 |
| TGBR9 260600 Toxoplasma      | QIGCRM LQRKLSE | 1191 |
| TGARI 260600 Toxoplasma      | QIGCRM LQRKLSE | 1191 |
| TGCAST 260600 Toxoplasma     | QIGCRM LQRKLSE | 1191 |
| TGRH88 069730 Toxoplasma     | QIGCRM LQRKLSE | 1191 |
| TGRUB 260600 Toxoplasma      | QIGCRM LQRKLSE | 1191 |
| TGVEG 260600 Toxoplasma      | QIGCRM LQRKLSE | 1191 |
| TGPRC2 260600 Toxoplasma     | QIGCRM LQRKLSE | 1191 |
| TGDOM2 260600 Toxoplasma     | QIGCRM LQRKLSE | 1191 |
| TGMAS 260600 Toxoplasma      | QIGCRM LQRKLSE | 1191 |
| TGFOU 260600 Toxoplasma      | QIGCRM LQRKLSE | 1191 |
| TGGT1 260600 Toxoplasma      | QIGCRM LQRKLSE | 1191 |
| Q14671 Homo                  | QHGSRFIQLKLER  | 872  |
| Q8TB72 Homo                  | QHGSRFIQQKLER  | 750  |
| P25822 Drosophila            | QHGSRFIQQKLER  | 1135 |
| P25339 Saccharomyces         | QHGSRF LQKQLDI | 587  |

☐ non-conserved  
☒ ≥ 50% conserved

logo

|                              |                                                 |      |
|------------------------------|-------------------------------------------------|------|
| PVP01 1015200 Plasmodium     | GNYL <b>C</b> QKLMEV                            | 712  |
| PY17X 1236900 Plasmodium     | GNYL <b>C</b> QKL <b>I</b> EV                   | 693  |
| PVW1 100039300 Plasmodium    | GNYL <b>C</b> QKLMEV                            | 700  |
| PRELSG 1013100 Plasmodium    | GNYL <b>C</b> QKLMEV                            | 657  |
| YYG 02241 Plasmodium         | GNYL <b>C</b> QKL <b>I</b> EV                   | 679  |
| PVPAM 100021600 Plasmodium   | GNYL <b>C</b> QKLMEV                            | 701  |
| PfML01 050023600 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 902  |
| PVPCR 1203460 Plasmodium     | GNYL <b>C</b> QKL <b>I</b> EV                   | 679  |
| PQWCR01 000176800 Plasmodium | GNYL <b>C</b> QKLMEV                            | 676  |
| PVLDE 1203630 Plasmodium     | GNYL <b>C</b> QKL <b>I</b> EV                   | 678  |
| PfDd2 050023600 Plasmodium   | GNYL <b>C</b> QKLMEV                            | 902  |
| PVVCY 1203440 Plasmodium     | GNYL <b>C</b> QKL <b>I</b> EV                   | 681  |
| PfSD01 050023600 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 877  |
| PfGB4 050024600 Plasmodium   | GNYL <b>C</b> QKLMEV                            | 893  |
| PocGH01 10022900 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 683  |
| PF3D7 0518700 Plasmodium     | GNYL <b>C</b> QKLMEV                            | 883  |
| PCHAS 1234100 Plasmodium     | GNYL <b>C</b> QKL <b>I</b> EV                   | 679  |
| PfCD01 050025000 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 901  |
| YYE 01676 Plasmodium         | GNYL <b>C</b> QKL <b>I</b> EV                   | 680  |
| Py17XNL 001205224 Plasmodium | GNYL <b>C</b> QKL <b>I</b> EV                   | 693  |
| PPRFG01 0520100 Plasmodium   | GNYL <b>C</b> QKLMEV                            | 939  |
| MKS88 003208 Plasmodium      | GNYL <b>C</b> QKLMEV                            | 711  |
| PBLACG01 0518400 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 979  |
| PGAL8A 00066100 Plasmodium   | GNYL <b>C</b> QKLMEV                            | 548  |
| PBANKA 1233500 Plasmodium    | GNYL <b>C</b> QKL <b>I</b> EV                   | 680  |
| PGSY75 0518700 Plasmodium    | GNYL <b>C</b> QKLMEV                            | 798  |
| PVX 080310 Plasmodium        | GNYL <b>C</b> QKLMEV                            | 697  |
| PY04072 Plasmodium           | GNYL <b>C</b> QKL <b>I</b> EV                   | 693  |
| PfKH02 050024200 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 902  |
| PBILCG01 0517400 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 916  |
| PfNF54 050022900 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 883  |
| PADL01 0517700 Plasmodium    | GNYL <b>C</b> QKLMEV                            | 818  |
| PfIT 050023900 Plasmodium    | GNYL <b>C</b> QKLMEV                            | 913  |
| PfSN01 050023800 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 893  |
| PYYM 1236100 Plasmodium      | GNYL <b>C</b> QKL <b>I</b> EV                   | 693  |
| PfKE01 050023100 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 885  |
| PmUG01 10025900 Plasmodium   | GNYL <b>C</b> QKLMEV                            | 702  |
| PVL 100017300 Plasmodium     | GNYL <b>C</b> QKLMEV                            | 695  |
| PfKH01 050024000 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 910  |
| PfGA01 050023100 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 910  |
| Pf7G8 050023900 Plasmodium   | GNYL <b>C</b> QKLMEV                            | 900  |
| PfTG01 050023800 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 870  |
| PVBDA 1203570 Plasmodium     | GNYL <b>C</b> QKL <b>I</b> EV                   | 680  |
| PRG01 0518000 Plasmodium     | GNYL <b>C</b> QKLMEV                            | 876  |
| PRCDC 0517800 Plasmodium     | GNYL <b>C</b> QKLMEV                            | 873  |
| PGABG01 0517700 Plasmodium   | GNYL <b>C</b> QKLMEV                            | 799  |
| PfHB3 050023700 Plasmodium   | GNYL <b>C</b> QKLMEV                            | 894  |
| PfGN01 050023600 Plasmodium  | GNYL <b>C</b> QKLMEV                            | 893  |
| PVSEL 1203130 Plasmodium     | GNYL <b>C</b> QKL <b>I</b> EV                   | 679  |
| TGME49 260600 Toxoplasma     | GNYL <b>V</b> QK <b>V</b> VEE                   | 1151 |
| TGVAND 260600 Toxoplasma     | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGCOUG 260600 Toxoplasma     | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGP89 260600 Toxoplasma      | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGBR9 260600 Toxoplasma      | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGARI 260600 Toxoplasma      | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGCAST 260600 Toxoplasma     | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGRH88 069730 Toxoplasma     | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGRUB 260600 Toxoplasma      | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGVEG 260600 Toxoplasma      | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGPRC2 260600 Toxoplasma     | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGDOM2 260600 Toxoplasma     | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGMAS 260600 Toxoplasma      | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGFOU 260600 Toxoplasma      | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| TGGT1 260600 Toxoplasma      | GNYL <b>V</b> QK <b>V</b> VEE                   | 1227 |
| Q14671 Homo                  | GN <b>Y</b> VI <b>Q</b> KFF <b>E</b> F          | 908  |
| Q8TB72 Homo                  | GN <b>Y</b> VI <b>Q</b> KFF <b>E</b> F          | 786  |
| P25822 Drosophila            | GN <b>Y</b> VI <b>Q</b> KFF <b>E</b> F          | 1171 |
| P25339 Saccharomyces         | GN <b>Y</b> L <b>I</b> Q <b>K</b> L <b>L</b> EE | 623  |

non-conserved  
 ≥ 50% conserved

logo

GTRTVQKLIEM

|                              |             |      |
|------------------------------|-------------|------|
| PVP01 1015200 Plasmodium     | GTRTVQKLIEM | 748  |
| PY17X 1236900 Plasmodium     | GTRTVQKLIEM | 729  |
| PVW1 100039300 Plasmodium    | GTRTVQKLIEM | 736  |
| PRELSG 1013100 Plasmodium    | GTRTVQKLIEM | 693  |
| YYG 02241 Plasmodium         | GTRTVQKLIEM | 715  |
| PVPAM 100021600 Plasmodium   | GTRTVQKLIEM | 737  |
| PfML01 050023600 Plasmodium  | GTRTVQKLIEM | 938  |
| PVPCR 1203460 Plasmodium     | GTRTVQKLIEM | 715  |
| POWCR01 000176800 Plasmodium | GTRTVQKLIEM | 712  |
| PVLDE 1203630 Plasmodium     | GTRTVQKLIEM | 714  |
| PfDd2 050023600 Plasmodium   | GTRTVQKLIEM | 938  |
| PVVCY 1203440 Plasmodium     | GTRTVQKLIEM | 717  |
| PfSD01 050023600 Plasmodium  | GTRTVQKLIEM | 913  |
| PfGB4 050024600 Plasmodium   | GTRTVQKLIEM | 929  |
| PocGH01 10022900 Plasmodium  | GTRTVQKLIEM | 719  |
| PF3D7 0518700 Plasmodium     | GTRTVQKLIEM | 919  |
| PCHAS 1234100 Plasmodium     | GTRTVQKLIEM | 715  |
| PfCD01 050025000 Plasmodium  | GTRTVQKLIEM | 937  |
| YYE 01676 Plasmodium         | GTRTVQKLIEM | 716  |
| Py17XNL 001205224 Plasmodium | GTRTVQKLIEM | 729  |
| PPRFG01 0520100 Plasmodium   | GTRTVQKLIEM | 975  |
| MKS88 003208 Plasmodium      | GTRTVQKLIEM | 747  |
| PBLACG01 0518400 Plasmodium  | GTRTVQKLIEM | 1015 |
| PGAL8A 00066100 Plasmodium   | GTRTVQKLIEM | 584  |
| PBANKA 1233500 Plasmodium    | GTRTVQKLIEM | 716  |
| PGSY75 0518700 Plasmodium    | GTRTVQKLIEM | 834  |
| PVX 080310 Plasmodium        | GTRTVQKLIEM | 733  |
| PY04072 Plasmodium           | GTRTVQKLIEM | 729  |
| PfKH02 050024200 Plasmodium  | GTRTVQKLIEM | 938  |
| PBILCG01 0517400 Plasmodium  | GTRTVQKLIEM | 952  |
| PfNF54 050022900 Plasmodium  | GTRTVQKLIEM | 919  |
| PADL01 0517700 Plasmodium    | GTRTVQKLIEM | 854  |
| PfIT 050023900 Plasmodium    | GTRTVQKLIEM | 949  |
| PfSN01 050023800 Plasmodium  | GTRTVQKLIEM | 929  |
| PYYM 1236100 Plasmodium      | GTRTVQKLIEM | 729  |
| PfKE01 050023100 Plasmodium  | GTRTVQKLIEM | 921  |
| PmUG01 10025900 Plasmodium   | GTRTVQKLIEM | 738  |
| PVL 100017300 Plasmodium     | GTRTVQKLIEM | 731  |
| PfKH01 050024000 Plasmodium  | GTRTVQKLIEM | 946  |
| PfGA01 050023100 Plasmodium  | GTRTVQKLIEM | 946  |
| Pf7G8 050023900 Plasmodium   | GTRTVQKLIEM | 936  |
| PfTG01 050023800 Plasmodium  | GTRTVQKLIEM | 906  |
| PVBDA 1203570 Plasmodium     | GTRTVQKLIEM | 716  |
| PRG01 0518000 Plasmodium     | GTRTVQKLIEM | 912  |
| PRCDC 0517800 Plasmodium     | GTRTVQKLIEM | 909  |
| PGABG01 0517700 Plasmodium   | GTRTVQKLIEM | 835  |
| PfHB3 050023700 Plasmodium   | GTRTVQKLIEM | 930  |
| PfGN01 050023600 Plasmodium  | GTRTVQKLIEM | 929  |
| PVSEL 1203130 Plasmodium     | GTRTVQKLIEM | 715  |
| TGME49 260600 Toxoplasma     | GTRAVQKLIEV | 1187 |
| TGVAND 260600 Toxoplasma     | GTRAVQKLIEV | 1263 |
| TGCOUG 260600 Toxoplasma     | GTRAVQKLIEV | 1263 |
| TGP89 260600 Toxoplasma      | GTRAVQKLIEV | 1263 |
| TGBR9 260600 Toxoplasma      | GTRAVQKLIEV | 1263 |
| TGARI 260600 Toxoplasma      | GTRAVQKLIEV | 1263 |
| TGCAST 260600 Toxoplasma     | GTRAVQKLIEV | 1263 |
| TGRH88 069730 Toxoplasma     | GTRAVQKLIEV | 1263 |
| TGRUB 260600 Toxoplasma      | GTRAVQKLIEV | 1263 |
| TGVEG 260600 Toxoplasma      | GTRAVQKLIEV | 1263 |
| TGPRC2 260600 Toxoplasma     | GTRAVQKLIEV | 1263 |
| TGDOM2 260600 Toxoplasma     | GTRAVQKLIEV | 1263 |
| TGMAS 260600 Toxoplasma      | GTRAVQKLIEV | 1263 |
| TGFOU 260600 Toxoplasma      | GTRAVQKLIEV | 1263 |
| TGGT1 260600 Toxoplasma      | GTRAVQKLIEV | 1263 |
| Q14671 Homo                  | GCRVIQKALEF | 944  |
| Q8TB72 Homo                  | GCRVIQKALES | 822  |
| P25822 Drosophila            | GCRVIQKALEF | 1207 |
| P25339 Saccharomyces         | GTRALQKLIEC | 659  |

[X] non-conserved

[X] ≥ 50% conserved

logo



|                              |             |      |
|------------------------------|-------------|------|
| PVP01 1015200 Plasmodium     | GNHVVQKCLVS | 785  |
| PY17X 1236900 Plasmodium     | GNHVVQKCLVT | 766  |
| PVW1 100039300 Plasmodium    | GNHVVQKCLVS | 773  |
| PRELSG 1013100 Plasmodium    | GNHVVQKCLIT | 730  |
| YYG 02241 Plasmodium         | GNHVVQKCLVS | 752  |
| PVPAM 100021600 Plasmodium   | GNHVVQKCLVS | 774  |
| PfML01 050023600 Plasmodium  | GNHVVQKCLIT | 975  |
| PVPCR 1203460 Plasmodium     | GNHVVQKCLVS | 752  |
| PQWCR01 000176800 Plasmodium | GNHVIQKCLVT | 749  |
| PVLDE 1203630 Plasmodium     | GNHVVQKCLVS | 751  |
| PfDd2 050023600 Plasmodium   | GNHVVQKCLIT | 975  |
| PVVCY 1203440 Plasmodium     | GNHVVQKCLVS | 754  |
| PfSD01 050023600 Plasmodium  | GNHVVQKCLIT | 950  |
| PfGB4 050024600 Plasmodium   | GNHVVQKCLIT | 966  |
| PocGH01 10022900 Plasmodium  | GNHVIQKCLVT | 756  |
| PF3D7 0518700 Plasmodium     | GNHVVQKCLIT | 956  |
| PCHAS 1234100 Plasmodium     | GNHVVQKCLVS | 752  |
| PfCD01 050025000 Plasmodium  | GNHVVQKCLIT | 974  |
| YYE 01676 Plasmodium         | GNHVVQKCLVS | 753  |
| Py17XNL 001205224 Plasmodium | GNHVVQKCLVT | 766  |
| PPRFG01 0520100 Plasmodium   | GNHVVQKCLIT | 1012 |
| MKS88 003208 Plasmodium      | GNHVVQKCLIT | 784  |
| PBLACG01 0518400 Plasmodium  | GNHVVQKCLIT | 1052 |
| PGAL8A 00066100 Plasmodium   | GNHVVQKCLIT | 621  |
| PBANKA 1233500 Plasmodium    | GNHVVQKCLGT | 753  |
| PGSY75 0518700 Plasmodium    | GNHVVQKCLIT | 871  |
| PVX 080310 Plasmodium        | GNHVVQKCLVS | 770  |
| PY04072 Plasmodium           | GNHVVQKCLVT | 766  |
| PfKH02 050024200 Plasmodium  | GNHVVQKCLIT | 975  |
| PBILCG01 0517400 Plasmodium  | GNHVVQKCLIT | 989  |
| PfNF54 050022900 Plasmodium  | GNHVVQKCLIT | 956  |
| PADL01 0517700 Plasmodium    | GNHVVQKCLIT | 891  |
| PfIT 050023900 Plasmodium    | GNHVVQKCLIT | 986  |
| PfSN01 050023800 Plasmodium  | GNHVVQKCLIT | 966  |
| PYYM 1236100 Plasmodium      | GNHVVQKCLVT | 766  |
| PfKE01 050023100 Plasmodium  | GNHVVQKCLIT | 958  |
| PmUG01 10025900 Plasmodium   | GNHVVQKCLIT | 775  |
| PVL 100017300 Plasmodium     | GNHVVQKCLVS | 772  |
| PfKH01 050024000 Plasmodium  | GNHVVQKCLIT | 983  |
| PfGA01 050023100 Plasmodium  | GNHVVQKCLIT | 983  |
| Pf7G8 050023900 Plasmodium   | GNHVVQKCLIT | 973  |
| PfTG01 050023800 Plasmodium  | GNHVVQKCLIT | 943  |
| PVBDA 1203570 Plasmodium     | GNHVVQKCLVS | 753  |
| PRG01 0518000 Plasmodium     | GNHVVQKCLIT | 949  |
| PRCDC 0517800 Plasmodium     | GNHVVQKCLIT | 946  |
| PGABG01 0517700 Plasmodium   | GNHVVQKCLIT | 872  |
| PfHB3 050023700 Plasmodium   | GNHVVQKCLIT | 967  |
| PfGN01 050023600 Plasmodium  | GNHVVQKCLIT | 966  |
| PVSEL 1203130 Plasmodium     | GNHVVQKCLVS | 752  |
| TGME49 260600 Toxoplasma     | ANHVVQKILSS | 1228 |
| TGVAND 260600 Toxoplasma     | ANHVVQKILSS | 1304 |
| TGCOUG 260600 Toxoplasma     | ANHVVQKILSS | 1304 |
| TGP89 260600 Toxoplasma      | ANHVVQKILSS | 1304 |
| TGBR9 260600 Toxoplasma      | ANHVVQKILSS | 1304 |
| TGARI 260600 Toxoplasma      | ANHVVQKILSS | 1304 |
| TGCAST 260600 Toxoplasma     | ANHVVQKILSS | 1304 |
| TGRH88 069730 Toxoplasma     | ANHVVQKILSS | 1304 |
| TGRUB 260600 Toxoplasma      | ANHVVQKILSS | 1304 |
| TGVEG 260600 Toxoplasma      | ANHVVQKILSS | 1304 |
| TGPRC2 260600 Toxoplasma     | ANHVVQKILSS | 1304 |
| TGDOM2 260600 Toxoplasma     | ANHVVQKILSS | 1304 |
| TGMAS 260600 Toxoplasma      | ANHVVQKILSS | 1304 |
| TGFOU 260600 Toxoplasma      | ANHVVQKILSS | 1304 |
| TGGT1 260600 Toxoplasma      | ANHVVQKILSS | 1304 |
| Q14671 Homo                  | GNHVVQKIEC  | 980  |
| Q8TB72 Homo                  | GNHVVQKIEC  | 860  |
| P25822 Drosophila            | GNHVVQKIEC  | 1243 |
| P25339 Saccharomyces         | GNHVIQKCLQR | 696  |

X non-conserved

X ≥ 50% conserved



logo



|                              |             |      |
|------------------------------|-------------|------|
| PVP01 1015200 Plasmodium     | GCCVIQRCIDS | 821  |
| PY17X 1236900 Plasmodium     | GCCVIQRCIDS | 802  |
| PVW1 100039300 Plasmodium    | GCCVIQRCIDS | 809  |
| PRELSG 1013100 Plasmodium    | GCCVIQRCIDS | 766  |
| YYG 02241 Plasmodium         | GCCVIQRCIDS | 788  |
| PVPAM 100021600 Plasmodium   | GCCVIQRCIDS | 810  |
| PfML01 050023600 Plasmodium  | GCCVIQRCIDS | 1011 |
| PVPCR 1203460 Plasmodium     | GCCVIQRCIDS | 788  |
| PQWCR01 000176800 Plasmodium | GCCVIQRCIDS | 785  |
| PVLDE 1203630 Plasmodium     | GCCVIQRCIDS | 787  |
| PfDd2 050023600 Plasmodium   | GCCVIQRCIDS | 1011 |
| PVVCY 1203440 Plasmodium     | GCCVIQRCIDS | 790  |
| PfSD01 050023600 Plasmodium  | GCCVIQRCIDS | 986  |
| PfGB4 050024600 Plasmodium   | GCCVIQRCIDS | 1002 |
| PocGH01 10022900 Plasmodium  | GCCVIQRCIDS | 792  |
| PF3D7 0518700 Plasmodium     | GCCVIQRCIDS | 992  |
| PCHAS 1234100 Plasmodium     | GCCVIQRCIDS | 788  |
| PfCD01 050025000 Plasmodium  | GCCVIQRCIDS | 1010 |
| YYE 01676 Plasmodium         | GCCVIQRCIDS | 789  |
| Py17XNL 001205224 Plasmodium | GCCVIQRCIDS | 802  |
| PPRFG01 0520100 Plasmodium   | GCCVIQRCIDS | 1048 |
| MKS88 003208 Plasmodium      | GCCVIQRCIDS | 820  |
| PBLACG01 0518400 Plasmodium  | GCCVIQRCIDS | 1088 |
| PGAL8A 00066100 Plasmodium   | GCCVIQRCIDS | 657  |
| PBANKA 1233500 Plasmodium    | GCCVIQRCIDS | 789  |
| PGSY75 0518700 Plasmodium    | GCCVIQRCIDS | 907  |
| PVX 080310 Plasmodium        | GCCVIQRCIDS | 806  |
| PY04072 Plasmodium           | GCCVIQRCIDS | 802  |
| PfKH02 050024200 Plasmodium  | GCCVIQRCIDS | 1011 |
| PBILCG01 0517400 Plasmodium  | GCCVIQRCIDS | 1025 |
| PfNF54 050022900 Plasmodium  | GCCVIQRCIDS | 992  |
| PADL01 0517700 Plasmodium    | GCCVIQRCIDS | 927  |
| PfIT 050023900 Plasmodium    | GCCVIQRCIDS | 1022 |
| PfSN01 050023800 Plasmodium  | GCCVIQRCIDS | 1002 |
| PYYM 1236100 Plasmodium      | GCCVIQRCIDS | 802  |
| PfKE01 050023100 Plasmodium  | GCCVIQRCIDS | 994  |
| PmUG01 10025900 Plasmodium   | GCCVIQRCIDS | 811  |
| PVL 100017300 Plasmodium     | GCCVIQRCIDS | 808  |
| PfKH01 050024000 Plasmodium  | GCCVIQRCIDS | 1019 |
| PfGA01 050023100 Plasmodium  | GCCVIQRCIDS | 1019 |
| Pf7G8 050023900 Plasmodium   | GCCVIQRCIDS | 1009 |
| PfTG01 050023800 Plasmodium  | GCCVIQRCIDS | 979  |
| PVBDA 1203570 Plasmodium     | GCCVIQRCIDS | 789  |
| PRG01 0518000 Plasmodium     | GCCVIQRCIDS | 985  |
| PRCDC 0517800 Plasmodium     | GCCVIQRCIDS | 982  |
| PGABG01 0517700 Plasmodium   | GCCVIQRCIDS | 908  |
| PfHB3 050023700 Plasmodium   | GCCVIQRCIDS | 1003 |
| PfGN01 050023600 Plasmodium  | GCCVIQRCIDS | 1002 |
| PVSEL 1203130 Plasmodium     | GCCVIQRCIDS | 788  |
| TGME49 260600 Toxoplasma     | GCCVMQRCIDA | 1264 |
| TGVAND 260600 Toxoplasma     | GCCVMQRCIDA | 1340 |
| TGCOUG 260600 Toxoplasma     | GCCVMQRCIDA | 1340 |
| TGP89 260600 Toxoplasma      | GCCVMQRCIDA | 1340 |
| TGBR9 260600 Toxoplasma      | GCCVMQRCIDA | 1340 |
| TGARI 260600 Toxoplasma      | GCCVMQRCIDA | 1340 |
| TGCAST 260600 Toxoplasma     | GCCVMQRCIDA | 1340 |
| TGRH88 069730 Toxoplasma     | GCCVMQRCIDA | 1340 |
| TGRUB 260600 Toxoplasma      | GCCVMQRCIDA | 1340 |
| TGVEG 260600 Toxoplasma      | GCCVMQRCIDA | 1340 |
| TGPRC2 260600 Toxoplasma     | GCCVMQRCIDA | 1340 |
| TGDOM2 260600 Toxoplasma     | GCCVMQRCIDA | 1340 |
| TGMAS 260600 Toxoplasma      | GCCVMQRCIDA | 1340 |
| TGFOU 260600 Toxoplasma      | GCCVMQRCIDA | 1340 |
| TGGT1 260600 Toxoplasma      | GCCVMQRCIDA | 1340 |
| Q14671 Homo                  | GCRVIQRILEH | 1016 |
| Q8TB72 Homo                  | GCRVIQRILEH | 896  |
| P25822 Drosophila            | GCRVIQRILEH | 1279 |
| P25339 Saccharomyces         | GCCVLQRCLDH | 732  |

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|                              |             |      |
|------------------------------|-------------|------|
| PVP01 1015200 Plasmodium     | GNYVVQYVLNL | 857  |
| PY17X 1236900 Plasmodium     | GNYVVQYILNM | 838  |
| PVW1 100039300 Plasmodium    | GNYVVQYVLNL | 845  |
| PRELSG 1013100 Plasmodium    | GNYVVQYILNL | 802  |
| YYG 02241 Plasmodium         | GNYVVQYILNM | 824  |
| PVPAM 100021600 Plasmodium   | GNYVVQYVLNL | 846  |
| PfML01 050023600 Plasmodium  | GNYVVQYILNL | 1047 |
| PVPCR 1203460 Plasmodium     | GNYVVQYILNM | 824  |
| PQWCR01 000176800 Plasmodium | GNYVVQYVLNL | 821  |
| PVLDE 1203630 Plasmodium     | GNYVVQYILNM | 823  |
| PfDd2 050023600 Plasmodium   | GNYVVQYILNL | 1047 |
| PVVCY 1203440 Plasmodium     | GNYVVQYILNM | 826  |
| PfSD01 050023600 Plasmodium  | GNYVVQYILNL | 1022 |
| PfGB4 050024600 Plasmodium   | GNYVVQYILNL | 1038 |
| PocGH01 10022900 Plasmodium  | GNYVVQYVLNL | 828  |
| PF3D7 0518700 Plasmodium     | GNYVVQYILNL | 1028 |
| PCHAS 1234100 Plasmodium     | GNYVVQYILNM | 824  |
| PfCD01 050025000 Plasmodium  | GNYVVQYILNL | 1046 |
| YYE 01676 Plasmodium         | GNYVVQYILNM | 825  |
| Py17XNL 001205224 Plasmodium | GNYVVQYILNM | 838  |
| PPRFG01 0520100 Plasmodium   | GNYVVQYILNL | 1084 |
| MKS88 003208 Plasmodium      | GNYVVQYILNL | 856  |
| PBLACG01 0518400 Plasmodium  | GNYVVQYILNL | 1124 |
| PGAL8A 00066100 Plasmodium   | GNYVVQYILNL | 693  |
| PBANKA 1233500 Plasmodium    | GNYVVQYILNM | 825  |
| PGSY75 0518700 Plasmodium    | GNYVVQYILNL | 943  |
| PVX 080310 Plasmodium        | GNYVVQYVLNL | 842  |
| PY04072 Plasmodium           | GNYVVQYILNM | 838  |
| PfKH02 050024200 Plasmodium  | GNYVVQYILNL | 1047 |
| PBILCG01 0517400 Plasmodium  | GNYVVQYILNL | 1061 |
| PfNF54 050022900 Plasmodium  | GNYVVQYILNL | 1028 |
| PADL01 0517700 Plasmodium    | GNYVVQYILNL | 963  |
| PfIT 050023900 Plasmodium    | GNYVVQYILNL | 1058 |
| PfSN01 050023800 Plasmodium  | GNYVVQYILNL | 1038 |
| PYYM 1236100 Plasmodium      | GNYVVQYILNM | 838  |
| PfKE01 050023100 Plasmodium  | GNYVVQYILNL | 1030 |
| PmUG01 10025900 Plasmodium   | GNYVVQYILNL | 847  |
| PVL 100017300 Plasmodium     | GNYVVQYVLNL | 844  |
| PfKH01 050024000 Plasmodium  | GNYVVQYILNL | 1055 |
| PfGA01 050023100 Plasmodium  | GNYVVQYILNL | 1055 |
| Pf7G8 050023900 Plasmodium   | GNYVVQYILNL | 1045 |
| PfTG01 050023800 Plasmodium  | GNYVVQYILNL | 1015 |
| PVBDA 1203570 Plasmodium     | GNYVVQYILNM | 825  |
| PRG01 0518000 Plasmodium     | GNYVVQYILNL | 1021 |
| PRCDC 0517800 Plasmodium     | GNYVVQYILNL | 1018 |
| PGABG01 0517700 Plasmodium   | GNYVVQYILNL | 944  |
| PfHB3 050023700 Plasmodium   | GNYVVQYILNL | 1039 |
| PfGN01 050023600 Plasmodium  | GNYVVQYILNL | 1038 |
| PVSEL 1203130 Plasmodium     | GNYVVQYILNM | 824  |
| TGME49 260600 Toxoplasma     | GNYVVQCVLDL | 1300 |
| TGVAND 260600 Toxoplasma     | GNYVVQCVLDL | 1376 |
| TGCOUG 260600 Toxoplasma     | GNYVVQCVLDL | 1376 |
| TGP89 260600 Toxoplasma      | GNYVVQCVLDL | 1376 |
| TGBR9 260600 Toxoplasma      | GNYVVQCVLDL | 1376 |
| TGARI 260600 Toxoplasma      | GNYVVQCVLDL | 1376 |
| TGCAST 260600 Toxoplasma     | GNYVVQCVLDL | 1376 |
| TGRH88 069730 Toxoplasma     | GNYVVQCVLDL | 1376 |
| TGRUB 260600 Toxoplasma      | GNYVVQCVLDL | 1376 |
| TGVEG 260600 Toxoplasma      | GNYVVQCVLDL | 1376 |
| TGPRC2 260600 Toxoplasma     | GNYVVQCVLDL | 1376 |
| TGDOM2 260600 Toxoplasma     | GNYVVQCVLDL | 1376 |
| TGMAS 260600 Toxoplasma      | GNYVVQCVLDL | 1376 |
| TGFOU 260600 Toxoplasma      | GNYVVQCVLDL | 1376 |
| TGGT1 260600 Toxoplasma      | GNYVVQCVLDL | 1376 |
| Q14671 Homo                  | GNYVIQHVLEH | 1052 |
| Q8TB72 Homo                  | GNYVIQHVLEH | 932  |
| P25822 Drosophila            | GNYVIQHVLEH | 1315 |
| P25339 Saccharomyces         | GNYVVQYIITK | 768  |

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|                              |             |      |
|------------------------------|-------------|------|
| PVP01 1015200 Plasmodium     | ASNVVEKCLTI | 893  |
| PY17X 1236900 Plasmodium     | SSNVIEKCLII | 874  |
| PVW1 100039300 Plasmodium    | ASNVVEKCLTI | 881  |
| PRELSG 1013100 Plasmodium    | SSNVVEKCLII | 838  |
| YYG 02241 Plasmodium         | SSNVIEKCLTI | 860  |
| PVPAM 100021600 Plasmodium   | ASNVVEKCLTI | 882  |
| PfML01 050023600 Plasmodium  | SSNVVEKCLII | 1083 |
| PVPCR 1203460 Plasmodium     | SSNVIEKCLTI | 860  |
| PQWCR01 000176800 Plasmodium | SSNVVEKCLII | 857  |
| PVLDE 1203630 Plasmodium     | SSNVIEKCLTI | 859  |
| PfDd2 050023600 Plasmodium   | SSNVVEKCLII | 1083 |
| PVVCY 1203440 Plasmodium     | SSNVIEKCLTI | 862  |
| PfSD01 050023600 Plasmodium  | SSNVVEKCLII | 1058 |
| PfGB4 050024600 Plasmodium   | SSNVVEKCLII | 1074 |
| PocGH01 10022900 Plasmodium  | SSNVVEKCLII | 864  |
| PF3D7 0518700 Plasmodium     | SSNVVEKCLII | 1064 |
| PCHAS 1234100 Plasmodium     | SSNVIEKCLTI | 860  |
| PfCD01 050025000 Plasmodium  | SSNVVEKCLII | 1082 |
| YYE 01676 Plasmodium         | SSNVIEKCLTI | 861  |
| Py17XNL 001205224 Plasmodium | SSNVIEKCLII | 874  |
| PPRFG01 0520100 Plasmodium   | SSNVVEKCLII | 1120 |
| MKS88 003208 Plasmodium      | SSNVVEKCLIN | 892  |
| PBLACG01 0518400 Plasmodium  | SSNVVEKCLII | 1160 |
| PGAL8A 00066100 Plasmodium   | SSNVVEKCLII | 729  |
| PBANKA 1233500 Plasmodium    | SSNVIEKCLII | 861  |
| PGSY75 0518700 Plasmodium    | SSNVVEKCLII | 979  |
| PVX 080310 Plasmodium        | ASNVVEKCLTI | 878  |
| PY04072 Plasmodium           | SSNVIEKCLII | 874  |
| PfKH02 050024200 Plasmodium  | SSNVVEKCLII | 1083 |
| PBILCG01 0517400 Plasmodium  | SSNVVEKCLII | 1097 |
| PfNF54 050022900 Plasmodium  | SSNVVEKCLII | 1064 |
| PADL01 0517700 Plasmodium    | SSNVVEKCLII | 999  |
| PfIT 050023900 Plasmodium    | SSNVVEKCLII | 1094 |
| PfSN01 050023800 Plasmodium  | SSNVVEKCLII | 1074 |
| PYYM 1236100 Plasmodium      | SSNVIEKCLII | 874  |
| PfKE01 050023100 Plasmodium  | SSNVVEKCLII | 1066 |
| PmUG01 10025900 Plasmodium   | SSNVVEKCLIN | 883  |
| PVL 100017300 Plasmodium     | ASNVVEKCLTI | 880  |
| PfKH01 050024000 Plasmodium  | SSNVVEKCLII | 1091 |
| PfGA01 050023100 Plasmodium  | SSNVVEKCLII | 1091 |
| Pf7G8 050023900 Plasmodium   | SSNVVEKCLII | 1081 |
| PfTG01 050023800 Plasmodium  | SSNVVEKCLII | 1051 |
| PVBDA 1203570 Plasmodium     | SSNVIEKCLTI | 861  |
| PRG01 0518000 Plasmodium     | SSNVVEKCLII | 1057 |
| PRCDC 0517800 Plasmodium     | SSNVVEKCLII | 1054 |
| PGABG01 0517700 Plasmodium   | SSNVVEKCLII | 980  |
| PfHB3 050023700 Plasmodium   | SSNVVEKCLII | 1075 |
| PfGN01 050023600 Plasmodium  | SSNVVEKCLII | 1074 |
| PVSEL 1203130 Plasmodium     | SSNVIEKCLTI | 860  |
| TGME49 260600 Toxoplasma     | SSNVVEKCLVL | 1336 |
| TGVAND 260600 Toxoplasma     | SSNVVEKCLVL | 1412 |
| TGCOUG 260600 Toxoplasma     | SSNVVEKCLVL | 1412 |
| TGP89 260600 Toxoplasma      | SSNVVEKCLVL | 1412 |
| TGBR9 260600 Toxoplasma      | SSNVVEKCLVL | 1412 |
| TGARI 260600 Toxoplasma      | SSNVVEKCLVL | 1412 |
| TGCAST 260600 Toxoplasma     | SSNVVEKCLVL | 1412 |
| TGRH88 069730 Toxoplasma     | SSNVVEKCLVL | 1412 |
| TGRUB 260600 Toxoplasma      | SSNVVEKCLVL | 1412 |
| TGVEG 260600 Toxoplasma      | SSNVVEKCLVL | 1412 |
| TGPRC2 260600 Toxoplasma     | SSNVVEKCLVL | 1412 |
| TGDOM2 260600 Toxoplasma     | SSNVVEKCLVL | 1412 |
| TGMAS 260600 Toxoplasma      | SSNVVEKCLVL | 1412 |
| TGFOU 260600 Toxoplasma      | SSNVVEKCLVL | 1412 |
| TGGT1 260600 Toxoplasma      | SSNVVEKCLVL | 1412 |
| Q14671 Homo                  | ASNVVEKCVTH | 1088 |
| Q8TB72 Homo                  | ASNVVEKCVTH | 968  |
| P25822 Drosophila            | ASNVVEKCVTH | 1351 |
| P25339 Saccharomyces         | GSNVIEKILKT | 808  |

X non-conserved

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|                              |             |      |
|------------------------------|-------------|------|
| PVP01 1015200 Plasmodium     | GNYVIQRALSV | 933  |
| PY17X 1236900 Plasmodium     | GNYVIQRALSV | 914  |
| PVW1 100039300 Plasmodium    | GNYVIQRALSV | 921  |
| PRELSG 1013100 Plasmodium    | GNYVIQRALSV | 878  |
| YYG 02241 Plasmodium         | GNYVIQRALSV | 900  |
| PVPAM 100021600 Plasmodium   | GNYVIQRALSV | 922  |
| PfML01 050023600 Plasmodium  | GNYVIQRALSV | 1123 |
| PVPCR 1203460 Plasmodium     | GNYVIQRALSV | 900  |
| PQWCR01 000176800 Plasmodium | GNYVQRALSV  | 897  |
| PVLDE 1203630 Plasmodium     | GNYVIQRALSV | 899  |
| PfDd2 050023600 Plasmodium   | GNYVIQRALSV | 1123 |
| PVVCY 1203440 Plasmodium     | GNYVIQRALSV | 902  |
| PfSD01 050023600 Plasmodium  | GNYVIQRALSV | 1098 |
| PfGB4 050024600 Plasmodium   | GNYVIQRALSV | 1114 |
| PocGH01 10022900 Plasmodium  | GNYVQRALSV  | 904  |
| PF3D7 0518700 Plasmodium     | GNYVIQRALSV | 1104 |
| PCHAS 1234100 Plasmodium     | GNYVIQRALSV | 900  |
| PfCD01 050025000 Plasmodium  | GNYVIQRALSV | 1122 |
| YYE 01676 Plasmodium         | GNYVIQRALSV | 901  |
| Py17XNL 001205224 Plasmodium | GNYVIQRALSV | 914  |
| PPRFG01 0520100 Plasmodium   | GNYVIQRALSV | 1160 |
| MKS88 003208 Plasmodium      | GNYVIQRALSV | 932  |
| PBLACG01 0518400 Plasmodium  | GNYVIQRALSV | 1200 |
| PGAL8A 00066100 Plasmodium   | GNYVIQRALSV | 769  |
| PBANKA 1233500 Plasmodium    | GNYVIQRALSV | 901  |
| PGSY75 0518700 Plasmodium    | GNYVIQRALSV | 1019 |
| PVX 080310 Plasmodium        | GNYVIQRALSV | 918  |
| PY04072 Plasmodium           | GNYVIQRALSV | 914  |
| PfKH02 050024200 Plasmodium  | GNYVIQRALSV | 1123 |
| PBILCG01 0517400 Plasmodium  | GNYVIQRALSV | 1137 |
| PfNF54 050022900 Plasmodium  | GNYVIQRALSV | 1104 |
| PADL01 0517700 Plasmodium    | GNYVIQRALSV | 1039 |
| PfIT 050023900 Plasmodium    | GNYVIQRALSV | 1134 |
| PfSN01 050023800 Plasmodium  | GNYVIQRALSV | 1114 |
| PYYM 1236100 Plasmodium      | GNYVIQRALSV | 914  |
| PfKE01 050023100 Plasmodium  | GNYVIQRALSV | 1106 |
| PmUG01 10025900 Plasmodium   | GNYVIQRALSV | 923  |
| PVL 100017300 Plasmodium     | GNYVIQRALSV | 920  |
| PfKH01 050024000 Plasmodium  | GNYVIQRALSV | 1131 |
| PfGA01 050023100 Plasmodium  | GNYVIQRALSV | 1131 |
| Pf7G8 050023900 Plasmodium   | GNYVIQRALSV | 1121 |
| PfTG01 050023800 Plasmodium  | GNYVIQRALSV | 1091 |
| PVBDA 1203570 Plasmodium     | GNYVIQRALSV | 901  |
| PRG01 0518000 Plasmodium     | GNYVIQRALSV | 1097 |
| PRCDC 0517800 Plasmodium     | GNYVIQRALSV | 1094 |
| PGABG01 0517700 Plasmodium   | GNYVIQRALSV | 1020 |
| PfHB3 050023700 Plasmodium   | GNYVIQRALSV | 1115 |
| PfGN01 050023600 Plasmodium  | GNYVIQRALSV | 1114 |
| PVSEL 1203130 Plasmodium     | GNYVIQRALSV | 900  |
| TGME49 260600 Toxoplasma     | ANYVIQRALTV | 1375 |
| TGVAND 260600 Toxoplasma     | ANYVIQRALTV | 1451 |
| TGCOUG 260600 Toxoplasma     | ANYVIQRALTV | 1451 |
| TGP89 260600 Toxoplasma      | ANYVIQRALTV | 1451 |
| TGBR9 260600 Toxoplasma      | ANYVIQRALTV | 1451 |
| TGARI 260600 Toxoplasma      | ANYVIQRALTV | 1451 |
| TGCAST 260600 Toxoplasma     | ANYVIQRALTV | 1451 |
| TGRH88 069730 Toxoplasma     | ANYVIQRALTV | 1451 |
| TGRUB 260600 Toxoplasma      | ANYVIQRALTV | 1451 |
| TGVEG 260600 Toxoplasma      | ANYVIQRALTV | 1451 |
| TGPRC2 260600 Toxoplasma     | ANYVIQRALTV | 1451 |
| TGDOM2 260600 Toxoplasma     | ANYVIQRALTV | 1451 |
| TGMAS 260600 Toxoplasma      | ANYVIQRALTV | 1451 |
| TGFOU 260600 Toxoplasma      | ANYVIQRALTV | 1451 |
| TGGT1 260600 Toxoplasma      | ANYVIQRALTV | 1451 |
| Q14671 Homo                  | ANYVQKMDV   | 1131 |
| Q8TB72 Homo                  | ANYVQKMDM   | 1011 |
| P25822 Drosophila            | ANYVQKMDV   | 1391 |
| P25339 Saccharomyces         | GNYVLQTALDI | 847  |

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