

Table S2. Up-regulated genes in BDV infected Lewis stice cultures. Genes induced more than 2-fold at 23 days post infection are listed

Gene ID	p-value	Corrected p-value	FCAbsolute	regulation	Common name	GeneSymbol	GenbankAccession	EnsemblID	EntrezGene	RefSeq
A 44 P283726	2.93E-05	1.03E-03	338.62	up	NM 001007694	Ifi3	NM 001007694	ENSRNOT00000031025	309526	NM 001007694
A 44 P294675	1.00E-04	1.94E-03	257.60	up	NM 003687	Sifn3	NM 053687	ENSRNOT00000012859	114247	NM 003687
A 44 P391672	2.09E-06	4.43E-04	178.18	up	ENSRNOT00000028855	ENSRNOT00000028855		ENSRNOT00000028855		XM 230608
A 44 P279340	8.54E-06	6.25E-04	109.60	up	NM 138913	Oas1	NM 138913	ENSRNOT00000038426	192281	NM 138913
A 44 P196172	3.57E-06	4.62E-04	109.04	up	NM 138881	Bes5f	NM 138881	ENSRNOT00000010092	65190	NM 138881
A 44 P428642	3.87E-05	1.19E-03	105.11	up	AJ302054	Zbp1	AJ302054	ENSRNOT00000008365	171091	XM 342594
A 44 P226999	1.17E-05	7.25E-04	104.97	up	NM 001009680	Oas1i	NM 001009680	ENSRNOT00000043279	304507	NM 001009680
A 44 P492025	2.88E-06	4.43E-04	100.52	up	NM 001009681	Oas1i	NM 001009681	ENSRNOT00000001570	304545	NM 001009681
A 44 P1039994	2.51E-06	4.43E-04	93.99	up	NM 001033691	Irf7	NM 001033691	ENSRNOT000000023504	293624	NM 001033691
A 44 P284200	1.39E-06	4.43E-04	77.83	up	NM 001014058	Usp18	NM 001014058		312688	NM 001014058
A 44 P157229	4.47E-06	4.62E-04	75.43	up	NM 001014058	Usp18	NM 001014058		312688	NM 001014058
A 44 P1013314	2.61E-05	1.02E-03	69.57	up	ENSRNOT00000039263	G1p2 predicted		ENSRNOT00000039263	298693	XM 216605
A 44 P975601	1.43E-05	7.92E-04	54.22	up	NM 001014235	LOC364393	NM 001014235		364393	NM 001014235
A 44 P696994	3.02E-06	4.43E-04	54.11	up	NM 001024753	Ifi2	NM 001024753	ENSRNOT000000054757	294091	NM 001024753
A 44 P932042	1.77E-03	7.77E-03	49.31	up	BF544728	BF544728	BF544728			
A 44 P532270	1.55E-04	2.37E-03	46.94	up	ENSRNOT00000031023	Herc6		ENSRNOT00000031023	362376	XM 342700
A 44 P832019	1.20E-04	2.04E-03	40.41	up	NM 001014235	LOC364393	NM 001014235		364393	NM 001014235
A 43 P14036	1.25E-04	2.07E-03	39.86	up	NM 206846	isg12(b)	NM 206846		299269	NM 206846
A 44 P370190	4.19E-05	1.23E-03	39.24	up	NM 138881	Bes5f	NM 138881	ENSRNOT00000010092	65190	NM 138881
A 44 P1057055	2.16E-03	8.58E-03	37.85	up	NM 213425	Ccl12 predicted	XM 213425		287562	NM 213425
A 42 P736315	1.97E-04	2.72E-03	37.64	up	ENSRNOT00000043660	Rtp4 predicted		ENSRNOT00000043660	360733	XM 001056345
A 44 P423691	3.01E-04	3.23E-03	37.09	up	NM 012976	Lgals5	NM 012976	ENSRNOT00000016897	25475	NM 012976
A 44 P212964	6.75E-05	1.65E-03	36.44	up	ENSRNOT0000003012	Plac8 predicted		ENSRNOT0000003012	360914	NM 341188
A 42 P565621	1.82E-04	2.61E-03	36.41	up	ENSRNOT00000010594	Slamf9 predicted		ENSRNOT00000010594	289235	NM 213932
A 44 P393679	4.47E-07	4.12E-04	35.83	up	XM 222950	RGD1562462 predicted	XM 222950		289245	NM 222950
A 44 P306930	8.23E-06	6.25E-04	32.94	up	ENSRNOT00000036512	LOC684383		ENSRNOT00000036512	684383	NM 001072319
A 44 P187530	1.18E-04	2.02E-03	31.36	up	NM 001008858	RT1-T24-1	NM 001008858		361787	NM 001008858
A 44 P199187	7.01E-05	1.67E-03	28.27	up	NM 001012353	MGC108823	NM 001012353		307414	NM 001012353
A 44 P422880	1.51E-05	7.92E-04	28.26	up	AI045512	AI045512	AI045512			
A 44 P410016	4.53E-05	1.31E-03	27.19	up	NM 001024753	Ifi2	NM 001024753	ENSRNOT000000054757	294091	NM 001024753
A 44 P973681	1.60E-05	7.99E-04	26.65	up	AW141066	AW141066	AW141066			
A 44 P1039128	2.10E-03	8.47E-03	24.43	up	NM 139089	Cxcl10	NM 139089	ENSRNOT00000003075	245920	NM 139089
A 44 P123926	1.55E-05	7.96E-04	24.31	up	NM 227820	LOC310968	XM 227820		310968	XM 227820
A 44 P126061	1.94E-05	9.28E-04	23.33	up	NM 001009682	Oas2	NM 001009682	ENSRNOT00000001600	300459	NM 001009682
A 44 P214846	3.73E-07	4.12E-04	23.20	up	NM 134350	Mx2	NM 134350	ENSRNOT00000002895	286818	NM 134350
A 44 P180431	2.15E-05	9.36E-04	21.46	up	ENSRNOT00000036512	LOC684383		ENSRNOT00000036512	684383	NM 001072319
A 44 P444610	2.19E-05	9.36E-04	21.27	up	BF284803	BF284803	BF284803			
A 44 P110352	8.31E-05	1.80E-03	20.80	up	ENSRNOT00000032512	ENSRNOT00000032512		ENSRNOT00000032512		
A 43 P15536	1.49E-05	7.92E-04	20.18	up	NM 019127	Ifnb1	NM 019127	ENSRNOT00000008224	24481	NM 019127
A 44 P534349	2.68E-05	1.02E-03	19.78	up	XM 224738	XM 224738	XM 224738			
A 44 P1029397	2.25E-04	2.92E-03	19.53	up	NM 198134	Bst2	NM 198134	ENSRNOT00000038494	378947	NM 198134
A 42 P661992	8.18E-05	1.80E-03	19.38	up	XM 001075548	LOC690768	XM 001075548		690768	NM 001075058
A 44 P373660	1.36E-05	7.92E-04	19.00	up	AI408440	AI408440	AI408440			
A 44 P454420	1.09E-04	2.00E-03	18.91	up	AF029241	RT1-S3	AF029241		294228	
A 42 P504653	9.88E-04	5.67E-03	18.89	up	NM 017143	F10	NM 017143	ENSRNOT00000026677	29243	NM 017143
A 44 P423641	8.59E-05	1.81E-03	18.42	up	NM 012977	Lgals9	NM 012977	ENSRNOT00000017071	25476	NM 012977
A 44 P328136	6.97E-05	1.67E-03	18.31	up	NM 173096	Mx1	NM 173096	ENSRNOT00000039876	24575	NM 173096
A 44 P317250	3.59E-04	3.54E-03	18.23	up	AA819034	AA819034	AA819034			
A 44 P981153	3.51E-03	1.12E-02	18.19	up	CO562477	CO562477	CO562477			
A 44 P150017	8.84E-05	1.81E-03	18.01	up	TC582911	TC582911	TC582911			
A 44 P1020615	1.35E-06	4.43E-04	17.90	up	ENSRNOT00000029990	Ifi44		ENSRNOT00000029990	310969	XM 227821
A 44 P1029403	2.82E-04	3.21E-03	17.30	up	NM 198134	Bst2	NM 198134	ENSRNOT00000036276	378947	NM 198134
A 44 P901471	4.77E-06	4.62E-04	17.23	up	TC594336	TC594336	TC594336			
A 44 P1020608	5.18E-06	4.62E-04	16.86	up	ENSRNOT00000029990	Ifi44		ENSRNOT00000029990	310969	XM 227821
A 44 P407771	2.35E-06	4.43E-04	16.82	up	ENSRNOT00000029990	Ifi44		ENSRNOT00000029990	310969	XM 227821
A 43 P21799	2.16E-05	9.36E-04	16.38	up	ENSRNOT00000024718	RGD1310093 predicted		ENSRNOT00000024718	303538	XM 220978
A 44 P103411	1.06E-03	5.95E-03	15.74	up	BM385476	BM385476	BM385476			
A 42 P557394	6.03E-07	4.12E-04	15.57	up	NM 001008510	Isq20	NM 001008510	ENSRNOT00000024826	293052	NM 001008510
A 44 P304323	4.43E-03	1.29E-02	15.50	up	NM 031116	Ccl5	NM 031116	ENSRNOT00000014865	81780	NM 031116
A 44 P299213	1.16E-05	7.25E-04	15.45	up	NM 203410	Ifi271	NM 203410	ENSRNOT00000012296	170512	NM 203410
A 44 P444614	9.54E-05	1.88E-03	15.33	up	BF284803	BF284803	BF284803			
A 44 P550785	1.65E-03	7.44E-03	14.89	up	ENSRNOT00000037399	Gbp5 predicted		ENSRNOT00000037399	362050	XM 342352
A 44 P779731	5.51E-04	4.25E-03	13.97	up	TC585855	TC585855	TC585855			
A 44 P768625	1.51E-04	2.33E-03	13.27	up	XM 001079971	Ifi1 predicted	XM 001079971		294090	NM 001079971
A 43 P19776	3.12E-02	4.60E-02	11.49	up	XM 001060637	LOC682243	XM 001060637		682243	XM 001060637
A 44 P528552	1.69E-06	4.43E-04	11.47	up	ENSRNOT00000052003	Tyk1 predicted		ENSRNOT00000052003	314004	XM 234017
A 44 P18566	5.12E-03	1.41E-02	11.07	up	TC593044	TC593044	TC593044			
A 42 P840729	2.62E-02	4.05E-02	10.90	up	DV725094	DV725094	DV725094			
A 44 P1025349	1.73E-04	2.53E-03	10.84	up	ENSRNOT00000046483	Ube11 predicted		ENSRNOT00000046483	301000	XM 217252
A 44 P156642	6.42E-05	1.60E-03	10.27	up	XM 218339	RGD1304717 predicted	XM 218339		308436	XM 218339
A 44 P179956	7.42E-04	5.05E-03	9.93	up	AY321344	Igtp	AY321344	ENSRNOT00000039335	303163	NM 220451
A 44 P192801	1.57E-03	7.32E-03	9.91	up	BF283485	BF283485	BF283485			
A 44 P522318	1.67E-03	7.46E-03	9.85	up	NM 181476	Gpr109a	NM 181476	ENSRNOT00000032249	353250	NM 181476
A 44 P174992	1.13E-03	6.06E-03	9.82	up	NM 172019	Ifi47	NM 172019	ENSRNOT00000003343	246208	NM 172019
A 44 P259241	2.93E-04	3.21E-03	9.67	up	BI395793	BI395793	BI395793			
A 44 P257893	1.42E-04	2.22E-03	9.65	up	ENSRNOT00000022648	Gbp4 predicted		ENSRNOT00000022648	310917	XM 227762
A 44 P544063	4.23E-06	4.62E-04	9.65	up	NM 001012007	Irgm	NM 001012007	ENSRNOT00000045540	303090	NM 001012007
A 43 P11359	6.64E-04	4.74E-03	9.61	up	AW921109	AW921109	AW921109			
A 42 P527724	1.99E-03	8.28E-03	9.42	up	NM 053634	Fcnb	NM 053634	ENSRNOT00000012494	114091	NM 053634
A 44 P163706	1.25E-04	2.07E-03	9.36	up	NM 001014235	LOC364393	NM 001014235	ENSRNOT00000059475	364393	NM 001014235
A 44 P164512	5.11E-05	1.36E-03	9.36	up	NM 032612	Stat1	NM 032612	ENSRNOT00000052121	25124	NM 032612
A 44 P793692	2.17E-04	2.88E-03	9.20	up	TC606133	TC606133	TC606133			
A 44 P469113	2.30E-03	8.95E-03	9.20	up	ENSRNOT00000055957	Sifn2 predicted		ENSRNOT00000055957	303380	XM 220779
A 42 P521707	1.59E-04	2.39E-03	9.02	up	L23128	RT1-N3	L23128	ENSRNOT0000001035	24750	
A 44 P1053321	5.62E-04	4.26E-03	9.01	up	NM 133624	Gbp2	NM 133624	ENSRNOT0000001035	24750	
A 44 P332606	3.27E-03	1.08E-02	8.80	up	NM 172222	C2	NM 172222	ENSRNOT00000006067	24231	NM 172222
A 44 P1042473	1.09E-04	2.00E-03	8.77	up	NM 139096	Lgals3bp	NM 139096	ENSRNOT00000004320	254955	NM 139096
A 44 P853254	4.74E-05	1.32E-03	8.59	up	TC600083	TC600083	TC600083			
A 44 P175495	2.42E-02	3.83E-02	8.39	up	NM 182952	Cxcl11	NM 182952	ENSRNOT00000031667	305236	NM 182952
A 44 P333384	5.51E-03	1.46E-02	8.34	up	NM 001024788	RGD1310036	NM 001024788	ENSRNOT00000047309	316000	NM 001024788
A 44 P373236	2.22E-04	2.90E-03	8.30	up	NM 001013970	Sifn8	NM 001013970	ENSRNOT00000055963	303378	NM 001013970
A 44 P933121	3.57E-03	1.14E-02	8.22	up	TC594767	TC594767	TC594767			
A 44 P590748	8.31E-05	1.80E-03	8.16	up	ENSR					

A 43 P19242	3.85E-03	1.19E-02	6.16	up	ENSRNOT00000006680	Glis2 predicted	ENSRNOT00000006680	302946	XM 220169	
A 44 P521505	1.01E-04	1.94E-03	6.07	up	AA866448	AA866448	AA866448			
A 43 P19238	1.31E-04	2.09E-03	6.03	up	NM 001034137	Sp110	NM 001034137	ENSRNOT00000056995	301570	NM 001034137
A 44 P337579	1.52E-03	7.24E-03	5.99	up	NM 001008346	RGD1308302	NM 001008346	ENSRNOT00000025651	308911	NM 001008346
A 44 P291395	4.73E-03	1.34E-02	5.95	up	AI113042	AI113042	AI113042			
A 42 P511265	9.06E-04	5.46E-03	5.91	up	NM 001008845	RT1-CE7	NM 001008845	ENSRNOT000000061109	368153	NM 001008845
A 44 P824698	3.89E-03	1.20E-02	5.89	up	TC636178	TC636178	TC636178			
A 42 P732259	4.31E-03	1.26E-02	5.87	up	NM 001024976	RGD1304835	NM 001024976	ENSRNOT00000057317	294430	NM 001024976
A 44 P299505	4.86E-03	1.36E-02	5.81	up	AF147718	LOC192182	AF147718		192182	
A 44 P342821	1.19E-03	6.25E-03	5.72	up	NM 001025111	Cd300f	NM 001025111	ENSRNOT00000039284	287818	NM 001025111
A 44 P286294	1.71E-02	3.03E-02	5.71	up	XM 221185	LOC303730	XM 221185		303730	XM 221185
A 44 P457548	5.58E-05	1.44E-03	5.70	up	ENSRNOT00000030975	Parp9 predicted	ENSRNOT00000030975	303905	XM 221404	
A 44 P501234	9.84E-04	5.67E-03	5.68	up	NM 001008830	RT1-A3	NM 001008830	ENSRNOT00000000544	309627	NM 001008830
A 44 P390172	2.61E-04	3.13E-03	5.67	up	AJ004888	RT1-Aw2	AJ004888		24737	
A 44 P324707	3.88E-04	3.70E-03	5.64	up	NM 012645	RT1-Aw2	NM 012645		24737	NM 012645
A 44 P1039634	3.33E-03	1.09E-02	5.63	up	ENSRNOT00000017562	Odf3 predicted	ENSRNOT00000017562	365387	XM 344975	
A 44 P261738	2.98E-03	1.01E-02	5.58	up	BX883043	BX883043	BX883043			
A 44 P801735	4.55E-03	1.31E-02	5.55	up	AW918370	AW918370	AW918370			
A 44 P274805	3.63E-03	1.15E-02	5.54	up	NM 001025749	Grap	NM 001025749	ENSRNOT00000003515	363616	NM 001025749
A 44 P306439	4.75E-03	1.34E-02	5.53	up	NM 207603	Fcgr3a	NM 207603	ENSRNOT00000047434	304966	NM 207603
A 44 P346959	3.79E-05	1.19E-03	5.52	up	NM 001012041	lsfg3g	NM 001012041	ENSRNOT00000050853	305896	NM 001012041
A 44 P128151	2.40E-04	3.04E-03	5.47	up	NM 001008886	RT1-S3	NM 001008886	ENSRNOT000000061293	294228	NM 001008886
A 44 P960755	1.25E-03	6.38E-03	5.44	up	TC596991	TC596991	TC596991			
A 42 P660129	2.87E-04	3.21E-03	5.39	up	NM 130422	Casp12	NM 130422	ENSRNOT00000010243	156117	NM 130422
A 44 P254437	8.87E-03	1.95E-02	5.39	up	BQ783109	BQ783109	BQ783109			
A 44 P348614	3.41E-04	3.49E-03	5.37	up	NM 001034137	Sp110	NM 001034137	ENSRNOT00000056995	301570	NM 001034137
A 43 P15427	3.52E-04	3.52E-03	5.36	up	NM 022670	Sct	NM 022670	ENSRNOT00000024094	24769	NM 022670
A 43 P10593	1.33E-04	2.09E-03	5.34	up	NM 032612	Stat1	NM 032612		25124	NM 032612
A 44 P301963	3.03E-04	3.24E-03	5.28	up	NM 012708	Psmb9	NM 012708	ENSRNOT00000000532	24967	NM 012708
A 44 P182020	1.06E-03	5.95E-03	5.27	up	NM 080767	Psmb8	NM 080767	ENSRNOT00000000528	24968	NM 080767
A 44 P180229	1.13E-03	6.06E-03	5.27	up	XR 009137	RGD1655457 predicted	XR 009137		288589	XR 009137
A 44 P928367	1.46E-05	7.92E-04	5.26	up	CV110972	CV110972	CV110972			
A 44 P450075	6.53E-03	1.63E-02	5.19	up	ENSRNOT00000054756	lflit1 predicted	ENSRNOT00000054756	294900	XM 220058	
A 44 P536613	2.84E-03	9.78E-03	5.11	up	NM 001025415	Ch25h	NM 001025415	ENSRNOT00000025866	309527	NM 001025415
A 44 P325894	1.01E-03	5.78E-03	5.10	up	XM 221916	Zfp316 predicted	XM 221916	ENSRNOT00000038662	304293	XM 221916
A 44 P704966	6.31E-05	1.60E-03	5.09	up	BI285978	BI285978	BI285978			
A 44 P1022002	3.21E-02	4.70E-02	5.05	up	NM 001007612	Ccl7	NM 001007612	ENSRNOT00000000256	287561	NM 001007612
A 44 P385319	4.51E-03	1.30E-02	5.02	up	AA925708	AA925708	AA925708			
A 44 P274061	4.01E-04	3.78E-03	4.95	up	NM 001008841	RT1-CE3	NM 001008841	ENSRNOT00000050099	414793	NM 001008841
A 44 P318466	5.67E-04	4.26E-03	4.94	up	NM 001009536	Trim25	NM 001009536		494338	NM 001009536
A 44 P855088	2.09E-03	8.47E-03	4.92	up	TC602624	TC602624	TC602624			
A 44 P566471	1.46E-02	2.74E-02	4.92	up	BF287625	BF287625	BF287625			
A 44 P992056	2.78E-03	9.64E-03	4.90	up	NM 001024967	Tmm106a	NM 001024967	ENSRNOT00000035523	287722	NM 001024967
A 44 P803484	5.65E-06	4.82E-04	4.88	up	BG666368	BG666368	BG666368			
A 44 P836120	2.84E-05	1.03E-03	4.87	up	DV717880	DV717880	DV717880			
A 44 P252935	1.92E-02	3.28E-02	4.85	up	XM 223421	XM 223421	XM 223421			
A 44 P252630	2.11E-05	9.36E-04	4.84	up	NM 001047860	RGD1306344	NM 001047860	ENSRNOT00000055127	296384	NM 001047860
A 44 P172850	1.07E-03	5.98E-03	4.73	up	NM 001008843	RT1-CE5	NM 001008843	ENSRNOT00000038495	309607	NM 001008843
A 44 P318778	7.28E-04	4.98E-03	4.72	up	ENSRNOT00000055210	Trim34 predicted	ENSRNOT00000055210	293294	XM 219045	
A 43 P17507	5.16E-06	4.62E-04	4.71	up	BM386675	BM386675	BM386675			
A 44 P462306	4.58E-04	3.93E-03	4.69	up	CV115642	CV115642	CV115642			
A 43 P10651	7.63E-05	1.74E-03	4.69	up	BX883046	BX883046	BX883046			
A 44 P391296	3.35E-02	4.84E-02	4.65	up	NM 001007612	Ccl7	NM 001007612	ENSRNOT00000000256	287561	NM 001007612
A 44 P554925	4.17E-04	3.78E-03	4.63	up	NM 206848	RT1-CI	NM 206848	ENSRNOT00000041590	24977	NM 206848
A 43 P15252	6.03E-03	1.55E-02	4.61	up	NM 012929	Col2a1	NM 012929	ENSRNOT00000037840	25412	NM 012929
A 43 P21845	2.55E-02	3.99E-02	4.61	up	NM 001014165	RGD1310039	NM 001014165	ENSRNOT00000020464	361747	NM 001014165
A 44 P107372	5.30E-04	4.21E-03	4.58	up	NM 001008840	RT1-CE2	NM 001008840	ENSRNOT00000048076	414779	NM 001008840
A 44 P221168	6.99E-04	4.86E-03	4.57	up	AF387339	AF387339	AF387339			
A 44 P923554	6.24E-03	1.59E-02	4.55	up	A 44 P923554	A 44 P923554	A 44 P923554			
A 44 P173330	5.81E-03	1.51E-02	4.50	up	NM 001024999	RGD1307787	NM 001024999	ENSRNOT00000019130	307742	NM 001024999
A 44 P444001	4.43E-04	3.89E-03	4.49	up	NM 001013430	RhoH	NM 001013430	ENSRNOT00000003425	305341	NM 001013430
A 44 P440517	2.77E-04	3.21E-03	4.48	up	NM 001008842	RT1-CE4	NM 001008842	ENSRNOT00000041151	414783	NM 001008842
A 44 P554917	4.82E-04	4.00E-03	4.47	up	NM 206848	RT1-CI	NM 206848		24977	NM 206848
A 44 P313661	4.50E-04	3.92E-03	4.46	up	NM 001008835	RT1-CE12	NM 001008835		309600	NM 001008835
A 44 P513029	4.11E-04	3.78E-03	4.44	up	NM 001008832	RT1-CE1	NM 001008832	ENSRNOT00000041917	309603	NM 001008832
A 44 P352828	2.55E-03	9.34E-03	4.44	up	AW142930	AW142930	AW142930			
A 44 P850918	1.24E-03	6.38E-03	4.43	up	AW142569	AW142569	AW142569			
A 44 P522847	4.16E-04	3.78E-03	4.41	up	ENSRNOT00000017938	Pik3ap1 predicted	ENSRNOT00000017938	294048	XM 220008	
A 44 P220696	2.79E-02	4.26E-02	4.39	up	AA924993	AA924993	AA924993			
A 42 P467037	2.51E-05	1.02E-03	4.34	up	NM 019335	Prkr	NM 019335		54287	NM 019335
A 44 P296155	5.00E-04	4.10E-03	4.29	up	NM 001008829	RT1-A2	NM 001008829	ENSRNOT00000000544	24974	NM 001008829
A 44 P1037456	2.43E-03	9.17E-03	4.21	up	XM 243609	Col22a1 predicted	XM 243609		315071	XM 001072793
A 44 P520789	1.85E-02	3.20E-02	4.17	up	ENSRNOT00000010217	Rdh5 predicted	ENSRNOT00000010217		366791	XM 345770
A 44 P365611	2.31E-02	3.74E-02	4.17	up	ENSRNOT000000060121	Gpr31 predicted	ENSRNOT000000060121		292310	XM 217867
A 43 P23152	5.65E-04	4.26E-03	4.15	up	NM 001013430	RhoH	NM 001013430	ENSRNOT00000003425	305341	NM 001013430
A 44 P531414	5.60E-03	1.47E-02	4.14	up	AY077842	Il18	AY077842		29197	
A 44 P650867	1.11E-03	6.06E-03	4.12	up	AW917197	AW917197	AW917197			
A 44 P281510	1.91E-03	8.12E-03	4.12	up	NM 001097582	Tlr7 predicted	ENSRNOT0000005620	317468	NM 001097582	
A 44 P184753	6.04E-04	4.39E-03	4.11	up	NM 001008829	RT1-A2	NM 001008829	ENSRNOT00000000544	24974	NM 001008829
A 44 P867246	5.11E-04	4.15E-03	4.10	up	NM 001008839	RT1-CE16	NM 001008839		414819	NM 001008839
A 44 P523000	2.73E-04	3.19E-03	4.10	up	XM 001080361	LOC691960	XM 001080361		691960	NM 001080361
A 44 P325589	9.21E-04	5.52E-03	4.09	up	NM 001000737	Olrlf4 predicted	NM 001000737	ENSRNOT00000043047	404998	NM 001000737
A 44 P289637	5.57E-03	1.47E-02	4.00	up	NM 012651	Slc4a1	NM 012651	ENSRNOT00000028445	24779	NM 012651
A 44 P1042360	3.38E-02	4.87E-02	4.00	up	XM 342752	XM 342752	XM 342752			
A 42 P738549	2.36E-03	9.01E-03	4.00	up	NM 031670	Napsa	NM 031670	ENSRNOT00000026992	60575	NM 031670
A 43 P13451	2.20E-03	8.69E-03	3.98	up	NM 223399	RGD1562438 predicted	XM 223399		305338	XM 223399
A 43 P22739	1.03E-03	5.82E-03	3.97	up	XM 576974	RGD1565785 predicted	XM 576974		501570	XM 001061435
A 44 P132392	1.66E-03	7.45E-03	3.97	up	AI011757	AI011757	AI011757			
A 44 P679072	6.95E-03	1.68E-02	3.97	up	AA997015	AA997015	AA997015			
A 43 P21873	2.28E-03	8.93E-03	3.96	up	ENSRNOT00000023497	RGD1311859 predicted	ENSRNOT00000023497	303534	XM 220974	
A 44 P183142	6.04E-03	1.55E-02	3.95	up	NM 343286	XM 343286	XM 343286			
A 44 P196401	1.04E-03	5.86E-03	3.95	up	Y13890	RT1-Aw2	Y13890		24737	
A 44 P450284	7.81E-04	5.13E-03	3.95	up	NM 227986	XM 227986	NM 227986			
A 44 P253059	1.90E-04	2.64E-03	3.94	up	ENSRNOT00000018061	LOC310756	ENSRNOT00000018061	310756	XM 227549	
A 44 P255817	1.23E-02	2.43E-02	3.92	up	ENSRNOT00000060002	RGD1564330 predicted	ENSRNOT00000060002	362848	XM 343179	
A 44 P313652	1.78E-04	2.57E-03	3.91	up	M10094	RT1-Aw2	M10094		24737	
A 44 P578654	1.82E-02	3.17E-02	3.85	up						

A 43 P15022	1.14E-02	2.31E-02	3.57	up	CB315872	CB315872	CB315872						
A 44 P557444	1.73E-03	7.68E-03	3.57	up	NP798074	NP798074							
A 44 P421727	4.00E-03	1.22E-02	3.55	up	XM 001073551	Card11_predicted	XM 001073551	ENSRNOT00000051382	304314		XM 001073551		
A 44 P213903	2.09E-02	3.46E-02	3.55	up	BG380118	BG380118	BG380118						
A 44 P324164	1.98E-02	3.35E-02	3.54	up	ENSRNOT00000028277	LOC688204		ENSRNOT00000028277	688204		XM 001061779		
A 44 P260406	1.48E-02	2.76E-02	3.53	up	XM 344723	XM 344723	XM 344723						
A 44 P438117	1.54E-02	2.83E-02	3.52	up	NM 019336	Rgs1	NM 019336	ENSRNOT00000005251	54289		NM 019336		
A 44 P333266	6.80E-03	1.67E-02	3.51	up	NM 001024878	Znr4	NM 001024878		301127		XM 001024878		
A 44 P140358	1.84E-03	7.90E-03	3.50	up	ENSRNOT00000008961	Samhd1_predicted		ENSRNOT00000008961	311580		XM 230789		
A 44 P106053	1.26E-04	2.07E-03	3.49	up	Ai575648	Ai575648	Ai575648						
A 43 P17139	4.76E-05	1.32E-03	3.49	up	NM 001009625	lfl35	NM 001009625	ENSRNOT00000028067	287719		NM 001009625		
A 44 P165588	7.28E-03	1.73E-02	3.47	up	NM 001003710	Gpr77	NM 001003710		445269		NM 001003710		
A 44 P281284	5.06E-03	1.40E-02	3.47	up	ENSRNOT000000032301	RGD1310185_predicted		ENSRNOT000000032301	313790		XM 233749		
A 44 P426478	1.97E-02	3.34E-02	3.47	up	XM 239603	XM 239603	XM 239603						
A 44 P440514	9.69E-04	5.63E-03	3.47	up	NM 001008842	RT1-CE4	NM 001008842	ENSRNOT00000041151	414783		NM 001008842		
A 44 P112362	1.99E-03	8.28E-03	3.45	up	NM 001009709	MGC109491	NM 001009709	ENSRNOT00000029845	362334		NM 001009709		
A 44 P124303	8.30E-03	1.88E-02	3.45	up	NM 237361	XM 237361	NM 237361						
A 44 P468258	7.11E-03	1.71E-02	3.45	up	NM 012762	Casp1	NM 012762	ENSRNOT00000009993	25166		NM 012762		
A 44 P298210	4.72E-03	1.34E-02	3.44	up	NM 022277	Casp8	NM 022277	ENSRNOT00000016613	64044		NM 022277		
A 44 P452222	2.51E-02	3.94E-02	3.43	up	NM 001033998	lflgal	NM 001033998	ENSRNOT00000024404	308995		NM 001033998		
A 44 P538526	4.94E-03	1.38E-02	3.42	up	DO336705	Numb	DO336705	ENSRNOT00000049481	29419				
A 44 P161233	3.96E-03	1.21E-02	3.42	up	NM 019165	lfl18	NM 019165	ENSRNOT00000013093	29197		NM 019165		
A 44 P543329	4.31E-04	3.81E-03	3.42	up	ENSRNOT000000048485	Havcr2		ENSRNOT000000048485	363578		XM 343881		
A 44 P305694	1.92E-02	3.28E-02	3.41	up	Ai412156	Ai412156	Ai412156						
A 44 P592899	2.13E-04	2.85E-03	3.41	up	CO558942	CO558942	CO558942				XM 001074636		
A 44 P588937	6.26E-04	4.51E-03	3.41	up	AW142896	AW142896	AW142896						
A 44 P182881	1.76E-03	7.73E-03	3.41	up	NM 001013160	Rnf36	NM 001013160	ENSRNOT000000023209	311373		NM 001013160		
A 44 P574959	9.74E-03	2.07E-02	3.41	up	NM 001044279	LOC681694	NM 001044279		681694		NM 001044279		
A 42 P698972	9.49E-05	1.88E-03	3.41	up	NM 033098	Tapbp	NM 033098	ENSRNOT000000044975	25217		NM 033098		
DarkCorner	2.65E-03	9.48E-03	3.39	up	DarkCorner	DarkCorner							
A 43 P19928	2.92E-02	4.40E-02	3.38	up	BF565121	BF565121	BF565121						
A 44 P427695	8.54E-05	1.81E-03	3.38	up	NM 001009683	Tor3a	NM 001009683	ENSRNOT000000005726	304884		NM 001009683		
A 42 P728204	2.42E-02	3.83E-02	3.36	up	NM 001034849	Gimap1	NM 001034849	ENSRNOT00000059157	312312		NM 001034849		
A 44 P160174	2.98E-03	1.01E-02	3.36	up	Ai178629	Ai178629	Ai178629						
A 44 P988400	4.08E-03	1.23E-02	3.35	up	CF111186	CF111186	CF111186						
A 44 P503096	1.03E-03	5.82E-03	3.35	up	Ai237657	Ai237657	Ai237657						
A 44 P429626	3.26E-02	4.74E-02	3.34	up	AA923988	AA923988	AA923988						
A 44 P304633	8.52E-04	5.34E-03	3.34	up	XM 345238	XM 345238	XM 345238						
A 44 P412998	3.49E-04	3.51E-03	3.32	up	NM 001017467	LOC362934	NM 001017467	ENSRNOT00000009333	362934		NM 001017467		
A 44 P1048380	2.65E-03	9.48E-03	3.31	up	ENSRNOT00000013586	RGD1311381_predicted		ENSRNOT00000013586	300870		XM 217218		
A 44 P652323	1.56E-03	7.31E-03	3.31	up	NM 575856	RGD1655225_predicted	XM 575856	ENSRNOT00000042597	500491		XM 575856		
A 43 P21634	3.92E-03	1.20E-02	3.31	up	NM 031504	C4a	NM 031504	ENSRNOT000000031704	24233		NM 031504		
A 44 P1021361	1.81E-03	7.84E-03	3.30	up	NM 198791	Tr3	NM 198791		364594		NM 198791		
A 42 P480723	2.59E-03	9.38E-03	3.30	up	NM 031539	Cdb8	NM 031539		24931		NM 031539		
A 44 P270109	1.28E-02	2.51E-02	3.30	up	ENSRNOT00000012605	Unc45b_predicted		ENSRNOT00000012605	303373		XM 220771		
A 44 P1028196	1.12E-04	2.00E-03	3.29	up	NM 001017467	LOC362934	NM 001017467	ENSRNOT00000009333	362934		NM 001017467		
A 44 P462661	9.18E-03	2.00E-02	3.28	up	NM 022194	lfl1m	NM 022194	ENSRNOT00000007949	60582		NM 022194		
A 44 P928825	6.48E-03	1.62E-02	3.26	up	ENSRNOT00000017339	RGD1564316_predicted		ENSRNOT00000017339	498638		XM 573919		
A 44 P502793	2.89E-05	1.03E-03	3.26	up	NM 001009714	RGD1307700	NM 001009714	ENSRNOT00000024959	363219		NM 001009714		
A 44 P776057	4.19E-03	1.25E-02	3.26	up	ENSRNOT000000031927	ENSRNOT000000031927		ENSRNOT000000031927					
A 42 P605711	2.64E-03	9.48E-03	3.25	up	XM 217218	RGD1311381_predicted	XM 217218		300870		XM 001063356		
A 44 P279738	2.22E-02	3.63E-02	3.25	up	AW533978	AW533978	AW533978						
A 44 P236197	1.76E-03	7.73E-03	3.24	up	NM 020096	lflit1	NM 020096	ENSRNOT00000025770	56824		NM 020096		
A 44 P313825	2.15E-03	8.58E-03	3.23	up	NM 019335	Prkr	NM 019335		54287		NM 019335		
A 44 P1003716	3.16E-05	1.04E-03	3.22	up	NM 001082409	RGD1566133_predicted	NM 001082409	ENSRNOT000000044073	361219		NM 001082409		
A 44 P948776	1.55E-03	7.31E-03	3.22	up	TC598429	TC598429							
A 42 P737278	7.30E-03	1.74E-02	3.22	up	XM 217218	RGD1311381_predicted	XM 217218		300870		XM 001063356		
A 42 P511274	8.45E-04	5.33E-03	3.21	up	NM 001008843	RT1-CE5	NM 001008843	ENSRNOT000000047779	309607		NM 001008843		
A 44 P622837	1.66E-03	7.46E-03	3.20	up	TC601277	TC601277							
A 43 P15564	3.27E-02	4.74E-02	3.18	up	NM 023951	Og9x	NM 023951	ENSRNOT00000013296	58922		NM 023951		
A 44 P541608	3.72E-03	1.16E-02	3.18	up	ENSRNOT00000013209	Pls1_predicted		ENSRNOT00000013209	315926		NM 236560		
A 44 P763036	1.00E-02	2.13E-02	3.18	up	TC608341	TC608341							
A 44 P122632	4.76E-04	3.98E-03	3.17	up	CF111193	B2m	CF111193		24223				
A 44 P110582	2.54E-02	3.97E-02	3.16	up	AA818099	AA818099	AA818099						
A 44 P944432	7.54E-04	5.06E-03	3.16	up	ENSRNOT00000008917	ENSRNOT00000008917		ENSRNOT00000008917			XR 005444		
A 44 P212922	1.48E-02	2.76E-02	3.15	up	ENSRNOT00000026204	Zfp329_predicted		ENSRNOT00000026204	308361		XM 218291		
A 44 P794371	4.08E-03	1.23E-02	3.15	up	TC595868	TC595868							
A 44 P541426	1.92E-02	3.28E-02	3.15	up	NM 001011961	Sms	NM 001011961	ENSRNOT00000017668	296472		NM 001011961		
A 44 P469129	3.21E-04	3.32E-03	3.15	up	XM 221091	RGD1562156_predicted	XM 221091		501740		XM 221091		
A 44 P916002	1.34E-02	2.57E-02	3.14	up	TC591354	TC591354							
A 44 P901064	1.10E-03	6.03E-03	3.14	up	TC625353	TC625353							
A 44 P358361	1.10E-02	2.26E-02	3.12	up	NM 001002821	H2-T18	NM 001002821	ENSRNOT00000061394	406194		NM 001002821		
A 42 P759524	1.28E-03	6.46E-03	3.12	up	NM 022957	Serpina5	NM 022957	ENSRNOT00000013138	65051		NM 022957		
A 44 P515734	1.11E-03	6.06E-03	3.11	up	XM 345197	XM 345197	XM 345197	ENSRNOT00000011932					
A 44 P1003715	1.44E-05	7.92E-04	3.11	up	NM 001082409	RGD1566133_predicted	NM 001082409		361219		NM 001082409		
A 42 P811256	2.05E-03	8.38E-03	3.10	up	NM 001025623	Vnn1	NM 001025623	ENSRNOT000000021694	29142		NM 001025623		
A 44 P314056	2.48E-03	9.25E-03	3.09	up	XM 227188	RGD1563197_predicted	XM 227188		295076		XM 227188		
A 44 P510949	2.92E-02	4.40E-02	3.09	up	ENSRNOT00000028443	Ms4at_predicted		ENSRNOT00000028443	293744		XM 215200		
A 43 P17738	2.49E-03	9.25E-03	3.09	up	BC101897	LOC684538	BC101897		684538				
A 43 P15904	1.35E-02	2.60E-02	3.09	up	ENSRNOT00000028780	Fcgr1		ENSRNOT00000028780	295279		XM 215643		
A 43 P11442	4.24E-04	3.79E-03	3.08	up	NM 012512	B2m	NM 012512	ENSRNOT00000023017	24223		NM 012512		
A 44 P779207	3.32E-03	1.09E-02	3.07	up	TC601137	TC601137							
A 44 P390495	6.72E-03	1.66E-02	3.07	up	NM 024356	Gch	NM 024356		29244		NM 024356		
A 44 P549304	6.48E-03	1.62E-02	3.06	up	NM 053374	lfl18bp	NM 053374	ENSRNOT00000027301	84388		NM 053374		
A 44 P265045	1.56E-03	7.31E-03	3.06	up	A 44 P265045	A 44 P265045							
A 44 P288379	1.60E-03	7.37E-03	3.06	up	ENSRNOT00000042721	ENSRNOT00000042721		ENSRNOT00000042721					
A 44 P946378	2.35E-03	8.99E-03	3.06	up	TC606523	TC606523							
A 44 P782373	1.52E-03	7.26E-03	3.06	up	AW144229	AW144229	AW144229						
A 44 P885692	1.76E-02	3.10E-02	3.05	up	TC641432	TC641432							

A 44	P483190	6.89E-04	4.83E-03	2.46	up	XM 236392	RGD1308795 predicted	XM 236392	ENSRNOT00000030629	315804	XM 236392
A 44	P228228	1.57E-03	7.32E-03	2.45	up	AW916309	AW916309	AW916309			
A 44	P744256	1.39E-02	2.64E-02	2.45	up	ENSRNOT00000028558	ENSRNOT00000028558		ENSRNOT00000028558		XM 001077920
A 44	P975418	2.10E-05	9.36E-04	2.45	up	CK599755	CK599755	CK599755			
A 44	P533794	1.65E-02	2.97E-02	2.45	up	NM 130426	Tnfrsfb	NM 130426	ENSRNOT00000050667	156767	NM 130426
A 44	P454192	5.80E-03	1.51E-02	2.44	up	NM 012655	Sp1	NM 012655	ENSRNOT00000019403	24790	NM 012655
A 44	P111003	2.56E-03	9.36E-03	2.44	up	BE111972	BE111972	BE111972			
A 44	P116841	2.59E-02	4.02E-02	2.44	up	ENSRNOT00000018407	Spata13 predicted	ENSRNOT00000018407	305938	XM 224253	
A 43	P15989	1.47E-03	7.21E-03	2.44	up	NM 053775	Atp6v0a2	NM 053775	ENSRNOT0000001349	116455	NM 053775
A 43	P18233	9.20E-03	2.00E-02	2.44	up	ENSRNOT00000049810	RGD1560320 predicted	ENSRNOT00000049810	361987	XM 342287	
A 44	P252728	2.92E-02	4.40E-02	2.43	up	ENSRNOT00000051182	RGD1564240 predicted	ENSRNOT00000051182	290177	XM 001081630	
A 43	P19072	7.08E-03	1.70E-02	2.43	up	ENSRNOT00000048446	RGD1305866 predicted	ENSRNOT00000048446	362937	XM 343265	
A 44	P613057	3.04E-02	4.52E-02	2.43	up	AI548588	AI548588	AI548588			
A 44	P184659	2.25E-02	3.67E-02	2.43	up	NM 001014009	RGD1306939	NM 001014009	ENSRNOT00000048298	306934	NM 001014009
A 44	P311136	3.00E-02	4.48E-02	2.43	up	NM 012759	Vav1	NM 012759		25156	NM 012759
A 44	P379680	3.66E-04	3.57E-03	2.43	up	ENSRNOT00000046279	ENSRNOT00000046279		ENSRNOT00000046279		
A 44	P248193	1.85E-03	7.90E-03	2.43	up	ENSRNOT00000008192	Rel predicted	ENSRNOT00000008192	305584	XM 223688	
A 44	P487761	1.50E-02	2.80E-02	2.42	up	NM 001008515	C1qa	NM 001008515	ENSRNOT00000017385	298566	NM 001008515
A 44	P480682	8.31E-03	1.88E-02	2.42	up	ENSRNOT00000037397	RGD1308850 predicted	ENSRNOT00000037397	362424	XM 342744	
A 42	P616287	2.94E-02	4.42E-02	2.41	up	ENSRNOT00000015897	C1r	ENSRNOT00000015897	312705	XM 242644	
A 44	P336423	1.92E-02	3.28E-02	2.41	up	XM 001065356	LOC689959	XM 001065356	689959	XM 001065356	
A 44	P433783	1.94E-02	3.31E-02	2.41	up	NM 001005892	Sfp1	NM 001005892	ENSRNOT00000016306	366126	NM 001005892
A 44	P530953	9.41E-03	2.03E-02	2.41	up	AI169751	AI169751	AI169751			
A 44	P249624	7.15E-05	1.68E-03	2.41	up	BQ200761	BQ200761	BQ200761			
A 44	P531821	1.46E-02	2.74E-02	2.40	up	ENSRNOT00000022398	Hoxc4	ENSRNOT00000022398	24459	XM 235703	
A 44	P155788	4.31E-03	1.26E-02	2.40	up	ENSRNOT00000005459	ENSRNOT00000005459	ENSRNOT00000005459	ENSRNOT00000005459		XM 001065025
A 44	P1028549	5.59E-04	4.26E-03	2.40	up	NM 053736	Casp4	NM 053736	ENSRNOT00000061973	114555	NM 053736
A 44	P273821	1.03E-02	2.16E-02	2.40	up	NM 030857	Lyn	NM 030857	ENSRNOT00000011310	81515	NM 030857
A 42	P762150	3.06E-02	4.54E-02	2.40	up	XM 223600	RGD1562979 predicted	XM 223600	305501	XM 223600	
A 42	P726091	2.50E-05	1.02E-03	2.40	up	BX883048	BX883048	BX883048			
A 43	P19806	2.56E-02	3.99E-02	2.39	up	XM 341175	XM 341175	XM 341175			
A 44	P369083	1.44E-02	2.71E-02	2.39	up	AA996984	AA996984	AA996984			
A 44	P686987	1.15E-02	2.33E-02	2.39	up	NM 001025147	Gpr160	NM 001025147	ENSRNOT00000012560	499588	NM 001025147
A 44	P473098	2.71E-03	9.55E-03	2.39	up	ENSRNOT000000031129	ENSRNOT000000031129	ENSRNOT000000031129	ENSRNOT000000031129		XM 001055174
A 42	P797381	8.72E-05	1.81E-03	2.39	up	NM 032056	Tap2	NM 032056	ENSRNOT0000000527	24812	NM 032056
A 42	P506685	5.32E-04	4.21E-03	2.39	up	NM 145717	Fxyd2	NM 145717	ENSRNOT00000022074	29639	NM 145717
A 44	P602351	1.22E-02	2.43E-02	2.39	up	AI556784	AI556784	AI556784			
A 42	P671477	1.39E-02	2.65E-02	2.38	up	NM 033376	Kcnk3	NM 033376	ENSRNOT00000013107	29553	NM 033376
A 44	P166581	1.01E-02	2.14E-02	2.38	up	ENSRNOT00000039434	Ifitm7 predicted	ENSRNOT00000039434	288244	XM 221637	
A 44	P468141	1.02E-02	2.14E-02	2.38	up	NM 134352	Plaur	NM 134352		50692	NM 134352
A 44	P295803	3.25E-02	4.73E-02	2.37	up	BF390414	BF390414	BF390414			
A 44	P1038296	2.48E-02	3.90E-02	2.37	up	NM 001031638	Cd68	NM 001031638	ENSRNOT00000056918	287435	NM 001031638
A 43	P21748	1.61E-02	2.92E-02	2.37	up	CB547055	CB547055	CB547055	ENSRNOT00000037448		XM 001067657
A 42	P634675	3.03E-02	4.52E-02	2.37	up	NM 020101	Centa2	NM 020101		56826	NM 020101
A 44	P438060	1.26E-02	2.48E-02	2.36	up	NM 053542	Gna15	NM 053542	ENSRNOT00000007202	89788	NM 053542
A 44	P1041312	1.34E-02	2.58E-02	2.35	up	ENSRNOT00000016032	RGD1564385 predicted	ENSRNOT00000016032	361597	XM 341876	
A 44	P477827	5.67E-03	1.49E-02	2.35	up	ENSRNOT00000041688	Sgk2	ENSRNOT00000041688	171497	XM 342570	
A 44	P498136	8.63E-03	1.92E-02	2.35	up	AA925800	AA925800	AA925800			
A 44	P535156	1.98E-02	3.35E-02	2.35	up	AW253668	AW253668	AW253668			
A 44	P920712	8.09E-03	1.85E-02	2.35	up	BC099233	LOC499337	BC099233	ENSRNOT00000015668	499337	XM 001078906
A 44	P410167	2.75E-02	4.20E-02	2.35	up	XM 225887	RGD1309038	XM 225887		307393	
A 44	P606174	2.97E-02	4.44E-02	2.34	up	NM 001024338	LOC500348	NM 001024338	ENSRNOT00000032219	500348	NM 001024338
A 44	P974862	1.81E-02	3.16E-02	2.34	up	ENSRNOT00000029017	LOC362792	ENSRNOT00000029017	362792	XM 576106	
A 44	P498972	1.04E-02	2.16E-02	2.34	up	ENSRNOT00000061180	Eya4 predicted	ENSRNOT00000061180	292172	XM 217715	
A 44	P534310	1.17E-02	2.35E-02	2.33	up	XM 224103	XM 224103	XM 224103			
A 44	P227551	1.10E-02	2.26E-02	2.33	up	ENSRNOT00000008630	Fyco1 predicted	ENSRNOT00000008630	301085	XM 236739	
A 42	P824217	1.34E-02	2.57E-02	2.33	up	ENSRNOT00000014139	Dapp1 predicted	ENSRNOT00000014139	362046	XM 342348	
A 44	P958227	2.63E-02	4.06E-02	2.33	up	BF286911	BF286911	BF286911			
A 44	P384404	2.36E-02	3.78E-02	2.32	up	ENSRNOT00000033795	Ms4a11 predicted	ENSRNOT00000033795	361735	XM 342028	
A 43	P17016	1.64E-02	2.96E-02	2.31	up	ENSRNOT00000024018	Unc93b1	ENSRNOT00000024018	361689	XM 341972	
A 44	P133924	9.49E-03	2.04E-02	2.31	up	BE101505	BE101505	BE101505			
A 44	P336951	2.38E-03	9.02E-03	2.31	up	XM 578699	LOC503175	XM 578699		503175	XM 578699
A 44	P488185	2.37E-03	9.02E-03	2.31	up	ENSRNOT00000057016	Ascc3 predicted	ENSRNOT00000057016	309887	XM 228345	
A 44	P330943	1.61E-04	2.41E-03	2.31	up	XM 346119	XM 346119	XM 346119			
A 43	P11507	2.86E-03	9.81E-03	2.31	up	NM 012662	Svp4	NM 012662	ENSRNOT00000018456	24802	NM 012662
A 44	P610991	2.56E-02	3.99E-02	2.30	up	TC649236	TC649236	TC649236			
A 44	P545727	1.32E-04	2.09E-03	2.30	up	ENSRNOT00000033984	Fin29	ENSRNOT00000033984	114635	XM 341086	
A 42	P813840	2.45E-03	9.22E-03	2.30	up	ENSRNOT00000038178	Tapbp1 predicted	ENSRNOT00000038178	297602	XM 232355	
A 44	P414615	2.42E-04	3.04E-03	2.30	up	NM 080891	Daxx	NM 080891	ENSRNOT00000005559	140926	NM 080891
A 44	P402220	3.47E-02	4.96E-02	2.30	up	AI104907	AI104907	AI104907			
A 44	P539444	1.18E-02	2.36E-02	2.30	up	AA997385	AA997385	AA997385			
A 44	P326122	1.88E-02	3.24E-02	2.29	up	ENSRNOT00000012406	RGD1308019 predicted	ENSRNOT00000012406	311795	XM 231045	
A 44	P784689	1.27E-02	2.49E-02	2.29	up	A 44 P784689	A 44 P784689				
A 44	P623330	2.66E-02	4.11E-02	2.29	up	BC098786	BC098786	BC098786			
A 44	P415269	1.53E-02	2.81E-02	2.29	up	ENSRNOT00000015330	Rhbd16 predicted	ENSRNOT00000015330	303690	XM 221133	
A 44	P743248	1.24E-02	2.46E-02	2.29	up	AI599340	AI599340	AI599340			
A 44	P168674	1.10E-02	2.26E-02	2.29	up	XM 001053057	RGD1562846 predicted	XM 001053057	502694	XM 001053057	
A 44	P241055	2.13E-02	3.52E-02	2.29	up	XM 344830	XM 344830	XM 344830			
A 44	P335402	1.65E-03	7.44E-03	2.29	up	XM 341584	Moccs predicted	XM 341584		361300	XM 341584
A 44	P469584	2.50E-02	3.92E-02	2.28	up	NM 021744	Cd14	NM 021744	ENSRNOT00000023977	60350	NM 021744
A 44	P123158	4.84E-03	1.36E-02	2.28	up	AA965150	AA965150	AA965150			
A 44	P363403	1.39E-02	2.65E-02	2.27	up	A 44 P363403	A 44 P363403				
A 44	P490231	5.27E-03	1.43E-02	2.27	up	ENSRNOT00000020516	RGD1561662 predicted	ENSRNOT00000020516	301232	XM 236949	
A 44	P646876	1.65E-02	2.96E-02	2.27	up	XM 001062602	RGD1562552 predicted	XM 001062602	498840	XM 001062602	
A 44	P468879	2.77E-02	4.22E-02	2.27	up	NM 001007798	Btk	NM 001007798	ENSRNOT00000043770	367901	NM 001007798
A 43	P21322	2.90E-02	4.38E-02	2.26	up	NM 001011898	Hcls1	NM 001011898	ENSRNOT00000003326	288077	NM 001011898
A 44	P232508	1.85E-02	3.20E-02	2.26	up	AW917502	AW917502	AW917502			
A 42	P817228	4.66E-03	1.32E-02	2.26	up	NM 001004260	Slc22a18	NM 001004260	ENSRNOT00000027925	309131	NM 001004260
A 44	P217451	8.09E-04	5.20E-03	2.26	up	NM 012896	Adora3	NM 012896	ENSRNOT00000021236	25370	NM 012896
A 43	P18082	2.96E-03	1.00E-02	2.26	up	ENSRNOT00000013499	RGD1565845 predicted	ENSRNOT00000013499	361968	XM 342266	
A 44	P128186	1.09E-02	2.26E-02	2.26	up	ENSRNOT00000013385	Tas1r1	ENSRNOT00000013385	29407	XM 342986	
A 43	P21848	2.64E-03	9.48E-03	2.26	up	ENSRNOT00000003131	RGD1359201	ENSRNOT00000003131	289595	XM 001077093	
A 44	P321468	2.09E-02	3.46E-02	2.26	up	XM 346251	XM 346251	XM 346251			
A 44	P879764	2.46E-02	3.88E-								

A 44 P226597	1.61E-02	2.92E-02	2.20	up	NM 172322	Pycard	NM 172322	ENSRNOT00000026699	282817	NM 172322
A 44 P1039249	2.35E-02	3.77E-02	2.19	up	ENSRNOT00000018232	Dok3 predicted	ENSRNOT00000018232	306760	XM 225170	
A 44 P160180	3.05E-03	1.03E-02	2.19	up	Ai501707	Ai501707				
A 44 P698940	2.83E-03	9.76E-03	2.18	up	ENSRNOT00000018640	ENSRNOT00000018640	ENSRNOT00000018640		XM 00105675	
A 43 P19606	1.52E-02	2.81E-02	2.18	up	XM 001071999	Sic12a7	XM 001071999	308069	XM 001060536	
A 44 P240330	3.49E-02	4.98E-02	2.18	up	NM 001044394	Abim1_predicted	NM 001044394	ENSRNOT00000018408	307989	
A 44 P111221	1.40E-02	2.66E-02	2.18	up	Ai043601	Ai043601	Ai043601			
A 44 P373731	1.26E-02	2.49E-02	2.18	up	BU760410	BU760410	BU760410			
A 44 P342212	8.30E-03	1.88E-02	2.18	up	A 44 P342212	A 44 P342212				
A 44 P429202	2.42E-02	3.83E-02	2.18	up	ENSRNOT00000004533	RGD1563952_predicted	ENSRNOT00000004533	363463	XM 343782	
A 44 P530431	1.09E-02	2.25E-02	2.18	up	BF567797	BF567797	BF567797			
A 44 P499608	4.68E-04	3.94E-03	2.18	up	XM 340895	RGD1561080_predicted	XM 340895	360620	XM 340895	
A 44 P362714	2.30E-02	3.74E-02	2.18	up	ENSRNOT00000002151	Bach1_predicted	ENSRNOT00000002151	304127	XM 221712	
A 44 P478515	2.86E-02	4.34E-02	2.18	up	XR 005956	LOC300225	XR 005956	300225	XM 001063650	
A 42 P566250	5.04E-03	1.39E-02	2.18	up	ENSRNOT00000003901	ENSRNOT00000003901	ENSRNOT00000003901		XM 001065242	
A 44 P964308	5.24E-03	1.42E-02	2.18	up	CK476066	CK476066	CK476066			
A 44 P286788	1.79E-02	3.14E-02	2.17	up	ENSRNOT00000009544	LOC500904	ENSRNOT00000009544	500904	XM 576306	
A 44 P161602	7.74E-03	1.81E-02	2.16	up	NM 001024331	Rab43	NM 001024331	ENSRNOT00000013299	500249	
A 44 P175530	1.54E-02	2.82E-02	2.16	up	NM 001025750	Plek	NM 001025750	ENSRNOT00000007044	364206	
A 44 P342020	4.10E-03	1.23E-02	2.16	up	NM 005317	Shc1	NM 005317	ENSRNOT00000056652	85385	
A 44 P152144	1.32E-03	6.64E-03	2.16	up	NM 001025637	Psmb10	NM 001025637	ENSRNOT00000026462	291983	
A 44 P123704	9.45E-03	2.04E-02	2.15	up	A 44 P123704	A 44 P123704				
A 44 P541397	2.92E-02	4.40E-02	2.15	up	NM 001025733	Procr	NM 001025733	ENSRNOT00000026135	362248	
A 44 P193726	2.01E-02	3.38E-02	2.15	up	AI169161	AI169161	AI169161			
A 44 P327492	1.69E-02	3.01E-02	2.15	up	AW917621	AW917621	AW917621			
A 44 P317259	8.74E-03	1.93E-02	2.15	up	ENSRNOT00000019329	Eif4g3_predicted	ENSRNOT00000019329	298573	XM 216563	
A 44 P410348	2.97E-02	4.44E-02	2.15	up	XM 216640	Card12_predicted	XM 216640	298784	XM 166440	
A 42 P692008	6.14E-03	1.57E-02	2.15	up	ENSRNOT000000021909	ENSRNOT000000021909	ENSRNOT000000021909		XM 001069441	
A 44 P283812	2.73E-02	4.18E-02	2.15	up	NM 001014041	LOC310721	NM 001014041	ENSRNOT00000020401	310721	
A 44 P182494	1.97E-02	3.34E-02	2.14	up	XM 224104	XM 224104	XM 224104	ENSRNOT000000042489		
A 44 P240881	1.57E-02	2.86E-02	2.14	up	NM 001012034	Art3	NM 001012034	ENSRNOT00000003071	305235	
A 44 P120405	1.16E-02	2.34E-02	2.14	up	AW526982	AW526982	AW526982			
A 44 P135213	3.80E-03	1.18E-02	2.14	up	ENSRNOT00000000814	ENSRNOT00000000814	ENSRNOT00000000814		XM 001062978	
A 44 P859124	1.18E-02	2.36E-02	2.14	up	CB328239	LOC689165	CB328239		689165	
A 44 P986952	1.46E-02	2.74E-02	2.14	up	AW916350	AW916350	AW916350			
A 44 P292730	7.81E-03	1.81E-02	2.14	up	NM 001013232	Rnase1_predicted	NM 001013232	ENSRNOT000000033809	364303	
A 44 P307491	3.46E-03	1.12E-02	2.13	up	AA955165	AA955165	AA955165			
A 42 P773606	1.84E-02	3.19E-02	2.13	up	XM 214867	RGD1562091_predicted	XM 214867		292690	
A 43 P15993	2.30E-02	3.74E-02	2.13	up	NM 012711	Itgam	NM 012711		25021	
A 44 P248705	2.90E-03	9.92E-03	2.13	up	ENSRNOT00000002150	Usp25_predicted	ENSRNOT00000002150	304150	XM 221722	
A 43 P11577	1.74E-02	3.07E-02	2.12	up	NM 012823	Anxa3	NM 012823	ENSRNOT00000002806	25291	
A 43 P18366	1.73E-03	7.68E-03	2.12	up	NM 001039197	Torb1	NM 001039197	ENSRNOT00000009002	311854	
A 44 P917653	1.55E-03	7.31E-03	2.12	up	NM 001024339	LOC500377	NM 001024339		500377	
A 44 P426407	2.92E-04	3.21E-03	2.12	up	ENSRNOT00000047071	ENSRNOT00000047071	ENSRNOT00000047071		XM 214483	
A 43 P21780	3.81E-04	3.67E-03	2.12	up	CB547076	CB547076	CB547076			
A 44 P872195	3.21E-02	4.70E-02	2.11	up	ENSRNOT00000015668	LOC499337	ENSRNOT00000015668	499337	XM 001078906	
A 44 P553098	4.26E-04	3.80E-03	2.11	up	NM 001044247	LOC361187	NM 001044247		361187	
A 44 P1052067	1.08E-03	6.02E-03	2.11	up	NM 199101	Plekha4	NM 199101		308584	
A 43 P15890	1.72E-02	3.05E-02	2.11	up	Nm 031567	Nfc	NM 031567	ENSRNOT00000037190	29228	
A 44 P129187	1.13E-02	2.31E-02	2.11	up	ENSRNOT00000014885	Il17r_predicted	ENSRNOT00000014885	312679	XM 232247	
A 44 P794508	6.68E-03	1.65E-02	2.10	up	A 44 P794508	A 44 P794508				
A 44 P104630	5.40E-03	1.45E-02	2.10	up	NM 173840	Lat2	NM 173840	ENSRNOT00000034629	317676	
A 43 P21690	7.63E-03	1.79E-02	2.10	up	ENSRNOT00000002150	Usp25_predicted	ENSRNOT00000002150	304150	XM 221722	
A 44 P504261	1.18E-04	2.02E-03	2.10	up	NM 001014102	RGD1309930	NM 001014102	ENSRNOT000000021527	316426	
A 44 P972303	3.38E-05	1.10E-03	2.10	up	AW916976	AW916976	AW916976			
A 44 P168602	1.08E-03	6.02E-03	2.10	up	NM 001037649	RGD1306676	NM 001037649	ENSRNOT00000006172	311020	
A 43 P11888	2.51E-03	9.28E-03	2.10	up	NM 017264	Psmc1	NM 017264	ENSRNOT000000044024	29630	
A 44 P398663	9.41E-03	2.03E-02	2.10	up	ENSRNOT00000056577	ENSRNOT00000056577	ENSRNOT00000056577		XR 006542	
A 43 P22203	1.88E-02	3.24E-02	2.09	up	ENSRNOT00000037107	Zip46_predicted	ENSRNOT00000037107	362925	XM 343255	
A 44 P534753	4.39E-03	1.28E-02	2.09	up	ENSRNOT000000026375	Zmynd15_predicted	ENSRNOT000000026375	287457	XM 213338	
A 44 P391302	1.89E-03	8.06E-03	2.09	up	NM 022218	Cmkir1	NM 022218	ENSRNOT00000000893	60669	
A 44 P355861	1.73E-03	7.68E-03	2.09	up	NM 181475	Cd2ap	NM 181475	ENSRNOT00000016291	316258	
A 44 P176726	7.81E-04	5.13E-03	2.08	up	TC615205	TC615205	TC615205			
A 43 P10241	2.72E-02	4.16E-02	2.08	up	CB806336	CB806336	CB806336			
A 43 P22080	2.24E-02	3.66E-02	2.08	up	NM 001012044	Lcp1	NM 001012044	ENSRNOT00000058275	306071	
A 44 P554698	3.81E-03	1.18E-02	2.08	up	NM 017257	Psmc2	NM 017257	ENSRNOT00000026279	29614	
A 44 P775910	3.18E-02	4.66E-02	2.08	up	NM 001047864	Dppa3	NM 001047864	ENSRNOT00000043783	297576	
A 44 P289925	1.92E-02	3.28E-02	2.07	up	AW913991	AW913991	AW913991			
A 43 P20311	5.20E-03	1.42E-02	2.07	up	ENSRNOT00000019966	Hs6st1_predicted	ENSRNOT00000019966	316325	XM 237060	
A 43 P21856	1.32E-04	2.09E-03	2.07	up	NM 001025416	Dok1	NM 001025416	ENSRNOT00000010020	312477	
A 44 P915588	5.27E-04	4.21E-03	2.07	up	TC603227	TC603227	TC603227			
A 43 P12529	8.40E-03	1.89E-02	2.06	up	NM 031126	Sixbp2	NM 031126	ENSRNOT00000001322	81804	
A 44 P373071	7.50E-03	1.77E-02	2.06	up	NM 001036626	Zip36i2	NM 001036626	ENSRNOT00000006725	298765	
A 44 P547850	1.60E-02	2.90E-02	2.06	up	NM 198049	Soat	NM 198049	ENSRNOT00000002819	298459	
A 42 P778115	7.29E-04	4.98E-03	2.06	up	ENSRNOT00000027972	Phlda2_predicted	ENSRNOT00000027972	293637	XM 215132	
A 43 P20658	2.33E-02	3.76E-02	2.06	up	ENSRNOT000000006786	Angpt4_predicted	ENSRNOT000000006786	296269	XM 215890	
A 44 P424396	7.62E-03	1.79E-02	2.06	up	NM 001037353	Etv6	NM 001037353	ENSRNOT00000007889	312777	
A 44 P208930	3.63E-03	1.15E-02	2.05	up	NM 001034917	Mks1	NM 001034917	ENSRNOT00000011500	287612	
A 42 P653257	2.04E-02	3.41E-02	2.05	up	NM 145683	Pipn7	NM 145683	ENSRNOT00000007833	246781	
A 44 P131230	1.46E-02	2.74E-02	2.05	up	NM 001039454	RGD1561028	NM 001039454	ENSRNOT00000037874	315283	
A 44 P295400	2.85E-02	4.33E-02	2.05	up	ENSRNOT00000010516	Akna_predicted	ENSRNOT00000010516	362530	XM 342848	
A 44 P514939	2.08E-02	3.45E-02	2.05	up	NM 012515	Bzrp	NM 012515	ENSRNOT00000014089	24230	
A 44 P1004886	7.43E-03	1.76E-02	2.05	up	NM 199105	MGC72614	NM 199105	ENSRNOT00000013524	310540	
A 44 P1001528	9.38E-04	5.56E-03	2.05	up	BC061859	Tcirg1	BC061859	ENSRNOT00000023425	293650	
A 42 P827359	3.45E-02	4.95E-02	2.04	up	ENSRNOT00000010343	Mybl2_predicted	ENSRNOT00000010343	296344	XM 215922	
A 44 P318861	3.04E-02	4.52E-02	2.04	up	XM 001060720	RGD1564142_predicted	XM 001060720	498582	XM 001060720	
A 44 P988945	8.81E-05	1.81E-03	2.04	up	AA957187	AA957187	AA957187			
A 44 P515792	1.83E-02	3.18E-02	2.04	up	ENSRNOT00000025516	Elmo1_predicted	ENSRNOT00000025516	361251	XM 341532	
A 43 P18040	1.31E-02	2.55E-02	2.04	up	NM 001030024	Sic19a2	NM 001030024	ENSRNOT00000003817	289175	
A 44 P1041539	1.11E-02	2.26E-02	2.03	up	ENSRNOT000000035926	Arhgap22_predicted	ENSRNOT000000035926	306279	XM 224637	
A 44 P145562	1.52E-02	2.81E-02	2.03	up	XM 001068649	Dock2	XM 001068649	ENSRNOT00000009524	360509	
A 44 P507961	1.92E-02	3.28E-02	2.03	up	BF414048	BF414048	BF414048			
A 43 P21462	1.64E-02	2.96E-02	2.03	up	XM 342961	XM 342961	XM 342961			
A 44 P975347	2.82E-04	3.21E-03	2.03	up	TC582893	TC582893	TC582893			
A 44 P508683	6.80E-03	1.67E-02	2.03	up	XM 226886	XM 226886	XM 226886			
A 44 P777576	5.55E-03	1.47E-02	2.03	up	TC603447	TC603447	TC603447			
A 43 P19334	2.61E-02	4.05E-02	2.03	up	NM 212536	Msh5	NM 212536	ENSRNOT00000060762	294252	
A 44 P358082	2.35E-02	3.77E-02	2.02	up	BI289649	BI289649	BI289649			
A 44 P1027971	3.03E-02	4.52E-02	2.02	up	XM 001068081	LOC688730	XM 001068081		688730	
A 44 P1018729	1.83E-02	3.18E-02	2.02	up	CO562088	CO562088	CO562088			
A 44 P468983	9.85E-04	5.67E-03	2.02	up	NM 001034930	LOC314655	NM 001034			