

**Table S4.1. Annotation of diapause related genes.**

<i>Ae. aegypti</i> reference	Gene description	Putative <i>Ae. albopictus</i> duplicate?	Scaffold	Annotation source	Annotation type	Start coordinate	End coordinate	Strand
AAEL000188	elongase, putative	n	5228	GLEAN	mRNA	68395	83990	-
AAEL000188	elongase, putative	n	5228	GLEAN	UTR_5	83551	83990	-
AAEL000188	elongase, putative	n	5228	GLEAN	CDS	83490	83550	-
AAEL000188	elongase, putative	n	5228	GLEAN	CDS	83074	83405	-
AAEL000188	elongase, putative	n	5228	GLEAN	CDS	82900	83005	-
AAEL000188	elongase, putative	n	5228	GLEAN	CDS	69233	69369	-
AAEL000188	elongase, putative	n	5228	GLEAN	CDS	68814	68993	-
AAEL000188	elongase, putative	n	5228	GLEAN	UTR_3	68395	68813	-
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	gene	113672	126626	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	mRNA	113672	126626	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	exon	113672	114152	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	exon	114479	114656	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	exon	114722	114869	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	exon	126041	126626	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	exon	125823	125972	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	CDS	113672	114152	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	CDS	114479	114656	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	CDS	114722	114869	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	CDS	125823	125972	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	CDS	126041	126337	+
AAEL000238	Clip-Domain Serine Protease family D	y	4215	maker	three_prime_UTR	126338	126626	+
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	gene	159474	172764	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	mRNA	159474	172764	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	exon	171799	171976	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	exon	159474	160057	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	exon	160126	160275	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	exon	171587	171734	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	exon	172290	172764	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	CDS	172290	172764	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	CDS	171799	171976	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	CDS	171587	171734	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	CDS	160126	160275	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	CDS	159761	160057	-
AAEL000238	Clip-Domain Serine Protease family D	y	553	maker	three_prime_UTR	159474	159760	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	gene	3457	7899	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	mRNA	3457	7899	-

AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	exon	3457	3689	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	exon	3759	4129	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	exon	4332	7328	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	exon	7387	7899	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	five_prime_UTR	7788	7899	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	CDS	7387	7787	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	CDS	4332	7328	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	CDS	3759	4129	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	CDS	3625	3689	-
AAEL001036	ikappab kinase complex-associated protein	n	12079	maker	three_prime_UTR	3457	3624	-
AAEL001211	COMPASS component SWD2, putative	n	2288	maker	gene	160804	162366	-
AAEL001211	COMPASS component SWD2, putative	n	2288	maker	mRNA	160804	162366	-
AAEL001211	COMPASS component SWD2, putative	n	2288	maker	exon	160804	161180	-
AAEL001211	COMPASS component SWD2, putative	n	2288	maker	exon	161456	162366	-
AAEL001211	COMPASS component SWD2, putative	n	2288	maker	five_prime_UTR	162174	162366	-
AAEL001211	COMPASS component SWD2, putative	n	2288	maker	CDS	161456	162173	-
AAEL001211	COMPASS component SWD2, putative	n	2288	maker	CDS	160936	161180	-
AAEL001211	COMPASS component SWD2, putative	n	2288	maker	three_prime_UTR	160804	160935	-
AAEL001673	actin	n	378	GLEAN	mRNA	32858	36767	-
AAEL001673	actin	n	378	GLEAN	UTR_5	36592	36767	-
AAEL001673	actin	n	378	GLEAN	CDS	36552	36591	-
AAEL001673	actin	n	378	GLEAN	CDS	33259	34245	-
AAEL001673	actin	n	378	GLEAN	CDS	33069	33172	-
AAEL001673	actin	n	378	GLEAN	UTR_3	32858	33068	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	gene	119449	134120	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	mRNA	119449	124295	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	exon	122393	124295	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	exon	119449	120390	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	exon	120461	120774	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	exon	120885	121949	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	five_prime_UTR	124283	124295	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	CDS	122393	124282	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	CDS	120885	121949	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	CDS	120461	120774	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	CDS	119790	120390	-
AAEL001675	Clip-Domain Serine Protease family A	y	2161	maker	three_prime_UTR	119449	119789	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	gene	400081	416927	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	mRNA	400081	404917	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	exon	403018	404917	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	exon	400081	401022	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	exon	401089	401399	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	exon	401510	402574	-

AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	five_prime_UTR	404905	404917	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	CDS	403018	404904	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	CDS	401510	402574	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	CDS	401089	401399	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	CDS	400422	401022	-
AAEL001675	Clip-Domain Serine Protease family A	y	476	maker	three_prime_UTR	400081	400421	-
AAEL001764	putative	n	4944	GLEAN	mRNA	93157	94058	+
AAEL001764	putative	n	4944	GLEAN	UTR_5	93157	93407	+
AAEL001764	putative	n	4944	GLEAN	CDS	93408	93678	+
AAEL001764	putative	n	4944	GLEAN	CDS	93746	93837	+
AAEL001764	putative	n	4944	GLEAN	UTR_3	93838	94058	+
AAEL001764	putative	n	5227	GLEAN	mRNA	45356	46162	+
AAEL001764	putative	n	5227	GLEAN	UTR_5	45356	45519	+
AAEL001764	putative	n	5227	GLEAN	CDS	45520	45790	+
AAEL001764	putative	n	5227	GLEAN	CDS	45850	45941	+
AAEL001764	putative	n	5227	GLEAN	UTR_3	45942	46162	+
AAEL002067	cytochrome P450	n	460	maker	gene	285118	302537	+
AAEL002067	cytochrome P450	n	460	maker	mRNA	285118	302537	+
AAEL002067	cytochrome P450	n	460	maker	exon	285118	285259	+
AAEL002067	cytochrome P450	n	460	maker	exon	300854	301337	+
AAEL002067	cytochrome P450	n	460	maker	exon	301399	301579	+
AAEL002067	cytochrome P450	n	460	maker	exon	301637	302180	+
AAEL002067	cytochrome P450	n	460	maker	exon	302236	302537	+
AAEL002067	cytochrome P450	n	460	maker	five_prime_UTR	285118	285174	+
AAEL002067	cytochrome P450	n	460	maker	CDS	285175	285259	+
AAEL002067	cytochrome P450	n	460	maker	CDS	300854	301337	+
AAEL002067	cytochrome P450	n	460	maker	CDS	301399	301579	+
AAEL002067	cytochrome P450	n	460	maker	CDS	301637	302180	+
AAEL002067	cytochrome P450	n	460	maker	CDS	302236	302420	+
AAEL002067	cytochrome P450	n	460	maker	three_prime_UTR	302421	302537	+
AAEL002110	cuticle protein, putative	n	779	exonerate	expressed_sequence_match	51678	52579	+
AAEL002110	cuticle protein, putative	n	779	exonerate	match_part	51678	51929	+
AAEL002110	cuticle protein, putative	n	779	exonerate	match_part	51998	52223	+
AAEL002110	cuticle protein, putative	n	779	exonerate	match_part	52301	52579	+
AAEL002618	odorant binding protein OBP65	n	5096	maker	gene	54888	55564	+
AAEL002618	odorant binding protein OBP65	n	5096	maker	mRNA	54999	55564	+
AAEL002618	odorant binding protein OBP65	n	5096	maker	exon	55284	55564	+
AAEL002618	odorant binding protein OBP65	n	5096	maker	exon	54999	55218	+
AAEL002618	odorant binding protein OBP65	n	5096	maker	five_prime_UTR	54999	55080	+
AAEL002618	odorant binding protein OBP65	n	5096	maker	CDS	55081	55218	+
AAEL002618	odorant binding protein OBP65	n	5096	maker	CDS	55284	55520	+

AAEL002618	odorant binding protein OBP65	n	5096	maker	three_prime_UTR	55521	55564	+
AAEL002772	chromo domain protein	n	10760	maker	gene	12117	13706	-
AAEL002772	chromo domain protein	n	10760	maker	mRNA	12117	13706	-
AAEL002772	chromo domain protein	n	10760	maker	exon	12117	13304	-
AAEL002772	chromo domain protein	n	10760	maker	exon	13377	13494	-
AAEL002772	chromo domain protein	n	10760	maker	exon	13561	13706	-
AAEL002772	chromo domain protein	n	10760	maker	five_prime_UTR	13589	13706	-
AAEL002772	chromo domain protein	n	10760	maker	CDS	13561	13588	-
AAEL002772	chromo domain protein	n	10760	maker	CDS	13377	13494	-
AAEL002772	chromo domain protein	n	10760	maker	CDS	12266	13304	-
AAEL002772	chromo domain protein	n	10760	maker	three_prime_UTR	12117	12265	-
AAEL003049	pupal cuticle protein 78E, putative	y	10554	exonerate	expressed_sequence_mat ch	11878	13496	-
AAEL003049	pupal cuticle protein 78E, putative	y	10554	exonerate	match_part	13202	13496	-
AAEL003049	pupal cuticle protein 78E, putative	y	10554	exonerate	match_part	12824	13077	-
AAEL003049	pupal cuticle protein 78E, putative	y	10554	exonerate	match_part	11878	12762	-
AAEL003049	pupal cuticle protein 78E, putative	y	3655	maker	gene	143921	145549	+
AAEL003049	pupal cuticle protein 78E, putative	y	3655	maker	mRNA	143921	145549	+
AAEL003049	pupal cuticle protein 78E, putative	y	3655	maker	exon	144687	145549	+
AAEL003049	pupal cuticle protein 78E, putative	y	3655	maker	exon	144368	144621	+
AAEL003049	pupal cuticle protein 78E, putative	y	3655	maker	exon	143921	144243	+
AAEL003049	pupal cuticle protein 78E, putative	y	3655	maker	five_prime_UTR	143921	143952	+
AAEL003049	pupal cuticle protein 78E, putative	y	3655	maker	CDS	143953	144243	+
AAEL003049	pupal cuticle protein 78E, putative	y	3655	maker	CDS	144368	144621	+
AAEL003049	pupal cuticle protein 78E, putative	y	3655	maker	CDS	144687	145194	+
AAEL003049	pupal cuticle protein 78E, putative	y	3655	maker	three_prime_UTR	145195	145549	+
AAEL003140	retinoblastoma binding protein	n	4894	maker	gene	27616	29734	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	mRNA	27616	29734	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	exon	27616	27903	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	exon	27963	28603	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	exon	28662	28781	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	exon	28851	29032	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	exon	29095	29522	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	exon	29603	29734	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	five_prime_UTR	29622	29734	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	CDS	29603	29621	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	CDS	29095	29522	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	CDS	28851	29032	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	CDS	28662	28781	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	CDS	27963	28603	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	CDS	27818	27903	-
AAEL003140	retinoblastoma binding protein	n	4894	maker	three_prime_UTR	27616	27817	-

AAEL003517	conserved hypothetical protein	n	297	maker	gene	29230	31668	+
AAEL003517	conserved hypothetical protein	n	297	maker	mRNA	29230	31668	+
AAEL003517	conserved hypothetical protein	n	297	maker	exon	29230	30844	+
AAEL003517	conserved hypothetical protein	n	297	maker	exon	30926	31323	+
AAEL003517	conserved hypothetical protein	n	297	maker	exon	31394	31668	+
AAEL003517	conserved hypothetical protein	n	297	maker	five_prime_UTR	29230	29644	+
AAEL003517	conserved hypothetical protein	n	297	maker	CDS	29645	30844	+
AAEL003517	conserved hypothetical protein	n	297	maker	CDS	30926	31323	+
AAEL003517	conserved hypothetical protein	n	297	maker	CDS	31394	31436	+
AAEL003517	conserved hypothetical protein	n	297	maker	three_prime_UTR	31437	31668	+
AAEL003674	conserved hypothetical protein	n	48	maker	gene	756651	759126	-
AAEL003674	conserved hypothetical protein	n	48	maker	mRNA	756651	759126	-
AAEL003674	conserved hypothetical protein	n	48	maker	exon	756651	756874	-
AAEL003674	conserved hypothetical protein	n	48	maker	exon	756945	757059	-
AAEL003674	conserved hypothetical protein	n	48	maker	exon	757128	757605	-
AAEL003674	conserved hypothetical protein	n	48	maker	exon	758085	758212	-
AAEL003674	conserved hypothetical protein	n	48	maker	exon	758979	759126	-
AAEL003674	conserved hypothetical protein	n	48	maker	five_prime_UTR	759124	759126	-
AAEL003674	conserved hypothetical protein	n	48	maker	CDS	758979	759123	-
AAEL003674	conserved hypothetical protein	n	48	maker	CDS	758085	758212	-
AAEL003674	conserved hypothetical protein	n	48	maker	CDS	757128	757605	-
AAEL003674	conserved hypothetical protein	n	48	maker	CDS	756945	757059	-
AAEL003674	conserved hypothetical protein	n	48	maker	CDS	756850	756874	-
AAEL003674	conserved hypothetical protein	n	48	maker	three_prime_UTR	756651	756849	-
AAEL003921	ubiquitin, putative	n	3968	maker	gene	155027	155708	-
AAEL003921	ubiquitin, putative	n	3968	maker	mRNA	155027	155708	-
AAEL003921	ubiquitin, putative	n	3968	maker	exon	155027	155462	-
AAEL003921	ubiquitin, putative	n	3968	maker	exon	155522	155708	-
AAEL003921	ubiquitin, putative	n	3968	maker	five_prime_UTR	155570	155708	-
AAEL003921	ubiquitin, putative	n	3968	maker	CDS	155522	155569	-
AAEL003921	ubiquitin, putative	n	3968	maker	CDS	155109	155462	-
AAEL003921	ubiquitin, putative	n	3968	maker	three_prime_UTR	155027	155108	-
AAEL003968	helicase	n	912	maker	gene	34760	45063	+
AAEL003968	helicase	n	912	maker	mRNA	34760	45063	+
AAEL003968	helicase	n	912	maker	mRNA	34760	45063	+
AAEL003968	helicase	n	912	maker	exon	34760	36151	+
AAEL003968	helicase	n	912	maker	exon	42538	43524	+
AAEL003968	helicase	n	912	maker	exon	44237	45063	+
AAEL003968	helicase	n	912	maker	five_prime_UTR	34760	34807	+
AAEL003968	helicase	n	912	maker	CDS	34808	36151	+
AAEL003968	helicase	n	912	maker	CDS	42538	43524	+
AAEL003968	helicase	n	912	maker	CDS	44237	44647	+

AAEL003968	helicase	n	912	maker	three_prime_UTR	44648	45063	+
AAEL004004	chromatin regulatory protein sir2	y	578	maker	gene	383817	385140	-
AAEL004004	chromatin regulatory protein sir2	y	578	maker	mRNA	383817	385140	-
AAEL004004	chromatin regulatory protein sir2	y	578	maker	exon	383817	384810	-
AAEL004004	chromatin regulatory protein sir2	y	578	maker	exon	384882	385140	-
AAEL004004	chromatin regulatory protein sir2	y	578	maker	five_prime_UTR	385063	385140	-
AAEL004004	chromatin regulatory protein sir2	y	578	maker	CDS	384882	385062	.
AAEL004004	chromatin regulatory protein sir2	y	578	maker	CDS	384059	384810	-
AAEL004004	chromatin regulatory protein sir2	y	578	maker	three_prime_UTR	383817	384058	-
AAEL004004	chromatin regulatory protein sir2	y	628	maker	gene	158630	159953	-
AAEL004004	chromatin regulatory protein sir2	y	628	maker	mRNA	158630	159953	-
AAEL004004	chromatin regulatory protein sir2	y	628	maker	exon	158630	159623	-
AAEL004004	chromatin regulatory protein sir2	y	628	maker	exon	159695	159953	-
AAEL004004	chromatin regulatory protein sir2	y	628	maker	five_prime_UTR	159876	159953	-
AAEL004004	chromatin regulatory protein sir2	y	628	maker	CDS	159695	159875	-
AAEL004004	chromatin regulatory protein sir2	y	628	maker	CDS	158872	159623	-
AAEL004004	chromatin regulatory protein sir2	y	628	maker	three_prime_UTR	158630	158871	-
AAEL004146	cryptochrome 1	n	10370	maker	gene	32452	54508	-
AAEL004146	cryptochrome 1	n	10370	maker	mRNA	32452	54508	-
AAEL004146	cryptochrome 1	n	10370	maker	exon	32452	33011	-
AAEL004146	cryptochrome 1	n	10370	maker	exon	35140	35388	-
AAEL004146	cryptochrome 1	n	10370	maker	exon	35455	36119	-
AAEL004146	cryptochrome 1	n	10370	maker	exon	36443	36777	-
AAEL004146	cryptochrome 1	n	10370	maker	exon	53979	54508	-
AAEL004146	cryptochrome 1	n	10370	maker	five_prime_UTR	54133	54508	-
AAEL004146	cryptochrome 1	n	10370	maker	CDS	53979	54132	-
AAEL004146	cryptochrome 1	n	10370	maker	CDS	36443	36777	-
AAEL004146	cryptochrome 1	n	10370	maker	CDS	35455	36119	-
AAEL004146	cryptochrome 1	n	10370	maker	CDS	35140	35388	-
AAEL004146	cryptochrome 1	n	10370	maker	CDS	32768	33011	-
AAEL004146	cryptochrome 1	n	10370	maker	three_prime_UTR	32452	32767	-
AAEL004182	conserved hypothetical protein	n	10551	maker	gene	39450	41364	-
AAEL004182	conserved hypothetical protein	n	10551	maker	mRNA	39450	41364	-
AAEL004182	conserved hypothetical protein	n	10551	maker	exon	39450	39673	-
AAEL004182	conserved hypothetical protein	n	10551	maker	exon	39743	41078	-
AAEL004182	conserved hypothetical protein	n	10551	maker	exon	41174	41364	-
AAEL004182	conserved hypothetical protein	n	10551	maker	five_prime_UTR	41266	41364	-
AAEL004182	conserved hypothetical protein	n	10551	maker	CDS	41174	41265	-
AAEL004182	conserved hypothetical protein	n	10551	maker	CDS	39743	41078	-
AAEL004182	conserved hypothetical protein	n	10551	maker	CDS	39581	39673	-
AAEL004182	conserved hypothetical protein	n	10551	maker	three_prime_UTR	39450	39580	-

AAEL004280	Osiris, putative	n	2247	exonerate	expressed_sequence_match	196620	197898	+
AAEL004280	Osiris, putative	n	2247	exonerate	match_part	196620	196871	+
AAEL004280	Osiris, putative	n	2247	exonerate	match_part	196895	197898	+
AAEL004574	SAGA-associated factor 11 homolog	y	3540	cufflinks	mRNA	34370	40882	+
AAEL004574	SAGA-associated factor 11 homolog	y	3540	cufflinks	UTR_5	34370	34524	+
AAEL004574	SAGA-associated factor 11 homolog	y	3540	cufflinks	CDS	34525	34885	+
AAEL004574	SAGA-associated factor 11 homolog	y	3540	cufflinks	CDS	40125	40306	+
AAEL004574	SAGA-associated factor 11 homolog	y	3540	cufflinks	UTR_3	40307	40882	+
AAEL004574	SAGA-associated factor 11 homolog	y	5236	cufflinks	mRNA	75534	78299	+
AAEL004574	SAGA-associated factor 11 homolog	y	5236	cufflinks	UTR_5	75534	75673	+
AAEL004574	SAGA-associated factor 11 homolog	y	5236	cufflinks	CDS	75674	76034	+
AAEL004574	SAGA-associated factor 11 homolog	y	5236	cufflinks	CDS	77542	77723	+
AAEL004574	SAGA-associated factor 11 homolog	y	5236	cufflinks	UTR_3	77724	78299	+
AAEL004675	conserved hypothetical protein	n	1828	maker	gene	109147	111544	-
AAEL004675	conserved hypothetical protein	n	1828	maker	mRNA	109147	111544	-
AAEL004675	conserved hypothetical protein	n	1828	maker	exon	110856	111544	-
AAEL004675	conserved hypothetical protein	n	1828	maker	exon	109147	109556	-
AAEL004675	conserved hypothetical protein	n	1828	maker	exon	109617	110016	-
AAEL004675	conserved hypothetical protein	n	1828	maker	exon	110115	110787	-
AAEL004675	conserved hypothetical protein	n	1828	maker	five_prime_UTR	111115	111544	-
AAEL004675	conserved hypothetical protein	n	1828	maker	CDS	110856	111114	-
AAEL004675	conserved hypothetical protein	n	1828	maker	CDS	110115	110787	-
AAEL004675	conserved hypothetical protein	n	1828	maker	CDS	109617	110016	-
AAEL004675	conserved hypothetical protein	n	1828	maker	CDS	109398	109556	-
AAEL004675	conserved hypothetical protein	n	1828	maker	three_prime_UTR	109147	109397	-
AAEL004870	cytochrome P450	n	6622	exonerate	expressed_sequence_match	71434	81812	+
AAEL004870	cytochrome P450	n	6622	exonerate	match_part	71434	72138	+
AAEL004870	cytochrome P450	n	6622	exonerate	match_part	76735	76856	+
AAEL004870	cytochrome P450	n	6622	exonerate	match_part	76953	77382	+
AAEL004870	cytochrome P450	n	6622	exonerate	match_part	77476	77740	+
AAEL004870	cytochrome P450	n	6622	exonerate	match_part	79338	81812	+
AAEL004983	Inhibitor of growth proteining, ing4	n	4939	GLEAN	mRNA	86505	99281	-
AAEL004983	Inhibitor of growth proteining, ing4	n	4939	GLEAN	UTR_5	99120	99281	-
AAEL004983	Inhibitor of growth proteining, ing4	n	4939	GLEAN	CDS	99163	99199	-
AAEL004983	Inhibitor of growth proteining, ing4	n	4939	GLEAN	CDS	98525	99090	-
AAEL004983	Inhibitor of growth proteining, ing4	n	4939	GLEAN	CDS	87182	87337	-
AAEL004983	Inhibitor of growth proteining, ing4	n	4939	GLEAN	CDS	87012	87113	-
AAEL004983	Inhibitor of growth proteining, ing4	n	4939	GLEAN	UTR_3	86505	87011	-
AAEL005255	PAR-domain protein 1	n	1990	maker	gene	42223	70158	+
AAEL005255	PAR-domain protein 1	n	1990	maker	mRNA	42223	70158	+

AAEL005255	PAR-domain protein 1	n	1990	maker	exon	42223	42381	+
AAEL005255	PAR-domain protein 1	n	1990	maker	exon	53364	53592	+
AAEL005255	PAR-domain protein 1	n	1990	maker	exon	66382	66638	+
AAEL005255	PAR-domain protein 1	n	1990	maker	exon	69782	70158	+
AAEL005255	PAR-domain protein 1	n	1990	maker	CDS	42223	42381	+
AAEL005255	PAR-domain protein 1	n	1990	maker	CDS	53364	53592	+
AAEL005255	PAR-domain protein 1	n	1990	maker	CDS	66382	66638	+
AAEL005255	PAR-domain protein 1	n	1990	maker	CDS	69782	69868	+
AAEL005255	PAR-domain protein 1	n	1990	maker	three_prime_UTR	69869	70158	+
AAEL006013	huntingtin interacting protein	n	2761	GLEAN	mRNA	133783	161252	-
AAEL006013	huntingtin interacting protein	n	2761	GLEAN	CDS	161151	161252	-
AAEL006013	huntingtin interacting protein	n	2761	GLEAN	CDS	154666	155211	-
AAEL006013	huntingtin interacting protein	n	2761	GLEAN	CDS	148556	154583	-
AAEL006013	huntingtin interacting protein	n	2761	GLEAN	CDS	134695	134900	-
AAEL006013	huntingtin interacting protein	n	2761	GLEAN	CDS	134031	134633	-
AAEL006013	huntingtin interacting protein	n	2761	GLEAN	CDS	133783	133962	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	gene	50503	64109	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	mRNA	50503	64109	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	exon	50503	51177	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	exon	51399	51812	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	exon	53614	53800	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	exon	53857	53955	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	exon	54019	55463	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	exon	59775	60333	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	exon	60394	63241	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	exon	63551	64109	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	five_prime_UTR	63721	64109	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	CDS	63551	63720	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	CDS	60394	63241	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	CDS	59775	60333	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	CDS	54019	55463	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	CDS	53857	53955	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	CDS	53614	53800	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	CDS	51399	51812	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	CDS	50582	51177	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	8627	maker	three_prime_UTR	50503	50581	-
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	gene	45990	57790	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	mRNA	45990	57790	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	exon	45990	46552	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	exon	47383	50230	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	exon	50305	50863	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	exon	53006	54450	+



AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	exon	54514	54612	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	exon	54670	54856	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	exon	56481	56894	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	exon	57116	57790	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	exon	52995	54450	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	five_prime_UTR	45990	46373	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	CDS(tentative)	46374	46552	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	CDS	47383	50230	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	CDS	50305	50863	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	CDS	53006	54450	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	CDS	54514	54612	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	CDS	54670	54856	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	CDS	56481	56894	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	CDS	57116	57711	+
AAEL006082	transcription initiation factor TFIID subunit 1	y	9666	maker	three_prime_UTR	57712	57790	+
AAEL006280	juvenile hormone acid methyltransferase, putative	n	4569	exonerate	expressed_sequence_match	32675	41351	+
AAEL006280	juvenile hormone acid methyltransferase, putative	n	4569	exonerate	match_part	32675	33138	+
AAEL006280	juvenile hormone acid methyltransferase, putative	n	4569	exonerate	match_part	40048	40328	+
AAEL006280	juvenile hormone acid methyltransferase, putative	n	4569	exonerate	match_part	40426	41351	+
AAEL006655	chromatin regulatory protein sir2	n	4128	GLEAN	mRNA	117314	119935	-
AAEL006655	chromatin regulatory protein sir2	n	4128	GLEAN	UTR_5	119683	119935	-
AAEL006655	chromatin regulatory protein sir2	n	4128	GLEAN	CDS	119557	119682	-
AAEL006655	chromatin regulatory protein sir2	n	4128	GLEAN	CDS	117314	119485	-
AAEL006782	protein arginine n-methyltransferase	n	8070	GLEAN	mRNA	63057	79560	+
AAEL006782	protein arginine n-methyltransferase	n	8070	GLEAN	CDS	63057	63561	+
AAEL006782	protein arginine n-methyltransferase	n	8070	GLEAN	CDS	78340	79610	+
AAEL006782	protein arginine n-methyltransferase	n	8070	GLEAN	UTR_3	79611	79560	+
AAEL006789	tbp-associated factor	y	4299	maker	gene	152150	153228	+
AAEL006789	tbp-associated factor	y	4299	maker	mRNA	152150	153228	+
AAEL006789	tbp-associated factor	y	4299	maker	exon	152493	153228	+
AAEL006789	tbp-associated factor	y	4299	maker	exon	152272	152434	+
AAEL006789	tbp-associated factor	y	4299	maker	exon	152150	152211	+
AAEL006789	tbp-associated factor	y	4299	maker	five_prime_UTR	152150	152202	+
AAEL006789	tbp-associated factor	y	4299	maker	CDS	152203	152211	+
AAEL006789	tbp-associated factor	y	4299	maker	CDS	152272	152434	+
AAEL006789	tbp-associated factor	y	4299	maker	CDS	152493	153118	+
AAEL006789	tbp-associated factor	y	4299	maker	three_prime_UTR	153119	153228	+
AAEL006789	tbp-associated factor	y	1193	maker	gene	192590	193668	+

AAEL006789	tbp-associated factor	y	1193	maker	mRNA	192590	193668	+
AAEL006789	tbp-associated factor	y	1193	maker	exon	192933	193668	+
AAEL006789	tbp-associated factor	y	1193	maker	exon	192712	192874	+
AAEL006789	tbp-associated factor	y	1193	maker	exon	192590	192651	+
AAEL006789	tbp-associated factor	y	1193	maker	five_prime_UTR	192590	192642	+
AAEL006789	tbp-associated factor	y	1193	maker	CDS	192643	192651	+
AAEL006789	tbp-associated factor	y	1193	maker	CDS	192712	192874	+
AAEL006789	tbp-associated factor	y	1193	maker	CDS	192933	193558	+
AAEL006789	tbp-associated factor	y	1193	maker	three_prime_UTR	193559	193668	+
AAEL006963	conserved hypothetical protein	n	16459	maker	gene	2765	9562	+
AAEL006963	conserved hypothetical protein	n	16459	maker	mRNA	2765	9562	+
AAEL006963	conserved hypothetical protein	n	16459	maker	exon	2765	3394	+
AAEL006963	conserved hypothetical protein	n	16459	maker	exon	3536	4562	+
AAEL006963	conserved hypothetical protein	n	16459	maker	exon	4624	4774	+
AAEL006963	conserved hypothetical protein	n	16459	maker	exon	8918	9049	+
AAEL006963	conserved hypothetical protein	n	16459	maker	exon	9119	9562	+
AAEL006963	conserved hypothetical protein	n	16459	maker	five_prime_UTR	2765	2838	+
AAEL006963	conserved hypothetical protein	n	16459	maker	CDS	2839	3394	+
AAEL006963	conserved hypothetical protein	n	16459	maker	CDS	3536	4562	+
AAEL006963	conserved hypothetical protein	n	16459	maker	CDS	4624	4774	+
AAEL006963	conserved hypothetical protein	n	16459	maker	CDS	8918	9049	+
AAEL006963	conserved hypothetical protein	n	16459	maker	CDS	9119	9499	+
AAEL006963	conserved hypothetical protein	n	16459	maker	three_prime_UTR	9500	9562	+
AAEL007070	lipase	n	1912	maker	gene	125345	126507	-
AAEL007070	lipase	n	1912	maker	mRNA	125345	126507	-
AAEL007070	lipase	n	1912	maker	exon	125345	126388	-
AAEL007070	lipase	n	1912	maker	exon	126451	126507	-
AAEL007070	lipase	n	1912	maker	five_prime_UTR	126500	126507	-
AAEL007070	lipase	n	1912	maker	CDS	126451	126499	-
AAEL007070	lipase	n	1912	maker	CDS	125421	126388	-
AAEL007070	lipase	n	1912	maker	three_prime_UTR	125345	125420	-
AAEL007157	hypothetical protein	n	841	maker	gene	261329	269697	-
AAEL007157	hypothetical protein	n	841	maker	mRNA	261329	269697	-
AAEL007157	hypothetical protein	n	841	maker	exon	266572	266784	-
AAEL007157	hypothetical protein	n	841	maker	exon	266838	267912	-
AAEL007157	hypothetical protein	n	841	maker	exon	269065	269168	-
AAEL007157	hypothetical protein	n	841	maker	exon	269194	269349	-
AAEL007157	hypothetical protein	n	841	maker	exon	269415	269697	-
AAEL007157	hypothetical protein	n	841	maker	exon	261329	264088	-
AAEL007157	hypothetical protein	n	841	maker	exon	264148	264278	-
AAEL007157	hypothetical protein	n	841	maker	exon	264471	264685	-
AAEL007157	hypothetical protein	n	841	maker	exon	264752	264999	-

AAEL007157	hypothetical protein	n	841	maker	exon	265067	265122	-
AAEL007157	hypothetical protein	n	841	maker	five_prime_UTR	269415	269697	-
AAEL007157	hypothetical protein	n	841	maker	five_prime_UTR	269194	269349	-
AAEL007157	hypothetical protein	n	841	maker	five_prime_UTR	269152	269168	-
AAEL007157	hypothetical protein	n	841	maker	CDS	269065	269151	-
AAEL007157	hypothetical protein	n	841	maker	CDS	266838	267912	-
AAEL007157	hypothetical protein	n	841	maker	CDS	266572	266784	-
AAEL007157	hypothetical protein	n	841	maker	CDS	265067	265122	-
AAEL007157	hypothetical protein	n	841	maker	CDS	264752	264999	-
AAEL007157	hypothetical protein	n	841	maker	CDS	264471	264685	-
AAEL007157	hypothetical protein	n	841	maker	CDS	264148	264278	-
AAEL007157	hypothetical protein	n	841	maker	CDS	261650	264088	-
AAEL007157	hypothetical protein	n	841	maker	three_prime_UTR	261329	261649	-
AAEL007216	elongase, putative	y	5347	exonerate	expressed_sequence_match	9291	51733	+
AAEL007216	elongase, putative	y	5347	exonerate	match_part	9291	9437	+
AAEL007216	elongase, putative	y	5347	exonerate	match_part	28806	28973	+
AAEL007216	elongase, putative	y	5347	exonerate	match_part	30117	30173	+
AAEL007216	elongase, putative	y	5347	exonerate	match_part	36168	36273	+
AAEL007216	elongase, putative	y	5347	exonerate	match_part	38939	39075	+
AAEL007216	elongase, putative	y	5347	exonerate	match_part	39160	39312	+
AAEL007216	elongase, putative	y	5347	exonerate	match_part	50665	51733	+
AAEL007216	elongase, putative	y	5365	maker	gene	8897	23334	-
AAEL007216	elongase, putative	y	5365	maker	mRNA	8897	23334	-
AAEL007216	elongase, putative	y	5365	maker	exon	8897	9003	-
AAEL007216	elongase, putative	y	5365	maker	exon	23155	23334	-
AAEL007216	elongase, putative	y	5365	maker	five_prime_UTR	23318	23334	-
AAEL007216	elongase, putative	y	5365	maker	CDS	23155	23317	-
AAEL007216	elongase, putative	y	5365	maker	CDS	8897	9003	-
AAEL007360	lethal(3)malignant brain tumor	n	1024	maker	gene	208474	219411	+
AAEL007360	lethal(3)malignant brain tumor	n	1024	maker	mRNA	208474	219411	+
AAEL007360	lethal(3)malignant brain tumor	n	1024	maker	exon	208474	209629	+
AAEL007360	lethal(3)malignant brain tumor	n	1024	maker	exon	219142	219411	+
AAEL007360	lethal(3)malignant brain tumor	n	1024	maker	five_prime_UTR	208474	208966	+
AAEL007360	lethal(3)malignant brain tumor	n	1024	maker	CDS	208967	209629	+
AAEL007360	lethal(3)malignant brain tumor	n	1024	maker	CDS	219142	219411	+
AAEL007397	Ecdysone-induced protein 75B isoform A Nuclear receptor	n	564	maker	gene	255473	266306	-
AAEL007397	Ecdysone-induced protein 75B isoform A Nuclear receptor	n	564	maker	mRNA	255473	266306	-
AAEL007397	Ecdysone-induced protein 75B isoform A Nuclear receptor	n	564	maker	exon	255473	258268	-

AAEL007397	Ecdysone-induced protein 75B isoform A Nuclear receptor	n	564	maker	exon	262455	262690	-
AAEL007397	Ecdysone-induced protein 75B isoform A Nuclear receptor	n	564	maker	exon	265294	266306	-
AAEL007397	Ecdysone-induced protein 75B isoform A Nuclear receptor	n	564	maker	five_prime_UTR	265358	266306	-
AAEL007397	Ecdysone-induced protein 75B isoform A Nuclear receptor	n	564	maker	CDS	265294	265357	-
AAEL007397	Ecdysone-induced protein 75B isoform A Nuclear receptor	n	564	maker	CDS	262455	262690	-
AAEL007397	Ecdysone-induced protein 75B isoform A Nuclear receptor	n	564	maker	CDS	256091	258268	-
AAEL007397	Ecdysone-induced protein 75B isoform A Nuclear receptor	n	564	maker	three_prime_UTR	255473	256090	-
AAEL007466	putative	n	10142	maker	gene	39686	40528	+
AAEL007466	putative	n	10142	maker	mRNA	39686	40528	+
AAEL007466	putative	n	10142	maker	exon	39686	39934	+
AAEL007466	putative	n	10142	maker	exon	39994	40528	+
AAEL007466	putative	n	10142	maker	five_prime_UTR	39686	39817	+
AAEL007466	putative	n	10142	maker	CDS	39818	39934	+
AAEL007466	putative	n	10142	maker	CDS	39994	40428	+
AAEL007466	putative	n	10142	maker	three_prime_UTR	40429	40528	+
AAEL007558	helicase	n	7232	maker	gene	81182	88788	-
AAEL007558	helicase	n	7232	maker	mRNA	81182	88788	-
AAEL007558	helicase	n	7232	maker	exon	81182	81687	-
AAEL007558	helicase	n	7232	maker	exon	81751	81934	-
AAEL007558	helicase	n	7232	maker	exon	81998	82312	-
AAEL007558	helicase	n	7232	maker	exon	82376	82523	-
AAEL007558	helicase	n	7232	maker	exon	85624	85781	-
AAEL007558	helicase	n	7232	maker	exon	85844	85984	-
AAEL007558	helicase	n	7232	maker	exon	86050	87557	-
AAEL007558	helicase	n	7232	maker	exon	88323	88788	-
AAEL007558	helicase	n	7232	maker	five_prime_UTR	88387	88788	-
AAEL007558	helicase	n	7232	maker	CDS	88323	88386	-
AAEL007558	helicase	n	7232	maker	CDS	86050	87557	-
AAEL007558	helicase	n	7232	maker	CDS	85844	85984	-
AAEL007558	helicase	n	7232	maker	CDS	85624	85781	-
AAEL007558	helicase	n	7232	maker	CDS	82376	82523	-
AAEL007558	helicase	n	7232	maker	CDS	81998	82312	-
AAEL007558	helicase	n	7232	maker	CDS	81751	81934	-
AAEL007558	helicase	n	7232	maker	CDS	81554	81687	-
AAEL007558	helicase	n	7232	maker	three_prime_UTR	81182	81553	-

AAEL007578	shk1 kinase-binding protein	n	1206	maker	gene	24246	26556	+
AAEL007578	shk1 kinase-binding protein	n	1206	maker	mRNA	24246	26556	+
AAEL007578	shk1 kinase-binding protein	n	1206	maker	exon	25913	26556	+
AAEL007578	shk1 kinase-binding protein	n	1206	maker	exon	24246	25703	+
AAEL007578	shk1 kinase-binding protein	n	1206	maker	five_prime_UTR	24246	24355	+
AAEL007578	shk1 kinase-binding protein	n	1206	maker	CDS	24356	25703	+
AAEL007578	shk1 kinase-binding protein	n	1206	maker	CDS	25913	26445	+
AAEL007578	shk1 kinase-binding protein	n	1206	maker	three_prime_UTR	26446	26556	+
AAEL008084	phosphatidylserine receptor	n	5476	GLEAN	mRNA	21961	40766	-
AAEL008084	phosphatidylserine receptor	n	5476	GLEAN	CDS	40685	40766	-
AAEL008084	phosphatidylserine receptor	n	5476	GLEAN	CDS	40264	40622	-
AAEL008084	phosphatidylserine receptor	n	5476	GLEAN	CDS	39849	40199	-
AAEL008084	phosphatidylserine receptor	n	5476	GLEAN	CDS	22627	22815	-
AAEL008084	phosphatidylserine receptor	n	5476	GLEAN	CDS	22352	22564	-
AAEL008084	phosphatidylserine receptor	n	5476	GLEAN	UTR_3	21961	22351	-
AAEL008363	12	n	2524	maker	gene	36071	36932	-
AAEL008363	12	n	2524	maker	mRNA	36071	36932	-
AAEL008363	12	n	2524	maker	exon	36071	36394	-
AAEL008363	12	n	2524	maker	exon	36495	36932	-
AAEL008363	12	n	2524	maker	five_prime_UTR	36928	36932	-
AAEL008363	12	n	2524	maker	CDS	36495	36927	-
AAEL008363	12	n	2524	maker	CDS	36267	36394	-
AAEL008363	12	n	2524	maker	three_prime_UTR	36071	36266	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	mRNA	26686	45200	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	CDS	45134	45200	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	CDS	43685	43899	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	CDS	43435	43559	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	CDS	42674	42926	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	CDS	39379	39752	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	CDS	39042	39307	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	CDS	38391	38987	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	CDS	38196	38323	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	CDS	28291	28406	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	CDS	27379	27808	-
AAEL008611	metastasis-associated protein 3 (mta3)	n	10859	GLEAN	UTR_3	26686	27380	-
AAEL008763	tata-binding protein-associated phosphoprotein (dr1)	n	11851	maker	gene	19580	20459	+
AAEL008763	tata-binding protein-associated phosphoprotein (dr1)	n	11851	maker	mRNA	19580	20459	+
AAEL008763	tata-binding protein-associated phosphoprotein (dr1)	n	11851	maker	exon	19580	19830	+

AAEL008763	tata-binding protein-associated phosphoprotein (dr1)	n	11851	maker	exon	19905	20459	+
AAEL008763	tata-binding protein-associated phosphoprotein (dr1)	n	11851	maker	five_prime_UTR	19580	19731	+
AAEL008763	tata-binding protein-associated phosphoprotein (dr1)	n	11851	maker	CDS	19732	19830	+
AAEL008763	tata-binding protein-associated phosphoprotein (dr1)	n	11851	maker	CDS	19905	20327	+
AAEL008763	tata-binding protein-associated phosphoprotein (dr1)	n	11851	maker	three_prime_UTR	20328	20459	+
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	gene	337937	339974	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	mRNA	337937	339974	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	mRNA	337937	339917	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	exon	339635	339917	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	exon	337937	339565	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	exon	339635	339797	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	exon	339933	339974	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	five_prime_UTR	339933	339974	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	five_prime_UTR	339657	339797	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	CDS	339635	339656	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	CDS	338298	339565	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	three_prime_UTR	337937	338297	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	five_prime_UTR	339657	339917	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	CDS	339635	339656	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	CDS	338298	339565	-
AAEL009882	retinoblastoma-binding protein 4 (rbbp4)	n	13	maker	three_prime_UTR	337937	338297	-
AAEL010107	conserved hypothetical protein	n	14	maker	gene	628670	630279	-
AAEL010107	conserved hypothetical protein	n	14	maker	mRNA	628670	630279	-
AAEL010107	conserved hypothetical protein	n	14	maker	exon	628670	630024	-
AAEL010107	conserved hypothetical protein	n	14	maker	exon	630081	630279	-
AAEL010107	conserved hypothetical protein	n	14	maker	five_prime_UTR	630179	630279	-
AAEL010107	conserved hypothetical protein	n	14	maker	CDS	630081	630178	-
AAEL010107	conserved hypothetical protein	n	14	maker	CDS	628824	630024	-
AAEL010107	conserved hypothetical protein	n	14	maker	three_prime_UTR	628670	628823	-
AAEL010107	conserved hypothetical protein	n	1264	maker	gene	173279	174930	-
AAEL010107	conserved hypothetical protein	n	1264	maker	mRNA	173279	174930	-
AAEL010107	conserved hypothetical protein	n	1264	maker	exon	173279	174635	-
AAEL010107	conserved hypothetical protein	n	1264	maker	exon	174692	174930	-
AAEL010107	conserved hypothetical protein	n	1264	maker	five_prime_UTR	174790	174930	-
AAEL010107	conserved hypothetical protein	n	1264	maker	CDS	174692	174789	-
AAEL010107	conserved hypothetical protein	n	1264	maker	CDS	173435	174635	-
AAEL010107	conserved hypothetical protein	n	1264	maker	three_prime_UTR	173279	173434	-

AAEL010826	histone-lysine n-methyltransferase	n	8281	cufflinks	mRNA	36077	52601	+
AAEL010826	histone-lysine n-methyltransferase	n	8281	cufflinks	UTR_5	36077	36279	+
AAEL010826	histone-lysine n-methyltransferase	n	8281	cufflinks	CDS	36280	36354	+
AAEL010826	histone-lysine n-methyltransferase	n	8281	cufflinks	CDS	49386	49560	+
AAEL010826	histone-lysine n-methyltransferase	n	8281	cufflinks	CDS	50281	52211	+
AAEL010826	histone-lysine n-methyltransferase	n	8281	cufflinks	UTR_3	52212	52601	+
AAEL010971	hypothetical protein	n	763	maker	gene	5273	14032	-
AAEL010971	hypothetical protein	n	763	maker	mRNA	5273	14032	-
AAEL010971	hypothetical protein	n	763	maker	exon	5273	7490	-
AAEL010971	hypothetical protein	n	763	maker	exon	7560	7718	-
AAEL010971	hypothetical protein	n	763	maker	exon	8075	14032	-
AAEL010971	hypothetical protein	n	763	maker	CDS(tentative)	8075	14032	-
AAEL010971	hypothetical protein	n	763	maker	CDS	7560	7718	-
AAEL010971	hypothetical protein	n	763	maker	CDS	7035	7490	-
AAEL010971	hypothetical protein	n	763	maker	three_prime_UTR	5273	7034	-
AAEL011117	histone deacetylase	n	8296	GLEAN	mRNA	20297	22961	-
AAEL011117	histone deacetylase	n	8296	GLEAN	UTR_5	22150	22961	-
AAEL011117	histone deacetylase	n	8296	GLEAN	CDS	21992	22149	-
AAEL011117	histone deacetylase	n	8296	GLEAN	CDS	20561	21698	-
AAEL011117	histone deacetylase	n	8296	GLEAN	UTR_3	20297	20560	-
AAEL011317	actin	n	1201	maker	gene	136143	137849	-
AAEL011317	actin	n	1201	maker	mRNA	136143	137849	-
AAEL011317	actin	n	1201	maker	exon	136143	137024	-
AAEL011317	actin	n	1201	maker	exon	137098	137453	-
AAEL011317	actin	n	1201	maker	exon	137515	137823	-
AAEL011317	actin	n	1201	maker	five_prime_UTR	137714	137849	-
AAEL011317	actin	n	1201	maker	CDS	137515	137713	-
AAEL011317	actin	n	1201	maker	CDS	137098	137453	-
AAEL011317	actin	n	1201	maker	CDS	136311	137024	-
AAEL011317	actin	n	1201	maker	three_prime_UTR	136143	136310	-
AAEL011371	Ortholog to vrille in Anopheles gambiae	n	4973	exonerate	expressed_sequence_match	51342	68892	-
AAEL011371	Ortholog to vrille in Anopheles gambiae	n	4973	exonerate	match_part	68089	68892	-
AAEL011371	Ortholog to vrille in Anopheles gambiae	n	4973	exonerate	match_part	54168	54278	-
AAEL011371	Ortholog to vrille in Anopheles gambiae	n	4973	exonerate	match_part	51342	54078	-
AAEL011415	lysine-specific histone demethylase	n	1757	GLEAN	mRNA	246176	265944	-
AAEL011415	lysine-specific histone demethylase	n	1757	GLEAN	UTR_5	265643	265944	-
AAEL011415	lysine-specific histone demethylase	n	1757	GLEAN	CDS	263551	265642	-
AAEL011415	lysine-specific histone demethylase	n	1757	GLEAN	CDS	246416	246840	-
AAEL011415	lysine-specific histone demethylase	n	1757	GLEAN	UTR_3	246176	246415	-
AAEL011473	chromatin regulatory protein sir2	n	3326	maker	gene	104126	105519	-
AAEL011473	chromatin regulatory protein sir2	n	3326	maker	mRNA	104126	105519	-

AAEL011473	chromatin regulatory protein sir2	n	3326	maker	exon	104126	104531	-
AAEL011473	chromatin regulatory protein sir2	n	3326	maker	exon	104616	105284	-
AAEL011473	chromatin regulatory protein sir2	n	3326	maker	exon	105345	105519	-
AAEL011473	chromatin regulatory protein sir2	n	3326	maker	five_prime_UTR	105411	105519	-
AAEL011473	chromatin regulatory protein sir2	n	3326	maker	CDS	105345	105410	-
AAEL011473	chromatin regulatory protein sir2	n	3326	maker	CDS	104616	105284	-
AAEL011473	chromatin regulatory protein sir2	n	3326	maker	CDS	104136	104531	-
AAEL011473	chromatin regulatory protein sir2	n	3326	maker	three_prime_UTR	104126	104135	-
AAEL011504	pupal cuticle protein, putative	n	2302	exonerate	expressed_sequence_match	176019	178159	-
AAEL011504	pupal cuticle protein, putative	n	2302	exonerate	match_part	178051	178159	-
AAEL011504	pupal cuticle protein, putative	n	2302	exonerate	match_part	177739	177882	-
AAEL011504	pupal cuticle protein, putative	n	2302	exonerate	match_part	177476	177668	-
AAEL011504	pupal cuticle protein, putative	n	2302	exonerate	match_part	176019	177405	-
AAEL011504	pupal cuticle protein, putative	n	849	exonerate	expressed_sequence_match	200133	202270	+
AAEL011504	pupal cuticle protein, putative	n	849	exonerate	match_part	200133	200241	+
AAEL011504	pupal cuticle protein, putative	n	849	exonerate	match_part	200411	200554	+
AAEL011504	pupal cuticle protein, putative	n	849	exonerate	match_part	200625	200817	+
AAEL011504	pupal cuticle protein, putative	n	849	exonerate	match_part	200888	202270	+
AAEL012438	conserved hypothetical protein	n	2292	maker	gene	60470	61784	-
AAEL012438	conserved hypothetical protein	n	2292	maker	mRNA	60470	61784	-
AAEL012438	conserved hypothetical protein	n	2292	maker	exon	60470	60824	-
AAEL012438	conserved hypothetical protein	n	2292	maker	exon	60900	61765	-
AAEL012438	conserved hypothetical protein	n	2292	maker	five_prime_UTR	61697	61784	-
AAEL012438	conserved hypothetical protein	n	2292	maker	CDS	60900	61696	-
AAEL012438	conserved hypothetical protein	n	2292	maker	CDS	60698	60824	-
AAEL012438	conserved hypothetical protein	n	2292	maker	three_prime_UTR	60470	60697	-
AAEL012467	brain chitinase and chia	y	3908	exonerate	expressed_sequence_match	32081	52694	+
AAEL012467	brain chitinase and chia	y	3908	exonerate	match_part	32081	32661	+
AAEL012467	brain chitinase and chia	y	3908	exonerate	match_part	32724	32928	+
AAEL012467	brain chitinase and chia	y	3908	exonerate	match_part	43082	43533	+
AAEL012467	brain chitinase and chia	y	3908	exonerate	match_part	43597	43868	+
AAEL012467	brain chitinase and chia	y	3908	exonerate	match_part	43936	44996	+
AAEL012467	brain chitinase and chia	y	3908	exonerate	match_part	45064	52694	+
AAEL012467	brain chitinase and chia	y	4862	maker	gene	119526	129128	-
AAEL012467	brain chitinase and chia	y	4862	maker	mRNA	119526	129128	-
AAEL012467	brain chitinase and chia	y	4862	maker	exon	119526	127153	-
AAEL012467	brain chitinase and chia	y	4862	maker	exon	127215	128258	-
AAEL012467	brain chitinase and chia	y	4862	maker	exon	128326	128597	-
AAEL012467	brain chitinase and chia	y	4862	maker	exon	128660	129128	-



AAEL012467	brain chitinase and chia	y	4862	maker	five_prime_UTR	128660	129128	-
AAEL012467	brain chitinase and chia	y	4862	maker	five_prime_UTR	128326	128597	-
AAEL012467	brain chitinase and chia	y	4862	maker	five_prime_UTR	127580	128258	-
AAEL012467	brain chitinase and chia	y	4862	maker	CDS	127215	127579	-
AAEL012467	brain chitinase and chia	y	4862	maker	CDS	120961	127153	-
AAEL012467	brain chitinase and chia	y	4862	maker	three_prime_UTR	119526	120960	-
AAEL012525	YEATS domain containing protein 4	n	1335	maker	gene	6278	10755	+
AAEL012525	YEATS domain containing protein 4	n	1335	maker	mRNA	6278	10755	+
AAEL012525	YEATS domain containing protein 4	n	1335	maker	exon	6278	6492	+
AAEL012525	YEATS domain containing protein 4	n	1335	maker	exon	6559	7039	+
AAEL012525	YEATS domain containing protein 4	n	1335	maker	exon	10449	10755	+
AAEL012525	YEATS domain containing protein 4	n	1335	maker	five_prime_UTR	6278	6444	+
AAEL012525	YEATS domain containing protein 4	n	1335	maker	CDS	6445	6492	+
AAEL012525	YEATS domain containing protein 4	n	1335	maker	CDS	6559	7039	+
AAEL012525	YEATS domain containing protein 4	n	1335	maker	CDS	10449	10612	+
AAEL012525	YEATS domain containing protein 4	n	1335	maker	three_prime_UTR	10613	10755	+
AAEL012573	serine protease, putative	n	538	maker	gene	210349	223158	+
AAEL012573	serine protease, putative	n	538	maker	mRNA	210349	223158	+
AAEL012573	serine protease, putative	n	538	maker	exon	210349	210846	+
AAEL012573	serine protease, putative	n	538	maker	exon	222952	223158	+
AAEL012573	serine protease, putative	n	538	maker	five_prime_UTR	210349	210400	+
AAEL012573	serine protease, putative	n	538	maker	CDS	210401	210846	+
AAEL012573	serine protease, putative	n	538	maker	CDS	222952	223036	+
AAEL012573	serine protease, putative	n	538	maker	three_prime_UTR	223037	223158	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	mRNA	68863	83866	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	UTR_5	68863	68889	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	CDS	68890	69076	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	CDS	69160	69320	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	CDS	79109	79565	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	CDS	79630	80255	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	CDS	80316	80566	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	CDS	82281	82436	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	CDS	82501	82668	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	CDS	82746	82941	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	CDS	83008	83092	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	CDS	83471	83709	+
AAEL012607	fetal alzheimer antigen, falz	n	2527	GLEAN	UTR_3	83710	83866	+
AAEL012790	lipase	y	2230	maker	gene	15228	16398	+
AAEL012790	lipase	y	2230	maker	mRNA	15228	16398	+
AAEL012790	lipase	y	2230	maker	exon	16160	16398	+
AAEL012790	lipase	y	2230	maker	exon	15228	16043	+
AAEL012790	lipase	y	2230	maker	five_prime_UTR	15228	15235	+

AAEL012790	lipase	y	2230	maker	CDS	15236	16043	+
AAEL012790	lipase	y	2230	maker	CDS	16160	16398	+
AAEL012790	lipase	y	4910	maker	gene	68052	69188	-
AAEL012790	lipase	y	4910	maker	mRNA	68052	69188	-
AAEL012790	lipase	y	4910	maker	exon	68052	68290	-
AAEL012790	lipase	y	4910	maker	exon	68373	69188	-
AAEL012790	lipase	y	4910	maker	five_prime_UTR	69181	69188	-
AAEL012790	lipase	y	4910	maker	CDS	68373	69180	-
AAEL012790	lipase	y	4910	maker	CDS	68052	68290	-
AAEL013542	elongase, putative	y	4233	GLEAN	mRNA	142753	157581	-
AAEL013542	elongase, putative	y	4233	GLEAN	CDS	157521	157581	-
AAEL013542	elongase, putative	y	4233	GLEAN	CDS	143815	144005	-
AAEL013542	elongase, putative	y	4233	GLEAN	CDS	143609	143746	-
AAEL013542	elongase, putative	y	4233	GLEAN	CDS	143117	143536	-
AAEL013542	elongase, putative	y	4233	GLEAN	UTR_3	142753	143118	-
AAEL013542	elongase, putative	y	9844	GLEAN	mRNA	40031	54605	+
AAEL013542	elongase, putative	y	9844	GLEAN	UTR_5	40031	40200	+
AAEL013542	elongase, putative	y	9844	GLEAN	CDS	40201	40261	+
AAEL013542	elongase, putative	y	9844	GLEAN	CDS	53137	53327	+
AAEL013542	elongase, putative	y	9844	GLEAN	CDS	53394	53531	+
AAEL013542	elongase, putative	y	9844	GLEAN	CDS	53600	54019	+
AAEL013542	elongase, putative	y	9844	GLEAN	UTR_3	54020	54605	+
AAEL013829	cuticle protein, putative	y	339	maker	gene	229071	232616	-
AAEL013829	cuticle protein, putative	y	339	maker	mRNA	229071	232616	-
AAEL013829	cuticle protein, putative	y	339	maker	exon	229071	229745	-
AAEL013829	cuticle protein, putative	y	339	maker	exon	232005	232121	-
AAEL013829	cuticle protein, putative	y	339	maker	exon	232536	232616	-
AAEL013829	cuticle protein, putative	y	339	maker	CDS	232536	232616	-
AAEL013829	cuticle protein, putative	y	339	maker	CDS	232005	232121	-
AAEL013829	cuticle protein, putative	y	339	maker	CDS	229344	229745	-
AAEL013829	cuticle protein, putative	y	339	maker	three_prime_UTR	229071	229343	-
AAEL013829	cuticle protein, putative	y	5461	maker	gene	41813	46225	+
AAEL013829	cuticle protein, putative	y	5461	maker	mRNA	41813	46225	+
AAEL013829	cuticle protein, putative	y	5461	maker	exon	41813	41895	+
AAEL013829	cuticle protein, putative	y	5461	maker	exon	42304	42420	+
AAEL013829	cuticle protein, putative	y	5461	maker	exon	45553	46225	+
AAEL013829	cuticle protein, putative	y	5461	maker	five_prime_UTR	41813	41823	+
AAEL013829	cuticle protein, putative	y	5461	maker	CDS	41824	41895	+
AAEL013829	cuticle protein, putative	y	5461	maker	CDS	42304	42420	+
AAEL013829	cuticle protein, putative	y	5461	maker	CDS	45553	45954	+
AAEL013829	cuticle protein, putative	y	5461	maker	three_prime_UTR	45955	46225	+
AAEL014028	hypothetical protein	y	203	maker	gene	497465	499475	+

AAEL014028	hypothetical protein	y	203	maker	mRNA	497465	499475	+
AAEL014028	hypothetical protein	y	203	maker	exon	499201	499475	+
AAEL014028	hypothetical protein	y	203	maker	exon	498491	499142	+
AAEL014028	hypothetical protein	y	203	maker	exon	498015	498407	+
AAEL014028	hypothetical protein	y	203	maker	exon	497465	497950	+
AAEL014028	hypothetical protein	y	203	maker	five_prime_UTR	497465	497468	+
AAEL014028	hypothetical protein	y	203	maker	CDS(tentative)	497469	497950	+
AAEL014028	hypothetical protein	y	203	maker	CDS	498015	498407	+
AAEL014028	hypothetical protein	y	203	maker	CDS	498491	499142	+
AAEL014028	hypothetical protein	y	203	maker	CDS	499201	499425	+
AAEL014028	hypothetical protein	y	203	maker	three_prime_UTR	499426	499475	+
AAEL014028	hypothetical protein	y	1709	maker	gene	153834	155834	-
AAEL014028	hypothetical protein	y	1709	maker	mRNA	153834	155834	-
AAEL014028	hypothetical protein	y	1709	maker	exon	153834	154108	-
AAEL014028	hypothetical protein	y	1709	maker	exon	154168	154819	-
AAEL014028	hypothetical protein	y	1709	maker	exon	154890	155282	-
AAEL014028	hypothetical protein	y	1709	maker	exon	155349	155834	-
AAEL014028	hypothetical protein	y	1709	maker	five_prime_UTR	155831	155834	-
AAEL014028	hypothetical protein	y	1709	maker	CDS(tentative)	155349	155830	-
AAEL014028	hypothetical protein	y	1709	maker	CDS	154890	155282	-
AAEL014028	hypothetical protein	y	1709	maker	CDS	154168	154819	-
AAEL014028	hypothetical protein	y	1709	maker	CDS	153884	154108	-
AAEL014028	hypothetical protein	y	1709	maker	three_prime_UTR	153834	153883	-
AAEL014072	tip60	n	1040	maker	gene	247974	257508	+
AAEL014072	tip60	n	1040	maker	mRNA	247974	257442	+
AAEL014072	tip60	n	1040	maker	mRNA	247974	257508	+
AAEL014072	tip60	n	1040	maker	exon	247974	248132	+
AAEL014072	tip60	n	1040	maker	exon	248270	248399	+
AAEL014072	tip60	n	1040	maker	exon	248470	249285	+
AAEL014072	tip60	n	1040	maker	exon	249355	249517	+
AAEL014072	tip60	n	1040	maker	exon	256871	257083	+
AAEL014072	tip60	n	1040	maker	exon	257142	257442	+
AAEL014072	tip60	n	1040	maker	exon	256871	257508	+
AAEL014072	tip60	n	1040	maker	CDS	247974	248132	+
AAEL014072	tip60	n	1040	maker	CDS	248270	248399	+
AAEL014072	tip60	n	1040	maker	CDS	248470	249285	+
AAEL014072	tip60	n	1040	maker	CDS	249355	249517	+
AAEL014072	tip60	n	1040	maker	CDS	256871	257083	+
AAEL014072	tip60	n	1040	maker	CDS	257142	257142	+
AAEL014072	tip60	n	1040	maker	three_prime_UTR	257143	257442	+
AAEL014072	tip60	n	1040	maker	CDS	247974	248132	+
AAEL014072	tip60	n	1040	maker	CDS	248270	248399	+

AAEL014072	tip60	n	1040	maker	CDS	248470	249285	+
AAEL014072	tip60	n	1040	maker	CDS	249355	249517	+
AAEL014072	tip60	n	1040	maker	CDS	256871	257087	+
AAEL014072	tip60	n	1040	maker	three_prime_UTR	257088	257508	+
AAEL014190	elongase, putative	n	1676	GLEAN	mRNA	217881	237116	-
AAEL014190	elongase, putative	n	1676	GLEAN	UTR_5	237031	237116	-
AAEL014190	elongase, putative	n	1676	GLEAN	CDS	236767	237030	-
AAEL014190	elongase, putative	n	1676	GLEAN	CDS	236551	236631	-
AAEL014190	elongase, putative	n	1676	GLEAN	CDS	236316	236478	-
AAEL014190	elongase, putative	n	1676	GLEAN	CDS	218511	218647	-
AAEL014190	elongase, putative	n	1676	GLEAN	CDS	218137	218439	-
AAEL014190	elongase, putative	n	1676	GLEAN	UTR_3	217881	218136	-
AAEL014237	conserved hypothetical protein	n	16459	maker	gene	2765	9562	+
AAEL014237	conserved hypothetical protein	n	16459	maker	mRNA	2765	9562	+
AAEL014237	conserved hypothetical protein	n	16459	maker	exon	2765	3394	+
AAEL014237	conserved hypothetical protein	n	16459	maker	exon	3536	4562	+
AAEL014237	conserved hypothetical protein	n	16459	maker	exon	4624	4774	+
AAEL014237	conserved hypothetical protein	n	16459	maker	exon	8918	9049	+
AAEL014237	conserved hypothetical protein	n	16459	maker	exon	9119	9562	+
AAEL014237	conserved hypothetical protein	n	16459	maker	five_prime_UTR	2765	2838	+
AAEL014237	conserved hypothetical protein	n	16459	maker	CDS	2839	3394	+
AAEL014237	conserved hypothetical protein	n	16459	maker	CDS	3536	4562	+
AAEL014237	conserved hypothetical protein	n	16459	maker	CDS	4624	4774	+
AAEL014237	conserved hypothetical protein	n	16459	maker	CDS	8918	9049	+
AAEL014237	conserved hypothetical protein	n	16459	maker	CDS	9119	9499	+
AAEL014237	conserved hypothetical protein	n	16459	maker	three_prime_UTR	9500	9562	+
AAEL014520	follistatin	n	9640	GLEAN	mRNA	21728	30038	-
AAEL014520	follistatin	n	9640	GLEAN	CDS	29987	30038	-
AAEL014520	follistatin	n	9640	GLEAN	CDS	29502	29895	-
AAEL014520	follistatin	n	9640	GLEAN	CDS	29324	29414	-
AAEL014520	follistatin	n	9640	GLEAN	CDS	28942	29264	-
AAEL014520	follistatin	n	9640	GLEAN	CDS	28691	28882	-
AAEL014520	follistatin	n	9640	GLEAN	CDS	22695	23238	-
AAEL014520	follistatin	n	9640	GLEAN	UTR_3	21728	22696	-
AAEL014536	embryonic ectoderm development protein	n	56	maker	gene	417201	419131	+
AAEL014536	embryonic ectoderm development protein	n	56	maker	mRNA	417201	419131	+
AAEL014536	embryonic ectoderm development protein	n	56	maker	exon	417201	417437	+
AAEL014536	embryonic ectoderm development protein	n	56	maker	exon	417510	417643	+
AAEL014536	embryonic ectoderm development protein	n	56	maker	exon	417719	417890	+
AAEL014536	embryonic ectoderm development protein	n	56	maker	exon	418062	419131	+
AAEL014536	embryonic ectoderm development protein	n	56	maker	five_prime_UTR	417201	417359	+
AAEL014536	embryonic ectoderm development protein	n	56	maker	CDS	417360	417437	+

AAEL014536	embryonic ectoderm development protein	n	56	maker	CDS	417510	417643	+
AAEL014536	embryonic ectoderm development protein	n	56	maker	CDS	417719	417890	+
AAEL014536	embryonic ectoderm development protein	n	56	maker	CDS	418062	418955	+
AAEL014536	embryonic ectoderm development protein	n	56	maker	three_prime_UTR	418956	419131	+
AAEL015043	hormone receptor hr3	y	1501	maker	gene	12478	27265	-
AAEL015043	hormone receptor hr3	y	1501	maker	mRNA	12478	27265	-
AAEL015043	hormone receptor hr3	y	1501	maker	mRNA	12478	27265	-
AAEL015043	hormone receptor hr3	y	1501	maker	exon	12478	13017	-
AAEL015043	hormone receptor hr3	y	1501	maker	exon	24699	24849	-
AAEL015043	hormone receptor hr3	y	1501	maker	exon	24930	25173	-
AAEL015043	hormone receptor hr3	y	1501	maker	exon	25243	25389	-
AAEL015043	hormone receptor hr3	y	1501	maker	exon	25549	25652	-
AAEL015043	hormone receptor hr3	y	1501	maker	exon	26235	26660	-
AAEL015043	hormone receptor hr3	y	1501	maker	exon	26840	27006	-
AAEL015043	hormone receptor hr3	y	1501	maker	exon	27096	27265	-
AAEL015043	hormone receptor hr3	y	1501	maker	five_prime_UTR	27248	27265	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	27096	27247	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	26840	27006	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	26235	26660	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	25549	25652	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	25243	25389	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	24930	25173	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	24699	24849	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	12894	13017	-
AAEL015043	hormone receptor hr3	y	1501	maker	three_prime_UTR	12478	12893	-
AAEL015043	hormone receptor hr3	y	1501	maker	five_prime_UTR	27248	27265	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	27096	27247	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	26840	27006	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	25549	25652	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	25243	25389	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	24930	25173	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	24699	24849	-
AAEL015043	hormone receptor hr3	y	1501	maker	CDS	12894	13017	-
AAEL015043	hormone receptor hr3	y	1501	maker	three_prime_UTR	12478	12893	-
AAEL015043	hormone receptor hr3	y	640	maker	gene	228036	242833	+
AAEL015043	hormone receptor hr3	y	640	maker	mRNA	228036	242833	+
AAEL015043	hormone receptor hr3	y	640	maker	mRNA	228036	242833	+
AAEL015043	hormone receptor hr3	y	640	maker	exon	228036	228205	+
AAEL015043	hormone receptor hr3	y	640	maker	exon	228285	228451	+
AAEL015043	hormone receptor hr3	y	640	maker	exon	228631	229059	+
AAEL015043	hormone receptor hr3	y	640	maker	exon	229649	229752	+
AAEL015043	hormone receptor hr3	y	640	maker	exon	229844	229990	+

AAEL015043	hormone receptor hr3	y	640	maker	exon	230060	230303	+
AAEL015043	hormone receptor hr3	y	640	maker	exon	230366	230516	+
AAEL015043	hormone receptor hr3	y	640	maker	exon	242282	242833	+
AAEL015043	hormone receptor hr3	y	640	maker	five_prime_UTR	228036	228053	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	228054	228205	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	228285	228451	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	228631	229059	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	229649	229752	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	229844	229990	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	230060	230303	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	230366	230516	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	242282	242405	+
AAEL015043	hormone receptor hr3	y	640	maker	three_prime_UTR	242406	242833	+
AAEL015043	hormone receptor hr3	y	640	maker	five_prime_UTR	228036	228053	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	228054	228205	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	228285	228451	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	229649	229752	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	229844	229990	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	230060	230303	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	230366	230516	+
AAEL015043	hormone receptor hr3	y	640	maker	CDS	242282	242405	+
AAEL015043	hormone receptor hr3	y	640	maker	three_prime_UTR	242406	242833	+
AAEL015592	structural maintenance of chromosomes smc1	n	749	maker	gene	23679	27239	-
AAEL015592	structural maintenance of chromosomes smc1	n	749	maker	mRNA	23679	27239	-
AAEL015592	structural maintenance of chromosomes smc1	n	749	maker	exon	23679	24934	-
AAEL015592	structural maintenance of chromosomes smc1	n	749	maker	exon	24996	25738	-
AAEL015592	structural maintenance of chromosomes smc1	n	749	maker	exon	25816	27239	-
AAEL015592	structural maintenance of chromosomes smc1	n	749	maker	five_prime_UTR	27210	27239	-
AAEL015592	structural maintenance of chromosomes smc1	n	749	maker	CDS(tentative)	25816	27209	-
AAEL015592	structural maintenance of chromosomes smc1	n	749	maker	CDS	24996	25738	-
AAEL015592	structural maintenance of chromosomes smc1	n	749	maker	CDS	23766	24934	-
AAEL015592	structural maintenance of chromosomes smc1	n	749	maker	three_prime_UTR	23679	23765	-