

Table S1: Sequencing and enzymatic conversion quality metrics of EM-seq

Species	Stage	Biological Replicate	No. sequenced read pairs	No. uniquely mapped, deduplicated, filtered reads	No. CpG sites covered	lambda mCG %	pUC19 mCG %
<i>Sminthopsis crassicaudata</i>	Embryonic day 10	1	226972788	166239815	12775139	1.29358	99.6126
<i>Sminthopsis crassicaudata</i>	Embryonic day 10	2	371123388	234946798	13129424	2.25166	99.5719
<i>Sminthopsis crassicaudata</i>	Embryonic day 12	1	329357638	212716065	12970164	2.20788	99.4899
<i>Sminthopsis crassicaudata</i>	Embryonic day 12	2	264156362	194850676	12806537	1.77741	99.4461
<i>Sminthopsis crassicaudata</i>	Embryonic day 13	1	296989914	198430131	12792757	2.10201	99.5613
<i>Sminthopsis crassicaudata</i>	Embryonic day 13	2	254278871	257090954	13511290	0.145873	99.5252
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	1	304190878	236812865	13586934	0.158925	99.6373
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	2	320666647	265446397	13567360	0.149059	99.5675
<i>Sminthopsis crassicaudata</i>	Adult liver	1	314737510	166882962	12379252	2.77857	99.6828
<i>Sminthopsis crassicaudata</i>	Adult liver	2	323641627	195757041	13161126	1.7048	99.7123
<i>Sminthopsis crassicaudata</i>	Adult sperm	1	373266224	323856529	12762512	0.813879	99.62
<i>Sminthopsis crassicaudata</i>	Adult sperm	2	432424407	423389243	13019842	0.304982	99.613

Table S2: Average CpG methylation levels across the genome at various developmental stages in fat-tailed dunnart, opossum, mouse, and monkey embryos

Species	Sample	Mean global mCG	Standard error of the mean	Citation
<i>Sminthopsis crassicaudata</i>	sperm	0.734831608	8.37E-05	This study
<i>Sminthopsis crassicaudata</i>	E9	0.334928104	7.18E-05	This study
<i>Sminthopsis crassicaudata</i>	E9 embryonic disk	0.6070184	7.77E-05	This study
<i>Sminthopsis crassicaudata</i>	E9 trophectoderm	0.2324198	5.56E-05	This study
<i>Sminthopsis crassicaudata</i>	E10	0.334741337	7.38E-05	This study
<i>Sminthopsis crassicaudata</i>	E12	0.710691554	8.38E-05	This study
<i>Sminthopsis crassicaudata</i>	E13	0.689565367	8.38E-05	This study
<i>Sminthopsis crassicaudata</i>	liver	0.634669898	9.50E-05	This study
<i>Monodelphis domestica</i>	E1.5	0.683879442	4.74E-01	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	E2.5	0.735724831	5.26E-01	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	E3.5	0.719419812	4.03E-01	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	E4.5	0.696935074	3.96E-01	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	E5.5	0.483708316	2.46E-02	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	E6.5	0.442976885	1.20E-02	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	E7.5 embryonic disk	0.602242476	1.80E-02	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	E7.5 trophectoderm	0.463536395	1.44E-02	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	E7.5	0.484200666	1.17E-02	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	liver	0.640648055	1.63E-02	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	oocyte	0.731512529	1.10E+00	Leeke et al Nature 2025 PMID: 40369084
<i>Monodelphis domestica</i>	sperm	0.81777948	1.03E+00	Leeke et al Nature 2025 PMID: 40369084
<i>Mus musculus</i>	oocyte	0.579582192	8.48E-05	Wang et al Cell 2014 PMID: 24813617
<i>Mus musculus</i>	sperm	0.841905718	7.57E-05	Wang et al Cell 2014 PMID: 24813617
<i>Mus musculus</i>	2-cell	0.489510344	7.03E-05	Wang et al Cell 2014 PMID: 24813617
<i>Mus musculus</i>	4-cell	0.428133305	7.83E-05	Wang et al Cell 2014 PMID: 24813617
<i>Mus musculus</i>	ICM	0.22506507	5.60E-05	Wang et al Cell 2014 PMID: 24813617

<i>Mus musculus</i>	trophectoderm	0.180171538	4.58E-05 Smith et al Nature 2017 PMID: 28959968
<i>Mus musculus</i>	E3.5	0.209770804	6.78E-05 Wang et al Cell 2014 PMID: 24813617
<i>Mus musculus</i>	E6.5	0.634235223	5.83E-05 Wang et al Cell 2014 PMID: 24813617
<i>Mus musculus</i>	E7.5	0.761776318	5.74E-05 Wang et al Cell 2014 PMID: 24813617
<i>Mus musculus</i>	liver	0.763219718	6.89E-05 Zhang et al eLife 2020 PMID: 32223889
<i>Macaca mulatta</i>	sperm	0.633618337	2.60E-04 Gao et al Cell Res 2017 PMID: 28233770
<i>Macaca mulatta</i>	oocyte	0.533004664	4.06E-04 Gao et al Cell Res 2017 PMID: 28233770
<i>Macaca mulatta</i>	zygote	0.457734663	3.92E-04 Gao et al Cell Res 2017 PMID: 28233770
<i>Macaca mulatta</i>	2-cell	0.421888788	3.57E-04 Gao et al Cell Res 2017 PMID: 28233770
<i>Macaca mulatta</i>	8-cell	0.471134039	3.88E-04 Gao et al Cell Res 2017 PMID: 28233770
<i>Macaca mulatta</i>	morula	0.410842801	2.63E-04 Gao et al Cell Res 2017 PMID: 28233770
<i>Macaca mulatta</i>	ICM	0.450306389	3.70E-04 Gao et al Cell Res 2017 PMID: 28233770
<i>Macaca mulatta</i>	prefrontal cortex	0.797393424	2.30E-04 Mendizabal et al Mol Biol Evol 2016 PMID: 275631

Table S3: Sequencing quality metrics of scBS-seq

Species	Stage	Plate / Well	No. sequenced read pairs	No. uniquely mapped, deduplicated reads	no. CpG sites covered	CpG sites covered (%)	PASS/ FAIL
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-A01	26788560	3479250	1963629	12.70%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-A02	23976263	5624954	2870939	18.57%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-A03	24721997	8982163	4871254	31.51%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-A05	22590470	8019421	4309926	27.88%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-A06	23018971	6589829	3758686	24.31%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-A09	29238153	11029619	5953096	38.51%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-A11	26757261	6579602	3537017	22.88%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-A12	23189042	7426069	4450296	28.79%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-B01	78307	46003	66023	0.43%	FAIL
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-B02	21623556	6298907	3874439	25.06%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-B03	23863796	5685742	2966801	19.19%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-B04	20646707	5776987	3192258	20.65%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-B05	21105848	4083521	2129080	13.77%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-B07	28203012	9419462	4765783	30.83%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-B12	31611554	8497112	4584757	29.66%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-C01	25537976	5304953	2777576	17.97%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-C04	20690948	5401278	3131160	20.25%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-C05	24977824	6600330	3657860	23.66%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-C07	28418963	5346790	2628893	17.00%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-C08	19261758	4836048	2792253	18.06%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-C09	31486978	10045337	5287125	34.20%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-C11	27463209	8518995	4526299	29.28%	PASS

<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-C12	32041838	10863131	5625222	36.39%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-D01	30080710	5994685	3238339	20.95%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-D03	29019114	7788051	4202370	27.18%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-D05	30827389	6463075	3157042	20.42%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-D06	25469975	7875991	4459812	28.85%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-D07	32469503	7329003	3698910	23.93%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-D08	20859360	5516762	3427312	22.17%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-D09	31817800	10204090	5399047	34.92%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P3-D10	23858130	7192766	4130531	26.72%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-A03	27213918	7703324	4227010	27.34%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-A04	25979548	9572602	5665174	36.64%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-A05	29780471	6303092	3247112	21.00%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-A07	26942463	5794781	3053320	19.75%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-A08	23747148	3446963	2296872	14.86%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-A09	27366706	5962356	3161178	20.45%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-B01	33964398	7772685	4476827	28.96%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-B02	28149632	5073206	2801544	18.12%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-B03	20870016	8239248	5025746	32.51%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-B04	26448760	9820712	5402797	34.95%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-B05	27246422	8401774	4761958	30.80%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-B07	17344881	8073925	4747709	30.71%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-B08	16291856	7999564	5000371	32.34%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-B10	18126831	5199593	3076540	19.90%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-B12	20625202	4932420	2839599	18.37%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-C01	29697205	8283452	5026566	32.51%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-C02	22165585	6092410	3695397	23.90%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-C03	20825937	6641331	3960596	25.62%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-C04	19198593	6988440	4058428	26.25%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-C06	18818489	3590252	1711806	11.07%	PASS

<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-C12	22051072	8487150	4783122	30.94%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-D02	29831392	8704308	5074956	32.83%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-D04	20702477	9414194	5393610	34.89%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-D05	21845778	4111448	2142678	13.86%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-D06	24026153	8346281	5008932	32.40%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-D07	18919372	8606061	5225529	33.80%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-D08	20887767	9102811	5247326	33.94%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P4-D09	21648216	7491516	4453054	28.80%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-A01	36342148	7211447	3916169	25.33%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-A02	25718160	7600590	4366786	28.25%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-A04	25713057	9975057	5467563	35.37%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-A05	21716169	8056132	4524679	29.27%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-A06	22340710	6507018	3661459	23.68%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-A09	21584056	5532393	3016142	19.51%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-A11	21693984	7169168	4240708	27.43%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-A12	22196787	4358651	2372162	15.34%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-B01	35297138	7415509	4206783	27.21%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-B03	17487397	8179210	4884650	31.60%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-B04	14612184	6066712	4145877	26.82%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-B08	16457601	6899406	4174561	27.00%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-B09	23070839	7380477	4158035	26.90%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-B10	21888055	7511413	4324655	27.97%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-C01	31309293	9611607	5636657	36.46%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-C04	22740653	7457579	4497532	29.09%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-C05	27329521	6288196	3256961	21.07%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-C07	23627889	6982537	3995121	25.84%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-C08	21281518	6671646	3746257	24.23%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-C09	20537379	5339864	2890882	18.70%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-C10	21159294	6831064	3880675	25.10%	PASS

<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-C11	26857376	6000630	3168201	20.49%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-D01	35280105	8487867	5443412	35.21%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-D04	25176035	8079990	4653184	30.10%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-D05	24612988	6831551	3963834	25.64%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-D06	26147830	8213106	4623488	29.91%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-D07	16305836	7682821	4781243	30.93%	PASS
<i>Sminthopsis crassicaudata</i>	Embryonic day 9	P5-D09	29643790	6243140	2932819	18.97%	PASS

Table S4: Blastn alignment results comparing lncRNA Rsx sequences from fat-tailed dunnart and koala

query	subject	% identity	alignm	match	gap	q. start	q.end	s. start	s. end	e-value	bit	
			ent	atche	open						score	
			length	s	s							
dunnart_Rsx_spliced	Koala_Rsx	65.044	7435	1546	290	1009	7925	1706	8605	0	1333	
dunnart_Rsx_spliced	Koala_Rsx	64.623	7471	1505	300	1028	7935	1575	8470	0	1232	
dunnart_Rsx_spliced	Koala_Rsx	64.781	7513	1509	318	1013	7929	1453	8424	0	1212	
dunnart_Rsx_spliced	Koala_Rsx	64.867	7503	1539	320	1009	7935	2264	9245	0	1194	
dunnart_Rsx_spliced	Koala_Rsx	64.879	7383	1559	303	1009	7903	3463	10299	0	1191	
dunnart_Rsx_spliced	Koala_Rsx	64.618	7419	1559	293	1009	7917	1941	8803	0	1186	
dunnart_Rsx_spliced	Koala_Rsx	64.813	7230	1478	305	1003	7691	2568	9272	0	1156	
dunnart_Rsx_spliced	Koala_Rsx	64.571	7220	1503	286	1041	7725	2573	9272	0	1150	
dunnart_Rsx_spliced	Koala_Rsx	64.543	7079	1459	280	1009	7589	2747	9272	0	1136	
dunnart_Rsx_spliced	Koala_Rsx	64.625	7070	1479	281	1009	7544	3017	9598	0	1130	
dunnart_Rsx_spliced	Koala_Rsx	64.824	6621	1349	270	1816	7929	1409	7556	0	1107	
dunnart_Rsx_spliced	Koala_Rsx	64.092	7249	1435	288	1283	7929	1369	8051	0	1093	
dunnart_Rsx_spliced	Koala_Rsx	64.897	6575	1335	275	1728	7827	1480	7556	0	1090	
dunnart_Rsx_spliced	Koala_Rsx	64.306	7018	1447	273	1009	7563	2911	9333	0	1086	
dunnart_Rsx_spliced	Koala_Rsx	64.843	6983	1437	302	1036	7502	3819	10299	0	1082	
dunnart_Rsx_spliced	Koala_Rsx	64.893	6278	1287	251	2127	7924	1401	7241	0	1081	
dunnart_Rsx_spliced	Koala_Rsx	64.485	7180	1497	293	1041	7699	3652	10299	0	1081	
dunnart_Rsx_spliced	Koala_Rsx	64.448	6354	1283	244	2011	7929	1368	7180	0	1055	
dunnart_Rsx_spliced	Koala_Rsx	64.67	6462	1343	258	1963	7956	1401	7390	0	1046	
dunnart_Rsx_spliced	Koala_Rsx	64.234	7535	1576	311	1009	7929	3982	11011	0	1046	
dunnart_Rsx_spliced	Koala_Rsx	63.906	7389	1504	306	1009	7759	4308	11171	0	971	
dunnart_Rsx_spliced	Koala_Rsx	65.119	5470	1142	220	2818	7929	1401	6462	0	962	
dunnart_Rsx_spliced	Koala_Rsx	63.967	6211	1230	235	2168	7942	1401	7039	0	961	
dunnart_Rsx_spliced	Koala_Rsx	65.08	5209	1083	216	3110	7929	1409	6270	0	884	
dunnart_Rsx_spliced	Koala_Rsx	64.155	7047	1445	314	1009	7532	5280	11768	0	880	
dunnart_Rsx_spliced	Koala_Rsx	63.735	7448	1564	312	1009	7927	4803	11642	0	874	

dunnart_Rsx_spliced	Koala_Rsx	64.489	5542	1090	234	2569	7765	1367	6375	0	859
dunnart_Rsx_spliced	Koala_Rsx	65.212	4332	884	169	1015	4967	6083	10170	0	819
dunnart_Rsx_spliced	Koala_Rsx	64.09	7193	1488	332	1003	7587	5840	12545	0	818
dunnart_Rsx_spliced	Koala_Rsx	63.811	7074	1482	309	1015	7621	5180	11642	0	795
dunnart_Rsx_spliced	Koala_Rsx	63.945	6981	1412	326	1265	7621	5847	12346	0	769
dunnart_Rsx_spliced	Koala_Rsx	64.882	4502	929	180	3723	7927	1405	5551	0	768
dunnart_Rsx_spliced	Koala_Rsx	64.53	4539	919	182	3296	7621	1491	5551	0	730
dunnart_Rsx_spliced	Koala_Rsx	64.867	4278	913	172	3948	7930	1367	5349	0	696
dunnart_Rsx_spliced	Koala_Rsx	65.249	4256	878	191	1009	4967	7098	11049	0	689
dunnart_Rsx_spliced	Koala_Rsx	64.854	4211	867	181	1015	4935	6939	10826	0	659
dunnart_Rsx_spliced	Koala_Rsx	64.825	4162	854	177	1003	4935	6696	10476	0	658
dunnart_Rsx_spliced	Koala_Rsx	64.782	3961	840	159	4274	7930	1567	5276	0	638
dunnart_Rsx_spliced	Koala_Rsx	63.51	6991	1483	321	1009	7425	6564	13060	9.23E-180	623
dunnart_Rsx_spliced	Koala_Rsx	64.559	4255	877	183	1009	4969	6374	10291	1.12E-178	619
dunnart_Rsx_spliced	Koala_Rsx	73.668	957	182	21	72	981	25	958	3.23E-160	559
dunnart_Rsx_spliced	Koala_Rsx	64.823	3417	713	139	4384	7555	1368	4540	3.23E-160	558
dunnart_Rsx_spliced	Koala_Rsx	64.854	2979	613	109	5113	7924	1472	4183	1.37E-158	553
dunnart_Rsx_spliced	Koala_Rsx	63.602	7091	1501	349	1001	7561	7373	13913	1.37E-158	553
dunnart_Rsx_spliced	Koala_Rsx	64.101	4131	882	168	4137	7942	1367	5221	1.67E-157	549
dunnart_Rsx_spliced	Koala_Rsx	64.832	3398	693	147	4410	7589	1367	4480	4.48E-152	531
dunnart_Rsx_spliced	Koala_Rsx	64.461	3309	682	129	4782	7929	1401	4376	1.56E-151	530
dunnart_Rsx_spliced	Koala_Rsx	64.548	3382	680	142	4547	7757	1367	4400	2.32E-149	522
dunnart_Rsx_spliced	Koala_Rsx	64.101	4223	866	191	1013	4969	7333	11171	1.79E-144	507
dunnart_Rsx_spliced	Koala_Rsx	66.888	1957	440	74	6065	7942	1408	3235	1.91E-131	462
dunnart_Rsx_spliced	Koala_Rsx	66.21	2116	418	89	5781	7791	1409	3332	2.32E-130	460
dunnart_Rsx_spliced	Koala_Rsx	64.383	3956	834	192	1309	4969	8089	11764	2.65E-123	435
dunnart_Rsx_spliced	Koala_Rsx	64.741	2700	571	109	5372	7929	1491	3951	1.13E-121	430
dunnart_Rsx_spliced	Koala_Rsx	64.609	2721	552	115	5442	7942	1401	3930	7.12E-118	418
dunnart_Rsx_spliced	Koala_Rsx	64.044	4105	872	195	1257	4969	8129	12021	8.67E-117	415

dunnart_Rsx_spliced	Koala_Rsx	65.594	1988	410	76	6031	7893	1494	3332	1.29E-114	407
dunnart_Rsx_spliced	Koala_Rsx	64.966	2666	543	121	1009	3458	7722	10212	4.49E-114	405
dunnart_Rsx_spliced	Koala_Rsx	63.829	4252	885	204	1034	4969	7602	11516	1.57E-113	404
dunnart_Rsx_spliced	Koala_Rsx	64.597	2689	556	118	1010	3457	7631	10164	1.47E-107	383
dunnart_Rsx_spliced	Koala_Rsx	65.918	1960	428	80	6065	7929	1494	3308	1.79E-106	379
dunnart_Rsx_spliced	Koala_Rsx	66.152	1554	318	56	6527	7929	1457	2953	1.13E-102	367
dunnart_Rsx_spliced	Koala_Rsx	64.951	1632	294	56	12955	14520	21803	23222	1.37E-101	363
dunnart_Rsx_spliced	Koala_Rsx	65.582	1598	349	55	6428	7929	1567	3059	1.91E-93	336
dunnart_Rsx_spliced	Koala_Rsx	65.074	1758	352	68	6291	7930	1367	2980	2.33E-92	333
dunnart_Rsx_spliced	Koala_Rsx	64.98	2036	412	88	5728	7543	1394	3348	2.33E-92	333
dunnart_Rsx_spliced	Koala_Rsx	64.933	1192	150	40	11834	12842	22116	23222	9.90E-91	327
dunnart_Rsx_spliced	Koala_Rsx	72.397	605	111	15	11374	11960	21265	21831	4.21E-89	322
dunnart_Rsx_spliced	Koala_Rsx	65.833	1080	181	33	12460	13500	22292	23222	3.24E-84	306
dunnart_Rsx_spliced	Koala_Rsx	64.936	1483	321	48	6497	7929	1402	2735	2.04E-80	294
dunnart_Rsx_spliced	Koala_Rsx	63.648	3202	659	153	1010	3905	8169	11171	2.04E-80	293
dunnart_Rsx_spliced	Koala_Rsx	65.388	1173	203	40	13427	14458	21803	22913	8.68E-79	288
dunnart_Rsx_spliced	Koala_Rsx	66.803	976	178	32	13613	14560	21803	22660	8.68E-79	288
dunnart_Rsx_spliced	Koala_Rsx	67.092	863	148	26	13320	14165	22479	23222	3.69E-77	282
dunnart_Rsx_spliced	Koala_Rsx	66.848	920	179	27	13440	14318	22084	22918	1.57E-75	277
dunnart_Rsx_spliced	Koala_Rsx	63.328	2746	539	124	1009	3457	8469	11043	5.48E-75	276
dunnart_Rsx_spliced	Koala_Rsx	65.576	947	159	28	12782	13673	22084	22918	3.46E-71	263
dunnart_Rsx_spliced	Koala_Rsx	64.195	2670	561	135	1028	3457	9330	11844	1.79E-68	253
dunnart_Rsx_spliced	Koala_Rsx	63.67	2714	565	128	1009	3492	8242	10764	6.25E-68	252
dunnart_Rsx_spliced	Koala_Rsx	66.473	1035	204	42	10058	11042	18506	19447	3.24E-65	242
dunnart_Rsx_spliced	Koala_Rsx	64.207	2453	488	128	1284	3492	8641	10947	1.13E-64	241
dunnart_Rsx_spliced	Koala_Rsx	64.592	1655	322	76	1938	3457	9863	11388	3.95E-64	239
dunnart_Rsx_spliced	Koala_Rsx	64.076	2355	483	117	1028	3163	9441	11651	1.68E-62	233
dunnart_Rsx_spliced	Koala_Rsx	68.336	559	73	16	12459	13015	22462	22918	5.86E-62	233
dunnart_Rsx_spliced	Koala_Rsx	63.911	2347	467	117	1017	3201	9523	11651	2.04E-61	230

dunnart_Rsx_spliced	Koala_Rsx	63.413	1301	235	42	12574	13803	22056	23186	7.14E-61	229
dunnart_Rsx_spliced	Koala_Rsx	63.253	2724	550	129	1009	3492	8780	11292	8.69E-60	225
dunnart_Rsx_spliced	Koala_Rsx	68.536	642	113	23	13933	14568	22263	22821	8.69E-60	224
dunnart_Rsx_spliced	Koala_Rsx	67.719	855	184	35	7012	7827	1498	2299	3.03E-59	224
dunnart_Rsx_spliced	Koala_Rsx	63.636	2651	550	130	1009	3430	9098	11563	3.03E-59	223
dunnart_Rsx_spliced	Koala_Rsx	62.756	1270	227	35	12462	13673	22129	23210	3.03E-59	223
dunnart_Rsx_spliced	Koala_Rsx	63.436	2910	619	140	1187	3903	9402	12059	1.06E-58	222
dunnart_Rsx_spliced	Koala_Rsx	67.241	754	146	27	9651	10384	17622	18294	4.50E-57	216
dunnart_Rsx_spliced	Koala_Rsx	66.124	921	180	36	9355	10257	17518	18324	5.49E-56	212
dunnart_Rsx_spliced	Koala_Rsx	65.138	1635	347	82	1953	3457	10799	12340	1.91E-55	211
dunnart_Rsx_spliced	Koala_Rsx	67.661	637	107	22	9778	10384	18527	19094	1.91E-55	211
dunnart_Rsx_spliced	Koala_Rsx	66.481	898	165	39	7075	7942	1487	2278	1.91E-55	210
dunnart_Rsx_spliced	Koala_Rsx	64.228	1121	247	32	13270	14365	22266	23257	6.68E-55	209
dunnart_Rsx_spliced	Koala_Rsx	67.364	717	141	26	9651	10347	17679	18322	8.14E-54	205
dunnart_Rsx_spliced	Koala_Rsx	67.318	716	145	25	7243	7942	1405	2047	8.14E-54	205
dunnart_Rsx_spliced	Koala_Rsx	63.716	1028	161	36	11832	12696	22279	23257	9.92E-53	202
dunnart_Rsx_spliced	Koala_Rsx	64.594	2203	469	119	1474	3493	10799	12873	9.92E-53	201
dunnart_Rsx_spliced	Koala_Rsx	64.05	2153	485	101	1932	3905	10926	12968	3.46E-52	199
dunnart_Rsx_spliced	Koala_Rsx	67.023	843	165	38	9221	10024	17536	18304	1.21E-51	198
dunnart_Rsx_spliced	Koala_Rsx	62.014	1261	192	39	11957	13062	22129	23257	1.21E-51	198
dunnart_Rsx_spliced	Koala_Rsx	64.023	1362	254	59	9864	11098	17441	18693	1.47E-50	195
dunnart_Rsx_spliced	Koala_Rsx	64.768	1229	237	55	6605	7757	1368	2476	1.47E-50	194
dunnart_Rsx_spliced	Koala_Rsx	65.478	701	98	25	12462	13144	22612	23186	1.79E-49	191
dunnart_Rsx_spliced	Koala_Rsx	64.619	1758	359	92	1877	3457	11329	13000	6.26E-49	189
dunnart_Rsx_spliced	Koala_Rsx	64.205	2478	546	131	1205	3457	11169	13530	2.18E-48	187
dunnart_Rsx_spliced	Koala_Rsx	65.271	1146	220	55	6883	7929	1491	2557	7.62E-48	186
dunnart_Rsx_spliced	Koala_Rsx	64.696	1708	384	83	1877	3434	12281	13919	7.62E-48	186
dunnart_Rsx_spliced	Koala_Rsx	72.917	336	63	8	14105	14427	22084	22404	7.62E-48	186
dunnart_Rsx_spliced	Koala_Rsx	65.684	950	173	44	9773	10676	17482	18324	2.66E-47	184

dunnart_Rsx_spliced	Koala_Rsx	64.136	2147	442	114	1216	3125	10300	12355	2.66E-47	183
dunnart_Rsx_spliced	Koala_Rsx	64.613	763	130	23	11715	12377	22352	23074	9.29E-47	182
dunnart_Rsx_spliced	Koala_Rsx	63.48	2385	487	120	1257	3457	9869	12053	3.24E-46	180
dunnart_Rsx_spliced	Koala_Rsx	67.059	765	153	34	9651	10383	17476	18173	3.24E-46	180
dunnart_Rsx_spliced	Koala_Rsx	67.169	664	143	23	7245	7895	1534	2135	3.24E-46	179
dunnart_Rsx_spliced	Koala_Rsx	66.181	893	186	39	9424	10284	17515	18323	1.13E-45	178
dunnart_Rsx_spliced	Koala_Rsx	67.316	667	120	29	9651	10297	18516	19104	1.13E-45	178
dunnart_Rsx_spliced	Koala_Rsx	69.593	467	79	18	11834	12243	22752	23212	1.13E-45	178
dunnart_Rsx_spliced	Koala_Rsx	63.445	2711	557	141	1049	3457	10009	12587	1.13E-45	178
dunnart_Rsx_spliced	Koala_Rsx	66.667	777	145	36	9651	10386	19316	20019	1.38E-44	175
dunnart_Rsx_spliced	Koala_Rsx	65.139	1549	344	81	1994	3430	12193	13657	1.68E-43	171
dunnart_Rsx_spliced	Koala_Rsx	64.78	954	175	40	9796	10731	17445	18255	1.68E-43	171
dunnart_Rsx_spliced	Koala_Rsx	68.431	529	96	21	9862	10383	18510	18974	1.68E-43	171
dunnart_Rsx_spliced	Koala_Rsx	64.706	850	135	36	9939	10732	17458	18198	2.05E-42	168
dunnart_Rsx_spliced	Koala_Rsx	63.958	2178	442	118	1915	3869	11144	13201	2.05E-42	167
dunnart_Rsx_spliced	Koala_Rsx	64.258	2048	441	109	1216	3087	10835	12767	7.14E-42	165
dunnart_Rsx_spliced	Koala_Rsx	67.205	619	121	25	9651	10257	18576	19124	2.49E-41	163
dunnart_Rsx_spliced	Koala_Rsx	65.457	744	136	29	9651	10347	19377	20046	8.70E-41	162
dunnart_Rsx_spliced	Koala_Rsx	63.199	2038	410	98	2005	3905	10123	11957	3.04E-40	159
dunnart_Rsx_spliced	Koala_Rsx	64.889	1706	370	94	1915	3464	12193	13825	3.04E-40	159
dunnart_Rsx_spliced	Koala_Rsx	68.75	464	72	20	9786	10237	19304	19706	3.04E-40	159
dunnart_Rsx_spliced	Koala_Rsx	66.716	676	132	29	9681	10340	18517	19115	1.06E-39	159
dunnart_Rsx_spliced	Koala_Rsx	66.624	773	141	41	9221	9946	17622	18324	4.51E-38	152
dunnart_Rsx_spliced	Koala_Rsx	66.522	690	123	34	9653	10284	19408	20047	1.92E-36	148
dunnart_Rsx_spliced	Koala_Rsx	63.697	2110	458	108	1932	3870	11936	13908	2.33E-35	143
dunnart_Rsx_spliced	Koala_Rsx	69.266	436	73	21	9956	10384	19310	19691	2.33E-35	143
dunnart_Rsx_spliced	Koala_Rsx	68.142	452	81	18	9651	10087	18720	19123	8.15E-35	142
dunnart_Rsx_spliced	Koala_Rsx	67.28	489	84	20	9886	10343	19304	19747	2.84E-34	140
dunnart_Rsx_spliced	Koala_Rsx	64.185	2337	508	133	1356	3457	11488	13730	9.93E-34	139

dunnart_Rsx_spliced	Koala_Rsx	71.044	297	53	9	14271	14566	22084	22348	9.93E-34	138
dunnart_Rsx_spliced	Koala_Rsx	69.072	388	77	14	9648	10024	18749	19104	1.21E-32	135
dunnart_Rsx_spliced	Koala_Rsx	72	300	46	14	9218	9506	18031	18303	1.21E-32	134
dunnart_Rsx_spliced	Koala_Rsx	62.987	3026	626	160	1219	3931	10351	13195	4.22E-32	132
dunnart_Rsx_spliced	Koala_Rsx	65.686	612	123	23	8849	9404	17724	18304	4.22E-32	132
dunnart_Rsx_spliced	Koala_Rsx	65.97	526	96	19	10619	11100	17141	17627	1.47E-31	132
dunnart_Rsx_spliced	Koala_Rsx	63.356	1943	410	97	2055	3835	10743	12545	5.14E-31	130
dunnart_Rsx_spliced	Koala_Rsx	63.229	669	101	22	11834	12386	22599	23238	5.14E-31	130
dunnart_Rsx_spliced	Koala_Rsx	66.611	599	122	27	9778	10353	16223	16766	1.79E-30	128
dunnart_Rsx_spliced	Koala_Rsx	68.817	372	64	15	9891	10257	20458	20782	1.79E-30	128
dunnart_Rsx_spliced	Koala_Rsx	67.337	646	130	36	8890	9506	18510	19103	6.26E-30	125
dunnart_Rsx_spliced	Koala_Rsx	69.789	331	69	11	12938	13263	22056	22360	6.26E-30	125
dunnart_Rsx_spliced	Koala_Rsx	65.663	664	139	28	8754	9404	18517	19104	2.19E-29	124
dunnart_Rsx_spliced	Koala_Rsx	67.447	470	97	19	9917	10380	20207	20626	2.19E-29	123
dunnart_Rsx_spliced	Koala_Rsx	72.614	241	52	6	14193	14427	21745	21977	2.19E-29	123
dunnart_Rsx_spliced	Koala_Rsx	64.9	698	126	31	10524	11144	20600	21255	7.63E-29	123
dunnart_Rsx_spliced	Koala_Rsx	65.882	595	119	25	9652	10215	16213	16754	7.63E-29	122
dunnart_Rsx_spliced	Koala_Rsx	68.975	361	65	15	9221	9574	17944	18264	7.63E-29	122
dunnart_Rsx_spliced	Koala_Rsx	64.722	720	132	32	9956	10667	18510	19115	2.66E-28	120
dunnart_Rsx_spliced	Koala_Rsx	64.543	973	195	48	8951	9886	17464	18323	9.30E-28	119
dunnart_Rsx_spliced	Koala_Rsx	65.706	659	118	33	9343	9946	18519	19124	9.30E-28	119
dunnart_Rsx_spliced	Koala_Rsx	65.317	568	102	23	9785	10298	20236	20762	9.30E-28	119
dunnart_Rsx_spliced	Koala_Rsx	74.747	198	40	5	14092	14288	21803	21991	9.30E-28	119
dunnart_Rsx_spliced	Koala_Rsx	63.231	3114	698	164	1049	3913	10703	13618	9.30E-28	118
dunnart_Rsx_spliced	Koala_Rsx	64.881	1139	238	62	1550	2607	12845	13902	9.30E-28	118
dunnart_Rsx_spliced	Koala_Rsx	66.767	665	146	34	6977	7587	12845	13488	9.30E-28	118
dunnart_Rsx_spliced	Koala_Rsx	63.145	1221	222	58	9939	11082	19329	20398	9.30E-28	118
dunnart_Rsx_spliced	Koala_Rsx	77.622	143	23	1	11828	11961	23035	23177	9.30E-28	118
dunnart_Rsx_spliced	Koala_Rsx	63.592	2678	597	146	1009	3457	10755	13283	3.25E-27	117

dunnart_Rsx_spliced	Koala_Rsx	71.321	265	42	11	10903	11144	20574	20827	3.25E-27	117
dunnart_Rsx_spliced	Koala_Rsx	65.241	561	110	21	9868	10383	16213	16733	1.13E-26	115
dunnart_Rsx_spliced	Koala_Rsx	66.613	623	133	31	4359	4933	10799	11394	1.13E-26	114
dunnart_Rsx_spliced	Koala_Rsx	73.301	206	31	7	10859	11052	20408	20601	1.13E-26	114
dunnart_Rsx_spliced	Koala_Rsx	77.922	154	26	4	12591	12737	21803	21955	1.13E-26	114
dunnart_Rsx_spliced	Koala_Rsx	66	400	62	14	8362	8692	15682	16076	3.95E-26	113
dunnart_Rsx_spliced	Koala_Rsx	72.314	242	37	11	10499	10733	19319	19537	3.95E-26	113
dunnart_Rsx_spliced	Koala_Rsx	73.529	204	34	7	10828	11016	17060	17258	1.38E-25	112
dunnart_Rsx_spliced	Koala_Rsx	64.959	488	99	14	9651	10101	20310	20762	1.38E-25	112
dunnart_Rsx_spliced	Koala_Rsx	67.967	359	70	13	9739	10087	20458	20781	1.38E-25	112
dunnart_Rsx_spliced	Koala_Rsx	70.588	289	61	11	8852	9136	17874	18142	1.38E-25	111
dunnart_Rsx_spliced	Koala_Rsx	69.231	273	38	10	10859	11097	19737	19997	1.38E-25	111
dunnart_Rsx_spliced	Koala_Rsx	71.923	260	47	12	10125	10381	19331	19567	4.82E-25	110
dunnart_Rsx_spliced	Koala_Rsx	66.667	510	100	24	4507	4967	11154	11642	4.82E-25	109
dunnart_Rsx_spliced	Koala_Rsx	64.461	1179	282	56	6503	7589	11835	12968	4.82E-25	109
dunnart_Rsx_spliced	Koala_Rsx	64.031	2049	445	117	1219	3087	11896	13832	4.82E-25	109
dunnart_Rsx_spliced	Koala_Rsx	68.862	334	67	13	9651	9973	18809	19116	4.82E-25	109
dunnart_Rsx_spliced	Koala_Rsx	77.483	151	31	3	12769	12918	21803	21951	4.82E-25	109
dunnart_Rsx_spliced	Koala_Rsx	64.118	850	161	40	9441	10257	19310	20048	1.68E-24	108
dunnart_Rsx_spliced	Koala_Rsx	66.374	455	85	19	9672	10096	16324	16740	1.68E-24	107
dunnart_Rsx_spliced	Koala_Rsx	65	660	143	27	8920	9564	17492	18078	1.68E-24	107
dunnart_Rsx_spliced	Koala_Rsx	69.032	310	58	12	9778	10087	19776	20047	1.68E-24	107
dunnart_Rsx_spliced	Koala_Rsx	64.981	771	155	38	8849	9566	17492	18200	5.87E-24	106
dunnart_Rsx_spliced	Koala_Rsx	70.968	279	52	13	8854	9129	18684	18936	5.87E-24	106
dunnart_Rsx_spliced	Koala_Rsx	63.985	522	86	18	10897	11333	18112	18616	5.87E-24	105
dunnart_Rsx_spliced	Koala_Rsx	68.031	391	76	18	10900	11279	19483	19835	5.87E-24	105
dunnart_Rsx_spliced	Koala_Rsx	66.975	324	65	8	11212	11497	17123	17442	2.05E-23	104
dunnart_Rsx_spliced	Koala_Rsx	64.961	762	141	40	9221	9946	19377	20048	2.05E-23	104
dunnart_Rsx_spliced	Koala_Rsx	63.448	2465	562	130	1016	3273	11576	13908	2.05E-23	104

dunnart_Rsx_spliced	Koala_Rsx	64.491	766	140	38	9363	10101	19368	20028	2.05E-23	104
dunnart_Rsx_spliced	Koala_Rsx	69.01	313	60	13	9221	9526	19436	19718	7.15E-23	103
dunnart_Rsx_spliced	Koala_Rsx	67.236	351	64	13	9939	10284	20477	20781	7.15E-23	103
dunnart_Rsx_spliced	Koala_Rsx	66.057	383	64	14	9221	9559	18576	18936	7.15E-23	102
dunnart_Rsx_spliced	Koala_Rsx	78.788	132	20	4	11374	11498	20837	20967	7.15E-23	102
dunnart_Rsx_spliced	Koala_Rsx	67.473	372	59	18	9221	9564	18516	18853	2.49E-22	101
dunnart_Rsx_spliced	Koala_Rsx	67.667	300	57	9	9929	10226	16215	16476	2.49E-22	100
dunnart_Rsx_spliced	Koala_Rsx	65.038	655	139	29	10099	10732	17465	18050	2.49E-22	100
dunnart_Rsx_spliced	Koala_Rsx	68.095	420	84	22	9023	9412	19311	19710	2.49E-22	100
dunnart_Rsx_spliced	Koala_Rsx	64.833	600	121	25	9822	10386	20209	20753	2.49E-22	100
dunnart_Rsx_spliced	Koala_Rsx	67.232	354	60	15	9221	9564	18720	19027	8.71E-22	99.6
dunnart_Rsx_spliced	Koala_Rsx	67.352	389	77	17	4618	4969	11933	12308	8.71E-22	98.7
dunnart_Rsx_spliced	Koala_Rsx	67.635	482	97	27	4548	4996	13447	13902	8.71E-22	98.7
dunnart_Rsx_spliced	Koala_Rsx	67.714	350	65	15	9221	9564	18662	18969	8.71E-22	98.7
dunnart_Rsx_spliced	Koala_Rsx	73.469	196	26	10	10524	10701	19540	19727	8.71E-22	98.7
dunnart_Rsx_spliced	Koala_Rsx	68.69	313	56	14	9651	9946	20495	20782	8.71E-22	98.7
dunnart_Rsx_spliced	Koala_Rsx	67.532	385	78	17	4618	4969	12881	13251	3.04E-21	97.8
dunnart_Rsx_spliced	Koala_Rsx	70.293	239	37	10	9783	10012	16550	16763	3.04E-21	97.8
dunnart_Rsx_spliced	Koala_Rsx	65.962	426	86	16	9962	10382	16213	16584	3.04E-21	96.9
dunnart_Rsx_spliced	Koala_Rsx	69.697	264	42	12	10899	11144	16589	16832	3.04E-21	96.9
dunnart_Rsx_spliced	Koala_Rsx	72.566	226	38	12	10518	10734	17691	17901	3.04E-21	96.9
dunnart_Rsx_spliced	Koala_Rsx	71.569	204	35	7	10903	11100	18656	18842	3.04E-21	96.9
dunnart_Rsx_spliced	Koala_Rsx	73.936	188	34	8	8950	9134	19304	19479	3.04E-21	96.9
dunnart_Rsx_spliced	Koala_Rsx	65.902	305	49	8	8265	8517	15536	15837	1.06E-20	96
dunnart_Rsx_spliced	Koala_Rsx	74.706	170	28	7	10567	10731	19525	19684	1.06E-20	96
dunnart_Rsx_spliced	Koala_Rsx	64.122	524	86	21	10891	11339	19860	20356	1.06E-20	96
dunnart_Rsx_spliced	Koala_Rsx	71.489	235	37	12	10506	10734	20446	20656	1.06E-20	96
dunnart_Rsx_spliced	Koala_Rsx	66.408	387	79	14	9778	10163	20447	20783	1.06E-20	96
dunnart_Rsx_spliced	Koala_Rsx	69.63	270	59	10	10522	10778	16555	16814	3.70E-20	94.2

dunnart_Rsx_spliced	Koala_Rsx	71.429	217	43	8	10521	10734	17526	17726	3.70E-20	94.2
dunnart_Rsx_spliced	Koala_Rsx	70.707	198	31	6	10926	11100	17874	18067	3.70E-20	94.2
dunnart_Rsx_spliced	Koala_Rsx	67.398	319	54	13	9220	9506	17971	18271	3.70E-20	94.2
dunnart_Rsx_spliced	Koala_Rsx	63.462	520	92	17	10903	11339	18919	19423	3.70E-20	94.2
dunnart_Rsx_spliced	Koala_Rsx	67.619	315	54	13	10891	11172	19834	20133	3.70E-20	94.2
dunnart_Rsx_spliced	Koala_Rsx	65.112	536	117	21	10227	10733	18506	19000	3.70E-20	93.3
dunnart_Rsx_spliced	Koala_Rsx	73.256	172	29	6	10929	11100	17530	17684	1.29E-19	92.4
dunnart_Rsx_spliced	Koala_Rsx	68.21	324	50	17	8852	9144	17963	18264	1.29E-19	92.4
dunnart_Rsx_spliced	Koala_Rsx	73.404	188	30	9	10552	10734	19781	19953	1.29E-19	92.4
dunnart_Rsx_spliced	Koala_Rsx	64.87	575	106	27	9468	10011	20272	20781	1.29E-19	92.4
dunnart_Rsx_spliced	Koala_Rsx	65.789	342	71	9	1010	1333	8934	9247	1.29E-19	91.5
dunnart_Rsx_spliced	Koala_Rsx	76.692	133	22	4	11375	11498	18380	18512	1.29E-19	91.5
dunnart_Rsx_spliced	Koala_Rsx	76.692	133	22	4	11375	11498	19180	19312	1.29E-19	91.5
dunnart_Rsx_spliced	Koala_Rsx	66.819	437	90	21	4482	4901	12941	13339	4.51E-19	90.6
dunnart_Rsx_spliced	Koala_Rsx	71.946	221	40	11	10522	10734	18649	18855	4.51E-19	90.6
dunnart_Rsx_spliced	Koala_Rsx	70.892	213	44	7	10523	10731	20515	20713	4.51E-19	90.6
dunnart_Rsx_spliced	Koala_Rsx	72.254	173	35	4	10926	11098	20542	20701	4.51E-19	90.6
dunnart_Rsx_spliced	Koala_Rsx	71.359	206	42	7	9822	10026	20961	21150	4.51E-19	90.6
dunnart_Rsx_spliced	Koala_Rsx	66.944	360	71	15	9238	9575	16257	16590	4.51E-19	89.7
dunnart_Rsx_spliced	Koala_Rsx	64.42	638	135	27	8950	9572	18504	19064	4.51E-19	89.7
dunnart_Rsx_spliced	Koala_Rsx	73.239	142	24	2	11834	11961	21849	21990	4.51E-19	89.7
dunnart_Rsx_spliced	Koala_Rsx	66.529	484	118	21	7043	7502	13155	13618	1.57E-18	88.7
dunnart_Rsx_spliced	Koala_Rsx	68.75	304	61	14	9211	9506	16175	16452	1.57E-18	88.7
dunnart_Rsx_spliced	Koala_Rsx	73.262	187	37	8	10522	10701	16321	16501	1.57E-18	88.7
dunnart_Rsx_spliced	Koala_Rsx	73.514	185	37	8	10552	10733	18504	18679	1.57E-18	88.7
dunnart_Rsx_spliced	Koala_Rsx	63.728	692	133	30	10058	10733	19306	19895	1.57E-18	88.7
dunnart_Rsx_spliced	Koala_Rsx	66.912	272	42	9	12094	12317	22121	22392	1.57E-18	88.7
dunnart_Rsx_spliced	Koala_Rsx	70.721	222	43	9	10517	10734	17580	17783	1.57E-18	87.8
dunnart_Rsx_spliced	Koala_Rsx	78.761	113	14	4	11211	11316	20439	20548	1.57E-18	87.8

dunnart_Rsx_spliced	Koala_Rsx	70.707	198	39	6	10903	11098	17588	17768	5.50E-18	86.9
dunnart_Rsx_spliced	Koala_Rsx	71.429	196	38	7	10193	10384	19304	19485	5.50E-18	86.9
dunnart_Rsx_spliced	Koala_Rsx	82.796	93	12	3	9437	9526	20298	20389	5.50E-18	86.9
dunnart_Rsx_spliced	Koala_Rsx	64.618	602	118	28	10138	10729	17441	17957	5.50E-18	86
dunnart_Rsx_spliced	Koala_Rsx	67.34	297	57	11	8726	9018	18866	19126	5.50E-18	86
dunnart_Rsx_spliced	Koala_Rsx	70.507	217	44	8	10136	10343	20213	20418	5.50E-18	86
dunnart_Rsx_spliced	Koala_Rsx	63.726	1111	242	55	6424	7459	12884	13908	1.92E-17	85.1
dunnart_Rsx_spliced	Koala_Rsx	70.283	212	39	8	10897	11098	16260	16457	1.92E-17	85.1
dunnart_Rsx_spliced	Koala_Rsx	70.69	174	36	3	10925	11098	18770	18928	1.92E-17	85.1
dunnart_Rsx_spliced	Koala_Rsx	71.728	191	33	8	10552	10734	19304	19481	1.92E-17	85.1
dunnart_Rsx_spliced	Koala_Rsx	67.638	309	55	14	9858	10163	19783	20049	1.92E-17	85.1
dunnart_Rsx_spliced	Koala_Rsx	79.091	110	15	4	10132	10237	20271	20376	1.92E-17	85.1
dunnart_Rsx_spliced	Koala_Rsx	68.012	322	60	16	7043	7336	13602	13908	1.92E-17	84.2
dunnart_Rsx_spliced	Koala_Rsx	70.213	235	43	11	10500	10728	18724	18937	1.92E-17	84.2
dunnart_Rsx_spliced	Koala_Rsx	70.388	206	36	8	10526	10727	19431	19615	1.92E-17	84.2
dunnart_Rsx_spliced	Koala_Rsx	70.352	199	31	8	10926	11100	17963	18157	6.69E-17	83.3
dunnart_Rsx_spliced	Koala_Rsx	72.626	179	36	7	8957	9134	20458	20624	6.69E-17	83.3
dunnart_Rsx_spliced	Koala_Rsx	70.27	222	44	9	10517	10732	20961	21166	6.69E-17	83.3
dunnart_Rsx_spliced	Koala_Rsx	63.277	1190	277	53	6551	7623	11822	12968	6.69E-17	82.4
dunnart_Rsx_spliced	Koala_Rsx	68.056	288	58	12	8849	9129	17695	17955	6.69E-17	82.4
dunnart_Rsx_spliced	Koala_Rsx	70.642	218	40	10	10524	10733	18682	18883	6.69E-17	82.4
dunnart_Rsx_spliced	Koala_Rsx	66.939	245	41	7	11230	11439	19929	20168	6.69E-17	82.4
dunnart_Rsx_spliced	Koala_Rsx	71.875	192	38	8	9221	9405	20580	20762	6.69E-17	82.4
dunnart_Rsx_spliced	Koala_Rsx	76.86	121	25	3	14447	14566	21803	21921	6.69E-17	82.4
dunnart_Rsx_spliced	Koala_Rsx	71.111	225	41	12	10143	10358	16213	16422	2.34E-16	81.5
dunnart_Rsx_spliced	Koala_Rsx	72.535	142	19	4	9425	9564	16225	16348	2.34E-16	81.5
dunnart_Rsx_spliced	Koala_Rsx	68.531	286	53	14	8855	9134	19310	19564	2.34E-16	81.5
dunnart_Rsx_spliced	Koala_Rsx	72	175	40	5	9221	9391	19878	20047	2.34E-16	81.5
dunnart_Rsx_spliced	Koala_Rsx	74.522	157	25	8	10581	10731	20207	20354	2.34E-16	81.5

dunnart_Rsx_spliced	Koala_Rsx	69.412	255	54	11	8887	9139	20455	20687	2.34E-16	81.5
dunnart_Rsx_spliced	Koala_Rsx	74.497	149	33	5	1187	1333	4343	4488	2.34E-16	80.6
dunnart_Rsx_spliced	Koala_Rsx	68.635	271	59	11	4683	4933	12281	12545	2.34E-16	80.6
dunnart_Rsx_spliced	Koala_Rsx	64.347	704	131	37	8890	9564	19310	19922	2.34E-16	80.6
dunnart_Rsx_spliced	Koala_Rsx	68.605	258	49	11	8883	9135	19364	19594	2.34E-16	80.6
dunnart_Rsx_spliced	Koala_Rsx	69.2	250	54	10	9221	9466	20551	20781	2.34E-16	80.6
dunnart_Rsx_spliced	Koala_Rsx	65.703	519	104	27	4507	4967	13234	13736	8.16E-16	79.7
dunnart_Rsx_spliced	Koala_Rsx	69.124	217	39	8	10900	11093	19454	19665	8.16E-16	79.7
dunnart_Rsx_spliced	Koala_Rsx	66.09	289	44	11	8848	9129	19479	19720	8.16E-16	79.7
dunnart_Rsx_spliced	Koala_Rsx	74.126	143	27	5	8996	9134	16212	16348	8.16E-16	78.8
dunnart_Rsx_spliced	Koala_Rsx	66.667	279	55	9	9250	9506	16333	16595	8.16E-16	78.8
dunnart_Rsx_spliced	Koala_Rsx	65.278	504	102	24	9534	10020	18534	18981	8.16E-16	78.8
dunnart_Rsx_spliced	Koala_Rsx	64.214	802	175	39	9221	9980	19316	20047	8.16E-16	78.8
dunnart_Rsx_spliced	Koala_Rsx	72.674	172	25	9	8849	9016	20596	20749	8.16E-16	78.8
dunnart_Rsx_spliced	Koala_Rsx	72.109	147	19	5	12196	12320	22084	22230	8.16E-16	78.8
dunnart_Rsx_spliced	Koala_Rsx	66.667	438	82	25	5766	6157	10984	11403	2.85E-15	77.9
dunnart_Rsx_spliced	Koala_Rsx	69.82	222	46	9	4683	4901	12193	12396	2.85E-15	77.9
dunnart_Rsx_spliced	Koala_Rsx	69.295	241	61	8	7269	7502	12281	12515	2.85E-15	77.9
dunnart_Rsx_spliced	Koala_Rsx	67.188	256	46	9	8827	9074	18098	18323	2.85E-15	77.9
dunnart_Rsx_spliced	Koala_Rsx	79.592	98	17	3	7043	7139	12260	12355	2.85E-15	77
dunnart_Rsx_spliced	Koala_Rsx	64.198	648	129	31	4342	4933	12888	13488	2.85E-15	77
dunnart_Rsx_spliced	Koala_Rsx	66.261	329	70	12	10062	10381	16206	16502	2.85E-15	77
dunnart_Rsx_spliced	Koala_Rsx	67.135	356	70	18	8781	9130	17521	17835	2.85E-15	77
dunnart_Rsx_spliced	Koala_Rsx	64.209	556	122	22	9221	9734	18605	19125	2.85E-15	77
dunnart_Rsx_spliced	Koala_Rsx	69.323	251	45	13	9221	9466	19824	20047	2.85E-15	77
dunnart_Rsx_spliced	Koala_Rsx	78.218	101	15	3	14460	14560	22084	22177	2.85E-15	77
dunnart_Rsx_spliced	Koala_Rsx	67.453	212	50	3	1153	1357	9039	9238	9.94E-15	76.1
dunnart_Rsx_spliced	Koala_Rsx	64.946	465	115	16	7035	7472	12164	12607	9.94E-15	76.1
dunnart_Rsx_spliced	Koala_Rsx	64.496	476	98	19	7244	7655	12821	13289	9.94E-15	76.1

dunnart_Rsx_spliced	Koala_Rsx	63.071	1029	235	44	7004	7928	12845	13832	9.94E-15	76.1
dunnart_Rsx_spliced	Koala_Rsx	70.621	177	38	5	10926	11100	17785	17949	9.94E-15	76.1
dunnart_Rsx_spliced	Koala_Rsx	78.947	95	12	3	10644	10734	18504	18594	9.94E-15	76.1
dunnart_Rsx_spliced	Koala_Rsx	66.201	358	64	17	9221	9564	20310	20624	9.94E-15	76.1
dunnart_Rsx_spliced	Koala_Rsx	65.181	718	144	42	4263	4933	10984	11642	9.94E-15	75.2
dunnart_Rsx_spliced	Koala_Rsx	72.778	180	32	10	8957	9134	19787	19951	9.94E-15	75.2
dunnart_Rsx_spliced	Koala_Rsx	73.248	157	29	7	10581	10733	20959	21106	9.94E-15	75.2
dunnart_Rsx_spliced	Koala_Rsx	69.406	219	53	7	10168	10384	20966	21172	9.94E-15	75.2
dunnart_Rsx_spliced	Koala_Rsx	83.333	72	9	1	11890	11961	22944	23012	9.94E-15	75.2
dunnart_Rsx_spliced	Koala_Rsx	63.383	1005	237	44	6551	7458	11662	12632	3.47E-14	74.3
dunnart_Rsx_spliced	Koala_Rsx	78.125	96	12	3	10644	10734	19304	19395	3.47E-14	74.3
dunnart_Rsx_spliced	Koala_Rsx	65.603	282	55	8	8754	9018	19794	20050	3.47E-14	74.3
dunnart_Rsx_spliced	Koala_Rsx	78.571	98	16	3	9651	9748	19906	19998	3.47E-14	74.3
dunnart_Rsx_spliced	Koala_Rsx	68.627	204	36	7	9789	9980	21022	21209	3.47E-14	74.3
dunnart_Rsx_spliced	Koala_Rsx	66.105	475	106	24	4548	4990	12504	12955	3.47E-14	73.4
dunnart_Rsx_spliced	Koala_Rsx	64.087	1150	248	64	1219	2277	12844	13919	3.47E-14	73.4
dunnart_Rsx_spliced	Koala_Rsx	67.532	308	66	14	4548	4833	13607	13902	3.47E-14	73.4
dunnart_Rsx_spliced	Koala_Rsx	71.889	217	35	15	8923	9129	16554	16754	3.47E-14	73.4
dunnart_Rsx_spliced	Koala_Rsx	65.971	479	102	25	4482	4933	12845	13289	1.21E-13	72.5
dunnart_Rsx_spliced	Koala_Rsx	69.519	187	27	8	10058	10237	21022	21185	1.21E-13	72.5
dunnart_Rsx_spliced	Koala_Rsx	72.189	169	32	8	3301	3457	11936	12101	1.21E-13	71.6
dunnart_Rsx_spliced	Koala_Rsx	78.495	93	18	2	10522	10614	16673	16763	1.21E-13	71.6
dunnart_Rsx_spliced	Koala_Rsx	77.477	111	14	6	10516	10621	20265	20369	1.21E-13	71.6
dunnart_Rsx_spliced	Koala_Rsx	65.105	427	81	20	4593	4967	11936	12346	4.22E-13	70.7
dunnart_Rsx_spliced	Koala_Rsx	65.34	427	75	22	4593	4967	12884	13289	4.22E-13	70.7
dunnart_Rsx_spliced	Koala_Rsx	69.302	215	49	8	8935	9144	16217	16419	4.22E-13	70.7
dunnart_Rsx_spliced	Koala_Rsx	64.583	432	90	17	8925	9303	19628	20049	4.22E-13	70.7
dunnart_Rsx_spliced	Koala_Rsx	67.886	246	54	9	9651	9886	20551	20781	4.22E-13	70.7
dunnart_Rsx_spliced	Koala_Rsx	66.935	248	42	10	4656	4901	12845	13054	4.22E-13	69.8

dunnart_Rsx_spliced	Koala_Rsx	67.354	291	61	13	8849	9135	19393	19653	4.22E-13	69.8
dunnart_Rsx_spliced	Koala_Rsx	75.207	121	16	6	10618	10734	20459	20569	4.22E-13	69.8
dunnart_Rsx_spliced	Koala_Rsx	78.261	92	13	3	9221	9311	21061	21146	4.22E-13	69.8
dunnart_Rsx_spliced	Koala_Rsx	70.27	222	40	13	5994	6195	12845	13060	1.47E-12	68.9
dunnart_Rsx_spliced	Koala_Rsx	64.224	696	156	33	6558	7175	13107	13787	1.47E-12	68.9
dunnart_Rsx_spliced	Koala_Rsx	68.712	163	22	5	9425	9566	17458	17612	1.47E-12	68.9
dunnart_Rsx_spliced	Koala_Rsx	78.571	98	12	5	9048	9142	20271	20362	1.47E-12	68.9
dunnart_Rsx_spliced	Koala_Rsx	67.458	295	56	15	9221	9506	20464	20727	1.47E-12	68.9
dunnart_Rsx_spliced	Koala_Rsx	74.038	104	15	2	13338	13429	21745	21848	1.47E-12	68.9
dunnart_Rsx_spliced	Koala_Rsx	64.244	509	101	23	1219	1680	10009	10483	1.47E-12	68
dunnart_Rsx_spliced	Koala_Rsx	78.161	87	14	2	9221	9303	18240	18325	1.47E-12	68
dunnart_Rsx_spliced	Koala_Rsx	66.667	291	65	11	8849	9134	18706	18969	1.47E-12	68
dunnart_Rsx_spliced	Koala_Rsx	65.886	299	56	12	9272	9564	19306	19564	1.47E-12	68
dunnart_Rsx_spliced	Koala_Rsx	65.015	343	72	12	8754	9074	20465	20781	1.47E-12	68
dunnart_Rsx_spliced	Koala_Rsx	67.932	237	46	10	10555	10780	21022	21239	1.47E-12	68
dunnart_Rsx_spliced	Koala_Rsx	83.871	62	10	0	11891	11952	21587	21648	1.47E-12	68
dunnart_Rsx_spliced	Koala_Rsx	66.23	305	60	13	8849	9145	16321	16590	5.15E-12	67.1
dunnart_Rsx_spliced	Koala_Rsx	73.387	124	23	4	9651	9770	21061	21178	5.15E-12	67.1
dunnart_Rsx_spliced	Koala_Rsx	65.924	314	68	12	4666	4971	11940	12222	5.15E-12	66.2
dunnart_Rsx_spliced	Koala_Rsx	72.222	144	31	5	10594	10734	16213	16350	5.15E-12	66.2
dunnart_Rsx_spliced	Koala_Rsx	67.382	233	45	9	9344	9574	16216	16419	5.15E-12	66.2
dunnart_Rsx_spliced	Koala_Rsx	70.76	171	40	6	8965	9133	16535	16697	5.15E-12	66.2
dunnart_Rsx_spliced	Koala_Rsx	71.034	145	30	4	10499	10641	17148	17282	5.15E-12	66.2
dunnart_Rsx_spliced	Koala_Rsx	69.048	168	31	5	8855	9019	20213	20362	5.15E-12	66.2
dunnart_Rsx_spliced	Koala_Rsx	69.519	187	40	7	2623	2801	1367	1544	1.80E-11	65.3
dunnart_Rsx_spliced	Koala_Rsx	77.108	83	19	0	1009	1091	5485	5567	1.80E-11	65.3
dunnart_Rsx_spliced	Koala_Rsx	72.289	166	22	11	5804	5948	11489	11651	1.80E-11	65.3
dunnart_Rsx_spliced	Koala_Rsx	64.785	744	169	40	4263	4969	12281	12968	1.80E-11	65.3
dunnart_Rsx_spliced	Koala_Rsx	75	104	18	3	7043	7139	13243	13345	1.80E-11	65.3

dunnart_Rsx_spliced	Koala_Rsx	67.164	201	37	6	10945	11144	17129	17301	1.80E-11	65.3
dunnart_Rsx_spliced	Koala_Rsx	63.318	428	82	15	10315	10738	19302	19658	1.80E-11	65.3
dunnart_Rsx_spliced	Koala_Rsx	81.081	74	12	2	9433	9506	19922	19993	1.80E-11	64.4
dunnart_Rsx_spliced	Koala_Rsx	76.404	89	19	1	9648	9734	19961	20049	1.80E-11	64.4
dunnart_Rsx_spliced	Koala_Rsx	77.011	87	19	1	11966	12051	21876	21962	1.80E-11	64.4
dunnart_Rsx_spliced	Koala_Rsx	67.059	255	70	7	7695	7942	5877	6124	6.27E-11	63.5
dunnart_Rsx_spliced	Koala_Rsx	77.273	88	12	3	10650	10734	17558	17640	6.27E-11	63.5
dunnart_Rsx_spliced	Koala_Rsx	76.744	86	18	1	9049	9134	19310	19393	6.27E-11	63.5
dunnart_Rsx_spliced	Koala_Rsx	72.072	111	25	1	1009	1113	8103	8213	6.27E-11	62.6
dunnart_Rsx_spliced	Koala_Rsx	71.598	169	18	12	5766	5910	11489	11651	6.27E-11	62.6
dunnart_Rsx_spliced	Koala_Rsx	77.011	87	16	2	9651	9734	18240	18325	6.27E-11	62.6
dunnart_Rsx_spliced	Koala_Rsx	74.138	116	19	5	9023	9134	20459	20567	6.27E-11	62.6
dunnart_Rsx_spliced	Koala_Rsx	73.77	122	28	4	9440	9559	21082	21201	6.27E-11	62.6
dunnart_Rsx_spliced	Koala_Rsx	63.235	952	212	45	6551	7417	11574	12472	2.19E-10	61.7
dunnart_Rsx_spliced	Koala_Rsx	74	100	14	3	9466	9564	18504	18592	2.19E-10	61.7
dunnart_Rsx_spliced	Koala_Rsx	69.101	178	34	7	9651	9815	19878	20047	2.19E-10	61.7
dunnart_Rsx_spliced	Koala_Rsx	82.54	63	5	2	9785	9841	20327	20389	2.19E-10	61.7
dunnart_Rsx_spliced	Koala_Rsx	67.984	253	50	13	9651	9886	20971	21209	2.19E-10	61.7
dunnart_Rsx_spliced	Koala_Rsx	70.149	134	27	3	3776	3905	11232	11356	2.19E-10	60.8
dunnart_Rsx_spliced	Koala_Rsx	75.258	97	22	2	1021	1116	11868	11963	2.19E-10	60.8
dunnart_Rsx_spliced	Koala_Rsx	75.258	97	22	2	1021	1116	12816	12911	2.19E-10	60.8
dunnart_Rsx_spliced	Koala_Rsx	63.723	736	168	34	6486	7173	13224	13908	2.19E-10	60.8
dunnart_Rsx_spliced	Koala_Rsx	80.952	63	12	0	11374	11436	16842	16904	2.19E-10	60.8
dunnart_Rsx_spliced	Koala_Rsx	68.342	199	40	8	8883	9074	19865	20047	2.19E-10	60.8
dunnart_Rsx_spliced	Koala_Rsx	68.041	194	39	7	10168	10347	20214	20398	2.19E-10	60.8
dunnart_Rsx_spliced	Koala_Rsx	73.864	88	13	1	12462	12549	21719	21796	2.19E-10	60.8
dunnart_Rsx_spliced	Koala_Rsx	66.582	392	65	26	5859	6195	11271	11651	7.64E-10	59.9
dunnart_Rsx_spliced	Koala_Rsx	68.391	174	28	7	4813	4969	12845	13008	7.64E-10	59.9
dunnart_Rsx_spliced	Koala_Rsx	67.391	230	55	8	7280	7502	13242	13458	7.64E-10	59.9

dunnart_Rsx_spliced	Koala_Rsx	69.312	189	41	8	9221	9402	16534	16712	7.64E-10	59.9
dunnart_Rsx_spliced	Koala_Rsx	68.912	193	31	10	10552	10732	16553	16728	7.64E-10	59.9
dunnart_Rsx_spliced	Koala_Rsx	72.263	137	22	7	9433	9569	20567	20687	7.64E-10	59.9
dunnart_Rsx_spliced	Koala_Rsx	82.812	64	9	2	12181	12242	21801	21864	7.64E-10	59.9
dunnart_Rsx_spliced	Koala_Rsx	65.128	390	72	20	5859	6195	11936	12314	7.64E-10	59
dunnart_Rsx_spliced	Koala_Rsx	73.786	103	19	3	7043	7138	12499	12600	7.64E-10	59
dunnart_Rsx_spliced	Koala_Rsx	71.429	126	24	4	10165	10284	17136	17255	7.64E-10	59
dunnart_Rsx_spliced	Koala_Rsx	69.286	140	24	4	9425	9564	18529	18649	7.64E-10	59
dunnart_Rsx_spliced	Koala_Rsx	64.437	284	45	11	8855	9129	20965	21201	7.64E-10	59
dunnart_Rsx_spliced	Koala_Rsx	75.281	89	16	2	14478	14566	23026	23108	7.64E-10	59
dunnart_Rsx_spliced	Koala_Rsx	67.961	206	44	8	11960	12148	23057	23257	7.64E-10	59
dunnart_Rsx_spliced	Koala_Rsx	82.456	57	10	0	11834	11890	23196	23252	7.64E-10	59
dunnart_Rsx_spliced	Koala_Rsx	69.058	223	42	13	5994	6194	11897	12114	2.67E-09	58.1
dunnart_Rsx_spliced	Koala_Rsx	80	70	11	2	9363	9430	20330	20398	2.67E-09	58.1
dunnart_Rsx_spliced	Koala_Rsx	76.147	109	16	7	9032	9138	21036	21136	2.67E-09	58.1
dunnart_Rsx_spliced	Koala_Rsx	68.056	144	22	4	1219	1338	10703	10846	2.67E-09	57.2
dunnart_Rsx_spliced	Koala_Rsx	69.828	116	20	2	1016	1116	11183	11298	2.67E-09	57.2
dunnart_Rsx_spliced	Koala_Rsx	63.766	701	154	34	4274	4900	13234	13908	2.67E-09	57.2
dunnart_Rsx_spliced	Koala_Rsx	79.412	68	13	1	5118	5185	13759	13825	2.67E-09	57.2
dunnart_Rsx_spliced	Koala_Rsx	75.61	82	12	2	10657	10734	16213	16290	2.67E-09	57.2
dunnart_Rsx_spliced	Koala_Rsx	73.626	91	24	0	10643	10733	17463	17553	2.67E-09	57.2
dunnart_Rsx_spliced	Koala_Rsx	72.34	94	12	2	14015	14094	21755	21848	2.67E-09	57.2
dunnart_Rsx_spliced	Koala_Rsx	71.014	138	19	7	12094	12211	21854	21990	2.67E-09	57.2
dunnart_Rsx_spliced	Koala_Rsx	68.702	131	16	4	13427	13541	21961	22082	2.67E-09	57.2
dunnart_Rsx_spliced	Koala_Rsx	73.563	87	15	1	13843	13929	22117	22195	2.67E-09	57.2
dunnart_Rsx_spliced	Koala_Rsx	77.941	68	15	0	1049	1116	10351	10418	9.31E-09	56.3
dunnart_Rsx_spliced	Koala_Rsx	69.277	166	37	6	3715	3869	11232	11394	9.31E-09	56.3
dunnart_Rsx_spliced	Koala_Rsx	77.215	79	15	2	9057	9135	17147	17222	9.31E-09	56.3
dunnart_Rsx_spliced	Koala_Rsx	75.581	86	17	2	9221	9303	19041	19125	9.31E-09	56.3

dunnart_Rsx_spliced	Koala_Rsx	73	100	16	3	9466	9564	19304	19393	9.31E-09	56.3
dunnart_Rsx_spliced	Koala_Rsx	70.4	125	21	4	9441	9564	20458	20567	9.31E-09	56.3
dunnart_Rsx_spliced	Koala_Rsx	87.755	49	3	2	11956	12004	22036	22081	9.31E-09	56.3
dunnart_Rsx_spliced	Koala_Rsx	75.281	89	14	3	13929	14014	23172	23255	9.31E-09	56.3
dunnart_Rsx_spliced	Koala_Rsx	65.625	352	65	19	5880	6195	11737	12068	9.31E-09	55.4
dunnart_Rsx_spliced	Koala_Rsx	71.942	139	22	8	5783	5910	11936	12068	9.31E-09	55.4
dunnart_Rsx_spliced	Koala_Rsx	73.196	97	20	2	10245	10340	16192	16283	9.31E-09	55.4
dunnart_Rsx_spliced	Koala_Rsx	70.629	143	23	7	10205	10340	16213	16343	9.31E-09	55.4
dunnart_Rsx_spliced	Koala_Rsx	65.493	284	61	11	9651	9922	16534	16792	9.31E-09	55.4
dunnart_Rsx_spliced	Koala_Rsx	66.829	205	38	8	9360	9564	18504	18678	9.31E-09	55.4
dunnart_Rsx_spliced	Koala_Rsx	68.902	164	34	6	10227	10384	20209	20361	9.31E-09	55.4
dunnart_Rsx_spliced	Koala_Rsx	73.958	96	22	2	9653	9748	20640	20732	9.31E-09	55.4
dunnart_Rsx_spliced	Koala_Rsx	69.863	146	27	6	4245	4384	1367	1501	3.25E-08	54.5
dunnart_Rsx_spliced	Koala_Rsx	67.532	154	29	4	7804	7937	11460	11612	3.25E-08	54.5
dunnart_Rsx_spliced	Koala_Rsx	75.581	86	14	3	9221	9303	17176	17257	3.25E-08	54.5
dunnart_Rsx_spliced	Koala_Rsx	73.469	98	23	2	9223	9319	20640	20735	3.25E-08	54.5
dunnart_Rsx_spliced	Koala_Rsx	69.634	191	36	11	9221	9402	20971	21148	3.25E-08	54.5
dunnart_Rsx_spliced	Koala_Rsx	69.277	166	24	9	8854	9015	20994	21136	3.25E-08	54.5
dunnart_Rsx_spliced	Koala_Rsx	68.182	132	17	4	14092	14207	21961	22083	3.25E-08	54.5
dunnart_Rsx_spliced	Koala_Rsx	67.683	164	43	3	7766	7929	6710	6863	3.25E-08	53.6
dunnart_Rsx_spliced	Koala_Rsx	71.918	146	20	10	5745	5872	11509	11651	3.25E-08	53.6
dunnart_Rsx_spliced	Koala_Rsx	67.553	188	44	6	5330	5512	12845	13020	3.25E-08	53.6
dunnart_Rsx_spliced	Koala_Rsx	67.677	198	52	6	10521	10713	16262	16452	3.25E-08	53.6
dunnart_Rsx_spliced	Koala_Rsx	74.419	86	16	2	9651	9734	17176	17257	3.25E-08	53.6
dunnart_Rsx_spliced	Koala_Rsx	68.394	193	34	10	9703	9878	20209	20391	3.25E-08	53.6
dunnart_Rsx_spliced	Koala_Rsx	72.174	115	24	4	10500	10611	20671	20780	3.25E-08	53.6
dunnart_Rsx_spliced	Koala_Rsx	70.073	137	22	6	9434	9568	21017	21136	3.25E-08	53.6
dunnart_Rsx_spliced	Koala_Rsx	94.118	34	2	0	12591	12624	21961	21994	3.25E-08	53.6
dunnart_Rsx_spliced	Koala_Rsx	94.118	34	2	0	12955	12988	21961	21994	3.25E-08	53.6

dunnart_Rsx_spliced	Koala_Rsx	65.019	263	61	8	1009	1255	5675	5922	1.13E-07	52.7
dunnart_Rsx_spliced	Koala_Rsx	64.029	556	120	27	5432	5948	10544	11058	1.13E-07	52.7
dunnart_Rsx_spliced	Koala_Rsx	64.199	986	218	57	1231	2113	12966	13919	1.13E-07	52.7
dunnart_Rsx_spliced	Koala_Rsx	72.414	87	16	1	13177	13263	22117	22195	1.13E-07	52.7
dunnart_Rsx_spliced	Koala_Rsx	71.186	118	29	3	5057	5174	10352	10464	1.13E-07	51.8
dunnart_Rsx_spliced	Koala_Rsx	71.186	118	29	3	5057	5174	11232	11344	1.13E-07	51.8
dunnart_Rsx_spliced	Koala_Rsx	66.39	241	37	13	3726	3938	13601	13825	1.13E-07	51.8
dunnart_Rsx_spliced	Koala_Rsx	80	60	11	1	9221	9279	21089	21148	1.13E-07	51.8
dunnart_Rsx_spliced	Koala_Rsx	74.725	91	15	4	2676	2760	1578	1666	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	70.093	107	16	3	1003	1100	4935	5034	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	77.027	74	15	2	1009	1080	8355	8428	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	68.235	170	29	8	5863	6014	10930	11092	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	68.59	156	26	7	5432	5566	11489	11642	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	64.386	497	111	24	4507	4969	13146	13610	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	68.182	132	26	3	6431	6547	13772	13902	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	66.977	215	31	12	9356	9565	16550	16729	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	69.753	162	38	7	10569	10727	17452	17605	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	82	50	9	0	11717	11766	21769	21818	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	75.581	86	18	3	11715	11799	22950	23033	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	84.314	51	5	2	13263	13310	23172	23222	3.96E-07	50.9
dunnart_Rsx_spliced	Koala_Rsx	64.688	320	74	12	1013	1304	4237	4545	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	67.879	165	34	6	3688	3835	11232	11394	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	77.941	68	12	2	5432	5498	11577	11642	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	67.532	154	29	5	3780	3913	12164	12316	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	67.665	167	29	7	3715	3869	12193	12346	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	77.941	68	12	2	5432	5498	12281	12346	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	65.714	210	33	9	4755	4935	12855	13054	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	65.661	431	76	28	5821	6195	12884	13298	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	75.61	82	15	3	10931	11009	16418	16497	3.96E-07	50

dunnart_Rsx_spliced	Koala_Rsx	79.365	63	10	2	10672	10733	19781	19841	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	70	140	18	8	11213	11339	19853	19981	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	79.365	63	10	2	10672	10733	20452	20512	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	81.481	54	9	1	12684	12737	21745	21797	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	82.143	56	8	2	11715	11769	21925	21979	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	67.424	132	18	4	12769	12884	21961	22083	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	75.281	89	16	4	11715	11799	22187	22273	3.96E-07	50
dunnart_Rsx_spliced	Koala_Rsx	69.718	142	19	8	6065	6195	11275	11403	1.38E-06	49.1
dunnart_Rsx_spliced	Koala_Rsx	63.825	481	103	22	5398	5834	12845	13298	1.38E-06	49.1
dunnart_Rsx_spliced	Koala_Rsx	71.311	122	26	5	10581	10698	16260	16376	1.38E-06	49.1
dunnart_Rsx_spliced	Koala_Rsx	96.774	31	0	1	9104	9134	18534	18563	1.38E-06	49.1
dunnart_Rsx_spliced	Koala_Rsx	79.63	54	11	0	13528	13581	21745	21798	1.38E-06	49.1
dunnart_Rsx_spliced	Koala_Rsx	71.429	105	23	3	7831	7929	7727	7830	1.38E-06	48.2
dunnart_Rsx_spliced	Koala_Rsx	68.047	169	25	9	3715	3869	11489	11642	1.38E-06	48.2
dunnart_Rsx_spliced	Koala_Rsx	68.085	188	34	10	3726	3905	11595	11764	1.38E-06	48.2
dunnart_Rsx_spliced	Koala_Rsx	70	130	27	5	3791	3913	12104	12228	1.38E-06	48.2
dunnart_Rsx_spliced	Koala_Rsx	68.018	222	38	14	5820	6013	13115	13331	1.38E-06	48.2
dunnart_Rsx_spliced	Koala_Rsx	70.968	93	16	2	9473	9565	17141	17222	1.38E-06	48.2
dunnart_Rsx_spliced	Koala_Rsx	67.368	190	40	8	9651	9828	18925	19104	1.38E-06	48.2
dunnart_Rsx_spliced	Koala_Rsx	74.468	94	20	4	9043	9134	20206	20297	1.38E-06	48.2
dunnart_Rsx_spliced	Koala_Rsx	81.818	55	8	2	10417	10471	20467	20519	1.38E-06	48.2
dunnart_Rsx_spliced	Koala_Rsx	63.757	676	151	34	4359	4984	12281	12912	4.82E-06	47.3
dunnart_Rsx_spliced	Koala_Rsx	64.684	269	57	10	9917	10163	20959	21211	4.82E-06	47.3
dunnart_Rsx_spliced	Koala_Rsx	66.387	238	41	13	3715	3931	11329	11548	4.82E-06	46.4
dunnart_Rsx_spliced	Koala_Rsx	62.54	622	132	26	4664	5216	12668	13257	4.82E-06	46.4
dunnart_Rsx_spliced	Koala_Rsx	71.094	128	23	7	11218	11337	19530	19651	4.82E-06	46.4
dunnart_Rsx_spliced	Koala_Rsx	74.286	70	18	0	11700	11769	23097	23166	4.82E-06	46.4
dunnart_Rsx_spliced	Koala_Rsx	71.875	96	20	3	3780	3869	11460	11554	1.68E-05	45.5
dunnart_Rsx_spliced	Koala_Rsx	63.299	485	104	21	5398	5834	11897	12355	1.68E-05	45.5

dunnart_Rsx_spliced	Koala_Rsx	67.114	149	28	5	7809	7937	12169	12316	1.68E-05	45.5
dunnart_Rsx_spliced	Koala_Rsx	66.883	154	25	6	3776	3903	12193	12346	1.68E-05	45.5
dunnart_Rsx_spliced	Koala_Rsx	71.287	101	17	4	4741	4832	12490	12587	1.68E-05	45.5
dunnart_Rsx_spliced	Koala_Rsx	68.452	168	25	10	5766	5910	13136	13298	1.68E-05	45.5
dunnart_Rsx_spliced	Koala_Rsx	76.471	68	13	2	5432	5498	13224	13289	1.68E-05	45.5
dunnart_Rsx_spliced	Koala_Rsx	66.667	150	36	3	5364	5499	13759	13908	1.68E-05	45.5
dunnart_Rsx_spliced	Koala_Rsx	91.176	34	2	1	11237	11269	16212	16245	1.68E-05	45.5
dunnart_Rsx_spliced	Koala_Rsx	83.333	42	7	0	13888	13929	21892	21933	1.68E-05	45.5
dunnart_Rsx_spliced	Koala_Rsx	90.625	32	3	0	11738	11769	22846	22877	1.68E-05	45.5
dunnart_Rsx_spliced	Koala_Rsx	81.818	44	8	0	1001	1044	7255	7298	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	74.444	90	15	5	7843	7929	7647	7731	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	81.818	44	8	0	1009	1052	9401	9444	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	74.324	74	14	2	1009	1077	9876	9949	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	74.324	74	14	2	1009	1077	11283	11356	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	75.758	66	15	1	7872	7937	11460	11524	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	67.097	155	23	7	3776	3903	11489	11642	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	74.324	74	14	2	1009	1077	11948	12021	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	64.667	300	78	10	5432	5716	12734	13020	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	66.667	174	38	6	6739	6902	12845	13008	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	67.265	223	41	13	6565	6759	13601	13819	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	88.235	34	4	0	11065	11098	16213	16246	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	67.123	146	22	6	8718	8853	19540	19669	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	71.134	97	19	3	10642	10733	20235	20327	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	66.207	145	21	5	9362	9495	20271	20398	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	72.619	84	18	2	9221	9301	20667	20748	1.68E-05	44.6
dunnart_Rsx_spliced	Koala_Rsx	86.111	36	5	0	7902	7937	9922	9957	5.87E-05	43.7
dunnart_Rsx_spliced	Koala_Rsx	86.111	36	5	0	7902	7937	10616	10651	5.87E-05	43.7
dunnart_Rsx_spliced	Koala_Rsx	86.111	36	5	0	7902	7937	10799	10834	5.87E-05	43.7
dunnart_Rsx_spliced	Koala_Rsx	68.31	142	27	6	3776	3903	11417	11554	5.87E-05	43.7

dunnart_Rsx_spliced	Koala_Rsx	67.816	174	27	10	3776	3927	12369	12535	5.87E-05	43.7
dunnart_Rsx_spliced	Koala_Rsx	67.816	174	27	10	3776	3927	13312	13478	5.87E-05	43.7
dunnart_Rsx_spliced	Koala_Rsx	64.63	311	55	16	4683	4971	13511	13788	5.87E-05	43.7
dunnart_Rsx_spliced	Koala_Rsx	76.19	63	14	1	10130	10192	17194	17255	5.87E-05	43.7
dunnart_Rsx_spliced	Koala_Rsx	68.75	112	17	4	8715	8818	19590	19691	5.87E-05	43.7
dunnart_Rsx_spliced	Koala_Rsx	72.619	84	19	2	9651	9732	20667	20748	5.87E-05	43.7
dunnart_Rsx_spliced	Koala_Rsx	75	64	7	2	14499	14562	22029	22083	5.87E-05	43.7
dunnart_Rsx_spliced	Koala_Rsx	79.167	48	10	0	1009	1056	7547	7594	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	75.439	57	7	1	1016	1065	10263	10319	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	72.289	83	18	2	7511	7589	10395	10476	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	92.857	28	2	0	7902	7929	10449	10476	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	66.667	165	39	5	7770	7929	11868	12021	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	62.624	1113	246	54	6527	7502	11897	12976	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	71.429	133	23	9	4263	4392	11994	12114	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	77.966	59	10	2	6486	6543	12281	12337	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	92.857	28	2	0	7902	7929	12941	12968	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	77.966	59	10	2	5432	5489	13136	13192	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	70.707	99	26	2	10569	10667	17152	17247	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	63.699	438	114	16	10315	10734	18502	18912	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	80	50	9	1	11230	11279	19067	19115	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	69.014	142	32	6	10244	10382	19295	19427	5.87E-05	42.8
dunnart_Rsx_spliced	Koala_Rsx	73.134	67	12	1	1187	1247	8137	8203	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	64.493	276	75	8	7605	7859	9897	10170	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	68.595	121	20	5	1009	1111	10061	10181	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	68.148	135	23	6	1016	1142	11488	11610	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	65.922	179	34	7	7639	7791	12169	12346	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	72.603	73	16	1	1009	1077	12896	12968	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	63.374	729	175	34	6486	7167	13136	13819	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	66.839	193	30	11	3726	3903	13242	13415	2.05E-04	41.9

dunnart_Rsx_spliced	Koala_Rsx	90.625	32	2	1	11309	11339	16550	16581	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	78	50	11	0	11230	11279	18266	18315	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	82.5	40	7	0	9360	9399	19304	19343	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	76.667	60	9	2	11223	11279	20716	20773	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	78	50	11	0	12870	12919	21745	21794	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	76.364	55	13	0	11715	11769	22670	22724	2.05E-04	41.9
dunnart_Rsx_spliced	Koala_Rsx	75.806	62	10	2	1009	1065	10403	10464	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	71.429	91	24	2	5088	5178	12164	12252	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	64.986	357	80	18	4493	4828	12203	12535	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	66.484	182	31	9	4246	4420	12888	13046	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	67.901	162	32	8	3756	3903	13333	13488	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	65.366	205	37	9	6536	6717	13446	13639	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	75.439	57	14	0	11378	11434	15681	15737	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	92.593	27	2	0	9221	9247	16272	16298	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	92.593	27	2	0	9221	9247	16332	16358	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	68.182	110	16	4	8779	8881	19027	19124	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	70.297	101	18	4	9466	9564	20207	20297	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	92.593	27	2	0	13177	13203	23197	23223	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	92.593	27	2	0	13843	13869	23197	23223	2.05E-04	41
dunnart_Rsx_spliced	Koala_Rsx	95.833	24	1	0	1009	1032	3916	3939	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	95.833	24	1	0	1009	1032	6110	6133	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	95.833	24	1	0	1009	1032	6136	6159	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	95.833	24	1	0	1009	1032	6202	6225	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	95.833	24	1	0	1009	1032	6235	6258	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	95.833	24	1	0	1009	1032	6966	6989	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	67.361	144	27	6	1016	1146	10351	10487	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	77.586	58	11	2	1021	1077	11708	11764	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	67.333	150	41	4	5432	5576	12082	12228	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	75.41	61	14	1	7877	7937	12169	12228	7.15E-04	40.1

dunnart_Rsx_spliced	Koala_Rsx	64.516	248	51	10	6536	6758	12352	12587	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	85.294	34	5	0	5432	5465	13027	13060	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	71.591	88	18	3	3788	3869	13203	13289	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	65.603	282	63	14	6428	6693	13234	13497	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	89.655	29	3	0	9220	9248	16711	16739	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	71.605	81	17	2	8937	9017	17152	17226	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	76.667	60	11	2	8726	8784	19878	19935	7.15E-04	40.1
dunnart_Rsx_spliced	Koala_Rsx	100	21	0	0	1009	1029	3825	3845	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	100	21	0	0	1009	1029	5116	5136	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	87.879	33	3	1	7983	8015	7675	7706	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	78.261	46	10	0	7510	7555	10431	10476	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	74.194	62	8	2	1012	1065	12935	12996	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	76.364	55	11	1	4270	4324	12994	13046	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	66.667	147	26	6	5434	5559	13673	13817	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	84.211	38	5	1	7991	8027	14983	15020	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	70.455	88	15	3	9650	9735	16711	16789	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	69.643	112	11	7	11238	11337	17537	17637	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	75.862	58	13	1	8726	8782	20580	20637	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	87.097	31	4	0	12181	12211	21626	21656	7.15E-04	39.2
dunnart_Rsx_spliced	Koala_Rsx	73.684	57	8	1	1016	1065	9921	9977	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	67.48	123	20	5	1009	1111	10938	11060	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	69.159	107	16	5	1021	1111	11115	11220	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	68.047	169	31	10	5118	5278	11232	11385	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	73.684	57	8	1	1016	1065	11328	11384	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	65.946	185	27	10	1297	1466	11488	11651	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	75.439	57	7	2	1016	1065	11736	11792	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	75.472	53	13	0	7537	7589	11969	12021	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	75.472	53	13	0	7571	7623	11969	12021	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	73.684	57	8	1	1016	1065	11993	12049	0.002	38.3

dunnart_Rsx_spliced	Koala_Rsx	79.592	49	7	2	5441	5488	13432	13478	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	79.592	49	7	2	5441	5488	13592	13638	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	71.287	101	25	4	9035	9134	16191	16288	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	69	100	20	3	9465	9564	16200	16288	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	75.41	61	6	3	9335	9392	17469	17523	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	71.875	64	10	1	11224	11279	19657	19720	0.002	38.3
dunnart_Rsx_spliced	Koala_Rsx	69.767	86	18	2	7810	7895	5752	5829	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	71.642	67	13	1	1161	1221	8137	8203	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	82.857	35	6	0	1297	1331	11576	11610	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	86.667	30	4	0	1297	1326	11736	11765	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	71.134	97	22	4	1205	1300	12218	12309	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	68.519	108	20	4	11223	11319	16608	16712	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	78.431	51	8	2	10684	10734	17147	17194	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	67.568	111	23	3	9778	9886	17156	17255	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	100	20	0	0	9221	9240	17236	17255	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	100	20	0	0	9651	9670	17236	17255	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	70.886	79	16	2	14200	14278	21577	21648	0.002	37.4
dunnart_Rsx_spliced	Koala_Rsx	78.571	42	9	0	7854	7895	3595	3636	0.009	36.5
dunnart_Rsx_spliced	Koala_Rsx	63.636	715	166	37	5364	6013	12845	13530	0.009	36.5
dunnart_Rsx_spliced	Koala_Rsx	71.717	99	17	6	5820	5910	13402	13497	0.009	36.5
dunnart_Rsx_spliced	Koala_Rsx	88.889	27	3	0	7911	7937	13432	13458	0.009	36.5
dunnart_Rsx_spliced	Koala_Rsx	71.717	99	17	6	5820	5910	13562	13657	0.009	36.5
dunnart_Rsx_spliced	Koala_Rsx	70.27	148	21	12	6067	6195	13602	13745	0.009	36.5
dunnart_Rsx_spliced	Koala_Rsx	80.488	41	6	1	8848	8888	17465	17503	0.009	36.5
dunnart_Rsx_spliced	Koala_Rsx	100	19	0	0	7911	7929	9392	9410	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	75.862	58	12	2	1021	1077	10587	10643	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	75.862	58	12	2	1021	1077	11460	11516	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	73.077	78	14	4	1356	1428	12280	12355	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	77.586	58	6	4	6067	6119	12300	12355	0.009	35.6

dunnart_Rsx_spliced	Koala_Rsx	82.353	34	6	0	5432	5465	12369	12402	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	77.586	58	6	4	6067	6119	13243	13298	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	82.353	34	6	0	5432	5465	13312	13345	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	66.968	221	37	15	5775	5972	13432	13639	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	77.586	58	6	4	6067	6119	13442	13497	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	79.487	39	8	0	1016	1054	13758	13796	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	73.846	65	14	2	6417	6479	13839	13902	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	70.423	71	10	2	8726	8792	19041	19104	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	67.619	105	16	4	10522	10611	20297	20398	0.009	35.6
dunnart_Rsx_spliced	Koala_Rsx	75.472	53	12	1	7041	7093	1408	1459	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	83.871	31	5	0	7899	7929	2579	2609	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	74.194	62	13	2	7869	7929	3498	3557	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	74.194	62	13	2	7869	7929	4565	4624	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	83.871	31	5	0	1297	1327	10615	10645	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	68.75	112	22	5	1016	1114	11071	11182	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	70.588	119	21	8	4359	4474	11994	12101	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	74.603	63	10	3	5159	5217	12845	12905	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	67.925	106	19	4	6428	6520	12951	13054	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	75.862	58	8	3	5918	5971	13136	13191	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	76.923	52	9	2	6428	6478	13146	13195	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	69.444	108	22	5	5118	5216	13511	13616	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	65.789	266	56	15	4274	4530	13593	13832	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	95.238	21	1	0	9651	9671	16332	16352	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	68.595	121	23	6	11227	11339	18624	18737	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	83.871	31	5	0	8754	8784	19317	19347	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	80.556	36	7	0	12804	12839	20023	20058	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	80.556	36	7	0	13462	13497	20023	20058	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	80.556	36	7	0	12804	12839	20757	20792	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	80.556	36	7	0	13462	13497	20757	20792	0.03	34.6

dunnart_Rsx_spliced	Koala_Rsx	95.238	21	1	0	12955	12975	21628	21648	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	95.238	21	1	0	13613	13633	21628	21648	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	95.238	21	1	0	14092	14112	21628	21648	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	95.238	21	1	0	14447	14467	21628	21648	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	95.238	21	1	0	14429	14449	22095	22115	0.03	34.6
dunnart_Rsx_spliced	Koala_Rsx	72.222	72	13	3	3616	3687	1367	1431	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	100	18	0	0	1015	1032	3889	3906	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	75.926	54	10	2	7877	7929	5718	5769	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	100	18	0	0	3475	3492	11940	11957	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	77.551	49	8	2	4274	4321	13146	13192	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	79.545	44	6	2	3889	3931	13242	13283	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	77.551	49	8	2	6431	6478	13684	13730	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	86.667	30	3	1	11311	11339	17990	18019	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	69.167	120	21	7	11230	11339	17995	18108	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	86.667	30	3	1	11311	11339	18228	18257	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	68.675	83	16	2	9739	9811	19310	19392	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	91.304	23	2	0	10929	10951	20374	20396	0.03	33.7
dunnart_Rsx_spliced	Koala_Rsx	91.304	23	2	0	14458	14480	22399	22421	0.03	33.7