

Supplementary Table 3. Location of putative EREs	Gene ID	Transcript ID	Affy IDs	Symbol	Description	Start	End	Strand	Sequence
ENSDARG00000000935	ENSDART00000001053	Dr.24249.1.S1_at	zcd3dc5	zinc finger CCH type domain containing 5 [Source:RefSeq_peptide;Acc:NP_956530]	-2575	-2557	1	aaagttaactgtgacctt	
ENSDARG00000001953	ENSDART00000003247	Dr.7626.1.A1_at,Dr.7626.2.S1_at,Dr.23470.1.S1_s_at,Dr.8198.1.A1_at	NP_998562.1	zgc:73257 [Source:RefSeq_peptide;Acc:NP_998562] Kreisl (mouse) maf-related leucine zipper homolog 2.2	135	153	1	aaagcctctgtgacctgc	
ENSDARG00000002667	ENSDART00000003004	Dr.23470.1.S1_s_at,Dr.8198.1.A1_at	krml2.2	[Source:RefSeq_peptide;Acc:NP_571917] Kreisl (mouse) maf-related leucine zipper homolog 2.2	-1337	-1319	-1	tcagcaactgtgaccaac	
ENSDARG00000002667	ENSDART00000003004	ENSDART00000003004	krml2.2	[Source:RefSeq_peptide;Acc:NP_571917]	-1337	-1319	-1	tcagcaactgtgaccaac	
ENSDARG00000003323	ENSDART00000017567	Dr.12575.1.S1_at	dcp1a	decapping enzyme [Source:RefSeq_peptide;Acc:NP_878313]	-1949	-1931	1	tcagagccatgaccoga	
ENSDARG00000003323	ENSDART00000017567	Dr.12575.1.S1_at	dcp1a	decapping enzyme [Source:RefSeq_peptide;Acc:NP_878313]	-381	-363	1	gtgagtaaacatgacctga	
ENSDARG00000004296	ENSDART00000027026	Dr.26469.1.S1_at	zgc:66321	similar to alpha-1-microglobulin/bikunin precursor [Source:RefSeq_peptide;Acc:NP_957412]	-4061	-4043	-1	atagtglaatatgacctca	
ENSDARG00000005186	ENSDART00000022285	Dr.24233.1.S1_at	NP_956418.1	sp4 transcription factor [Source:RefSeq_peptide;Acc:NP_956418]	-1496	-1478	1	tgacctcactgtgaccgct	
ENSDARG00000006526	ENSDART00000017312	Dr.4412.13.A1_x_at	fn1b	fibronectin 1b (fn1b), mRNA [Source:RefSeq_dna;Acc:NM_001013261]	-1176	-1158	-1	tccagttactatgacctt	
ENSDARG00000008835	ENSDART00000021286	Dr.4412.13.A1_x_at			-3795	-3777	1	caagttgtacgtgacctca	
ENSDARG00000008835	ENSDART00000021286	Dr.4412.13.A1_x_at			-613	-595	1	gaagggcacggtgacctt	
ENSDARG00000008895	ENSDART00000040312	Dr.1619.1.A1_at,Dr.1619.1.A1_at,Dr.1619.1.A1_at			-3866	-3848	1	caacatcactctgaccaga	
ENSDARG00000008895	ENSDART00000044775	Dr.1619.1.A1_at,Dr.1619.1.A1_at,Dr.1619.1.A1_at			-3872	-3854	1	caacatcactctgaccaga	
ENSDARG00000009483	ENSDART00000099889	Dr.25378.1.A1_at,Dr.24858.1.S1_at	zgc:110540	deoxycytidine kinase [Source:RefSeq_peptide;Acc:NP_001014374]	-2635	-2617	1	tcagttcatttgcacctg	
ENSDARG00000009483	ENSDART00000099889	Dr.25378.1.A1_at,Dr.24858.1.S1_at	zgc:110540	deoxycytidine kinase [Source:RefSeq_peptide;Acc:NP_001014374]	-2635	-2617	1	tcagttcatttgcacctg	
ENSDARG00000013454	ENSDART00000019328	Dr.16524.1.S1_at	wu:fc12b04	protein-glutamine gamma-glutamyltransferase [Source:RefSeq_peptide;Acc:NP_997821]	-4284	-4266	1	ggaagccgctgtgacctga	
ENSDARG00000013613	ENSDART00000018408	Dr.16504.1.A1_at	zgc:112421	hypothetical protein LOC554118 [Source:RefSeq_peptide;Acc:NP_001019585]	-2201	-2183	1	atgagttcgttgcacctg	
ENSDARG00000013613	ENSDART00000018408	Dr.1605.1.S1_at							
ENSDARG00000013646	ENSDART00000019664	Dr.15930.1.A1_at	serpina1	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 [Source:RefSeq_peptide;Acc:NP_001013277]	-267	-249	-1	ttatgggacctgacctt	
ENSDARG00000014209	ENSDART00000023208	Dr.728.4.S1_at,Dr.728.4.S1_at,Dr.728.4.S1_at	NP_001017836.1	hypothetical protein LOC550534 [Source:RefSeq_peptide;Acc:NP_001017836]	-1492	-1474	1	ttttttactgtgacctga	
ENSDARG00000015866	ENSDART00000019110	Dr.728.4.S1_at,Dr.728.4.S1_at,Dr.728.4.S1_at			-1647	-1629	-1	gctattatttgacctga	
ENSDARG00000015866	ENSDART00000058963	Dr.728.4.S1_at,Dr.728.4.S1_at,Dr.728.4.S1_at			-1945	-1927	-1	gctattatttgacctga	
ENSDARG00000015866	ENSDART00000058964	Dr.728.4.S1_at,Dr.728.4.S1_at,Dr.728.4.S1_at			-1647	-1629	-1	gctattatttgacctga	
ENSDARG00000016448	ENSDART00000014979	Dr.2978.1.S1_at	vg3	Vitellogenin 3 (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q9DFT9]	-386	-368	-1	acaggtcaatgtgacctg	
ENSDARG00000016448	ENSDART00000014979	Dr.2978.1.S1_at	vg3	Vitellogenin 3 (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q9DFT9]	-386	-368	-1	actgatcacctgtgacctg	
ENSDARG00000016448	ENSDART00000014979	Dr.2978.1.S1_at	vg3	Vitellogenin 3 (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q9DFT9]	-4076	-4058	1	actaataatttgacctca	
ENSDARG00000016825	ENSDART00000050238	Dr.25009.6.A1_a_at,Dr.25009.1.S1_a_at	NP_739573.1	vitellogenin 1 [Source:RefSeq_peptide;Acc:NP_739573]	-3275	-3257	1	acaggttaaagtgacctt	
ENSDARG00000016825	ENSDART00000050238	Dr.25009.6.A1_a_at,Dr.25009.1.S1_a_at	NP_739573.1	vitellogenin 1 [Source:RefSeq_peptide;Acc:NP_739573]	-3275	-3257	-1	aaagttcaacttaacctg	
ENSDARG00000016825	ENSDART00000050238	Dr.25009.6.A1_a_at,Dr.25009.1.S1_a_at	NP_739573.1	vitellogenin 1 [Source:RefSeq_peptide;Acc:NP_739573]	-2166	-2148	1	cgagggcaactaaccctaa	
ENSDARG00000016825	ENSDART00000050238	Dr.25009.6.A1_a_at,Dr.25009.1.S1_a_at	NP_739573.1	vitellogenin 1 [Source:RefSeq_peptide;Acc:NP_739573]	-175	-157	1	acagggccaggttaacctaa	
ENSDARG00000016825	ENSDART00000050238	Dr.25009.6.A1_a_at,Dr.25009.1.S1_a_at	NP_739573.1	vitellogenin 1 [Source:RefSeq_peptide;Acc:NP_739573]	-3275	-3257	1	acaggttaaagtgacctt	
ENSDARG00000016825	ENSDART00000050238	Dr.25009.6.A1_a_at,Dr.25009.1.S1_a_at	NP_739573.1	vitellogenin 1 [Source:RefSeq_peptide;Acc:NP_739573]	-3275	-3257	-1	aaagttcaacttaacctg	
ENSDARG00000016825	ENSDART00000050238	Dr.25009.6.A1_a_at,Dr.25009.1.S1_a_at	NP_739573.1	vitellogenin 1 [Source:RefSeq_peptide;Acc:NP_739573]	-2166	-2148	1	cgagggcaactaaccctaa	
ENSDARG00000016825	ENSDART00000050238	Dr.25009.6.A1_a_at,Dr.25009.1.S1_a_at	NP_739573.1	vitellogenin 1 [Source:RefSeq_peptide;Acc:NP_739573]	-175	-157	1	acagggccaggttaacctaa	
ENSDARG00000017289	ENSDART00000047865	Dr.25331.1.S1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at,Dr.25331.1.S1_at,Dr.25379.1.S1_at			-1425	-1407	1	tgagttctaaagtgacctg	
ENSDARG00000017289	ENSDART00000050670	Dr.25331.1.S1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at,Dr.25331.1.S1_at,Dr.25379.1.S1_at			-1728	-1710	1	tgagttctaaagtgacctg	
ENSDARG00000017289	ENSDART00000047865	Dr.25331.1.S1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at,Dr.25331.1.S1_at,Dr.25379.1.S1_at			-1425	-1407	1	tgagttctaaagtgacctg	
ENSDARG00000017289	ENSDART00000050670	Dr.25331.1.S1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at,Dr.25331.1.S1_at,Dr.25379.1.S1_at			-1728	-1710	1	tgagttctaaagtgacctg	
ENSDARG00000017619	ENSDART00000038499	Dr.25379.1.S1_at,Dr.3025.3.S1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at			-503	-485	-1	tcagggacactctgatctac	
ENSDARG00000017619	ENSDART00000038499	Dr.25379.1.S1_at,Dr.3025.3.S1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at			-503	-485	-1	tcagggacactctgatctac	
ENSDARG00000017624	ENSDART00000012644	Dr.4387.1.S1_at	krt4	keratin 4 [Source:RefSeq_peptide;Acc:NP_571584]	-937	-919	-1	ataggttggttgacctaa	
ENSDARG00000018529	ENSDART00000020545	Dr.4249.1.S1_at	lipf	lipase, gastric [Source:RefSeq_peptide;Acc:NP_998569]	-1057	-1039	1	tgatgtggcgtgacctgt	
ENSDARG00000019302	ENSDART00000007649	Dr.25285.1.S1_at,Dr.11211.1.S1_at	zgc:73223	hypothetical protein MGC73223 [Source:RefSeq_peptide;Acc:NP_957126]	29	47	-1	accaggaatgaccttt	
ENSDARG00000019862	ENSDART00000009054	Dr.913.1.S1_at	zgc:63909	tropomyosin 4 isoform 2 [Source:RefSeq_peptide;Acc:NP_998323]	-4507	-4489	-1	tcaggagaatgaccacaaa	
ENSDARG00000020485	ENSDART00000011573	Dr.10314.1.S1_a_at			-1349	-1331	-1	tcgggtgtgtggctgcta	
ENSDARG00000021443	ENSDART00000014168	Dr.24122.1.A1_at	NP_955943.1	CCCH zinc finger protein C3H-2 [Source:RefSeq_peptide;Acc:NP_955943]	-1795	-1777	1	tccagttactatgacctt	
ENSDARG00000023820	ENSDART00000038857	Dr.8390.1.S1_at	zgc:55420	hypothetical protein LOC406828 [Source:RefSeq_peptide;Acc:NP_998672]	-3604	-3586	1	gcagcacacactgaccacc	
ENSDARG00000023963	ENSDART00000036075	Dr.913.1.S1_at			-4731	-4713	1	tcaggagaatgaccacaaa	
ENSDARG00000024892	ENSDART00000033228	Dr.3025.3.S1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at,Dr.25331.1.S1_at,Dr.25379.1.S1_at			-2075	-2057	-1	caaagtgtctctgaccacaa	
ENSDARG00000024892	ENSDART00000033228	Dr.3025.3.S1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at,Dr.25331.1.S1_at,Dr.25379.1.S1_at			-4197	-4179	-1	gttagattttgtgaccgga	
ENSDARG00000024892	ENSDART00000033228	Dr.3025.3.S1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at,Dr.25331.1.S1_at,Dr.25379.1.S1_at			-2075	-2057	-1	caaagtgtctctgaccacaa	
ENSDARG00000024892	ENSDART00000033228	Dr.3025.3.S1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at,Dr.25331.1.S1_at,Dr.25379.1.S1_at			-4197	-4179	-1	gttagattttgtgaccgga	
ENSDARG00000025400	ENSDART00000044869	Dr.25009.4.A1_at,Dr.25009.4.A1_at,Dr.25009.4.A1_at,Dr.25009.4.A1_at			-4281	-4263	1	aaagtgcagtgtgaccggg	
ENSDARG00000025400	ENSDART00000046418	Dr.25009.4.A1_at,Dr.25009.4.A1_at,Dr.25009.4.A1_at,Dr.25009.4.A1_at			-4281	-4263	1	aaagtgcagtgtgaccggg	
ENSDARG00000025400	ENSDART00000061150	Dr.25009.4.A1_at,Dr.25009.4.A1_at,Dr.25009.4.A1_at,Dr.25009.4.A1_at			-4380	-4362	1	aaagtgcagtgtgaccggg	
ENSDARG00000025400	ENSDART00000061161	Dr.25009.4.A1_at,Dr.25009.4.A1_at,Dr.25009.4.A1_at,Dr.25009.4.A1_at			-4281	-4263	1	aaagtgcagtgtgaccggg	
ENSDARG00000025400	ENSDART00000061165	Dr.25009.4.A1_at,Dr.25009.4.A1_at,Dr.25009.4.A1_at,Dr.25009.4.A1_at			-4281	-4263	1	aaagtgcagtgtgaccggg	
ENSDARG00000026039	ENSDART00000038200	Dr.9478.1.S1_at	cyp1a	cytochrome P450, family 1, subfamily A [Source:RefSeq_peptide;Acc:NP_571954]	-4819	-4801	1	aaagttcaactgtgacctg	
ENSDARG00000026090	ENSDART00000035302	Dr.12833.1.A1_at	zgc:64213	hypothetical protein LOC393393 [Source:RefSeq_peptide;Acc:NP_956715]	-36	-18	-1	ctagataaactgaccgga	
ENSDARG00000026680	ENSDART00000036600	Dr.26139.1.A1_at,Dr.26139.1.A1_x_at	slc25a14	solute carrier family 25 (mitochondrial carrier, brain), member 14 [Source:RefSeq_peptide;Acc:NP_956458]	-774	-756	-1	tcaattcaactgaccgga	
ENSDARG00000026680	ENSDART00000036600	Dr.26139.1.A1_at,Dr.26139.1.A1_x_at	slc25a14	solute carrier family 25 (mitochondrial carrier, brain), member 14 [Source:RefSeq_peptide;Acc:NP_956458]	-774	-756	-1	tcaattcaactgaccgga	
ENSDARG00000027088	ENSDART00000039267	Dr.1192.1.S1_at,Dr.1192.1.S1_a_at	wu:fb11h03	prostaglandin D2 synthase [Source:RefSeq_peptide;Acc:NP_998799]	-740	-722	1	ttatgtcaactgaccacaaa	
ENSDARG00000027088	ENSDART00000039267	Dr.1192.1.S1_at,Dr.1192.1.S1_a_at	wu:fb11h03	prostaglandin D2 synthase [Source:RefSeq_peptide;Acc:NP_998799]	-669	-651	1	ataagttcaactgaccacaaa	
ENSDARG00000027088	ENSDART00000039267	Dr.1192.1.S1_at,Dr.1192.1.S1_a_at	wu:fb11h03	prostaglandin D2 synthase [Source:RefSeq_peptide;Acc:NP_998799]	-740	-722	1	ttatgtcaactgaccacaaa	
ENSDARG00000027088	ENSDART00000039267	Dr.1192.1.S1_at,Dr.1192.1.S1_a_at	wu:fb11h03	prostaglandin D2 synthase [Source:RefSeq_peptide;Acc:NP_998799]	-669	-651	1	ataagttcaactgaccacaaa	
ENSDARG00000027924	ENSDART00000051147	Dr.25593.2.A1_at,Dr.25593.1.S1_at,Dr.4412.12.A1_at,Dr.25593.2.A1_at,Dr.25593.1.S1_at			-2247	-2229	-1	taaaatcggttgacctt	
ENSDARG00000027924	ENSDART00000051147	Dr.25593.2.A1_at,Dr.25593.1.S1_at,Dr.4412.12.A1_at,Dr.25593.2.A1_at,Dr.25593.1.S1_at			-4561	-4543	-1	caagttgtgacctgacctca	
ENSDARG00000027924	ENSDART00000051147	Dr.25593.2.A1_at,Dr.25593.1.S1_at,Dr.4412.12.A1_at,Dr.25593.2.A1_at,Dr.25593.1.S1_at			-2247	-2229	-1	taaaatcggttgacctt	

Supplementary Table 3 (cont.). Location of putative EREs

Gene ID	Transcript ID	Affy IDs	Symbol	Description	Start	End	Strand	Sequence
ENSDARG00000027924	ENSDART00000051147	Dr.25593.2.A1_at,Dr.25593.1.S1_at,Dr.4412.12.A1_at,Dr.25593.2.A1_at,Dr.25593.1.S1_at,Dr.4412.12.A1_at,Dr.25527.1.A1_x_at,Dr.25527.1.A1_at			-4561	-4543	-1	caagttgacgtgacccta
ENSDARG00000027924	ENSDART00000051147	Dr.25593.2.A1_at,Dr.25593.1.S1_at,Dr.4412.12.A1_at,Dr.25593.2.A1_at,Dr.25593.1.S1_at,Dr.4412.12.A1_at,Dr.25527.1.A1_x_at,Dr.25527.1.A1_at			-2247	-2229	-1	taaaatcggttgaccitt
ENSDARG00000027924	ENSDART00000051147	Dr.1282.1.S1_at	krb8	keratin 8 [Source:RefSeq_peptide;Acc:NP_956374]	-4561	-4543	-1	caagttgacgtgacccta
ENSDARG00000029086	ENSDART00000011928	Dr.1368.7.S1_at	zgc:91877	hypothetical protein LOC337397 [Source:RefSeq_peptide;Acc:NP_997941]	-218	-200	-1	glaattcaatgaccaga
ENSDARG00000030236	ENSDART00000048550	Dr.9682.1.A1_at			-3947	-3929	-1	gccaatcaacgtgaccga
ENSDARG00000031664	ENSDART00000049339	Dr.8215.1.A1_at	sox21a	SRY-box 21 [Source:RefSeq_peptide;Acc:NP_571361]	-1860	-1842	-1	gcacgtgcctgacgttg
ENSDARG00000033735	ENSDART00000049874	Dr.2973.1.A1_at,Dr.2973.1.A1_at	Q4Z8P3_BRARE	Neutrophil cytosolic factor 1. [Source:Uniprot/SPTREMBL;Acc:Q4Z8P3]	-4888	-4870	1	ctggagcaacctgaccct
ENSDARG00000033735	ENSDART00000049874	Dr.2973.1.A1_at,Dr.2973.1.A1_at	Q4Z8P3_BRARE	Neutrophil cytosolic factor 1. [Source:Uniprot/SPTREMBL;Acc:Q4Z8P3]	-3790	-3772	-1	aaagcaactgtgaccctg
ENSDARG00000033735	ENSDART00000050898	Dr.2973.1.A1_at,Dr.2973.1.A1_at	Q4Z8P3_BRARE	Neutrophil cytosolic factor 1. [Source:Uniprot/SPTREMBL;Acc:Q4Z8P3]	-2927	-2909	-1	tgagcctatgaccaccg
ENSDARG00000033735	ENSDART00000050898	Dr.2973.1.A1_at,Dr.2973.1.A1_at	Q4Z8P3_BRARE	Neutrophil cytosolic factor 1. [Source:Uniprot/SPTREMBL;Acc:Q4Z8P3]	-1290	-1272	-1	tgatgtaattgacacct
ENSDARG00000033735	ENSDART00000050898	Dr.2973.1.A1_at,Dr.2973.1.A1_at	Q4Z8P3_BRARE	Neutrophil cytosolic factor 1. [Source:Uniprot/SPTREMBL;Acc:Q4Z8P3]	-3845	-3827	-1	aaagcaactgtgaccctg
ENSDARG00000033735	ENSDART00000050898	Dr.2973.1.A1_at,Dr.2973.1.A1_at	Q4Z8P3_BRARE	Neutrophil cytosolic factor 1. [Source:Uniprot/SPTREMBL;Acc:Q4Z8P3]	-2982	-2964	-1	tgagcctatgaccaccg
ENSDARG00000033735	ENSDART00000050898	Dr.2973.1.A1_at,Dr.2973.1.A1_at	Q4Z8P3_BRARE	Neutrophil cytosolic factor 1. [Source:Uniprot/SPTREMBL;Acc:Q4Z8P3]	-1345	-1327	-1	tgatgtaattgacacct
ENSDARG00000033770	ENSDART00000011961	Dr.25009.6.A1_a_at	vg1	Vitellogenin 1 (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q8JH36]	-179	-161	1	gcagggcaactgacctaa
ENSDARG00000035160	ENSDART00000050933	Dr.13775.1.S1_at			-2271	-2253	-1	ttggtaacctgacctgc
ENSDARG00000035743	ENSDART00000051853	Dr.14748.1.S1_at	zgc:63985	Unknown (protein for MGC:63985) [Source:RefSeq_peptide;Acc:NP_956252]	-4293	-4275	-1	acaatgagctctgacctg
ENSDARG00000036481	ENSDART00000053001	Dr.6550.1.A1_at	Q6PG35_BRARE	LOC407646 protein (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q6PG35]	-806	-788	-1	aaatggaaattgacctc
ENSDARG00000036517	ENSDART00000053070	Dr.1411.1.S1_at						
ENSDARG00000036519	ENSDART00000053072	Dr.1411.1.S1_at	si:xx-by187g17.1	[Source:Uniprot/SPTREMBL;Acc:Q6ZM17]	-1684	-1646	1	tcocgpggtgacctc
ENSDARG00000036519	ENSDART00000053072	Dr.1411.1.S1_at	hbaa1	Hemoglobin alpha chain (Alpha globin aa1). [Source:Uniprot/SWISSPROT;Acc:Q90487]	-3250	-3232	1	acaattcacttgacctc
ENSDARG00000036521	ENSDART00000053073	Dr.25155.1.S1_s_at	hbaa1	Hemoglobin alpha chain (Alpha globin aa1). [Source:Uniprot/SWISSPROT;Acc:Q90487]	-1642	-1624	-1	tcocgpggtgacctc
ENSDARG00000036527	ENSDART00000053078	Dr.1411.1.S1_at	ba2	Hemoglobin beta-1 chain (BetaA1 globin). [Source:Uniprot/SWISSPROT;Acc:Q90486]	-4287	-4249	-1	tcocgpggtgacctc
ENSDARG00000036528	ENSDART00000053080	Dr.8723.1.S1_at	NP_001002461.1	si:xx-by187g17.1 NP_001002461.1 [Source:RefSeq_dna;Acc:NM_131257]	-1684	-1646	1	tcocgpggtgacctc
ENSDARG00000036531	ENSDART00000053083	Dr.1411.1.S1_at	hbaa1	Hemoglobin alpha chain (Alpha globin aa1). [Source:Uniprot/SWISSPROT;Acc:Q90487]	-273	-255	1	acaattcacttgacctc
ENSDARG00000036531	ENSDART00000053083	Dr.1411.1.S1_at	hbaa1	Hemoglobin alpha chain (Alpha globin aa1). [Source:Uniprot/SWISSPROT;Acc:Q90487]	-3243	-3225	-1	acaattcacttgacctc
ENSDARG00000036535	ENSDART00000042396	Dr.25155.1.S1_s_at	ba2	Hemoglobin beta-1 chain (BetaA1 globin). [Source:Uniprot/SWISSPROT;Acc:Q90486]	-1636	-1618	1	tcocgpggtgacctc
ENSDARG00000036776	ENSDART00000053399	Dr.16380.1.A1_at	NP_001004540.1	aldehyde dehydrogenase 8 family, member A1 [Source:RefSeq_peptide;Acc:NP_001004540]	-4257	-4239	-1	tcocgpggtgacctc
ENSDARG00000036776	ENSDART00000053399	Dr.16380.1.A1_at	NP_001004540.1	aldehyde dehydrogenase 8 family, member A1 [Source:RefSeq_peptide;Acc:NP_001004540]	-2837	-2819	1	acaactctttgacctgt
ENSDARG00000036893	ENSDART00000053567	Dr.16206.1.A1_at,Dr.16206.1.A1_s_at			-549	-531	-1	ataagctcaatgacctaa
ENSDARG00000036893	ENSDART00000053567	Dr.16206.1.A1_at,Dr.16206.1.A1_s_at			-3911	-3893	-1	taaaattattgaccctaa
ENSDARG00000036893	ENSDART00000053567	Dr.16206.1.A1_at,Dr.16206.1.A1_s_at			-1045	-1027	-1	acagaagtgtgaccctaa
ENSDARG00000036893	ENSDART00000053567	Dr.16206.1.A1_at,Dr.16206.1.A1_s_at			-3911	-3893	-1	taaaattattgaccctaa
ENSDARG00000039027	ENSDART00000056969	Dr.4797.1.S1_at,Dr.4797.1.S1_at			-1045	-1027	-1	acagaagtgtgaccctaa
ENSDARG00000039150	ENSDART00000057192	Dr.24341.1.S1_at	zgc:76953	hypothetical protein LOC406625 [Source:RefSeq_peptide;Acc:NP_999924]	-3691	-3673	-1	ataagtaactgacctc
ENSDARG00000039728	ENSDART00000037346	Dr.3581.1.S1_at,Dr.3581.1.S1_a_at	ctrb1	chymotrypsinogen B1 [Source:RefSeq_peptide;Acc:NP_997783]	-4485	-4467	-1	ggcaataattgacctc
ENSDARG00000039747	ENSDART00000058095	Dr.4797.1.S1_at			-3957	-3939	-1	ttgttaactgacctc
ENSDARG00000040251	ENSDART00000011497	Dr.4048.1.S1_at	zgc:110367	hypothetical protein LOC550475 [Source:RefSeq_peptide;Acc:NP_001017778]	-908	-890	-1	tcagtcatctgacctc
ENSDARG00000040251	ENSDART00000011497	Dr.4048.1.S1_at	zgc:110367	hypothetical protein LOC550475 [Source:RefSeq_peptide;Acc:NP_001017778]	-3906	-3888	-1	ttaggtttattgacctc
ENSDARG00000040251	ENSDART00000011497	Dr.4048.1.S1_at	zgc:110367	hypothetical protein LOC550475 [Source:RefSeq_peptide;Acc:NP_001017778]	-3370	-3352	-1	agattgacctgaccctg
ENSDARG00000040251	ENSDART00000011497	Dr.4048.1.S1_at	zgc:110367	hypothetical protein LOC550475 [Source:RefSeq_peptide;Acc:NP_001017778]	-2569	-2551	-1	ccagttgacctgaccctg
ENSDARG00000040251	ENSDART00000011497	Dr.4048.1.S1_at	zgc:110367	hypothetical protein LOC550475 [Source:RefSeq_peptide;Acc:NP_001017778]	-1128	-1110	-1	ctggaacacctgacctt
ENSDARG00000040295	ENSDART00000058965	Dr.1246.1.S1_at	apoeb	Apolipoprotein Eb precursor (Apo-Eb). [Source:Uniprot/SWISSPROT;Acc:O42364]	-1366	-1348	-1	aaagtaattgacctc
ENSDARG00000040527	ENSDART00000059311	Dr.20722.1.S1_at	NP_956583.1	similar to yolk sac gene 2 [Source:RefSeq_peptide;Acc:NP_956583]	-3077	-3059	-1	aaagtaattgacctc
ENSDARG00000040528	ENSDART00000059314	Dr.5853.1.A1_at	zgc:77059	hypothetical protein LOC405809 [Source:RefSeq_peptide;Acc:NP_998038]	-4761	-4743	-1	tcagtcatctgacctc
ENSDARG00000040856	ENSDART00000059886	Dr.4212.1.S1_at	ldha	L-lactate dehydrogenase A chain (EC 1.1.1.27) (LDH-A). [Source:Uniprot/SWISSPROT;Acc:Q9PVK5]	-404	-386	-1	ataggcaglattgacctc
ENSDARG00000041639	ENSDART00000044076	Dr.25379.1.S1_at,Dr.23812.1.A1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at			-1784	-1766	1	agagatcacatgaccctaa
ENSDARG00000041639	ENSDART00000044076	Dr.25379.1.S1_at,Dr.23812.1.A1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at			-1603	-1585	-1	tcctgacctgacctc
ENSDARG00000041639	ENSDART00000044076	Dr.25379.1.S1_at,Dr.23812.1.A1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at			-1784	-1766	1	agagatcacatgaccctaa
ENSDARG00000041639	ENSDART00000044076	Dr.25379.1.S1_at,Dr.23812.1.A1_at,Dr.25379.1.S1_at,Dr.3025.3.S1_at			-1603	-1585	-1	tcctgacctgacctc
ENSDARG00000041639	ENSDART00000061043	Dr.25331.1.S1_at,Dr.25379.1.S1_at,Dr.25331.1.S1_at,Dr.25379.1.S1_at			-4961	-4943	-1	caaagtgtctgaccctg
ENSDARG00000041774	ENSDART00000061223	Dr.25009.6.A1_a_at			-1168	-1150	-1	acagtgaactgaccctg
ENSDARG00000041774	ENSDART00000061223	Dr.25009.6.A1_a_at			-190	-172	-1	aaagccagggtgacctc
ENSDARG00000042035	ENSDART00000061601	Dr.7110.1.S1_at	zgc:77614	hypothetical protein LOC393868 [Source:RefSeq_peptide;Acc:NP_957188]	-2474	-2456	-1	aacgcaaaactgacctc
ENSDARG00000042040	ENSDART00000061613	Dr.7110.1.S1_at			-2186	-2168	-1	aacgcaaaactgacctc
ENSDARG00000042046	ENSDART00000061618	Dr.7110.1.S1_at	zgc:77614	hypothetical protein LOC393868 [Source:RefSeq_peptide;Acc:NP_957188]	-2155	-2137	-1	aacgcaaaactgacctc
ENSDARG00000042391	ENSDART00000062156	Dr.14748.1.S1_at	zgc:63985	zgc:63985 (zgc:63985), mRNA [Source:RefSeq_dna;Acc:NM_199958]	-4265	-4247	-1	acagtgaactgacctc
ENSDARG00000043618	ENSDART00000064041	Dr.7236.1.A1_at,Dr.7236.1.A1_at			-2063	-2045	-1	ctggagcaactgacctc
ENSDARG00000043618	ENSDART00000064044	Dr.7236.1.A1_at,Dr.7236.1.A1_at			-2063	-2045	-1	ctggagcaactgacctc
ENSDARG00000043670	ENSDART00000024462							
ENSDARG00000043960	ENSDART00000064542	Dr.6147.1.A1_at	NM_001013259.1	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 (serpina1), mRNA [Source:RefSeq_dna;Acc:NM_001013259]	-688	-670	1	atgattgacctgacctc
ENSDARG00000043990	ENSDART00000064579	Dr.7806.1.A1_at	zgc:77150	hypothetical protein LOC406587 [Source:RefSeq_peptide;Acc:NP_999913]	-831	-813	-1	tcacccctctgacctc
ENSDARG00000044002	ENSDART00000064591	Dr.11609.1.S1_at,Dr.11609.1.S1_at	NP_001002187.1	hypothetical protein LOC431734 [Source:RefSeq_peptide;Acc:NP_001002187]	-4078	-4060	-1	tgccgactctgacctc
ENSDARG00000044125	ENSDART00000064789	Dr.8723.1.S1_at	zgc:92903	zgc:92903 [Source:RefSeq_peptide;Acc:NP_001002461]	-2977	-2959	-1	caagtatttacctc
ENSDARG00000044176	ENSDART00000064858	Dr.23470.1.S1_s_at,Dr.8198.1.A1_at	Kreisl2	Kreisl2 (mouse) maf-related leucine zipper homolog 2.2 [Source:RefSeq_peptide;Acc:NP_571917]	-273	-255	1	tcagttcactgacctc
ENSDARG00000044176	ENSDART00000064858	Dr.23470.1.S1_s_at,Dr.8198.1.A1_at	Kreisl2	Kreisl2 (mouse) maf-related leucine zipper homolog 2.2 [Source:RefSeq_peptide;Acc:NP_571917]	-1466	-1448	-1	tcagcaactctgacctc
ENSDARG00000044176	ENSDART00000064858	Dr.14041.1.S1_at	Kreisl2	Kreisl2 (mouse) maf-related leucine zipper homolog 2.2 [Source:RefSeq_peptide;Acc:NP_571917]	-1466	-1448	-1	tcagcaactctgacctc
ENSDARG00000044613	ENSDART00000014927	Dr.7110.1.S1_at	NP_001005976.1	hypothetical protein LOC449803 [Source:RefSeq_peptide;Acc:NP_001005976]	-4747	-4729	1	aaagcaaaattgacctc
ENSDARG00000044936	ENSDART00000066051	Dr.7110.1.S1_at	zgc:77614	hypothetical protein LOC393868 [Source:RefSeq_peptide;Acc:NP_957188]	-2318	-2300	-1	gcagatctgacctc
ENSDARG00000044936	ENSDART00000066051	Dr.7110.1.S1_at	zgc:77614	hypothetical protein LOC393868 [Source:RefSeq_peptide;Acc:NP_957188]	-4494	-4476	-1	actggacattgaccctg
ENSDARG00000045230	ENSDART00000066506	Dr.956.1.S1_at	NP_001002695.1	zgc:92631 [Source:RefSeq_peptide;Acc:NP_001002695]	-68	-50	1	tcggttcaattgacctc