

Table S1. Genes significantly altered in the thyroid glands of RccHan Wistar rats after a sub-chronically exposed to AA (3 mg/Kg bw/day) in drinking water.

Probe Name	Gen bank Accession	Entrez GeneID	Gene Symbol	Gene Name	p-value MN	Fold Change MN	p-value FN	Fold Change FN	p-value FM	Fold Change FM
A_64_P120327	XM_001078857	29605	Myh13	myosin, heavy chain 13, skeletal muscle	4.99E-02	-12.5	2.85E-01	NS	9.39E-02	NS
A_44_P124219	NM_001013247	367086	Sln	sarcolipin	3.51E-03	-6.8	2.48E-01	NS	7.88E-02	NS
A_44_P435713	NM_001010970	24203	Amy1a	amylase, alpha 1A (salivary)	2.13E-02	-6.7	3.06E-01	NS	5.04E-02	NS
A_43_P15812	NM_031607	50565	Hspb7	heat shock protein family, member 7 (cardiovascular)	3.56E-02	-6.4	2.37E-02	-2.6	6.54E-02	NS
A_64_P116108	XR_008539				4.43E-02	-5.9	2.54E-01	NS	4.31E-02	2.4
A_44_P116652	NM_019298	54240	Chrnd	cholinergic receptor, nicotinic, delta	4.28E-02	-5.8	2.22E-01	NS	1.39E-02	2.5
A_42_P600215	NM_175844	286965	Abra	actin-binding Rho activating protein	2.44E-02	-5.8	1.35E-01	NS	1.92E-01	NS
A_44_P142837	XM_236702	316071	Xirp1	xin actin-binding repeat containing 1 similar to Myosin light polypeptide 4	3.79E-02	-5.8	1.62E-01	NS	2.08E-01	NS
A_42_P643349	NM_001109495	688228	LOC688228	(Myosin light chain 1, atrial isoform)	3.98E-02	-5.6	1.52E-01	NS	1.35E-01	NS
A_64_P107409	XM_001071732	498267	Dusp27	dual specificity phosphatase 27 (putative)	4.78E-02	-5.5	1.36E-01	NS	5.32E-02	NS
A_64_P029501	NM_001034105	290561	Tnnc1	troponin C type 1 (slow)	4.95E-02	-5.5	1.69E-01	NS	2.93E-01	NS
A_44_P217919	NM_001106148	291605	Myot	myotilin	4.88E-02	-5.0	1.13E-01	NS	8.19E-02	NS
A_64_P022654	NM_001109085	498316	LOC498316	hypothetical LOC498316 SH3 domain binding glutamic acid-rich protein	1.30E-02	-4.9	1.34E-01	NS	6.69E-02	NS
A_44_P471450	NM_001127682	498066	Sh3bgr		4.29E-02	-4.8	1.62E-01	NS	5.02E-02	NS
A_44_P532133	XR_008863				1.80E-02	-4.8	2.44E-01	NS	1.02E-01	NS
A_64_P102049	NM_001109401	680319	LOC680319	hypothetical protein LOC680319	3.67E-02	-4.7	1.17E-01	NS	2.69E-01	NS
A_64_P042586	NM_001013039	259167	Art5	ADP-ribosyltransferase 5 ubiquitin-conjugating enzyme E2Q family-like 1	1.47E-02	-4.6	6.83E-02	NS	8.88E-02	NS
A_64_P042302	NM_001145163	679949	Ube2q1		2.05E-02	-4.6	9.87E-02	NS	1.64E-01	NS
A_44_P352331	NM_001077590	365603	Bves	blood vessel epicardial substance	2.85E-02	-4.5	9.05E-02	NS	6.22E-02	NS
A_64_P130627	NM_001013930	298139	LOC298139	similar to RIKEN cDNA 2310003M01 fibronectin type III and SPRY domain containing 2	4.52E-02	-4.5	2.48E-01	NS	5.16E-02	NS
A_44_P503708	XM_001062337	308779	Fsd2		4.42E-02	-4.4	9.03E-02	NS	4.75E-02	4.5
A_64_P102043	NM_001109401	680319	LOC680319	hypothetical protein LOC680319	4.62E-02	-4.4	8.25E-02	NS	4.34E-01	NS
A_64_P060094	NM_001012001	301033	Lrrc2	leucine rich repeat containing 2	3.57E-02	-4.4	9.66E-02	NS	1.20E-01	NS
A_44_P389448	XM_228900	317454	RGD1560334	similar to Myosin light chain 1 slow a	4.12E-02	-4.3	4.94E-01	NS	3.87E-01	NS
A_64_P026858	NM_001106451	295315	Tbx15	T-box 15	4.39E-02	-4.3	1.39E-01	NS	2.99E-02	3.3
A_64_P100059	XM_213443	287659	Socs7	suppressor of cytokine signaling 7	4.44E-02	-4.2	1.47E-01	NS	2.80E-02	3.4
A_64_P165386	NM_001109333	502225	Lrrc14b	leucine rich repeat containing 14B triggering receptor expressed on myeloid cells 1	3.61E-02	-4.2	1.02E-01	NS	2.25E-03	8.1
A_44_P354415	NM_001106885	301229	Trem1		1.26E-04	-4.2	9.60E-01	NS	1.62E-01	NS
A_64_P162476	NM_001107541	308873	Art1	ADP-ribosyltransferase 1	3.62E-02	-4.1	1.13E-01	NS	1.26E-01	NS
A_64_P034740	NM_001101003	681190	Kcne1l	potassium voltage-gated channel, Isk-related family, member 1-like acyl-Coenzyme A oxidase 2, branched chain	1.92E-02	-4.0	5.12E-01	NS	9.90E-03	4.7
A_44_P330188	NM_145770	252898	Acox2		5.71E-03	-3.9	2.23E-03	-2.1	7.64E-02	NS
A_44_P478313	XR_008378				4.72E-03	-3.9	2.44E-02	-1.6	6.03E-01	NS
A_43_P12768	NM_053328	79431	Bhlhe40	basic helix-loop-helix family, member e40	9.78E-04	-3.9	1.78E-01	NS	1.73E-01	NS
A_44_P1035007	NM_017194	29422	Chrme	cholinergic receptor, nicotinic, epsilon ankyrin repeat and SOCS box-containing 14	1.32E-02	-3.8	3.34E-01	NS	6.00E-03	4.0
A_64_P099897	NM_001170749	680076	Asb14		3.63E-02	-3.7	8.52E-02	NS	3.86E-02	4.8
A_44_P384090	NM_022531	64362	Des	desmin	4.91E-02	-3.6	6.76E-02	NS	9.33E-02	NS
A_64_P311745	NM_001107987	313625	Myom3	myomesin family, member 3	1.52E-02	-3.6	1.09E-01	NS	1.72E-01	NS
A_43_P12790	NM_053381	84396	Atp1b4	ATPase, (Na ⁺)/K ⁺ transporting, beta 4 polypeptide	3.51E-02	-3.6	1.08E-01	NS	1.40E-01	NS
A_44_P390995	NM_013044	25566	Tmod1	tropomodulin 1	2.12E-02	-3.6	1.29E-01	NS	3.61E-02	3.6
A_44_P835847	NM_001134436	294806	C1qtnf3	C1q and tumor necrosis factor related protein 3	4.16E-03	-3.6	4.52E-02	-2.9	7.08E-02	NS
A_64_P237784	XM_001073426	690139	Rbm24	RNA binding motif protein 24	1.11E-02	-3.5	2.03E-01	NS	4.51E-02	3.0
A_64_P082540	NM_145877	113886	Kif1c	kinesin family member 1C	4.43E-02	-3.5	3.69E-02	-2.2	5.63E-01	NS
A_44_P139291	NM_001135778	680409	Prodh	proline dehydrogenase	3.76E-02	-3.5	1.28E-03	1.9	9.64E-01	NS

A_44_P548611	XM_001054443	317224	Fndc3c1	fibronectin type III domain containing 3C1	1.62E-02	-3.5	8.68E-02	NS	9.89E-02	NS
A_64_P137486	XM_001068161	688750	Cd209g	CD209g molecule ankyrin repeat and SOCS box-containing	8.19E-04	-3.5	3.06E-02	-2.0	1.04E-01	NS
A_64_P127488	XM_001055574	680076	Asb14	14	2.35E-02	-3.5	3.96E-02	-3.5	6.20E-02	NS
A_43_P15638	NM_053861	116640	Tnc	tenascin C	6.60E-03	-3.4	7.88E-01	NS	2.71E-02	5.1
A_44_P210852	NM_001034187	307472	Sh3rf2	SH3 domain containing ring finger 2	4.62E-02	-3.4	6.07E-02	NS	3.43E-02	2.6
A_43_P19787	XM_001054550				4.92E-02	-3.4	9.51E-01	NS	6.25E-01	NS
A_42_P464434	XM_215498				7.25E-03	-3.4	4.75E-02	-3.9	2.09E-01	NS
				leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3-like						
A_64_P111058	NM_001037357	361493	Lilrb3l		1.27E-02	-3.4	5.87E-02	NS	2.68E-01	NS
A_44_P409232	NM_031543	25086	Cyp2e1	cytochrome P450, family 2, subfamily e, polypeptide 1	1.59E-03	-3.4	2.79E-01	NS	1.80E-02	2.4
				glutamine-fructose-6-phosphate transaminase 2						
A_43_P18793	NM_001002819	360518	Gfpt2		2.14E-02	-3.4	1.99E-02	-1.8	4.66E-02	2.2
A_42_P540920	NM_001135045	363153	Arpp-21	cyclic AMP-regulated phosphoprotein	4.51E-02	-3.4	1.51E-01	NS	3.74E-02	3.1
A_64_P074440	XM_001073426	690139	Rbm24	RNA binding motif protein 24	6.62E-03	-3.3	1.10E-01	NS	7.11E-02	NS
A_64_P078862	NM_019183	29275	Actc1	actin, alpha, cardiac muscle 1	9.43E-03	-3.3	1.72E-01	NS	4.06E-02	3.3
A_44_P638191	XM_574086	498803	Otud1	OTU domain containing 1	1.48E-02	-3.3	3.21E-01	NS	2.02E-01	NS
A_44_P135650	XM_001069604	311167	Smtnl1	smoothelin-like 1	3.77E-02	-3.3	1.49E-01	NS	7.14E-02	NS
A_64_P161818	NM_001107985	313610	Extl1	exostoses (multiple)-like 1	4.03E-02	-3.3	1.59E-01	NS	3.37E-02	2.7
A_64_P023355	XM_001081149				4.71E-02	-3.3	1.58E-01	NS	2.32E-02	-2.4
A_64_P053785	NM_012739	25083	Adra2a	adrenergic, alpha-2A-, receptor potassium voltage-gated channel, shaker- related subfamily, member 7	6.63E-03	-3.3	2.33E-01	NS	1.98E-01	NS
A_64_P000870	NM_001108914	365241	Kcna7		2.04E-02	-3.3	2.39E-02	-2.1	3.70E-01	NS
A_64_P005581	NM_001038615	308099	Fndc1	fibronectin type III domain containing 1 similar to Tumor necrosis factor, alpha- induced protein 3 (Putative DNA binding protein A20) (Zinc finger protein A20)	1.85E-02	-3.3	4.97E-02	-1.6	3.58E-02	3.2
				similar to Protein C6orf142 homolog						
A_64_P101950	XM_001060914	683206	LOC683206		4.37E-02	-3.2	6.02E-01	NS	4.91E-01	NS
A_64_P127789	XM_002729912	691933	LOC691933		4.00E-02	-3.2	8.47E-02	NS	1.08E-01	NS
A_64_P095586	NM_001109085	498316	LOC498316	hypothetical LOC498316 creatine kinase, mitochondrial 2, sarcomeric	6.93E-03	-3.2	1.19E-01	NS	1.05E-01	NS
A_42_P615837	NM_001127652	688698	Ckmt2		4.90E-02	-3.1	1.35E-01	NS	1.54E-01	NS
A_44_P367761	NM_012923	25405	Ccng1	cyclin G1	2.10E-02	-3.1	3.78E-02	-3.9	1.48E-01	NS
				glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1)						
A_44_P388973	NM_012571	24401	Got1		2.52E-02	-3.1	3.66E-01	NS	6.62E-02	NS
A_44_P134143	NM_053612	113906	Hspb8	heat shock protein B8	4.12E-02	-3.1	1.53E-01	NS	4.11E-02	3.3
				CAP, adenylate cyclase-associated protein, 2 (yeast)						
A_43_P12967	NM_053874	116653	Cap2		4.59E-02	-3.1	5.52E-02	NS	6.78E-02	NS
				similar to T-box transcription factor TBX15 (T-box protein 15) (MmTBx8)						
A_64_P023715	XM_575564	500213	LOC500213	ankyrin repeat and SOCS box-containing 10	6.36E-04	-3.1	2.51E-01	NS	3.50E-01	NS
A_44_P621454	NM_001109216	499972	Asb10		3.41E-02	-3.1	4.19E-02	-2.1	8.64E-02	NS
A_42_P476474	NM_001033926	25177	Fhl1	four and a half LIM domains 1	4.16E-02	-3.1	1.49E-01	NS	1.18E-01	NS
A_64_P099452	NM_030828	58920	Gpc1	glypican 1	1.26E-02	-3.0	9.17E-02	NS	1.21E-01	NS
A_64_P043161	NM_001127547	315191	Fbln1	fibulin 1	2.12E-02	-3.0	1.09E-01	NS	1.29E-01	NS
				ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin)						
A_42_P782235	NM_001007015	474169	Rnase2		1.97E-02	-3.0	1.97E-01	NS	6.02E-01	NS
A_64_P100983	NM_001025008	314996	Khl38	kelch-like 38 (Drosophila)	3.16E-02	-3.0	9.44E-02	NS	7.45E-02	NS
A_64_P140275	NM_001107765	311348	Cdan1	congenital dyserythropoietic anemia, type I	4.82E-02	-3.0	5.64E-01	NS	6.89E-01	NS
A_44_P112551	NM_001108180	315962	Ky	kyphoscoliosis peptidase	1.91E-02	-3.0	3.14E-02	-2.5	4.14E-02	2.8
A_42_P765066	NM_021588	59108	Mb	myoglobin	3.88E-02	-3.0	1.34E-01	NS	2.54E-01	NS
				wingless-type MMTV integration site family, member 16						
A_64_P092782	NM_001109223	500047	Wnt16		1.34E-02	-3.0	1.70E-01	NS	7.50E-02	NS
				V-set domain containing T cell activation inhibitor 1						
A_64_P078624	NM_001024244	295322	Vtcn1		1.89E-02	-2.9	1.29E-01	NS	4.06E-01	NS
A_44_P478176	NM_001109637	691307	Lrrc39	leucine rich repeat containing 39	3.47E-02	-2.9	1.60E-01	NS	1.56E-01	NS
A_64_P038177	NM_001107979	313582	Fhl3	four and a half LIM domains 3	4.47E-02	-2.9	2.20E-01	NS	2.96E-02	2.2
A_64_P114074	NM_001170481	294312	Pi16	peptidase inhibitor 16	4.98E-02	-2.9	8.58E-02	NS	1.14E-01	NS

A_42_P541025	NM_212546	24963	Hspa1l	heat shock protein 1-like	4.99E-02	-2.9	7.78E-02	NS	1.78E-01	NS
A_64_P006464	XM_001081125				3.74E-02	-2.9	9.95E-01	NS	8.83E-01	NS
A_64_P005309	NM_021746	60352	Mapk12	mitogen-activated protein kinase 12	3.18E-02	-2.8	8.39E-02	NS	3.29E-02	2.6
A_64_P236835	XM_002724984	289716	Ccdc96	coiled-coil domain containing 96	7.91E-03	-2.8	1.77E-02	1.5	9.52E-01	NS
A_64_P052076	NM_001106989	302993	Sox8	SRY (sex determining region Y)-box 8	5.41E-02	-2.8	9.34E-02	NS	6.52E-01	NS
A_43_P15498	NM_019145	25753	Chrmg	cholinergic receptor, nicotinic, gamma myeloid-associated differentiation marker-like 2	4.46E-02	-2.8	3.24E-01	NS	3.96E-01	NS
A_64_P138800	NM_001128185	303744	Myadml2		4.40E-02	-2.8	7.23E-02	NS	1.65E-01	NS
A_64_P149016	BC072512				3.67E-02	-2.8	1.67E-01	NS	2.74E-02	3.3
A_43_P23118	NM_001108972	366366	Igfbp1	insulin-like growth factor binding protein-like 1	1.29E-02	-2.8	2.72E-01	NS	2.45E-01	NS
A_64_P099011	NM_030875	81574	Scn1a	sodium channel, voltage-gated, type I, alpha	2.89E-03	-2.8	1.93E-01	NS	7.87E-02	NS
A_64_P151627	NM_001135033	303214	Trim16	tripartite motif-containing 16	1.09E-05	-2.7	3.76E-01	NS	5.67E-02	NS
A_64_P147263	NM_053566	89830	Ptch1	patched homolog 1 (Drosophila)	7.55E-03	-2.7	1.40E-01	NS	8.65E-01	NS
A_64_P082431	XM_001066085	499297	RGD1562011	similar to MAS-related G-protein coupled receptor, member G	1.57E-02	-2.7	7.29E-01	NS	8.55E-01	NS
A_42_P589812	NM_022618	64553	Akap6	A kinase (PRKA) anchor protein 6	3.82E-02	-2.7	8.99E-02	NS	1.41E-01	NS
A_64_P083771	NM_013178	25722	Scn4a	sodium channel, voltage-gated, type IV, alpha	3.13E-02	-2.7	2.83E-02	-2.2	2.80E-01	NS
A_43_P11616	NM_012912	25389	Atf3	activating transcription factor 3	1.08E-02	-2.7	5.06E-01	NS	9.08E-01	NS
A_44_P238897	NM_001108416	361256	Svil	supervillin	1.93E-02	-2.7	1.62E-01	NS	4.64E-02	3.0
A_64_P081203	NM_001173357	361548	Dmkn	dermokine	2.91E-02	-2.7	1.89E-01	NS	1.44E-02	13.7
A_42_P799702	NM_145093	246323	Aard	alanine and arginine rich domain containing protein	1.53E-02	-2.6	1.58E-01	NS	2.21E-01	NS
A_42_P674843	NM_001008880	315611	Scn4b	sodium channel, voltage-gated, type IV, beta	2.02E-02	-2.6	8.31E-02	NS	7.62E-02	NS
A_64_P033565	XM_001080527				3.58E-02	-2.6	1.42E-01	NS	5.78E-02	NS
A_43_P13386	NM_139333	246216	Prpf19	PRP19/PSO4 pre-mRNA processing factor 19 homolog (S. cerevisiae)	1.49E-02	-2.6	6.69E-02	NS	2.72E-01	NS
A_64_P150276	NM_001109616	691024	LOC691024	similar to Protein C9orf25 homolog	3.69E-03	-2.6	2.15E-01	NS	8.67E-01	NS
A_42_P594085	XM_001060017				4.17E-02	-2.6	7.51E-02	NS	9.13E-02	NS
A_43_P19118	XM_002729912	681849	LOC681849	similar to Protein C6orf142 homolog	3.30E-02	-2.6	7.89E-02	NS	9.78E-02	NS
A_42_P724510	NM_001007625	291180	Epdrl	ependymin related protein 1 (zebrafish)	1.53E-02	-2.6	1.17E-01	NS	9.26E-02	NS
A_64_P036370	NM_031007	81636	Adcy2	adenylate cyclase 2 (brain)	3.89E-02	-2.5	6.32E-02	NS	7.04E-02	NS
A_44_P471818	XM_001071384				4.56E-02	-2.5	1.37E-01	NS	1.92E-02	3.3
A_44_P122386	NM_031750	78951	Hspb3	heat shock protein 3	3.72E-02	-2.5	9.62E-02	NS	1.59E-01	NS
A_64_P006220	NM_001109637	691307	Lrrc39	leucine rich repeat containing 39	3.30E-02	-2.5	1.11E-01	NS	9.62E-02	NS
A_64_P112684	NM_001037357	361493	Lilrb3l	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3-like	4.82E-03	-2.5	2.57E-01	NS	6.21E-01	NS
A_44_P492581	NM_001012203	363192	Klhdc3	kelch domain containing 3	4.36E-02	-2.5	7.02E-02	NS	4.97E-02	2.1
A_64_P115286	XR_008378	312401	RGD1311080	similar to RIKEN cDNA A930038C07	1.60E-02	-2.5	8.34E-03	-1.8	4.17E-01	NS
A_44_P251212	NM_031715	65152	Pfkm	phosphofructokinase, muscle	3.64E-02	-2.5	6.04E-02	NS	5.76E-02	NS
A_42_P503626	NM_001044247	361187	Asb5	ankyrin repeat and SOCS box-containing 5 nuclear receptor subfamily 1, group D, member 1	2.84E-02	-2.5	1.17E-01	NS	1.03E-01	NS
A_44_P175041	NM_145775	252917	Nr1d1		1.61E-02	-2.5	1.17E-01	NS	1.14E-01	NS
A_42_P752416	NM_001135238	684352	LOC684352	similar to twinfilin-like protein	9.93E-03	-2.5	5.26E-02	NS	3.30E-02	2.3
A_44_P116369	NM_001002835	314280	Smoc1	SPARC related modular calcium binding 1	2.15E-02	-2.5	9.88E-01	NS	5.10E-03	-2.2
A_64_P130618	NM_001013930	298139	LOC298139	similar to RIKEN cDNA 2310003M01	3.17E-02	-2.4	9.27E-02	NS	2.76E-01	NS
A_44_P374741	NM_001003958	444984	Dnmt3a	DNA (cytosine-5-)-methyltransferase 3 alpha	3.45E-02	-2.4	4.53E-02	-1.4	5.76E-01	NS
A_64_P065037	XM_230745				1.33E-02	-2.4	1.18E-01	NS	1.59E-01	NS
A_42_P542638	NM_001012202	363122	Ppp2r3a	protein phosphatase 2 (formerly 2A), regulatory subunit B", alpha	1.48E-02	-2.4	8.65E-02	NS	1.45E-01	NS
A_64_P013288	NM_019176	79423	Stmn4	stathmin-like 4	2.12E-02	-2.4	4.79E-01	NS	1.07E-01	NS
A_64_P078899	NM_001134826	497892	Sgcd	sarcoglycan, delta (dystrophin-associated glycoprotein)	3.38E-02	-2.4	4.48E-02	-1.8	2.46E-01	NS
A_43_P15884	AF155823				4.98E-02	-2.4	5.13E-03	-1.8	4.34E-01	NS

A_64_P049781	NM_001107451	308028	Slc2a12	solute carrier family 2 (facilitated glucose transporter), member 12	3.26E-02	-2.4	5.36E-01	NS	6.77E-01	NS
A_44_P168159	NM_022269	64036	Cd55	Cd55 molecule	1.61E-03	-2.4	1.10E-01	NS	7.78E-02	NS
A_64_P108876	NM_001007006	361002	Dusp13	dual specificity phosphatase 13	3.42E-02	-2.4	9.33E-02	NS	1.29E-01	NS
A_44_P335776	NM_001105894	288289	Chodl	chondrolectin	1.30E-02	-2.4	4.69E-02	-1.7	1.10E-01	NS
A_64_P099055	XM_001071401				5.60E-03	-2.4	1.78E-01	NS	1.42E-01	NS
A_43_P21122	NM_001108492	361604	Syt12	synaptotagmin-like 2	2.35E-02	-2.4	5.20E-01	NS	3.13E-01	NS
A_64_P121191	U83879	680324	LOC680324	hypothetical protein LOC680324	1.46E-02	-2.4	8.25E-01	NS	7.15E-01	NS
A_64_P033939	NM_033651	29728	Mcm4	minichromosome maintenance complex component 4	4.42E-02	-2.4	5.95E-01	NS	7.42E-02	NS
A_42_P841193	NM_080399	140582	Ddit4l	DNA-damage-inducible transcript 4-like	2.74E-02	-2.4	6.26E-02	NS	9.11E-02	NS
A_44_P943285	NM_001109093	498416	Grb10	growth factor receptor bound protein 10	1.31E-02	-2.4	1.35E-01	NS	2.25E-02	3.3
A_43_P22561	NM_001024751	293165	Sox6	SRY (sex determining region Y)-box 6	3.28E-02	-2.3	9.32E-02	NS	6.71E-02	NS
A_64_P051691	NM_013196	25747	Ppara	peroxisome proliferator activated receptor alpha	1.52E-02	-2.3	7.31E-01	NS	5.72E-01	NS
A_64_P024399	NM_001108851	363872	Znf498	zinc finger protein 498	1.50E-02	-2.3	9.92E-01	NS	7.64E-01	NS
A_64_P121896	XM_001065765	361492	Pira2	paired-Ig-like receptor A2	6.69E-03	-2.3	1.35E-01	NS	2.16E-01	NS
A_44_P412322	XM_221928				1.57E-02	-2.3	4.26E-02	-1.5	1.53E-02	2.4
A_43_P14436	NM_001109599	690528	Pou2af1	POU class 2 associating factor 1	1.47E-03	-2.3	6.16E-01	NS	1.53E-01	NS
A_64_P071732	NM_175763	302822	Igsf1	immunoglobulin superfamily, member 1	1.09E-02	-2.3	3.79E-02	-2.3	2.20E-01	NS
A_64_P073475	NM_001024252	301164	Pcaf	p300/CBP-associated factor	3.91E-02	-2.3	1.80E-01	NS	8.16E-01	NS
A_64_P006478	NM_001013936	298606	Slc25a34	solute carrier family 25, member 34	4.70E-02	-2.3	1.44E-01	NS	2.93E-01	NS
A_44_P561166	NM_001142366	25293	Aqp4	aquaporin 4	4.01E-02	-2.3	6.33E-02	NS	8.50E-02	NS
A_64_P051802	NM_001109979	100126191	Rab1b	RAB1B, member RAS oncogene family DnaJ (Hsp40) homolog, subfamily B, member 5	2.47E-02	-2.3	9.39E-01	NS	4.98E-01	NS
A_44_P331706	NM_001108004	313811	Dnajb5	similar to RIKEN cDNA 6330416G13 gene	1.97E-02	-2.3	1.66E-01	NS	2.69E-02	3.7
A_44_P103114	NM_001106661	298104	RGD1304595	similar to ESO3 protein	7.31E-03	-2.3	1.47E-01	NS	6.32E-01	NS
A_64_P074725	XM_001081754	363523	RGD1565203	kinesin family member 1B	4.12E-02	-2.3	4.99E-01	NS	3.57E-01	NS
A_64_P105573	NM_057200	117548	Kif1b	shisa homolog 4 (Xenopus laevis)	4.28E-02	-2.3	7.36E-01	NS	1.27E-01	NS
A_44_P959143	NM_001077826	360848	Shisa4	tollid-like 2	4.60E-02	-2.3	5.03E-02	NS	1.12E-01	NS
A_64_P117251	XM_001054070	365460	Tll2	dickkopf homolog 2 (Xenopus laevis)	1.08E-02	-2.2	8.74E-01	NS	6.72E-01	NS
A_64_P103414	NM_001106472	295445	Dkk2	thrombospondin 4	1.05E-02	-2.2	2.10E-01	NS	1.42E-01	NS
A_44_P337311	XM_001066338	29220	Thbs4	zinc finger protein 641	4.44E-02	-2.2	9.67E-01	NS	3.80E-02	2.7
A_64_P071858	NM_001106792	300197	Znf641	XK, Kell blood group complex subunit-related family, member 4	1.79E-02	-2.2	6.70E-03	-1.7	1.97E-01	NS
A_64_P104713	NM_001011971	297801	Xkr4	msh homeobox 2	1.46E-02	-2.2	2.76E-01	NS	1.39E-01	NS
A_44_P716637	NM_012982	25483	Msx2	lysozyme C type 2	2.04E-03	-2.2	6.72E-01	NS	1.44E-01	NS
A_44_P452186	XM_002725446				2.06E-02	-2.2	2.40E-01	NS	1.06E-01	NS
A_64_P215398	NM_001128494	688047	Lyc2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 1 similar to Fructose-bisphosphate aldolase A	5.81E-03	-2.2	5.56E-01	NS	3.60E-01	NS
A_64_P141349	NM_001108954	366064	B3galt1	(Muscle-type aldolase)	8.44E-03	-2.2	3.92E-02	-1.7	5.07E-01	NS
A_64_P138790	NM_001109504	688539	LOC688539	phytanoyl-CoA 2-hydroxylase	3.62E-02	-2.2	4.91E-02	-1.5	3.62E-02	2.2
A_44_P191021	NM_053674	114209	Phyh	interleukin 17 receptor B	8.43E-03	-2.2	7.31E-01	NS	6.61E-02	NS
A_64_P115212	NM_001107290	306247	Il17rb	protein kinase-like protein Sgk493	1.67E-02	-2.2	4.35E-01	NS	7.70E-01	NS
A_42_P459349	NM_001108007	313860	Sgk493	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	1.88E-02	-2.2	1.95E-01	NS	3.96E-02	2.9
A_64_P097223	NM_012555	24356	Ets1	forkhead box O4	1.79E-02	-2.2	5.19E-01	NS	1.33E-01	NS
A_64_P085082	NM_001106943	302415	Foxo4	leucine rich repeat containing 20	3.56E-02	-2.2	9.08E-02	NS	1.88E-01	NS
A_44_P649046	NM_001109171	499430	Lrrc20	speedy homolog A (Xenopus laevis)	2.76E-02	-2.2	5.86E-02	NS	5.80E-02	NS
A_42_P529780	NM_138855	192209	Spdya	sestrin 1	1.12E-03	-2.2	1.13E-01	NS	1.75E-02	1.9
A_64_P389571	NM_001106396	294518	Sesn1	similar to dimerization cofactor of hepatocyte nuclear factor 1 (HNF1) from muscle	1.37E-02	-2.2	4.81E-01	NS	2.69E-02	3.9
A_64_P045128	BC087670	685729	LOC685729	Smith-Magenis syndrome chromosome region, candidate 7 homolog (human)	2.51E-03	-2.2	8.23E-01	NS	3.91E-02	1.9
A_44_P447158	BC081703				1.91E-02	-2.2	1.60E-01	NS	1.26E-01	NS
A_64_P121058	XM_001077609	497916	Smcr7	DENN/MADD domain containing 2C	3.39E-02	-2.2	2.53E-01	NS	3.27E-02	2.3
A_44_P403088	XM_002729114	295333	Dennd2c	natriuretic peptide precursor C	2.31E-02	-2.2	4.85E-01	NS	5.94E-01	NS
A_44_P240696	NM_053750	114593	Nppc		4.91E-03	-2.1	1.01E-02	-1.7	8.24E-01	NS

A_64_P147774	XM_001080099				2.47E-02	-2.1	1.54E-01	NS	6.62E-01	NS
A_64_P351272	NM_001013994	305811	Rcor2	REST corepressor 2	1.21E-02	-2.1	3.04E-02	-1.5	5.47E-01	NS
A_64_P166514	BC101919	25651	Selp	selectin P	9.05E-04	-2.1	2.13E-02	-1.7	9.29E-01	NS
A_44_P552452	NM_001004084	309622	RT1-Bb	RT1 class II, locus Bb similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12)	2.75E-03	-2.1	6.65E-01	NS	1.27E-01	NS
A_44_P405321	XM_001078200	293876	RGD1561881		1.45E-02	-2.1	4.66E-02	-1.5	4.02E-02	2.0
A_44_P1017458	NM_199402	360604	Spata20	spermatogenesis associated 20	4.12E-02	-2.1	6.42E-02	NS	1.80E-01	NS
A_44_P531758	NM_012935	25420	Cryab	crystallin, alpha B	1.67E-02	-2.1	2.41E-01	NS	4.81E-01	NS
A_64_P237860	XM_001080554				3.92E-02	-2.1	6.79E-01	NS	1.13E-01	NS
A_44_P456792	NM_053966	117036	Lamc1	laminin, gamma 1	4.13E-02	-2.1	2.91E-01	NS	2.27E-01	NS
A_64_P009857	NM_001108322	360737	Tbx1	T-box 1 receptor (G protein-coupled) activity modifying protein 1 family with sequence similarity 181, member B	1.58E-02	-2.1	2.76E-02	-1.8	8.36E-02	NS
A_64_P022090	NM_031645	58965	Ramp1		2.58E-02	-2.1	2.15E-01	NS	1.72E-01	NS
A_64_P044295	NM_001109150	499205	Fam181b		3.27E-02	-2.1	1.43E-01	NS	3.85E-01	NS
A_64_P057603	NM_001100850	311860	Abl1	c-abl oncogene 1, receptor tyrosine kinase calcium channel, voltage-dependent, beta 1 subunit	4.28E-02	-2.1	5.44E-01	NS	1.32E-01	NS
A_43_P11929	NM_017346	50688	Cacnb1	similar to solute carrier organic anion transporter family, member 6c1	3.95E-02	-2.1	6.00E-02	NS	9.03E-02	NS
A_64_P023880	XM_001047881	501192	RGD1559925		2.24E-02	-2.1	5.99E-01	NS	6.91E-02	NS
A_64_P107821	NM_001047881	307404	Arsi	arylsulfatase family, member I	4.64E-02	-2.1	1.21E-02	-1.7	8.57E-02	NS
A_64_P159110	XM_001054995	502160	Lvrn	laeverin	1.10E-02	-2.1	3.34E-01	NS	3.78E-02	2.1
A_43_P10269	NM_001025712	317218	Itm2a	integral membrane protein 2A	4.21E-02	-2.1	1.07E-01	NS	6.94E-02	NS
A_43_P13147	NM_131908	170700	Fgf6	fibroblast growth factor 6	2.14E-03	-2.1	5.19E-01	NS	1.04E-01	NS
A_44_P1037953	NM_031511	24483	Igf2	insulin-like growth factor 2	1.44E-02	-2.1	4.00E-03	-1.9	5.91E-02	NS
A_44_P192000	NM_001044231	292793	Sbsn	suprabasin	2.70E-02	-2.1	7.99E-02	NS	6.99E-02	NS
A_44_P158758	NM_053816	116506	Calcr	calcitonin receptor	1.01E-02	-2.1	1.13E-02	-2.7	5.51E-01	NS
A_44_P822989	XM_001070627	498650	Rab11fip1	RAB11 family interacting protein 1 (class I)	2.12E-02	-2.1	5.89E-01	NS	7.98E-01	NS
A_64_P147403	XM_346994	361629	RGD1565926	RGD1565926	1.02E-02	-2.1	4.14E-02	-1.8	8.18E-02	NS
A_44_P541456	NM_001106615	297518	Arcp4	actin related protein 2/3 complex, subunit 4	4.19E-02	-2.1	1.35E-01	NS	1.96E-01	NS
A_44_P299247	NM_012778	25240	Aqp1	aquaporin 1	3.16E-02	-2.1	3.10E-01	NS	1.66E-02	1.9
A_64_P157371	NM_019358	54320	Pdpr	podoplanin	2.80E-02	-2.1	3.15E-01	NS	3.14E-01	NS
A_44_P456689	NM_001109904	25114	Fgfr4	fibroblast growth factor receptor 4 solute carrier family 1 (glial high affinity glutamate transporter), member 2	1.28E-02	-2.1	2.19E-02	-2.2	4.55E-02	2.1
A_64_P031123	NM_001035233	29482	Slc1a2	chaperone, ABC1 activity of bc1 complex homolog (S. pombe)	2.28E-03	-2.1	2.11E-01	NS	1.87E-01	NS
A_44_P165999	NM_001013185	360887	Cabc1		8.39E-03	-2.1	5.40E-02	NS	3.08E-02	2.1
A_64_P092891	XM_001056859	499660	Sprr1al	small proline-rich protein 1A-like	2.67E-02	-2.1	4.55E-01	NS	1.64E-01	NS
A_44_P182195	NM_012677	24841	Ton	tonin	2.55E-02	-2.1	1.01E-02	-2.5	5.14E-01	NS
A_44_P553267	XM_002727615				1.05E-02	-2.1	2.59E-01	NS	9.47E-01	NS
A_64_P098449	NM_021698	60327	F13a1	coagulation factor XIII, A1 polypeptide	2.15E-02	-2.0	2.61E-01	NS	1.87E-01	NS
A_64_P080582	NM_001108461	361466	Tppp	tubulin polymerization promoting protein protein tyrosine phosphatase, receptor type, J	6.24E-03	-2.0	8.72E-01	NS	9.02E-01	NS
A_44_P332780	NM_017269	29645	Ptprj		4.80E-02	-2.0	7.88E-01	NS	7.91E-01	NS
A_43_P11923	NM_017337	50678	Pde3a	phosphodiesterase 3A, cGMP inhibited sarcoglycan, gamma (dystrophin-associated glycoprotein)	3.79E-02	-2.0	2.01E-01	NS	5.01E-01	NS
A_43_P14597	NM_001006993	305941	Sgcg		1.22E-02	-2.0	2.94E-02	-1.8	8.93E-02	NS
A_44_P109455	NM_177426	24424	Gstm2	glutathione S-transferase mu 2 glucose-fructose oxidoreductase domain containing 1	2.41E-02	-2.0	2.80E-02	-2.0	1.56E-02	2.7
A_43_P20986	NM_001170334	306842	Gfod1		3.97E-02	-2.0	2.81E-01	NS	9.04E-01	NS
A_64_P137679	NM_001134513	295446	Tbck	TBC1 domain containing kinase	1.35E-02	-2.0	4.45E-01	NS	7.63E-01	NS
A_64_P101425	XR_008828	290372	RGD1560137	similar to expressed sequence AU021034	3.01E-02	-2.0	5.36E-01	NS	6.65E-01	NS
A_44_P579385	XM_574618	191572	Ahnak	AHNAK nucleoprotein	4.66E-02	-2.0	7.47E-01	NS	5.85E-01	NS
A_44_P840891	XM_001079346	499415	Icoslg	inducible T-cell co-stimulator ligand gamma-aminobutyric acid (GABA) B receptor 1	1.79E-02	-2.0	6.67E-02	NS	7.97E-01	NS
A_64_P089421	NM_031028	81657	Gabbr1		5.43E-03	-2.0	7.48E-01	NS	8.01E-01	NS
A_44_P325189	NM_175578	140666	Rcan2	regulator of calcineurin 2	9.49E-03	-2.0	1.23E-01	NS	2.63E-02	3.3

A_64_P000023	NM_032078	689560	Ryr2	ryanodine receptor 2, cardiac	3.36E-02	-2.0	3.09E-01	NS	8.97E-02	NS
A_64_P068648	NM_001107971	313554	Foxj3	forkhead box J3	1.13E-02	-2.0	7.14E-01	NS	4.60E-02	1.6
A_44_P507911	NM_139230	246172	Nexn	nexilin (F actin binding protein)	3.63E-02	-2.0	1.54E-01	NS	1.06E-01	NS
A_42_P834031	NM_001105871	288025	Hrasls	HRAS-like suppressor	3.11E-02	-2.0	9.43E-02	NS	6.66E-02	NS
A_44_P536757	NM_001107735	311129	Osbp16	oxysterol binding protein-like 6 sulfotransferase family, cytosolic, 1C, member 2a	4.29E-02	-2.0	1.74E-03	-1.4	2.29E-01	NS
A_44_P958682	NM_001013177	316153	Sult1c2a		3.11E-02	-2.0	7.76E-01	NS	5.34E-01	NS
A_64_P014376	AABR03073588				2.52E-02	-2.0	2.61E-01	NS	4.78E-02	2.5
A_42_P648800	AA998304				2.52E-02	-2.0	5.76E-01	NS	1.68E-01	NS
A_64_P020706	XM_001061909	295274	Hist2h2be	histone cluster 2, H2be	3.19E-02	-2.0	3.98E-01	NS	4.48E-01	NS
A_42_P586141	NM_0017035	24655	Plcd1	phospholipase C, delta 1	3.94E-02	-2.0	4.34E-02	-1.3	3.17E-02	2.2
A_64_P066621	XM_001063707	312897	Msc	musculin	4.17E-02	-2.0	2.96E-01	NS	7.99E-03	2.2
A_44_P425058	NM_031653	58982	Ncan	neurocan	8.55E-03	-2.0	7.81E-01	NS	6.98E-01	NS
A_44_P520929	NM_001007675	303701	C1qtnf1	C1q and tumor necrosis factor related protein 1	4.08E-02	-2.0	1.05E-01	NS	6.40E-02	NS
A_64_P137932	NM_031794	308444	Axl	Axl receptor tyrosine kinase	1.69E-02	-2.0	3.44E-01	NS	4.49E-01	NS
A_64_P157229	XM_001072745	311639	Zfp334	zinc finger protein 334	3.23E-02	-2.0	8.87E-01	NS	3.44E-01	NS
A_64_P053392	NM_001144859	292199	LOC292199	hypothetical LOC292199	1.55E-02	-2.0	4.92E-02	-1.8	1.25E-01	NS
A_64_P041228	NM_001106455	295325	Igsf3	immunoglobulin superfamily, member 3	1.41E-02	-2.0	9.60E-01	NS	4.13E-01	NS
A_64_P100389	NM_001106774	299694	Nuak1	NUAK family, SNF1-like kinase, 1	7.52E-03	-2.0	6.14E-01	NS	6.19E-01	NS
A_43_P19341	XM_342827				4.59E-02	-2.0	3.85E-01	NS	4.23E-01	NS
A_44_P125069	XM_001074013	362246	Tp53inp2	tumor protein p53 inducible nuclear protein 2	4.54E-02	-2.0	2.62E-01	NS	5.19E-02	NS
A_44_P665075	NM_001025720	361272	Dhtkd1	dehydrogenase E1 and transketolase domain containing 1	3.82E-02	-2.0	5.66E-01	NS	5.03E-01	NS
A_44_P541384	NM_001106164	291813	Cmtm3	CKLF-like MARVEL transmembrane domain containing 3	4.71E-02	-1.9	8.85E-02	NS	1.05E-01	NS
A_44_P317287	NM_031694	64441	Hsf2	heat shock transcription factor 2	3.35E-02	-1.9	2.62E-01	NS	1.27E-01	NS
A_43_P22972	XM_001075116	690657	Tmem71	transmembrane protein 71	2.16E-03	-1.9	1.46E-01	NS	7.97E-01	NS
A_64_P045007	NM_001100666	295105	Schip1	schwannomin interacting protein 1	3.39E-02	-1.9	1.23E-01	NS	1.18E-01	NS
A_43_P11040	NM_001009639	291966	Tppp3	tubulin polymerization-promoting protein family member 3	8.76E-03	-1.9	9.83E-02	NS	1.48E-01	NS
A_64_P020152	NM_001109382	679921	Vasn	vasorin	2.96E-02	-1.9	4.23E-02	-1.2	1.82E-01	NS
A_64_P133355	NM_001012349	296635	Ppapdc3	phosphatidic acid phosphatase type 2 domain containing 3	4.34E-02	-1.9	3.25E-02	-2.2	1.45E-01	NS
A_44_P538789	XM_222813				1.01E-02	-1.9	5.02E-02	NS	1.45E-02	2.2
A_44_P1011780	NM_001108565	362039	Pla2g12a	phospholipase A2, group XIIA	2.85E-03	-1.9	1.70E-02	-1.9	1.43E-01	NS
A_44_P450440	NM_001048215	315546	Kirrel3	kin of IRRE like 3 (Drosophila)	4.01E-02	-1.9	6.44E-01	NS	1.11E-01	NS
A_64_P101908	XR_085779	688582	LOC688582	similar to hemicentin 1	1.08E-02	-1.9	1.69E-01	NS	1.76E-01	NS
A_64_P140836	NM_001017486	498174	Gbas	glioblastoma amplified sequence	4.66E-02	-1.9	1.10E-01	NS	8.49E-02	NS
A_64_P031481	NM_001107172	304784	Slc26a9	solute carrier family 26, member 9	1.95E-02	-1.9	9.50E-02	NS	3.29E-02	-2.2
A_64_P084525	NM_001101001	680115	Ptpla	protein tyrosine phosphatase-like (proline instead of catalytic arginine), member a receptor (G protein-coupled) activity	4.74E-02	-1.9	3.35E-02	-2.1	4.62E-01	NS
A_64_P159404	NM_031645	58965	Ramp1	modifying protein 1	3.67E-02	-1.9	1.50E-01	NS	7.14E-02	NS
A_44_P325599	NM_212499	309611	G7c	G7c protein	7.41E-03	-1.9	1.24E-01	NS	4.18E-01	NS
A_42_P588504	XM_575808	500446	RGD1559864	similar to mKIAA1045 protein	3.86E-02	-1.9	2.02E-01	NS	9.33E-01	NS
A_42_P716750	NM_001024757	297930	Wwp1	WW domain containing E3 ubiquitin protein ligase 1	4.60E-02	-1.9	2.65E-01	NS	1.43E-01	NS
A_44_P449819	NM_053851	116600	Cacnb2	calcium channel, voltage-dependent, beta 2 subunit	4.84E-02	-1.9	2.45E-01	NS	2.17E-01	NS
A_44_P700105	NM_001108495	361615	Relt	RELT tumor necrosis factor receptor	4.49E-02	-1.9	1.01E-01	NS	8.21E-02	NS
A_44_P290187	NM_053544	89803	Sfrp4	secreted frizzled-related protein 4	1.45E-02	-1.9	2.28E-01	NS	3.92E-01	NS
A_44_P157408	NM_013027	25545	Sepw1	selenoprotein W, 1	7.53E-03	-1.9	8.87E-02	NS	8.43E-02	NS
A_44_P328767	NM_001007709	315141	Smcr7l	Smith-Magenis syndrome chromosome region, candidate 7-like (human)	1.44E-02	-1.9	2.14E-01	NS	8.01E-01	NS
A_64_P077871	XR_009614				1.81E-02	-1.9	5.87E-01	NS	2.77E-01	NS
A_64_P089950	NM_001039686	297419	Gkn2	gastrokine 2	3.71E-02	-1.9	1.11E-01	NS	4.32E-02	-1.6
A_44_P476088	NM_001106830	300776	Iqch	IQ motif containing H	1.16E-02	-1.9	1.13E-01	NS	6.11E-02	NS
A_64_P081045	XM_001067781	688657	LOC688657	similar to Olfactory receptor 5D13	1.68E-02	-1.9	1.50E-02	1.7	3.66E-02	-2.0

A_44_P295187	NM_001107308	306357	Gmip	Gem-interacting protein	4.53E-02	-1.9	2.07E-01	NS	1.04E-01	NS
A_44_P387308	NM_001034012	310670	Adamts14	ADAMTS-like 4	3.19E-02	-1.9	6.83E-02	NS	6.01E-02	NS
A_64_P127808	NM_022269	64036	Cd55	Cd55 molecule	4.06E-03	-1.9	9.82E-02	NS	7.74E-02	NS
A_64_P164784	NM_001135713	309433	Sec31b	SEC31 homolog B (<i>S. cerevisiae</i>) cytochrome P450, family 2, subfamily c, polypeptide 23	1.76E-02	-1.9	1.15E-01	NS	6.66E-02	NS
A_42_P514057	NM_031839	83790	Cyp2c23		1.45E-02	-1.9	4.62E-01	NS	4.25E-02	1.5
A_64_P092584	M59313				2.36E-02	-1.8	5.61E-01	NS	5.43E-02	NS
A_42_P717175	NM_001013428	298579	Pla2g2d	phospholipase A2, group IID	4.90E-03	-1.8	6.26E-01	NS	2.90E-01	NS
A_64_P105073	NM_001106662	298141	Frmd3	FERM domain containing 3	2.58E-02	-1.8	3.25E-01	NS	6.57E-01	NS
A_64_P121796	NM_001108001	313776	RGD1304931	similar to RIKEN cDNA 2310042D19	1.58E-02	-1.8	6.00E-02	NS	8.60E-02	NS
A_64_P033456	NM_031070	81734	Nell2	NEL-like 2 (chicken)	3.02E-02	-1.8	6.10E-01	NS	6.13E-02	NS
A_44_P898436	NM_001025155	502715	Lrrc17	leucine rich repeat containing 17	2.29E-02	-1.8	4.05E-02	-1.4	5.32E-02	NS
A_44_P241398	NM_001106607	297433	Podxl2	podocalyxin-like 2	1.75E-02	-1.8	7.05E-02	NS	9.08E-02	NS
A_43_P14648	NM_001012034	305235	Art3	ADP-ribosyltransferase 3 XK, Kell blood group complex subunit- related family, member 6	1.60E-02	-1.8	1.35E-01	NS	1.28E-01	NS
A_64_P066256	NM_001012042	305960	Xkr6	transforming, acidic coiled-coil containing protein 2	1.39E-02	-1.8	7.92E-01	NS	8.32E-01	NS
A_43_P18160	NM_001004415	309025	Tacc2	nucleolar protein 3 (apoptosis repressor with CARD domain)	4.06E-02	-1.8	4.42E-01	NS	1.12E-01	NS
A_43_P12832	NM_053516	85383	Nol3		8.16E-03	-1.8	1.06E-01	NS	1.54E-01	NS
A_64_P026420	XM_002727417				3.68E-02	-1.8	1.65E-01	NS	1.37E-01	NS
A_44_P278881		290019	RGD1562558	similar to Cytochrome c, somatic family with sequence similarity 54, member B	2.40E-02	-1.8	6.63E-01	NS	7.25E-02	NS
A_64_P107549	NM_001013935	298549	Fam54b		2.93E-02	-1.8	4.13E-01	NS	4.04E-02	2.2
A_44_P508917	XR_008528	290341	LOC290341	similar to RIKEN cDNA 9430077D24 gene phosphatidylinositol-3,4,5-trisphosphate- dependent Rac exchange factor 1	3.79E-02	-1.8	8.31E-01	NS	8.71E-01	NS
A_44_P288548	NM_001135718	311647	Prex1	mannose receptor, C type 1	4.62E-02	-1.8	7.20E-01	NS	6.14E-01	NS
A_43_P18738	NM_001106123	291327	Mrc1	alcohol dehydrogenase, iron containing, 1	4.76E-02	-1.8	7.17E-02	NS	2.86E-01	NS
A_44_P412710	NM_001025423	362474	Adhfe1	Src homology 3 domain-containing guanine nucleotide exchange factor	4.42E-02	-1.8	2.28E-01	NS	2.16E-02	2.4
A_64_P127873	XM_001063458	310460	Sgef	tumor protein p63 regulated 1	8.55E-03	-1.8	7.75E-01	NS	2.45E-01	NS
A_44_P142925	NM_001108320	360731	Tprg1	cofilin 2, muscle	1.42E-02	-1.8	3.76E-01	NS	2.46E-01	NS
A_44_P315106	NM_001108982	366624	Cfl2	glutathione S-transferase, mu 7	2.49E-02	-1.8	1.71E-01	NS	7.08E-02	NS
A_42_P716352	NM_031154	81869	Gstm7	cadherin 23 (otocadherin)	2.68E-02	-1.8	7.73E-02	NS	2.96E-02	1.9
A_64_P033974	NM_053644	114102	Cdh23	ADAMTS-like 5	1.10E-02	-1.8	3.45E-02	-1.6	8.81E-01	NS
A_64_P117891	NM_001108071	314626	Adamts15		1.96E-02	-1.8	2.56E-02	-1.9	3.79E-02	2.4
A_64_P393579	XM_223172				3.22E-02	-1.8	1.35E-01	NS	6.15E-01	NS
A_44_P378799	NM_013104	25641	Igfbp6	insulin-like growth factor binding protein 6 immunoglobulin superfamily, DCC subclass, member 4	2.61E-02	-1.8	1.17E-01	NS	7.11E-02	NS
A_44_P230697	NM_001108767	363081	Igdcc4		2.70E-02	-1.8	1.32E-01	NS	6.84E-02	NS
A_44_P243534	NM_001025719	361238	RGD1311307	similar to 1300014106Rik protein membrane associated guanylate kinase, WW and PDZ domain containing 2	3.17E-02	-1.8	3.30E-01	NS	4.56E-02	2.7
A_44_P320987	NM_053621	113970	Magi2	C1q and tumor necrosis factor related protein 6	2.36E-02	-1.8	2.30E-01	NS	2.77E-01	NS
A_64_P115706	NM_001034932	315114	C1qtnf6		4.54E-02	-1.8	1.69E-01	NS	1.45E-01	NS
A_44_P344777	XM_230014				1.46E-02	-1.8	7.64E-02	NS	2.41E-02	2.0
A_44_P273468	NM_053515	85333	Slc25a4	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4	1.73E-02	-1.8	6.37E-02	NS	8.42E-02	NS
A_64_P046091	XM_001064153				1.03E-02	-1.8	2.81E-01	NS	8.34E-01	NS
A_64_P140303	NM_024376	79217	Gja3	gap junction protein, alpha 3	1.68E-02	-1.8	3.39E-02	-1.4	2.33E-01	NS
A_64_P074918	NM_031623	58844	Grb14	growth factor receptor bound protein 14	1.35E-02	-1.8	2.31E-01	NS	7.25E-02	NS
A_44_P257582	NM_001029901	307403	Csf1r	colony stimulating factor 1 receptor	4.90E-02	-1.8	1.08E-01	NS	5.21E-01	NS
A_43_P20587	NM_001013233	364837	Gypc	glycophorin C (Gerbig blood group)	2.54E-02	-1.8	2.19E-02	-1.3	7.93E-02	NS
A_64_P036955	NM_031054	81686	Mmp2	matrix metalloproteinase 2	4.93E-02	-1.8	5.70E-02	NS	3.02E-02	2.5
A_42_P583245	XM_002726186	362145	Slc25a12	solute carrier family 25 (mitochondrial carrier, Aralar), member 12	8.92E-03	-1.8	1.40E-01	NS	8.23E-02	NS
A_44_P526866	NM_053394	84410	Klf5	Kruppel-like factor 5	1.62E-02	-1.8	7.34E-01	NS	1.37E-01	NS
A_64_P318045	XM_213086				2.24E-02	-1.8	1.88E-01	NS	6.74E-02	NS

A_44_P557673	NM_001107219	305417	Lgi2	leucine-rich repeat LGI family, member 2	4.07E-02	-1.8	2.03E-01	NS	2.15E-01	NS
A_64_P115907	NM_001106096	290921	Gdf2	growth differentiation factor 2	4.84E-02	-1.8	2.30E-01	NS	5.00E-01	NS
A_64_P158903	NM_013153	25694	Has2	hyaluronan synthase 2	1.96E-03	-1.8	5.85E-02	NS	9.20E-01	NS
A_64_P126230	NM_001109655	791259	Car14	carbonic anhydrase 14	2.81E-02	-1.8	1.02E-01	NS	6.90E-02	NS
A_64_P136164	NM_001037154	498847	Pcdhga3	protocadherin gamma subfamily A, 3	4.83E-02	-1.8	5.83E-01	NS	2.30E-02	-1.8
A_64_P045062	NM_001106262	292918	Otog	otogelin	2.05E-02	-1.8	9.88E-01	NS	2.44E-01	NS
A_64_P010234	NM_001109615	690987	Gys1	glycogen synthase 1, muscle	6.11E-03	-1.8	7.11E-02	NS	1.11E-01	NS
A_64_P113692		498834	Myo7b	myosin VIIb	3.74E-03	-1.8	1.61E-01	NS	9.09E-01	NS
A_64_P105620	NM_052799	24598	Nos1	nitric oxide synthase 1, neuronal	1.52E-02	-1.8	2.19E-01	NS	1.67E-01	NS
A_64_P026152	NM_001105734	63995	Dusp10	dual specificity phosphatase 10	7.36E-03	-1.8	6.58E-02	NS	1.06E-01	NS
A_64_P096184	NM_001110139	29693	Atp2a2	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	2.42E-02	-1.8	1.83E-01	NS	1.47E-01	NS
A_64_P158975	NM_001109536	689388	Ptx3	pentraxin related gene	3.93E-02	-1.8	4.39E-01	NS	1.27E-01	NS
A_44_P395928	NM_001037977	304344	Ap4m1	adaptor-related protein complex 4, mu 1 subunit	3.33E-02	-1.8	8.61E-01	NS	9.09E-01	NS
A_44_P436808	NM_001108161	315761	Cilp	cartilage intermediate layer protein, nucleotide pyrophosphohydrolase	3.78E-02	-1.8	4.69E-01	NS	1.08E-01	NS
A_44_P337077	NM_181085	300286	Lhfp1	lipoma HMGIC fusion partner-like 1	2.55E-02	-1.7	7.30E-03	-1.6	1.22E-02	2.3
A_44_P1042876	NM_212504	294254	Hspa1b	heat shock 70kD protein 1B (mapped)	8.74E-03	-1.7	3.10E-01	NS	3.54E-01	NS
A_44_P360629	NM_001000030	287501	Olr1498	olfactory receptor 1498	4.15E-03	-1.7	7.43E-01	NS	3.59E-01	NS
A_64_P048106	XM_002726363	500037	Foxp2	forkhead box P2	1.66E-02	-1.7	6.14E-01	NS	5.53E-01	NS
A_64_P038437	XM_233371				2.28E-02	-1.7	4.73E-01	NS	7.45E-02	NS
A_64_P124701	NM_001106074	290655	Crif1	cytokine receptor-like factor 1	4.21E-02	-1.7	1.29E-01	NS	5.72E-02	NS
A_64_P111225	NM_001033072	500959	LOC500959	triosephosphate isomerase	3.01E-02	-1.7	5.18E-02	NS	3.02E-02	2.3
A_64_P035397	XM_001066959	365298	Alpk3	alpha-kinase 3	3.91E-02	-1.7	1.20E-01	NS	3.28E-01	NS
A_64_P000895	XM_001076338	686921	LOC686921	hypothetical protein LOC686921	1.79E-02	-1.7	3.83E-01	NS	3.67E-01	NS
A_64_P041521	NM_012945	25433	Hbgef	heparin-binding EGF-like growth factor	2.32E-02	-1.7	9.77E-01	NS	7.38E-01	NS
A_44_P263117	NM_001107082	303828	Etv5	ets variant 5	3.50E-02	-1.7	9.07E-01	NS	9.57E-01	NS
A_64_P084643	NM_001109388	680039	LOC680039	hypothetical protein LOC680039	4.94E-02	-1.7	8.24E-01	NS	7.29E-01	NS
A_64_P246032	J04197	24638	Pfkfb1	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1	8.87E-03	-1.7	3.56E-02	-1.5	7.63E-02	NS
A_44_P534753	NM_001105800	287457	Zmynd15	zinc finger, MYND-type containing 15	1.11E-02	-1.7	1.20E-02	-1.5	4.71E-01	NS
A_64_P027625	NM_031765	83574	Rxrg	retinoid X receptor gamma	2.93E-02	-1.7	6.68E-02	NS	9.13E-02	NS
A_64_P114638	NM_130431	161476	Hspb2	heat shock protein beta 2	9.64E-03	-1.7	4.93E-02	-1.5	7.64E-02	NS
A_64_P017871	NM_001000605	404794	Olr782	olfactory receptor 782	2.37E-02	-1.7	8.14E-01	NS	4.09E-02	-1.4
A_64_P129273	NM_001105871	288025	Hrasls	HRAS-like suppressor	4.55E-02	-1.7	1.03E-01	NS	1.23E-01	NS
A_64_P019037	NM_001013886	291081	Tubb2b	tubulin, beta 2b	2.89E-02	-1.7	9.56E-02	NS	3.30E-01	NS
A_64_P007268	NM_001003710	445269	Gpr77	G protein-coupled receptor 77	3.28E-02	-1.7	2.82E-01	NS	3.93E-01	NS
A_44_P388072	XM_001054467				1.24E-02	-1.7	1.87E-01	NS	2.27E-02	1.8
A_44_P229430	XM_001060407	310005	Aggf1	angiogenic factor with G patch and FHA domains 1	4.18E-02	-1.7	1.87E-01	NS	8.26E-02	NS
A_44_P867671	XM_226468	292017	Hydin	hydrocephalus inducing	1.90E-02	-1.7	4.86E-01	NS	2.72E-01	NS
A_64_P030025	NM_001106484	295649	Fign	fidgetin	2.88E-02	-1.7	7.91E-01	NS	4.30E-01	NS
A_42_P572123	NM_031648	58971	Fxyd1	FXFD domain-containing ion transport regulator 1	1.89E-02	-1.7	7.72E-02	NS	1.04E-01	NS
A_44_P527795	NM_001108125	315427	Sesn3	sestrin 3	1.13E-02	-1.7	5.07E-01	NS	4.49E-03	-1.5
A_43_P10303	NM_001109200	499818	Ppp1r1c	protein phosphatase 1, regulatory (inhibitor) subunit 1C	4.50E-02	-1.7	1.86E-01	NS	9.04E-02	NS
A_64_P127572	NM_001107225	305438	Sorcs2	sortilin-related VPS10 domain containing receptor 2	3.75E-02	-1.7	2.15E-01	NS	3.36E-01	NS
A_64_P000849	XM_001079575	304485	RGD1310788	similar to RIKEN cDNA 0610039P13	4.23E-03	-1.7	4.48E-01	NS	5.38E-01	NS
A_44_P928825	XM_001065601	498638	Msr1	macrophage scavenger receptor 1	2.67E-02	-1.7	1.90E-01	NS	5.84E-01	NS
A_44_P903850	NM_001042621	365865	Pip5k1a	phosphatidylinositol-4-phosphate 5-kinase, type 1, alpha	2.61E-02	-1.7	4.16E-01	NS	1.99E-01	NS
A_44_P117119	NM_001014068	313521	Hpd1	4-hydroxyphenylpyruvate dioxygenase-like	7.30E-03	-1.7	3.61E-01	NS	7.21E-01	NS
A_43_P22351	NM_001024968	288454	Slc46a3	solute carrier family 46, member 3	3.82E-02	-1.7	6.30E-01	NS	2.62E-02	2.2
A_64_P018206	NM_001135833	287751	Lyzl6	lysozyme-like 6	1.49E-02	-1.7	9.15E-01	NS	2.91E-01	NS
A_64_P009678	NM_001107810	311726	Pcmt2	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 2	4.79E-02	-1.7	6.51E-01	NS	6.08E-02	NS

A_42_P682589	NM_024388	79240	Nr4a1	nuclear receptor subfamily 4, group A, member 1	3.39E-02	-1.7	1.63E-01	NS	5.87E-02	NS
A_64_P061345	NM_001108719	362768	Ttc7b	tetratricopeptide repeat domain 7B	3.48E-02	-1.7	3.35E-01	NS	1.51E-01	NS
A_43_P10061	NM_0011134699	690586	Ankrd40	ankyrin repeat domain 40	4.27E-02	-1.7	2.39E-01	NS	3.35E-01	NS
A_43_P12586	NM_031557	25527	Ptgis	prostaglandin I2 (prostacyclin) synthase	8.16E-03	-1.7	4.53E-02	-1.3	2.18E-01	NS
A_44_P271941	NM_001106016	289736	Morc2	MORC family CW-type zinc finger 2	3.97E-02	-1.7	3.58E-01	NS	4.42E-01	NS
A_64_P005659	NR_003722	366057	Gapdh-ps1	glyceraldehyde-3-phosphate dehydrogenase, pseudogene 1	3.64E-02	-1.7	5.89E-02	NS	1.63E-01	NS
A_43_P21256	NM_001083966	309812	Rev3l	REV3-like, catalytic subunit of DNA polymerase zeta (yeast)	1.94E-02	-1.7	8.60E-01	NS	1.44E-01	NS
A_64_P103615	NM_001107179	304816	Lmod1	leiomodulin 1 (smooth muscle)	1.56E-02	-1.7	9.16E-02	NS	1.37E-01	NS
A_44_P168514	XM_001058915	310250	Zfx4	zinc finger homeobox 4	3.65E-02	-1.7	1.96E-01	NS	4.97E-02	2.0
A_42_P594228	XM_221100	303638	Abca8a	ATP-binding cassette, sub-family A (ABC1), member 8a	1.19E-02	-1.7	5.77E-02	NS	8.62E-02	NS
A_64_P047416	NM_001109501	688429	Arhgap10	Rho GTPase activating protein 10	3.35E-02	-1.7	3.83E-02	-1.3	9.14E-02	NS
A_64_P120912	NM_001109599	690528	Pou2af1	POU class 2 associating factor 1	2.87E-02	-1.7	2.84E-01	NS	2.64E-01	NS
A_43_P14911	NM_031512	24494	Il1b	interleukin 1 beta	1.56E-02	-1.7	9.17E-01	NS	6.94E-01	NS
A_64_P031016	NM_001037197	309429	Kank1	KN motif and ankyrin repeat domains 1	4.35E-02	-1.7	5.70E-01	NS	1.53E-01	NS
A_64_P070002	XM_233699				4.00E-02	-1.7	2.32E-01	NS	2.38E-02	2.2
A_64_P151226	NM_001012034	305235	Art3	ADP-ribosyltransferase 3	4.96E-02	-1.7	8.33E-02	NS	1.04E-01	NS
A_44_P567088	NM_001008354	311903	Mrrf	mitochondrial ribosome recycling factor	2.40E-02	-1.7	7.24E-02	NS	8.98E-02	NS
A_44_P227221	XR_086188	308021	Syde2	synapse defective 1, Rho GTPase, homolog 2 (C. elegans)	1.03E-02	-1.7	5.72E-01	NS	1.10E-01	NS
A_42_P685330	NM_001127531	302671	Ap1s2	adaptor-related protein complex 1, sigma 2 subunit	4.25E-03	-1.7	1.10E-01	NS	8.33E-02	NS
A_64_P104014	NM_013103	25640	Hnf1b	HNF1 homeobox B	3.04E-02	-1.7	3.47E-01	NS	5.32E-01	NS
A_64_P030464	BC168189	415089	Tnxb	tenascin XB	6.19E-03	-1.7	5.19E-02	NS	1.37E-01	NS
A_64_P007847	NM_001047909	689025	Mrps28	mitochondrial ribosomal protein S28	3.04E-03	-1.7	3.74E-01	NS	6.83E-01	NS
A_64_P045578	NM_153471	266712	Rnf40	ring finger protein 40	3.32E-02	-1.7	1.56E-01	NS	6.72E-01	NS
A_44_P179745	NM_031825	83727	Fbn1	fibrillin 1	4.96E-02	-1.7	4.17E-02	-1.5	1.34E-01	NS
A_44_P400520	NM_012866	25337	Nfyc	nuclear transcription factor-Y gamma	2.63E-02	-1.7	3.74E-01	NS	1.50E-01	NS
A_64_P028390	AB008804				3.11E-02	-1.7	8.32E-01	NS	3.90E-02	-1.9
A_64_P029887	XM_001053590	313346	RGD1311849	similar to mKIAA1797 protein	3.89E-02	-1.7	8.51E-02	NS	4.44E-01	NS
A_64_P050099	XM_001069254	502091	RGD1561238	similar to ring finger protein 122 homolog	1.89E-02	-1.7	1.97E-01	NS	6.61E-01	NS
A_44_P500708	NM_001008524	362634	C1qc	complement component 1, q subcomponent, C chain	4.88E-02	-1.7	7.28E-02	NS	4.71E-02	1.5
A_42_P523612	XM_001056692	499497	Mef2c	myocyte enhancer factor 2C	2.00E-02	-1.7	6.23E-02	NS	5.76E-02	NS
A_64_P312700	NM_053740	114559	Arhgef7	Rho guanine nucleotide exchange factor (GEF7)	1.89E-02	-1.7	5.29E-01	NS	2.41E-01	NS
A_64_P029985	NM_001106216	292409	Fpr1	formyl peptide receptor 1	4.56E-03	-1.6	2.87E-01	NS	1.33E-01	NS
A_44_P530253	NM_001029899	301460	Adam23	ADAM metalloproteinase domain 23	6.58E-03	-1.6	1.23E-01	NS	4.37E-01	NS
A_64_P095484	NM_017038	24666	Ppm1a	protein phosphatase 1A, magnesium dependent, alpha isoform	2.22E-02	-1.6	6.77E-02	NS	2.64E-02	1.8
A_64_P114583	XR_085838	313196	RGD1306148	similar to KIAA0368	4.69E-02	-1.6	9.60E-01	NS	3.31E-01	NS
A_44_P158798	NM_053663	114122	Vcan	versican	1.62E-02	-1.6	5.82E-01	NS	4.21E-01	NS
A_64_P013118	XM_237274				4.16E-02	-1.6	5.36E-02	NS	4.28E-02	2.0
A_44_P481667	DV716912				3.20E-02	-1.6	1.46E-01	NS	5.23E-02	NS
A_64_P015922	NM_001107506	308523	Tshz3	teashirt zinc finger homeobox 3	3.75E-02	-1.6	1.59E-02	-2.0	7.40E-01	NS
A_64_P074914	NM_001024264	314615	Prtn3	proteinase 3	2.11E-02	-1.6	5.96E-03	-2.0	8.82E-01	NS
A_42_P463602	NM_001107592	309380	Loxl4	lysyl oxidase-like 4	2.90E-02	-1.6	6.35E-04	-1.7	2.72E-01	NS
A_44_P156589	NM_001136241	246217	Ngef	neuronal guanine nucleotide exchange factor	1.95E-02	-1.6	7.66E-02	NS	7.38E-01	NS
A_43_P12800	NM_053410	84470	Gnpat	glyceronephosphate O-acyltransferase	3.48E-02	-1.6	2.12E-01	NS	2.43E-02	2.5
A_44_P441181	NM_001012118	315039	Osr2	odd-skipped related 2 (Drosophila)	9.90E-03	-1.6	1.18E-02	-1.5	6.49E-02	NS
A_64_P155039	XM_342445	362145	Slc25a12	solute carrier family 25 (mitochondrial carrier, Aralar), member 12	4.36E-02	-1.6	7.79E-02	NS	6.06E-02	NS
A_44_P154112	NM_023991	78975	Prkaa2	protein kinase, AMP-activated, alpha 2 catalytic subunit	1.74E-02	-1.6	4.36E-02	-1.5	1.69E-01	NS

A_44_P182536	NM_134393	171414	Pmfbp1	polyamine modulated factor 1 binding protein 1	3.89E-02	-1.6	5.67E-02	NS	3.47E-01	NS
A_44_P1024065	NM_053450	84580	Hdac5	histone deacetylase 5	2.10E-02	-1.6	4.67E-02	-1.2	7.70E-02	NS
A_64_P037716	NM_001109222	500036	Ppp1r3a	protein phosphatase 1, regulatory (inhibitor) subunit 3A	4.23E-02	-1.6	8.05E-02	NS	2.87E-01	NS
A_44_P431049	NM_053338	83521	Rrad	Ras-related associated with diabetes	1.10E-02	-1.6	1.26E-01	NS	3.36E-01	NS
A_64_P164250	NM_001009968	316940	Spetex-2F	Spetex-2F protein	2.71E-02	-1.6	7.43E-01	NS	8.36E-01	NS
A_44_P790674	XM_573517	498289	Opn3	opsin 3	4.99E-02	-1.6	1.39E-02	1.2	7.11E-01	NS
A_44_P427346	NM_134378	171396	Sulf1	sulfatase 1	7.46E-03	-1.6	4.29E-03	-1.4	2.39E-01	NS
A_44_P871389	NM_001109255	500364	Sspn	sarcospan	8.96E-03	-1.6	1.21E-01	NS	1.41E-01	NS
A_44_P366303	XM_216941	299996	Matn2	matrilin 2	2.47E-02	-1.6	1.31E-01	NS	1.05E-01	NS
A_42_P608713	XM_001066028	85420	Prkcq	protein kinase C, theta	4.29E-02	-1.6	1.25E-01	NS	3.25E-02	2.6
A_44_P105034	NM_012822	25290	Alox5	arachidonate 5-lipoxygenase	4.77E-03	-1.6	4.44E-01	NS	8.46E-02	NS
A_64_P100793	NM_021866	60463	Ccr2	chemokine (C-C motif) receptor 2	6.60E-03	-1.6	5.89E-01	NS	8.06E-01	NS
A_64_P054686	XR_007683				1.55E-02	-1.6	6.65E-02	NS	1.54E-01	NS
A_44_P468380	NM_020094	56817	Kcnp2	Kv channel-interacting protein 2	3.86E-02	-1.6	9.17E-01	NS	4.16E-01	NS
A_64_P127337	NM_023978	78962	Per3	period homolog 3 (Drosophila)	2.25E-02	-1.6	9.65E-01	NS	6.43E-01	NS
A_64_P100788	NM_001034107	312154	Ing3	inhibitor of growth family, member 3	2.69E-02	-1.6	4.61E-01	NS	6.92E-01	NS
A_64_P120280	XM_001077411	310859	Tet2	tet oncogene family member 2	3.37E-02	-1.6	5.37E-01	NS	1.49E-01	NS
A_44_P152237	NM_001025022	362535	RGD1308059	similar to DNA segment, Chr 4, Brigham & Womens Genetics 0951 expressed ankyrin repeat and SOCS box-containing 18	5.00E-02	-1.6	4.35E-02	-1.4	8.89E-02	NS
A_43_P18638	NM_001108231	316614	Asb18		4.75E-02	-1.6	1.68E-02	-1.8	6.37E-01	NS
A_64_P154352	XM_002726524				1.54E-02	-1.6	7.04E-01	NS	2.55E-01	NS
A_64_P133276	NM_001107464	308212	Dact2	dapper, antagonist of beta-catenin, homolog 2 (Xenopus laevis)	8.62E-03	-1.6	2.25E-02	-1.2	2.28E-01	NS
A_42_P633463	NM_053316	50560	Ip6k1	inositol hexakisphosphate kinase 1	4.16E-02	-1.6	9.40E-01	NS	2.37E-01	NS
A_64_P013719	XM_001071643	689685	LOC689685	hypothetical protein LOC689685	3.31E-02	-1.6	6.86E-01	NS	8.24E-01	NS
A_64_P142631	NM_001008310	294807	Rxfp3	relaxin/insulin-like family peptide receptor 3 adaptor-related protein complex 4, beta 1 subunit	2.45E-02	-1.6	1.60E-01	NS	9.56E-04	-2.6
A_44_P173239	NM_001107709	310746	Ap4b1		3.03E-02	-1.6	1.08E-01	NS	1.38E-01	NS
A_64_P049356	XM_001074878	686591	LOC686591	similar to paraneoplastic antigen MA2	3.44E-02	-1.6	9.02E-01	NS	8.87E-01	NS
A_44_P324707	NM_012645	24737	RT1-EC2	RT1 class Ib, locus EC2	2.34E-02	-1.6	5.07E-01	NS	8.06E-02	NS
A_44_P770253	XM_001058869	501128	RGD1565676	similar to regulatory factor X domain containing 1	3.53E-02	-1.6	3.43E-01	NS	4.09E-01	NS
A_44_P539312	NM_001009601	316226	Klc4	kinesin light chain 4	2.86E-02	-1.6	3.28E-01	NS	4.36E-01	NS
A_64_P019545	NM_001108727	362810	Coq10a	coenzyme Q10 homolog A (S. cerevisiae)	3.39E-02	-1.6	1.57E-01	NS	2.46E-02	2.2
A_64_P131111	BC081950				4.26E-02	-1.6	6.66E-02	NS	7.29E-01	NS
A_64_P047496	XM_002727950				2.27E-02	-1.6	8.25E-01	NS	8.54E-01	NS
A_43_P12334	NM_022925	360417	Ptprq	protein tyrosine phosphatase, receptor type, Q	2.76E-02	-1.6	2.84E-01	NS	2.54E-01	NS
A_64_P108674	NM_001109664	292739	RGD1307554	similar to CG16812-PA	4.22E-02	-1.6	6.08E-02	NS	1.21E-01	NS
A_44_P214922	NM_013155	25696	Vldlr	very low density lipoprotein receptor	4.93E-02	-1.6	3.46E-02	-1.6	1.48E-01	NS
A_42_P642575	NM_001048185	298607	Agmat	agmatine ureohydrolase (agmatinase)	3.59E-02	-1.6	4.93E-01	NS	1.73E-01	NS
A_64_P078215	NM_001106960	302656	Frmpd4	FERM and PDZ domain containing 4	4.63E-02	-1.6	6.19E-01	NS	3.21E-01	NS
A_64_P144587	XM_001054584				4.90E-03	-1.6	4.49E-01	NS	4.97E-01	NS
A_42_P772878	NM_001011936	293524	Bag3	Bcl2-associated athanogene 3	3.70E-03	-1.6	1.53E-01	NS	7.58E-02	NS
A_64_P129263	NM_013080	25613	Ptprz1	protein tyrosine phosphatase, receptor-type, Z polypeptide 1	2.96E-02	-1.6	8.56E-01	NS	1.75E-02	2.6
A_43_P15246	NM_012636	24695	Pthlh	parathyroid hormone-like hormone	2.04E-02	-1.6	7.35E-01	NS	2.36E-01	NS
A_64_P018116	XM_001074770	686567	LOC686567	similar to Epiplakin	3.56E-02	-1.6	6.11E-01	NS	1.46E-01	NS
A_44_P320858	NM_017094	25235	Ghr	growth hormone receptor	9.10E-03	-1.6	3.65E-01	NS	1.98E-01	NS
A_64_P003572	NM_001106784	299802	Lgr5	leucine rich repeat containing G protein coupled receptor 5	3.90E-02	-1.6	7.19E-01	NS	4.25E-02	-2.5
A_42_P729743	NM_022005	63847	Fxyd6	FXFD domain-containing ion transport regulator 6	2.53E-02	-1.6	1.53E-01	NS	1.21E-01	NS
A_64_P163633	XR_005869	680774	LOC680774	hypothetical protein LOC680774	1.15E-02	-1.6	6.59E-01	NS	3.67E-01	NS
A_64_P121692	XM_001062273				2.00E-02	-1.6	2.53E-01	NS	7.27E-02	NS
A_44_P450518	NM_001105790	287419	Rangrf	RAN guanine nucleotide release factor	1.95E-02	-1.5	2.67E-01	NS	1.14E-01	NS

A_64_P149482	NM_153722	266762	Mrgprf	MAS-related GPR, member F	3.01E-02	-1.5	1.45E-02	-1.4	9.81E-02	NS
A_43_P18208	NM_001107363	307081	Pitrm1	pitrilysin metallopeptidase 1 similar to Zinc finger protein 44 (Zinc finger protein KOX7) (Gonadotropin-inducible transcription repressor 2) (GIOT-2)	3.03E-02	-1.5	8.61E-01	NS	1.29E-01	NS
A_44_P145152	XR_009217	299558	LOC299558	transcription repressor 2) (GIOT-2)	4.42E-02	-1.5	3.67E-02	-1.5	2.88E-02	2.0
A_44_P248090	NM_001169138	292406	Thbs2	thrombospondin 2	2.60E-02	-1.5	1.43E-01	NS	7.38E-03	2.0
A_64_P038050	NM_001169145	364224	Acyp2	acylphosphatase 2, muscle type	1.33E-02	-1.5	1.13E-01	NS	1.04E-01	NS
A_64_P090851	XM_226153	307579	Znf521	zinc finger protein 521	4.84E-02	-1.5	4.59E-01	NS	5.21E-01	NS
A_44_P290559	NM_001100538	298510	Pabpc4	poly(A) binding protein, cytoplasmic 4	2.00E-02	-1.5	6.68E-02	NS	8.15E-02	NS
A_44_P310596	NM_001014166	361749	Il33	interleukin 33	3.05E-02	-1.5	1.70E-01	NS	2.59E-01	NS
A_44_P992908	NM_031970	24471	Hspb1	heat shock protein 1	1.49E-02	-1.5	3.23E-02	-1.6	1.79E-01	NS
A_43_P15824	NM_031554	25366	Acvr2b	activin A receptor, type IIB	2.82E-02	-1.5	1.28E-01	NS	9.30E-01	NS
A_64_P068598	XR_009333				3.28E-02	-1.5	3.93E-02	-1.5	2.49E-02	1.9
A_64_P051099	NM_001105967	289201	Lmx1a	LIM homeobox transcription factor 1 alpha	1.00E-02	-1.5	3.32E-02	-1.2	8.08E-01	NS
A_64_P012868	NR_024118	25602	Tnxa	tenascin XA musculoskeletal, embryonic nuclear protein 1	2.01E-02	-1.5	5.49E-02	NS	1.72E-01	NS
A_42_P808945	NM_181368	290553	Mustn1		4.58E-02	-1.5	2.22E-01	NS	1.92E-01	NS
A_64_P109719	BF284891				3.05E-02	-1.5	8.19E-01	NS	6.61E-02	NS
A_64_P020627	NM_031623	58844	Grb14	growth factor receptor bound protein 14	2.46E-02	-1.5	1.61E-01	NS	1.10E-01	NS
A_44_P482700	NM_001106225	292597	Tyh1	tweety homolog 1 (Drosophila)	4.16E-02	-1.5	8.37E-01	NS	2.76E-01	NS
A_64_P065857	NM_012888	25360	Tshr	thyroid stimulating hormone receptor guanine nucleotide binding protein, alpha 15	4.52E-02	-1.5	1.53E-01	NS	2.22E-01	NS
A_44_P438060	NM_053542	89788	Gna15		8.55E-03	-1.5	1.21E-01	NS	1.57E-01	NS
A_44_P682992	FM112215	680521	LOC680521	hypothetical protein LOC680521	4.61E-02	-1.5	4.19E-01	NS	2.06E-01	NS
A_42_P549271	NM_001107598	309440	Mrpl43	mitochondrial ribosomal protein L43	2.62E-02	-1.5	3.44E-01	NS	9.03E-02	NS
A_64_P033121	XM_002724808				2.55E-02	-1.5	1.38E-02	-1.3	4.21E-01	NS
A_44_P403458	NM_001108234	316642	Neu4	sialidase 4	3.77E-02	-1.5	7.86E-01	NS	8.35E-01	NS
A_44_P226928	NM_022940	65034	Pdzd2	PDZ domain containing 2	3.11E-02	-1.5	1.57E-01	NS	3.56E-01	NS
A_43_P15620	XM_002726072				3.71E-02	-1.5	1.81E-01	NS	4.24E-01	NS
A_64_P043164	XM_001062865	282583	Fbin2	fibulin 2	1.98E-02	-1.5	2.63E-01	NS	1.41E-01	NS
A_64_P070288	XM_344418				4.18E-02	-1.5	2.31E-02	-1.5	6.19E-02	NS
A_64_P136432	NM_001007757	363496	Armcx6	armadillo repeat containing, X-linked 6 solute carrier family 16 (monocarboxylic acid transporters), member 10	2.89E-02	-1.5	5.67E-01	NS	7.30E-01	NS
A_44_P226315	NM_138831	170566	Slc16a10		3.29E-02	-1.5	1.63E-01	NS	2.60E-01	NS
A_64_P067593	NM_053774	115771	Usp2	ubiquitin specific peptidase 2 CDC42 effector protein (Rho GTPase binding) 1	2.98E-02	-1.5	4.87E-02	-1.3	5.99E-01	NS
A_64_P149461	NM_001079700	315121	Cdc42ep1		2.64E-02	-1.5	2.51E-01	NS	4.30E-01	NS
A_44_P244040	NM_001013924	296462	Gtbp5	GTP binding protein 5	1.94E-02	-1.5	9.93E-01	NS	6.77E-02	NS
A_43_P22048	XM_227694	310859	Tet2	tet oncogene family member 2	3.47E-02	-1.5	3.45E-01	NS	2.02E-01	NS
A_44_P359032	NM_001106694	298575	Pink1	PTEN induced putative kinase 1	1.44E-02	-1.5	4.07E-02	-1.4	7.32E-02	NS
A_64_P165085	NM_001033757	246060	Cdkn1c	cyclin-dependent kinase inhibitor 1C	2.45E-02	-1.5	1.78E-01	NS	1.25E-01	NS
A_64_P031610	XR_085895				3.64E-02	-1.5	1.36E-01	NS	6.96E-01	NS
A_64_P094135	NM_001107374	307249	RGD1308601	similar to hypothetical protein latent transforming growth factor beta binding protein 4	2.27E-02	-1.5	7.01E-01	NS	9.54E-01	NS
A_44_P107535	NM_001170336	292734	Ltbp4		2.45E-02	-1.5	3.65E-01	NS	4.66E-02	2.1
A_44_P443235	NM_001011957	296102	Eli3	elongation factor RNA polymerase II-like 3 similar to Homeobox protein cut-like 2	8.03E-03	-1.5	3.43E-01	NS	1.49E-01	NS
A_64_P012877	XM_222184	688301	LOC688301	(Homeobox protein Cux-2) (Cut-like 2)	7.37E-03	-1.5	3.91E-01	NS	2.68E-01	NS
A_44_P1007841	XM_002724759				3.17E-02	-1.5	6.43E-01	NS	4.42E-01	NS
A_64_P133479	NM_001006984	299738	Vezt	vezatin, adherens junctions transmembrane protein	9.02E-03	-1.5	4.62E-02	-1.3	6.76E-02	NS
A_44_P159355	XM_342878	362559	Zyg11b	zyg-11 homolog B (C. elegans)	1.19E-02	-1.5	5.39E-02	NS	2.17E-01	NS
A_64_P002156	NM_053453	84583	Rgs2	regulator of G-protein signaling 2	3.42E-02	-1.5	5.76E-01	NS	5.20E-01	NS
A_64_P235751	NM_001100538	298510	Pabpc4	poly(A) binding protein, cytoplasmic 4	3.21E-02	-1.5	1.04E-01	NS	9.16E-02	NS
A_64_P005744	XM_215252				4.09E-02	-1.5	8.46E-03	-1.5	5.24E-02	NS
A_64_P069051	NM_012800	25265	P2ry1	purinergic receptor P2Y, G-protein coupled, 1	3.41E-02	-1.5	1.31E-01	NS	3.48E-02	2.5
A_44_P245616	XM_213954	25494	Nid1	nidogen 1	3.96E-02	-1.5	6.81E-02	NS	8.96E-01	NS
A_44_P392234	NM_022182	29348	Fgf7	fibroblast growth factor 7	2.62E-02	-1.5	5.84E-01	NS	1.53E-01	NS

A_42_P619926	NM_001106578	296787	Sema3c	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	7.43E-03	-1.5	1.16E-01	NS	4.94E-01	NS
A_64_P098374	NM_001107980	313589	Rspo1	R-spondin homolog (Xenopus laevis)	2.73E-02	-1.5	4.04E-02	-1.3	9.25E-02	NS
A_64_P061797	NM_013198	25750	Maob	monoamine oxidase B	2.43E-02	-1.5	5.09E-01	NS	6.44E-01	NS
A_64_P162743	NM_001014124	360699	Dnajc28	DnaJ (Hsp40) homolog, subfamily C, member 28	1.43E-02	-1.5	8.75E-01	NS	3.49E-02	1.7
A_44_P545867	NM_001105934	288702	Unc119b	unc-119 homolog B (C. elegans)	3.33E-02	-1.5	8.00E-01	NS	3.62E-02	-1.4
A_44_P302675	NM_001107036	303413	Mpo	myeloperoxidase	4.50E-02	-1.5	9.58E-01	NS	4.08E-01	NS
A_64_P027634	NM_001000223	293421	Olr285	olfactory receptor 285	7.05E-03	-1.5	6.38E-01	NS	3.06E-01	NS
A_64_P053124	XM_002725502	690948	LOC690948	similar to paired-Ig-like receptor A11	4.21E-02	-1.5	1.77E-01	NS	3.82E-01	NS
A_64_P083913	NM_053396	84420	Adcy7	adenylate cyclase 7	4.78E-02	-1.5	6.53E-01	NS	5.98E-02	NS
A_64_P052101	NM_001047877	303631	Arsf	arylsulfatase G	4.59E-02	-1.5	1.71E-01	NS	1.84E-01	NS
A_64_P001580	XR_009033	686785	LOC686785	similar to N-acetyltransferase, homolog of S. cerevisiae ARD1	2.84E-02	-1.5	8.07E-01	NS	1.02E-02	1.7
A_64_P125130	XM_001079317	691700	LOC691700	similar to heparan sulfate D-glucosaminyl 3-O-sulfotransferase 4	1.80E-02	-1.5	5.82E-01	NS	4.19E-01	NS
A_64_P086096	NM_001013039	259167	Art5	ADP-ribosyltransferase 5	8.92E-03	-1.5	1.20E-01	NS	3.86E-01	NS
A_64_P160338	NM_001106149	291608	RGD1563060	similar to AVLV472	2.61E-02	-1.5	7.10E-02	NS	1.28E-01	NS
A_64_P078423	XM_001078533	500286	RGD1562010	similar to Fls485 protein	2.84E-02	-1.5	6.71E-01	NS	2.06E-02	-1.8
A_64_P165137	NM_001109438	681287	Map7d1	MAP7 domain containing 1 chaperonin containing Tcp1, subunit 4 (delta)	1.88E-02	-1.5	8.41E-02	NS	5.43E-02	NS
A_44_P262192	NM_182814	29374	Cct4	thyroid hormone receptor interactor 10	2.02E-02	-1.5	6.54E-01	NS	3.94E-02	1.9
A_44_P238257	NM_053920	116717	Trip10	D site of albumin promoter (albumin D-box) binding protein	6.60E-03	-1.5	1.58E-03	-1.3	1.28E-01	NS
A_64_P049828	NM_012543	24309	Dbp	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1b	2.38E-02	-1.5	1.07E-01	NS	4.23E-01	NS
A_64_P131903	NM_001107496	308468	Dyrk1b	glucocorticoid modulatory element binding protein 2	2.77E-02	-1.5	4.27E-02	-1.6	2.05E-01	NS
A_64_P058477	NM_031803	83635	Gmeb2	protein 2	1.68E-02	-1.5	9.81E-01	NS	1.37E-01	NS
A_43_P12426	NM_024369	79210	Fstl1	folliculin-like 1	4.11E-02	-1.5	2.32E-01	NS	3.53E-01	NS
A_64_P118499	XM_001068622				1.47E-02	-1.5	6.21E-01	NS	5.11E-01	NS
A_44_P267415	NM_001108428	361312	RGD1563159	RGD1563159	2.10E-02	-1.5	5.79E-02	NS	6.15E-01	NS
A_64_P030829	NM_001109501	688429	Arhgap10	Rho GTPase activating protein 10	1.84E-02	-1.5	1.08E-01	NS	4.01E-02	1.7
A_42_P625531	NM_001107985	313610	Extl1	exostosin (multiple)-like 1	2.99E-02	-1.5	2.66E-02	-1.3	2.66E-01	NS
A_64_P065200	NM_001044300	690899	MGC112715	platelet receptor G24	1.04E-02	-1.5	9.03E-02	NS	2.50E-01	NS
A_64_P043010	XM_219933	293985	Cyp2c79	cytochrome P450, family 2, subfamily c, polypeptide 79	4.75E-02	-1.5	9.30E-01	NS	9.34E-01	NS
A_44_P482595	NM_053796	116479	F11r	F11 receptor	4.73E-02	-1.5	1.61E-01	NS	7.98E-01	NS
A_44_P291071	NM_001106834	300807	Rora	RAR-related orphan receptor A	1.31E-02	-1.4	1.89E-01	NS	7.66E-01	NS
A_64_P151146	NM_001034130	296936	Iqub	IQ motif and ubiquitin domain containing	8.93E-03	-1.4	9.15E-01	NS	2.68E-02	1.8
A_64_P132109	FQ225308				2.16E-02	-1.4	1.57E-01	NS	1.39E-01	NS
A_44_P380070	NM_001008851	414787	RT1-M10-1	RT1 class I, locus M10, gene 1 solute carrier family 4, sodium bicarbonate transporter, member 10	4.65E-02	-1.4	2.88E-01	NS	3.84E-01	NS
A_64_P174001	NM_178092	295645	Slc4a10	chloride channel Kb	1.39E-02	-1.4	1.07E-01	NS	1.56E-01	NS
A_64_P011544	NM_173103	79430	Clnkb		2.70E-02	-1.4	7.13E-01	NS	1.22E-01	NS
A_44_P958051	FQ222842				3.03E-02	-1.4	8.46E-01	NS	1.26E-01	NS
A_44_P241541	NM_001017458	314683	Tcp11i2	t-complex 11 (mouse) like 2	3.64E-02	-1.4	6.72E-01	NS	7.75E-02	NS
A_44_P222475	NM_001014248	365493	RGD1308127	similar to 2700078E11Rik protein	3.97E-02	-1.4	9.41E-01	NS	1.05E-01	NS
A_44_P764174	NM_001014843	548326	Faim3	Fas apoptotic inhibitory molecule 3	1.55E-02	-1.4	6.24E-01	NS	4.63E-01	NS
A_64_P159952	NM_019123	29758	St6galnac3	ST6 (alpha-N-acetylneuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3	1.12E-02	-1.4	8.22E-02	NS	1.80E-01	NS
A_44_P468879	NM_001007798	367901	Btk	Bruton agammaglobulinemia tyrosine kinase	2.04E-02	-1.4	7.71E-01	NS	1.87E-01	NS
A_64_P130977	NM_001012179	361927	Fxr1	fragile X mental retardation, autosomal homolog 1	3.20E-02	-1.4	1.48E-01	NS	1.13E-01	NS
A_42_P815675	NM_001108394	361104	Zcchc24	zinc finger, CCHC domain containing 24	4.07E-02	-1.4	7.50E-03	-1.5	7.89E-02	NS

A_44_P1000653	NM_031531	24795	Serpina3n	serine (or cysteine) peptidase inhibitor, clade A, member 3N	4.12E-02	-1.4	1.98E-01	NS	4.35E-01	NS
A_64_P065947	NM_031138	81816	Ube2b	ubiquitin-conjugating enzyme E2B (RAD6 homolog, <i>S. cerevisiae</i>)	9.19E-03	-1.4	8.76E-02	NS	2.00E-01	NS
A_64_P144401	XM_001063390	305940	Sacs	spastic ataxia of Charlevoix-Saguenay (sacsin)	2.53E-02	-1.4	1.54E-01	NS	8.56E-02	NS
A_44_P668313	XR_085898	315732	RGD1560011	similar to Nuclear membrane binding protein NUCLING	3.80E-02	-1.4	1.85E-01	NS	6.44E-02	NS
A_44_P548065	NM_031535	24888	Bcl2l1	Bcl2-like 1	3.05E-02	-1.4	2.94E-01	NS	8.94E-02	NS
A_44_P177465	AJ131902	85246	Gas7	growth arrest specific 7	4.46E-03	-1.4	7.82E-01	NS	8.36E-01	NS
A_64_P086259	NM_001100671	298757	Ati2	atlastin GTPase 2	1.89E-02	-1.4	3.69E-01	NS	9.20E-03	1.9
A_44_P188280	NM_012492	24176	Adrb2	adrenergic, beta-2-, receptor, surface	3.40E-02	-1.4	3.41E-02	-1.4	1.23E-01	NS
A_44_P355850	NM_139115	245982	Coro6	coronin 6	2.30E-02	-1.4	7.14E-03	-1.4	4.59E-02	1.9
A_64_P019370	XM_340932				4.79E-02	-1.4	5.83E-03	1.5	1.84E-01	NS
A_44_P304825	XR_008128				3.28E-02	-1.4	9.47E-01	NS	1.20E-01	NS
A_64_P203665	BC166501				1.43E-02	-1.4	5.88E-04	-1.4	7.49E-01	NS
A_64_P149193	NM_001107355	306991	RGD1560511	similar to Vps41 protein chromodomain protein, Y chromosome-like 2	3.92E-02	-1.4	1.91E-01	NS	2.96E-01	NS
A_44_P196922	NM_001106189	292044	Cdyl2	calcium/calmodulin-dependent protein kinase II delta	3.96E-02	-1.4	7.99E-01	NS	3.25E-01	NS
A_64_P158505	NM_012519	24246	Camk2d	platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)	3.29E-02	-1.4	2.11E-01	NS	3.84E-02	-1.4
A_64_P086538	NM_031524	24628	Pdgfb	activation-induced cytidine deaminase	4.85E-02	-1.4	8.36E-01	NS	3.53E-03	2.2
A_64_P113483	NM_001100779	399679	aicda	period homolog 1 (<i>Drosophila</i>)	3.81E-02	-1.4	5.60E-01	NS	1.57E-02	-2.1
A_64_P300243	NM_001034125	287422	Per1	RT1 class II, locus Db1	4.10E-02	-1.4	8.16E-01	NS	2.39E-01	NS
A_64_P130578	NM_001008884	294270	RT1-Db1	protein kinase C, beta	3.04E-02	-1.4	4.54E-01	NS	7.93E-01	NS
A_64_P019599	NM_012713	25023	Prkcb	ral guanine nucleotide dissociation stimulator	2.44E-02	-1.4	8.23E-01	NS	8.32E-01	NS
A_44_P339818	NM_019250	29622	Ralgds	tolerance-associated gene 1	2.05E-02	-1.4	5.17E-01	NS	4.97E-01	NS
A_44_P335703	NM_001110838	363169	Toag1	dual specificity phosphatase 8	2.90E-02	-1.4	5.69E-03	-1.2	2.46E-01	NS
A_64_P055428	NM_001108510	361679	Dusp8	ubiquitin specific peptidase 32	3.91E-02	-1.4	3.63E-02	-1.6	5.30E-01	NS
A_44_P255934	NM_001107032	303394	Usp32		3.49E-02	-1.4	2.68E-01	NS	1.96E-01	NS
A_64_P349856	BC169047				4.04E-02	-1.4	7.57E-02	NS	1.27E-01	NS
A_64_P066841	NM_021865	60462	Batf3	basic leucine zipper transcription factor, ATF-like 3	4.47E-02	-1.4	3.17E-01	NS	5.04E-01	NS
A_44_P1004781	XM_001056227				4.49E-02	-1.4	5.61E-02	NS	4.43E-01	NS
A_64_P157884	NM_001108589	362197	Mapkbp1	mitogen activated protein kinase binding protein 1	4.45E-02	-1.4	6.89E-01	NS	9.09E-01	NS
A_44_P289173	NM_001031813	361180	Grtp1	growth hormone regulated TBC protein 1	3.83E-02	-1.4	1.83E-01	NS	2.80E-01	NS
A_44_P1010087	NM_012581	24452	Hoxa2	homeo box A2	2.87E-02	-1.4	1.47E-02	-1.3	6.43E-02	NS
A_64_P049827	NM_012543	24309	Dbp	D site of albumin promoter (albumin D-box) binding protein	4.92E-02	-1.4	2.32E-01	NS	7.26E-01	NS
A_64_P152873	XM_001077526	315163	RGD1563996	similar to Protein UNQ9166/PRO28631 precursor	2.63E-02	-1.4	7.38E-01	NS	2.14E-01	NS
A_42_P673370	NM_022922	24849	Tpi1	triosephosphate isomerase 1	3.85E-02	-1.4	2.17E-02	-1.6	1.37E-01	NS
A_64_P084786	XM_001064981	310256	RGD1561499	similar to leucine rich repeat containing 31	3.73E-02	-1.4	6.59E-01	NS	3.35E-02	-2.5
A_44_P192360	NM_001039914	297968	Akirin2	akirin 2	4.86E-02	-1.4	9.98E-01	NS	3.34E-02	1.7
A_43_P13418	NM_172042	170899	Kcnk2	potassium channel, subfamily K, member 2	3.57E-02	-1.4	1.87E-01	NS	8.04E-02	NS
A_42_P625419	XM_221535	304020	RGD1565927	similar to 4631422O05Rik protein	2.70E-02	-1.4	1.52E-02	-1.4	2.00E-01	NS
A_64_P013226	NM_001025420	361680	Lsp1	lymphocyte-specific protein 1	1.97E-02	-1.4	2.67E-01	NS	1.16E-01	NS
A_64_P013549	NM_001127653	364418	Nkx2-6	NK2 transcription factor related, locus 6 (<i>Drosophila</i>)	4.22E-02	-1.4	1.95E-01	NS	5.80E-01	NS
A_44_P971189	EV768969				3.47E-02	-1.4	9.83E-01	NS	4.37E-02	1.9
A_64_P048379	NM_023025	65210	Cyp2j4	cytochrome P450, family 2, subfamily j, polypeptide 4	1.19E-02	-1.4	5.41E-02	NS	7.78E-01	NS
A_64_P066404	NM_001108438	361364	Dok4	docking protein 4	2.71E-02	-1.4	2.52E-01	NS	9.13E-01	NS
A_44_P603986	AI407942				4.84E-02	-1.4	1.67E-01	NS	2.17E-01	NS

A_44_P503996	NM_001135872	311987	Rsbn1l	round spermatid basic protein 1-like	2.48E-02	-1.4	1.67E-01	NS	8.70E-02	NS
A_64_P082653	BC085710				3.25E-02	-1.4	3.29E-01	NS	4.64E-01	NS
A_44_P726568	XM_001055793	362524	Ptpn3	protein tyrosine phosphatase, non-receptor type 3	3.38E-02	-1.4	4.21E-01	NS	5.52E-02	NS
A_42_P715070	NM_001105725	29157	Ccng2	cyclin G2	3.67E-02	-1.4	4.04E-01	NS	1.33E-02	1.9
A_42_P624905	XM_001054594	317508	Map7d2	MAP7 domain containing 2	5.35E-03	-1.4	9.54E-01	NS	9.32E-01	NS
A_42_P653257	NM_145683	246781	Ptpn7	protein tyrosine phosphatase, non-receptor type 7	4.44E-02	-1.4	5.52E-01	NS	5.10E-01	NS
A_64_P093068	AY310156				4.08E-02	-1.4	6.58E-01	NS	6.26E-01	NS
A_64_P176343	XM_219045				2.80E-02	-1.4	4.83E-01	NS	6.28E-01	NS
A_44_P206550	NM_001100494	287447	Dullard	Dullard homolog (Xenopus laevis)	3.11E-02	-1.4	2.35E-01	NS	1.35E-01	NS
A_44_P945404	NM_001109425	680717	Znf703	zinc finger protein 703	2.38E-02	-1.4	4.87E-02	-1.3	4.61E-02	1.4
A_64_P035790	NM_001000642	404835	Olr646	olfactory receptor 646	2.41E-02	-1.4	6.00E-01	NS	1.62E-01	NS
A_64_P022363	XM_001062816				1.86E-02	-1.3	4.00E-01	NS	9.35E-01	NS
A_64_P024486	NM_001109301	501097	RGD1560271	similar to inhibitor of MyoD family-a	4.44E-02	-1.3	2.07E-01	NS	6.07E-02	NS
A_44_P999395	NM_001013950	300215	Lmbr1l	limb region 1-like homolog (mouse)	3.06E-02	-1.3	1.76E-01	NS	8.30E-01	NS
A_44_P1011038	NM_001044259	498959	Fbxo31	F-box protein 31	4.08E-02	-1.3	9.98E-02	NS	1.36E-01	NS
A_64_P071983	NM_001012072	309513	Ppp1r3c	subunit 3C	2.61E-02	-1.3	9.13E-02	NS	1.10E-01	NS
A_64_P022320	NM_172323	282821	Has1	hyaluronan synthase 1	3.70E-02	-1.3	7.57E-02	NS	9.16E-01	NS
A_44_P492543	NM_001014096	315953	Cldn18	claudin 18	4.29E-02	-1.3	7.53E-02	NS	1.83E-01	NS
A_64_P016810	NM_001108076	314654	Myo1f	myosin IF	4.59E-02	-1.3	1.82E-01	NS	4.28E-01	NS
A_44_P349844	XM_221023				3.60E-02	-1.3	4.75E-01	NS	2.98E-01	NS
A_64_P133967	NM_033352	84356	Abcd2	ATP-binding cassette, sub-family D (ALD), member 2	4.97E-02	-1.3	9.80E-02	NS	1.26E-01	NS
A_44_P549494	NM_013069	25599	Cd74	Cd74 molecule, major histocompatibility complex, class II invariant chain	2.80E-02	-1.3	5.99E-01	NS	8.94E-01	NS
A_44_P542390	NM_019140	25529	Ptprs	protein tyrosine phosphatase, receptor type, S	3.48E-02	-1.3	2.76E-01	NS	1.28E-01	NS
A_42_P655620	FQ213594				1.45E-02	-1.3	9.65E-01	NS	1.28E-02	1.7
A_64_P119407	NM_023978	78962	Per3	period homolog 3 (Drosophila)	1.99E-02	-1.3	6.39E-01	NS	2.39E-01	NS
A_44_P339862	NM_001106852	300974	Mrp13	mitochondrial ribosomal protein L3	4.28E-02	-1.3	7.32E-01	NS	9.02E-02	NS
A_64_P065483	NM_001012106	313702	Mad2l2	MAD2 mitotic arrest deficient-like 2 (yeast)	4.84E-02	-1.3	1.57E-01	NS	5.01E-01	NS
A_64_P038822	NM_001008846	365542	RT1-DOb	RT1 class II, locus DOb	4.06E-02	-1.3	3.04E-01	NS	2.14E-02	-1.3
A_44_P269085	NM_024354	25590	Chra4	cholinergic receptor, nicotinic, alpha 4	3.41E-02	-1.3	3.99E-01	NS	7.81E-02	NS
A_42_P828547	NM_133611	171147	Slc2a13	solute carrier family 2 (facilitated glucose transporter), member 13	4.04E-02	-1.3	4.63E-01	NS	6.58E-01	NS
A_64_P030654	NM_017128	29200	Inhba	inhibin beta-A	3.86E-02	-1.3	4.49E-02	-1.3	5.91E-01	NS
A_64_P132516	NM_031831	83765	Rtn4	reticulon 4	4.86E-02	-1.3	5.99E-02	NS	2.45E-01	NS
A_64_P038847	X62889				4.91E-02	-1.3	7.22E-01	NS	4.77E-01	NS
A_44_P430345	NM_001030041	363026	Carm1	coactivator-associated arginine methyltransferase 1	4.02E-02	-1.3	9.09E-02	NS	6.89E-02	NS
A_64_P001799	NM_001109270	500563	Grrp1	glycine/arginine rich protein 1	2.91E-02	-1.3	3.27E-01	NS	3.73E-01	NS
A_64_P082217	XM_001061747	117253	Dnah11	dynein, axonemal, heavy chain 11	3.74E-02	-1.3	2.16E-01	NS	3.51E-01	NS
A_44_P306810	NM_001106331	293704	Trpt1	tRNA phosphotransferase 1	3.00E-02	-1.3	7.37E-02	NS	6.25E-02	NS
A_64_P150187	XM_343468	363133	Pcbp4	poly(rC) binding protein 4	4.86E-02	-1.3	8.86E-01	NS	4.96E-01	NS
A_64_P085926	NM_030860	81518	Mef2d	myocyte enhancer factor 2D	2.87E-02	-1.3	2.37E-02	-1.3	4.78E-02	1.5
A_64_P076725	NM_001107587	309349	Slitrk2	SLIT and NTRK-like family, member 2	4.07E-02	-1.3	2.01E-01	NS	1.01E-01	NS
A_44_P180229	XM_002724808	288589	RGD1565457	similar to Rasa4 protein	4.63E-02	-1.3	1.05E-01	NS	2.34E-01	NS
A_44_P149352	NM_017327	50664	Gnao1	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O	4.52E-02	-1.2	8.77E-02	NS	5.61E-01	NS
A_44_P1046697	NM_001128079	363249	Ctdsp1	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1	3.86E-02	-1.2	6.75E-01	NS	3.39E-01	NS
A_64_P094065	NM_012773	498549	Akap11	A kinase (PRKA) anchor protein 11	4.86E-02	-1.2	6.05E-02	NS	6.62E-02	NS
A_42_P624382	NM_138899	192260	Cdipt	CDP-diacylglycerol--inositol 3-phosphatidyltransferase (phosphatidylinositol synthase)	4.32E-02	1.2	3.24E-01	NS	2.50E-02	-1.4

A_64_P135813	NM_001004233	296988	Mkm1	makorin ring finger protein 1	4.85E-02	1.2	1.76E-01	NS	2.83E-01	NS
A_64_P142086	XR_008781			protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)	4.93E-02	1.2	1.59E-01	NS	3.04E-01	NS
A_44_P300965	XM_218949	308845	Prkrir		3.96E-02	1.2	3.08E-01	NS	1.59E-01	NS
A_64_P030904	NM_001107023	303337	Rab11fip4	RAB11 family interacting protein 4 (class II)	3.78E-02	1.2	6.24E-01	NS	3.67E-01	NS
A_64_P138346	XR_008831				2.33E-02	1.2	2.44E-02	1.2	9.62E-02	NS
A_44_P391986	NM_001034112	360631	Mlx	MAX-like protein X exportin, tRNA (nuclear export receptor for tRNAs)	3.95E-02	1.3	3.64E-02	1.2	7.05E-01	NS
A_64_P262041	NM_001108102	314879	Xpot	protein phosphatase 1, regulatory (inhibitor) subunit 12C	3.98E-02	1.3	4.51E-01	NS	1.14E-02	-1.5
A_44_P339202	XM_574359	499076	Ppp1r12c		4.74E-02	1.3	2.52E-01	NS	5.27E-01	NS
A_64_P111594	XM_001078937				2.73E-02	1.3	1.18E-01	NS	1.86E-01	NS
A_64_P062123	NM_001108521	361739	Tmc1	transmembrane channel-like 1	4.15E-02	1.3	7.22E-01	NS	8.55E-01	NS
A_44_P652332	NM_001025023	362557	Tmem48	transmembrane protein 48	3.60E-02	1.3	1.23E-01	NS	9.09E-01	NS
A_64_P085004	NM_023992	78976	Kiss1r	KISS1 receptor	3.10E-02	1.3	4.61E-01	NS	3.10E-01	NS
A_64_P061855	NM_001130494	300057	Recq4	RecQ protein-like 4	3.15E-02	1.3	5.81E-01	NS	6.65E-01	NS
A_44_P513193	NM_012793	25257	Gamt	guanidinoacetate N-methyltransferase	2.10E-02	1.3	6.16E-01	NS	3.03E-01	NS
A_44_P166206	NM_001024260	311111	Nostrin	nitric oxide synthase trafficker	2.73E-02	1.3	8.76E-01	NS	6.53E-01	NS
A_42_P789283	NM_053463	84595	Nucb1	nucleobindin 1	4.54E-02	1.3	1.17E-01	NS	6.21E-01	NS
A_43_P22519	NM_001105820	287557	Spaca3	sperm acrosome associated 3 similar to pyridoxal (pyridoxine, vitamin B6) kinase	3.43E-02	1.3	8.14E-02	NS	5.42E-01	NS
A_64_P273084	XM_342112	361819	RGD1566085		3.11E-02	1.3	2.33E-02	1.4	7.55E-02	NS
A_42_P568916	NM_001013881	290669	Gatad2a	GATA zinc finger domain containing 2A	2.19E-02	1.3	2.74E-01	NS	8.70E-01	NS
A_64_P056689	XM_001071473			TRAF domain and POZ/BTB containing protein T1-like	4.89E-02	1.3	1.20E-01	NS	8.32E-01	NS
A_64_P002602	XM_002725996	100365687	LOC100365687		1.98E-02	1.3	1.09E-01	NS	3.15E-01	NS
A_64_P074240	XM_002725745				4.71E-02	1.3	9.97E-02	NS	3.25E-01	NS
A_64_P003937	NM_173111	117557	Tpm3	tropomyosin 3, gamma similar to Hypothetical UPF0184 protein	3.52E-02	1.3	8.96E-03	1.2	3.92E-01	NS
A_42_P472520	XM_575113	499780	RGD1561113	C9orf16 homolog	2.27E-02	1.3	1.16E-01	NS	2.44E-01	NS
A_64_P047371	NM_001109423	680615	Hist1h2ak	histone cluster 1, H2ak	3.28E-02	1.3	1.43E-01	NS	8.97E-01	NS
A_64_P165964	NM_017122	29177	Hpca	hippocalcin	2.59E-02	1.3	5.75E-01	NS	2.67E-01	NS
A_44_P210892	NM_001009409	311530	Nanp	N-acetylneuraminic acid phosphatase	3.01E-02	1.3	1.34E-01	NS	1.87E-01	NS
A_44_P996006	NM_001106590	296969	Slc35b4	solute carrier family 35, member B4	4.67E-02	1.3	5.79E-02	NS	2.29E-02	1.5
A_64_P101026	NM_001107847	312077	Golga3	golgi autoantigen, golgin subfamily a, 3	4.74E-02	1.3	2.11E-02	1.2	4.69E-01	NS
A_64_P074539	NM_053748	114591	Dpp3	dipeptidylpeptidase 3	4.92E-02	1.3	3.92E-01	NS	3.36E-01	NS
A_64_P121558	NM_001107233	305476	RGD1308775	similar to RIKEN cDNA 4921536K21	2.39E-02	1.3	8.85E-01	NS	8.46E-01	NS
A_64_P073098	NM_031838	83789	Rps2	ribosomal protein S2 similar to Nucleolar GTP-binding protein 1 (Chronic renal failure gene protein) (GTP-binding protein NGB)	4.63E-02	1.3	9.75E-01	NS	3.35E-01	NS
A_64_P022559	XR_006738	689842	LOC689842		2.04E-02	1.3	7.95E-01	NS	2.20E-02	-1.4
A_43_P14881	NM_031121	81785	Ssrp1	structure specific recognition protein 1	4.03E-02	1.3	3.57E-01	NS	5.35E-01	NS
A_43_P22140	XR_085571	360595	Rnft1	ring finger protein, transmembrane 1	3.83E-02	1.3	9.35E-01	NS	1.89E-01	NS
A_64_P095403	XM_002728651				4.07E-02	1.3	7.22E-02	NS	1.95E-02	-1.4
A_64_P116993	NM_001009636	290995	Prelid1	PRELI domain containing 1	4.18E-02	1.3	2.67E-01	NS	1.24E-01	NS
A_44_P326717	XM_002724975	360932	Atp10d	ATPase, class V, type 10D	1.94E-02	1.3	7.01E-01	NS	9.39E-01	NS
A_64_P098898	NM_001108947	365841	Slc25a44	solute carrier family 25, member 44	3.85E-02	1.3	2.62E-01	NS	8.56E-01	NS
A_44_P438269	NM_022585	58961	Azin1	antizyme inhibitor 1	2.66E-02	1.3	8.20E-01	NS	8.08E-01	NS
A_42_P655897	NM_001107890	312728	Tspan9	tetraspanin 9 glyoxylate reductase/hydroxypyruvate reductase	2.42E-02	1.3	5.01E-01	NS	2.12E-01	NS
A_64_P157313	NM_001113754	680021	Grhpr		4.23E-02	1.3	3.32E-01	NS	7.91E-01	NS
A_44_P466321	NM_001113776	289635	Rel1	RELT-like 1	4.80E-02	1.3	2.51E-01	NS	1.20E-02	-2.0
A_64_P151408	NM_019226	29489	Dync1h1	dynein cytoplasmic 1 heavy chain 1	3.60E-02	1.3	5.46E-01	NS	9.83E-01	NS
A_64_P069581	XM_001057119	680426	LOC680426	similar to CG7220-PA, isoform A	4.94E-02	1.3	5.90E-01	NS	2.00E-03	-1.8
A_64_P038142	NM_001105826	287592	Tubd1	tubulin, delta 1	1.77E-02	1.3	4.18E-01	NS	5.01E-01	NS
A_42_P800793	NM_001108117	315345	Copz1	coatamer protein complex, subunit zeta 1	3.27E-02	1.3	1.07E-01	NS	1.09E-01	NS
A_44_P104952	NM_053423	301965	Tert	telomerase reverse transcriptase	4.18E-02	1.3	8.72E-01	NS	4.27E-01	NS
A_64_P122676	NM_001109553	689897	Crygs	crystallin, gamma S	2.72E-02	1.3	6.39E-01	NS	6.50E-01	NS

A_64_P015793	XM_001061409				3.41E-02	1.3	4.26E-01	NS	1.56E-01	NS
A_43_P20515	XM_001055634	361917	Zfand1	zinc finger, AN1-type domain 1	2.25E-02	1.3	3.25E-01	NS	1.08E-02	-1.4
A_44_P1058502	NM_001106320	293645	Ppfia1	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1	3.06E-02	1.3	6.45E-01	NS	1.11E-02	-1.6
A_64_P122939	NM_001108832	363661	Mrm1	mitochondrial rRNA methyltransferase 1 homolog (S. cerevisiae)	2.01E-02	1.3	9.72E-01	NS	8.01E-03	-1.5
A_42_P688266	XR_085668	361314	Centd3	centaurin, delta 3	4.80E-02	1.3	7.90E-02	NS	9.35E-02	NS
A_64_P146444	XR_006164				3.67E-02	1.3	2.64E-01	NS	2.48E-01	NS
A_64_P062960	NM_001106907	301373	Tgfbra1	transforming growth factor, beta receptor associated protein 1	2.58E-02	1.3	6.95E-01	NS	2.60E-02	-1.4
A_42_P528007	NM_053871	116650	Srp54a	signal recognition particle 54a	2.95E-02	1.3	1.53E-01	NS	4.06E-01	NS
A_44_P482605	NM_053341	83823	Gipc1	GIPC PDZ domain containing family, member 1	4.19E-02	1.3	2.56E-01	NS	7.60E-01	NS
A_44_P300137	XM_001076355	299616	Atp8b3	ATPase, Class I, type 8B, member 3	1.42E-02	1.3	2.26E-01	NS	7.76E-01	NS
A_64_P006964	XM_001079768	691824	LOC691824	hypothetical protein LOC691824	2.00E-02	1.3	4.91E-01	NS	8.91E-04	-1.6
A_44_P349408	NM_001024797	499653	Gon4l	gon-4-like (C. elegans)	2.57E-02	1.3	4.67E-01	NS	9.45E-01	NS
A_64_P140736	XM_001061943				3.07E-02	1.3	9.72E-02	NS	3.11E-02	-2.2
A_64_P053943	NM_001012192	362721	Tssc1	tumor suppressing subtransferable candidate 1	1.53E-02	1.3	4.00E-03	1.3	1.77E-01	NS
A_44_P358883	NM_001171096	100328908	RGD1565819	similar to C20orf174	2.18E-02	1.3	6.27E-01	NS	5.52E-01	NS
A_44_P365443	NM_134408	171447	Lphn2	latrophilin 2	4.67E-02	1.3	4.14E-01	NS	8.69E-01	NS
A_44_P163018	NM_001009619	287042	Nubp1	nucleotide binding protein 1	3.28E-02	1.3	3.59E-02	1.2	2.21E-01	NS
A_42_P574960	XR_009642				4.74E-02	1.3	3.98E-02	1.1	2.51E-01	NS
A_44_P527154	NM_001024282	498753	RGD1564767	Histone H2a	2.45E-02	1.3	9.28E-02	NS	9.55E-01	NS
A_44_P158709	NM_212497	361799	Dom3z	DOM-3 homolog Z (C. elegans)	4.82E-02	1.3	7.94E-01	NS	4.73E-01	NS
A_64_P056897	XM_001078590	502208	Slc38a8	solute carrier family 38, member 8	2.81E-02	1.3	5.28E-01	NS	6.68E-01	NS
A_64_P057106	NM_001004087	360942	Pcdh7	protocadherin 7	3.81E-02	1.3	5.28E-01	NS	1.20E-02	-1.5
A_64_P030342	XM_001056658	680322	LOC680322	similar to Histone H2a type 1	2.12E-02	1.3	8.66E-02	NS	7.12E-01	NS
A_64_P030866	NM_001024282	498753	RGD1564767	Histone H2a	2.17E-02	1.3	1.28E-01	NS	8.99E-01	NS
A_64_P016518	NM_001005877	292794	Ffar2	free fatty acid receptor 2	4.81E-02	1.3	9.33E-01	NS	1.53E-01	NS
A_44_P989558	NM_001024347	500540	Sifn1	schlafen-like 1	1.80E-02	1.3	4.17E-01	NS	7.51E-01	NS
A_64_P129162	NM_001131032	681901	Utf1	undifferentiated embryonic cell transcription factor 1	2.53E-02	1.3	2.31E-01	NS	1.55E-01	NS
A_64_P138008	NM_138505	24174	Adra2b	adrenergic, alpha-2B-, receptor	4.81E-02	1.3	2.06E-01	NS	8.69E-01	NS
A_64_P134789	XM_001080215	293509	RGD1306928	similar to hypothetical protein MGC13138	4.09E-02	1.3	3.21E-02	1.2	2.08E-01	NS
A_64_P102410	NM_001014188	362394	Isy1	ISY1 splicing factor homolog (S. cerevisiae)	4.89E-02	1.3	6.53E-01	NS	1.40E-01	NS
A_64_P149011	NM_031352	83527	Dbnl	drebrin-like	4.46E-02	1.3	1.09E-01	NS	7.16E-01	NS
A_64_P031975	NM_001108264	360475	Alg1	asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (S. cerevisiae)	1.87E-02	1.3	1.14E-02	1.2	8.63E-01	NS
A_64_P019768	XM_001068669	688874	LOC688874	similar to NEDD4-binding protein 1 (N4BP1)	4.56E-02	1.3	6.58E-01	NS	4.48E-02	-1.5
A_44_P161823	NM_001013956	301306	RGD1309049	similar to RIKEN cDNA 4933415F23	3.90E-02	1.3	1.32E-01	NS	8.52E-01	NS
A_64_P145701	NM_001107875	312562	Zfyve20	zinc finger, FYVE domain containing 20	3.94E-02	1.3	7.07E-02	NS	7.20E-01	NS
A_44_P501843	NM_001008322	299857	Shmt2	serine hydroxymethyltransferase 2 (mitochondrial)	3.13E-02	1.3	1.61E-02	1.2	6.71E-01	NS
A_64_P111953	XM_001078666	309649	Rab44	RAB44, member RAS oncogene family	4.15E-02	1.3	8.90E-01	NS	4.57E-01	NS
A_64_P069872	XR_009409	303275	RGD1305508	similar to hypothetical protein MGC23280 sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3 F	2.74E-02	1.3	2.81E-02	1.2	3.34E-01	NS
A_64_P131697	NM_001108185	315996	Sema3f		3.65E-02	1.3	8.78E-01	NS	9.09E-01	NS
A_64_P112200	FQ228322				4.39E-02	1.3	3.40E-01	NS	5.41E-04	-1.9
A_64_P002506	XM_001073085				2.53E-02	1.3	3.53E-02	1.1	8.04E-02	NS
A_64_P147993	XM_001061850	499675	Hist2h2ac	histone cluster 2, H2ac	2.73E-02	1.3	7.95E-02	NS	9.59E-01	NS
A_64_P143966	NM_001108714	362756	Pigh	phosphatidylinositol glycan anchor biosynthesis, class H	4.27E-02	1.3	1.41E-01	NS	1.69E-01	NS
A_64_P111816	XR_005720				2.56E-02	1.3	2.16E-02	1.3	3.38E-01	NS

A_44_P434462	NM_013003	25511	Pemt	phosphatidylethanolamine N-methyltransferase	4.95E-02	1.3	6.04E-03	1.3	1.62E-01	NS
A_64_P071995	AF148210				3.42E-02	1.3	2.31E-01	NS	1.29E-01	NS
A_64_P084333	NM_001109508	688721	Lrln4	leucine rich repeat and fibronectin type III domain containing 4	4.87E-02	1.3	1.85E-01	NS	8.37E-01	NS
A_64_P027545	NM_023095	65271	Mgat5	mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase	1.07E-02	1.3	8.28E-01	NS	1.57E-02	-1.6
A_64_P006340	AY325170				4.38E-02	1.3	6.31E-02	NS	1.92E-02	-1.5
A_43_P16642	NM_001009419	312826	Cmas	cytidine monophosphate N-acetylneuraminic acid synthetase similar to retinoblastoma-binding protein 1 isoform I	3.15E-02	1.3	2.67E-01	NS	5.02E-01	NS
A_44_P264965	XM_226650	294622	RGD1564961	similar to gem (nuclear organelle) associated protein 5	3.65E-02	1.3	2.36E-01	NS	6.92E-01	NS
A_44_P272404	NM_001172089	691231	LOC691231	Der1-like domain family, member 2	3.47E-02	1.4	6.87E-01	NS	7.47E-01	NS
A_64_P129033	XM_001079920	691956	Der12		2.46E-02	1.4	8.16E-01	NS	4.44E-02	-1.5
A_64_P082461	FQ211879				4.68E-02	1.4	5.71E-01	NS	3.03E-02	-1.3
A_44_P1038885	NM_001005530	287451	Slc16a13	solute carrier family 16, member 13 (monocarboxylic acid transporter 13) STT3, subunit of the oligosaccharyltransferase complex, homolog B (S. cerevisiae)	4.64E-02	1.4	8.80E-03	1.2	8.99E-01	NS
A_44_P240819	NM_001170539	363160	Stt3b		2.77E-02	1.4	3.43E-01	NS	4.18E-01	NS
A_44_P271405	NM_172223	282634	Pxmp4	peroxisomal membrane protein 4	3.26E-02	1.4	8.53E-01	NS	3.16E-01	NS
A_64_P024297	NM_181091	113940	Gmfg	glia maturation factor, gamma	4.59E-02	1.4	1.59E-01	NS	8.77E-01	NS
A_43_P11181	NM_001126098	691193	Elof1	elongation factor 1 homolog (S. cerevisiae)	3.57E-02	1.4	7.99E-02	NS	4.13E-02	-1.4
A_64_P112610	NM_001024872	298342	Nkap	NFKB activating protein	3.42E-02	1.4	7.93E-01	NS	6.42E-01	NS
A_64_P125559	NM_001105947	288925	RGD1564058	similar to cDNA sequence BC056474 acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	3.18E-02	1.4	2.91E-01	NS	5.13E-02	NS
A_64_P022235	NM_131911	170724	Anp32b		1.62E-02	1.4	3.08E-01	NS	2.55E-01	NS
A_64_P043468	XM_001068901				4.63E-02	1.4	4.78E-01	NS	1.28E-02	-1.3
A_44_P333078	XM_001078833	311827	Adamts2	ADAMTS-like 2	1.78E-02	1.4	4.91E-01	NS	2.77E-01	NS
A_64_P002551	FQ219888				4.27E-02	1.4	1.48E-02	1.2	7.78E-01	NS
A_64_P080165	NM_001109147	499171	Klf13	Kruppel-like factor 13	2.59E-02	1.4	4.39E-02	1.2	1.31E-01	NS
A_44_P276811	NM_001106539	296358	Matn4	matrilin 4	3.95E-02	1.4	1.17E-03	1.4	1.65E-01	NS
A_44_P137802	NM_001006997	308909	Smpd1	sphingomyelin phosphodiesterase 1, acid lysosomal	4.04E-02	1.4	3.69E-01	NS	1.07E-01	NS
A_64_P050631	NM_001107293	306261	Eaf1	ELL associated factor 1	2.41E-02	1.4	5.37E-01	NS	6.24E-01	NS
A_64_P147769	NM_012770	25206	Gucy1b2	guanylate cyclase 1, soluble, beta 2 potassium channel tetramerisation domain containing 14	2.77E-02	1.4	6.44E-02	NS	3.58E-01	NS
A_44_P332896	XM_001064247	308836	Kctd14		2.50E-02	1.4	6.35E-04	1.5	3.19E-01	NS
A_64_P006739	AY318959				2.54E-02	1.4	4.47E-01	NS	1.18E-01	NS
A_64_P228661	NM_001011945	294336	Pcbp3	poly(rC) binding protein 3	3.77E-02	1.4	2.97E-01	NS	2.15E-01	NS
A_64_P085201	XM_001071952	689775	LOC689775	hypothetical protein LOC689775	3.86E-02	1.4	6.92E-01	NS	1.78E-01	NS
A_64_P069671	XM_001073395				1.27E-02	1.4	6.43E-02	NS	6.44E-01	NS
A_44_P1020780	NM_001034104	308310	Tmc4	transmembrane channel-like 4 phosphatidylinositol glycan anchor biosynthesis, class Z	4.57E-02	1.4	1.19E-01	NS	1.24E-01	NS
A_44_P1019826	NM_001109525	689116	Pigz		4.25E-02	1.4	2.08E-01	NS	4.36E-01	NS
A_42_P664520	NM_053430	84490	Fen1	flap structure-specific endonuclease 1	4.81E-02	1.4	2.71E-01	NS	2.86E-01	NS
A_44_P300506	NM_022399	64202	Calr	calreticulin	2.59E-02	1.4	6.44E-02	NS	4.47E-02	-1.8
A_44_P370537	NM_001107784	311487	Polr3f	polymerase (RNA) III (DNA directed) polypeptide F	1.38E-02	1.4	7.92E-01	NS	3.48E-01	NS
A_44_P685392	NM_001031825	502858	Gp9	glycoprotein IX (platelet)	4.40E-02	1.4	9.94E-01	NS	3.34E-01	NS
A_44_P375185	NM_001107275	306009	Slc39a14	solute carrier family 39 (zinc transporter), member 14	3.65E-02	1.4	9.18E-01	NS	4.85E-02	-1.4
A_64_P118907	NM_001106699	298690	B3galt6	UDP-Gal:betaGal beta 1,3-galactosyltransferase, polypeptide 6	4.21E-02	1.4	1.40E-01	NS	6.19E-01	NS
A_44_P980732	NM_001109604	690610	Tmem86b	transmembrane protein 86B	1.32E-02	1.4	4.62E-01	NS	2.97E-01	NS
A_42_P814056	NM_001108866	364380	Abhd4	abhydrolase domain containing 4	2.82E-02	1.4	8.77E-02	NS	5.14E-02	NS
A_64_P105107	XM_001066614	306505	Lonrf1	LON peptidase N-terminal domain and ring finger 1	9.58E-03	1.4	3.30E-01	NS	7.86E-01	NS

A_44_P548857	NM_001047102	360687	Cadm2	cell adhesion molecule 2	3.20E-02	1.4	1.99E-02	1.5	9.13E-02	NS
A_64_P139285	NM_001135716	310544	Map9	microtubule-associated protein 9	1.11E-02	1.4	1.50E-01	NS	5.32E-02	NS
A_64_P030867	NM_001024282	498753	RGD1564767	Histone H2a	4.47E-02	1.4	9.00E-02	NS	9.19E-01	NS
A_64_P018639	XM_001063288	682827	LOC682827	similar to F41G3.12	2.73E-02	1.4	6.24E-01	NS	8.16E-01	NS
A_64_P064888	NM_001127303	499253	Itpr12	inositol 1,4,5-triphosphate receptor interacting protein-like 2	3.12E-02	1.4	3.17E-01	NS	1.14E-01	NS
A_44_P1018622	NM_001007611	287534	Fam101b	family with sequence similarity 101, member B	4.39E-02	1.4	8.05E-01	NS	3.15E-01	NS
A_64_P009560	NM_001106981	302962	Zscan10	zinc finger and SCAN domain containing 10	2.28E-02	1.4	7.05E-01	NS	1.13E-02	-1.5
A_44_P114638	NM_001014057	312649	Tsen2	tRNA splicing endonuclease 2 homolog (S. cerevisiae)	2.05E-02	1.4	7.44E-02	NS	6.89E-01	NS
A_44_P225129	XR_006869				4.47E-02	1.4	8.43E-01	NS	4.20E-01	NS
A_44_P254973	NM_198051	378794	Trmt11	tRNA methyltransferase 11 homolog (S. cerevisiae)	1.81E-02	1.4	6.85E-02	NS	1.79E-02	-1.6
A_44_P445359	NM_001034147	308718	Pex7	peroxisomal biogenesis factor 7	4.87E-02	1.4	8.45E-02	NS	6.82E-01	NS
A_64_P031456	NM_022615	64550	Top1	topoisomerase (DNA) I	2.89E-02	1.4	4.63E-01	NS	8.32E-02	NS
A_43_P12065	NM_020093	56816	Park2	Parkinson disease (autosomal recessive, juvenile) 2, parkin	4.10E-02	1.4	9.83E-03	1.3	2.12E-01	NS
A_64_P095329	XM_224421				1.24E-02	1.4	8.67E-03	1.3	4.07E-01	NS
A_64_P009411	NM_001014167	361751	Rnls	renalase, FAD-dependent amine oxidase	1.99E-02	1.4	3.39E-01	NS	2.72E-01	NS
A_64_P145166	NM_031756	81716	Ggcs	gamma-glutamyl carboxylase	2.75E-02	1.4	3.64E-01	NS	1.14E-02	-1.5
A_64_P144168	NM_175577	25752	Cd6	Cd6 molecule	2.85E-02	1.4	3.20E-01	NS	8.90E-02	NS
A_43_P14875	NM_031324	83471	Prep	prolyl endopeptidase	2.92E-02	1.4	1.80E-01	NS	5.24E-01	NS
A_43_P13102	NM_130399	24165	Ada	adenosine deaminase	2.63E-02	1.4	1.00E-02	1.2	2.22E-01	NS
A_64_P146767	NM_031343	83511	Slc6a2	solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2	2.42E-02	1.4	9.65E-02	NS	3.97E-01	NS
A_64_P126560	NM_001107463	308178	Vps37c	vacuolar protein sorting 37 homolog C (S. cerevisiae)	4.68E-02	1.4	6.46E-01	NS	1.13E-01	NS
A_64_P002076	NM_001107540	308871	Rnf121	ring finger protein 121	4.13E-02	1.4	1.94E-01	NS	6.41E-01	NS
A_44_P473234	XM_001078412	293511	Znf688	zinc finger protein 688	2.80E-02	1.4	2.88E-01	NS	4.97E-01	NS
A_64_P063107	NM_001134763	81917	Hip1r	huntingtin interacting protein 1 related	3.95E-02	1.4	8.86E-01	NS	8.74E-01	NS
A_44_P179282	XM_001066628	260321	Fkbp4	FK506 binding protein 4	3.13E-02	1.4	2.21E-02	1.1	1.65E-01	NS
A_64_P105377	XM_213271	287157	Wdr90	WD repeat domain 90	3.20E-02	1.4	1.26E-01	NS	4.37E-01	NS
A_64_P059032	NM_001107341	306810	Susd3	sushi domain containing 3	3.55E-02	1.4	8.66E-02	NS	2.96E-01	NS
A_42_P787743	NM_001014159	361545	Rbm42	RNA binding motif protein 42	2.76E-02	1.4	1.20E-01	NS	5.70E-01	NS
A_44_P229710	XM_001065500	362615	Gpatch3	G patch domain containing 3	2.70E-02	1.4	2.16E-02	1.2	1.62E-01	NS
A_64_P038596	XM_577863	502386	RGD1566018	similar to ovarian fibroin-like substance-1	4.17E-02	1.4	8.63E-01	NS	5.58E-01	NS
A_43_P15489	NM_133311	170819	Il24	interleukin 24	4.97E-02	1.4	4.05E-01	NS	2.06E-02	-1.9
A_64_P128667	NM_024132	29347	Faah	fatty acid amide hydrolase	4.90E-02	1.4	2.13E-02	1.3	7.64E-02	NS
A_44_P592381	CO563983				1.70E-02	1.4	4.06E-02	1.2	5.44E-01	NS
A_42_P599062	NM_053491	85253	Plg	plasminogen	1.86E-02	1.4	8.70E-02	NS	7.15E-01	NS
A_64_P155099	XM_001057715	680558	LOC680558	similar to solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter), member D1	1.74E-02	1.4	4.91E-03	1.4	7.11E-02	NS
A_64_P315073	NM_001100548	300996	Rbm5	RNA binding motif protein 5	4.67E-02	1.4	5.27E-03	1.4	9.25E-02	NS
A_43_P17610	NM_001037097	366697	Sptlc2	serine palmitoyltransferase, long chain base subunit 2	1.63E-02	1.4	6.54E-03	1.2	8.81E-01	NS
A_42_P794613	NM_031062	81726	Mvd	mevalonate (diphospho) decarboxylase	2.62E-02	1.4	8.34E-01	NS	3.73E-01	NS
A_44_P975113	NM_001014075	313949	RGD1311648	similar to hypothetical protein FLJ21820	3.31E-02	1.4	4.74E-01	NS	2.36E-01	NS
A_64_P031691	NM_012893	25365	Actg2	actin, gamma 2, smooth muscle, enteric	4.20E-02	1.4	5.31E-01	NS	7.73E-01	NS
A_64_P002697	XM_001054773	296417	Ankrd60	ankyrin repeat domain 60	1.10E-02	1.4	3.48E-01	NS	2.71E-01	NS
A_44_P292503	NM_001002809	406169	Atf6b	activating transcription factor 6 beta	4.06E-02	1.4	5.68E-02	NS	2.90E-01	NS
A_42_P826115	NM_001109418	680531	LOC680531	similar to CG3880-PA	1.75E-02	1.4	2.28E-01	NS	1.61E-01	NS
A_43_P16664	NM_001009630	288704	RGD1311899	similar to RIKEN cDNA 2210016L21 gene	3.77E-02	1.4	8.53E-01	NS	1.28E-03	-1.7
A_44_P500431	NM_053886	116666	Lman1	lectin, mannose-binding, 1	3.84E-02	1.4	3.94E-02	1.1	5.71E-01	NS
A_64_P137037	NM_017156	29295	Cyp2b12	cytochrome P450, family 2, subfamily b, polypeptide 12	3.12E-02	1.4	8.62E-03	2.0	5.32E-01	NS
A_64_P151719	NM_001100778	399489	E2f1	E2F transcription factor 1	2.93E-02	1.4	5.31E-01	NS	8.21E-01	NS

A_44_P1023801	NM_001108155	315740	Kif23	kinesin family member 23	4.83E-02	1.4	3.37E-01	NS	1.43E-02	1.8
A_44_P281435	NM_001013923	296318	Ndrp3	N-myc downstream regulated gene 3	2.17E-02	1.4	2.12E-02	1.3	3.55E-01	NS
A_64_P152091	NM_001134642	503257	Tmem194b	transmembrane protein 194B	2.41E-02	1.4	8.91E-01	NS	2.54E-01	NS
A_42_P809733	NM_001134584	363020	RGD1309410	LOC363020	2.37E-02	1.4	7.78E-01	NS	2.77E-02	-1.4
A_64_P123507	XM_001071932	689765	B3gatl1	beta 1,3-galactosyltransferase-like	3.96E-02	1.4	3.90E-01	NS	9.24E-01	NS
A_44_P380332	NM_001106996	303073	Cyfp2	cytoplasmic FMR1 interacting protein 2	8.76E-03	1.4	2.78E-01	NS	1.63E-01	NS
A_64_P010658	NM_019288	54226	App	amyloid beta (A4) precursor protein	2.91E-02	1.4	3.52E-01	NS	3.74E-02	-1.6
A_64_P189793	FQ220757	290659	Cope	coatamer protein complex, subunit epsilon	2.91E-02	1.4	1.11E-01	NS	3.48E-02	-1.4
A_44_P331015	XR_008354				2.96E-02	1.4	1.46E-02	-1.9	9.23E-01	NS
A_43_P12780	NM_053350	84114	Agps	alkylglycerone phosphate synthase	4.17E-02	1.4	6.09E-01	NS	6.63E-01	NS
A_44_P421582	NM_031676	63837	Tagln3	transgelin 3	4.32E-02	1.4	5.89E-01	NS	8.97E-01	NS
A_64_P152427	XM_001066898	317189	Diaph2	diaphanous homolog 2 (Drosophila)	4.28E-02	1.4	1.10E-01	NS	3.15E-01	NS
A_43_P17660	NM_001100655	289786	Nacad	NAC alpha domain containing KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2	3.91E-02	1.4	6.80E-01	NS	2.19E-01	NS
A_44_P419337	NM_001013122	304290	Kdelr2	reticulum protein retention receptor 2	4.41E-02	1.4	1.01E-02	1.2	2.30E-01	NS
A_64_P099923	NM_022526	64322	Dap	death-associated protein	4.44E-02	1.4	3.30E-01	NS	5.84E-01	NS
A_43_P11800	NM_017059	24887	Bax	Bcl2-associated X protein	3.99E-02	1.4	1.28E-01	NS	2.39E-01	NS
A_42_P506402	NM_145677	246771	Slc25a25	solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 25	3.65E-02	1.4	6.26E-01	NS	4.11E-01	NS
A_64_P046125	NM_001128155	497936	Tmem88	transmembrane protein 88	4.44E-02	1.4	3.82E-01	NS	1.83E-03	-1.6
A_64_P009310	NM_019181	29270	Spr	sepiapterin reductase (7,8- dihydrobiopterin:NADP+ oxidoreductase)	4.06E-02	1.4	2.08E-01	NS	8.29E-02	NS
A_64_P003779	NM_001025742	362836	Dazap1	DAZ associated protein 1	4.37E-02	1.4	6.55E-01	NS	5.03E-01	NS
A_64_P006132	NM_001106997	303101	Maml1	mastermind like 1 (Drosophila)	2.70E-02	1.4	9.29E-01	NS	4.09E-02	-1.4
A_42_P826191	NM_031591	29583	Pecam1	platelet/endothelial cell adhesion molecule 1	4.40E-02	1.4	1.29E-02	-1.2	1.37E-01	NS
A_42_P563382	NM_001109152	499211	Gdpd5	glycerophosphodiester phosphodiesterase domain containing 5	4.21E-02	1.4	7.80E-01	NS	8.68E-03	-1.6
A_44_P995906	NM_001108204	316235	Polh	polymerase (DNA directed), eta	1.86E-02	1.4	7.00E-01	NS	2.87E-01	NS
A_44_P537024	NM_001109670	362942	Gpr172b	G protein-coupled receptor 172B	3.16E-02	1.4	1.38E-01	NS	2.14E-01	NS
A_64_P052230	NM_001013966	303067	Thg1l	tRNA-histidine guanylyltransferase 1-like (S. cerevisiae)	3.72E-02	1.4	8.49E-02	NS	5.06E-01	NS
A_42_P527141	NM_031633	58921	Foxm1	forkhead box M1	1.28E-02	1.4	1.01E-01	NS	8.33E-01	NS
A_44_P319087	NM_001107923	313131	Rngtt	RNA guanylyltransferase and 5'- phosphatase	2.53E-02	1.4	4.68E-02	1.2	7.65E-02	NS
A_44_P125432	NM_001105723	25574	Ubtf	upstream binding transcription factor, RNA polymerase I	3.35E-02	1.4	9.86E-01	NS	1.84E-03	-1.5
A_64_P055994	NM_001004424	360962	Tacc3	transforming, acidic coiled-coil containing protein 3	3.71E-02	1.4	4.95E-02	1.2	1.28E-01	NS
A_42_P842580	NM_001107305	306348	RGD1566239	similar to RIKEN cDNA 2810428115	4.90E-02	1.4	1.26E-01	NS	9.72E-01	NS
A_44_P252559	NM_001000890	405191	Olr1682	olfactory receptor 1682	2.56E-02	1.4	1.52E-01	NS	1.80E-01	NS
A_64_P063358	NM_001108901	365038	Samd5	sterile alpha motif domain containing 5 asparagine-linked glycosylation 3, alpha- 1,3- mannosyltransferase homolog (S. cerevisiae)	4.16E-02	1.4	2.88E-02	1.4	7.05E-02	NS
A_64_P159827	NM_001142363	287983	Alg3	hypothetical protein LOC691649	2.16E-02	1.4	4.52E-01	NS	1.89E-01	NS
A_64_P156051	XM_001079150	691649	LOC691649	XK, Kell blood group complex subunit- related family, member 5	4.57E-02	1.4	2.95E-01	NS	8.70E-02	NS
A_42_P671422	NM_001012228	497083	Xkr5	Tnf receptor-associated factor 6	3.83E-02	1.4	7.04E-02	NS	3.57E-01	NS
A_44_P433773	NM_001107754	311245	Traf6		4.11E-02	1.4	3.57E-01	NS	1.55E-01	NS
A_44_P220617	XM_346086				7.45E-03	1.4	6.34E-01	NS	2.46E-01	NS
A_44_P144237	NM_053961	117030	Erp29	endoplasmic reticulum protein 29	1.05E-02	1.4	9.39E-03	1.3	2.27E-01	NS
A_44_P712484	XM_222205	304503	RGD1309762	similar to KIAA0614 protein	4.28E-02	1.4	4.09E-01	NS	3.71E-01	NS
A_64_P090413	NM_199094	296554	Tubb2c	tubulin, beta 2c	6.17E-03	1.4	2.46E-02	1.3	7.56E-01	NS
A_64_P140818	XM_001056810				1.66E-02	1.4	6.11E-02	NS	8.35E-01	NS
A_44_P278562	AY325172				3.02E-02	1.4	1.93E-02	1.3	5.52E-02	NS
A_64_P065981	NM_001025129	361018	Fam107a	family with sequence similarity 107, member A	1.18E-02	1.4	3.34E-01	NS	1.78E-01	NS
A_42_P473425	NM_138844	192177	Unc13d	unc-13 homolog D (C. elegans)	2.02E-02	1.4	1.65E-01	NS	7.42E-01	NS
A_64_P115661	NM_001105754				4.85E-02	1.4	8.03E-01	NS	1.18E-01	NS

A_64_P050025	NM_001013980	304138	Cyrr1	cysteine/tyrosine-rich 1	4.72E-02	1.4	2.88E-01	NS	1.01E-02	-1.7
A_64_P025803	NM_144752	246268	Oas1b	2-5 oligoadenylate synthetase 1B	3.66E-02	1.4	9.22E-01	NS	4.76E-02	-1.2
A_64_P112429	NM_001037549	641624	Defb5	defensin beta 5	4.55E-02	1.4	2.35E-01	NS	1.30E-01	NS
A_64_P081282	XR_008598				1.20E-02	1.4	7.73E-02	NS	8.21E-01	NS
A_64_P078520	NM_001100517	292023	Aars	alanyl-tRNA synthetase activating signal cointegrator 1 complex subunit 3	3.66E-02	1.4	3.20E-01	NS	5.17E-01	NS
A_44_P124772	NM_001107640	309887	Ascc3	activating signal cointegrator 1 complex subunit 3	3.16E-02	1.4	1.92E-02	1.2	2.05E-01	NS
A_64_P134571	NM_001109540	689576	Nkain3	Na+/K+ transporting ATPase interacting 3	2.08E-02	1.4	5.27E-01	NS	1.55E-01	NS
A_44_P279222	NM_001108698	362678	RGD1308923	LOC362678	2.16E-02	1.4	1.87E-01	NS	5.11E-01	NS
A_44_P727274	NM_001126495	364996	Chtf8	CTF8, chromosome transmission fidelity factor 8 homolog (S. cerevisiae)	2.16E-02	1.4	9.59E-01	NS	1.02E-01	NS
A_64_P001679	NM_001114603	291649	Pcdhb10	protocadherin beta 10	1.10E-02	1.4	9.68E-03	1.2	1.43E-01	NS
A_44_P851620	NM_001107690	310640	Fam189b	family with sequence similarity 189, member B	3.47E-02	1.4	9.53E-01	NS	1.34E-01	NS
A_42_P783572	NM_012504	24211	Atp1a1	ATPase, Na+/K+ transporting, alpha 1 polypeptide	3.93E-02	1.4	1.36E-02	1.3	1.91E-01	NS
A_64_P110409	NM_001105870	288006	Rtp1	receptor (chemosensory) transporter protein 1	1.56E-02	1.4	8.92E-01	NS	9.33E-02	NS
A_64_P040855	NM_001000110	292559	Olr3	olfactory receptor 3	4.26E-02	1.4	5.69E-01	NS	7.08E-01	NS
A_64_P129850	NM_001002855	442921	Prm3	primate 3	1.98E-02	1.4	6.16E-01	NS	8.59E-01	NS
A_64_P042099	XM_001063442				2.50E-02	1.4	1.71E-01	NS	2.19E-01	NS
A_64_P155193	NM_021653	25430	Dio1	deiodinase, iodothyronine, type I	3.87E-02	1.4	2.69E-03	1.6	3.22E-01	NS
A_64_P066226	XM_001071740	499072	RGD1565210	RGD1565210	3.14E-02	1.4	2.78E-01	NS	6.84E-02	NS
A_44_P910533	XM_343671	363333	Chaf1a	chromatin assembly factor 1, subunit A (p150)	1.11E-02	1.4	1.35E-01	NS	2.14E-01	NS
A_64_P146654	NM_031698	64701	Rpn2	ribophorin II	5.92E-03	1.4	9.60E-03	1.3	6.52E-01	NS
A_64_P079870	NM_001134535	303812	Vwa5b2	von Willebrand factor A domain containing 5B2	4.02E-02	1.4	6.91E-01	NS	7.64E-01	NS
A_44_P300919	NM_001011956	296098	Lcmt2	leucine carboxyl methyltransferase 2	3.69E-02	1.4	1.76E-02	1.2	1.51E-01	NS
A_64_P131001	NM_001106124	291328	Slc39a12	solute carrier family 39 (zinc transporter), member 12	3.15E-02	1.4	7.30E-01	NS	2.38E-01	NS
A_64_P032918	NM_001024237	288917	Farsa	phenylalanyl-tRNA synthetase, alpha subunit	2.21E-02	1.4	4.70E-02	1.1	4.60E-01	NS
A_44_P478066	NM_001106335	293733	Incenp	inner centromere protein	2.10E-02	1.4	1.21E-03	1.4	1.26E-02	2.3
A_64_P043086	NM_001108339	360821	Gatc	glutamyl-tRNA(Gln) amidotransferase, subunit C homolog (bacterial)	3.91E-02	1.4	3.36E-01	NS	7.97E-01	NS
A_44_P138838	NM_001008805	407757	Krt76	keratin 76	1.48E-02	1.4	5.40E-01	NS	1.53E-01	NS
A_43_P12325	NM_022860	64828	B4galnt1	beta-1,4-N-acetyl-galactosaminyl transferase 1	4.02E-02	1.4	2.44E-02	1.5	9.42E-01	NS
A_64_P201730	NM_019306	54251	Flt1	fms-related tyrosine kinase 1	6.99E-03	1.4	5.28E-01	NS	2.98E-02	-1.3
A_64_P067550	XM_001071529				1.34E-02	1.4	2.44E-01	NS	6.45E-01	NS
A_44_P508733	NM_001137626	291105	E2f3	E2F transcription factor 3	4.53E-02	1.4	5.48E-01	NS	3.02E-01	NS
A_43_P17061	BC167000	305624	Pcgf3	polycomb group ring finger 3	3.16E-02	1.4	6.05E-01	NS	9.30E-01	NS
A_44_P121736	XM_346293	367772	RGD1564338	similar to aminoacylase 1	1.25E-02	1.4	1.03E-03	1.4	7.16E-02	NS
A_64_P106162	NM_001108377	361042	Pck2	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	2.85E-02	1.4	2.68E-01	NS	8.64E-02	NS
A_64_P135416	NM_001172151	498902	Cmtm4	CKLF-like MARVEL transmembrane domain containing 4	1.97E-02	1.4	6.33E-01	NS	6.23E-01	NS
A_44_P1010482	NM_001109416	680493	Cd3eap	CD3e molecule, epsilon associated protein	7.09E-03	1.4	2.16E-01	NS	5.22E-01	NS
A_64_P025578	NM_001109497	688394	Mab211l	mab-21-like 1 (C. elegans)	2.38E-02	1.4	2.08E-01	NS	2.50E-01	NS
A_64_P047221	NM_019276	50555	Ugt8	UDP glycosyltransferase 8	2.25E-02	1.4	9.13E-01	NS	5.07E-03	-2.1
A_64_P026943	NM_012565	24385	Gck	glucokinase	1.73E-02	1.4	3.96E-01	NS	6.34E-01	NS
A_44_P1040230	NM_001106346	293864	Ubl4	ubiquitin-like 4	4.19E-02	1.5	5.51E-01	NS	2.42E-01	NS
A_44_P472776	NM_053317	58850	Nr0b1	nuclear receptor subfamily 0, group B, member 1	2.64E-02	1.5	3.98E-01	NS	3.26E-01	NS
A_42_P539095	XM_001081794	688311	LOC688311	similar to ADP-ribosylation factor-like 1	3.34E-02	1.5	5.99E-01	NS	2.60E-01	NS
A_44_P280659	NM_001100971	305579	RGD1305110	similar to KIAA1841 protein	4.09E-02	1.5	1.61E-01	NS	5.74E-02	NS
A_64_P130159	NM_001177824	100363193	LOC100363193	LRRGT00076-like	4.72E-02	1.5	4.14E-01	NS	5.22E-01	NS
A_64_P075640	NM_012848	25319	Fth1	ferritin, heavy polypeptide 1	2.63E-02	1.5	2.06E-01	NS	9.56E-02	NS

A_64_P122267	NM_001013983	304543	Mlec	malectin	7.37E-03	1.5	3.38E-01	NS	1.26E-01	NS
A_44_P346832	XM_213790	288689	Tesc	tescalcin	2.07E-02	1.5	2.60E-01	NS	9.03E-01	NS
A_64_P108354	XM_001054556	679812	Plekhhg1	pleckstrin homology domain containing, family G (with RhoGef domain) member 1 similar to UPF0197 protein C11orf10	4.76E-02	1.5	6.87E-01	NS	5.14E-01	NS
A_64_P025507	XM_001076350	680191	LOC680191	homolog	1.72E-02	1.5	1.89E-03	1.3	2.46E-01	NS
A_44_P440988	NM_001106393	294456	Nt5dc1	5'-nucleotidase domain containing 1	4.49E-02	1.5	1.09E-01	NS	7.91E-02	NS
A_64_P027941	XM_002725263			family with sequence similarity 65, member B	1.50E-02	1.5	1.27E-01	NS	9.19E-01	NS
A_44_P184659	NM_001014009	306934	Fam65b		1.72E-02	1.5	4.27E-01	NS	3.15E-01	NS
A_64_P035152	NM_001107044	303497	Osbpl7	oxysterol binding protein-like 7	2.58E-02	1.5	1.35E-01	NS	4.23E-02	-1.7
A_64_P150083	NM_001135896	362945	Lrrc24	leucine rich repeat containing 24	1.54E-02	1.5	1.58E-02	1.4	1.40E-02	-1.8
A_64_P042455	XM_001058094				2.51E-02	1.5	6.67E-01	NS	3.09E-01	NS
A_44_P506017	XM_002725279				3.17E-02	1.5	1.64E-01	NS	2.10E-01	NS
A_64_P142330	XM_001066513				1.56E-02	1.5	9.79E-02	NS	2.10E-01	NS
A_64_P098394	BC158841				2.59E-02	1.5	7.53E-02	NS	5.05E-02	NS
A_64_P102518	NM_201416	292067	Zc3h18	zinc finger CCCH-type containing 18	4.80E-02	1.5	6.03E-01	NS	6.99E-01	NS
A_44_P149662	NM_001024979	295228	Gpatch4	G patch domain containing 4	4.36E-02	1.5	5.29E-01	NS	3.63E-01	NS
A_64_P156473	NM_001107121	304293	Zfp316	zinc finger protein 316	1.18E-02	1.5	4.22E-01	NS	1.08E-01	NS
A_43_P23458	NM_001107508	308564	Klk12	kallikrein related-peptidase 12	4.44E-02	1.5	5.56E-01	NS	4.64E-01	NS
A_64_P001824	NM_001109630	691209	Slc12a6	solute carrier family 12, member 6	2.19E-02	1.5	7.37E-01	NS	4.84E-01	NS
A_44_P140358	XM_230789				4.89E-02	1.5	6.37E-01	NS	8.46E-01	NS
A_64_P140193	NM_001014195	362711	Tmem214	transmembrane protein 214	1.35E-02	1.5	3.76E-03	1.2	1.23E-02	-1.5
A_43_P12806	NM_053439	84509	Ran	RAN, member RAS oncogene family	3.27E-02	1.5	9.05E-03	1.2	3.60E-01	NS
A_64_P010891	XM_001055051	679950	Hist2h3c	histone cluster 2, H3c	2.61E-02	1.5	7.38E-03	1.6	5.96E-01	NS
A_42_P687819	NM_001109241	500200	Atoh8	atonal homolog 8 (Drosophila) similar to UPF0197 protein C11orf10	4.82E-03	1.5	7.62E-03	1.3	6.24E-01	NS
A_64_P095948	XM_001073421	690138	LOC690138	homolog	1.82E-02	1.5	1.64E-02	1.2	1.85E-01	NS
A_44_P463313	NM_017100	25515	Plk1	polo-like kinase 1 (Drosophila)	1.51E-02	1.5	5.80E-03	1.3	1.06E-01	NS
A_64_P134873	XM_001076034				3.27E-02	1.5	5.71E-01	NS	1.20E-01	NS
A_44_P175807	NM_001024892	317241	Rlim	ring finger protein, LIM domain interacting SHC (Src homology 2 domain containing) transforming protein 1	4.48E-02	1.5	2.90E-01	NS	3.87E-01	NS
A_64_P019295	NM_001164060	85385	Shc1	DEAH (Asp-Glu-Ala-His) box polypeptide 36	2.32E-02	1.5	9.31E-01	NS	1.17E-01	NS
A_43_P19947	NM_001107678	310461	Dhx36		4.12E-02	1.5	9.16E-01	NS	1.06E-01	NS
A_64_P079609	NM_001044295	689256	Tpd52l1	tumor protein D52-like 1	4.00E-02	1.5	2.98E-02	1.2	7.37E-02	NS
A_64_P071193	XM_001079214	287063	Nmral1	NmrA-like family domain containing 1	4.13E-02	1.5	1.38E-01	NS	9.44E-02	NS
A_64_P119901	NM_172329	282832	Ccr9	chemokine (C-C motif) receptor 9	4.84E-02	1.5	1.95E-01	NS	2.06E-01	NS
A_64_P006357	XM_002727381			ankyrin repeat and SOCS box-containing	3.67E-02	1.5	2.12E-02	1.4	6.59E-01	NS
A_64_P003209	NM_001108420	361268	Asb13	13	6.37E-03	1.5	8.84E-01	NS	2.39E-01	NS
A_64_P165168	NM_001108662	362510	Melk	maternal embryonic leucine zipper kinase	2.14E-02	1.5	2.12E-03	1.4	1.22E-01	NS
A_64_P129755	NM_001105758	252889	Tmed7	transmembrane emp24 protein transport domain containing 7	4.92E-02	1.5	3.70E-02	1.1	1.44E-01	NS
A_64_P052745	XM_236988	316273	Mcm3	minichromosome maintenance complex component 3	4.03E-02	1.5	1.05E-01	NS	7.22E-01	NS
A_64_P142194	NM_053426	84486	Sf3b1	splicing factor 3b, subunit 1	3.99E-02	1.5	6.67E-01	NS	6.29E-01	NS
A_64_P070957	XM_001070294	499866	Fam98b	family with sequence similarity 98, member B	3.15E-02	1.5	4.56E-01	NS	7.83E-02	NS
A_44_P288982	NM_001107913	313049	Zbtb8a	zinc finger and BTB domain containing 8a	3.31E-02	1.5	3.18E-01	NS	5.13E-03	-2.0
A_64_P062343	NM_001037777	305880	Lrp10	low-density lipoprotein receptor-related protein 10	4.42E-02	1.5	2.39E-02	1.2	1.51E-02	-1.5
A_64_P146228	NM_080583	140670	Ap2b1	adaptor-related protein complex 2, beta 1 subunit	4.99E-02	1.5	3.19E-01	NS	5.71E-03	-1.6
A_43_P13339	NM_138914	192348	Fnbp1	formin binding protein 1	4.23E-02	1.5	2.72E-01	NS	2.18E-02	-1.7
A_64_P082446	NM_001109562	689984	Gpr137	G protein-coupled receptor 137	1.17E-02	1.5	5.27E-01	NS	1.36E-01	NS
A_64_P058162	S73424	81683	Mif	macrophage migration inhibitory factor	2.69E-02	1.5	4.57E-02	1.2	3.43E-02	-1.6
A_64_P249541	XM_001066190	316229	Ttbk1	tau tubulin kinase 1	3.93E-02	1.5	3.89E-01	NS	6.49E-02	NS
A_64_P070078	BF285572	690414	LOC690414	hypothetical protein LOC690414	4.45E-02	1.5	4.45E-01	NS	4.76E-01	NS
A_43_P15918	NM_001100488	266780	Rimbp2	RIMS binding protein 2	3.17E-02	1.5	8.54E-01	NS	1.15E-01	NS

A_44_P1034522	NM_001008772	312952	Impad1	inositol monophosphatase domain containing 1	4.05E-02	1.5	2.49E-01	NS	8.65E-01	NS
A_42_P461794	NM_001013080	296566	Clic3	chloride intracellular channel 3	1.55E-02	1.5	7.42E-02	NS	2.37E-01	NS
A_64_P111903	NM_001105925	288626	Mmp17	matrix metalloproteinase 17	2.60E-02	1.5	9.92E-01	NS	9.41E-02	NS
A_64_P047661	XM_001054448				6.52E-03	1.5	8.40E-01	NS	1.75E-01	NS
A_44_P111337	NM_001108724	362788	Traf3	Tnf receptor-associated factor 3	3.12E-02	1.5	8.66E-01	NS	3.42E-01	NS
A_44_P1057412	NM_031630	58856	Ddx25	DEAD (Asp-Glu-Ala-Asp) box polypeptide 25	3.02E-02	1.5	4.38E-02	1.1	9.96E-01	NS
A_64_P138430	XM_001055507	500917	Odf3b	outer dense fiber of sperm tails 3B	3.97E-02	1.5	7.72E-01	NS	1.33E-02	-1.6
A_44_P501898	NM_001105773	287146	Chtf18	CTF18, chromosome transmission fidelity factor 18 homolog (S. cerevisiae)	4.66E-03	1.5	1.18E-01	NS	1.57E-01	NS
A_64_P088397	NM_001025651	297872	Sytl1	synaptotagmin-like 1	3.39E-02	1.5	4.42E-01	NS	6.13E-01	NS
A_64_P100963	XR_085785	680089	Ncaph	non-SMC condensin I complex, subunit H	3.93E-02	1.5	1.17E-01	NS	6.61E-01	NS
A_64_P034456	NM_001012065	308453	Adck4	aaRF domain containing kinase 4	3.73E-02	1.5	4.23E-01	NS	4.03E-02	-1.3
A_43_P15302	NM_024488	80278	Cdk5rap3	CDK5 regulatory subunit associated protein 3	4.02E-02	1.5	6.32E-03	1.3	1.90E-01	NS
A_44_P889931	NM_001100584	309051	Pign	phosphatidylinositol glycan, class N xylosylprotein beta1,4-galactosyltransferase, polypeptide 7	1.58E-02	1.5	2.74E-02	1.2	2.14E-01	NS
A_43_P18485	NM_001031661	364675	B4galt7	(galactosyltransferase I)	2.79E-02	1.5	5.21E-02	NS	4.95E-01	NS
A_64_P164601	XM_001061072	500926	RGD1562157	similar to olfactory receptor Olfr287	3.59E-02	1.5	5.56E-01	NS	4.82E-02	-2.1
A_64_P091953	NM_001008871	408233	Spink4	serine peptidase inhibitor, Kazal type 4	1.33E-02	1.5	7.87E-01	NS	9.88E-02	NS
A_44_P1045834	NM_001108781	363145	Gmppb	GDP-mannose pyrophosphorylase B	1.65E-02	1.5	6.62E-03	1.5	6.85E-01	NS
A_44_P310386	NM_001107426	307821	Psmad7	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7	4.53E-02	1.5	8.85E-01	NS	8.74E-01	NS
A_64_P079751	NM_030848	81506	Bst1	bone marrow stromal cell antigen 1	4.55E-02	1.5	2.94E-01	NS	2.72E-01	NS
A_64_P098779	NM_001005265	54243	Cr1l	complement component (3b/4b) receptor 1-like	3.82E-02	1.5	1.52E-01	NS	2.02E-02	-1.5
A_64_P030272	XM_001069708	501588	Tex11	testis expressed 11	1.03E-02	1.5	7.32E-01	NS	3.16E-01	NS
A_64_P055936	XR_008912				2.75E-02	1.5	3.63E-01	NS	1.00E-01	NS
A_44_P520045	NM_001001371	288881	Olr1002	olfactory receptor 1002	2.22E-02	1.5	9.03E-01	NS	1.25E-01	NS
A_42_P535608	NM_001107160	304648	Asf1b	ASF1 anti-silencing function 1 homolog B (S. cerevisiae)	3.12E-02	1.5	3.40E-03	1.4	4.73E-02	2.6
A_64_P121816	NM_001106769	299611	Apc2	adenomatosis polyposis coli 2	3.75E-02	1.5	3.60E-01	NS	1.57E-01	NS
A_44_P1058916	NM_001013923	296318	Ndr3	N-myc downstream regulated gene 3	3.50E-02	1.5	1.52E-03	1.3	4.85E-01	NS
A_64_P107876	XM_344763				2.97E-02	1.5	3.71E-01	NS	4.54E-02	-1.5
A_64_P135634	NM_001044295	689256	Tpd52l1	tumor protein D52-like 1	4.78E-02	1.5	3.58E-01	NS	7.06E-02	NS
A_64_P139108		85254	Slc44a1	solute carrier family 44, member 1	4.59E-02	1.5	2.64E-01	NS	5.83E-01	NS
A_44_P156317	NM_138910	192275	Dad1	defender against cell death 1	2.70E-02	1.5	3.51E-02	1.2	4.08E-02	-1.6
A_64_P001157	NM_001106745	299202	Rps6kl1	ribosomal protein S6 kinase-like 1	2.95E-02	1.5	4.87E-01	NS	5.15E-01	NS
A_44_P180017	NM_052804	24948	Fmr1	fragile X mental retardation 1	3.00E-02	1.5	6.66E-01	NS	2.87E-01	NS
A_42_P687645	NM_001134995	683570	Gnpda1	glucosamine-6-phosphate deaminase 1	1.07E-02	1.5	2.44E-02	1.2	9.09E-01	NS
A_64_P124200	NM_053930	116727	Gp1bb	glycoprotein Ib (platelet), beta polypeptide	1.67E-02	1.5	3.90E-01	NS	7.15E-01	NS
A_64_P116176	XM_001056308				3.24E-02	1.5	8.64E-01	NS	1.21E-01	NS
A_42_P599210	NM_001008326	300689	Rexo2	REX2, RNA exonuclease 2 homolog (S. cerevisiae)	4.49E-02	1.5	1.14E-01	NS	7.16E-01	NS
A_64_P015188	XM_002727122				2.73E-02	1.5	3.95E-01	NS	6.68E-01	NS
A_64_P155330	XM_001059721	682074	LOC682074	similar to marapsin	4.02E-02	1.5	2.32E-01	NS	8.91E-01	NS
A_64_P399208	XM_002728651				4.02E-02	1.5	2.52E-01	NS	1.96E-03	-1.5
A_44_P499166	NM_001107312	306490	Mtmr7	myotubularin related protein 7	2.02E-02	1.5	9.35E-01	NS	4.18E-01	NS
A_64_P044146	NM_017281	29671	Psma4	proteasome (prosome, macropain) subunit, alpha type 4	4.75E-02	1.5	1.62E-01	NS	6.89E-01	NS
A_64_P150519	NM_012944	25432	Drd4	dopamine receptor D4	2.92E-02	1.5	2.59E-01	NS	2.79E-01	NS
A_64_P073658	XM_001064739	303016	RGD1310862	similar to adult retina protein	3.05E-02	1.5	1.83E-01	NS	7.99E-03	-1.5
A_64_P032693	XM_002724830	304382	RGD1561143	similar to cell surface receptor FDFACT	3.43E-02	1.5	1.81E-01	NS	1.08E-01	NS
A_64_P093599	NM_133411	170924	Abcc4	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	4.10E-03	1.5	3.96E-02	1.4	1.52E-01	NS
A_44_P267199	NM_001173344	308478	Spred3	sprouty-related, EVH1 domain containing 3	4.39E-03	1.5	4.73E-01	NS	2.11E-01	NS

A_43_P21827	NM_001007093	310616	Creb3l4	cAMP responsive element binding protein 3 like 4	4.73E-02	1.5	8.24E-01	NS	4.65E-01	NS
A_64_P031118	NM_139263	246174	Fgd4	FYVE, RhoGEF and PH domain containing 4	8.95E-03	1.5	1.46E-01	NS	1.55E-01	NS
A_64_P003342	XM_577381	501954	RGD1562612	similar to RIKEN cDNA 1110003E01 CCAAT/enhancer binding protein (C/EBP), delta	2.20E-02	1.5	2.54E-02	1.3	6.61E-01	NS
A_42_P762829	NM_013154	25695	Cebpd	delta	3.19E-02	1.5	8.26E-01	NS	9.69E-02	NS
A_64_P014756	NM_001000037	287517	Olr1519	olfactory receptor 1519	4.45E-02	1.5	1.86E-02	1.3	9.86E-02	NS
A_64_P030347	NM_001107857	312275	Ephb6	Eph receptor B6	3.22E-03	1.5	3.44E-01	NS	3.43E-01	NS
A_42_P558703	NM_001106810	300474	Adamts15	ADAM metalloproteinase with thrombospondin type 1 motif, 15	4.82E-02	1.5	9.26E-01	NS	1.41E-01	NS
A_64_P063077	NM_001009503	494222	Pfn4	profilin family, member 4	2.80E-02	1.5	8.58E-02	NS	5.16E-02	NS
A_42_P535152	XM_001069024	684122	LOC684122	similar to development and differentiation enhancing factor-like 1	4.69E-02	1.5	7.72E-01	NS	1.57E-02	-1.5
A_64_P144513	XR_086096	691781	LOC691781	similar to Tubulin alpha-2 chain (Alpha-tubulin 2)	9.99E-03	1.5	2.27E-02	1.3	8.30E-01	NS
A_64_P158073	NM_001170602	315330	Espl1	extra spindle pole bodies homolog 1 (S. cerevisiae)	2.92E-02	1.5	6.35E-02	NS	2.48E-01	NS
A_64_P099240	XR_006253				4.70E-02	1.5	4.80E-03	1.3	1.33E-01	NS
A_44_P262025	NM_001113570	246299	Gtf3a	general transcription factor III A	3.42E-02	1.5	6.25E-03	1.3	2.35E-01	NS
A_64_P019186	NM_001107433	307868	Mon1b	MON1 homolog b (yeast)	1.49E-02	1.5	5.84E-02	NS	5.56E-03	-1.7
A_64_P112026	XM_001079920				2.24E-02	1.5	1.77E-01	NS	8.22E-01	NS
A_64_P003972	NM_022270	64037	Slc22a4	solute carrier family 22 (organic cation transporter), member 4	4.89E-03	1.5	2.64E-01	NS	7.71E-01	NS
A_43_P12023	NM_019328	54278	Nr4a2	nuclear receptor subfamily 4, group A, member 2	4.41E-02	1.5	6.15E-01	NS	2.30E-02	-1.8
A_44_P529833	NM_001107666	310314	Ttc14	tetratricopeptide repeat domain 14	4.23E-02	1.5	8.74E-02	NS	1.00E-02	-1.6
A_44_P445484	XM_002728168	100359425	LOC100359425	CG13585-like	1.48E-02	1.5	2.87E-02	1.4	9.63E-01	NS
A_64_P098892	NM_001109065	498179	RGD1563482	similar to hypothetical protein FLJ38663	2.87E-02	1.5	6.92E-02	NS	9.42E-01	NS
A_64_P158053	NM_001109487	685936	Pfn3	profilin 3	2.37E-03	1.5	9.41E-01	NS	6.41E-01	NS
A_64_P075175	XM_002728984	499453	RGD1565550	similar to double homeobox, 4	4.84E-02	1.5	1.92E-01	NS	1.47E-01	NS
A_43_P17945	NM_001014006	306761	F12	coagulation factor XII (Hageman factor)	1.67E-02	1.5	1.96E-01	NS	4.41E-01	NS
A_42_P804469	NM_001107816	311795	RGD1308019	similar to hypothetical protein FLJ20245	3.00E-02	1.5	2.45E-01	NS	2.57E-01	NS
A_43_P15154	NM_053384	84399	lhh	Indian hedgehog	1.06E-02	1.5	3.80E-02	1.3	5.43E-01	NS
A_44_P265709	NM_013195	25746	Il2rb	interleukin 2 receptor, beta	8.80E-03	1.5	2.56E-02	1.5	2.54E-01	NS
A_64_P018582	XM_226016	307498	Pura	purine rich element binding protein A	3.20E-02	1.5	5.27E-01	NS	2.48E-02	-1.4
A_64_P025998	NM_001107814	311783	Il1f5	interleukin 1 family, member 5 (delta)	3.36E-02	1.5	7.75E-01	NS	6.09E-01	NS
A_64_P086433	NM_001005906	316533	Chpf	chondroitin polymerizing factor	1.26E-02	1.5	1.15E-01	NS	5.72E-02	NS
A_64_P067320	NM_001033706	361571	Aldh16a1	aldehyde dehydrogenase 16 family, member A1	1.39E-02	1.5	2.15E-01	NS	4.71E-01	NS
A_64_P030630	NM_001109610	690795	H2afj	H2A histone family, member J	4.04E-02	1.5	3.49E-02	1.4	8.13E-01	NS
A_64_P133370	NM_175765	313323	Psp1	PC4 and SFRS1 interacting protein 1	1.85E-02	1.5	1.84E-01	NS	2.56E-01	NS
A_42_P550702	NM_001107574	309177	Znhit2	zinc finger, HIT type 2	4.54E-02	1.5	4.53E-02	1.2	2.64E-01	NS
A_64_P114610	XM_001060106	682147	LOC682147	similar to CG7194-PA	2.06E-02	1.5	4.01E-01	NS	9.72E-01	NS
A_43_P14727	NM_001106496	296050	RGD1305045	similar to hypothetical protein transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)	4.03E-02	1.5	4.38E-01	NS	2.24E-01	NS
A_44_P246114	NM_001173433	362533	Tie1	homolog, Drosophila)	3.55E-02	1.5	6.32E-01	NS	2.89E-01	NS
A_42_P649672	NM_057210	117559	Sv2a	synaptic vesicle glycoprotein 2a	4.22E-02	1.5	7.84E-01	NS	4.81E-01	NS
A_64_P123798	XM_001063101	681193	LOC681193	similar to DNA-directed RNA polymerase II 7.6 kDa polypeptide (RPB10) (RPB7.6) (RPABC5)	4.04E-02	1.5	1.11E-01	NS	1.13E-01	NS
A_44_P181548	NM_053926	116723	Pip4k2a	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	2.57E-02	1.5	7.23E-02	NS	8.25E-01	NS
A_44_P272186	NM_001107950	313433	RGD1564541	similar to hypothetical protein FLJ22965	1.44E-02	1.5	5.22E-01	NS	1.01E-02	-1.8
A_44_P995874	XM_002725789	100364597	LOC100364597	5'-nucleotidase, cytosolic II-like	2.41E-02	1.5	1.79E-01	NS	4.38E-01	NS
A_64_P036509	NM_012527	24260	Chrm3	cholinergic receptor, muscarinic 3	4.78E-02	1.5	9.13E-01	NS	6.07E-03	-1.6
A_44_P219699	NM_001000615	404804	Olr749	olfactory receptor 749	1.17E-02	1.5	4.44E-01	NS	1.23E-01	NS
A_44_P187056	XM_002729169	114517	Itga6	integrin, alpha 6	3.62E-02	1.5	8.18E-01	NS	2.34E-03	-2.3
A_44_P478114	NM_001107273	305984	Cdca2	cell division cycle associated 2	2.86E-02	1.5	3.92E-02	1.5	1.20E-01	NS

A_64_P133286	NM_001017386	361757	Opalin	oligodendrocytic myelin paranodal and inner loop protein	4.72E-02	1.5	4.11E-01	NS	8.79E-02	NS
A_44_P479359	NM_031063	81727	Mvk	mevalonate kinase	2.82E-02	1.5	2.49E-02	1.3	3.28E-01	NS
A_64_P104800	XM_001062397	684903	LOC684903	similar to Probable ATP-dependent RNA helicase DHX34 (DEAH box protein 34)	3.98E-02	1.5	3.30E-01	NS	5.07E-02	NS
A_42_P687443	NM_020100	56820	Ramp3	receptor (G protein-coupled) activity modifying protein 3	3.17E-02	1.5	4.15E-02	1.2	7.25E-01	NS
A_42_P496411	NM_001109410	680465	Trappc6a	trafficking protein particle complex 6A DnaJ (Hsp40) homolog, subfamily C, member 17	3.67E-02	1.5	2.11E-01	NS	6.25E-03	-1.9
A_64_P110048	XM_001080801	311329	Dnajc17	member 17	1.77E-02	1.5	9.37E-01	NS	5.55E-01	NS
A_64_P157244	NM_001013072	294011	Sfxn2	sideroflexin 2	3.98E-02	1.5	3.77E-01	NS	1.70E-01	NS
A_44_P487249	NM_031051	81683	Mif	macrophage migration inhibitory factor	3.09E-02	1.5	3.73E-02	1.2	3.93E-02	-1.5
A_64_P148180	XM_001074464				8.32E-03	1.5	6.07E-03	1.2	1.24E-01	NS
A_64_P007371	XM_001080416	687869	LOC687869	similar to olfactory receptor 389	3.54E-02	1.5	7.18E-02	NS	1.25E-01	NS
A_64_P054496	NM_001127599	292811	Ccdc123	coiled-coil domain containing 123	4.05E-02	1.5	2.65E-03	1.2	7.30E-01	NS
A_64_P122423	XR_085670				2.71E-02	1.5	2.93E-01	NS	9.31E-02	NS
A_64_P033214	XM_346406	360243	Top2a	topoisomerase (DNA) II alpha	3.63E-02	1.5	1.16E-03	1.5	5.12E-01	NS
A_64_P069066	NM_031680	63843	P2ry4	pyrimidinergic receptor P2Y, G-protein coupled, 4	2.73E-02	1.5	6.48E-01	NS	2.76E-01	NS
A_64_P016828	NM_053986	117057	Myo1b	myosin Ib	2.67E-02	1.5	4.76E-01	NS	9.01E-01	NS
A_64_P070656	XR_006986	361414	LOC361414	similar to Synaptic vesicle membrane protein VAT-1 homolog	2.77E-02	1.5	7.86E-01	NS	4.56E-02	-1.4
A_43_P16725	NM_001009638	291784	RGD1311805	similar to RIKEN cDNA 2400010D15 synuclein, gamma (breast cancer-specific protein 1)	1.51E-02	1.5	1.10E-02	1.3	9.00E-01	NS
A_44_P384017	NM_031688	64347	Sncg	similar to Ankyrin-2 (Brain ankyrin) (Ankyrin B) (Ankyrin, nonerythroid)	4.82E-02	1.5	7.26E-01	NS	9.66E-01	NS
A_64_P087094	NM_001109427	680734	LOC680734		1.42E-02	1.5	8.98E-01	NS	8.30E-01	NS
A_44_P112082	NM_001134833	293107	Ccdc89	coiled-coil domain containing 89	1.29E-02	1.5	1.83E-01	NS	2.26E-02	-1.7
A_64_P056638	NM_001108308	360667	RGD1307394	similar to hypothetical protein ET	1.09E-02	1.5	4.97E-01	NS	9.91E-01	NS
A_44_P503240	NM_178333	302538	Syt5	synaptotagmin-like 5	2.87E-02	1.5	6.64E-02	NS	8.91E-02	NS
A_64_P086519	NM_001106236	292737	Blvrb	biliverdin reductase B (flavin reductase (NADPH))	4.66E-02	1.5	1.43E-01	NS	8.84E-03	-1.4
A_64_P039342	NM_001004242	300115	Arhgap8	Rho GTPase activating protein 8	2.70E-02	1.5	2.96E-02	1.2	1.07E-01	NS
A_64_P075406	XM_001062061	287170	Snmp25	small nuclear ribonucleoprotein 25 (U11/U12) family with sequence similarity 71, member F1	3.75E-02	1.5	2.40E-01	NS	4.73E-01	NS
A_64_P071411	NM_001024324	500061	Fam71f1		6.98E-04	1.5	2.70E-01	NS	6.54E-01	NS
A_64_P009460	NM_133302	117088	Adarb2	adenosine deaminase, RNA-specific, B2	4.84E-03	1.5	8.33E-01	NS	7.90E-01	NS
A_64_P048315	XM_344527				3.47E-02	1.5	9.91E-01	NS	7.00E-01	NS
A_64_P293317	XM_002729146	114089	Sec16a	SEC16 homolog A (S. cerevisiae) signal transducer and activator of transcription 2	3.86E-02	1.5	3.34E-02	1.2	7.93E-01	NS
A_64_P092005	NM_001011905	288774	Stat2	transcription 2	2.97E-02	1.5	4.32E-01	NS	1.38E-01	NS
A_64_P052441	NM_001100630	360589	Ints2	integrator complex subunit 2	4.74E-03	1.5	1.60E-02	1.3	7.86E-01	NS
A_42_P627572	NM_001166275	309595	Mdc1	mediator of DNA damage checkpoint 1 polymerase (DNA directed), epsilon 2 (p59 subunit)	6.39E-03	1.5	1.33E-01	NS	1.47E-01	NS
A_44_P236738	NM_001169108	299112	Pole2		4.89E-02	1.5	3.81E-01	NS	5.57E-02	NS
A_42_P582004	NM_001113780	313021	Tmem222	transmembrane protein 222	2.22E-02	1.5	6.92E-03	1.2	1.15E-01	NS
A_64_P091852	XR_007272	497848	LOC497848	hypothetical LOC497848	1.78E-02	1.5	2.30E-03	1.3	2.54E-01	NS
A_64_P086719	XM_001071882				2.79E-02	1.5	3.22E-01	NS	5.24E-02	NS
A_64_P009355	NM_001025279	306014	Reep4	receptor accessory protein 4	1.20E-02	1.5	1.06E-01	NS	4.17E-01	NS
A_64_P074127	XM_002727194				8.78E-03	1.5	2.19E-02	1.4	8.86E-01	NS
A_64_P051367	NM_001145062	688536	Glyat3	glycine-N-acyltransferase-like 3	3.86E-02	1.5	2.02E-01	NS	1.97E-02	-1.8
A_64_P126458	NM_001008282	287835	Galk1	galactokinase 1	2.41E-02	1.5	5.50E-02	NS	1.76E-01	NS
A_64_P109457	NM_001085369	171529	Kif2c	kinesin family member 2C	8.46E-03	1.5	2.86E-01	NS	2.48E-02	2.7
A_64_P038852	NM_001106375	294103	Papss2	3'-phosphoadenosine 5'-phosphosulfate synthase 2	3.10E-02	1.5	1.47E-01	NS	4.13E-01	NS
A_64_P056678	NM_001109506	688581	Elmod2	ELMO/CED-12 domain containing 2 protein kinase, membrane associated	2.83E-02	1.5	9.69E-01	NS	2.19E-02	-1.6
A_44_P520859	NM_001105766	287101	Pkmyt1	tyrosine/threonine 1	2.70E-03	1.5	1.97E-01	NS	7.43E-01	NS

A_64_P017053	XM_002724507	117251	Dnah9	dynein, axonemal, heavy polypeptide 9	3.30E-02	1.5	6.89E-01	NS	6.12E-01	NS
A_44_P386901	NM_224454				4.51E-02	1.6	1.99E-01	NS	1.59E-01	NS
A_64_P014085	NM_001007678	304807	Rabif	RAB interacting factor	3.54E-02	1.6	3.66E-01	NS	1.89E-01	NS
A_64_P024459	XM_002726986				2.24E-02	1.6	3.84E-01	NS	7.13E-01	NS
A_42_P729711	NM_001108344	360847	Ube2t	ubiquitin-conjugating enzyme E2T (putative)	4.36E-02	1.6	4.03E-02	1.3	3.64E-01	NS
A_44_P187080	NM_001110823	29693	Atp2a2	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	3.58E-02	1.6	1.05E-01	NS	2.27E-01	NS
A_64_P025476	NM_133297	113922	15-Sep	selenoprotein	2.83E-02	1.6	2.03E-01	NS	2.01E-01	NS
A_64_P024664	XM_001066357				4.22E-02	1.6	1.84E-01	NS	5.68E-02	NS
A_64_P088814	NM_022297	64157	Ddah1	dimethylarginine dimethylaminohydrolase 1	1.50E-03	1.6	1.11E-01	NS	1.31E-01	NS
A_64_P077422	XM_001074160	690343	LOC690343	similar to zinc finger protein 420	4.37E-02	1.6	4.24E-01	NS	3.09E-01	NS
A_43_P11967	NM_019190	29333	Cd46	CD46 molecule, complement regulatory protein	1.00E-02	1.6	4.84E-02	1.4	8.26E-01	NS
A_64_P068152	NM_001109002	367100	Smad6	SMAD family member 6	3.95E-02	1.6	1.26E-01	NS	5.79E-02	NS
A_44_P105310	NM_001109118	498728	Elovl2	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 2	8.01E-03	1.6	4.54E-01	NS	2.09E-01	NS
A_64_P131199	NM_001109467	685462	Emid1	EMI domain containing 1	4.05E-02	1.6	2.64E-01	NS	6.95E-02	NS
A_64_P067233	AY325245	307759	Gpt2	glutamic pyruvate transaminase (alanine aminotransferase) 2	4.42E-02	1.6	6.75E-01	NS	4.51E-01	NS
A_64_P162140	NM_001044295	689256	Tpd521	tumor protein D52-like 1	2.34E-02	1.6	1.75E-01	NS	1.79E-01	NS
A_44_P997940	NM_001135006	100189544	Nrn1	neuritin 1-like	3.25E-02	1.6	4.44E-01	NS	8.96E-01	NS
A_64_P095830	NM_152242	260326	Gpr56	G protein-coupled receptor 56	2.20E-02	1.6	9.00E-03	1.3	6.86E-02	NS
A_64_P006177	NM_001134971	360955	Man2b2	mannosidase, alpha, class 2B, member 2	2.60E-02	1.6	4.34E-01	NS	2.31E-02	-2.2
A_44_P418944	NM_199394	314312	Entpd5	diphosphohydrolase 5	4.10E-02	1.6	4.37E-01	NS	2.82E-01	NS
A_64_P117413	NM_001107436	307907	RGD1304884	similar to RIKEN cDNA 6430548M08	1.54E-03	1.6	8.48E-01	NS	3.10E-01	NS
A_64_P100559	XM_001078017	293498	RGD1306636	hypothetical LOC293498	2.71E-02	1.6	5.86E-01	NS	8.94E-02	NS
A_44_P205528	NM_145786	252958	liig9	LIIG9 protein	2.65E-03	1.6	8.75E-02	NS	2.18E-01	NS
A_44_P469040	NM_001173336	300120	Fam118a	family with sequence similarity 118, member A	2.29E-02	1.6	3.83E-01	NS	3.37E-01	NS
A_44_P258855	NM_053431	84491	Qsox1	quiescin Q6 sulfhydryl oxidase 1	1.44E-02	1.6	3.58E-01	NS	2.42E-02	-1.4
A_44_P1045652	XM_001057185				1.85E-02	1.6	5.70E-01	NS	9.54E-02	NS
A_44_P433614	NM_001011940	293735	Best1	bestrophin 1	3.87E-02	1.6	5.39E-01	NS	5.56E-01	NS
A_64_P170600	NM_012577	24426	Gstp1	glutathione S-transferase pi 1	2.21E-02	1.6	8.49E-03	1.3	4.89E-01	NS
A_64_P037465	NM_001108336	360816	Sdsl	serine dehydratase-like	1.79E-02	1.6	1.69E-01	NS	4.40E-02	-1.3
A_64_P048359	XM_001063568	682889	LOC682889	similar to CG8486-PA, isoform A	4.43E-02	1.6	2.48E-01	NS	7.75E-02	NS
A_64_P079225	NM_001014050	311535	Fam110a	family with sequence similarity 110, member A	1.46E-02	1.6	5.77E-02	NS	5.30E-01	NS
A_64_P148136	NM_001166352	362774	Serpina11	serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinasase, antitrypsin), member 11	3.90E-02	1.6	7.51E-01	NS	7.18E-01	NS
A_44_P1007110	XM_001080929	499157	RGD1565432	similar to hypothetical protein	4.87E-02	1.6	3.03E-01	NS	7.75E-03	-1.4
A_64_P068498	XR_008012				3.42E-02	1.6	2.70E-01	NS	3.22E-01	NS
A_64_P146702	XM_001056235	307486	Pcdhb22	protocadherin beta 22	3.27E-02	1.6	2.53E-03	-1.4	3.22E-01	NS
A_64_P071664	NM_017067	24942	Chm	choroideremia (Rab escort protein 1)	4.71E-02	1.6	8.52E-01	NS	2.22E-01	NS
A_44_P153901	NM_001000065	288829	Olr1061	olfactory receptor 1061	2.52E-02	1.6	8.74E-02	NS	2.13E-01	NS
A_43_P13043	NM_057137	117278	Ebp	emopamil binding protein (sterol isomerase)	4.49E-02	1.6	1.47E-01	NS	1.47E-01	NS
A_44_P123994	NM_001033666	502674	Dstn	destrin	2.53E-02	1.6	9.46E-02	NS	7.37E-03	-2.0
A_64_P052765	NM_001012055	307614	Cdh16	cadherin 16	4.45E-02	1.6	3.76E-01	NS	2.38E-01	NS
A_64_P035584	NM_001109901	362262	Emilin3	elastin microfibril interfacier 3	2.29E-02	1.6	4.36E-01	NS	3.03E-01	NS
A_64_P143307	NM_001014106	499328	Rfk	riboflavin kinase	3.43E-02	1.6	2.88E-01	NS	2.40E-03	-1.7
A_44_P394737	NM_001008809	406227	Krt72	keratin 72	2.28E-02	1.6	8.04E-01	NS	6.42E-01	NS
A_64_P124641	XR_005580				4.47E-02	1.6	9.01E-02	NS	9.66E-02	NS
A_44_P1042473	NM_139096	245955	Lgals3bp	lectin, galactoside-binding, soluble, 3	1.95E-02	1.6	8.61E-01	NS	4.19E-02	-2.6
A_64_P044682	NM_033443	25227	Arsb	arylsulfatase B	3.62E-02	1.6	9.54E-01	NS	5.01E-02	NS

A_64_P136857	XM_001078537	691495	LOC691495	hypothetical protein LOC691495 capping protein (actin filament) muscle Z-line, alpha 1	1.85E-02	1.6	1.73E-01	NS	5.86E-02	NS
A_64_P180747	NM_001109625	691149	Capza1	IQ motif and Sec7 domain 3	1.62E-02	1.6	8.63E-01	NS	2.87E-01	NS
A_64_P037666	NM_207617	404781	lqsec3	similar to cathepsin O	1.57E-02	1.6	2.97E-01	NS	1.73E-02	-3.4
A_64_P029394	XM_001070844	684529	LOC684529	growth differentiation factor 15	9.81E-03	1.6	2.06E-02	1.5	6.31E-01	NS
A_64_P011489	NM_019216	29455	Gdf15	similar to RIKEN cDNA 1110031I02	4.07E-02	1.6	5.97E-01	NS	4.01E-01	NS
A_44_P1027244	NM_001013976	303749	RGD1305007	aquaporin 6, kidney specific	4.65E-02	1.6	1.40E-01	NS	4.22E-02	-1.6
A_64_P122362	NM_022181	29170	Aqp6		2.90E-02	1.6	8.89E-01	NS	1.29E-01	NS
A_64_P067331	XM_344065			SH3-domain binding protein 5 (BTK-associated)	2.25E-02	1.6	4.97E-02	1.2	5.41E-01	NS
A_44_P423662	NM_054011	117186	Sh3bp5	pannexin 2	1.27E-02	1.6	9.77E-01	NS	3.99E-01	NS
A_44_P179787	NM_199409	362979	Panx2	basigin	7.02E-03	1.6	6.61E-02	NS	1.33E-01	NS
A_64_P013284	NM_001109882	25246	Bsg	melanoma associated antigen (mutated) 1-like 1	3.65E-02	1.6	2.73E-01	NS	2.65E-01	NS
A_64_P163075	NM_001109321	501630	Mum11	methyltransferase like 2	3.12E-02	1.6	9.20E-01	NS	1.58E-01	NS
A_64_P028270	NM_001108839	363687	Mettl2	similar to isopentenyl-diphosphate delta isomerase 2	4.27E-03	1.6	1.82E-01	NS	5.52E-02	NS
A_64_P146051	XM_001072335	689872	LOC689872	olfactory receptor 82	4.62E-02	1.6	4.34E-01	NS	3.24E-02	-1.5
A_44_P381764	NM_001001282	365328	Olr82	similar to Macrophage migration inhibitory factor (MIF) (Delayed early response protein 6)	2.67E-02	1.6	7.63E-01	NS	5.62E-01	NS
A_64_P026098	XM_575674			toll-like receptor 12	4.09E-02	1.6	6.99E-01	NS	3.89E-02	-1.3
A_64_P025329	XM_001080942	366675	RGD1559921	hypothetical LOC302495	1.46E-02	1.6	2.71E-02	1.2	2.51E-02	-1.5
A_64_P035564	NM_001108682	362604	Tlr12	ras homolog gene family, member B	2.91E-02	1.6	2.07E-02	1.8	5.54E-01	NS
A_64_P037638	XM_001077660			neuropeptide B	4.54E-02	1.6	8.50E-01	NS	7.25E-02	NS
A_64_P062023	NM_001106950	302495	LOC302495	ferritin, heavy polypeptide 1	1.66E-02	1.6	4.55E-01	NS	4.90E-01	NS
A_64_P141727	NM_022542	64373	Rhob	neuropeptide W	2.09E-02	1.6	8.73E-01	NS	3.17E-01	NS
A_44_P454227	NM_153293	259222	Npb	interleukin 13 receptor, alpha 1	4.20E-02	1.6	7.57E-01	NS	4.77E-02	-1.6
A_43_P13974	NM_012848	25319	Fth1	thyroid peroxidase	9.82E-03	1.6	1.25E-01	NS	1.51E-01	NS
A_64_P050084	NM_153294	259224	Npw	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5	4.68E-02	1.6	8.32E-01	NS	3.72E-01	NS
A_44_P389072	NM_145789	252963	Il13ra1	testis derived transcript	1.07E-02	1.6	3.46E-01	NS	2.59E-02	-1.5
A_64_P045019	XR_086270			ankyrin repeat domain 55	4.94E-02	1.6	1.09E-01	NS	2.61E-02	-1.6
A_64_P155756	NM_019353	54314	Tpo	heat shock 105kDa/110kDa protein 1 CDC45 cell division cycle 45-like (S. cerevisiae)	2.59E-02	1.6	7.00E-02	NS	1.74E-01	NS
A_64_P145571	NM_001076793	691533	Lilra5	melanoma antigen, family H, 1	3.15E-02	1.6	3.09E-01	NS	4.61E-01	NS
A_64_P058923	NM_001039344	500040	Tes	fermitin family homolog 1 (Drosophila)	3.52E-02	1.6	1.87E-01	NS	3.42E-02	-1.7
A_43_P17467	XM_342195	361898	Ankrd55	similar to ribosomal protein L35a	2.63E-02	1.6	2.62E-02	1.7	7.73E-01	NS
A_44_P121374	NM_001011901	288444	Hsph1	lipid phosphate phosphatase-related protein type 4	3.66E-02	1.6	4.73E-04	1.7	4.66E-01	NS
A_44_P1030098	NM_001105866	287961	Cdc45l	family with sequence similarity 184, member A	2.17E-02	1.6	3.58E-02	1.3	2.54E-01	NS
A_44_P436336	NM_001013250	367767	Mageh1	calpain 1	8.46E-03	1.6	1.24E-02	1.3	2.04E-01	NS
A_64_P096871	NM_001106515	296179	Fermt1	transmembrane emp24 protein transport domain containing 9	4.15E-02	1.6	2.81E-01	NS	3.75E-01	NS
A_64_P113982	XM_001072004	689786	LOC689786	carbohydrate (chondroitin 4) sulfotransferase 11	2.40E-03	1.6	7.29E-01	NS	5.60E-02	NS
A_64_P017083	NM_001001508	295401	Lppr4	zinc finger, AN1-type domain 2A	3.06E-02	1.6	7.49E-01	NS	2.34E-01	NS
A_64_P015183	AF235993			defensin alpha 10	2.16E-02	1.6	2.85E-01	NS	4.55E-01	NS
A_64_P149764	XR_086152	361853	Fam184a	lin-7 homolog C (C. elegans)	3.44E-02	1.6	5.30E-01	NS	4.10E-01	NS
A_64_P166406	NM_019152	29153	Capn1		4.00E-02	1.6	1.13E-01	NS	1.93E-02	-1.8
A_44_P316504	NM_001009703	361207	Tmed9		1.61E-02	1.6	8.78E-02	NS	1.93E-01	NS
A_64_P031781	XM_001057861				1.37E-02	1.6	1.98E-02	1.3	7.85E-03	-1.6
A_64_P128209	NM_001108079	314694	Chst11		3.27E-02	1.6	4.80E-01	NS	3.49E-02	-2.3
A_42_P457692	NM_001008363	360772	Zfand2a		4.40E-02	1.6	5.18E-02	NS	7.85E-01	NS
A_64_P125531	NM_001033074	613221	Defa10		4.09E-02	1.6	8.02E-01	NS	6.98E-01	NS
A_64_P033322	NM_021851	60442	Lin7c		2.31E-02	1.6	1.43E-01	NS	3.84E-02	-1.3
A_64_P086529	XM_001071683				3.52E-02	1.6	1.05E-01	NS	6.34E-01	NS

A_64_P115200	AY325138	502374	Polr2l	polymerase (RNA) II (DNA directed)	3.05E-02	1.6	5.44E-01	NS	5.32E-01	NS
A_64_P035962	XM_001061186	682360	LOC682360	polypeptide L hypothetical protein LOC682360	1.66E-02	1.6	5.28E-01	NS	2.94E-02	-3.4
A_64_P013398	NM_053765	114711	Gne	epimerase/N-acetylmannosamine kinase	2.68E-02	1.6	4.56E-03	1.2	5.59E-02	NS
A_64_P012232	NM_017136	29230	Sqle	squalene epoxidase	3.44E-02	1.6	4.07E-03	1.4	1.71E-01	NS
A_64_P127966	NM_001127639	684536	Gba	glucosidase, beta, acid	3.66E-02	1.6	9.27E-02	NS	1.22E-01	NS
A_42_P492882	NM_001106857	301009	Nckipsd	NCK interacting protein with SH3 domain	2.72E-02	1.6	7.63E-02	NS	1.10E-02	-1.7
A_44_P899127	NM_001024334	500300	LOC500300	similar to hypothetical protein MGC6835	2.95E-02	1.6	1.39E-02	-1.8	2.52E-01	NS
A_42_P834852	NM_001105844	287738	Higd1b	HIG1 hypoxia inducible domain family, member 1B	3.29E-02	1.6	9.55E-01	NS	2.61E-02	-1.4
A_44_P231444	NM_001013042	287796	Slc39a11	solute carrier family 39 (metal ion transporter), member 11	3.14E-02	1.6	9.62E-01	NS	4.01E-02	-1.8
A_64_P077920		308956	LOC308956	similar to NAD(P) dependent steroid dehydrogenase-like	1.77E-02	1.6	1.02E-01	NS	6.90E-01	NS
A_64_P024497	BF549728				4.40E-02	1.6	4.46E-02	-1.9	5.82E-02	NS
A_64_P052440	NM_001100630	360589	Ints2	integrator complex subunit 2	4.86E-03	1.6	4.48E-03	1.3	3.26E-01	NS
A_44_P483360	NM_001108498	361625	Nrip3	nuclear receptor interacting protein 3	4.60E-02	1.6	1.11E-02	1.5	1.13E-01	NS
A_64_P020968	NM_001013063	292461	Raet1l	retinoic acid early transcript 1L	1.29E-02	1.6	6.99E-01	NS	1.07E-01	NS
A_64_P056485	XM_001070932	498814	Mtcp1	mature T-cell proliferation 1 similar to receptor expression enhancing protein 2	1.58E-02	1.6	2.13E-02	1.2	3.40E-01	NS
A_44_P392201	NM_001048047	682105	LOC682105		4.96E-02	1.6	8.54E-01	NS	1.67E-01	NS
A_64_P104185	XM_001068424				3.53E-02	1.6	1.41E-01	NS	5.82E-01	NS
A_64_P071725	XM_227554	310727	Igsf2	immunoglobulin superfamily, member 2	1.89E-02	1.6	2.98E-01	NS	1.43E-01	NS
A_42_P667696	XM_236661	316023	Dclk3	doublecortin-like kinase 3	3.23E-02	1.6	4.96E-01	NS	4.25E-02	-2.2
A_64_P140636	NM_001109496	688390	LOC688390	hypothetical protein LOC688390	4.44E-02	1.6	6.52E-01	NS	1.55E-02	-1.7
A_64_P090495	XM_228242				4.78E-02	1.6	9.89E-01	NS	3.60E-01	NS
A_42_P459855	NM_001113791	501007	RGD1562618	similar to RIKEN cDNA 6030419C18 gene	2.17E-02	1.6	2.60E-01	NS	2.16E-02	-1.6
A_64_P290615	NM_001099492	690729	Vom2r19	vomeronal 2 receptor, 19	4.55E-02	1.6	6.78E-01	NS	6.91E-01	NS
A_64_P043033	NM_001107110	304078	Cbr3	carbonyl reductase 3	2.39E-02	1.6	3.90E-01	NS	5.02E-01	NS
A_64_P066694	NM_001033898	64366	Calu	calumenin	3.79E-03	1.6	3.18E-02	1.3	2.92E-02	-1.4
A_64_P058055	XM_001053529				1.72E-02	1.6	2.22E-02	1.9	1.01E-02	-1.4
A_44_P493980	NM_030841	81005	Nptrx	neuronal pentraxin receptor caspase recruitment domain family, member 9	4.57E-02	1.6	8.25E-01	NS	8.53E-01	NS
A_42_P678430	NM_022303	64171	Card9	tumor necrosis factor (ligand) superfamily, member 13	2.14E-02	1.6	3.07E-02	1.4	3.21E-01	NS
A_64_P059660	NM_001009623	287437	Tnfsf13		2.68E-02	1.6	1.53E-03	1.3	4.09E-02	-1.9
A_64_P085425	NM_001109610	690795	H2afj	H2A histone family, member J	4.31E-02	1.6	5.64E-02	NS	4.47E-02	-1.7
A_64_P010743	NM_001109453	685046	LOC685046	hypothetical protein LOC685046 similar to chromosome 9 open reading frame 7	3.27E-02	1.6	5.12E-01	NS	4.20E-01	NS
A_42_P624493	NM_001106561	296599	RGD1311501		1.41E-02	1.6	8.16E-01	NS	2.27E-02	-3.3
A_44_P532237	NM_001108455	361435	Fanca	Fanconi anemia, complementation group A	8.29E-04	1.6	8.89E-02	NS	9.63E-01	NS
A_64_P162262	NM_139111	245978	Cklf	chemokine-like factor	1.33E-02	1.6	7.14E-02	NS	5.75E-01	NS
A_44_P131248	XM_237105				3.76E-02	1.6	9.91E-02	NS	1.36E-01	NS
A_64_P139387	NM_030586	80773	Cyb5b	cytochrome b5 type B (outer mitochondrial membrane) biliverdin reductase B (flavin reductase (NADPH))	3.34E-02	1.6	6.18E-01	NS	5.70E-02	NS
A_64_P071840	NM_001106236	292737	Blvrb		3.19E-02	1.6	4.73E-01	NS	7.48E-02	NS
A_44_P490100	XM_001060474	362702	Lclat1	lysocardiolipin acyltransferase 1	1.14E-02	1.6	2.19E-01	NS	1.20E-02	-1.6
A_44_P380527	NM_001039378	287427	Trappc1	trafficking protein particle complex 1 solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	3.87E-02	1.6	2.99E-02	1.1	3.34E-01	NS
A_64_P102433	NM_013173	25715	Slc11a2		2.91E-02	1.6	7.75E-02	NS	6.15E-02	NS
A_44_P243689	NM_001107932	313228	Invs	inversin	1.71E-03	1.6	3.02E-01	NS	9.75E-01	NS
A_64_P001740	NM_053702	114494	Ccna2	cyclin A2	2.34E-02	1.6	6.02E-02	NS	9.01E-02	NS
A_42_P818287	NM_001107762	311336	Nusap1	nucleolar and spindle associated protein 1	4.59E-02	1.6	8.35E-02	NS	2.04E-01	NS
A_43_P12839	NM_053531	85491	Vamp7	vesicle-associated membrane protein 7	1.45E-02	1.6	5.85E-01	NS	6.97E-02	NS
A_64_P087188	XM_002726633	100364138	LOC100364138	ferritin light chain 1-like family with sequence similarity 84, member A	3.66E-02	1.6	1.93E-01	NS	1.82E-02	-1.4
A_64_P061830	NM_001127299	313969	Fam84a		3.24E-02	1.6	1.70E-02	1.4	4.18E-01	NS

A_44_P318957	NM_001014779	680020	Pcdhb8	protocadherin beta 8	2.38E-02	1.6	2.23E-01	NS	1.35E-01	NS
A_64_P286599		116669	Vwf	von Willebrand factor	3.58E-02	1.6	7.12E-01	NS	1.51E-01	NS
A_44_P485640	XM_001081626	287782	RGD1565459	similar to ribosomal protein L10a	2.69E-02	1.6	2.56E-02	1.2	4.50E-02	-1.5
A_64_P030789	NM_080777	113893	Sncb	synuclein, beta	1.75E-02	1.6	2.24E-01	NS	1.24E-01	NS
A_64_P114462	NM_001008877	362901	LOC362901	Ac1254	2.56E-02	1.6	5.84E-01	NS	2.82E-01	NS
A_64_P116922	XM_002725159				1.19E-02	1.6	2.55E-01	NS	1.21E-01	NS
A_42_P780097	NM_001008280	287633	Lrrc59	leucine rich repeat containing 59	8.44E-03	1.6	2.33E-02	1.2	5.79E-01	NS
A_64_P127415	NM_001109506	688581	Elmod2	ELMO/CED-12 domain containing 2	3.93E-02	1.6	8.83E-01	NS	9.71E-01	NS
A_64_P004695	XM_001081678	287822	RGD1311422	similar to CG8841-PA	4.53E-03	1.6	4.38E-02	1.3	5.76E-02	NS
A_64_P052332	XM_002726849	299488	RGD1565705	similar to chr2 synaptotagmin	2.09E-02	1.6	6.30E-01	NS	6.80E-02	NS
A_44_P962846	NM_001107274	305987	Dock5	dedicator of cytokinesis 5	4.94E-02	1.6	2.90E-02	1.2	1.41E-01	NS
A_44_P346572	NM_001008891	361233	Ssr1	signal sequence receptor, alpha	9.89E-03	1.6	4.82E-01	NS	3.92E-01	NS
A_64_P155701	XM_001080815	303280	RGD1307929	similar to CG14967-PA	4.68E-02	1.6	7.27E-01	NS	4.91E-02	-1.2
A_64_P132586	NM_001108359	360928	Dcun1d4	DCN1, defective in cullin neddylation 1, domain containing 4 (S. cerevisiae)	1.77E-02	1.6	5.23E-01	NS	4.82E-01	NS
A_44_P290879	XM_001053669	311483	Rrbp1	ribosome binding protein 1	9.69E-03	1.6	1.64E-03	1.3	3.32E-01	NS
A_64_P123078	NM_031620	58835	Phgdh	phosphoglycerate dehydrogenase major facilitator superfamily domain	1.10E-02	1.6	7.48E-03	1.4	8.22E-02	NS
A_64_P015346	NM_001106911	301388	Mfsd6	containing 6	1.71E-02	1.6	3.01E-01	NS	2.29E-03	-1.5
A_43_P11451	NM_012536	24291	Ctrb1	chymotrypsinogen B1	3.43E-02	1.6	8.15E-01	NS	3.68E-02	-1.5
A_43_P17424	NM_001024741	288242	Chaf1b	chromatin assembly factor 1, subunit B (p60)	1.48E-02	1.6	2.37E-02	1.2	8.73E-01	NS
A_44_P403501	NM_001127597	690043	Rnf168	ring finger protein 168 similar to Werner syndrome helicase	3.86E-02	1.6	5.92E-01	NS	2.87E-01	NS
A_64_P113525	XM_001059940	290805	RGD1564788	homolog	8.09E-03	1.6	6.82E-01	NS	1.38E-02	-1.6
A_44_P339798	NM_001109417	680522	Hist1h1b	histone cluster 1, H1b	4.43E-02	1.6	7.97E-01	NS	8.43E-01	NS
A_64_P134397	NM_001071776	365875	Bola1	bolA homolog 1 (E. coli)	4.98E-02	1.6	6.34E-02	NS	1.05E-02	-1.6
A_44_P996482	NM_001025410	297995	Chmp5	chromatin modifying protein 5	3.80E-02	1.6	2.62E-02	1.3	2.33E-02	-1.5
A_42_P827204	NM_001108740	362859	Ckap4	cytoskeleton-associated protein 4	1.26E-02	1.6	2.40E-02	1.2	1.28E-01	NS
A_42_P576823	XM_225460	366937	RGD1566252	similar to Ki-67	6.56E-03	1.6	1.05E-01	NS	1.70E-01	NS
A_64_P090005	XM_225089	290952	RGD1563615	similar to Contactin associated protein-like 3 precursor (Cell recognition molecule Caspr3)	4.10E-02	1.6	1.50E-02	1.8	3.06E-01	NS
A_64_P045804	XR_005933	365444	LOC365444	similar to CGI-09 protein	2.68E-02	1.6	5.86E-02	NS	7.81E-01	NS
A_43_P12266	NM_022622	64557	Bard1	BRCA1 associated RING domain 1	8.11E-03	1.6	9.16E-02	NS	3.72E-01	NS
A_42_P619114	NM_001014204	362998	Dnajc22	DnaJ (Hsp40) homolog, subfamily C, member 22	3.15E-02	1.6	1.43E-01	NS	2.39E-02	-1.7
A_64_P100586	XR_008043				4.83E-02	1.6	4.45E-01	NS	2.31E-01	NS
A_42_P636627	NM_017110	29131	Cartpt	CART prepropeptide	4.83E-02	1.6	2.36E-02	2.4	9.59E-01	NS
A_44_P888860	NM_001134600	497896	RGD1563273	similar to hypothetical protein 9630041N07	2.82E-02	1.6	6.50E-02	NS	1.26E-01	NS
A_42_P783205	NM_147145	259171	Dclre1c	DNA cross-link repair 1C, PSO2 homolog (S. cerevisiae)	9.17E-03	1.6	5.83E-02	NS	3.93E-01	NS
A_44_P351141	NM_133593	171126	Ap3m1	adaptor-related protein complex 3, mu 1 subunit	2.00E-02	1.6	2.20E-01	NS	1.58E-01	NS
A_44_P285803	NM_138892	192252	Dctpp1	dCTP pyrophosphatase 1	2.70E-02	1.6	4.87E-02	1.2	9.26E-01	NS
A_64_P063974	XM_001067658	688624	LOC688624	hypothetical protein LOC688624	3.85E-02	1.6	8.22E-01	NS	5.16E-01	NS
A_64_P052697	XM_002726157				2.24E-02	1.6	5.96E-01	NS	2.51E-01	NS
A_44_P463912	NM_001170554	288654	Mphosph9	M-phase phosphoprotein 9	1.12E-02	1.6	3.78E-01	NS	1.39E-01	NS
A_64_P018982	NM_001108021	314111	Khl15	kelch-like 15 (Drosophila)	4.15E-02	1.7	6.63E-01	NS	1.78E-02	-1.5
A_64_P098807	XM_001073192				4.03E-02	1.7	3.41E-01	NS	2.53E-02	-1.4
A_42_P761778	XM_576697	501282	LOC501282	similar to lymphocyte antigen 6 complex, locus E ligand	2.10E-02	1.7	6.53E-01	NS	3.87E-02	-1.6
A_64_P014497	NM_001100978	311405	Tmem127	transmembrane protein 127	4.90E-02	1.7	4.57E-01	NS	1.15E-01	NS
A_42_P534172	NM_053983	117054	Cd52	CD52 antigen	3.75E-02	1.7	1.62E-01	NS	2.30E-01	NS
A_44_P998137	NM_053461	84592	Cetn1	centrin 1	2.06E-02	1.7	8.63E-02	NS	4.95E-01	NS
A_64_P163718	NM_001013187	361074	Slc25a30	solute carrier family 25, member 30	1.76E-02	1.7	3.86E-01	NS	6.88E-03	-1.7
A_44_P426924	NM_001109531	689296	LOC689296	similar to expressed sequence C79407	1.93E-02	1.7	6.26E-02	NS	4.18E-01	NS
A_44_P258417	NM_001009699	316237	Mad211bp	MAD2L1 binding protein	2.49E-02	1.7	6.63E-01	NS	4.75E-01	NS
A_64_P040960	NM_001126274	305458	Tmem129	transmembrane protein 129	1.96E-02	1.7	8.86E-02	NS	2.58E-01	NS
A_64_P157020	NM_001109244	500224	Lbx2	ladybird homeobox 2	1.35E-03	1.7	2.84E-02	1.4	9.49E-01	NS

A_64_P142992	NM_001025769	499943	C2orf165	chromosome 20 open reading frame 165	4.71E-02	1.7	9.71E-01	NS	1.74E-01	NS
A_64_P136521	XM_233308	298316	Nkrf	NFKB repressing factor	2.70E-02	1.7	6.16E-01	NS	2.54E-01	NS
A_44_P318466	NM_001009536	494338	Trim25	tripartite motif-containing 25	1.50E-02	1.7	9.87E-01	NS	9.17E-03	-1.7
A_44_P161220	NM_080482	140610	Dcb1	deleted in bladder cancer 1 (human)	1.49E-02	1.7	5.45E-02	NS	7.28E-01	NS
A_64_P119916	NM_024141	79107	Duox2	dual oxidase 2	3.28E-02	1.7	4.42E-02	1.2	2.32E-02	-1.7
A_64_P021696	XM_001057506	502541	Lor	loricin	2.82E-02	1.7	9.71E-01	NS	5.60E-02	NS
A_64_P089150	NM_001127633	682457	Txlna	taxilin alpha	4.44E-03	1.7	1.42E-01	NS	8.67E-01	NS
A_64_P144143	NM_001007146	315159	Tob2	transducer of ERBB2, 2	2.60E-02	1.7	4.99E-01	NS	5.30E-01	NS
A_43_P10705	NM_001014163	361675	Cend1	cell cycle exit and neuronal differentiation 1	2.18E-02	1.7	5.25E-02	NS	2.93E-01	NS
A_44_P468873	XM_001055438	363484	Chic1	cysteine-rich hydrophobic domain 1	4.20E-02	1.7	8.54E-01	NS	1.35E-02	-2.4
A_64_P006257	EV777635				1.97E-02	1.7	7.71E-01	NS	5.74E-01	NS
A_42_P540711	NM_133568	171099	Rasd2	RASD family, member 2	1.41E-02	1.7	1.48E-01	NS	1.04E-01	NS
A_44_P360650	NM_001000066	288832	Olr1058	olfactory receptor 1058	1.52E-02	1.7	3.30E-01	NS	3.18E-01	NS
A_64_P106853	XR_008769	290671	Ndufa13-ps	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 13 pseudogene	2.35E-02	1.7	6.55E-01	NS	2.52E-01	NS
A_43_P21810	NM_001025000	308129	lyd	iodotyrosine deiodinase	4.61E-02	1.7	6.60E-01	NS	1.15E-01	NS
A_44_P352252	NM_138841	192153	Gpr26	G protein-coupled receptor 26	4.52E-02	1.7	5.34E-01	NS	3.55E-01	NS
A_44_P366251	NM_001105862	287940	Hic2	hypermethylated in cancer 2	2.37E-02	1.7	6.43E-01	NS	7.40E-01	NS
A_42_P604252	NM_001108797	363236	Fam117b	family with sequence similarity 117, member B	2.65E-02	1.7	2.98E-01	NS	1.78E-01	NS
A_64_P012325	NM_001106668	298280	Slc35d1	solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter), member D1	4.90E-02	1.7	8.92E-01	NS	3.88E-02	-1.5
A_64_P130407	XM_001078620	691521	LOC691521	similar to MEGF11 protein	4.54E-02	1.7	2.08E-03	2.0	1.18E-01	NS
A_42_P467531	XM_001077162	687121	LOC687121	1	1.07E-02	1.7	7.03E-02	NS	3.17E-01	NS
A_44_P1036481	XM_002724884				3.36E-02	1.7	6.24E-01	NS	5.47E-02	NS
A_64_P045388	NM_031802	83633	Gabbr2	gamma-aminobutyric acid (GABA) B receptor 2	4.47E-02	1.7	4.47E-01	NS	9.80E-02	NS
A_64_P021433	NM_001007755	363285	Scly	selenocysteine lyase	3.04E-02	1.7	4.51E-03	1.3	3.03E-02	-1.7
A_44_P252623	NM_001004097	408247	Try10	trypsin 10	1.83E-03	1.7	3.73E-01	NS	2.62E-01	NS
A_44_P121039	NM_172008	29144	Canx	calnexin	1.40E-02	1.7	2.19E-01	NS	2.85E-02	-1.7
A_64_P042405	NM_001106163	291794	Snrpd1	small nuclear ribonucleoprotein D1	4.34E-02	1.7	1.68E-01	NS	8.19E-01	NS
A_64_P268234	XM_343359	363028	Spc24	SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae)	1.64E-02	1.7	5.15E-01	NS	9.13E-01	NS
A_44_P313825	NM_019335	54287	Eif2ak2	eukaryotic translation initiation factor 2-alpha kinase 2	2.39E-02	1.7	4.88E-01	NS	3.35E-02	-1.4
A_42_P678378	NM_134472	171529	Kif2c	kinesin family member 2C	1.63E-02	1.7	2.77E-01	NS	4.39E-02	2.2
A_44_P425619	BC166838	363109	Pgm3	phosphoglucomutase 3	3.39E-02	1.7	1.39E-02	1.3	6.17E-02	NS
A_43_P12090	NM_021662	59294	Pold1	polymerase (DNA directed), delta 1, catalytic subunit	4.57E-02	1.7	2.30E-01	NS	9.91E-01	NS
A_44_P219628	NM_053840	116568	Ggt1	gamma-glutamyltransferase 1	8.17E-03	1.7	1.91E-01	NS	4.96E-01	NS
A_64_P106760	NM_001025150	500101	Tas2r40	taste receptor, type 2, member 40	2.12E-02	1.7	7.37E-03	1.6	2.03E-01	NS
A_44_P109575	NM_024154	79123	Accn2	amiloride-sensitive cation channel 2, neuronal	4.02E-03	1.7	8.04E-01	NS	7.92E-01	NS
A_64_P157939	NM_001109357	502968	Zfp352	zinc finger protein 352	1.17E-02	1.7	6.55E-04	1.8	2.29E-01	NS
A_44_P1039606	NM_001024257	307805	Cenpt	centromere protein T	1.34E-02	1.7	1.10E-02	1.3	3.05E-01	NS
A_44_P368249	NM_001173555	362508	Spag8	sperm associated antigen 8	8.82E-03	1.7	5.78E-03	1.3	4.26E-01	NS
A_44_P682891	NM_001007617	289419	Nuak2	NUAK family, SNF1-like kinase, 2	2.26E-02	1.7	3.86E-01	NS	4.97E-01	NS
A_44_P182807	NM_001108401	361174	Alg11	asparagine-linked glycosylation 11, alpha-1,2-mannosyltransferase homolog (yeast)	1.68E-02	1.7	1.00E-01	NS	3.95E-02	-1.3
A_64_P004488	NM_001000125	293193	Olr44	olfactory receptor 44	2.19E-02	1.7	6.06E-01	NS	6.53E-01	NS
A_42_P719607	NM_153721	246358	Pbbp	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)	2.69E-03	1.7	6.18E-01	NS	1.92E-01	NS
A_64_P111749	XM_001057533	84391	Kif2a	kinesin family member 2A	2.06E-02	1.7	4.83E-03	1.9	8.59E-01	NS
A_64_P003363	XM_001063568				3.92E-02	1.7	5.83E-01	NS	3.83E-01	NS
A_64_P307087	XM_001058120	680643	LOC680643	similar to MIC2 like 1	2.33E-02	1.7	1.81E-01	NS	5.46E-03	-1.8

A_44_P454232	NM_201561	306942	Scgn	secretagogin, EF-hand calcium binding protein	4.37E-02	1.7	9.92E-01	NS	1.38E-01	NS
A_64_P126999	NM_001000925	405243	Olr661	olfactory receptor 661	3.26E-02	1.7	3.61E-01	NS	7.65E-01	NS
A_64_P153870	NM_001047854	293628	Chid1	chitinase domain containing 1 family with sequence similarity 18, member B2	2.92E-02	1.7	3.25E-03	1.3	4.90E-01	NS
A_44_P335247	NM_001107568	687358	Fam18b2	G2e3	3.30E-02	1.7	1.03E-01	NS	9.22E-01	NS
A_64_P047465	NM_001106726	299002	G2e3	G2/M-phase specific E3 ubiquitin ligase	2.62E-02	1.7	2.68E-01	NS	9.59E-02	NS
A_64_P120836	NM_053903	116683	Efna5	efrin A5	1.96E-02	1.7	5.22E-01	NS	4.52E-02	-1.6
A_64_P330354	NM_001170471	305955	Zc3h13	zinc finger CCCH type containing 13	2.40E-02	1.7	3.56E-01	NS	3.15E-02	-1.7
A_44_P481398	NM_022861	64829	Unc13a	unc-13 homolog A (C. elegans)	3.44E-02	1.7	1.40E-01	NS	7.02E-02	NS
A_44_P1011716	NM_017161	29316	Adora2b	adenosine A2B receptor	3.92E-02	1.7	3.16E-02	1.2	6.11E-02	NS
A_64_P111714	NM_001108566	362040	Ostc	oligosaccharyltransferase complex subunit	4.37E-02	1.7	8.59E-03	1.4	5.93E-01	NS
A_64_P059565	NM_183403	29326	Gpx2	glutathione peroxidase 2	2.52E-02	1.7	9.32E-02	NS	6.86E-02	NS
A_44_P507571	NM_001100821	25729	Ccne1	cyclin E1	8.84E-03	1.7	2.57E-01	NS	3.04E-01	NS
A_42_P804913	XR_086142	361773	RGD1307158	similar to oocyte-testis gene 1	1.54E-02	1.7	4.18E-01	NS	5.86E-03	-1.9
A_64_P144711	XM_002724915	678708	LOC678708	similar to histone 1, H2ai mesoderm specific transcript homolog (mouse)	4.93E-02	1.7	5.98E-01	NS	5.01E-01	NS
A_64_P032683	NM_001009617	58827	Mest	mesoderm specific transcript homolog (mouse)	3.54E-02	1.7	8.23E-01	NS	5.23E-02	NS
A_64_P035843	CB763787	499352	RGD1561251	RGD1561251	4.82E-02	1.7	4.14E-02	-1.7	3.98E-01	NS
A_64_P106739	XM_579959	499399	RGD1559984	RGD1559984	2.85E-02	1.7	6.55E-01	NS	3.21E-01	NS
A_64_P162633	NM_054000	117105	Kcnb2	potassium voltage gated channel, Shab-related subfamily, member 2	3.91E-02	1.7	4.86E-01	NS	1.29E-02	-2.1
A_42_P580844	NM_019296	54237	Cdc2	cell division cycle 2, G1 to S and G2 to M	2.86E-02	1.7	9.01E-02	NS	8.15E-02	NS
A_64_P005810	XM_001067223				4.01E-02	1.7	9.31E-01	NS	4.50E-02	-2.4
A_64_P006183	XM_001081399	363677	Gjd3	gap junction protein, delta 3	4.75E-02	1.7	1.71E-01	NS	6.84E-01	NS
A_64_P000539	NM_053930	116727	Gp1bb	glycoprotein Ib (platelet), beta polypeptide	7.70E-03	1.7	6.87E-02	NS	6.00E-01	NS
A_64_P117303	NM_001008757	303527	Krt33a	keratin 33A	3.86E-02	1.7	5.20E-01	NS	6.51E-01	NS
A_44_P231583	NM_032462	65199	Kcnp3	Kv channel interacting protein 3, calсениlin	1.90E-02	1.7	5.75E-02	NS	1.08E-01	NS
A_44_P531770	NM_022183	360243	Top2a	topoisomerase (DNA) II alpha	3.06E-02	1.7	7.66E-02	NS	1.88E-02	3.3
A_64_P108200	NM_001009645	293502	Kif22	kinesin family member 22	3.10E-02	1.7	4.50E-02	1.2	1.30E-01	NS
A_64_P029551	NM_212466	294257	Cfb	complement factor B	4.03E-02	1.7	3.24E-02	1.3	2.61E-02	-3.5
A_64_P145852	NM_001100983	362816	Myl6l	myosin, light polypeptide 6, alkali, smooth muscle and non-muscle-like	4.79E-02	1.7	1.21E-01	NS	4.01E-02	-1.4
A_44_P283339	NM_001004249	300888	Tmed3	transmembrane emp24 protein transport domain containing 3	2.14E-02	1.7	1.39E-02	1.2	1.58E-01	NS
A_44_P148407	NM_001004442	286906	Pdia6	protein disulfide isomerase family A, member 6	3.42E-03	1.7	8.83E-04	1.5	5.37E-01	NS
A_64_P150759	XM_001054323	679750	LOC679750	similar to Salivary gland secretion 1	2.53E-02	1.7	8.14E-02	NS	3.22E-01	NS
A_44_P313767	NM_022712	64678	Tfrc	CG3047-PA transferrin receptor	2.02E-02	1.7	2.25E-02	1.3	3.53E-01	NS
A_64_P074332	NM_001108183	315989	Manf	mesencephalic astrocyte-derived neurotrophic factor	1.93E-02	1.7	4.48E-02	1.4	4.81E-01	NS
A_64_P068353	XM_225460	366937	RGD1566252	similar to Ki-67	5.38E-03	1.7	1.21E-01	NS	1.75E-01	NS
A_44_P231269	NM_053551	89813	Pdk4	pyruvate dehydrogenase kinase, isozyme 4	3.54E-02	1.7	5.36E-01	NS	1.33E-01	NS
A_44_P192543	NM_001013105	300211	Fkbp11	FK506 binding protein 11	4.32E-03	1.7	2.10E-03	1.4	9.40E-02	NS
A_42_P757414	XM_001074393	290396	Diaph3	diaphanous homolog 3 (Drosophila)	3.90E-02	1.7	3.35E-01	NS	4.33E-01	NS
A_64_P057340	NM_133411	170924	Abcc4	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	1.38E-02	1.7	5.71E-02	NS	2.36E-01	NS
A_64_P104469	NM_001044224	252918	Spag5	sperm associated antigen 5	9.58E-03	1.7	6.51E-02	NS	2.09E-01	NS
A_64_P011000	XM_001070045	501590	RGD1562081	RGD1562081	2.77E-02	1.7	2.08E-01	NS	2.79E-01	NS
A_44_P252491	NM_053870	116649	Kcnj4	potassium inwardly-rectifying channel, subfamily J, member 4	2.08E-02	1.7	1.17E-01	NS	1.13E-01	NS
A_64_P066601	NM_001106323	293660	Rhod	ras homolog gene family, member D similar to N-acetyltransferase ESCO2 (Establishment of cohesion 1 homolog 2)	1.46E-02	1.7	7.17E-02	NS	8.16E-02	NS
A_64_P072204	XM_002725115	691979	LOC691979	(ECO1 homolog 2)	4.89E-02	1.7	1.47E-02	1.7	1.32E-01	NS
A_64_P111495	NM_001106977	302935	Ubn1	(ECO1 homolog 2) ubinuclein 1	2.24E-02	1.7	9.20E-01	NS	5.24E-01	NS

A_64_P043722	NM_022286	64060	Vps33b	vacuolar protein sorting 33 homolog B (yeast)	4.04E-02	1.7	2.27E-01	NS	1.27E-01	NS
A_64_P092787	XM_001067275	295117	RGD1562064	similar to hypothetical protein MGC48915	8.79E-03	1.7	6.27E-02	NS	7.23E-01	NS
A_44_P1019148	NM_001040180	292777	Tbcb	tubulin folding cofactor B	2.88E-02	1.7	3.68E-02	1.3	2.80E-01	NS
A_64_P156543	NM_001053368				3.86E-02	1.7	2.69E-03	1.3	1.95E-01	NS
A_64_P121427	XM_001108613	362287	Slc17a9	solute carrier family 17, member 9	2.61E-03	1.7	1.43E-02	1.4	3.38E-01	NS
A_44_P653701	NM_001106536	296344	Mybl2	myeloblastosis oncogene-like 2	3.53E-03	1.7	1.91E-01	NS	3.31E-02	2.6
A_64_P109337	XM_002725565				1.47E-03	1.7	1.48E-02	1.3	3.61E-01	NS
A_44_P1013006	NM_001106629	297738	Steap1	six transmembrane epithelial antigen of the prostate 1	3.52E-02	1.7	2.52E-03	1.7	1.61E-02	1.7
A_64_P105211	XM_233310				2.94E-02	1.7	1.94E-01	NS	2.95E-01	NS
A_44_P520349	XM_573544	305123	Brdt	bromodomain, testis-specific	6.90E-03	1.7	1.94E-01	NS	1.74E-01	NS
A_44_P215157	NM_021758	60377	Lin7b	lin-7 homolog b (C. elegans)	1.42E-02	1.7	2.19E-01	NS	2.86E-01	NS
A_64_P040213	XM_001074243				4.28E-02	1.7	7.18E-01	NS	8.87E-01	NS
A_64_P078822	NM_001024259	310914	Bmpr1b	bone morphogenetic protein receptor, type IB	9.75E-03	1.7	2.38E-02	1.2	2.71E-02	-1.6
A_64_P005208	NM_017000	24314	Nqo1	NAD(P)H dehydrogenase, quinone 1	2.21E-02	1.7	8.10E-02	NS	2.16E-01	NS
A_44_P1008950	NM_001013880	290651	Isyna1	inositol-3-phosphate synthase 1	5.27E-03	1.7	7.02E-02	NS	2.38E-01	NS
A_64_P081020	XM_001053529				1.07E-02	1.7	8.95E-01	NS	9.74E-01	NS
A_64_P114338	NM_001109201	499836	RGD1563263	similar to RIKEN cDNA 1700029115 protein tyrosine phosphatase, receptor type, H	1.20E-02	1.7	4.49E-01	NS	1.27E-01	NS
A_44_P290457	XM_574357	171125	Ptprh	similar to RIKEN cDNA 1700029115 protein tyrosine phosphatase, receptor type, H	4.42E-02	1.7	3.46E-02	-1.2	8.21E-01	NS
A_64_P119765	XM_001069014	688972	LOC688972	similar to Glycophorin	4.90E-02	1.7	5.74E-01	NS	4.54E-02	-1.9
A_64_P044137	NM_001135896	362945	Lrrc24	leucine rich repeat containing 24 similar to NADH dehydrogenase (ubiquinone) 1 beta subcomplex 3	1.21E-02	1.7	1.09E-02	1.4	1.11E-02	-1.9
A_44_P171008	XM_001053805	678918	LOC678918	(ubiquinone) 1 beta subcomplex 3	2.62E-02	1.7	3.67E-02	1.4	4.50E-01	NS
A_44_P362954	NM_012520	24248	Cat	catalase	3.90E-03	1.7	2.50E-01	NS	8.44E-01	NS
A_64_P101204	NM_133315	170840	Slc40a1	solute carrier family 39 (iron-regulated transporter), member 1	1.15E-02	1.7	4.29E-01	NS	8.31E-01	NS
A_64_P023219	XM_001065024	685727	LOC685727	similar to neuron navigator 3	2.45E-02	1.7	2.48E-01	NS	1.49E-01	NS
A_64_P042890		503150	RGD1561670	similar to ribosomal protein budding uninhibited by benzimidazoles 1 homolog, beta (S. cerevisiae)	2.41E-02	1.7	8.33E-01	NS	2.65E-02	-1.6
A_43_P10723	XM_001080736	171576	Bub1b	similar to keratinocytes associated protein 3	3.63E-02	1.7	2.50E-02	1.4	8.13E-02	NS
A_43_P19743	NM_001109674	683980	LOC683980		2.75E-02	1.7	2.16E-01	NS	3.92E-02	-1.9
A_64_P096157	XM_347163				4.09E-02	1.7	1.15E-01	NS	2.78E-01	NS
A_44_P342578	XM_217568	302396	RGD1561931	similar to KIAA2022 protein	2.37E-02	1.7	1.78E-01	NS	4.48E-03	-2.1
A_42_P477311	NM_001013170	314442	Wars	tryptophanyl-tRNA synthetase	2.24E-02	1.7	1.40E-01	NS	2.41E-01	NS
A_64_P165877	AY387058				3.69E-02	1.7	6.96E-02	NS	5.70E-02	NS
A_44_P214811	NM_022712	64678	Tfrc	transferrin receptor	8.43E-03	1.7	1.11E-02	1.4	6.15E-02	NS
A_64_P072422	XM_001079712				3.87E-02	1.7	3.35E-02	1.2	9.21E-02	NS
A_64_P012154	XM_225935	291595	RGD1561627	similar to hypothetical protein 4930474N05	2.27E-02	1.7	8.71E-01	NS	1.93E-01	NS
A_42_P496322	XM_574285	498995	Ncoa7	nuclear receptor coactivator 7	2.64E-02	1.7	9.67E-01	NS	1.31E-02	-2.1
A_44_P336608	NM_001106831	300783	RGD1565496	similar to Butyrate-induced transcript 1 mitogen-activated protein kinase kinase	2.32E-02	1.7	2.34E-01	NS	2.02E-01	NS
A_64_P080887	XM_002726763	500690	Map3k9	kinase 9	9.91E-03	1.7	5.93E-02	NS	9.95E-01	NS
A_64_P000645	NM_001029918	311123	Ttc30a1	tetratricopeptide repeat domain 30A1	4.14E-02	1.7	3.00E-01	NS	2.02E-01	NS
A_44_P546537	NM_021663	59295	Nucb2	nucleobindin 2	3.00E-02	1.7	9.42E-03	1.3	1.51E-01	NS
A_64_P014366	NM_053770	114901	Sorbs2	sorbin and SH3 domain containing 2 neurotrophic tyrosine kinase, receptor, type 2	1.86E-02	1.7	6.91E-01	NS	1.57E-02	-1.7
A_43_P15837	NM_001163169	25054	Ntrk2	serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antitrypsinase, antitrypsin), member 11	3.80E-02	1.7	5.18E-01	NS	2.80E-01	NS
A_44_P172787	NM_001008776	362774	Serpina11	antitrypsin, member 11	4.35E-02	1.7	7.60E-01	NS	1.34E-01	NS
A_64_P114278	NM_001000519	315573	Olr1307	olfactory receptor 1307	8.95E-03	1.7	2.51E-01	NS	7.02E-01	NS
A_44_P548559	NM_001109577	690315	Derl3	Der1-like domain family, member 3	2.13E-02	1.8	3.27E-04	2.1	3.61E-01	NS
A_64_P010214	NM_001135780	313108	RGD1304693	similar to CG14803-PA	6.95E-03	1.8	1.34E-02	1.4	1.83E-01	NS
A_64_P059640	NM_012916	25393	Bcan	brevican	4.27E-02	1.8	8.72E-01	NS	2.04E-01	NS
A_64_P066689	NM_001033898	64366	Calu	calumenin	4.89E-02	1.8	4.87E-02	1.2	2.04E-01	NS

A_64_P125345	NM_053630	114032	Kcnh4	potassium voltage-gated channel, subfamily H (eag-related), member 4	1.48E-02	1.8	4.53E-01	NS	2.10E-02	-2.0
A_64_P061061	NM_001109177	499539	Lmbrd2	LMBR1 domain containing 2	3.18E-02	1.8	3.76E-01	NS	3.67E-01	NS
A_64_P020769	NM_001108205	316238	Rsph9	radial spoke head 9 homolog (Chlamydomonas)	4.37E-02	1.8	1.23E-02	1.3	2.16E-01	NS
A_42_P621872	NM_172091	24953	Gcgr	glucagon receptor	2.34E-02	1.8	7.71E-01	NS	2.50E-01	NS
A_44_P555767	XM_234477				4.32E-02	1.8	5.59E-01	NS	9.93E-01	NS
A_42_P540609	XM_001056892	680711	LOC680711	hypothetical protein LOC680711	4.85E-02	1.8	1.85E-01	NS	5.15E-01	NS
A_43_P12769	NM_053329	79438	Igfals	insulin-like growth factor binding protein, acid labile subunit	2.20E-03	1.8	1.79E-03	1.3	8.23E-02	NS
A_42_P757258	NM_001107609	309523	Kif20b	kinesin family member 20B	1.93E-02	1.8	1.66E-02	1.3	2.24E-01	NS
A_64_P055972	NM_001109520	688996	Kcnk16	potassium channel, subfamily K, member 16	4.03E-02	1.8	8.71E-01	NS	1.17E-01	NS
A_64_P014286	NM_001107774	311422	Itpa	inosine triphosphatase (nucleoside triphosphate pyrophosphatase)	3.63E-02	1.8	3.81E-01	NS	4.28E-01	NS
A_64_P163031	NM_139111	245978	Ck1f	chemokine-like factor	2.35E-02	1.8	9.65E-02	NS	7.57E-01	NS
A_64_P110059	NM_001009694	314140	LOC314140	ribose-phosphate pyrophosphokinase I-like family with sequence similarity 3, member B	6.76E-03	1.8	5.77E-01	NS	7.55E-01	NS
A_44_P103349	NM_001107102	304050	Fam3b		1.80E-02	1.8	4.49E-01	NS	2.04E-01	NS
A_64_P037993	NM_001109612	690845	Rps4y2	ribosomal protein S4, Y-linked 2	2.87E-02	1.8	2.30E-02	1.4	4.68E-04	-2.3
A_64_P126170	XM_002724899	683955	LOC683955	similar to Feline leukemia virus subgroup C receptor-related protein 1 (Feline leukemia virus subgroup C receptor) (hFLVCR)	4.04E-02	1.8	6.34E-01	NS	5.91E-01	NS
A_44_P443328	NM_001127657	317395	Spin2a	spindlin family, member 2A	3.59E-02	1.8	4.51E-01	NS	1.43E-01	NS
A_44_P838888	XM_001081096	360588	Brip1	BRCA1 interacting protein C-terminal helicase 1	5.04E-03	1.8	1.05E-02	1.6	1.58E-01	NS
A_64_P146557	NM_133587	171119	Dscam	Down syndrome cell adhesion molecule	3.27E-02	1.8	2.76E-01	NS	7.63E-02	NS
A_44_P577090	NM_001109204	499870	Rad51	RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae)	5.94E-03	1.8	1.13E-01	NS	3.91E-01	NS
A_64_P162780	NM_001034188	309651	Ppil1	peptidylprolyl isomerase (cyclophilin)-like 1	3.32E-02	1.8	2.57E-02	1.2	2.42E-01	NS
A_44_P377396	NM_001013151	309242	Gna14	guanine nucleotide binding protein, alpha 14	1.94E-02	1.8	1.03E-01	NS	5.14E-01	NS
A_64_P041902	NM_001025653	298309	Lrrc42	leucine rich repeat containing 42	2.61E-02	1.8	1.53E-01	NS	8.80E-02	NS
A_64_P107642	NM_001106227	292654	Tmem160	transmembrane protein 160	3.81E-02	1.8	8.82E-02	NS	3.46E-02	-1.5
A_44_P993914	NM_001014125	360722	Pdia5	protein disulfide isomerase family A, member 5	3.55E-02	1.8	4.03E-02	1.2	5.36E-01	NS
A_64_P150371	NM_001126270	301701	Ndc80	NDC80 homolog, kinetochore complex component (S. cerevisiae)	4.12E-02	1.8	4.13E-02	1.3	1.99E-01	NS
A_64_P125801	XM_344537				1.88E-03	1.8	8.66E-01	NS	2.04E-01	NS
A_64_P016072	XM_342232	361932	RGD1561393	similar to CG15133-PA	4.01E-02	1.8	3.12E-01	NS	2.91E-02	-1.5
A_42_P640792	NM_053388	84403	Gjb6	gap junction protein, beta 6	2.21E-02	1.8	5.15E-01	NS	4.97E-01	NS
A_64_P078997	XM_001066532	315327	Spryd3	SPRY domain containing 3	3.67E-02	1.8	1.46E-01	NS	1.63E-02	-1.6
A_42_P838822	NM_001037198	311536	RGD1304644	similar to RIKEN cDNA 2310046K01	3.21E-02	1.8	5.26E-01	NS	1.86E-01	NS
A_44_P323349	NM_017263	29629	Gria4	glutamate receptor, ionotropic, AMPA4	1.15E-02	1.8	5.81E-01	NS	1.78E-03	-1.8
A_44_P468193	NM_145773	252915	Mxd3	Max dimerization protein 3	9.96E-03	1.8	4.75E-01	NS	9.11E-01	NS
A_64_P037486	NM_001109551	689864	Msgn1	mesogenin 1	1.59E-02	1.8	1.54E-01	NS	7.65E-01	NS
A_44_P116591	NM_134455	89808	Cx3cl1	chemokine (C-X3-C motif) ligand 1	4.17E-02	1.8	5.31E-01	NS	1.11E-01	NS
A_64_P082557	XM_001057715				2.75E-03	1.8	2.80E-02	1.3	5.56E-01	NS
A_64_P061120	NM_001166344	294268	Btnl4	butyrophilin-like 4	4.52E-02	1.8	8.49E-01	NS	3.02E-01	NS
A_64_P125045	NM_001013903	293634	Tmem171	transmembrane protein 171	4.56E-02	1.8	4.41E-01	NS	2.31E-02	-1.4
A_43_P14233	NM_022391	64193	Pttg1	pituitary tumor-transforming 1	3.46E-02	1.8	1.03E-01	NS	3.29E-01	NS
A_64_P002066	XM_001056138	680214	LOC680214	hypothetical protein LOC680214	4.55E-02	1.8	6.55E-01	NS	5.28E-01	NS
A_64_P062976	NM_001014059	312711	RGD1304952	similar to RIKEN cDNA C530028O21 gene	9.96E-03	1.8	3.29E-02	-1.3	3.85E-02	-2.5
A_64_P014962	XM_002727995	313149	LOC313149	hypothetical LOC313149	9.38E-04	1.8	7.18E-01	NS	7.90E-01	NS
A_64_P129945	NM_001008828	300247	Krt75	keratin 75	1.19E-02	1.8	2.13E-01	NS	4.21E-01	NS
A_44_P299571	NM_022705	64669	Olah	oleoyl-ACP hydrolase	4.85E-02	1.8	8.41E-01	NS	1.72E-01	NS
A_44_P238927	NM_001137642	362186	Kif18a	kinesin family member 18A	4.54E-02	1.8	6.70E-02	NS	5.46E-02	NS

A_64_P041069	NM_001127485	310775	RGD1306520	similar to receptor-interacting factor 1	4.45E-02	1.8	7.30E-01	NS	5.25E-03	-1.5
A_44_P878617	NM_001108742	362861	Slc41a2	solute carrier family 41, member 2	3.77E-02	1.8	2.89E-01	NS	2.25E-01	NS
A_64_P165521	NM_001106531	296290	Bpil1	bactericidal/permeability-increasing protein-like 1	4.49E-02	1.8	4.11E-01	NS	5.09E-01	NS
A_44_P836742	NM_573124	497937	Tmem102	transmembrane protein 102	1.83E-02	1.8	1.22E-01	NS	1.05E-01	NS
A_44_P125710	NM_173152	286937	Pex5l	peroxisomal biogenesis factor 5-like	5.53E-03	1.8	1.06E-01	NS	1.17E-01	NS
A_42_P559414	NM_053402	84426	Wnt4	wingless-type MMTV integration site family, member 4	7.18E-03	1.8	5.50E-03	1.3	4.66E-01	NS
A_42_P708181	NM_001107140	304477	Kntc1	kinetochore associated 1	3.43E-03	1.8	6.60E-02	NS	2.09E-01	NS
A_64_P047542	NM_001034151	362605	Tmem54	transmembrane protein 54	9.41E-03	1.8	1.94E-01	NS	7.65E-01	NS
A_64_P005987	NM_001107131	304375	Agfg2	ArfGAP with FG repeats 2	3.91E-02	1.8	3.98E-02	1.3	4.15E-02	-2.0
A_43_P12299	NM_022692	64633	Rab5a	RAB5A, member RAS oncogene family	4.40E-02	1.8	4.18E-01	NS	4.50E-01	NS
A_44_P146753	NM_001000128	293198	Olr39	olfactory receptor 39	3.13E-03	1.8	6.02E-01	NS	3.26E-01	NS
A_64_P118602	NM_001057789	362288	Rtel1	regulator of telomere elongation helicase 1	2.93E-02	1.8	9.10E-01	NS	1.81E-01	NS
A_44_P205572	NM_012915	25392	Atpif1	ATPase inhibitory factor 1	3.77E-02	1.8	3.39E-02	1.3	1.81E-02	-1.7
A_64_P076108	XR_086144	688542	LOC688542	carboxylesterase 5-like	1.76E-02	1.8	7.12E-01	NS	2.93E-02	-1.6
A_64_P058103	NM_001012466	303729	Enpp7	pyrophosphatase/phosphodiesterase 7	1.55E-02	1.8	7.92E-01	NS	3.28E-01	NS
A_64_P030559	NM_053761	114636	Zyx	zyxin	2.02E-02	1.8	1.13E-01	NS	1.94E-01	NS
A_64_P021980	NM_013036	25555	Sstr4	somatostatin receptor 4	1.47E-02	1.8	1.27E-01	NS	1.30E-01	NS
A_42_P748891	NM_001013974	303606	Ccdc47	coiled-coil domain containing 47	2.79E-02	1.8	1.39E-01	NS	6.65E-01	NS
A_64_P021456	NM_199376	291673	Sil1	SIL1 homolog, endoplasmic reticulum chaperone (S. cerevisiae)	1.31E-02	1.8	2.58E-02	1.2	3.46E-02	-2.1
A_64_P007518	NM_001134519	298366	Ttc39a	tetratricopeptide repeat domain 39A	1.36E-02	1.8	1.65E-01	NS	2.60E-03	-1.8
A_64_P130201	NM_031982	83810	Trpv1	transient receptor potential cation channel, subfamily V, member 1	1.51E-02	1.8	8.59E-01	NS	9.04E-01	NS
A_64_P165046	NM_001072524	292947	RGD1309903	similar to mKIAA1244 protein	8.04E-03	1.8	4.66E-01	NS	3.51E-02	-2.3
A_64_P100853	NM_001106351	293925	RGD1564599	similar to mKIAA1244 protein	3.97E-02	1.8	7.65E-02	NS	3.48E-01	NS
A_64_P062248	NM_001107667	310315	Ccdc39	coiled-coil domain containing 39	2.79E-02	1.8	9.96E-01	NS	2.29E-01	NS
A_64_P006748	NM_001000435	300524	Olr1196	olfactory receptor 1196	4.81E-02	1.8	8.06E-01	NS	4.44E-01	NS
A_43_P12467	NM_030871	81529	Pde1a	phosphodiesterase 1A, calmodulin-dependent	3.20E-02	1.8	5.08E-01	NS	7.36E-03	-1.9
A_44_P526390	NM_001108937	365684	Paip1	poly(A) binding protein interacting protein 1	3.75E-02	1.8	1.70E-01	NS	1.60E-01	NS
A_64_P104538	NM_001108172	315852	Ttk	Ttk protein kinase	6.32E-03	1.8	1.71E-01	NS	7.13E-02	NS
A_64_P058965	NM_001037503	641626	Defb13	defensin beta 13	3.93E-03	1.8	8.47E-01	NS	4.74E-01	NS
A_64_P029008	NM_198731	290551	Chdh	choline dehydrogenase	2.71E-02	1.8	2.49E-01	NS	7.92E-02	NS
A_42_P641393	NM_001115042	684771	Cdca5	cell division cycle associated 5	3.68E-02	1.8	2.95E-02	1.4	4.92E-01	NS
A_64_P070296	NM_001109502	688459	LOC688459	hypothetical protein LOC688459	3.39E-02	1.8	2.34E-01	NS	7.19E-02	NS
A_64_P081364	NM_001079689	289032	Chit1	chitinase 1 (chitotriosidase)	1.11E-02	1.8	5.78E-01	NS	1.99E-01	NS
A_64_P151438	NM_002725547				1.21E-02	1.8	2.82E-01	NS	7.79E-02	NS
A_64_P044465	NM_347067				3.45E-02	1.8	1.35E-01	NS	4.89E-01	NS
A_64_P066023	NM_001109102	498533	Fam167a	family with sequence similarity 167, member A	5.11E-03	1.8	8.40E-01	NS	1.55E-01	NS
A_42_P588785	NM_001109398	680308	Mthfd2	methylentetrahydrofolate dehydrogenase (NADP+ dependent) 2,	1.47E-02	1.8	9.43E-04	1.6	8.23E-01	NS
A_64_P007462	NM_002725190			methylenetetrahydrofolate cyclohydrolase	7.92E-03	1.8	4.50E-01	NS	2.53E-01	NS
A_64_P057481	NM_001106788	300142	Trabd	TraB domain containing	1.60E-02	1.8	6.96E-01	NS	6.86E-03	-1.5
A_64_P009250	NM_001000619	404811	Olr727	olfactory receptor 727	4.22E-03	1.8	1.78E-01	NS	9.14E-03	-1.8
A_64_P150156	NM_080690	140722	Caskin1	CASK interacting protein 1	8.99E-03	1.8	2.83E-02	1.2	1.31E-01	NS
A_44_P819401	NM_133315	170840	Slc40a1	solute carrier family 39 (iron-regulated transporter), member 1	4.01E-02	1.8	4.13E-01	NS	6.48E-01	NS
A_44_P415518	NM_022232	63880	Dnajc3	DnaJ (Hsp40) homolog, subfamily C, member 3	7.21E-03	1.8	5.34E-04	1.5	1.01E-01	NS
A_44_P116904	NM_001106109	291129	Nrsn1	neurensin 1	2.18E-02	1.8	4.95E-01	NS	7.03E-02	NS
A_44_P239306	NM_001013863	287938	YdjC	YdjC homolog (bacterial)	3.56E-03	1.8	3.59E-01	NS	4.25E-01	NS
A_44_P474101	NM_013111	25648	Slc7a1	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	4.67E-02	1.8	4.39E-01	NS	9.34E-02	NS

A_64_P050303	NM_001009654	295661	Spz25	SPC25, NDC80 kinetochore complex component, homolog (S. cerevisiae)	2.04E-02	1.9	9.26E-02	NS	1.72E-01	NS
A_64_P089400	NM_022605	64537	Hpse	heparanase	1.27E-02	1.9	1.43E-01	NS	4.64E-01	NS
A_64_P060125	XM_227717				4.72E-02	1.9	3.22E-01	NS	9.49E-01	NS
A_64_P055002	NM_199088	292890	Tsks	testis-specific serine kinase substrate	3.85E-03	1.9	3.90E-01	NS	2.30E-01	NS
A_44_P550602	XM_001080708	292902	Slc6a16	solute carrier family 6, member 16	2.06E-02	1.9	1.41E-01	NS	8.31E-03	-1.6
A_64_P019676	NM_001000157	293260	Olr124	olfactory receptor 124	7.77E-03	1.9	6.06E-02	NS	2.95E-02	-1.3
A_64_P001741	NM_053702	114494	Ccna2	cyclin A2	3.93E-03	1.9	2.97E-02	1.3	7.27E-02	NS
A_64_P099715	NM_001106538	296352	Wfdc5	WAP four-disulfide core domain 5	3.63E-02	1.9	7.56E-01	NS	1.33E-01	NS
A_42_P843603	NM_052800	24834	Tk1	thymidine kinase 1, soluble	6.58E-03	1.9	1.27E-01	NS	9.86E-02	NS
A_44_P184484	NM_177931	313479	Orc1l	origin recognition complex, subunit 1-like (yeast)	6.30E-03	1.9	3.29E-02	1.6	2.43E-01	NS
A_42_P576446	NM_001107673	310392	Slc7a11	solute carrier family 7 (cationic amino acid transporter, y+ system), member 11	2.82E-02	1.9	1.07E-01	NS	6.34E-01	NS
A_44_P370694	NM_001107961	313512	Dmbx1	diencephalon/mesencephalon homeobox 1	3.12E-02	1.9	4.02E-01	NS	4.73E-02	-1.6
A_42_P554157	NM_001015021	360734	Dnajb11	DnaJ (Hsp40) homolog, subfamily B, member 11	2.64E-02	1.9	2.34E-02	1.4	9.05E-01	NS
A_64_P029048	XM_001066421	293142	Spzcs2	signal peptidase complex subunit 2	4.17E-02	1.9	1.76E-01	NS	4.49E-02	-1.7
A_44_P356407	NM_001106069	290639	Fcho1	homolog (S. cerevisiae)	8.49E-03	1.9	4.11E-01	NS	5.72E-01	NS
A_44_P217875	XM_001058477	306871	Dsp	FCH domain only 1	6.06E-04	1.9	3.49E-04	1.4	4.28E-01	NS
A_43_P15072	NM_001013060	291713	Rit2	desmoplakin	6.09E-03	1.9	7.00E-01	NS	8.21E-01	NS
A_43_P10714	XM_001053368	361348	Mro	Ras-like without CAAX 2	4.38E-02	1.9	5.35E-03	1.3	2.31E-01	NS
A_64_P098081	XR_006811	690148	RGD1563516	maestro	4.09E-02	1.9	1.53E-01	NS	2.96E-01	NS
A_42_P555780	XM_345342	362119	C5	similar to histone protein Hist2h3c1	4.48E-02	1.9	6.20E-03	-1.7	1.30E-01	NS
A_44_P304220	NM_053719	114511	Emb	complement component 5	4.56E-02	1.9	5.44E-01	NS	1.56E-01	NS
A_42_P579577	NM_022608	64543	Sec14i3	embigin homolog (mouse)	2.11E-02	1.9	2.88E-01	NS	2.54E-01	NS
A_44_P213776	NM_052829	84556	Rims1	SEC14-like 3 (S. cerevisiae)	1.78E-02	1.9	3.55E-01	NS	3.32E-01	NS
A_64_P109018	NM_001172067	363618	Hs3st3a1	regulating synaptic membrane exocytosis 1	2.83E-02	1.9	2.80E-01	NS	2.50E-01	NS
A_64_P071556	NM_001134429	293702	Fkbp2	heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1	2.66E-02	1.9	9.22E-02	NS	2.52E-02	-2.0
A_43_P12275	NM_022635	64570	Nat8	FK506 binding protein 2	4.11E-02	1.9	6.94E-02	NS	1.34E-01	NS
A_44_P463749	XM_001077321	64455	Rasd1	N-acetyltransferase 8	1.88E-02	1.9	4.76E-01	NS	3.16E-01	NS
A_44_P529240	NM_183054	310625	Rhbg	RAS, dexamethasone-induced 1	9.59E-04	1.9	4.65E-02	1.3	3.37E-01	NS
A_64_P092026	NM_012863	25334	Bhlha15	Rh family, B glycoprotein	3.70E-02	1.9	7.63E-01	NS	8.65E-02	NS
A_64_P043392	XM_001078620	691517	Megf11	basic helix-loop-helix family, member a15	4.77E-03	1.9	1.74E-02	1.8	4.61E-01	NS
A_44_P137448	NM_017043	24693	Ptgs1	multiple EGF-like-domains 11	3.55E-02	1.9	3.45E-03	1.3	2.02E-01	NS
A_43_P12258	NM_022605	64537	Hpse	prostaglandin-endoperoxide synthase 1	3.18E-02	1.9	4.53E-02	1.3	6.35E-02	NS
A_43_P21779	XM_001062907	366531	Ttc39d	heparanase	1.10E-03	1.9	9.31E-01	NS	9.05E-01	NS
A_43_P10591	NM_001025735	362479	Tcea1	tetratricopeptide repeat domain 39D	4.23E-02	1.9	9.83E-01	NS	1.58E-02	-1.6
A_64_P163822	NM_001126083	498709	Cks2	transcription elongation factor A (SII) 1	2.90E-02	1.9	2.82E-01	NS	2.84E-01	NS
A_64_P022511	NM_001170594	311327	Casc5	CDC28 protein kinase regulatory subunit 2	7.14E-03	1.9	8.55E-01	NS	5.78E-01	NS
A_44_P304387	NM_020076	56823	Haoa	cancer susceptibility candidate 5	3.28E-02	1.9	8.22E-01	NS	5.98E-01	NS
A_43_P12718	NM_032069	84016	Grip1	3-hydroxyanthranilate 3,4-dioxygenase	3.09E-02	1.9	5.47E-01	NS	4.52E-01	NS
A_42_P621514	XM_002726351			glutamate receptor interacting protein 1	1.21E-03	1.9	2.14E-01	NS	2.89E-02	-1.7
A_42_P548796	NM_021762	60381	Tsn	translin	4.87E-02	1.9	2.04E-02	1.2	4.77E-01	NS
A_43_P16967	NM_001013085	297096	Snx10	sorting nexin 10	1.20E-02	1.9	9.49E-01	NS	3.63E-02	-1.6
A_64_P097922	NM_001000662	404862	Olr582	oligofactin 10	6.86E-04	1.9	7.47E-01	NS	7.81E-01	NS
A_64_P113802	NM_001025740	362720	Rrm2	olifactory receptor 582	8.21E-03	1.9	1.83E-02	1.5	3.18E-01	NS
A_64_P125147	XM_238235	24641	Flg	ribonucleotide reductase M2	4.03E-03	1.9	4.68E-01	NS	5.05E-01	NS
A_43_P21680	NM_001014001	306469	RGD1307325	filaggrin	3.49E-02	1.9	9.66E-01	NS	3.42E-02	-1.6
A_64_P141564	NM_001105861	287930	Top3b	similar to RIKEN cDNA 4933411K20	4.50E-02	1.9	2.20E-01	NS	1.43E-01	NS
A_64_P005254	XM_001071529	689656	LOC689656	topoisomerase (DNA) III beta	1.49E-02	1.9	9.68E-02	NS	4.66E-01	NS
A_44_P1010816	NM_001106134	291441	Ska1	hypothetical protein LOC689656	3.52E-02	1.9	1.68E-01	NS	1.42E-01	NS
A_64_P062969	NM_001014059	312711	RGD1304952	spindle and kinetochore associated complex subunit 1	8.57E-03	1.9	6.13E-01	NS	4.80E-01	NS
A_44_P115192	NM_052983	114613	Slc5a5	similar to RIKEN cDNA C530028Q21 gene	5.65E-04	1.9	8.41E-01	NS	2.37E-01	NS
				solute carrier family 5 (sodium iodide symporter), member 5						

A_42_P513050	NM_001106375	294103	Papss2	3'-phosphoadenosine 5'-phosphosulfate synthase 2	4.55E-02	1.9	4.51E-03	1.2	7.24E-01	NS
A_44_P325863	NM_053594	94202	Ptprr	protein tyrosine phosphatase, receptor type, R	3.36E-02	1.9	6.87E-01	NS	5.06E-02	NS
A_64_P161994	NM_001033666	502674	Dstn	desmin	4.04E-02	1.9	5.32E-02	NS	3.52E-01	NS
A_64_P094793	XM_001055690	680095	LOC680095	hypothetical protein LOC680095	3.61E-02	1.9	4.61E-01	NS	2.26E-02	-1.7
A_64_P028556	XM_001063746				7.06E-03	1.9	1.01E-01	NS	1.24E-01	NS
A_44_P863259	XR_008228	305681	RGD1566399	similar to MYST histone acetyltransferase monocytic leukemia 4	4.59E-02	1.9	9.62E-01	NS	4.68E-02	-1.4
A_64_P013813	NM_019135	25069	Tnfrsf8	tumor necrosis factor receptor superfamily, member 8	4.42E-03	1.9	2.88E-01	NS	5.20E-01	NS
A_64_P084538	NM_001108073	314640	Tjp3	tight junction protein 3	3.96E-02	1.9	7.12E-01	NS	5.01E-02	NS
A_64_P104988	NM_001130572	366953	Nfkbil2	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 2	9.08E-03	1.9	1.34E-01	NS	9.32E-01	NS
A_44_P974524	NM_001025764	498933	LOC498933	LOC498933	3.40E-02	1.9	2.91E-01	NS	1.28E-01	NS
A_64_P112485	NM_001037509	641633	Defb9	defensin beta 9	1.39E-02	1.9	4.77E-01	NS	6.55E-01	NS
A_64_P051430	NM_183403	29326	Gpx2	glutathione peroxidase 2	4.82E-03	1.9	1.42E-01	NS	2.72E-02	-2.7
A_44_P999115	NM_001012216	365360	Tmc5	transmembrane channel-like 5	3.78E-02	1.9	1.09E-01	NS	1.71E-01	NS
A_64_P107892	NM_133527	171049	Folr1	folate receptor 1 (adult)	2.08E-02	1.9	8.48E-02	NS	1.23E-01	NS
A_44_P1045354	NM_199081	287642	Slc35b1	solute carrier family 35, member B1	1.06E-02	1.9	1.20E-02	1.3	3.25E-01	NS
A_44_P449638	NM_017279	29669	Psma2	proteasome (prosome, macropain) subunit, alpha type 2	3.13E-02	1.9	4.69E-03	1.6	8.43E-01	NS
A_44_P480379	XM_001060717	305628	Ccdc18	coiled-coil domain containing 18	4.40E-02	1.9	9.26E-01	NS	4.39E-01	NS
A_44_P257788	NM_001106349	293894	Tpd52l3	tumor protein D52-like 3	2.30E-02	1.9	1.50E-01	NS	3.43E-01	NS
A_44_P457203	XM_215865	296198	Banf2	barrier to autointegration factor 2 poly(A)-specific ribonuclease (PARN)-like domain containing 1	1.27E-03	1.9	1.31E-02	1.5	7.84E-01	NS
A_43_P22983	NM_001025724	361478	Pnlcd1	pancreatic lipase domain containing 1	1.70E-02	1.9	3.18E-03	1.2	1.26E-01	NS
A_64_P149230	XM_237757				1.06E-02	1.9	9.09E-01	NS	1.93E-01	NS
A_42_P557394	NM_001008510	293052	Isg20	interferon stimulated exonuclease gene 20	3.79E-02	1.9	1.63E-01	NS	9.98E-01	NS
A_64_P147878	NM_001109450	684979	Hs3st6	heparan sulfate (glucosamine) 3-O-sulfotransferase 6	2.38E-02	1.9	3.90E-01	NS	6.45E-02	NS
A_44_P637792	NM_001013191	361391	Cbfb	core-binding factor, beta subunit	3.61E-02	2.0	4.93E-01	NS	8.76E-01	NS
A_42_P689013	NM_053800	116484	Txn1	thioredoxin 1	4.59E-02	2.0	5.92E-02	NS	1.20E-01	NS
A_64_P129413	XM_343359				8.75E-03	2.0	1.48E-01	NS	3.36E-01	NS
A_42_P529445	NM_001106022	289864	Ncrna00117	non-protein coding RNA 117	1.60E-02	2.0	6.84E-01	NS	9.74E-02	NS
A_44_P1025349	NM_001106856	301000	Uba7	ubiquitin-like modifier activating enzyme 7	6.47E-03	2.0	7.61E-02	NS	6.79E-02	NS
A_64_P155201	XR_006805	690126	LOC690126	hypothetical protein LOC690126	2.14E-02	2.0	5.59E-03	-1.5	4.58E-02	-1.5
A_64_P056846	NM_012815	25283	Gclc	glutamate-cysteine ligase, catalytic subunit	2.83E-02	2.0	6.10E-03	1.4	4.44E-01	NS
A_43_P13554	XM_001056437	680280	Gas2l3	growth arrest-specific 2 like 3	2.56E-02	2.0	1.77E-01	NS	3.91E-01	NS
A_44_P471201	NM_001106632	297783	Mybl1	myeloblastosis oncogene-like 1	1.83E-02	2.0	2.15E-01	NS	7.66E-01	NS
A_44_P354229	XM_228535				1.62E-02	2.0	9.95E-01	NS	1.25E-01	NS
A_64_P138679	XM_001080197	308190	Cyp26c1	cytochrome P450, family 26, subfamily C, polypeptide 1	3.20E-02	2.0	2.27E-01	NS	8.71E-02	NS
A_64_P052555	XM_001062242	685087	LOC685087	hypothetical protein LOC685087	3.48E-02	2.0	6.32E-01	NS	1.12E-02	-1.7
A_44_P728540	NM_001134609	499068	Zfp583	zinc finger protein 583	4.84E-03	2.0	2.85E-01	NS	4.97E-02	-1.3
A_64_P052665	NM_001108298	360621	Cdc6	cell division cycle 6 homolog (S. cerevisiae)	2.85E-03	2.0	3.88E-01	NS	5.61E-01	NS
A_64_P114019	NM_001008891	361233	Ssr1	signal sequence receptor, alpha	4.60E-02	2.0	9.08E-02	NS	7.79E-01	NS
A_64_P064254	XM_001080900	363648	RGD1562534	protein 4 precursor (IGFBP-4)	1.18E-02	2.0	3.42E-01	NS	5.71E-01	NS
A_64_P035544	NM_001105943	288905	Il27ra	interleukin 27 receptor, alpha	1.82E-02	2.0	1.14E-01	NS	4.98E-01	NS
A_64_P028551	NM_001008318	298748	RGD1311578	similar to PRO1853 homolog corticotropin releasing hormone binding protein	2.17E-02	2.0	9.08E-01	NS	4.23E-01	NS
A_44_P104054	NM_139183	29625	Crhbp	protein	1.02E-03	2.0	3.66E-01	NS	2.88E-01	NS
A_64_P084088	NM_001011954	295669	Cybrd1	cytochrome b reductase 1	2.64E-02	2.0	9.33E-03	1.2	8.41E-02	NS
A_44_P1013851	NM_017178	29373	Bmp2	bone morphogenetic protein 2	1.92E-03	2.0	1.61E-01	NS	3.63E-02	-1.6
A_64_P115566	NM_001107943	313339	Acer2	alkaline ceramidase 2	1.65E-02	2.0	1.02E-01	NS	4.78E-01	NS
A_44_P638638	NM_001109547	689711	Fam101a	family with sequence similarity 101, member A	5.59E-03	2.0	5.87E-01	NS	9.02E-01	NS

A_64_P097779	XM_001065485			heat shock protein 90kDa beta (Grp94), member 1	2.54E-02	2.0	2.84E-01	NS	1.87E-01	NS
A_43_P15719	NM_001012197	362862	Hsp90b1		3.57E-02	2.0	1.46E-01	NS	1.43E-01	NS
A_64_P062285	NM_001134788	363830	Vpreb2	pre-B lymphocyte gene 2	3.37E-02	2.0	6.73E-01	NS	7.75E-01	NS
A_64_P005396	NM_001000061	288818	Olr889	olfactory receptor 889	7.91E-03	2.0	4.47E-01	NS	4.12E-02	-2.1
A_44_P411097	NM_012738	25081	Apoa1	apolipoprotein A-I	2.72E-02	2.0	5.93E-01	NS	5.99E-01	NS
A_64_P048526	NM_017301	29733	S1pr1	sphingosine-1-phosphate receptor 1	4.23E-02	2.0	6.76E-01	NS	7.10E-01	NS
A_44_P510738	NM_012723	25046	Pigr	polymeric immunoglobulin receptor	4.85E-02	2.0	8.14E-02	NS	2.32E-01	NS
A_44_P269675	XM_001065605				2.20E-02	2.0	1.18E-01	NS	9.69E-02	NS
A_44_P347149	NM_001100963	296925	Aass	aminoadipate-semialdehyde synthase similar to Alpha-1-antitrypsin-related protein precursor	6.32E-04	2.0	5.01E-05	1.8	2.29E-01	NS
A_64_P101956	XM_001074053	690311	LOC690311		2.73E-02	2.0	3.62E-01	NS	2.46E-01	NS
A_44_P654498	NM_001109502	688459	LOC688459	hypothetical protein LOC688459	3.38E-02	2.0	7.25E-01	NS	2.39E-02	-1.8
A_64_P014544	NM_057135	117276	Pfkfb3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	3.91E-02	2.0	7.57E-01	NS	2.67E-01	NS
A_64_P044752	XM_001076394	316022	Trank1	tetratricopeptide repeat and ankyrin repeat containing 1	3.36E-02	2.0	5.91E-01	NS	4.57E-01	NS
A_42_P495001	NM_001009713	363103	Slc17a5	solute carrier family 17 (anion/sugar transporter), member 5	4.18E-02	2.0	6.21E-02	NS	4.40E-02	-1.5
A_64_P104009	NM_001025740	362720	Rrm2	ribonucleotide reductase M2	1.40E-02	2.0	1.19E-01	NS	1.73E-01	NS
A_64_P097243	NM_001145175	691429	Shisa7	shisa homolog 7 (Xenopus laevis)	3.46E-02	2.0	9.24E-01	NS	1.22E-01	NS
A_42_P723173	NM_012797	25261	Id1	inhibitor of DNA binding 1	4.74E-02	2.0	3.65E-03	1.4	1.71E-01	NS
A_43_P12559	NM_031338	83506	Camkk2	calcium/calmodulin-dependent protein kinase kinase 2, beta	3.40E-02	2.0	4.67E-01	NS	3.68E-02	-1.5
A_64_P138949	NM_001110365	682507	Wasl	Wiskott-Aldrich syndrome-like	4.08E-02	2.0	8.55E-01	NS	7.96E-04	-1.7
A_44_P123887	NM_001037185	295107	Smc4	structural maintenance of chromosomes 4	4.21E-02	2.0	1.70E-01	NS	8.67E-01	NS
A_44_P379377	NM_053348	83928	Fetub	fetuin B	7.77E-03	2.0	6.70E-01	NS	1.32E-01	NS
A_44_P403532	XM_001078585	499783	RGD1564019	similar to GTPase activating RANGAP domain-like 3	4.68E-02	2.0	6.45E-01	NS	2.96E-01	NS
A_44_P992697	NM_001107739	311151	Dusp19	dual specificity phosphatase 19	4.13E-02	2.0	1.03E-01	NS	2.86E-01	NS
A_64_P003621	NM_001047927	498308	LOC498308	Da2-20	1.77E-02	2.0	3.35E-01	NS	5.56E-01	NS
A_64_P078914	XM_001080765	499867	Phgr1	proline/histidine/glycine-rich 1	2.77E-03	2.0	6.41E-02	NS	6.47E-01	NS
A_64_P397198	NM_001135780	313108	RGD1304693	similar to CG14803-PA	1.73E-02	2.0	2.29E-01	NS	6.14E-01	NS
A_44_P363009	NM_198748	298975	Scin	scinderin	1.44E-02	2.0	1.32E-01	NS	7.08E-01	NS
A_64_P011070	NM_022234	63882	Accn4	amiloride-sensitive cation channel 4, pituitary	3.95E-02	2.0	7.25E-01	NS	3.44E-04	-2.7
A_64_P080002	NM_001135749	499655	Cks1b	CDC28 protein kinase regulatory subunit 1B	4.76E-02	2.0	2.79E-01	NS	2.48E-01	NS
A_44_P267778	NM_001107030	303376	Fndc8	fibronectin type III domain containing 8	3.67E-02	2.0	6.16E-01	NS	1.93E-01	NS
A_64_P125305	NM_001107494	308443	B9d2	B9 protein domain 2	2.99E-03	2.0	8.21E-01	NS	4.04E-01	NS
A_64_P059645	NM_001033665	25393	Bcan	brevican	4.75E-03	2.0	2.20E-01	NS	1.03E-01	NS
A_44_P947743	XM_218313	308376	Gpr126	G protein-coupled receptor 126	1.96E-02	2.0	2.45E-01	NS	2.84E-02	-1.7
A_44_P593161	NM_001013151	309242	Gna14	14	4.62E-02	2.1	1.19E-02	1.3	8.84E-02	NS
A_44_P461383	XM_001059752	295090	Vom2r45	vomeroneasal 2 receptor, 45	4.86E-02	2.1	5.71E-01	NS	9.91E-02	NS
A_64_P137042	NM_012614	24604	Npy	neuropeptide Y	1.13E-02	2.1	2.38E-01	NS	2.16E-01	NS
A_64_P103590	XR_008568				8.96E-04	2.1	3.99E-01	NS	1.79E-02	2.2
A_64_P132576	NM_001012357	360579	Ccl9	chemokine (C-C motif) ligand 9	1.97E-02	2.1	3.02E-01	NS	7.17E-01	NS
A_44_P289637	NM_012651	24779	Slc4a1	solute carrier family 4 (anion exchanger), member 1	5.93E-03	2.1	1.72E-01	NS	1.02E-01	NS
A_64_P116819	NM_001106553	296511	Alx4	ALX homeobox 4	1.70E-02	2.1	3.12E-01	NS	2.33E-01	NS
A_64_P133167	XM_001080999	499879	Duoxa2	dual oxidase maturation factor 2	4.78E-02	2.1	3.38E-01	NS	1.51E-01	NS
A_64_P123341	NM_147212	259244	LOC259244	alpha-2u globulin PGCL3	4.19E-03	2.1	8.87E-01	NS	5.36E-01	NS
A_64_P091747	NM_019363	54349	Aox1	aldehyde oxidase 1	7.01E-03	2.1	7.81E-02	NS	8.82E-01	NS
A_64_P138011	NM_016991	24173	Adra1b	adrenergic, alpha-1B-, receptor	1.17E-02	2.1	6.14E-01	NS	6.25E-01	NS
A_42_P493380	NM_012603	24577	Myc	myelocytomatosis oncogene	4.07E-02	2.1	8.32E-01	NS	6.18E-01	NS
A_44_P103337	NM_001013861	287741	RGD1307851	similar to RIKEN cDNA 4933439F11	1.64E-02	2.1	5.55E-01	NS	4.80E-01	NS
A_64_P070591	NM_001106655	298071	Nans	N-acetylneuraminic acid synthase	1.90E-02	2.1	4.49E-02	1.2	1.32E-01	NS
A_64_P134053	NM_053968	117038	Mt3	metallothionein 3	2.01E-02	2.1	7.17E-02	NS	7.78E-02	NS
A_44_P620895	NM_001024329	500124	LOC500124	similar to RIKEN cDNA 4921507P07	2.52E-02	2.1	9.13E-03	1.7	1.92E-01	NS

A_42_P684295	NM_057121	117261	Slc15a1	solute carrier family 15 (oligopeptide transporter), member 1	3.25E-02	2.1	7.40E-02	NS	3.93E-01	NS
A_43_P20976	XM_001054970	362295	Lmbr1	limb region 1 homolog (mouse)	2.61E-02	2.1	5.62E-01	NS	8.99E-02	NS
A_44_P445044	NM_001003403	444983	Apold1	apolipoprotein L domain containing 1	3.80E-02	2.1	6.23E-01	NS	6.80E-01	NS
A_64_P078303	NM_001106526	296269	Angpt4	angiopoietin 4	3.07E-02	2.1	6.35E-01	NS	9.99E-01	NS
A_64_P097380	NM_133426	171011	Kcng3	potassium voltage-gated channel, subfamily G, member 3	5.64E-03	2.1	6.68E-01	NS	3.87E-01	NS
A_64_P147644	NM_013045	25567	Tnr	tenascin R	2.11E-02	2.1	8.51E-01	NS	6.93E-02	NS
A_64_P035031	NM_001099505	301154	Vom2r76	vomeroneasal 2 receptor, 76	2.68E-04	2.1	7.11E-01	NS	8.39E-02	NS
A_64_P035371	XM_001056897	681740	LOC681740	similar to jumonji protein	1.64E-02	2.1	7.57E-01	NS	7.96E-01	NS
A_42_P542809	NM_021671	59303	Tmem33	transmembrane protein 33	2.55E-02	2.1	3.48E-01	NS	6.45E-02	NS
A_44_P203859	BE106644				3.11E-02	2.1	5.60E-01	NS	4.26E-03	-2.0
A_64_P147674	NM_021693	59329	Sik1	salt-inducible kinase 1	6.40E-04	2.1	9.02E-01	NS	5.99E-02	NS
A_44_P203411	NM_053917	116699	Inpp4b	inositol polyphosphate-4-phosphatase, type II	4.99E-02	2.1	1.44E-01	NS	6.39E-01	NS
A_64_P045516	XR_006055	685577	LOC685577	similar to major urinary protein 5	2.11E-02	2.1	8.53E-01	NS	5.06E-01	NS
A_64_P117171	NM_001109548	689755	LOC689755	hypothetical protein LOC689755	6.58E-03	2.1	6.38E-03	1.4	1.46E-01	NS
A_64_P028585	NM_001012233	497196	NMS	neuromedin S	4.17E-03	2.2	1.57E-01	NS	9.35E-02	NS
A_44_P112527	XM_001078620	691521	LOC691521	similar to MEGF11 protein	1.24E-02	2.2	1.09E-02	2.3	4.67E-01	NS
A_64_P007092	XM_237488				8.37E-04	2.2	5.00E-01	NS	1.63E-01	NS
A_64_P121991	NM_012877	25349	Scn2b	sodium channel, voltage-gated, type II, beta	3.63E-03	2.2	4.73E-01	NS	7.06E-01	NS
A_44_P281393	XM_344684				4.13E-02	2.2	3.29E-02	1.5	7.09E-02	NS
A_44_P1054213	NM_013083	25617	Hspa5	heat shock protein 5	7.93E-03	2.2	7.81E-03	1.4	2.42E-01	NS
A_44_P352538	NM_001013043	287885	Sectm1a	secreted and transmembrane 1A	2.93E-02	2.2	9.28E-02	NS	1.81E-01	NS
A_64_P081232	NM_001108580	362113	Pthr1	peptidyl-tRNA hydrolase 1 homolog (S. cerevisiae)	2.79E-02	2.2	6.63E-02	NS	5.96E-02	NS
A_64_P166501	NM_0166501	25466	Il1rap	interleukin 1 receptor accessory protein	2.99E-02	2.2	9.55E-01	NS	5.87E-01	NS
A_64_P113079	XR_007928				4.52E-02	2.2	2.24E-01	NS	1.33E-04	-2.8
A_43_P16457	NM_001037208	362978	Creld2	cysteine-rich with EGF-like domains 2	7.68E-04	2.2	2.38E-03	2.1	9.12E-01	NS
A_64_P087479	NM_147215	259247	Obp3	alpha-2u globulin PGCL4	3.02E-03	2.2	4.94E-01	NS	5.48E-01	NS
A_64_P074480	XM_001059495	680927	LOC680927	hypothetical protein LOC680927	2.84E-03	2.2	4.30E-01	NS	1.94E-01	NS
A_64_P017662	XM_346212				3.68E-02	2.2	1.41E-01	NS	2.23E-02	-2.6
A_64_P054900	XM_001055294	291652	Pcdhb7	protocadherin beta 7	1.30E-02	2.2	3.19E-01	NS	9.12E-01	NS
A_64_P141787	XM_001076368	498352	Pdcl2	phosducin-like 2	5.11E-03	2.2	4.64E-01	NS	5.46E-01	NS
A_64_P088146	NM_001004097	408247	Try10	trypsin 10	1.24E-03	2.2	2.71E-01	NS	5.15E-01	NS
A_64_P043140	NM_001109633	691277	LOC691277	similar to Robo-1	3.87E-02	2.2	6.08E-01	NS	3.12E-01	NS
A_64_P117653	NM_203325	298107	Mup5	major urinary protein 5	9.52E-03	2.2	8.38E-01	NS	8.98E-01	NS
A_44_P493956	NM_053849	116598	Pdia4	protein disulfide isomerase family A, member 4	1.65E-03	2.2	8.44E-03	1.5	2.56E-01	NS
A_44_P424723	AF106937	59329	Sik1	salt-inducible kinase 1	8.76E-03	2.2	3.59E-01	NS	8.24E-01	NS
A_64_P047266	XM_001072885	499520	Fam159b	family with sequence similarity 159, member B	2.22E-02	2.2	4.05E-01	NS	8.77E-01	NS
A_64_P039818	XM_001072885	84394	Dcx	doublecortin	1.47E-02	2.2	6.56E-01	NS	3.77E-01	NS
A_64_P131915	XM_001064819	685685	LOC685685	similar to S100 calcium-binding protein, ventral prostate	4.76E-02	2.2	5.06E-01	NS	2.80E-01	NS
A_64_P149689	NM_001014114	360459	RGD1305733	similar to RIKEN cDNA 2900011O08	2.37E-02	2.2	8.88E-01	NS	3.42E-01	NS
A_64_P060608	XM_001068783	688909	LOC688909	hypothetical protein LOC688909	1.82E-02	2.3	5.54E-01	NS	5.99E-01	NS
A_43_P16262	NM_173321	286987	LOC286987	hemiferrin, transferrin-like protein	1.09E-03	2.3	3.58E-02	-1.8	1.28E-01	NS
A_43_P10280	NM_001112742	29628	Gria3	glutamate receptor, ionotropic, AMPA 3	4.30E-02	2.3	2.94E-01	NS	2.01E-02	-2.9
A_44_P506273	NM_001170346	290729	Neil3	nei endonuclease VIII-like 3 (E. coli)	4.82E-02	2.3	6.16E-01	NS	2.59E-01	NS
A_64_P120640	NM_053595	94203	Pgf	placental growth factor	1.98E-02	2.3	1.01E-01	NS	6.13E-01	NS
A_64_P127855	NM_053440	84510	Stmn2	stathmin-like 2	2.67E-02	2.3	2.25E-01	NS	5.89E-01	NS
A_64_P097547	NM_001100528	295953	Rag2	recombination activating gene 2	2.49E-02	2.3	2.97E-01	NS	8.24E-01	NS
A_64_P140545	NM_001107112	304125	Cldn17	claudin 17	1.41E-02	2.3	4.17E-01	NS	8.87E-01	NS
A_44_P428739	NM_001105743	114858	Shc3	SHC (Src homology 2 domain containing) transforming protein 3	8.49E-03	2.3	1.35E-02	1.3	2.43E-01	NS
A_64_P136407	XM_001055336				1.91E-02	2.3	4.70E-01	NS	6.44E-01	NS
A_42_P559831	NM_017004	24346	Es1	esterase 1	1.99E-02	2.3	9.88E-03	1.6	2.26E-01	NS
A_64_P038639	FM119812				1.43E-03	2.3	7.94E-01	NS	4.30E-01	NS

A_64_P064976	NM_001106939	302377	RGD1560455	similar to RIKEN cDNA A630033H20 gene	1.70E-03	2.3	4.77E-02	1.7	1.37E-01	NS
A_64_P048834	NM_001080939	690572	Tas2r109	taste receptor, type 2, member 109	1.35E-02	2.3	4.12E-01	NS	3.62E-01	NS
A_44_P213149	NM_001107369	307169	Mastl	kinase-like	1.28E-02	2.3	5.20E-03	1.6	3.19E-02	2.3
A_64_P133114	XM_580047	500074	RGD1562026	microtubule associated serine/threonine heat shock protein 90, alpha (cytosolic), class A member 1	1.71E-02	2.3	5.41E-01	NS	6.79E-01	NS
A_44_P299870	NM_175761	299331	Hsp90aa1	class A member 1	2.26E-02	2.3	2.64E-01	NS	6.41E-02	NS
A_64_P097332	NM_001008922	494271	Vom1r73	vomeronasal 1 receptor, 73	1.32E-03	2.3	1.25E-01	NS	5.05E-01	NS
A_64_P038312	NM_031038	81668	Gnrhr	gonadotropin releasing hormone receptor	1.92E-02	2.3	1.78E-01	NS	2.80E-01	NS
A_44_P203401	NM_001079898	498659	RatNP-3b	defensin RatNP-3 precursor	4.00E-02	2.3	4.09E-01	NS	6.79E-01	NS
A_64_P062462	NM_001009474	363465	Pir	pirin (iron-binding nuclear protein)	1.96E-02	2.3	1.78E-02	1.4	8.84E-01	NS
A_64_P071800	NM_001025021	362526	LOC362526	hypothetical protein LOC362526	2.68E-02	2.3	3.04E-02	1.3	4.02E-02	-1.9
A_44_P309266	NM_001079937	290326	Pbk	PDZ binding kinase	3.15E-03	2.3	4.21E-02	1.4	2.40E-01	NS
A_64_P066868	XM_001067914				2.75E-02	2.4	7.10E-01	NS	5.11E-02	NS
A_42_P536741	NM_001109577	690315	Derl3	Der1-like domain family, member 3 solute carrier family 14 (urea transporter), member 2	6.97E-04	2.4	2.76E-03	1.5	1.46E-01	NS
A_43_P12032	NM_019347	54302	Slc14a2	member 2	3.62E-02	2.4	2.64E-01	NS	8.25E-03	-2.0
A_43_P11333	NM_138867	192235	Hyou1	hypoxia up-regulated 1	8.35E-03	2.4	9.43E-03	1.4	7.27E-02	NS
A_44_P354078	NM_001106113	291145	Hist1h1a	histone cluster 1, H1a	2.09E-03	2.4	1.91E-01	NS	7.80E-01	NS
A_64_P395299	NM_001105855				3.51E-02	2.4	4.56E-01	NS	1.17E-01	NS
A_44_P1057585	NM_001106263	292935	Htatip2	HIV-1 tat interactive protein 2, homolog (human)	2.04E-03	2.4	9.01E-04	1.4	3.38E-01	NS
A_64_P035291	NM_001159739	494500	Gsta5	glutathione S-transferase Yc2 subunit solute carrier family 39 (zinc transporter), member 4	2.04E-02	2.4	8.13E-03	1.4	1.52E-01	NS
A_42_P692476	NM_001077669	300051	Slc39a4	member 4	2.12E-02	2.4	2.71E-01	NS	1.86E-01	NS
A_64_P007703	NM_031674	63835	Ctla4	cytotoxic T-lymphocyte-associated protein 4	4.44E-03	2.4	8.33E-01	NS	7.23E-01	NS
A_64_P073614	NM_053514	85327	Lin7a	lin-7 homolog a (C. elegans)	3.62E-02	2.4	7.23E-03	-1.3	1.49E-01	NS
A_44_P496624	NM_022302	64169	Necab1	N-terminal EF-hand calcium binding protein 1	1.06E-02	2.5	1.17E-01	NS	7.73E-01	NS
A_64_P025543	NM_001107623	309724	Tmem26	transmembrane protein 26	1.79E-02	2.5	8.32E-01	NS	6.42E-01	NS
A_64_P051208	NM_001106514	296178	Mcm8	minichromosome maintenance complex component 8	3.07E-02	2.5	9.66E-03	1.6	9.77E-01	NS
A_44_P243111	NM_080580	140665	Rab3d	RAB3D, member RAS oncogene family similar to chromosome condensation protein G	2.34E-02	2.5	9.97E-01	NS	8.21E-02	NS
A_44_P297428	XM_001058724	305392	RGD1562646	protein G	4.67E-02	2.5	7.11E-01	NS	3.45E-01	NS
A_64_P004231	NM_001159739	494500	Gsta5	glutathione S-transferase Yc2 subunit	5.74E-03	2.5	8.80E-04	1.5	1.48E-01	NS
A_64_P012902	NM_001109433	680945	Sdf2l1	stromal cell-derived factor 2-like 1	1.52E-03	2.5	7.22E-02	NS	1.45E-01	NS
A_42_P538135	NM_012858	25329	Lhb	luteinizing hormone beta	6.02E-03	2.5	3.19E-01	NS	6.84E-01	NS
A_42_P842833	NM_001047858	296271	Srxn1	sulfiredoxin 1 homolog (S. cerevisiae)	6.70E-04	2.5	4.26E-03	1.6	3.16E-01	NS
A_64_P119154	NM_001000338	295843	Olr619	olfactory receptor 619	3.56E-02	2.5	9.81E-01	NS	9.63E-02	NS
A_64_P136602	NM_198784	362527	Mup4	major urinary protein 4	1.78E-02	2.5	6.14E-01	NS	6.58E-01	NS
A_44_P1034541	NM_022602	64534	Pim3	pim-3 oncogene	1.11E-02	2.5	2.73E-01	NS	8.99E-01	NS
A_44_P372810	NM_001025673	306464	Mlf1ip	myeloid leukemia factor 1 interacting protein	2.45E-02	2.5	4.39E-01	NS	4.88E-01	NS
A_64_P273771	XM_002725480				4.36E-03	2.5	4.66E-01	NS	7.46E-01	NS
A_64_P150618	NM_001109548	689755	LOC689755	hypothetical protein LOC689755	4.96E-02	2.5	3.90E-01	NS	9.59E-03	-2.1
A_44_P260751	NM_153735	266777	Nptx1	neuronal pentraxin 1	8.57E-03	2.5	9.64E-01	NS	8.59E-01	NS
A_64_P019401	NM_001109433	680945	Sdf2l1	stromal cell-derived factor 2-like 1 major facilitator superfamily domain containing 2	1.08E-03	2.5	4.10E-02	1.5	1.95E-01	NS
A_44_P269930	NM_001106683	298504	Mfsd2	containing 2	1.28E-02	2.5	1.08E-01	NS	5.63E-03	2.0
A_64_P141747	NM_001106825	300751	RGD1311874	hypothetical LOC300751	1.12E-03	2.5	6.99E-01	NS	3.31E-01	NS
A_44_P1014420	XM_001056872	315530	Rics	Rho GTPase-activating protein spectrin, alpha, erythrocytic 1 (elliptocytosis 2)	3.95E-02	2.6	6.09E-01	NS	4.47E-02	-1.5
A_64_P000930	NM_001011908	289257	Spta1	internexin neuronal intermediate filament protein, alpha	9.78E-03	2.6	3.26E-02	1.4	1.54E-01	NS
A_44_P421375	NM_019128	24503	Ina	protein, alpha	3.32E-02	2.6	7.66E-01	NS	5.52E-02	NS
A_44_P312038	XM_345959	367121	RGD1560019	similar to hypothetical protein	5.77E-03	2.6	4.18E-01	NS	3.29E-01	NS
A_42_P624195	NM_031509	24421	Gsta3	glutathione S-transferase A3	5.15E-03	2.6	4.05E-04	1.7	9.69E-02	NS

A_44_P255424	NM_001135762	368128	Hpse2	heparanase 2	4.04E-03	2.6	7.09E-01	NS	5.27E-01	NS
A_64_P095005	NM_001037217	304301	Mmd2	monocyte to macrophage differentiation-associated 2	4.51E-02	2.6	4.40E-01	NS	9.96E-02	NS
A_64_P000934	NM_001127523	288272	RGD1310778	similar to Putative protein C21orf45 cytochrome P450, family 4, subfamily a, polypeptide 2	1.26E-02	2.6	8.41E-03	1.4	2.32E-01	NS
A_64_P019361	NM_001044770	24306	Cyp4a2	NS5A (hepatitis C virus) transactivated protein 9	2.11E-03	2.6	7.52E-02	NS	7.31E-03	-1.8
A_44_P477555	NM_201418	300795	Ns5atp9	E74-like factor 5	1.38E-02	2.6	6.74E-02	NS	3.91E-01	NS
A_42_P821316	NM_001108956	366142	Elf5	major urinary protein 5	4.93E-02	2.6	4.84E-02	1.4	1.51E-01	NS
A_44_P214936	NM_203325	298107	Mup5	DNA-damage-inducible transcript 4	1.30E-02	2.6	8.60E-01	NS	8.43E-01	NS
A_44_P414860	XM_345276			origin recognition complex, subunit 6 like (yeast)	2.06E-02	2.6	1.77E-01	NS	8.86E-01	NS
A_42_P605985	NM_080906	140942	Ddit4	prodynorphin	4.26E-03	2.6	3.45E-01	NS	5.22E-02	NS
A_44_P499287	NM_001033690	291927	Orc6l	transcription factor 7, T-cell specific	1.81E-02	2.6	9.12E-02	NS	9.25E-01	NS
A_44_P476915	NM_019374	29190	Pdyn	hematopoietically expressed homeobox	2.77E-02	2.7	9.14E-01	NS	3.94E-01	NS
A_64_P103404	XM_001073458	363595	Tcf7	similar to germ cell-less	6.64E-03	2.7	9.66E-02	NS	9.15E-01	NS
A_43_P12437	NM_024385	79237	Hhex	glucagon	3.23E-02	2.7	8.02E-01	NS	6.08E-02	NS
A_64_P070651	NM_001106728	299036	RGD1565657	angiopoietin-like 4	1.99E-03	2.7	8.70E-01	NS	1.09E-01	NS
A_44_P298465	NM_012707	24952	Gcg	chitinase, acidic	4.07E-03	2.8	4.06E-01	NS	8.67E-01	NS
A_64_P088382	NM_199115	362850	Angptl4	esterase 22	3.22E-03	2.8	4.84E-01	NS	7.43E-01	NS
A_64_P142251	NM_207586	113901	Chia	sodium channel, voltage-gated, type X, alpha	1.88E-02	2.9	4.11E-01	NS	5.55E-01	NS
A_44_P334556	BF549697				2.77E-02	2.9	8.86E-01	NS	1.03E-01	NS
A_64_P006498	NM_031565	29225	Es22	Mov10l1, Moloney leukemia virus 10-like 1, homolog (mouse)	2.06E-05	3.0	5.63E-04	2.0	1.44E-01	NS
A_64_P051229	XM_002725775			glycoprotein m6a	4.72E-02	3.0	3.93E-03	1.6	5.48E-01	NS
A_44_P941612	DV716430			killer cell lectin-like receptor subfamily C, member 2	2.18E-02	3.0	4.57E-01	NS	8.97E-03	-2.1
A_64_P069374	NM_017247	29571	Scn10a	nucleolar protein 4	3.10E-04	3.1	2.93E-04	1.9	2.64E-01	NS
A_64_P050150	BX883049			aldo-keto reductase family 1, member B8	1.35E-03	3.1	6.04E-01	NS	5.45E-01	NS
A_64_P012009	NM_001106787	300141	Mov10l1	prostaglandin reductase 1	2.56E-02	3.2	7.64E-03	2.4	1.49E-04	-3.4
A_44_P652899	NM_178105	306439	Gpm6a	placental growth factor	7.82E-03	3.2	8.89E-01	NS	1.58E-01	NS
A_64_P124984	NM_019261	29684	Klrc2	peptidylprolyl isomerase (cyclophilin) like 5	1.05E-03	3.3	1.37E-01	NS	7.45E-03	-2.3
A_64_P132666	NM_001107401	307553	No14	integrin-binding sialoprotein	2.95E-02	3.4	1.17E-03	1.7	2.73E-01	NS
A_44_P426107	NM_173136	286921	Akr1b8	defensin NP-4 precursor	4.96E-04	3.4	1.24E-01	NS	1.41E-01	NS
A_42_P698240	NM_138863	192227	Ptgr1	dopamine receptor D2	2.15E-02	3.4	4.89E-02	1.3	2.06E-01	NS
A_64_P120634	NM_053595	94203	Pgf	hypothetical protein LOC680310	2.31E-03	3.4	1.83E-01	NS	3.46E-01	NS
A_64_P123288	NM_001109483	685860	Ppil5	similar to RIKEN cDNA 5330437I02 gene	1.88E-03	3.7	4.12E-03	1.6	4.83E-01	NS
A_44_P255216	NM_012587	24477	Ibsp		1.16E-02	3.9	9.35E-01	NS	8.91E-02	NS
A_44_P869774	XM_001068837				6.82E-04	4.3	6.27E-02	NS	6.45E-02	NS
A_64_P115157	NM_031565	29225	Es22		2.95E-04	4.5	1.39E-03	2.1	1.58E-01	NS
A_64_P032504	NM_173299	286958	Es22		3.86E-02	4.5	9.91E-01	NS	8.36E-01	NS
A_42_P625922	NM_012547	24318	Np4		1.90E-02	5.2	5.60E-02	2.4	7.77E-01	NS
A_64_P014736	XM_001056586	680310	Drd2		9.95E-03	6.2	4.85E-01	NS	4.44E-01	NS
A_64_P132721	NM_001106139	291549	LOC680310		2.36E-02	7.2	4.51E-01	NS	7.47E-02	NS
A_64_P059728	XM_214813		RGD1304731		9.47E-05	7.2	6.94E-01	NS	8.83E-01	NS
A_64_P076450	NM_139326	24664	Pomc		1.95E-03	18.4	3.13E-02	6.3	6.17E-03	-1.5
A_64_P048349	NM_001034848	24391	Gh1		2.06E-03	32.7	7.24E-02	NS	2.17E-01	NS
A_64_P085680	NM_053918	116700	Cga		1.03E-03	36.6	1.30E-01	NS	6.50E-01	NS
A_64_P003654	NM_012629	24683	Prl		2.93E-04	363.0	7.72E-02	NS	2.09E-01	NS
A_64_P069942	NM_001134586	363274	RGD1563955		8.49E-01	NS	9.55E-03	-4.5	5.39E-01	NS
A_44_P541485	NM_001107931	313225	Murc		1.35E-01	NS	4.51E-02	-4.1	3.84E-01	NS
A_44_P156262	NM_176079	337868	Myod1		8.85E-02	NS	3.60E-02	-4.0	6.85E-01	NS
A_44_P539299	XM_002742435				5.69E-02	NS	2.13E-02	-4.0	8.57E-03	2.9
A_44_P385066	NM_031813	83708	Mybph		1.70E-01	NS	4.19E-02	-3.8	8.95E-02	NS
A_44_P262593	NM_001107589	309374	Ankrd2		7.80E-02	NS	4.06E-02	-3.4	8.50E-01	NS
A_64_P023245	AB046449	246301	Ascl3		6.14E-01	NS	4.65E-02	-3.4	1.11E-01	NS

A_64_P067993	NM_001166267	502412	RGD1562885	similar to RIKEN cDNA 2300002M23	8.99E-01	NS	5.41E-03	-3.4		NS
A_64_P074126	NM_001163921	685202	Ccdc4811	coiled-coil domain containing 48-like1	8.79E-01	NS	5.07E-05	-3.2	4.42E-01	NS
A_43_P20887	NM_001109390	680047	Pcdhb9	protocadherin beta 9	6.95E-01	NS	4.11E-02	-3.2	6.59E-01	NS
A_64_P129316	NM_017232	29527	Ptgs2	prostaglandin-endoperoxide synthase 2	5.53E-01	NS	3.74E-04	-3.1	2.40E-01	NS
A_42_P686234	XM_221384				4.85E-01	NS	8.51E-03	-3.1	3.14E-01	NS
A_64_P029596	NM_001102417	296354	Svs3b	seminal vesicle secretory protein 3B	8.69E-01	NS	3.95E-02	-3.0	2.78E-02	-1.6
A_42_P798447	XM_001080179	687797	LOC687797	similar to tumor suppressor candidate 5	1.18E-01	NS	3.97E-02	-3.0	5.50E-01	NS
A_64_P115556	NM_001004021	287699	Krt13	keratin 13	9.96E-01	NS	1.69E-02	-2.9	2.13E-02	28.1
A_64_P317400	XM_001056444				2.97E-01	NS	7.82E-03	-2.9	7.78E-01	NS
A_64_P017133	XR_008124				1.55E-01	NS	3.07E-02	-2.8	9.24E-01	NS
A_64_P004660	NM_001109635	691300	LOC691300	hypothetical protein LOC691300	3.07E-01	NS	4.89E-02	-2.8	3.38E-01	NS
A_44_P342289	NR_027324	309122	H19	H19, imprinted maternally expressed transcript	8.67E-02	NS	3.47E-02	-2.8	7.87E-01	NS
A_44_P977085	NM_001109431	680885	LOC680885	hypothetical protein LOC680885	5.80E-01	NS	3.94E-02	-2.8	9.43E-01	NS
A_64_P047937	XM_225698	307248	Pstpip2	proline-serine-threonine phosphatase-interacting protein 2	1.03E-01	NS	1.38E-02	-2.8	7.72E-02	NS
A_44_P306551	M64373				2.98E-01	NS	1.87E-02	-2.7	3.74E-01	NS
A_64_P098324	NM_012795	25259	Gp5	glycoprotein V (platelet)	4.34E-01	NS	2.36E-03	-2.6	3.73E-01	NS
A_64_P117468	NM_001108180	315962	Ky	kyphoscoliosis peptidase	5.26E-02	NS	3.63E-02	-2.6	3.82E-02	3.1
A_64_P020441	NM_001108170	315833	Klh31	kelch-like 31 (Drosophila)	1.15E-01	NS	4.62E-02	-2.6	1.24E-01	NS
A_42_P671348	NM_001106868	301073	Hhntl	hedgehog acyltransferase-like	6.39E-02	NS	4.11E-02	-2.6	1.07E-01	NS
A_64_P071188	XM_001056974	300289	Amot	angiominin	1.32E-01	NS	1.05E-02	-2.6	5.49E-01	NS
A_44_P227132	NM_001106035	290217	RGD1564324	similar to dehydrogenase/reductase member 2	5.89E-01	NS	2.79E-02	-2.5	6.17E-01	NS
A_64_P010348	XM_001070120				9.21E-02	NS	4.76E-02	-2.5	1.18E-01	NS
A_64_P018751	NM_001142366	25293	Aqp4	aquaporin 4	1.53E-01	NS	2.36E-02	-2.5	1.44E-01	NS
A_64_P059491	NM_080688	140693	Plcd4	phospholipase C, delta 4	3.05E-01	NS	3.27E-02	-2.5	2.09E-01	NS
A_44_P167951	NM_053772	114906	Pkia	protein kinase (cAMP-dependent, catalytic) inhibitor alpha	1.01E-01	NS	2.72E-02	-2.5	1.72E-01	NS
A_64_P021166	XR_008854				7.00E-01	NS	1.73E-02	-2.5	3.01E-02	-1.5
A_64_P075067	XM_345846	366949	Mafa	v-maf musculoaponeurotic fibrosarcoma oncogene homolog A (avian)	6.79E-02	NS	3.03E-02	-2.5	1.17E-01	NS
A_43_P16282	S76214				6.13E-02	NS	4.03E-02	-2.5	3.36E-01	NS
A_64_P151756	NM_001109385	679958	LOC679958	similar to CG10806-PB, isoform B	2.24E-01	NS	3.60E-02	-2.4	8.75E-01	NS
A_44_P442780	NM_017303	29737	Kcnab1	potassium voltage-gated channel, shaker-related subfamily, beta member 1	5.74E-01	NS	4.34E-02	-2.4	5.01E-01	NS
A_43_P16066	NM_198050	246209	Kif27	kinesin family member 27	9.90E-01	NS	4.50E-02	-2.4	5.20E-01	NS
A_44_P318546	NM_022624	64559	Slc22a23	solute carrier family 22, member 23	4.29E-01	NS	2.54E-02	-2.4	5.35E-01	NS
A_64_P023018	CB606389	316090	Fam198a	family with sequence similarity 198, member A	7.81E-02	NS	4.60E-02	-2.3	1.08E-01	NS
A_64_P095136	NM_001109458	685169	Fam163b	family with sequence similarity 163, member B	4.43E-01	NS	1.17E-02	-2.3	5.63E-01	NS
A_64_P105373	NM_001109289	500945	RGD1561795	similar to RIKEN cDNA 1700012B09	5.49E-01	NS	2.05E-02	-2.3	8.17E-02	NS
A_64_P126640	NM_001001076	405966	Olr1064	olfactory receptor 1064	3.08E-01	NS	1.64E-02	-2.3	6.22E-01	NS
A_64_P203817	NM_001001368	288875	Olr943	olfactory receptor 943	6.43E-02	NS	4.18E-02	-2.3	2.44E-01	NS
A_64_P097014	XM_001065563				7.19E-01	NS	4.61E-02	-2.3	3.39E-01	NS
A_44_P277058	XM_001066248	316399	Ccdc150	coiled-coil domain containing 150	8.53E-01	NS	2.98E-02	-2.3	8.12E-02	NS
A_44_P348781	NM_012696	24903	Kng1	kininogen 1	7.51E-01	NS	1.92E-02	-2.3	3.35E-01	NS
A_44_P272108	XM_001080166	295999	RGD1309783	similar to RIKEN cDNA 4930430A15	6.28E-01	NS	5.20E-03	-2.3	5.71E-02	NS
A_64_P135833	XM_001080943	314847	Best3	bestrophin 3	1.22E-01	NS	6.48E-03	-2.3	5.19E-02	NS
A_64_P006077	XM_001063305	682829	LOC682829	similar to benzodiazapine receptor, peripheral-like 1	1.51E-01	NS	7.87E-03	-2.3	9.01E-02	NS
A_64_P098053	NM_001105873	288044	Tm4sf19	transmembrane 4 L six family member 19	8.02E-01	NS	1.03E-02	-2.3	2.70E-01	NS
A_44_P791908	XR_008965	500243	RGD1560859	similar to 2300003P22Rik protein	2.08E-01	NS	3.39E-03	-2.3	7.27E-02	NS
A_64_P103174	NM_001003929	313173	Cnfr	ciliary neurotrophic factor receptor	8.43E-02	NS	1.66E-03	-2.2	3.56E-02	1.5
A_44_P769703	NM_178096	338475	Nrep	neuronal regeneration related protein	7.18E-02	NS	3.28E-03	-2.2	3.74E-01	NS
A_43_P10996	NM_012507	24214	Atp1b2	ATPase, Na ⁺ /K ⁺ transporting, beta 2 polypeptide	3.59E-01	NS	3.69E-02	-2.2	4.12E-01	NS
A_43_P16203	XM_001057601				5.99E-01	NS	1.05E-02	-2.2	2.16E-01	NS
A_44_P622992	NM_001024339	500377	Tuba8	tubulin, alpha 8	2.05E-01	NS	1.46E-02	-2.2	2.32E-01	NS

A_64_P008867	NM_016998	24269	Cpa1	carboxypeptidase A1	9.93E-02	NS	3.82E-02	-2.2	2.41E-01	NS
A_64_P000480	NM_001108530	361831	Ube2d1	ubiquitin-conjugating enzyme E2D 1, UBC4/5 homolog (yeast)	6.54E-02	NS	4.84E-02	-2.2	3.31E-01	NS
A_64_P035709	NM_001109492	686081	B3galt2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2	7.37E-01	NS	1.45E-02	-2.2	6.76E-01	NS
A_44_P126638	XR_085562	287646	Ttl6	tubulin tyrosine ligase-like family, member 6	8.13E-02	NS	2.05E-02	-2.2	1.50E-01	NS
A_64_P113592	NM_001134849	684972	Fam25a	family with sequence similarity 25, member A	9.13E-01	NS	3.69E-02	-2.1	5.64E-02	NS
A_64_P250567	XM_340807				7.66E-02	NS	2.94E-02	-2.1	4.04E-01	NS
A_64_P042152	NM_001107473	308322	Zim1	zinc finger, imprinted 1	5.71E-02	NS	8.97E-03	-2.1	4.94E-01	NS
A_64_P295169	AI236441				5.82E-01	NS	3.07E-02	-2.1	3.93E-01	NS
A_64_P065600	NM_022954	65048	Fat2	FAT tumor suppressor homolog 2 (Drosophila)	8.38E-01	NS	1.40E-02	-2.1	7.42E-01	NS
A_64_P054681	XM_001067238	315324	Krt78	keratin 78	6.79E-01	NS	3.81E-03	-2.1	2.87E-02	13.8
A_64_P006753	NM_001000485	302027	Olr1096	olfactory receptor 1096	7.60E-01	NS	3.14E-02	-2.1	3.36E-01	NS
A_64_P034264	XM_001078222				1.80E-01	NS	8.95E-03	-2.0	5.62E-01	NS
A_64_P094050	NM_001030044	498918	Irx5	iroquois homeobox 5	1.62E-01	NS	4.41E-02	-2.0	3.17E-01	NS
A_64_P006563	NM_001107755	311252	Pamr1	peptidase domain containing associated with muscle regeneration 1	7.73E-01	NS	8.21E-03	-2.0	1.90E-01	NS
A_64_P062648	NM_001106352	293937	Pkd2l1	polycystic kidney disease 2-like 1	2.65E-01	NS	3.90E-02	-2.0	2.48E-01	NS
A_42_P826938	NM_001109374	679668	LRRTM1	leucine rich repeat transmembrane neuronal 1	3.89E-01	NS	1.11E-02	-2.0	7.18E-01	NS
A_64_P156079	NM_001126085	498934	Lsm6	LSM6 homolog, U6 small nuclear RNA associated (S. cerevisiae)	1.99E-01	NS	2.83E-02	-2.0	1.30E-01	NS
A_64_P050877	XM_001081816	688321	LOC688321	similar to Lung carbonyl reductase [NADPH] (NADPH-dependent carbonyl reductase) (LCR) (Adipocyte P27 protein) (AP27)	8.42E-01	NS	1.10E-03	-2.0	6.12E-01	NS
A_64_P017952	AY321325				1.02E-01	NS	7.15E-03	-2.0	6.29E-01	NS
A_43_P13203	NM_133537	171059	Expi	extracellular proteinase inhibitor	1.24E-01	NS	4.43E-02	-2.0	5.68E-01	NS
A_44_P328097	NM_031650	58978	Slc01b3	solute carrier organic anion transporter family, member 1b3	9.76E-01	NS	1.98E-02	-2.0	9.22E-02	NS
A_42_P463998	NM_031013	81642	Abcc6	ATP-binding cassette, sub-family C (CFTR/MRP), member 6	6.66E-01	NS	2.30E-02	-2.0	1.94E-02	-1.5
A_43_P11654	NM_013007	25516	Phoc	prepronociceptin	2.23E-01	NS	1.44E-02	-2.0	2.95E-01	NS
A_44_P399414	NM_012593	24523	Klk11	kallikrein 1-like peptidase	1.17E-01	NS	2.52E-02	-2.0	1.31E-01	NS
A_42_P512860	NM_001005549	300846	Tinag	tubulointerstitial nephritis antigen	1.81E-01	NS	5.98E-03	-2.0	7.87E-01	NS
A_64_P075762	XM_341045	360777	RGD1563400	similar to paired immunoglobulin-like type 2 receptor beta	8.52E-01	NS	1.86E-02	-2.0	6.98E-01	NS
A_64_P060662	NM_001032397	252856	Tcf21	transcription factor 21	8.02E-01	NS	4.91E-02	-2.0	7.44E-01	NS
A_44_P418245	NM_013028	25546	Shox2	short stature homeobox 2	8.84E-01	NS	1.39E-03	-1.9	1.31E-01	NS
A_64_P006608	XM_002725807				7.48E-01	NS	1.29E-02	-1.9	8.27E-01	NS
A_64_P092342	NM_001042354	24245	Camk2b	calcium/calmodulin-dependent protein kinase II beta	6.20E-02	NS	4.50E-02	-1.9	2.68E-01	NS
A_44_P885377	NM_001104633	246262	Sema3d	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3D	2.33E-01	NS	9.25E-03	-1.9	6.85E-01	NS
A_64_P009788	XM_002726146	83826	Nr5a1	nuclear receptor subfamily 5, group A, member 1	4.80E-01	NS	1.35E-04	-1.9	2.73E-01	NS
A_64_P160333	NM_001134541	305812	RGD1563070	similar to hypothetical protein	5.31E-01	NS	2.21E-02	-1.9	1.99E-01	NS
A_64_P031329	NM_001107224	305431	Stk32b	serine/threonine kinase 32B	6.72E-02	NS	1.09E-02	-1.9	2.69E-01	NS
A_64_P040989	NM_031605	266674	Cyp4a8	cytochrome P450, family 4, subfamily a, polypeptide 8	6.49E-01	NS	1.65E-02	-1.9	9.02E-01	NS
A_64_P034128	NM_178096	338475	Nrep	neuronal regeneration related protein	1.19E-01	NS	7.76E-03	-1.9	8.04E-01	NS
A_44_P139815	NM_001000224	293424	Olr282	olfactory receptor 282	3.35E-01	NS	4.70E-02	-1.9	4.23E-01	NS
A_43_P16740	NM_001106103	291015	Ogn	osteoglycin	9.29E-01	NS	1.33E-03	-1.9	7.11E-02	NS

A_44_P773533	NM_001107659	310207	Sema5a	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A	7.94E-02	NS	5.93E-03	-1.9	1.43E-01	NS
A_42_P812008	NM_053611	113900	Nupr1	nuclear protein, transcriptional regulator, 1	9.00E-01	NS	1.11E-02	-1.9	8.09E-01	NS
A_64_P033205	NM_053867	116646	Tpt1	tumor protein, translationally-controlled 1	8.10E-01	NS	4.29E-02	-1.9	8.17E-01	NS
A_64_P067908	NM_022798	64702	Trim17	tripartite motif-containing 17	2.18E-01	NS	8.40E-03	-1.9	5.74E-01	NS
A_44_P944353	XM_001069261	499470	Armc2	armadillo repeat containing 2	1.33E-01	NS	4.03E-02	-1.9	4.24E-01	NS
A_64_P126995	NM_145083	246296	Lrrc15	leucine rich repeat containing 15	8.04E-01	NS	3.17E-02	-1.9	4.58E-01	NS
A_44_P319322	NM_001008761	360625	Krt12	keratin 12	2.34E-01	NS	2.54E-02	-1.9	1.97E-01	NS
A_64_P117578	XM_235209				8.89E-01	NS	4.58E-02	-1.9	5.49E-01	NS
A_64_P050984	NM_001107659	310207	Sema5a	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A	2.08E-01	NS	1.03E-02	-1.9	9.82E-02	NS
A_42_P542985	NM_001012740	291388	Cbln2	cerebellin 2 precursor	5.31E-01	NS	1.97E-03	-1.9	2.37E-01	NS
A_44_P461976	XR_085920				9.58E-01	NS	2.15E-02	-1.9	3.56E-01	NS
A_64_P091765	NM_017086	25148	Egr3	early growth response 3	5.94E-01	NS	5.86E-03	-1.8	9.84E-01	NS
A_64_P140881	NM_001107701	310689	RGD1309453	similar to hypothetical protein FLJ32884 preferentially expressed antigen in melanoma-like 1	7.86E-01	NS	2.51E-03	-1.8	4.71E-01	NS
A_44_P760567	NM_001109617	691051	Pramel1		6.12E-01	NS	3.82E-02	-1.8	2.09E-01	NS
A_64_P104497	AABR03059028				4.03E-01	NS	6.63E-03	-1.8	5.23E-01	NS
A_64_P036063	NM_001142366	25293	Aqp4	aquaporin 4	1.21E-01	NS	9.72E-03	-1.8	2.07E-01	NS
A_64_P013437	NM_001017496	498335	Cxcl13	chemokine (C-X-C motif) ligand 13	1.25E-01	NS	1.38E-02	-1.8	4.13E-04	-4.2
A_64_P038102	NM_023996	78982	Tas2r114	taste receptor, type 2, member 114	9.14E-01	NS	4.90E-02	-1.8	7.36E-01	NS
A_64_P071406	XM_001063062	499083	Zscan18	zinc finger and SCAN domain containing 18	8.23E-01	NS	4.18E-02	-1.8	1.37E-01	NS
A_43_P15533	NM_017095	25410	Cebpe	CCAAT/enhancer binding protein (C/EBP), epsilon	3.80E-01	NS	2.12E-02	-1.8	5.80E-01	NS
A_64_P049456	NM_012872	25343	Pdc	phosducin	8.63E-01	NS	4.37E-02	-1.8	1.87E-01	NS
A_64_P071615	XM_001075200	295423	RGD1560826	similar to glyceraldehyde-3-phosphate dehydrogenase	1.16E-01	NS	4.74E-02	-1.8	5.65E-02	NS
A_64_P050802	NM_001106985	302975	Syngn3	synaptogyrin 3	1.18E-01	NS	2.79E-02	-1.8	1.16E-01	NS
A_44_P262122	NM_145769	252892	Lgi1	leucine-rich, glioma inactivated 1	2.49E-01	NS	1.85E-02	-1.8	8.18E-02	NS
A_42_P678870	NM_019303	54246	Cyp2f4	cytochrome P450, family 2, subfamily f, polypeptide 4	2.71E-01	NS	1.29E-02	-1.8	1.80E-01	NS
A_64_P017363	NM_001013243	366568	Slc30a3	solute carrier family 30 (zinc transporter), member 3	6.44E-01	NS	1.67E-04	-1.8	7.70E-01	NS
A_64_P100327	XR_007778				5.90E-02	NS	2.95E-02	-1.8	5.97E-01	NS
A_42_P835462	NM_024349	24183	Ak1	adenylate kinase 1	7.52E-02	NS	2.44E-02	-1.8	2.71E-01	NS
A_42_P668126	NM_017308	29744	Sema6c	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C	6.44E-02	NS	3.53E-02	-1.8	7.35E-02	NS
A_64_P069522	NM_001109168	499367	Calhm1	calcium homeostasis modulator 1	7.86E-01	NS	8.50E-03	-1.8	1.66E-01	NS
A_64_P071645	XM_001080410	687866	LOC687866	similar to Myosin IB (MIB) (Brush border myosin IB) (BBMIB)	7.50E-01	NS	1.55E-02	-1.8	5.71E-01	NS
A_44_P342426	NM_001106108	291100	Irf4	interferon regulatory factor 4	2.11E-01	NS	3.07E-03	-1.8	1.90E-01	NS
A_43_P20954	XM_345041				7.39E-01	NS	2.83E-02	-1.8	3.39E-01	NS
A_64_P166188		29309	Coq3	coenzyme Q3 homolog, methyltransferase (S. cerevisiae)	4.35E-01	NS	3.06E-02	-1.8	4.21E-01	NS
A_64_P154982	AF205635				7.07E-02	NS	4.10E-02	-1.8	1.25E-01	NS
A_42_P822588	NM_031010	81639	Alox15	arachidonate 15-lipoxygenase	8.80E-01	NS	4.52E-02	-1.8	6.84E-01	NS
A_64_P139975	NM_001000567	366108	Olf577	olfactory receptor 577	9.34E-01	NS	1.24E-02	-1.8	6.04E-01	NS
A_64_P042913	XM_228557				5.11E-01	NS	9.78E-04	-1.8	9.58E-01	NS
A_43_P11940	NM_019123	29758	St6galnac3	ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide	7.66E-01	NS	1.49E-03	-1.8	5.38E-01	NS
A_43_P11952	NM_019151	29152	Mstn	myostatin	1.00E-01	NS	4.20E-02	-1.8	2.35E-02	2.9
A_64_P076470	XM_001065253	548104	Pcdhb17	protocadherin beta 17	5.80E-01	NS	3.88E-02	-1.8	4.84E-01	NS

A_64_P095438	NM_001108873	364420	Tnfrsf10b	tumor necrosis factor receptor superfamily, member 10b	2.17E-01	NS	1.85E-02	-1.8	5.74E-01	NS
A_64_P029118	NM_001107592	309380	Loxl4	lysyl oxidase-like 4	9.80E-01	NS	4.36E-02	-1.8	8.92E-02	NS
A_64_P053478	NM_001000748	405017	Olr60	olfactory receptor 60	8.54E-01	NS	3.38E-04	-1.8	5.36E-01	NS
A_64_P009142	NM_001000249	293765	Olr327	olfactory receptor 327	5.63E-01	NS	3.03E-02	-1.8	9.22E-01	NS
A_64_P060319	XM_574558	499263	Gsg1l	GSG1-like	7.38E-01	NS	2.32E-02	-1.7	6.86E-02	NS
A_64_P156319	NM_001111269	689064	LOC689064	beta-globin	8.10E-02	NS	2.42E-02	-1.7	7.85E-02	NS
A_64_P283295	XM_001056646				2.13E-01	NS	1.04E-02	-1.7	2.47E-01	NS
A_64_P135888	XM_001081555				9.91E-01	NS	2.98E-02	-1.7	1.06E-01	NS
A_64_P050739	XM_343261	500892	Cyp11b1	cytochrome P450, family 11, subfamily b, polypeptide 1	6.42E-01	NS	1.10E-02	-1.7	3.55E-01	NS
A_64_P009624	XM_001079643	499848	Ccdc73	coiled-coil domain containing 73	5.01E-01	NS	1.14E-02	-1.7	6.24E-01	NS
A_64_P086041	NM_001025020	362235	Tmem90b	transmembrane protein 90B	1.00E-01	NS	2.20E-02	-1.7	5.55E-01	NS
A_64_P093078	NM_001000075	288886	Olr1006	olfactory receptor 1006	6.63E-01	NS	2.77E-02	-1.7	4.78E-01	NS
A_44_P328046	NM_172043	64459	Masp2	mannan-binding lectin serine peptidase 2	6.34E-01	NS	4.01E-02	-1.7	7.40E-01	NS
A_64_P004970	XM_001070223				8.05E-02	NS	4.30E-02	-1.7	8.68E-02	NS
A_64_P053378	XM_001078339	362846	RGD1560314	RGD1560314	5.43E-01	NS	3.11E-02	-1.7	9.35E-01	NS
A_64_P165376	NM_013150	497815	Nrcam	neuronal cell adhesion molecule radical S-adenosyl methionine domain containing 2	6.88E-02	NS	3.79E-03	-1.7	5.79E-01	NS
A_64_P114193	NM_138881	65190	Rsad2	similar to RIKEN cDNA 5031410I06	3.56E-01	NS	3.38E-02	-1.7	3.51E-01	NS
A_64_P132309	XM_001062428	685125	LOC685125		3.62E-01	NS	3.25E-02	-1.7	5.08E-01	NS
A_64_P039809	XM_001064543				4.90E-01	NS	1.28E-02	-1.7	8.46E-01	NS
A_64_P115341	NM_001135002	689425	LOC689425	hypothetical protein LOC689425	3.02E-01	NS	3.35E-03	-1.7	9.85E-01	NS
A_64_P069957	NM_173315	286981	Vom2r32	vomeroneasal 2 receptor, 32	8.65E-01	NS	3.59E-02	-1.7	7.60E-01	NS
A_64_P052980	NM_001014786	298210	Ifna1	interferon-alpha 1	6.14E-01	NS	2.00E-02	-1.7	8.40E-02	NS
A_64_P118812	NM_001000512	311175	Olr601	olfactory receptor 601	7.16E-01	NS	4.35E-02	-1.7	2.14E-01	NS
A_44_P371635	NM_053382	84397	Tnfaip6	tumor necrosis factor alpha induced protein 6	5.89E-02	NS	3.02E-02	-1.7	5.17E-01	NS
A_64_P058256	XM_001080607	498194	Mn1	meningioma 1	1.71E-01	NS	2.08E-02	-1.7	3.77E-01	NS
A_44_P393352	NM_001000232	293594	Olr292	olfactory receptor 292	4.54E-01	NS	4.93E-02	-1.7	1.36E-01	NS
A_44_P415957	NM_022927	54252	Mid1	midline 1	4.59E-01	NS	7.60E-03	-1.7	1.02E-01	NS
A_64_P020358	XM_001080884	296091	Pla2g4e	phospholipase A2, group IVE	7.59E-01	NS	4.17E-02	-1.7	8.23E-01	NS
A_42_P592981	NM_001107989	313662	Mfap2	microfibrillar-associated protein 2	5.37E-02	NS	4.11E-02	-1.7	4.49E-02	1.4
A_64_P011324	NM_001024285	498999	Ahrr	aryl-hydrocarbon receptor repressor	8.38E-01	NS	3.20E-02	-1.7	4.74E-01	NS
A_44_P526100	AY387063				4.10E-01	NS	4.74E-02	-1.7	8.53E-01	NS
A_42_P620006	NM_133581	171112	Wfdc1	WAP four-disulfide core domain 1 solute carrier organic anion transporter family, member 5A1	6.04E-02	NS	2.52E-02	-1.7	1.63E-01	NS
A_64_P156837	NM_001107898	312907	Slco5a1	LAG1 homolog, ceramide synthase 1	1.15E-01	NS	4.35E-02	-1.7	8.69E-02	NS
A_44_P429006	NM_001044230	290658	Lass1	LAG1 homolog, ceramide synthase 1	5.46E-02	NS	9.42E-03	-1.7	1.37E-01	NS
A_44_P416960	NM_001108224	316521	Vil1	villin 1	4.29E-01	NS	3.87E-02	-1.7	6.79E-01	NS
A_44_P600286	XM_002726055				5.40E-01	NS	4.08E-02	-1.7	1.55E-01	NS
A_64_P157400	NM_001108633	362384	Reep1	receptor accessory protein 1 ribonuclease, RNase A family, 11 (non-active)	9.94E-01	NS	3.04E-04	-1.7	6.79E-01	NS
A_64_P039616	NM_001012476	497651	Rnase11		4.38E-01	NS	3.98E-02	-1.7	3.74E-01	NS
A_44_P352268	NM_031821	83722	Plk2	polo-like kinase 2 (Drosophila)	2.13E-01	NS	9.88E-04	-1.6	7.26E-02	NS
A_64_P166118	NM_053678	114213	Rax	retina and anterior neural fold homeobox	8.60E-01	NS	3.25E-02	-1.6	5.31E-01	NS
A_64_P099638	NM_001135809	100169711	Lcn11	lipocalin 11	7.66E-01	NS	2.97E-02	-1.6	4.40E-02	-2.6
A_64_P155608	XM_002724821				1.58E-01	NS	4.96E-02	-1.6	1.24E-01	NS
A_44_P577899	NM_001108615	362291	Myt1	myelin transcription factor 1 sarcoglycan, alpha (dystrophin-associated glycoprotein)	4.19E-01	NS	1.89E-02	-1.6	1.19E-01	NS
A_43_P16949	NM_001107039	303468	Sgca		9.91E-02	NS	1.54E-02	-1.6	2.02E-01	NS
A_64_P073673	NM_001025145	499425	Zfp365	zinc finger protein 365	9.26E-02	NS	4.61E-03	-1.6	5.53E-01	NS
A_64_P089195	XM_002729455				2.55E-01	NS	1.32E-03	-1.6	2.34E-01	NS
A_42_P523517	FQ229104				6.57E-01	NS	4.69E-02	-1.6	1.15E-01	NS
A_42_P637189	NM_031612	58812	Apln	apelin	3.14E-01	NS	4.13E-03	-1.6	3.47E-01	NS
A_44_P280799	NM_001000654	404852	Olr613	olfactory receptor 613 similar to Leo1, Paf1/RNA polymerase II complex component, homolog	1.15E-01	NS	3.60E-02	-1.6	2.55E-01	NS
A_64_P133957	XM_001080079	691914	LOC691914		4.66E-01	NS	4.15E-02	-1.6	8.34E-01	NS
A_64_P014685	NM_001000029	287496	Olr1492	olfactory receptor 1492	6.09E-01	NS	3.07E-02	-1.6	2.30E-01	NS

A_44_P897884	NM_001017492	498251	Apobec4	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 4 (putative)	2.21E-01	NS	2.77E-02	-1.6	3.41E-01	NS
A_44_P262645	NM_001044230	290658	Lass1	LAG1 homolog, ceramide synthase 1	2.03E-01	NS	1.10E-02	-1.6	8.11E-01	NS
A_64_P111630	NM_001013166	312793	Gsg1	germ cell associated 1	2.81E-01	NS	2.04E-02	-1.6	7.30E-01	NS
A_64_P119477	NM_001000795	405079	Olr1308	olfactory receptor 1308	7.86E-01	NS	2.03E-02	-1.6	2.94E-01	NS
A_64_P302169	NM_001099493	690816	Vom2r24	vomeronasal 2 receptor, 24	9.75E-01	NS		-1.6	6.81E-01	NS
A_64_P054446	NM_001109385	679958	LOC679958	similar to CG10806-PB, isoform B	8.08E-01	NS	3.20E-02	-1.6	2.30E-01	NS
A_64_P056643	XM_002726526	298051	RGD1309291	similar to RIKEN cDNA 4930547C10 potassium large conductance calcium-activated channel, subfamily M, beta member 1	1.03E-01	NS	1.60E-02	-1.6	2.86E-02	-2.0
A_64_P045750	NM_019273	29747	Kcnmb1		9.73E-01	NS	3.98E-02	-1.6	5.32E-01	NS
A_64_P136061	NM_133400	170912	A1cf	APOBEC1 complementation factor	3.58E-01	NS	2.85E-02	-1.6	2.23E-01	NS
A_64_P029102	NM_001105883	288124	Pvrl3	poliovirus receptor-related 3	3.44E-01	NS	3.94E-02	-1.6	9.61E-01	NS
A_64_P098774		311743	RGD1561394	similar to MLTK-beta	1.19E-01	NS	1.50E-03	-1.6	3.70E-01	NS
A_64_P052791	NM_138889	192248	Cdh13	cadherin 13	1.06E-01	NS	2.39E-02	-1.6	3.53E-01	NS
A_44_P541262	XM_001080760	691998	LOC691998	similar to NACHT, leucine rich repeat and PYD containing 1	5.28E-01	NS	1.63E-02	-1.6	5.56E-01	NS
A_64_P048301	NM_001107760	311332	Dll4	delta-like 4 (Drosophila)	6.73E-02	NS	1.17E-02	-1.6	5.48E-01	NS
A_44_P255608	NM_001098724	311562	Necab3	N-terminal EF-hand calcium binding protein 3	5.15E-01	NS	2.22E-02	-1.6	7.41E-01	NS
A_43_P23237	NM_001107108	304071	Sim2	single-minded homolog 2 (Drosophila)	7.19E-01	NS	4.61E-02	-1.6	2.59E-02	4.0
A_64_P108094	XM_345205				1.46E-01	NS	4.97E-02	-1.6	9.10E-02	NS
A_43_P21037	NM_001100901	362242	Snta1	syntrophin, acidic 1	1.00E-01	NS	3.76E-02	-1.6	8.55E-02	NS
A_64_P065922	NM_022922	24849	Tpi1	triosephosphate isomerase 1	3.69E-01	NS	1.51E-02	-1.6	1.66E-01	NS
A_64_P134277	XM_001076631				5.49E-01	NS	5.00E-03	-1.6	6.54E-01	NS
A_64_P158040	NM_001009520	494240	Vom1r76	vomeronasal 1 receptor, 76	6.73E-01	NS	1.44E-02	-1.6	3.18E-01	NS
A_44_P431109	NM_012969	25467	Irs1	insulin receptor substrate 1	6.96E-02	NS	1.54E-04	-1.6	6.30E-01	NS
A_44_P473557	XM_002727671				8.65E-01	NS	3.93E-02	-1.6	6.67E-01	NS
A_42_P766165	NM_001106142	291565	Afap111	actin filament associated protein 1-like 1 serine (or cysteine) peptidase inhibitor, clade F, member 2	3.43E-01	NS	3.42E-02	-1.6	1.15E-01	NS
A_44_P762292	NM_001011892	287527	Serpinf2		3.25E-01	NS	2.12E-02	-1.6	2.79E-02	1.3
A_43_P22322	XR_008302				5.08E-01	NS	2.78E-02	-1.6	2.59E-01	NS
A_64_P397735	XR_086356	100359554	LOC100359554	Cytochrome P450 2C26-like	9.35E-02	NS	2.84E-02	-1.6	1.26E-01	NS
A_64_P105303	XM_227368				4.53E-01	NS	2.36E-02	-1.6	6.20E-01	NS
A_44_P480939	NM_001107008	303212	Znf287	zinc finger protein 287	2.69E-01	NS	3.44E-02	-1.6	7.10E-01	NS
A_64_P093842	NM_001001379	299553	Olr1090	olfactory receptor 1090	8.67E-01	NS	4.98E-03	-1.6	7.48E-01	NS
A_44_P459760	NM_001108187	316001	RGD1560778	similar to RIKEN cDNA 6530418L21	1.81E-01	NS	7.22E-03	-1.6	3.22E-01	NS
A_64_P149129	NM_012969	25467	Irs1	insulin receptor substrate 1	1.01E-01	NS	2.60E-02	-1.6	6.91E-01	NS
A_44_P637087	NM_001122658	501125	Fam178b	family with sequence similarity 178, member B	7.80E-01	NS	1.14E-02	-1.6	5.13E-01	NS
A_44_P550490	NM_019282	50566	Grem1	gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis)	4.72E-01	NS	2.29E-04	-1.6	3.13E-01	NS
A_44_P384698	XM_216321				6.26E-02	NS	4.75E-02	-1.6	1.93E-02	2.2
A_44_P384260	NM_021595	59115	Ninj2	ninjurin 2	7.44E-01	NS	1.19E-02	-1.6	1.85E-01	NS
A_64_P017500	NM_214459	362284	Phactr3	phosphatase and actin regulator 3	8.96E-01	NS	4.75E-02	-1.6	7.98E-01	NS
A_64_P058883	NM_012731	25054	Ntrk2	neurotrophic tyrosine kinase, receptor, type 2	7.80E-01	NS	5.31E-03	-1.6	3.06E-01	NS
A_64_P072377	XM_001067241				1.52E-01	NS	2.32E-02	-1.6	5.76E-01	NS
A_44_P497692	XR_009418				1.51E-01	NS	4.05E-02	-1.6	2.41E-01	NS
A_64_P018736	NM_001000494	302958	Olr1369	olfactory receptor 1369	5.58E-01	NS	4.78E-02	-1.6	5.07E-02	NS
A_44_P351461	XM_001055576	291648	Pcdhb11	protocadherin beta 11	7.59E-01	NS	1.03E-02	-1.6	2.77E-01	NS
A_64_P042086	NM_001108910	365222	Lrfr1	leucine rich repeat and fibronectin type III domain containing 1	1.59E-01	NS	2.23E-02	-1.6	3.83E-01	NS
A_44_P256301	NM_019282	50566	Grem1	gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis)	9.66E-01	NS	1.86E-02	-1.6	9.37E-02	NS
A_64_P060874	NM_012774	25236	Gpc3	glypican 3	9.95E-01	NS	1.53E-02	-1.6	3.64E-01	NS
A_64_P093507	NM_153821	266813	Prx1	paired related homeobox 1	2.59E-01	NS	4.58E-03	-1.6	7.56E-01	NS
A_44_P267628	XM_001073741	690226	LOC690226	similar to dehydrogenase/reductase (SDR family) member 7	3.53E-01	NS	3.86E-02	-1.6	2.11E-01	NS
A_43_P12257	NM_022604	64536	Esm1	endothelial cell-specific molecule 1	1.18E-01	NS	1.15E-02	-1.6	8.10E-03	-2.9

A_42_P516658	NM_001024888	310614	Gatad2b	GATA zinc finger domain containing 2B	7.95E-01	NS	5.92E-03	-1.6	8.08E-01	NS
A_64_P108495	NM_001000771	405046	Olr1455	olfactory receptor 1455	2.71E-01	NS	3.08E-02	-1.6	2.91E-01	NS
A_64_P134183	NM_001037514	641643	Defb12	defensin beta 12	7.08E-01	NS	2.74E-02	-1.6	9.13E-01	NS
A_44_P156774	XM_344467				3.47E-01	NS	4.62E-02	-1.6	4.10E-01	NS
A_44_P295789	NM_012834	25304	Comp	cartilage oligomeric matrix protein	6.46E-01	NS	1.29E-02	-1.6	6.55E-02	NS
A_64_P014302	NM_019284	50568	Cspg5	chondroitin sulfate proteoglycan 5	2.00E-01	NS	1.60E-02	-1.5	6.62E-01	NS
A_42_P707818	XM_223107	305095	Tmcc2	transmembrane and coiled-coil domain family 2	9.23E-01	NS	1.67E-02	-1.5	5.06E-01	NS
A_64_P042596	NM_001106854	300990	RGD1307461	similar to RIKEN cDNA 6430571L13 gene; similar to g20 protein	9.42E-02	NS	3.30E-02	-1.5	4.78E-02	2.1
A_64_P051104	NM_001105967	289201	Lmx1a	LIM homeobox transcription factor 1 alpha	5.56E-02	NS	1.87E-02	-1.5	5.51E-01	NS
A_44_P383667	NM_020089	56764	LOC56764	dnaj-like protein	7.50E-02	NS	4.40E-02	-1.5	3.50E-01	NS
A_64_P096244	NM_053651	114109	Nkx2-5	NK2 transcription factor related, locus 5 (Drosophila)	1.60E-01	NS	4.92E-02	-1.5	5.18E-01	NS
A_64_P122437	XM_001060483	681146	LOC681146	hypothetical protein LOC681146	2.22E-01	NS	3.32E-02	-1.5	1.71E-01	NS
A_44_P165643	FQ225091	314251	Sptb	spectrin, beta, erythrocytic	1.42E-01	NS	2.88E-02	-1.5	7.65E-02	NS
A_44_P372358	NM_001000202	293369	Olr223	olfactory receptor 223	2.33E-01	NS	1.16E-02	-1.5	4.26E-01	NS
A_44_P477406	NM_012751	25139	Slc2a4	solute carrier family 2 (facilitated glucose transporter), member 4	6.79E-02	NS	2.58E-02	-1.5	8.04E-02	NS
A_64_P064259	XM_001076325				1.02E-01	NS	1.93E-02	-1.5	5.58E-02	NS
A_44_P247880	XM_001074265	116630	Csf2	colony stimulating factor 2 (granulocyte-macrophage)	2.21E-01	NS	4.74E-02	-1.5	7.86E-01	NS
A_64_P045339	NM_031358	83535	Kcnj11	potassium inwardly rectifying channel, subfamily J, member 11	7.28E-02	NS	4.25E-02	-1.5	2.40E-01	NS
A_64_P057453	NM_001037190	303448	LOC303448	similar to glyceraldehyde-3-phosphate dehydrogenase	5.50E-02	NS	2.71E-02	-1.5	3.19E-02	2.0
A_64_P007578	NM_001000851	405141	Olr807	olfactory receptor 807	1.44E-01	NS	1.95E-02	-1.5	8.33E-01	NS
A_64_P008502	NM_001109574	690294	Tmem169	transmembrane protein 169	8.19E-02	NS	2.81E-03	-1.5	1.99E-02	-2.7
A_64_P008042	NM_001012112	314457	Ankrd9	ankyrin repeat domain 9	1.97E-01	NS	1.76E-02	-1.5	4.59E-01	NS
A_64_P258712	XR_085886				2.38E-01	NS	3.50E-02	-1.5	1.21E-01	NS
A_44_P686854	NM_001100995	500874	RGD1563224	similar to 4930438D12Rik protein	1.98E-01	NS	5.08E-03	-1.5	2.54E-01	NS
A_64_P120594	NM_001099490	690680	Vom2r15	vomeroneasal 2 receptor, 15	1.90E-01	NS	4.98E-02	-1.5	1.34E-01	NS
A_64_P130531	NM_001134568	317617	RGD1563666	similar to chromosome X open reading frame 43	1.82E-01	NS	4.42E-02	-1.5	3.40E-01	NS
A_44_P552692	NM_019287	54225	Apop	apolipoprotein B	9.36E-01	NS	6.58E-03	-1.5	5.90E-01	NS
A_64_P156960	NM_001109008	367313	Col6a3	procollagen, type VI, alpha 3	1.01E-01	NS	2.52E-02	-1.5	3.72E-01	NS
A_64_P142759	NM_001108590	362202	Epb4.2	erythrocyte protein band 4.2	1.14E-01	NS	3.05E-03	-1.5	9.52E-01	NS
A_64_P143770	XM_001081651	498019	RGD1565238	similar to glyceraldehyde-3-phosphate dehydrogenase	8.97E-02	NS	1.55E-02	-1.5	5.95E-02	NS
A_44_P1052080	NM_001107291	306251	Itih1	inter-alpha trypsin inhibitor, heavy chain 1	1.70E-01	NS	3.10E-03	-1.5	6.91E-01	NS
A_44_P990998	NM_001107509	308565	Klk8	kallikrein related-peptidase 8	7.27E-01	NS	4.81E-02	-1.5	9.84E-02	NS
A_64_P161635	NM_001047891	315963	RGD1310507	similar to RIKEN cDNA 1300017J02	2.38E-01	NS	2.48E-02	-1.5	2.58E-01	NS
A_64_P096459	NM_053716	114508	Fbp2	fructose-1,6-bisphosphatase 2	2.61E-01	NS	4.96E-02	-1.5	1.97E-01	NS
A_44_P527054	NM_001000019	287336	Olr1448	olfactory receptor 1448	7.76E-01	NS	4.55E-02	-1.5	6.55E-01	NS
A_44_P408395	NM_022228	63867	Ugt2a1	UDP glucuronosyltransferase 2 family, polypeptide A1	9.08E-01	NS	4.39E-02	-1.5	5.44E-01	NS
A_64_P139295	NM_001083811	29627	Gria2	glutamate receptor, ionotropic, AMPA 2	4.96E-01	NS	4.18E-02	-1.5	7.72E-01	NS
A_64_P004854	NM_053321	58949	Ptafr	platelet-activating factor receptor	1.21E-01	NS	3.96E-03	-1.5	9.27E-01	NS
A_64_P117160	XM_001081683	688256	LOC688256	receptor beta	9.79E-01	NS	2.35E-02	-1.5	7.10E-01	NS
A_64_P103524	NM_001108988	366836	Ephx3	epoxide hydrolase 3	1.84E-01	NS	4.09E-02	-1.5	1.34E-01	NS
A_44_P900672	NM_032106	84409	Robo2	roundabout, axon guidance receptor, homolog 2 (Drosophila)	3.71E-01	NS	4.95E-02	-1.5	6.32E-01	NS
A_64_P145712	XM_233772				1.12E-01	NS	3.00E-02	-1.5	3.71E-02	2.0
A_64_P074904	NM_001109093	498416	Grb10	growth factor receptor bound protein 10	9.85E-02	NS	1.26E-02	-1.5	2.16E-01	NS
A_44_P100716	NM_001110810	291926	Myk3	myosin light chain kinase 3	1.33E-01	NS	1.65E-03	-1.5	5.32E-02	NS
A_64_P061971	XM_223850				7.09E-02	NS	2.17E-02	-1.5	7.03E-02	NS
A_64_P107406	XM_215391				6.27E-02	NS	3.06E-02	-1.5	2.66E-02	2.2
A_64_P030066	NM_001008961	494304	Vom1r14	vomeroneasal 1 receptor, 14	8.48E-01	NS	3.54E-02	-1.5	2.91E-01	NS
A_44_P746333	NM_001107639	309871	Prdm1	PR domain containing 1, with ZNF domain	8.76E-01	NS	7.50E-03	-1.5	9.54E-02	NS

A_64_P020471	XM_002725036	305705	Lrrc3b	leucine rich repeat containing 3B	8.06E-01	NS	3.48E-02	-1.5	2.70E-01	NS
A_64_P011704	NM_001033072	500959	LOC500959	triosephosphate isomerase similar to very large inducible GTPase 1 isoform A	6.49E-02	NS	4.88E-02	-1.5	4.63E-02	2.1
A_64_P126365	XM_001075550	499229	LOC499229		9.08E-01	NS	3.16E-02	-1.5	4.73E-01	NS
A_64_P005732	XM_219208				6.16E-02	NS	1.35E-02	-1.5	2.40E-02	1.9
A_64_P157405	NM_001108633	362384	Reep1	receptor accessory protein 1	1.10E-01	NS	4.54E-02	-1.5	3.05E-01	NS
A_64_P044935	XM_230014				1.29E-01	NS	2.68E-02	-1.5	1.84E-02	2.0
A_43_P10340	XR_006986				9.64E-01	NS	2.47E-02	-1.5	6.88E-01	NS
A_44_P255280	NM_012764	25172	Gata1	GATA binding protein 1	3.64E-01	NS	1.25E-02	-1.5	9.09E-01	NS
A_64_P089763	XM_344243				5.30E-02	NS	2.91E-02	-1.5	1.45E-02	2.0
A_64_P152542	XM_221353				1.17E-01	NS	3.50E-02	-1.5	7.08E-02	NS
A_64_P038414	NM_017061	24914	Lox	lysyl oxidase	9.86E-02	NS	1.65E-02	-1.5	3.48E-01	NS
A_64_P084693	XM_001081046				2.78E-01	NS	3.20E-02	-1.5	8.75E-01	NS
A_64_P134283	XM_237274				1.17E-01	NS	3.42E-02	-1.5	4.38E-02	1.8
A_44_P335415	XM_228411				7.51E-02	NS	3.43E-02	-1.5	6.60E-02	NS
A_44_P491824	NM_133605	171140	Camk2g	calcium/calmodulin-dependent protein kinase II gamma	8.24E-02	NS	4.02E-02	-1.5	1.00E-01	NS
A_64_P036950	NM_134328	113914	Taar1	trace-amine-associated receptor 1	3.52E-01	NS	2.51E-02	-1.5	4.18E-01	NS
A_64_P114288	NM_001000005	287262	Olr1407	olfactory receptor 1407	5.35E-01	NS	9.62E-03	-1.5	4.96E-01	NS
A_42_P751742	NM_001135088	685474	Zfp385a	zinc finger protein 385A	1.53E-01	NS	2.96E-02	-1.5	2.03E-01	NS
A_64_P152543	XM_221353				6.74E-02	NS	3.71E-02	-1.5	2.47E-02	1.9
A_44_P206326	NM_001106937	302369	Tbx22	T-box 22	4.96E-01	NS	4.21E-02	-1.5	4.09E-01	NS
A_64_P057452	XM_228193				1.37E-01	NS	2.07E-02	-1.5	7.16E-02	NS
A_64_P051019	XM_228999				1.17E-01	NS	2.78E-02	-1.5	8.06E-02	NS
A_44_P456769	NM_057199	117547	Ncr1	natural cytotoxicity triggering receptor 1	2.52E-01	NS	1.06E-02	-1.5	8.44E-01	NS
A_64_P026226	NM_001170606	361319	Spink5	serine peptidase inhibitor, Kazal type 5	8.76E-01	NS	3.57E-02	-1.5	5.26E-01	NS
A_43_P13931	NM_001105974	289264	Grem2	gremlin 2, cysteine knot superfamily, homolog (Xenopus laevis)	3.48E-01	NS	4.41E-02	-1.5	2.63E-02	2.4
A_44_P267454	NM_001014049	311470	Sel1l2	sel-1 suppressor of lin-12-like 2 (C. elegans)	8.59E-01	NS	2.52E-02	-1.5	2.45E-01	NS
A_64_P089467	XM_225042				2.15E-01	NS	1.47E-02	-1.5	2.17E-02	1.7
A_64_P049515	XM_001059246	680866	Tmem45a	transmembrane protein 45A similar to methionine-R-sulfoxide reductase B3	2.49E-01	NS	2.01E-02	-1.5	3.09E-01	NS
A_64_P121779	XM_001081046	688073	LOC688073		1.73E-01	NS	8.94E-03	-1.5	6.51E-01	NS
A_44_P161470	NM_001033076	613223	Defa6	defensin alpha 6	5.51E-01	NS	3.00E-02	-1.5	8.59E-02	NS
A_64_P003045	XM_345008				7.24E-02	NS	2.90E-02	-1.5	2.49E-02	1.7
A_44_P1050480	NM_053882	116662	Ecm1	extracellular matrix protein 1	3.81E-01	NS	2.97E-02	-1.5	2.66E-01	NS
A_64_P042639	NM_001109171	499430	Lrrc20	leucine rich repeat containing 20	1.34E-01	NS	4.37E-02	-1.5	1.30E-01	NS
A_64_P085971	NM_133391	362464	Arntl2	aryl hydrocarbon receptor nuclear translocator-like 2	6.93E-02	NS	4.44E-02	-1.5	6.04E-01	NS
A_44_P208640	XM_345107	365577	RGD1559810	similar to hypothetical protein EGF-like module containing, mucin-like, hormone receptor-like sequence 4	2.74E-01	NS	3.64E-02	-1.5	7.04E-01	NS
A_64_P021325	NM_001007558	450235	Emr4	hormone receptor-like sequence 4	7.25E-01	NS	2.07E-02	-1.5	5.16E-01	NS
A_44_P447394	NM_019193	29361	Sox10	SRY (sex determining region Y)-box 10	2.18E-01	NS	3.66E-02	-1.5	5.42E-01	NS
A_64_P028824	XM_215798				1.13E-01	NS	2.46E-02	-1.5	4.93E-02	1.6
A_44_P196146	NM_031349	83518	Aplnr	apelin receptor	1.01E-01	NS	2.26E-04	-1.5	4.50E-01	NS
A_64_P019125	AABR03002941				7.88E-02	NS	4.01E-02	-1.5	6.34E-02	NS
A_43_P14796	XM_001063452	682861	LOC682861	similar to adenomatosis polyposis coli down-regulated 1	6.10E-01	NS	1.20E-02	-1.5	1.69E-01	NS
A_64_P053031	BP491799				6.09E-01	NS	4.57E-02	-1.5	2.51E-01	NS
A_64_P021878	NM_001167664	501738	LOC501738	hypothetical LOC501738	1.09E-01	NS	6.26E-04	-1.5	1.70E-01	NS
A_44_P503115	NM_001100700	310552	Sfrp2	secreted frizzled-related protein 2	7.65E-01	NS	2.50E-02	-1.5	3.08E-01	NS
A_64_P131878	XM_001056123	298233	RGD1562966	similar to zinc finger protein 352	7.34E-01	NS	3.08E-02	-1.5	3.68E-01	NS
A_42_P641962	NM_012999	25507	Pcsk6	proprotein convertase subtilisin/kexin type 6	1.03E-01	NS	2.67E-02	-1.5	1.64E-01	NS
A_64_P089733	NM_001001364	288839	Olr1051	olfactory receptor 1051	8.52E-01	NS	4.91E-02	-1.5	7.01E-02	NS
A_64_P147106	NM_001106211	292325	B3gnt6	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6 (core 3 synthase)	3.71E-01	NS	2.30E-03	-1.5	9.52E-01	NS
A_43_P16141	NM_130828	170672	Nphs2	nephrosis 2 homolog (human)	9.41E-01	NS	2.58E-02	-1.5	7.97E-01	NS

A_64_P076555	NM_001106630	297748	Jph1	junctophilin 1	9.38E-01	NS	1.87E-02	-1.5	9.44E-01	NS
A_64_P027858	NM_001037190	303448	LOC303448	similar to glyceraldehyde-3-phosphate dehydrogenase	1.14E-01	NS	3.08E-02	-1.5	9.30E-02	NS
A_44_P454343	NM_001047960	500702	LOC500702	LRRGT00051	9.29E-01	NS	3.62E-02	-1.5	3.36E-01	NS
A_64_P030000	EV763695				3.82E-01	NS	2.28E-02	-1.5	5.59E-02	NS
A_44_P370319	XM_219295				9.58E-02	NS	3.69E-02	-1.5	2.22E-02	2.1
A_44_P173370	XM_228217				1.21E-01	NS	2.24E-02	-1.5	3.47E-02	1.8
A_44_P454532	NM_012901	25377	Ambp	alpha-1-microglobulin/bikunin precursor	7.49E-01	NS	4.00E-02	-1.5	1.02E-01	NS
A_64_P002829	XM_228801				8.70E-01	NS	4.92E-02	-1.5	5.47E-01	NS
A_64_P076495	XM_227696				7.69E-02	NS	2.57E-02	-1.5	2.73E-02	1.8
A_42_P780932	NM_031348	83517	Fcn1	ficolin (collagen/fibrinogen domain containing) 1	1.24E-01	NS	1.56E-02	-1.5	6.36E-01	NS
A_44_P1041460	NM_001106641	297960	Rragd	Ras-related GTP binding D	5.34E-01	NS	4.20E-02	-1.5	3.15E-01	NS
A_44_P900083	NM_001109074	498274	RGD1565283	similar to novel protein	2.09E-01	NS	1.46E-02	-1.5	6.15E-01	NS
A_44_P464960	XM_001078202	497923	Znf286a	zinc finger protein 286A	9.13E-01	NS	1.12E-02	-1.5	9.55E-01	NS
A_64_P036991	NM_031766	83575	Cpz	carboxypeptidase Z	7.76E-01	NS	3.05E-02	-1.5	9.53E-02	NS
A_64_P052510	NM_017008	24383	Gapdh	glyceraldehyde-3-phosphate dehydrogenase	9.90E-02	NS	2.77E-02	-1.5	8.85E-02	NS
A_64_P118878	XM_002728657				6.22E-01	NS	4.78E-02	-1.5	7.53E-01	NS
A_64_P005029	NM_001126093	685448	Pcp411	Purkinje cell protein 4-like 1	2.69E-01	NS	8.21E-03	-1.5	9.60E-01	NS
A_44_P111759	NM_001000956	405305	Olr1456	olfactory receptor 1456	3.59E-01	NS	3.62E-02	-1.5	6.44E-02	NS
A_44_P451357	NM_012656	24791	Sparc	secreted protein, acidic, cysteine-rich (osteonectin)	9.95E-01	NS	1.35E-02	-1.5	6.36E-01	NS
A_44_P605194	NM_001108295	360613	Ccdc49	coiled-coil domain containing 49	8.57E-02	NS	3.37E-02	-1.5	7.17E-01	NS
A_44_P715330	NM_001024966	287637	Samd14	sterile alpha motif domain containing 14	4.52E-01	NS	2.12E-02	-1.4	3.13E-01	NS
A_64_P004869	NM_175587	294130	Taar7h	trace amine-associated receptor 7h	6.40E-01	NS	3.19E-02	-1.4	8.40E-01	NS
A_44_P671089	NM_001101680	171356	Foxc2	forkhead box C2	1.36E-01	NS	6.64E-04	-1.4	3.70E-01	NS
A_44_P302179	XM_001070842	294691	Naip5	NLR family, apoptosis inhibitory protein 5	9.43E-01	NS	4.76E-02	-1.4	4.25E-02	-1.6
A_64_P005997	XM_001075473				6.68E-01	NS	4.01E-02	-1.4	4.38E-01	NS
A_44_P422356	XM_001073650				7.46E-01	NS	2.54E-02	-1.4	2.46E-01	NS
A_44_P493802	NM_019264	29699	Prkar2a	protein kinase, cAMP dependent regulatory, type II alpha	3.94E-01	NS	1.11E-02	-1.4	9.75E-01	NS
A_64_P091254	NM_001106254	292852	Klk7	kallikrein-related peptidase 7	3.58E-01	NS	4.91E-02	-1.4	2.12E-01	NS
A_64_P053114	NM_001136151	432361	Nrg2	neuregulin 2	3.14E-01	NS	3.24E-02	-1.4	7.60E-01	NS
A_64_P139845	XM_001070575	498198	Cyp3a73	cytochrome P450, family 3, subfamily a, polypeptide 73	6.05E-01	NS	1.75E-02	-1.4	1.89E-01	NS
A_42_P544898	NM_001108279	360551	Bcl6b	B-cell CLL/lymphoma 6, member B (zinc finger protein)	2.94E-01	NS	2.27E-04	-1.4	3.87E-01	NS
A_64_P034769	NM_017212	29477	Mapt	microtubule-associated protein tau	8.96E-01	NS	1.28E-04	-1.4	1.52E-01	NS
A_64_P110151	XM_223741				8.90E-02	NS	2.19E-02	-1.4	2.09E-02	2.0
A_64_P015451	NM_001100781	414065	Nanog	Nanog homeobox	9.11E-01	NS	2.66E-02	-1.4	4.05E-01	NS
A_42_P504549	NM_001014191	362521	Tmem38b	transmembrane protein 38B	5.18E-02	NS	4.07E-02	-1.4	1.63E-01	NS
A_44_P402980	NM_001107558	309095	Nkx6-2	NK6 homeobox 2	8.29E-01	NS	1.86E-02	-1.4	7.57E-01	NS
A_42_P758454	NM_001108101	314870	Ilrak3	interleukin-1 receptor-associated kinase 3	6.75E-01	NS	1.16E-02	-1.4	5.39E-01	NS
A_64_P085450	NM_175599	319104	Taar8a	trace amine-associated receptor 8a	4.54E-01	NS	1.65E-02	-1.4	3.18E-01	NS
A_64_P001545	XM_224877				7.26E-02	NS	1.14E-02	-1.4	5.66E-01	NS
A_64_P104372	XM_234433				5.59E-02	NS	2.29E-02	-1.4	1.65E-02	2.1
A_64_P072695	NM_001109634	691286	LOC691286	similar to RIKEN cDNA 4930504O13	8.82E-01	NS	4.06E-02	-1.4	3.86E-01	NS
A_64_P133289	DV725494				2.63E-01	NS	2.83E-03	-1.4	7.46E-01	NS
A_64_P042312	NM_001000432	300411	Olr1151	olfactory receptor 1151	7.23E-01	NS	4.24E-02	-1.4	3.22E-01	NS
A_64_P113115	NM_198727	288750	Tmem132d	transmembrane protein 132D	4.27E-01	NS	5.36E-03	-1.4	2.94E-01	NS
A_64_P040483	AF127390				9.88E-01	NS	1.91E-02	-1.4	8.05E-01	NS
A_64_P070636	XM_001071809	689730	LOC689730	similar to ubiquitin specific peptidase 17 (homolog)	8.91E-01	NS	3.22E-02	-1.4	9.98E-01	NS
A_44_P1039927	NM_001014088	315500	Eepd1	endonuclease/exonuclease/phosphatase family domain containing 1	2.02E-01	NS	1.77E-02	-1.4	1.67E-01	NS
A_64_P069654	NM_001013049	289734	Smtn	smoothelin	8.82E-02	NS	3.59E-02	-1.4	1.25E-01	NS
A_64_P036505	XM_001081716	688272	LOC688272	similar to ring finger protein 157	3.15E-01	NS	3.25E-03	-1.4	9.99E-01	NS
A_64_P143695	NM_001000074	288880	Olr952	olfactory receptor 952	5.45E-01	NS	3.47E-02	-1.4	3.61E-01	NS
A_44_P295548	XM_235346				1.99E-01	NS	2.87E-02	-1.4	4.80E-02	1.8

A_44_P1054991	XM_001056128	140589	Gli1	GLI family zinc finger 1	5.70E-02	NS	1.81E-02	-1.4	4.92E-01	NS
A_64_P094076	NM_001000764	405038	Olr312	olfactory receptor 312	8.70E-01	NS	2.57E-02	-1.4	8.51E-01	NS
A_64_P098532	NM_001029928	574531	Lair1	leukocyte-associated immunoglobulin-like receptor 1	8.96E-01	NS	3.41E-02	-1.4	4.98E-01	NS
A_64_P136031	XM_001063442				3.51E-01	NS	1.68E-02	-1.4	2.18E-02	-2.3
A_44_P575300	XM_213991				4.43E-01	NS	3.19E-02	-1.4	2.54E-02	2.1
A_64_P068865	NM_021587	59107	Ltbp1	latent transforming growth factor beta binding protein 1	1.21E-01	NS	2.23E-02	-1.4	2.33E-01	NS
A_64_P090777	NM_001109389	680045	LOC680045	hypothetical protein LOC680045	5.69E-01	NS	3.70E-02	-1.4	8.10E-01	NS
A_64_P136571	NM_001134545	308341	RGD1565772	similar to hypothetical protein A430110N23	7.96E-02	NS	4.95E-03	-1.4	3.15E-01	NS
A_64_P232432	NM_017008	24383	Gapdh	glyceraldehyde-3-phosphate dehydrogenase	9.18E-02	NS	3.35E-02	-1.4	2.27E-02	1.8
A_44_P196440	NM_001113366	59322	Cnksr2	connector enhancer of kinase suppressor of Ras 2	1.19E-01	NS	3.47E-02	-1.4	9.74E-01	NS
A_44_P267465	NM_001106177	291960	Hsf4	heat shock transcription factor 4	2.46E-01	NS	2.23E-02	-1.4	1.96E-01	NS
A_64_P003046	NM_017008	24383	Gapdh	glyceraldehyde-3-phosphate dehydrogenase	2.29E-01	NS	3.45E-02	-1.4	1.73E-01	NS
A_44_P307625	NM_013115	25652	Ptgr	prostaglandin F receptor	8.62E-01	NS	2.09E-02	-1.4	4.99E-01	NS
A_44_P330717	XM_226873	294844	LOC294844	similar to Glyceraldehyde-3-phosphate dehydrogenase (GAPDH)	7.47E-02	NS	2.32E-02	-1.4	3.70E-02	1.6
A_64_P005148	XM_002724831	685030	LOC685030	similar to paired immunoglobulin-like type 2 receptor beta	1.07E-01	NS	5.86E-03	-1.4	1.92E-01	NS
A_64_P097888		688217	LOC688217	hypothetical protein LOC688217	4.21E-01	NS	2.55E-02	-1.4	5.53E-02	NS
A_64_P063578	XM_216715				7.33E-01	NS	5.50E-03	-1.4	7.90E-01	NS
A_44_P445382	XM_002724840				6.52E-01	NS	4.61E-02	-1.4	5.24E-02	NS
A_42_P541962	NM_001107745	311184	C1qtnf4	C1q and tumor necrosis factor related protein 4	3.26E-01	NS	1.92E-02	-1.4	8.06E-01	NS
A_44_P183784	NM_057103	83425	Akap12	A kinase (PRKA) anchor protein 12	2.00E-01	NS	2.67E-02	-1.4	1.92E-01	NS
A_42_P803752	XM_580093	500612	RGD1562146	RGD1562146	4.00E-01	NS	2.46E-02	-1.4	1.25E-01	NS
A_64_P021206	XM_001069167	689012	LOC689012	hypothetical protein LOC689012	6.61E-01	NS	7.21E-03	-1.4	1.33E-01	NS
A_64_P019813	XM_217999	308209	RGD1561667	similar to putative protein kinase	2.21E-01	NS	3.16E-02	-1.4	4.76E-01	NS
A_64_P103681	XR_008111				2.17E-01	NS	2.95E-02	-1.4	7.48E-02	NS
A_44_P248542	XM_234091				8.73E-02	NS	2.77E-02	-1.4	1.50E-02	1.9
A_64_P108913	NM_001134592	365834	RGD1565007	similar to RIKEN cDNA 4632419K20	6.05E-01	NS	4.01E-02	-1.4	2.16E-01	NS
A_64_P090339	NM_001000756	405027	Olr358	olfactory receptor 358	4.25E-01	NS	4.23E-02	-1.4	7.22E-01	NS
A_64_P027833	NM_053675	114210	Spata2	spermatogenesis associated 2	6.19E-01	NS	3.72E-02	-1.4	1.31E-01	NS
A_44_P289080	NM_017336	50677	Ptpro	protein tyrosine phosphatase, receptor type, O	2.88E-01	NS	6.24E-03	-1.4	1.03E-01	NS
A_64_P083999	XM_001077073	499238	RGD1564933	similar to olfactory receptor Olf271 transmembrane and coiled-coil domain	5.40E-01	NS	4.29E-02	-1.4	1.76E-01	NS
A_64_P008121	XM_001059693	305095	Tmcc2	family 2	9.67E-02	NS	2.55E-02	-1.4	2.48E-01	NS
A_44_P279650	NM_022195	60583	Ivl	involucrin	5.92E-01	NS	1.04E-02	-1.4	5.71E-01	NS
A_44_P684740	NM_001107279	306055	Pcdh17	protocadherin 17	2.39E-01	NS	1.90E-02	-1.4	6.07E-03	-2.3
A_44_P203646	XM_223044				8.43E-02	NS	4.04E-02	-1.4	1.79E-02	2.4
A_64_P152350	XM_235078				7.62E-02	NS	4.25E-02	-1.4	3.14E-02	1.8
A_43_P20631	XM_001079000	304469	Rilp1	Rab interacting lysosomal protein-like 1	6.05E-02	NS	1.16E-02	-1.4	3.53E-02	1.6
A_64_P080598	NM_001047865	297832	Cntnap5a	contactin associated protein-like 5A	1.79E-01	NS	2.73E-02	-1.4	5.87E-01	NS
A_42_P565301	NM_001108608	362275	B4gal5	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 5	8.17E-01	NS	3.27E-03	-1.4	5.09E-01	NS
A_64_P003491	NM_001109549	689766	LOC689766	hypothetical protein LOC689766	5.22E-01	NS	4.91E-02	-1.4	2.96E-02	-3.1
A_44_P121167	XM_002728965				5.91E-02	NS	3.29E-03	-1.4	2.93E-01	NS
A_44_P893293	NM_001024317	499971	LOC499971	similar to hypothetical protein 4931409K22	9.11E-01	NS	2.08E-02	-1.4	5.95E-01	NS
A_64_P141742	NM_139337	246233	Macrod1	MACRO domain containing 1	7.49E-02	NS	4.09E-02	-1.4	6.94E-02	NS
A_44_P423691	NM_012976	25475	Lgals5	lectin, galactose binding, soluble 5	6.33E-01	NS	3.45E-02	-1.4	9.47E-01	NS
A_64_P100033	NM_001025666	304646	RGD1310572	similar to calmegin	5.69E-01	NS	4.76E-02	-1.4	8.70E-01	NS
A_44_P105441	XM_233295				6.71E-02	NS	2.31E-02	-1.4	2.75E-02	1.8
A_64_P105019	XR_008698				2.36E-01	NS	4.92E-02	-1.4	2.30E-02	2.0
A_43_P11839	NM_017149	29279	Meox2	mesenchyme homeobox 2	7.54E-01	NS	3.22E-03	-1.4	9.16E-01	NS
A_64_P105318	XR_085675				9.06E-01	NS	2.69E-04	-1.4	8.50E-01	NS
A_64_P158793	XM_219301				1.03E-01	NS	2.31E-02	-1.4	7.31E-02	NS

A_64_P079628	XM_576072	500692	RGD1566220	similar to hypothetical MGC48595	5.34E-01	NS	4.62E-02	-1.4	8.53E-01	NS
A_64_P166460	NM_032060	84007	C3ar1	complement component 3a receptor 1	2.56E-01	NS	1.25E-03	-1.4	1.42E-01	NS
A_64_P039545	XM_002730096	680787	LOC680787	rCG56785-like potassium channel tetramerisation domain containing 8	6.44E-02	NS	3.41E-02	-1.4	4.93E-01	NS
A_64_P048521	NM_001100172	364148	Kctd8	containing 8	2.47E-01	NS	2.69E-02	-1.4	2.76E-01	NS
A_42_P618217	NM_130752	170580	Fgf21	fibroblast growth factor 21	7.61E-01	NS	1.88E-02	-1.4	2.25E-01	NS
A_64_P088841	XM_001063571				4.35E-01	NS	3.71E-02	-1.4	4.33E-01	NS
A_64_P043289	NM_001107259	305835	Peli2	pellino 2	2.95E-01	NS	3.00E-02	-1.4	7.20E-01	NS
A_64_P019673	NM_213629	367085	Arhgap20	Rho GTPase activating protein 20	1.66E-01	NS	4.13E-02	-1.4	9.18E-01	NS
A_44_P987735	NM_001106815	300656	Trim29	tripartite motif-containing 29	7.40E-01	NS	1.54E-02	-1.4	3.46E-02	9.4
A_64_P011664	XM_228478				7.30E-02	NS	3.50E-02	-1.4	3.07E-02	1.9
A_64_P082012	NM_001000772	405047	Olr1453	olfactory receptor 1453	1.65E-01	NS	3.08E-02	-1.4	5.15E-01	NS
A_64_P060695	NM_001107021	303310	Hic1	hypermethylated in cancer 1	5.55E-01	NS	4.50E-03	-1.4	1.00E-01	NS
A_64_P095700	XM_001077091				8.07E-01	NS	1.90E-02	-1.4	3.21E-01	NS
A_64_P114693	XM_343421				8.59E-02	NS	3.01E-02	-1.4	5.43E-02	NS
A_42_P794052	XM_001077260				1.27E-01	NS	3.84E-02	-1.4	6.70E-01	NS
A_44_P838355	NM_001106846	300920	Cldn2	claudin 2	4.34E-01	NS	4.02E-02	-1.4	4.29E-01	NS
A_44_P468694	XM_225042				1.28E-01	NS	4.88E-02	-1.4	4.62E-02	1.8
A_64_P010643	NM_001135088	685474	Zfp385a	zinc finger protein 385A	4.17E-01	NS	3.66E-02	-1.4	4.53E-01	NS
A_64_P158123	NM_001100524	295027	Pcdh18	protocadherin 18	2.64E-01	NS	2.52E-02	-1.4	2.55E-01	NS
A_64_P044757	NM_001013110	24825	Tf	transferrin	1.27E-01	NS	1.43E-02	-1.4	2.34E-01	NS
A_64_P135387	D28557				2.08E-01	NS	4.61E-02	-1.4	1.53E-01	NS
A_64_P050921	XM_001058944	307395	Ablin3	actin binding LIM protein family, member 3	2.74E-01	NS	3.90E-02	-1.4	2.09E-01	NS
A_64_P131122	XR_086302	500895	RGD1563870	similar to CG3104-PA, isoform A microtubule associated serine/threonine kinase family member 4	4.50E-01	NS	4.57E-02	-1.4	1.38E-01	NS
A_43_P17397	XM_001063274	310040	Mast4	kinase family member 4	8.50E-01	NS	2.89E-02	-1.4	8.98E-01	NS
A_64_P092419	NM_053488	85250	Col5a2	collagen, type V, alpha 2	2.03E-01	NS	2.92E-02	-1.4	5.75E-01	NS
A_44_P286484	XM_001062053	363259	Obsl1	obscurin-like 1	9.28E-02	NS	1.34E-02	-1.4	5.35E-02	NS
A_64_P114950	NM_001106906	301372	Gpr45	G protein-coupled receptor 45 family with sequence similarity 186, member B	5.49E-01	NS	1.22E-02	-1.4	5.06E-02	NS
A_64_P106042	NM_001134633	500931	Fam186b	member B	7.15E-02	NS	1.12E-02	-1.4	1.26E-01	NS
A_44_P349089	NM_001014786	298210	Ifna1	interferon-alpha 1	3.36E-01	NS	3.47E-02	-1.4	5.09E-01	NS
A_44_P147356	XM_225859				2.45E-01	NS	4.39E-02	-1.4	6.29E-02	NS
A_64_P000474	XM_342125				3.60E-01	NS	3.73E-02	-1.4	1.03E-01	NS
A_64_P021163	XM_001056750				6.86E-01	NS	2.95E-02	-1.4	3.42E-01	NS
A_44_P821699	NM_001100993	499719	LOC499719	hypothetical LOC499719	9.52E-01	NS	1.88E-02	-1.4	2.01E-01	NS
A_44_P314370	XM_235981				9.39E-02	NS	4.00E-02	-1.4	2.99E-02	2.1
A_42_P788740	NM_001106283	293154	Folr2	folate receptor 2 (fetal)	5.54E-02	NS	1.85E-02	-1.4	4.58E-01	NS
A_64_P081100	NM_001008760	360623	Krt28	keratin 28	4.57E-01	NS	2.05E-02	-1.4	2.89E-01	NS
A_64_P059954	XM_216324				5.29E-01	NS	4.07E-02	-1.4	2.21E-01	NS
A_44_P146518	NM_032085	84032	Col3a1	collagen, type III, alpha 1	6.39E-01	NS	3.40E-02	-1.4	4.28E-01	NS
A_64_P042142	XM_002724594				5.59E-01	NS	4.16E-02	-1.4	8.39E-01	NS
A_64_P142640	XM_221997	288529	Gjc3	gap junction protein, gamma 3	2.14E-01	NS	2.28E-02	-1.4	5.32E-01	NS
A_44_P440372	NM_001000068	288851	Olr1024	olfactory receptor 1024	7.33E-01	NS	1.84E-02	-1.4	2.61E-01	NS
A_64_P023122	NM_001080208	498791	Ucn3	urocortin 3 (stresscopin)	3.51E-01	NS	2.19E-02	-1.4	9.39E-02	NS
A_64_P079379	NM_031826	689008	Fbn2	fibrillin 2	4.84E-01	NS	1.84E-02	-1.4	8.84E-01	NS
A_44_P525235	NM_001108550	361945	Postn	periostin, osteoblast specific factor	6.70E-02	NS	1.52E-02	-1.4	4.55E-01	NS
A_44_P433783	NM_001005892	366126	Sfp1	SFFV proviral integration 1 solute carrier family 22 (organic anion/urate transporter), member 12	2.28E-01	NS	2.04E-02	-1.4	7.34E-01	NS
A_64_P155059	NM_001034943	365398	Slc22a12	transporter), member 12	9.98E-01	NS	3.99E-02	-1.4	4.97E-01	NS
A_44_P105078	XM_002728645	100359988	LOC100359988	hypothetical protein LOC100359988	3.00E-01	NS	4.47E-02	-1.4	2.51E-01	NS
A_64_P003639	NM_001001279	365324	Olr67	olfactory receptor 67 potassium channel, subfamily K, member 15	9.57E-01	NS	4.72E-02	-1.4	8.60E-02	NS
A_44_P479942	NM_130813	156873	Kcnk15	autoimmune regulator	8.92E-01	NS	7.04E-03	-1.4	4.05E-01	NS
A_44_P121703	NM_001106379	294328	Aire	ADAM metalloproteinase with thrombospondin type 1 motif, 2	5.54E-01	NS	1.97E-02	-1.4	3.95E-01	NS
A_44_P206526	NM_001137622	287899	Adamts2	thrombospondin type 1 motif, 2	1.13E-01	NS	4.09E-02	-1.4	4.22E-02	1.2
A_64_P139290	NM_001083811	29627	Gria2	glutamate receptor, ionotropic, AMPA 2 serine (or cysteine) peptidase inhibitor, clade G, member 1	7.46E-01	NS	3.36E-02	-1.4	4.54E-01	NS
A_64_P080025	NM_199093	295703	Serping1		9.39E-01	NS	4.08E-02	-1.4	4.90E-01	NS

A_64_P053907	XM_002725344	688710	LOC688710	hypothetical protein LOC688710	9.68E-01	NS	2.22E-02	-1.4	8.87E-01	NS
A_43_P14771	NM_019156	29169	Vtn	vitronectin	9.38E-01	NS	9.96E-03	-1.4	4.47E-01	NS
A_44_P145005	XM_342766				1.48E-01	NS	4.06E-02	-1.4	4.09E-02	2.2
A_64_P142046	NM_001106049	290365	Nudt15	nudix (nucleoside diphosphate linked moiety X)-type motif 15	7.15E-01	NS	2.34E-02	-1.4	6.41E-01	NS
A_64_P146772	XM_001075996	691246	Rnf207	ring finger protein 207	3.20E-01	NS	4.38E-03	-1.4	4.45E-01	NS
A_64_P070999	NM_181633	307475	Gpr151	G protein-coupled receptor 151	9.73E-01	NS	2.89E-02	-1.4	3.19E-01	NS
A_64_P143658	XM_001066081	685990	LOC685990	hypothetical protein LOC685990	4.61E-01	NS	4.43E-02	-1.4	8.92E-01	NS
A_44_P513472	XM_001059492	291174	RGD1564243	similar to brain Zn-finger protein	4.20E-01	NS	2.93E-02	-1.4	8.28E-02	NS
A_64_P165616	NM_001107315	306506	Pragmin	pragma of Rnd2	8.44E-02	NS	2.25E-02	-1.4	2.10E-01	NS
A_44_P101625	NM_012920	25400	Camk2a	calcium/calmodulin-dependent protein kinase II alpha	1.44E-01	NS	3.78E-02	-1.4	6.06E-01	NS
A_43_P14460	NM_001105962	289104	Prg4	proteoglycan 4, (megakaryocyte stimulating factor, articular superficial zone protein, camptodactyly, arthropathy, coxa vara, pericarditis syndrome)	9.71E-02	NS	2.25E-02	-1.4	5.24E-02	NS
A_44_P465975	NM_001001286	405366	Olr378	olfactory receptor 378	7.47E-01	NS	4.38E-02	-1.4	4.45E-01	NS
A_64_P010648	NM_001105822	287562	Ccl12	chemokine (C-C motif) ligand 12	4.66E-01	NS	2.67E-02	-1.4	2.91E-02	-1.7
A_44_P605492	NM_001017481	498028	Ddc8	differential display clone 8	4.43E-01	NS	2.90E-02	-1.4	2.47E-01	NS
A_64_P029962	XM_001068086	363306	LOC363306	hypothetical protein LOC363306	4.70E-01	NS	2.65E-03	-1.4	7.04E-01	NS
A_64_P232377	XR_009165				6.69E-02	NS	3.50E-02	-1.4	3.04E-02	1.9
A_64_P032258	XM_001069272				3.58E-01	NS	4.38E-02	-1.4	6.11E-01	NS
A_44_P547873	NM_001001093	405987	Olr1396	olfactory receptor 1396	4.71E-01	NS	2.71E-02	-1.4	1.91E-01	NS
A_64_P081696	NM_001100717	313978	E2f6	E2F transcription factor 6	1.56E-01	NS	3.41E-02	-1.4	8.35E-02	NS
A_44_P426529	NM_001108491	361602	Me3	malic enzyme 3, NADP(+)-dependent, mitochondrial	2.42E-01	NS	2.92E-02	-1.4	1.57E-01	NS
A_64_P076232	XM_001072229	684861	LOC684861	similar to Indoleamine 2,3-dioxygenase (IDO) (Indoleamine-pyrrole 2,3-dioxygenase)	3.61E-01	NS	1.18E-02	-1.4	3.64E-01	NS
A_44_P377024	NM_001000632	404825	Olr675	olfactory receptor 675	8.55E-01	NS	3.17E-02	-1.4	2.17E-01	NS
A_64_P093245	XM_002730012	367236	Col19a1	collagen, type XIX, alpha 1	4.76E-01	NS	1.36E-02	-1.4	2.91E-01	NS
A_64_P042157	NM_001107473	308322	Zim1	zinc finger, imprinted 1	5.21E-01	NS	2.15E-02	-1.4	7.13E-01	NS
A_64_P046369	NM_001105857	287877	Pycr1	pyrroline-5-carboxylate reductase 1	4.50E-01	NS	4.82E-02	-1.4	9.74E-01	NS
A_64_P080499	XM_001066547	686101	LOC686101	hypothetical protein LOC686101	9.55E-01	NS	4.26E-02	-1.4	2.58E-01	NS
A_64_P045568	NM_001037190	303448	LOC303448	similar to glyceraldehyde-3-phosphate dehydrogenase	2.73E-01	NS	4.13E-02	-1.4	4.35E-01	NS
A_64_P100783	NM_001107593	309387	Cnnm1	cyclin M1	8.21E-02	NS	3.41E-02	-1.4	8.40E-01	NS
A_44_P945456	NM_001108214	316351	Npas2	neuronal PAS domain protein 2	7.33E-01	NS	2.92E-02	-1.4	8.81E-01	NS
A_64_P068438	NM_001000844	405133	Olr818	olfactory receptor 818	6.54E-01	NS	5.79E-03	-1.4	5.31E-01	NS
A_64_P017560	NM_178103	290032	Fam12b	family with sequence similarity 12, member B (epididymal)	9.80E-02	NS	1.04E-02	-1.4	7.73E-01	NS
A_44_P410348	NM_001106707	298784	Nlrc4	NLR family, CARD domain containing 4	3.93E-01	NS	8.68E-03	-1.4	7.70E-01	NS
A_64_P009582	XM_214287				1.13E-01	NS	4.42E-02	-1.4	4.32E-02	1.6
A_64_P112171	NM_001109395	680203	Pcdhb20	protocadherin beta 20	2.66E-01	NS	3.40E-02	-1.4	8.37E-02	NS
A_44_P287842	NM_138512	171518	Cyp2c22	cytochrome P450, family 2, subfamily c, polypeptide 22	4.72E-01	NS	2.91E-02	-1.4	3.54E-01	NS
A_44_P196679	XM_001064362	317051	RGD1311317	similar to RIKEN cDNA 4930507C10	5.75E-01	NS	2.66E-02	-1.4	5.00E-01	NS
A_44_P367541	NM_001001061	405949	Olr671	olfactory receptor 671	8.57E-01	NS	8.71E-03	-1.4	3.79E-02	-1.4
A_64_P001879	XM_001061474				5.17E-01	NS	3.96E-02	-1.4	2.24E-01	NS
A_44_P150471	NM_031696	64443	Gpr88	G-protein coupled receptor 88	4.63E-01	NS	6.33E-03	-1.4	1.72E-01	NS
A_44_P293104	NM_001106137	291526	Poli	polymerase (DNA directed), iota	7.46E-01	NS	4.86E-02	-1.4	2.56E-01	NS
A_64_P009174	NM_001000380	296663	Olr397	olfactory receptor 397	3.45E-01	NS	3.57E-02	-1.4	6.94E-02	NS
A_64_P035550	NM_001000470	300620	Olr1319	olfactory receptor 1319	7.60E-01	NS	1.95E-02	-1.4	2.79E-01	NS
A_44_P463858	XM_002729454	117095	Bhlhe41	basic helix-loop-helix family, member e41	2.33E-01	NS	4.08E-02	-1.4	6.17E-01	NS
A_44_P386017	NM_032081	84028	Pnlipp1	pancreatic lipase-related protein 1	8.81E-01	NS	3.88E-02	-1.4	1.49E-01	NS
A_44_P914607	NM_001107881	312652	Pplxnd1	plexin D1	1.28E-01	NS	2.71E-02	-1.4	1.39E-01	NS
A_64_P006848	NM_001000054	288789	Olr875	olfactory receptor 875	7.20E-01	NS	2.29E-02	-1.4	3.61E-01	NS
A_64_P154367	NM_001108980	366598	Ferd3l	Fer3-like (Drosophila)	5.61E-01	NS	3.24E-02	-1.4	4.96E-01	NS
A_64_P098552	NM_001109653	691981	Spem1	spermatid maturation 1	5.32E-02	NS	2.44E-02	-1.4	6.05E-02	NS
A_44_P272301	NM_001007002	313770	Mxra8	matrix-remodelling associated 8	3.71E-01	NS	2.16E-03	-1.4	6.73E-02	NS

A_64_P024070	XM_001071338				4.93E-01	NS	3.55E-02	-1.4	3.34E-01	NS
A_64_P022555	NM_001074368	497904	RGD1566120	similar to novel protein	8.28E-01	NS	2.76E-02	-1.4	3.16E-01	NS
A_64_P149651	NM_001009505	494224	LOC494224	follicular dendritic cell secreted	8.52E-01	NS	3.23E-02	-1.4	3.73E-01	NS
A_64_P116844	AY321342				7.47E-01	NS	4.39E-02	-1.4	2.14E-01	NS
A_64_P075569	NM_024365	64354	Htr6	5-hydroxytryptamine (serotonin) receptor 6	6.48E-01	NS	4.29E-02	-1.4	5.36E-01	NS
A_44_P397803	NM_184047	373540	Il18rap	interleukin 18 receptor accessory protein	5.82E-01	NS	1.20E-02	-1.4	5.79E-01	NS
A_64_P072288	NM_001128183	366008	Lcn8	lipocalin 8	9.89E-01	NS	4.22E-02	-1.4	8.19E-01	NS
A_64_P130269	NM_001024253	303924	Upk1b	uropod protein 1B	7.33E-01	NS	4.72E-02	-1.3	6.34E-01	NS
A_64_P069633	NM_001000587	366797	Olr916	olfactory receptor 916	6.09E-01	NS	1.27E-02	-1.3	2.40E-01	NS
A_64_P146243	NM_001105745	116544	Pou2f3	POU class 2 homeobox 3	4.33E-01	NS	4.88E-02	-1.3	5.93E-01	NS
A_64_P049063	FQ234320				7.35E-01	NS	2.57E-02	-1.3	5.43E-01	NS
A_64_P007767	NM_001108132	315497	Tbx20	T-box 20	9.38E-01	NS	2.48E-02	-1.3	2.03E-01	NS
A_64_P146165	NM_001109164	499334	RGD1560242	similar to RIKEN cDNA 1700028P14	1.84E-01	NS	4.81E-02	-1.3	1.71E-01	NS
A_64_P129943	NM_001105712	24416	Grm3	glutamate receptor, metabotropic 3	9.90E-01	NS	2.56E-02	-1.3	3.07E-01	NS
A_64_P077801	NM_001108917	365314	Lipt2	lipoyl(octanoyl) transferase 2 (putative)	5.17E-01	NS	4.32E-02	-1.3	3.58E-01	NS
A_44_P839920	XM_217627	302810	Bcor1	BCL6 co-repressor-like 1	2.09E-01	NS	4.45E-02	-1.3	4.06E-01	NS
A_44_P684874	NM_001107727	310900	Mtpp	microsomal triglyceride transfer protein	4.37E-01	NS	3.53E-02	-1.3	2.29E-01	NS
A_44_P278408	NM_199502	363455	Chrd1	kohjirin	5.02E-01	NS	3.89E-02	-1.3	6.70E-01	NS
A_42_P729012	NM_001011962	296616	Cercam	cerebral endothelial cell adhesion molecule	4.25E-01	NS	1.38E-02	-1.3	4.85E-01	NS
A_64_P096071	NM_001108506	361668	Ebf3	early B-cell factor 3	2.33E-01	NS	4.72E-02	-1.3	6.76E-01	NS
A_64_P093692	NM_001077079				3.84E-01	NS	4.59E-02	-1.3	3.42E-01	NS
A_64_P119513	XM_001000648	404844	Olr633	olfactory receptor 633	9.99E-01	NS	1.26E-03	-1.3	6.04E-01	NS
A_44_P203731	XR_008080				8.77E-01	NS	3.26E-02	-1.3	3.33E-02	1.7
A_64_P008371	NM_001000848	405138	Olr811	olfactory receptor 811	6.91E-01	NS	1.81E-02	-1.3	2.70E-01	NS
A_64_P153277	NM_001025706	316131	Fem1a	fem-1 homolog a (C. elegans)	1.61E-01	NS	3.51E-02	-1.3	3.65E-01	NS
A_64_P119846	NM_144753	246271	Fev	FEV (ETS oncogene family)	8.39E-01	NS	3.64E-02	-1.3	7.58E-01	NS
A_64_P160787	NM_001008912	494263	V1rc20	vomeroneasal 1 receptor, C20	3.64E-01	NS	4.55E-02	-1.3	3.49E-01	NS
A_43_P11537	NM_012733	25056	Rbp1	retinol binding protein 1, cellular	9.63E-01	NS	2.14E-03	-1.3	9.08E-01	NS
A_64_P124567	NM_001108065	314612	Shc2	SHC (Src homology 2 domain containing)	2.66E-01	NS	2.71E-02	-1.3	5.99E-01	NS
A_64_P030075	NM_053497	85259	Cnga1	cyclic nucleotide gated channel alpha 1	7.76E-01	NS	3.11E-02	-1.3	7.49E-01	NS
A_64_P114818	XM_002727253	301606	Espnl	espin-like	7.43E-01	NS	3.10E-02	-1.3	2.53E-01	NS
A_64_P038972	NM_080409	140592	Ppfia4	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting	8.28E-02	NS	4.76E-02	-1.3	1.36E-02	1.8
A_64_P026067	NM_001000226	293429	Olr279	protein (liprin), alpha 4	6.82E-01	NS	3.55E-02	-1.3	9.43E-01	NS
A_42_P625713	NM_001134504	311114	Kihl23	olfactory receptor 279	4.10E-01	NS	1.71E-02	-1.3	4.62E-01	NS
A_44_P378845	NM_001108009	313874	Rasgrp3	kelch-like 23 (Drosophila)	7.60E-01	NS	3.12E-02	-1.3	1.91E-01	NS
A_44_P458918	NM_001000889	405190	Olr1689	RAS guanyl releasing protein 3 (calcium and DAG-regulated)	7.97E-01	NS	4.04E-02	-1.3	6.74E-01	NS
A_64_P139063	NM_001100806	683788	LOC683788	olfactory receptor 1689	1.57E-01	NS	3.09E-02	-1.3	9.97E-01	NS
A_44_P459870	NM_001108323	360738	RGD1310348	similar to Fascin (Singed-like protein)	3.72E-01	NS	1.05E-02	-1.3	2.86E-01	NS
A_42_P460351	NM_001077674	364069	Hlx	similar to Ser/Thr-rich protein T10 in DGCR region	4.12E-01	NS	3.73E-03	-1.3	6.00E-01	NS
A_42_P543654	NM_001109243	500221	Fam176a	H2.0-like homeobox	9.36E-01	NS	7.78E-04	-1.3	7.80E-01	NS
A_44_P550393	XM_341456	57029	Adam18	family with sequence similarity 176, member A	8.54E-01	NS	3.00E-02	-1.3	8.96E-01	NS
A_64_P083049	XM_001075749			ADAM metallopeptidase domain 18	3.96E-01	NS	2.25E-02	-1.3	3.23E-01	NS
A_64_P156523	NM_001000670	404872	Olr551	similar to aldehyde dehydrogenase 8	5.72E-01	NS	4.74E-02	-1.3	3.54E-01	NS
A_44_P128306	XM_001065122	683474	LOC683474	family, member A1	2.80E-01	NS	4.24E-02	-1.3	6.19E-01	NS
A_64_P007200	XM_574375	499088	Dact3	dapper, antagonist of beta-catenin,	8.04E-01	NS	3.24E-02	-1.3	2.94E-01	NS
A_64_P152702	XM_001055231	679994	LOC679994	homolog 3 (Xenopus laevis)	6.79E-01	NS	2.52E-02	-1.3	9.07E-01	NS
A_44_P414266	NM_182738	308965	Chp2	similar to histone 1, H2ai	1.02E-01	NS	1.81E-02	-1.3	1.46E-01	NS
A_44_P698466	NM_001109469	685472	Lrrtm2	calcineurin B homologous protein 2	6.18E-01	NS	2.41E-02	-1.3	3.93E-01	NS
A_64_P144944	NM_024159	79128	Dab2	leucine rich repeat transmembrane neuronal 2	4.85E-01	NS	1.18E-02	-1.3	7.59E-01	NS
A_44_P510538	NM_001000820	405108	Olr1194	disabled homolog 2 (Drosophila)	7.77E-01	NS	4.85E-02	-1.3	5.84E-02	NS

A_64_P039531	NM_001034946	498284	Itln1	intelectin 1 (galactofuranose binding)	2.50E-01	NS	2.55E-02	-1.3	4.44E-01	NS
A_43_P16057	NM_173319	286985	Vom2r31	vomeronasal 2 receptor, 31	9.73E-01	NS	4.41E-02	-1.3	3.31E-01	NS
A_64_P020834	NM_001109388	680039	LOC680039	hypothetical protein LOC680039	1.95E-01	NS	3.05E-02	-1.3	6.05E-02	NS
A_64_P075013	NM_001134536	304458	Tmem132b	transmembrane protein 132B	6.26E-01	NS	4.61E-02	-1.3	8.29E-01	NS
A_64_P021266	NM_001134504	311114	Klhl23	kelch-like 23 (Drosophila)	9.01E-02	NS	4.46E-02	-1.3	1.05E-01	NS
A_44_P227175	XM_227211				8.35E-01	NS	1.61E-02	-1.3	1.75E-01	NS
A_64_P006294	XM_001071084	689526	LOC689526	hypothetical protein LOC689526	5.74E-01	NS	4.01E-02	-1.3	2.89E-01	NS
A_42_P807697	NM_212525	361537	Tyrobp	Tyro protein tyrosine kinase binding protein	9.96E-01	NS	2.30E-02	-1.3	5.53E-01	NS
A_64_P093289	NM_001000755	405026	Olr360	olfactory receptor 360	8.04E-01	NS	3.07E-02	-1.3	5.31E-01	NS
A_64_P033610	NM_031771	83580	Thbd	thrombomodulin	2.22E-01	NS	8.71E-03	-1.3	3.17E-01	NS
A_44_P974940	XM_346007	367201	RGD1562392	similar to Sulfotransferase K1 (rSULT1C2)	6.90E-01	NS	3.87E-02	-1.3	3.55E-01	NS
A_44_P286426	XM_001070279	367152	Foxl2	forkhead box L2	7.26E-01	NS	3.32E-02	-1.3	1.48E-01	NS
				similar to Heat shock transcription factor, Y-linked (Heat shock transcription factor 2-like protein)						
A_64_P153036	XM_001057682	293913	RGD1562644	tripartite motif family-like 2	3.06E-01	NS	2.79E-02	-1.3	6.81E-01	NS
A_64_P094756	XM_224883	290766	Triml2		5.76E-01	NS	3.53E-02	-1.3	3.32E-01	NS
A_64_P078171	XM_002727373				5.47E-01	NS	4.98E-02	-1.3	5.98E-01	NS
A_43_P12503	NM_031079	81743	Pde2a	phosphodiesterase 2A, cGMP-stimulated	7.90E-01	NS	1.01E-03	-1.3	4.28E-01	NS
A_64_P092349	NM_001000847	405137	Olr812	olfactory receptor 812	5.77E-01	NS	2.81E-02	-1.3	5.35E-01	NS
A_44_P388783	NM_001003707	362432	Clec4d	C-type lectin domain family 4, member d	9.62E-01	NS	3.02E-02	-1.3	7.04E-02	NS
A_64_P159310	NM_020303	498654	Adam5	ADAM metalloproteinase domain 5 family with sequence similarity 81, member B	5.65E-01	NS	4.74E-02	-1.3	5.50E-01	NS
A_42_P462317	XM_001059199	309925	Fam81b		3.51E-01	NS	4.58E-02	-1.3	7.97E-01	NS
A_64_P034342	NM_001108931	365554	RGD1560350	similar to proteasome subunit iota	6.54E-01	NS	4.67E-02	-1.3	2.85E-01	NS
A_44_P1006717	NM_001109513	688777	Grpel2	GrpE-like 2, mitochondrial	2.79E-01	NS	6.35E-03	-1.3	5.82E-01	NS
A_64_P007538	NM_001108013	313954	Matn3	matrilin 3	8.66E-01	NS	3.61E-02	-1.3	7.58E-01	NS
				protein tyrosine phosphatase, receptor type, O						
A_64_P100008	NM_017336	50677	Ptpro		1.10E-01	NS	2.27E-02	-1.3	2.09E-01	NS
A_42_P508984	NM_001007729	360918	Pf4	platelet factor 4	3.69E-01	NS	4.05E-02	-1.3	2.28E-01	NS
A_64_P006072		292820	Znf536	zinc finger protein 536	5.36E-01	NS	4.04E-02	-1.3	4.05E-01	NS
A_64_P054227	NM_199490	291754	Dsg4	desmoglein 4	3.23E-01	NS	3.60E-02	-1.3	2.31E-01	NS
A_64_P109392	NM_001033674	306809	Bicd2	bicaudal D homolog 2 (Drosophila)	1.68E-01	NS	3.81E-02	-1.3	5.71E-02	NS
A_64_P092960	NM_001000694	404899	Olr16	olfactory receptor 16	2.61E-01	NS	3.15E-02	-1.3	3.31E-01	NS
A_64_P152558	XM_001069975				8.33E-02	NS	1.31E-02	-1.3	5.18E-01	NS
A_42_P816479	NM_022278	64045	Glrx1	glutaredoxin 1	5.76E-01	NS	2.02E-02	-1.3	8.38E-02	NS
A_64_P038582	NM_001024262	312727	Tspan11	tetraspanin 11	7.21E-01	NS	4.16E-02	-1.3	7.20E-01	NS
A_64_P152602	XM_001053679	309261	Magea9	melanoma antigen, family A, 9	1.46E-01	NS	2.12E-02	-1.3	6.37E-01	NS
A_44_P144828	XM_345237	365851	RGD1564513	similar to TDPOZZ	6.73E-01	NS	2.37E-02	-1.3	1.06E-01	NS
				zinc finger with KRAB and SCAN domains 2						
A_64_P160774	XM_001079250	368120	Zkscan2		7.90E-01	NS	2.51E-02	-1.3	6.30E-01	NS
A_44_P606394	XM_001077477				5.17E-01	NS	2.59E-02	-1.3	3.28E-01	NS
A_43_P19907	NM_001012125	315714	Loxl1	lysyl oxidase-like 1	8.91E-02	NS	4.81E-02	-1.3	7.99E-02	NS
A_64_P098419	XM_001080310				6.94E-01	NS	2.43E-02	-1.3	3.96E-01	NS
A_44_P260663	NM_001130583	689069	Parvg	parvin, gamma	8.22E-01	NS	3.46E-02	-1.3	2.47E-01	NS
				solute carrier family 16, member 5 (monocarboxylic acid transporter 6)						
A_64_P034572	NM_001109568	690212	Slc16a5		4.39E-01	NS	1.15E-02	-1.3	8.80E-01	NS
A_64_P098134	NM_001000079	289240	Olr1582	olfactory receptor 1582	1.43E-01	NS	2.04E-02	-1.3	2.89E-01	NS
A_43_P12947	NM_053828	116553	Il13	interleukin 13	6.40E-01	NS	4.08E-02	-1.3	2.19E-01	NS
A_64_P025940	NM_001012117	315034	Fbxo43	F-box protein 43	3.68E-01	NS	4.57E-02	-1.3	7.22E-02	NS
A_64_P128842	NM_199382	296973	Bpgm	2,3-bisphosphoglycerate mutase	7.78E-01	NS	2.83E-02	-1.3	9.11E-01	NS
A_64_P114420	NM_001001079	405969	Olr1137	olfactory receptor 1137	7.94E-01	NS	3.61E-02	-1.3	1.26E-01	NS
A_64_P162810	NM_001108374	361032	RGD1310110	similar to 3632451O06Rik protein	7.36E-01	NS	2.10E-02	-1.3	7.73E-01	NS
				solute carrier family 37 (glucose-6-phosphate transporter), member 4						
A_44_P1023264	NM_031589	29573	Slc37a4	aminocarboxymuconate semialdehyde decarboxylase	1.14E-01	NS	2.11E-02	-1.3	4.71E-01	NS
A_43_P13249	NM_134372	171385	Acmsd		9.45E-01	NS	2.81E-02	-1.3	1.69E-01	NS
A_64_P079523	XM_234572	314478	Ahnak2	AHNAK nucleoprotein 2	9.65E-02	NS	1.20E-02	-1.3	6.40E-02	NS
A_64_P034234	XM_001064837	500982	Bsx	brain specific homeobox	6.48E-01	NS	4.60E-02	-1.3	2.29E-01	NS
A_42_P625157	NM_001107250	305687	Znf503	zinc finger protein 503	6.41E-01	NS	3.78E-02	-1.3	5.98E-01	NS

A_44_P391732	XM_001061708	298326	RGD1566387	similar to hypothetical protein	4.98E-01	NS	2.81E-02	-1.3	8.35E-01	NS
A_44_P457069	XM_001064537	290589	RGD1562641	similar to hypothetical protein 4930474N05	9.31E-01	NS	2.81E-02	-1.3	3.31E-01	NS
A_64_P099254	NM_001007264	29623	Ugt2b37	UDP-glucuronosyltransferase 2 family, member 37	9.27E-01	NS	2.61E-02	-1.3	2.41E-01	NS
A_44_P227551	NM_001106870	301085	Fyco1	FYVE and coiled-coil domain containing 1 solute carrier family 6 (neurotransmitter transporter, dopamine), member 3	7.21E-02	NS	3.05E-02	-1.3	4.68E-01	NS
A_44_P314969	M80570	24898	Slc6a3	myristoylated alanine rich protein kinase C substrate	6.41E-01	NS	4.07E-02	-1.3	1.24E-01	NS
A_64_P088316	XM_002728965	25603	Marcks		8.89E-01	NS	2.75E-03	-1.3	2.86E-01	NS
A_64_P091528	NM_001000808	405094	Olr1246	olfactory receptor 1246	8.14E-01	NS	4.21E-02	-1.3	4.41E-01	NS
A_64_P023694	NM_001135913	685900	Enthd1	ENTH domain containing 1	6.42E-01	NS	3.62E-02	-1.3	9.67E-01	NS
A_44_P543157	NM_001000815	405101	Olr1213	olfactory receptor 1213	9.85E-01	NS	2.68E-02	-1.3	7.22E-01	NS
A_64_P137481	NM_031695	64442	St3gal2	ST3 beta-galactoside alpha-2,3-sialyltransferase 2	1.02E-01	NS	2.28E-02	-1.3	2.52E-01	NS
A_64_P038592	NM_001017497	498341	Smr3a	submaxillary gland androgen regulated protein 3A	2.38E-01	NS	2.65E-02	-1.3	6.20E-01	NS
A_64_P146787	NM_001014016	308428	Irgc1	immunity-related GTPase family, cinema 1	5.84E-01	NS	4.14E-02	-1.3	1.71E-01	NS
A_42_P704784	XM_001063734	293631	Brsk2	brain serine/threonine kinase 2	6.62E-01	NS	3.15E-02	-1.3	9.16E-01	NS
A_64_P160508	NM_001047091	303489	Hoxb2	homeo box B2	6.69E-01	NS	2.71E-02	-1.3	2.44E-01	NS
A_64_P117510	NM_001107524	308739	Rgma	RGM domain family, member A	8.75E-02	NS	4.38E-02	-1.3	1.84E-01	NS
A_64_P083800	XM_001058776	303817	RGD1560559	similar to RIKEN cDNA 2310042E22 cytochrome P450, family 26, subfamily b, polypeptide 4	6.96E-01	NS	4.96E-02	-1.3	1.70E-02	44.7
A_42_P693964	NM_181087	312495	Cyp26b1		4.10E-01	NS	3.19E-02	-1.3	7.73E-01	NS
A_64_P097088	XM_001080066				9.00E-01	NS	4.77E-02	-1.3	3.11E-01	NS
A_64_P008330	NM_001000020	287343	Olr1454	olfactory receptor 1454	7.86E-01	NS	1.11E-02	-1.3	4.77E-02	-1.7
A_44_P553199	XM_001074906	294188	Olr1731	olfactory receptor 1731	1.85E-01	NS	3.71E-02	-1.3	1.36E-01	NS
A_44_P214900	NM_145779	252922	Pzp	pregnancy-zone protein	7.30E-01	NS	4.82E-02	-1.3	1.66E-01	NS
A_44_P137427	NM_001000878	405177	Olr1135	olfactory receptor 1135	8.51E-01	NS	3.06E-02	-1.3	2.48E-01	NS
A_42_P626433	NM_001135855	305974	Scara5	scavenger receptor class A, member 5 (putative)	7.04E-02	NS	3.79E-02	-1.3	4.21E-02	1.8
A_64_P004539	NM_001012209	364302	Rnase12	ribonuclease, RNase A family, 12 (non-active)	6.86E-01	NS	4.52E-02	-1.3	5.49E-01	NS
A_44_P523028	XM_344727				6.31E-01	NS	4.38E-02	-1.3	2.47E-01	NS
A_64_P106563	NM_053639	114097	Ltc4s	leukotriene C4 synthase	1.26E-01	NS	4.84E-02	-1.3	6.93E-01	NS
A_44_P156295	NM_001000894	405196	Olr1675	olfactory receptor 1675	5.13E-01	NS	3.24E-02	-1.3	3.39E-01	NS
A_64_P015158	FQ212420				6.60E-01	NS	3.23E-02	-1.3	2.61E-01	NS
A_44_P228928	NM_053787	116469	Trpv5	transient receptor potential cation channel, subfamily V, member 5	8.92E-01	NS	4.56E-02	-1.3	2.75E-01	NS
A_64_P159807	NM_001000273	294161	Olr1691	olfactory receptor 1691	9.50E-01	NS	1.70E-02	-1.3	5.17E-01	NS
A_64_P018076	NM_031764	685781	Ddr2	discoidin domain receptor tyrosine kinase 2	8.03E-01	NS	4.56E-02	-1.3	4.01E-01	NS
A_44_P165629	NM_001001285	405071	Olr131	olfactory receptor 131	2.47E-01	NS	4.87E-02	-1.3	3.60E-01	NS
A_64_P021750	NM_013105	25642	Cyp3a23/3a1	cytochrome P450, family 3, subfamily a, polypeptide 23/polypeptide 1	9.37E-01	NS	4.89E-02	-1.3	3.03E-01	NS
A_44_P279116	XM_002726450	312721	Dyrk4	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4	1.53E-01	NS	3.31E-02	-1.3	4.86E-02	-1.6
A_64_P069734	NM_019189	29331	Hapln1	hyaluronan and proteoglycan link protein 1 C1q and tumor necrosis factor related	5.91E-01	NS	3.77E-02	-1.3	2.60E-01	NS
A_44_P975458	NM_001034932	315114	C1qtnf6	protein 6	7.10E-01	NS	1.85E-02	-1.3	6.74E-01	NS
A_44_P199107	XM_345241	365857	RGD1562545	similar to TDPOZ2	6.58E-01	NS	2.95E-02	-1.3	4.47E-01	NS
A_64_P330457	NM_001099470	292417	Vom2r11	vomeroneasal 2 receptor, 11	6.69E-01	NS	4.24E-02	-1.3	2.91E-01	NS
A_64_P147029	NM_001013171	314543	Gulp1	GULP, engulfment adaptor PTB domain containing 1	9.61E-01	NS	4.19E-02	-1.3	3.86E-01	NS
A_64_P087930	XM_226803				3.95E-01	NS	3.92E-02	-1.3	8.12E-03	-1.8
A_42_P495895	NM_031024	81653	Dbn1	drebrin 1	1.61E-01	NS	2.15E-02	-1.3	2.54E-01	NS
A_64_P062665	NM_001170470	291770	Chst9	carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 9	5.75E-01	NS	2.27E-02	-1.3	6.59E-01	NS
A_64_P076967	NM_001000004	287259	Olr1409	olfactory receptor 1409	6.90E-01	NS	3.45E-02	-1.3	7.62E-01	NS
A_44_P163337	NM_001000463	300603	Olr1302	olfactory receptor 1302	7.59E-01	NS	3.04E-02	-1.3	2.48E-02	-1.4

A_42_P529550	NM_139185	245986	Gng8	guanine nucleotide binding protein (G protein), gamma 8	6.29E-01	NS	9.04E-03	-1.3	7.86E-01	NS
A_64_P059456	NM_001105845	287745	Plcd3	phospholipase C, delta 3	6.29E-02	NS	1.47E-02	-1.3	4.88E-01	NS
A_64_P135107	NM_001098241	293621	Hras	Harvey rat sarcoma virus oncogene	1.34E-01	NS	3.98E-02	-1.3	2.29E-01	NS
A_64_P038147	NM_001025052	500825	LOC500825	hypothetical protein LOC500825	3.43E-01	NS	4.25E-02	-1.3	2.35E-01	NS
A_44_P787848	NM_001034004	619374	Jam2	junctional adhesion molecule 2	6.33E-01	NS	1.88E-02	-1.3	3.42E-01	NS
A_64_P102039	XM_001064972				5.31E-01	NS	2.14E-02	-1.3	3.18E-02	1.8
A_64_P040100	XM_002725650				3.86E-01	NS	4.97E-02	-1.3	2.42E-01	NS
A_64_P118273	NM_001170593	290567	Chat	choline acetyltransferase	8.84E-02	NS	4.23E-02	-1.3	4.52E-01	NS
				interleukin 1 receptor accessory protein-like 1	8.23E-01	NS	3.84E-02	-1.3	2.59E-01	NS
A_64_P150311	NM_177935	317553	Il1rapl1		8.62E-01	NS	3.54E-02	-1.3	5.48E-01	NS
A_44_P550133	NM_172073	64509	Tpbpa	trophoblast specific protein alpha similar to aldehyde dehydrogenase 4 family, member A1	9.26E-01	NS	3.62E-02	-1.3	8.70E-02	NS
A_64_P031640	NM_001134698	641316	LOC641316		9.85E-01	NS	4.97E-02	-1.3	1.92E-01	NS
A_64_P099938	NM_001000638	404831	Olr652	olfactory receptor 652	2.27E-01	NS	3.61E-02	-1.3	7.71E-01	NS
A_64_P127392	NM_001044249	362393	Antxr1	anthrax toxin receptor 1	7.88E-02	NS	3.07E-02	-1.3	9.57E-01	NS
A_64_P095200	NM_001001010	405384	Olr283	olfactory receptor 283 similar to QUAhog (hedgehog related) family member (qua-1)	8.49E-01	NS	4.13E-02	-1.3	2.67E-01	NS
A_64_P052071	XM_001069720	689143	LOC689143	serine (or cysteine) peptidase inhibitor, clade A, member 3K	5.72E-01	NS	4.25E-02	-1.3	3.91E-01	NS
A_64_P110234	NM_012657	24794	Serpina3k		4.58E-01	NS	4.57E-02	-1.3	4.77E-01	NS
A_64_P045898	XR_085677				9.68E-01	NS	4.05E-02	-1.3	3.32E-01	NS
A_64_P101770	NM_001000074	288880	Olr952	olfactory receptor 952	8.31E-01	NS	2.13E-02	-1.3	9.86E-01	NS
A_64_P073460	NM_001100741	361821	Col6a2	collagen, type VI, alpha 2	8.58E-01	NS	4.17E-02	-1.3	2.82E-01	NS
A_44_P466345	XM_002728146	100362386	LOC100362386	CG56785-like	8.03E-01	NS	2.38E-02	-1.3	2.48E-01	NS
A_64_P144735	XM_002725125	100363621	LOC100363621	hypothetical protein LOC100363621						
A_44_P898347	NM_001109180	499579	Dnajc5b	DnaJ (Hsp40) homolog, subfamily C, member 5 beta	7.92E-01	NS	3.59E-02	-1.3	6.53E-01	NS
				serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12	8.51E-01	NS	3.31E-02	-1.3	5.35E-02	NS
A_44_P288224	NM_138825	191570	Serpina12		5.38E-01	NS	2.38E-02	-1.3	1.20E-02	1.7
A_64_P031742	XM_001061883									
A_64_P151393	NM_021265	58808	Mpp4	membrane protein, palmitoylated 4 (MAGUK p55 subfamily member 4)	5.68E-01	NS	3.23E-02	-1.3	2.00E-01	NS
A_44_P177575	NM_001000331	295827	Olr597	olfactory receptor 597	9.40E-01	NS	4.00E-02	-1.3	8.34E-02	NS
				solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 31	2.01E-01	NS	3.13E-02	-1.3	3.92E-01	NS
A_64_P069447	XM_001069558	689108	Slc25a31		2.95E-01	NS	1.69E-02	-1.3	2.25E-01	NS
A_64_P243132	NM_001163921	685202	Ccdc481	coiled-coil domain containing 48-like1 similar to zinc finger and SCAN domain containing 4	9.75E-01	NS	4.03E-02	-1.3	3.51E-01	NS
A_64_P127407	XM_001079180	691661	LOC691661		5.43E-01	NS	4.01E-02	-1.3	2.18E-01	NS
A_44_P782405	NM_001024288	499279	LOC499279	hypothetical gene supported by BC079265	7.58E-01	NS	4.38E-02	-1.3	1.07E-01	NS
A_64_P080627	NM_001000460	300599	Olr1293	olfactory receptor 1293	7.48E-01	NS	2.66E-02	-1.3	1.58E-01	NS
A_64_P074865	XR_008898	502072	RGD1565534	similar to RING finger protein 33	6.49E-01	NS	3.61E-02	-1.3	7.28E-01	NS
A_44_P407583	NM_001108345	360849	Kif14	kinesin family member 14						
				serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inhibitor)	9.33E-01	NS	4.77E-02	-1.3	2.38E-01	NS
A_64_P075858	NM_001008870	408234	Spink2		9.79E-02	NS	1.02E-02	-1.3	2.15E-02	2.4
A_64_P081982	CR467520				3.41E-01	NS	4.54E-02	-1.3	1.11E-01	NS
A_64_P038652	XM_001076751	691074	LOC691074	hypothetical protein LOC691074	2.52E-01	NS	4.29E-02	-1.3	1.34E-01	NS
A_64_P031113	XM_001073804	502995	RGD1565680	similar to Hypothetical protein DJ1198H6.2	6.91E-01	NS	4.60E-02	-1.3	3.64E-01	NS
A_44_P477675	NM_001000858	405150	Olr1364	olfactory receptor 1364	2.83E-01	NS	4.23E-02	-1.3	2.67E-01	NS
A_64_P200747	XM_002725730	24572	Muc2	mucin 2, oligomeric mucus/gel-forming family with sequence similarity 129, member A	6.13E-01	NS	3.28E-02	-1.3	8.35E-01	NS
A_64_P068228	NM_022242	63912	Fam129a		3.03E-01	NS	1.81E-02	-1.3	2.34E-01	NS
A_64_P148882	NM_017195	29423	Gap43	growth associated protein 43	3.12E-01	NS	1.98E-02	-1.3	5.96E-01	NS
A_64_P009255	NM_001012091	311547	Foxs1	forkhead box S1	7.66E-01	NS	3.30E-02	-1.3	3.57E-01	NS
A_64_P158758	NM_001105935	288736	Foxn4	forkhead box N4	9.64E-01	NS	4.95E-02	-1.3	2.60E-01	NS
A_64_P137862	NM_001000565	366104	Olr541	olfactory receptor 541	8.92E-02	NS	1.92E-02	-1.3	1.58E-01	NS
A_64_P034384	NM_019227	29491	Itsn1	intersectin 1 (SH3 domain protein)						

A_64_P036459	NM_001008903	494253	Vom1r2	vomeronasal 1 receptor, 2	6.85E-01	NS	4.85E-02	-1.3	2.92E-01	NS
A_64_P136736	XM_001056051	548106	Pcdhb19	protocadherin beta 19	4.66E-01	NS	3.48E-02	-1.3	1.80E-01	NS
A_42_P800949	NM_031787	83617	Hipk3	homeodomain interacting protein kinase 3 similar to MAP/microtubule affinity- regulating kinase 4 (MAP/microtubule affinity-regulating kinase like 1)	1.21E-01	NS	2.96E-02	-1.3	2.42E-01	NS
A_64_P162442	XM_001058976	366221	RGD1561096	UDP glucuronosyltransferase 2 family, polypeptide B36	9.00E-01	NS	4.42E-02	-1.3	6.59E-01	NS
A_44_P236068	NM_001004271	83808	Ugt2b36	polyprotein B36	6.72E-01	NS	3.72E-02	-1.3	9.88E-02	NS
A_64_P042367	NM_001099496	691560	Vom2r29	vomeronasal 2 receptor, 29	4.45E-01	NS	4.37E-02	-1.3	1.45E-01	NS
A_64_P075532	NM_172065	257651	Prb1	proline-rich protein BstNI subfamily 1	6.50E-01	NS	3.66E-02	-1.3	3.97E-01	NS
A_64_P063420	XM_001065540	305610	RGD1561672	similar to novel protein	2.55E-01	NS	3.31E-02	-1.3	9.79E-02	NS
A_64_P052670	NM_001004080	296654	Gsn	gelsolin	6.96E-01	NS	2.91E-02	-1.3	2.25E-01	NS
A_44_P374568	NM_001107778	311427	Hspa12b	heat shock protein 12B	5.66E-01	NS	1.16E-03	-1.3	6.76E-01	NS
A_64_P118822	NM_001000652	404849	Olr621	olfactory receptor 621	5.62E-02	NS	3.34E-02	-1.3	5.96E-01	NS
A_44_P365332	NM_001001424	294196	Olr1742	olfactory receptor 1742	8.53E-01	NS	4.08E-02	-1.3	1.43E-01	NS
A_64_P145092	NM_001000448	300565	Olr1240	olfactory receptor 1240	9.71E-01	NS	4.99E-02	-1.3	8.01E-02	NS
A_64_P132014	NM_001107164	304666	Klf1	Kruppel-like factor 1 (erythroid)	1.01E-01	NS	4.67E-02	-1.3	2.44E-01	NS
A_44_P238878	NM_001173973	365946	Nhedc2	Na ⁺ /H ⁺ exchanger domain containing 2	6.89E-01	NS	4.05E-02	-1.3	2.15E-01	NS
A_64_P078376	NM_001000382	296667	Olr404	olfactory receptor 404	6.92E-01	NS	4.50E-02	-1.3	2.07E-01	NS
A_44_P114833	XM_001065392	302192	LOC302192	similar to RIKEN cDNA 1700001E04	5.50E-01	NS	6.43E-03	-1.3	6.41E-02	NS
A_64_P047934	NM_001001000	405364	Olr161	olfactory receptor 161	8.83E-01	NS	4.98E-02	-1.3	8.32E-01	NS
A_44_P163324	NM_001000349	295876	Olr669	olfactory receptor 669	8.35E-01	NS	1.03E-02	-1.3	9.81E-01	NS
A_64_P023187	NM_001000082	289250	Olr1588	olfactory receptor 1588	9.62E-01	NS	3.80E-02	-1.3	9.61E-01	NS
A_64_P004292	NM_138536	171572	Tti	tubulin tyrosine ligase limbic system-associated membrane protein	8.08E-02	NS	4.24E-02	-1.3	6.81E-01	NS
A_64_P037813	NM_017242	29561	Lsmp	l(3)mbt-like (Drosophila)	6.42E-01	NS	1.56E-02	-1.3	1.65E-01	NS
A_64_P028175	XM_001070026	311613	L3mbtl	l(3)mbt-like (Drosophila)	5.58E-01	NS	3.36E-02	-1.3	1.78E-01	NS
A_44_P160568	NM_001108015	313974	Trib2	tribbles homolog 2 (Drosophila)	4.80E-01	NS	2.06E-02	-1.3	6.96E-02	NS
A_64_P058584	NM_001000063	288823	Olr1071	olfactory receptor 1071	6.22E-01	NS	3.85E-02	-1.3	3.42E-01	NS
A_64_P044119	LOC681984	681984	LOC681984	hypothetical protein LOC681984 1-acylglycerol-3-phosphate O- acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon)	9.71E-01	NS	4.95E-02	-1.3	6.12E-01	NS
A_43_P17088	NM_001134744	306582	Agpat5	acyltransferase, epsilon	2.16E-01	NS	4.63E-02	-1.3	5.75E-01	NS
A_44_P501626	XM_001079051	365544	Umod1	uromodulin-like 1	9.82E-01	NS	4.04E-02	-1.3	6.54E-01	NS
A_44_P776390	NM_001039516	364241	Kcnk5	potassium channel, subfamily K, member 5	8.36E-01	NS	3.64E-02	-1.3	9.04E-02	NS
A_64_P093262	NM_001001100	405996	Olr1529	olfactory receptor 1529	6.44E-01	NS	3.65E-02	-1.3	3.32E-01	NS
A_42_P664544	XM_001066941	363231	Rftn2	raftlin family member 2 sema domain, transmembrane domain (TM), and cytoplasmic domain,	1.87E-01	NS	1.70E-02	-1.3	1.45E-01	NS
A_44_P622243	NM_001107768	311384	Sema6d	(semaphorin) 6D	5.06E-01	NS	3.46E-02	-1.3	1.32E-01	NS
A_64_P123665	XM_001077165	691192	LOC691192	hypothetical protein LOC691192 transmembrane phosphatase with tensin homology	7.87E-01	NS	4.66E-02	-1.3	8.47E-01	NS
A_44_P121586	NM_001108877	364629	Tpte	homology	9.18E-01	NS	3.17E-02	-1.3	3.21E-01	NS
A_64_P003051	NM_001000112	292561	Olr5	olfactory receptor 5	9.82E-01	NS	1.90E-02	-1.3	8.78E-01	NS
A_64_P091243	XM_001077260	691221	LOC691221	similar to CG1998-PA	9.04E-01	NS	2.49E-02	-1.3	1.90E-01	NS
A_44_P391517	NM_001034144	305999	Nkx3-1	NK3 homeobox 1	3.83E-01	NS	2.56E-02	-1.3	2.47E-01	NS
A_64_P064357	NM_001135087	681033	Tessp1	testis serine protease 1 cell division cycle 34 homolog (S. cerevisiae)	3.47E-01	NS	4.08E-02	-1.3	7.11E-01	NS
A_64_P152236	NM_001013103	299602	Cdc34	cerevisiae)	6.57E-01	NS	3.36E-02	-1.3	2.20E-01	NS
A_64_P017570	NM_001000071	288861	Olr1012	olfactory receptor 1012	5.99E-01	NS	4.41E-02	-1.3	9.70E-01	NS
A_64_P118054	NM_001037651	315806	Prtg	protogenin homolog (Gallus gallus)	3.04E-01	NS	4.85E-02	-1.3	3.70E-01	NS
A_42_P502621	NM_024401	79253	Avil	advillin	8.22E-01	NS	1.69E-02	-1.3	1.52E-01	NS
A_44_P715030	FQ212907				6.23E-01	NS	4.09E-02	-1.3	4.71E-01	NS
A_64_P109958	NM_001000469	300616	Olr1315	olfactory receptor 1315	8.38E-01	NS	4.29E-02	-1.3	6.51E-01	NS
A_64_P019205	NM_001009718	494193	Ly49i6	Ly49 inhibitory receptor 6	9.85E-01	NS	3.37E-02	-1.3	2.33E-01	NS
A_64_P116058	NM_001000640	404833	Olr649	olfactory receptor 649	7.42E-01	NS	4.95E-02	-1.3	9.66E-02	NS
A_43_P15023	NM_031771	83580	Thbd	thrombomodulin	8.51E-01	NS	2.84E-03	-1.3	9.47E-01	NS
A_64_P140926	XM_001067649				3.31E-01	NS	8.53E-03	-1.3	9.86E-01	NS

A_64_P070942	NM_001108999	367080	Ankk1	ankyrin repeat and kinase domain containing 1	3.77E-01	NS	9.67E-03	-1.3	7.22E-01	NS
A_44_P208936	NM_001108838	363686	C1q1	complement component 1, q subcomponent-like 1	8.28E-01	NS	1.47E-02	-1.3	3.51E-01	NS
A_64_P100442	XM_001069122				2.86E-01	NS	3.25E-02	-1.3	6.85E-01	NS
A_64_P115781	NM_053484	85246	Gas7	growth arrest specific 7	6.11E-02	NS	1.91E-02	-1.3	4.84E-01	NS
A_64_P097360	NM_001107435	307900	Kcng4	potassium voltage-gated channel, subfamily G, member 4	3.67E-01	NS	3.78E-02	-1.3	1.78E-01	NS
A_64_P087663	NM_019237	29569	Pcolce	procollagen C-endopeptidase enhancer	4.07E-01	NS	3.83E-02	-1.3	1.02E-01	NS
A_64_P083349	NM_021843	60427	Kitlg	KIT ligand	1.68E-01	NS	3.12E-02	-1.3	1.56E-03	-1.6
A_44_P323773	NM_001013057	291283	Akr1c2	aldo-keto reductase family 1, member C2	6.72E-01	NS	3.85E-02	-1.3	2.35E-01	NS
A_64_P105947	NM_001127561	499174	Lass3	LAG1 homolog, ceramide synthase 3	2.64E-01	NS	3.86E-02	-1.3	4.53E-01	NS
A_44_P472919	NM_001100981	362562	Agbl4	ATP/GTP binding protein-like 4	6.18E-01	NS	4.86E-02	-1.3	1.58E-01	NS
A_43_P16380	NM_001000493	302954	Olr1356	olfactory receptor 1356	6.80E-01	NS	3.76E-02	-1.3	7.97E-01	NS
A_64_P070979	NM_001108258	317608	Gpr101	G protein-coupled receptor 101	7.91E-01	NS	4.04E-02	-1.3	8.85E-01	NS
A_64_P097472	NM_001000627	404819	Olr701	olfactory receptor 701	4.52E-01	NS	4.08E-02	-1.3	3.58E-01	NS
A_64_P050650	XM_344594	364712	Sox4	SRY (sex determining region Y)-box 4	8.17E-01	NS	4.92E-02	-1.3	3.76E-02	-1.9
A_44_P130286	NM_012978	25477	Lhcgr	receptor	4.12E-01	NS	4.38E-02	-1.3	3.31E-01	NS
A_43_P16772	NM_001109448	683897	LOC683897	similar to Protein C6orf203	1.10E-01	NS	4.16E-02	-1.3	1.32E-01	NS
A_64_P135960	NM_001109383	679942	Angptl1	angiopoietin-like 1	2.69E-01	NS	4.89E-02	-1.3	2.82E-01	NS
A_64_P031501	NM_173302	286961	Slc22a9	solute carrier family 22 (organic anion transporter), member 9	6.97E-01	NS	3.83E-02	-1.3	2.87E-01	NS
A_64_P064498	XM_001061848	684998	LOC684998	hypothetical protein LOC684998	1.37E-01	NS	2.48E-02	-1.3	8.66E-01	NS
A_64_P119622	NM_173289	24279	Cryge	crystallin, gamma E	9.70E-01	NS	4.54E-02	-1.3	4.32E-01	NS
A_64_P041493	XM_001061198	365857	RGD1562545	similar to TDPOZZ	7.15E-01	NS	2.36E-02	-1.3	4.54E-02	1.5
A_44_P473188	XM_222991				9.59E-01	NS	4.69E-02	-1.3	6.09E-02	NS
A_42_P738431	NM_019175	29245	Klk6	kallikrein related-peptidase 6	2.53E-01	NS	4.20E-02	-1.3	1.83E-01	NS
A_44_P194083	NM_001047921	100189555	Sec61g1	SEC61 gamma subunit-like	7.70E-01	NS	4.36E-02	-1.3	6.47E-01	NS
A_64_P008387	NM_001000842	405131	Olr821	olfactory receptor 821	7.92E-01	NS	2.33E-02	-1.3	5.19E-01	NS
A_64_P090722	XR_085886	687270	LOC687270	similar to glyceraldehyde-3-phosphate dehydrogenase	9.70E-01	NS	3.46E-02	-1.3	1.28E-01	NS
A_64_P064983	NM_001106939	302377	RGD1560455	similar to RIKEN cDNA A630033H20 gene	9.68E-02	NS	4.49E-02	-1.3	9.03E-01	NS
A_64_P109531	BC100663				5.07E-01	NS	1.46E-02	-1.3	1.61E-02	-1.7
A_64_P151343	NM_001000310	295759	Olr495	olfactory receptor 495	6.66E-01	NS	3.97E-02	-1.3	2.96E-01	NS
A_64_P015723	NM_001000918	405233	Olr774	olfactory receptor 774	4.43E-01	NS	4.60E-02	-1.3	1.46E-01	NS
A_44_P606216	NM_001134627	500537	RGD1563015	RGD1563015	7.85E-01	NS	4.98E-02	-1.3	5.88E-01	NS
A_64_P050515	NM_001014107	317312	Mospd1	motile sperm domain containing 1	9.04E-01	NS	4.34E-03	-1.3	2.40E-01	NS
A_64_P117190	NM_001109466	685365	Fmo9	flavin containing monooxygenase 9	7.22E-01	NS	3.92E-02	-1.3	6.44E-01	NS
A_44_P294838	NM_017019	24493	Il1a	interleukin 1 alpha	8.33E-01	NS	4.81E-02	-1.3	3.29E-01	NS
A_44_P149993	NM_001033680	25716	Syt1	synaptotagmin I	8.78E-01	NS	4.57E-02	-1.3	3.42E-01	NS
A_64_P001396	XM_227358				6.64E-01	NS	3.53E-02	-1.3	4.85E-01	NS
A_64_P117799	NM_012654	24784	Slc9a3	solute carrier family 9 (sodium/hydrogen exchanger), member 3	7.91E-01	NS	4.11E-02	-1.3	3.52E-01	NS
A_44_P157087	NM_001037783	314328	LOC314328	similar to chromosome 14 open reading frame 166B	5.94E-01	NS	3.60E-02	-1.3	2.64E-01	NS
A_64_P007822	NM_001109224	500048	Fezf1	Fez family zinc finger 1	7.69E-01	NS	4.45E-02	-1.3	2.58E-01	NS
A_44_P459492	NM_001037358	362176	Lmo2	LIM domain only 2	5.85E-01	NS	8.22E-03	-1.3	4.69E-01	NS
A_64_P186630	NM_001099480	501794	Vom2r60	vomer nasal 2 receptor, 60	5.50E-01	NS	4.80E-02	-1.3	1.15E-01	NS
A_64_P138509	NM_053656	114115	P2rx2	purinergic receptor P2X, ligand-gated ion channel, 2	3.35E-01	NS	4.91E-02	-1.3	9.63E-01	NS
A_44_P178576	NM_021686	59322	Cnksr2	connector enhancer of kinase suppressor of Ras 2	6.04E-01	NS	3.16E-02	-1.3	6.07E-01	NS
A_42_P710324	NM_001107252	305751	Nkiras1	NFKB inhibitor interacting Ras-like 1	2.44E-01	NS	4.03E-02	-1.3	7.89E-02	NS
A_64_P018081	NM_031764	685781	Ddr2	discoidin domain receptor tyrosine kinase 2	8.58E-01	NS	3.84E-02	-1.3	6.07E-01	NS
A_44_P281468	NM_001127556	365549	RGD1563815	similar to sodium-glucose cotransporter-like 1	9.64E-01	NS	2.69E-02	-1.3	9.33E-01	NS
A_64_P034774	NM_017212	29477	Mapt	microtubule-associated protein tau	3.69E-01	NS	1.51E-02	-1.3	3.91E-01	NS
A_64_P087020	XM_001058060				2.40E-01	NS	4.02E-02	-1.3	5.69E-02	NS

A_64_P073620	XM_346234	367632	LOC367632	similar to Spindlin-like protein 2 (SPIN-2)	5.16E-01	NS	3.81E-02	-1.3	8.01E-02	NS
A_64_P041004	NM_001108599	362252	Scand1	SCAN domain-containing 1	8.86E-01	NS	2.93E-02	-1.2	7.49E-02	NS
A_44_P893322	XM_576413	501003	RGD1563578	similar to PGC7	6.09E-01	NS	4.36E-02	-1.2	2.74E-01	NS
A_43_P19019	NM_001127490	315804	Rfx7	regulatory factor X, 7	7.70E-01	NS	3.56E-02	-1.2	1.42E-01	NS
A_64_P109292	XM_001074644				8.29E-01	NS	4.40E-02	-1.2	3.34E-01	NS
A_64_P065449	NM_001001040	405926	Olr313	olfactory receptor 313	3.07E-01	NS	1.98E-02	-1.2	5.08E-01	NS
A_64_P129855	NM_001134702	686117	Meis1	Meis homeobox 1	9.51E-01	NS	1.93E-02	-1.2	1.09E-01	NS
A_64_P112295	NM_001108973	366432	Slc1a7	solute carrier family 1 (glutamate transporter), member 7 similar to microsomal glutathione S-transferase 3	3.77E-01	NS	4.72E-02	-1.2	2.06E-01	NS
A_64_P016786	BP483272	498340	RGD1561381	transferase 3	5.23E-01	NS	3.02E-02	-1.2	6.85E-01	NS
A_44_P344187	NM_001000779	405056	Olr1424	olfactory receptor 1424	2.80E-01	NS	4.59E-02	-1.2	8.91E-01	NS
A_64_P122663	XM_001079880				7.17E-02	NS	2.51E-02	-1.2	3.99E-01	NS
A_64_P028581	XM_573389	498173	Auts2	autism susceptibility candidate 2	6.91E-02	NS	3.20E-02	-1.2	7.21E-01	NS
A_64_P164335	XM_001069494	361630	Tead1	TEA domain family member 1	2.43E-01	NS	2.89E-02	-1.2	9.99E-01	NS
A_44_P506497	XM_001053696				9.18E-01	NS	2.81E-02	-1.2	8.61E-01	NS
A_64_P041243	XR_008044				5.58E-02	NS	3.72E-02	-1.2	8.89E-01	NS
A_44_P190037	XM_225822				5.87E-01	NS	4.68E-02	-1.2	3.05E-01	NS
A_44_P345319	NM_057134	117275	Chrd	chordin	9.67E-01	NS	3.40E-02	-1.2	7.11E-01	NS
A_44_P473928	NM_001106427	294981	Spry1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)	7.79E-01	NS	1.59E-02	-1.2	4.70E-02	1.6
A_44_P238803	NM_001014792	361055	Kpna3	karyopherin alpha 3	6.11E-01	NS	2.95E-02	-1.2	3.50E-01	NS
A_44_P393852	NM_001134736	292165	Wdr63	WD repeat domain 63	2.52E-01	NS	5.00E-02	-1.2	1.95E-01	NS
A_64_P104910	NM_001000011	287318	Olr1428	olfactory receptor 1428	5.26E-01	NS	4.26E-02	-1.2	3.08E-01	NS
A_64_P007377	NM_001105895	288291	Prss7	protease, serine, 7 (enterokinase)	7.79E-01	NS	4.35E-02	-1.2	2.97E-01	NS
A_44_P162099	NM_053296	25456	Glrb	glycine receptor, beta	8.59E-01	NS	4.68E-02	-1.2	2.66E-01	NS
A_44_P682742	XM_001078306				3.44E-01	NS	3.77E-02	-1.2	9.94E-01	NS
A_64_P127823	NM_001108629	362368	Ggct	gamma-glutamyl cyclotransferase	7.55E-01	NS	3.56E-02	-1.2	3.37E-03	-1.9
A_64_P009809	NM_031563	500538	Ybx1	Y box binding protein 1	2.55E-01	NS	3.43E-02	-1.2	6.94E-02	NS
A_64_P185041	XM_002725606				6.36E-01	NS	4.70E-02	-1.2	2.47E-01	NS
A_44_P637299	XM_343148	29454	Gdf11	growth differentiation factor 11	3.12E-01	NS	3.45E-02	-1.2	7.74E-01	NS
A_64_P162387	NM_001100901	362242	Snta1	syntrophin, acidic 1	1.01E-01	NS	3.24E-02	-1.2	7.77E-02	NS
A_44_P360590	NM_001000650	404847	Olr624	olfactory receptor 624	9.80E-01	NS	4.79E-02	-1.2	5.05E-01	NS
A_64_P032112	FQ215489				7.64E-01	NS	4.38E-02	-1.2	NS	NS
A_64_P158270	NM_001107412	307667	Hmgxb4	HMG box domain containing 4	1.04E-01	NS	3.92E-02	-1.2	1.95E-02	-1.8
A_64_P105063	NM_203333	361725	Scgb2a2	secretoglobin, family 2A, member 2 brain abundant, membrane attached signal protein 1	6.88E-01	NS	4.37E-02	-1.2	4.70E-01	NS
A_64_P012546	NM_022300	64160	Basp1	family with sequence similarity 193, member B	8.87E-01	NS	4.14E-02	-1.2	3.06E-01	NS
A_64_P028533	NM_001170408	498703	Fam193b	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3	2.03E-01	NS	1.47E-02	-1.2	8.80E-01	NS
A_44_P416938	NM_031778	83588	Kcns3	solute carrier family 41, member 3	6.48E-01	NS	2.03E-02	-1.2	9.46E-01	NS
A_44_P771052	NM_001037492	641603	Slc41a3	delta-like 1 (Drosophila)	2.40E-01	NS	2.22E-02	-1.2	6.87E-02	NS
A_64_P130025	NM_032063	84010	Dll1		8.52E-02	NS	3.36E-02	-1.2	2.82E-01	NS
A_44_P297625	XM_001072159				3.79E-01	NS	4.63E-02	-1.2	3.02E-01	NS
A_64_P071115	XM_225207	306816	Zfp169	zinc finger protein 169 anterior pharynx defective 1 homolog B (C. elegans)	5.16E-01	NS	4.92E-02	-1.2	7.73E-01	NS
A_64_P010135	NM_001047090	300802	Aph1b	carbohydrate (chondroitin 4) sulfotransferase 12	1.38E-01	NS	3.29E-02	-1.2	5.83E-02	NS
A_44_P1003333	NM_001037775	304322	Chst12	aldolase C, fructose-bisphosphate	2.48E-01	NS	1.93E-02	-1.2	6.54E-02	NS
A_64_P056558	NM_012497	24191	Aldoc	integrin, alpha E	6.42E-01	NS	2.77E-02	-1.2	4.34E-02	1.9
A_44_P165494	NM_031768	83577	Itgae	LRRG00125	8.87E-01	NS	8.76E-03	-1.2	6.96E-01	NS
A_44_P269357	NM_001047935	498836	LOC498836	cullin 5	7.25E-01	NS	4.38E-02	-1.2	6.00E-01	NS
A_44_P525878	NM_022683	64624	Cul5	CD93 molecule	8.86E-01	NS	2.66E-02	-1.2	8.91E-01	NS
A_43_P12791	NM_053383	84398	Cd93	laminin, gamma 1	1.76E-01	NS	9.54E-03	-1.2	2.63E-01	NS
A_42_P592615	NM_053966	117036	Lamc1	olfactory receptor 956	4.54E-01	NS	1.90E-02	-1.2	3.50E-01	NS
A_64_P087806	NM_001001381	302041	Olr956	dual specificity phosphatase 3	3.52E-01	NS	4.70E-02	-1.2	4.38E-01	NS
A_44_P218284	NM_001173376	498003	Dusp3	glutathione peroxidase 7	1.91E-01	NS	4.17E-02	-1.2	3.59E-01	NS
A_64_P008259	XM_001055864				4.76E-01	NS	1.79E-02	-1.2	6.70E-01	NS
A_64_P100250	NM_001106673	298376	Gpx7		4.34E-01	NS	1.92E-02	-1.2	6.51E-01	NS

A_64_P038375	XM_001069479			acyl-CoA synthetase short-chain family member 1	9.30E-01	NS	4.84E-02	-1.2	2.75E-01	NS
A_64_P122790	NM_001106524	296259	Acss1		7.06E-01	NS	4.66E-02	-1.2	3.39E-01	NS
A_44_P349553	XM_001079629	294337	Col6a1	collagen, type VI, alpha 1 glycoprotein 2 (zymogen granule membrane)	4.89E-01	NS	4.51E-02	-1.2	6.49E-01	NS
A_44_P425150	NM_134418	171459	Gp2		3.12E-01	NS	3.21E-02	-1.2	1.95E-01	NS
A_43_P19799	NM_001108585	362175	RGD1563222	similar to RIKEN cDNA A930018P22 guanine nucleotide binding protein (G protein), gamma 11	2.28E-01	NS	2.95E-02	-1.2	6.12E-01	NS
A_44_P562092	NM_022396	64199	Gng11		1.15E-01	NS	5.68E-03	-1.2	9.92E-01	NS
A_43_P10102	NM_001106150	291610	Spry4	sprouty homolog 4 (Drosophila) calcium channel, voltage-dependent, T type, alpha 1G subunit	1.45E-01	NS	1.10E-02	-1.2	2.15E-02	-1.4
A_64_P004584	NM_031601	29717	Cacna1g	CDC42 effector protein (Rho GTPase binding) 2	1.40E-01	NS	3.48E-02	-1.2	4.23E-01	NS
A_44_P1019480	NM_001009689	309175	Cdc42ep2		8.15E-02	NS	4.58E-02	-1.2	8.19E-01	NS
A_64_P064938	NM_001109332	502097	Dkk4	dickkopf homolog 4 (Xenopus laevis)	6.16E-01	NS	3.24E-02	-1.2	2.19E-01	NS
A_44_P311484	NM_019329	54279	Cntn3	contactin 3 (plasmacytoma associated)	8.37E-01	NS	4.86E-02	-1.2	2.27E-01	NS
A_43_P17235	FQ221747				9.14E-01	NS	3.25E-02	-1.2	2.68E-01	NS
A_64_P145837	NM_198131	338457	Tlr9	toll-like receptor 9	7.81E-01	NS	4.18E-02	-1.2	1.80E-01	NS
A_44_P620106	NM_053802	116487	Tgfb1	transforming growth factor, beta induced	3.60E-01	NS	4.66E-02	-1.2	2.21E-02	1.5
A_43_P10907	FM113376	362323	Acn9	ACN9 homolog (S. cerevisiae)	7.13E-01	NS	1.32E-02	-1.2	6.22E-01	NS
A_64_P054137	NM_001024243	294292	Nudt3	nudix (nucleoside diphosphate linked moiety X)-type motif 3	5.71E-01	NS	3.54E-02	-1.2	1.47E-01	NS
A_64_P163511	NM_013190	25741	Pfkf	phosphofructokinase, liver	2.21E-01	NS	3.90E-02	-1.2	1.35E-01	NS
A_64_P135758	XM_001059223	363472	Prrg1	proline rich Gla (G-carboxyglutamic acid) 1 heat shock protein, alpha-crystallin-related, B9	2.04E-01	NS	1.63E-02	-1.2	3.31E-01	NS
A_64_P041797	NM_001108835	363681	Hspb9		8.44E-01	NS	3.91E-02	-1.2	4.95E-01	NS
A_64_P127838	XM_219621				7.14E-01	NS	3.59E-02	-1.2	3.41E-01	NS
A_44_P612186	NM_001107344	306825	Myliip	myosin regulatory light chain interacting protein	7.24E-01	NS	3.83E-02	-1.2	9.97E-03	-1.6
A_44_P1002996	NM_001013900	293494	Ino80e	INO80 complex subunit E	1.92E-01	NS	4.47E-02	-1.2	8.66E-01	NS
A_64_P093184	XM_001066530	298069	Col15a1	collagen, type XV, alpha 1	6.42E-01	NS	2.39E-02	-1.2	5.27E-01	NS
A_44_P1000391	NM_001106140	291555	Atp8b1	ATPase, Class I, type 8B, member 1	4.11E-01	NS	4.40E-02	-1.2	1.14E-02	-1.8
A_64_P090548	NM_001024275	362423	Rassf4	Ras association (RalGDS/AF-6) domain family member 4	9.42E-01	NS	1.65E-02	-1.2	8.18E-01	NS
A_44_P243279	NM_001134780	362973	Parvb	parvin, beta	2.89E-01	NS	1.77E-02	-1.2	6.80E-01	NS
A_64_P126630	XM_001067894	317715	Gsc	goosecoid homeobox	7.70E-01	NS	4.05E-02	-1.2	2.49E-01	NS
A_44_P121781	XM_343661				5.72E-01	NS	3.68E-02	-1.2	1.08E-01	NS
A_44_P671986	NM_001107781	311450	Pak7	p21 protein (Cdc42/Rac)-activated kinase 7	6.05E-01	NS	4.18E-02	-1.2	1.16E-01	NS
A_64_P064722	NM_001000198	293362	Olr215	olfactory receptor 215	9.35E-01	NS	2.13E-02	-1.2	3.01E-01	NS
A_64_P074840	NM_001014095	315952	Dzip1l	DAZ interacting protein 1-like eukaryotic translation initiation factor 4E member 3	7.55E-01	NS	1.85E-02	-1.2	9.54E-01	NS
A_42_P526712	NM_001106612	297481	Eif4e3		5.87E-01	NS	4.30E-02	-1.2	4.37E-01	NS
A_64_P083034	NM_144759	246281	Asmt	acetylserotonin O-methyltransferase	5.80E-01	NS	2.85E-02	-1.2	3.65E-01	NS
A_64_P025633	NM_139107	245966	Tmem150a	transmembrane protein 150A potassium inwardly-rectifying channel, subfamily J, member 8	2.26E-01	NS	2.00E-02	-1.2	2.89E-01	NS
A_43_P11820	NM_017099	25472	Kcnj8		6.87E-01	NS	1.47E-02	-1.2	6.48E-01	NS
A_64_P070088	NM_017354	50864	Ntm	neurotrimin	8.11E-02	NS	4.19E-02	-1.2	1.97E-01	NS
A_42_P835787	NM_001108328	360754	Zfp358	zinc finger protein 358	2.53E-01	NS	1.66E-02	-1.2	9.90E-02	NS
A_44_P1011918	XM_001081550	287750	Prp2l1	proline rich protein 2-like 1	2.33E-01	NS	3.84E-02	-1.2	3.10E-01	NS
A_43_P15297	NM_023974	66030	Synpr	synaptopodin	3.13E-01	NS	4.19E-02	-1.2	1.22E-01	NS
A_44_P422696	NM_031541	25073	Scarb1	scavenger receptor class B, member 1 family with sequence similarity 53, member B	3.58E-01	NS	1.16E-02	-1.2	1.37E-01	NS
A_42_P837441	NM_001107556	309060	Fam53b		6.60E-01	NS	4.63E-02	-1.2	4.33E-01	NS
A_64_P075008	XM_001058257	296468	Birc7	baculoviral IAP repeat-containing 7	1.46E-01	NS	3.90E-02	-1.2	9.94E-01	NS
A_42_P668682	NM_053883	116663	Dusp6	dual specificity phosphatase 6	4.39E-01	NS	4.65E-02	-1.2	3.88E-01	NS
A_64_P067481	XM_578989	503441	Mageb4	melanoma antigen family B, 4	6.24E-01	NS	3.24E-02	-1.2	5.01E-01	NS
A_64_P130883	NM_001109184	499618	LOC499618	hypothetical LOC499618	5.18E-01	NS	4.78E-02	-1.2	4.09E-01	NS
A_64_P011929	NM_001025766	498951	Il34	interleukin 34	2.34E-01	NS	2.80E-02	-1.2	6.31E-01	NS

A_44_P130380	NM_001000806	405092	Olr1250	olfactory receptor 1250 similar to kinesin-like motor protein	9.62E-01	NS	4.56E-02	-1.2	3.15E-01	NS
A_44_P1016988	XM_001080099	691920	LOC691920	C20orf23	6.89E-01	NS	4.32E-02	-1.2	9.53E-01	NS
A_64_P139168	NM_001108632	362383	Rpia	ribose 5-phosphate isomerase A	3.35E-01	NS	4.65E-02	-1.2	1.56E-01	NS
A_64_P102220	NM_173130	286914	Vom2r27	vomerolnasal 2 receptor, 27 diffuse panbronchiolitis critical region 1 (human)	9.68E-01	NS	4.54E-02	-1.2	3.23E-01	NS
A_44_P414379	NM_001003965	406199	Dpccr1	mex-3 homolog D (C. elegans)	4.15E-01	NS	4.30E-02	-1.2	4.26E-01	NS
A_44_P1014018	XM_234921	299613	Mex3d	ubiquitin specific peptidase 15	5.21E-01	NS	2.30E-02	-1.2	6.73E-01	NS
A_64_P189275	NM_145184	171329	Usp15	LIM and calponin homology domains 1	3.65E-01	NS	1.53E-02	-1.2	9.52E-01	NS
A_64_P075063	XM_001077838	305332	Limch1	hypothetical protein LOC680119	5.63E-02	NS	4.33E-02	-1.2	5.70E-02	NS
A_64_P036034	XM_001055803	680119	LOC680119	phosphoinositide-3-kinase interacting protein 1	9.32E-01	NS	3.28E-02	-1.2	7.16E-01	NS
A_64_P019280	NM_001017453	305472	Pik3ip1	optic atrophy 3 (human)	4.35E-01	NS	2.15E-02	-1.2	7.85E-01	NS
A_42_P763553	NM_001107486	308409	Opa3	similar to IQ motif and Sec7 domain 1	9.08E-02	NS	2.62E-02	-1.2	7.43E-01	NS
A_44_P488475	XM_001073009	686590	LOC686590	clathrin, light chain (Lcb)	6.45E-01	NS	4.63E-02	-1.2	9.18E-01	NS
A_64_P089155	NM_053835	116561	Cltb	polo-like kinase 5	3.58E-01	NS	4.08E-02	-1.2	4.40E-02	1.3
A_64_P129088	NM_001170557	314627	Plk5	Rho guanine nucleotide exchange factor (GEF) 15	9.97E-02	NS	4.23E-02	-1.2	9.84E-01	NS
A_64_P021398	NM_001105789	287418	Arhgef15	ras homolog gene family, member J	2.29E-01	NS	4.45E-02	-1.2	1.35E-01	NS
A_64_P083120	NM_001008320	299145	Rhoj	THAP domain containing, apoptosis associated protein 3	2.28E-01	NS	2.56E-02	-1.2	4.32E-01	NS
A_64_P049972	NM_001108695	362667	Thap3	dachsous 1 (Drosophila)	9.00E-01	NS	4.50E-02	-1.2	8.87E-01	NS
A_42_P542744	NM_001107544	308912	Dchs1	similar to Complement C5 precursor	1.58E-01	NS	2.07E-02	-1.2	9.26E-01	NS
A_42_P670493	XM_001080252	362120	RGD1308742	ubiquitin-conjugating enzyme E2O	9.62E-01	NS	4.82E-02	-1.2	2.02E-01	NS
A_64_P027027	XM_345111			selenoprotein P, plasma, 1	3.01E-01	NS	3.70E-02	-1.2	8.07E-01	NS
A_42_P607183	XM_001081723	303689	Ube2o	suppressor of cytokine signaling 3	3.00E-01	NS	1.17E-02	-1.2	9.29E-01	NS
A_64_P057020	NM_001083911	29360	Sepp1	zinc finger protein 689	7.74E-01	NS	1.04E-02	-1.2	9.89E-01	NS
A_64_P125883	NM_053565	89829	Socs3	tetraspanin 2	5.65E-01	NS	3.12E-02	-1.2	9.92E-02	NS
A_42_P792728	NM_173330	286996	Znf689	WD and tetratricopeptide repeats 1	2.71E-01	NS	3.84E-02	-1.2	8.28E-01	NS
A_64_P005243	NM_022589	64521	Tspan2	RGD1562339	7.02E-01	NS	2.75E-02	-1.2	1.69E-01	NS
A_42_P823706	NM_001107908	313020	Wdtdc1	catenin, beta-interacting protein 1	1.94E-01	NS	2.13E-02	-1.2	8.75E-01	NS
A_64_P027095	XM_001058431	498107	RGD1562339	transducin (beta)-like 1 X-linked receptor 1	9.99E-02	NS	3.42E-02	-1.2	7.66E-01	NS
A_44_P512295	NM_001173388	503000	Ctnnbip1	MTERF domain containing 3	3.62E-01	NS	1.54E-02	-1.2	6.17E-01	NS
A_44_P119215	NM_001108941	365755	Tbl1xr1	cysteine and histidine-rich domain (CHORD)-containing 1	6.38E-01	NS	4.15E-02	-1.2	2.13E-01	NS
A_44_P456172	NM_001014265	366856	Mterfd3	mitochondrial ribosomal protein L19	7.67E-01	NS	2.48E-02	-1.2	2.34E-01	NS
A_44_P941132	NM_001108128	315447	Chordc1	pre-B-cell leukemia homeobox 1	3.14E-01	NS	4.28E-02	-1.2	2.99E-01	NS
A_43_P11259	NM_001029898	297372	Mrpl19	t-complex 1	4.12E-01	NS	3.89E-02	-1.2	7.44E-01	NS
A_64_P009838	NM_001100681	304947	Pbx1	procollagen-lysine 1, 2-oxoglutarate 5- dioxygenase 1	4.42E-01	NS	3.59E-02	-1.2	3.39E-01	NS
A_64_P035058	NM_012670	24818	Tcp1	neurexophilin 3	3.13E-01	NS	4.81E-02	-1.2	7.41E-01	NS
A_44_P306355	NM_053827	116552	Plod1	ring finger protein 10	5.57E-01	NS	3.19E-02	-1.2	3.57E-01	NS
A_64_P070448	BC101856	59315	Nxph3	family with sequence similarity 188, member B	6.64E-01	NS	3.84E-02	-1.2	3.02E-01	NS
A_44_P1047375	NM_001011904	288710	Rnf10	olfactory receptor 325	7.92E-01	NS	1.29E-02	-1.2	7.09E-01	NS
A_64_P097083	XM_002727722			HCCA2 protein	5.02E-01	NS		-1.2	2.09E-01	NS
A_64_P001122	NM_001015036	407765	Siat7F	son of sevenless homolog 2 (Drosophila)	8.60E-01	NS	2.72E-02	-1.2	7.13E-01	NS
A_64_P029213	NM_012578	24437	H1f0	LIM domain binding 2	4.21E-01	NS	2.08E-02	-1.2	6.59E-01	NS
A_44_P180731	NM_001130501	314930	Zfpm2	monoacylglycerol O-acyltransferase 1	6.21E-01	NS	4.43E-02	-1.2	8.36E-01	NS
A_64_P044476	NM_001024865	287962	Mrpl40	purinergic receptor P2Y, G-protein coupled, 12	7.75E-01	NS	4.76E-02	-1.2	4.08E-01	NS
A_44_P314270	XM_001058587	312365	Fam188b	membrane magnesium transporter 2	6.01E-01	NS	4.33E-02	-1.2	5.46E-01	NS
A_64_P008477	NM_001000247	293763	Olr325	placenta-specific 9	4.67E-01	NS	4.43E-02	-1.2	2.53E-02	-1.4
A_42_P830152	NM_001109159	499288	Hcca2		8.46E-01	NS	2.33E-02	-1.2	2.19E-01	NS
A_64_P142430	NM_001135561	85384	Sos2		6.11E-01	NS	2.27E-02	-1.2	3.42E-01	NS
A_64_P099134	NM_001106009	289664	Ldb2		7.31E-01	NS	1.28E-02	-1.2	4.77E-01	NS
A_44_P1018098	NM_001108803	363261	Mogat1		9.06E-01	NS	1.77E-02	-1.2	9.52E-01	NS
A_43_P12315	NM_022800	64803	P2ry12		4.39E-01	NS	4.16E-02	-1.2	7.25E-01	NS
A_64_P136845	NM_001013967	303211	Mmgt2		2.90E-01	NS	2.50E-02	-1.2	4.44E-01	NS
A_64_P122190	NM_001108395	361105	Plac9		1.31E-01	NS	1.10E-02	-1.2	5.89E-01	NS

A_42_P618185	NM_001108486	361588	Lrrc28	leucine rich repeat containing 28	5.22E-01	NS	4.47E-02	-1.2	8.06E-02	NS
A_43_P14157	NM_012570	24399	Glud1	glutamate dehydrogenase 1	9.66E-01	NS	3.33E-02	-1.1	1.13E-01	NS
A_64_P059495	NM_001109986	29467	Ddit3	DNA-damage inducible transcript 3	7.64E-01	NS	4.70E-02	-1.1	7.94E-02	NS
A_44_P289132	NM_001106849	300950	Spsb4	spiA/ryanodine receptor domain and SOCS box containing 4	1.03E-01	NS	3.73E-02	-1.1	2.08E-01	NS
A_64_P084831	NM_001033683	287721	Vat1	vesicle amine transport protein 1 homolog (T californica)	5.12E-01	NS	1.53E-02	-1.1	6.65E-01	NS
A_44_P1000232	NM_001106688	298544	Sh3bgrl3	SH3 domain binding glutamic acid-rich protein-like 3	6.31E-01	NS	3.56E-02	-1.1	5.25E-01	NS
A_42_P468805	NM_145721	252827	Cdk5rap1	CDK5 regulatory subunit associated protein 1	4.87E-01	NS	2.84E-02	-1.1	4.24E-01	NS
A_43_P15205	NM_001109302	501099	Srf	serum response factor (c-fos serum response element-binding transcription factor)	7.10E-01	NS	1.95E-02	-1.1	1.97E-01	NS
A_44_P517650	NM_020306	57027	Adam17	ADAM metallopeptidase domain 17	3.47E-01	NS	4.55E-02	-1.1	2.36E-01	NS
A_43_P12815	NM_053475	85237	Ptp4a2	protein tyrosine phosphatase 4a2	1.84E-01	NS	4.79E-02	-1.1	8.04E-01	NS
A_64_P064284	XM_001066439	686076	LOC686076	similar to suppressor of initiator codon mutations, related sequence 1	3.79E-01	NS	4.04E-02	-1.1	6.65E-01	NS
A_64_P087758	NM_001007014	474154	Rbm4b	RNA binding motif protein 4B	1.76E-01	NS	3.87E-02	-1.1	3.30E-01	NS
A_64_P066276	NM_013160	25701	Mxi1	MAX interactor 1	8.33E-01	NS	3.27E-02	-1.1	8.39E-01	NS
A_64_P038758	BF393110				9.02E-01	NS	3.50E-02	-1.1	7.66E-01	NS
A_42_P584179	NM_001024360	501101	nod3l	NOD3-like protein	9.61E-01	NS		-1.1	5.08E-01	NS
A_42_P522899	NM_021578	59086	Tgfb1	transforming growth factor, beta 1	7.03E-01	NS	4.58E-02	-1.1	7.77E-02	NS
A_64_P121262	NM_001009704	361442	Sipa1l2	signal-induced proliferation-associated 1 like 2	1.45E-01	NS		-1.0	7.03E-01	NS
A_64_P129453	NM_001134840	291841	Cnot1	CCR4-NOT transcription complex, subunit 1	2.24E-01	NS		-1.0	8.09E-01	NS
A_64_P028067	XM_225502				2.58E-01	NS		-1.0	8.94E-01	NS
A_64_P104669	XM_223048				2.29E-01	NS		1.0	7.49E-01	NS
A_64_P000398	XM_001069779	299963	RGD1564515	similar to alpha 1B-glycoprotein	9.28E-01	NS		1.1	1.81E-01	NS
A_64_P148673	XR_008119				7.44E-02	NS		1.1	2.10E-01	NS
A_64_P007317	XM_001075288	684755	LOC684755	similar to zinc finger like protein 1	1.92E-01	NS		1.1	6.73E-02	NS
A_42_P590577	NM_020075	56783	Eif5	eukaryotic translation initiation factor 5	1.75E-01	NS	4.64E-02	1.1	5.53E-01	NS
A_44_P588645	FQ230244				6.54E-01	NS	4.66E-02	1.1	1.12E-01	NS
A_44_P204789	NM_001025684	310682	Pex11b	peroxisomal biogenesis factor 11 beta	6.20E-01	NS	4.49E-02	1.1	9.44E-01	NS
A_43_P12007	NM_019283	50567	Slc3a2	solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2	1.01E-01	NS	4.98E-02	1.1	4.09E-01	NS
A_64_P033377	XM_344425				9.32E-02	NS	4.61E-02	1.1	2.78E-01	NS
A_64_P264316	NM_001126282	315329	Mfsd5	major facilitator superfamily domain containing 5	2.77E-01	NS	3.84E-02	1.1	7.78E-01	NS
A_64_P121206	NM_001106221	292554	Aurkc	aurora kinase C	3.53E-01	NS	4.59E-02	1.1	1.50E-01	NS
A_44_P123631	NM_001106130	291411	Atp9b	ATPase, class II, type 9B	1.55E-01	NS	3.51E-02	1.1	2.54E-01	NS
A_64_P048852	XR_007887				1.83E-01	NS		1.1	8.55E-01	NS
A_42_P634910	NM_017355	50866	Rab4b	RAB4B, member RAS oncogene family	2.68E-01	NS	4.04E-02	1.1	3.58E-01	NS
A_64_P118296	NM_001025409	297893	Hdac1	histone deacetylase 1	1.13E-01	NS	3.35E-02	1.1	8.13E-01	NS
A_42_P537516	NM_001106023	289874	Erlec1	endoplasmic reticulum lectin 1	2.68E-01	NS	4.15E-02	1.1	5.30E-02	NS
A_64_P063324	NM_001107143	304512	Rbm19	RNA binding motif protein 19	1.26E-01	NS	2.45E-02	1.1	6.93E-01	NS
A_64_P011744	NM_001108789	363194	Xpo5	exportin 5	3.06E-01	NS	2.28E-02	1.1	5.75E-01	NS
A_64_P089425	NM_001107143	304512	Rbm19	RNA binding motif protein 19	8.96E-01	NS	2.91E-02	1.1	2.32E-01	NS
A_64_P094930	NM_001108463	361476	Rshl2	radial spokehead-like 2	1.56E-01	NS	4.33E-02	1.1	2.29E-01	NS
A_44_P558390	NM_001115039	683402	LOC683402	similar to AP-3 complex subunit sigma-2 (Adapter-related protein complex 3 sigma-2 subunit) (Sigma-adaptin 3b) (AP-3 complex sigma-3B subunit) (Sigma-3B-adaptin)	9.60E-01	NS	5.00E-02	1.1	4.72E-01	NS
A_64_P012444	NM_001107599	309441	Peo1	progressive external ophthalmoplegia 1	5.35E-02	NS	3.57E-02	1.1	1.28E-01	NS
A_44_P311945	NM_001106677	298425	RGD1310351	similar to RIKEN cDNA 4732418C07	7.98E-02	NS	4.55E-02	1.1	4.53E-02	-1.3
A_42_P573766	NM_001100894	314453	Wdr20a	WD repeat domain 20a	2.83E-01	NS	3.65E-02	1.1	6.27E-01	NS

A_64_P096836	NM_001004199	246244	Tax1bp1	Tax1 (human T-cell leukemia virus type I) binding protein 1	9.86E-02	NS	2.41E-02	1.1	2.88E-01	NS
A_64_P048133	NM_175603	319110	Hnrnpr	heterogeneous nuclear ribonucleoprotein R	1.14E-01	NS	4.71E-02	1.1	3.80E-01	NS
A_44_P457226	NM_001106187	292019	Sf3b3	splicing factor 3b, subunit 3	5.60E-01	NS	2.74E-02	1.1	8.08E-02	NS
A_44_P189660	NM_001024775	308362	Zfp110	zinc finger protein 110	8.88E-01	NS	1.91E-02	1.1	1.91E-01	NS
A_64_P057516	NM_001106697	298586	Mrto4	mRNA turnover 4 homolog (S. cerevisiae)	2.71E-01	NS	4.13E-02	1.1	6.36E-01	NS
A_42_P513939	NM_001126286	317344	RGD1565685	similar to RIKEN cDNA 1810030O07	1.07E-01	NS	3.96E-02	1.1	4.09E-01	NS
A_44_P1030897	NM_207589	290549	Selk	selenoprotein K	6.43E-02	NS	4.67E-02	1.1	3.31E-01	NS
A_44_P717706	NM_001007682	305889	Thtpa	thiamine triphosphatase	5.77E-01	NS	3.81E-02	1.1	7.96E-01	NS
A_64_P032991	XR_008004			tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide	1.65E-01	NS	4.88E-02	1.1	1.91E-02	-1.6
A_44_P1036408	NM_013053	25577	Ywhaq	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide	1.09E-01	NS	4.99E-02	1.1	1.46E-01	NS
A_44_P221287	XM_001067280	313478	Cc2d1b	coiled-coil and C2 domain containing 1B	9.14E-01	NS	4.78E-02	1.1	4.86E-01	NS
A_64_P085700	NM_001108548	361923	Rpl22l1	ribosomal protein L22 like 1	3.34E-01	NS	4.99E-02	1.1	3.50E-01	NS
A_64_P077361	NM_001107360	307067	Dip2c	DIP2 disco-interacting protein 2 homolog C (Drosophila)	9.99E-01	NS	3.62E-02	1.1	8.77E-01	NS
A_64_P069131	NM_001012098	312824	Recql	RecQ protein-like (DNA helicase Q1-like)	2.42E-01	NS	4.50E-02	1.1	1.58E-01	NS
A_44_P265399	NM_001108220	316412	Als2cr4	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 4	3.41E-01	NS	3.11E-02	1.1	2.07E-01	NS
A_44_P1022237	NM_133580	171111	Rab26	RAB26, member RAS oncogene family adaptor-related protein complex 1, beta 1 subunit	7.04E-02	NS	2.15E-02	1.1	2.51E-01	NS
A_64_P040980	NM_017277	29663	Ap1b1	dihydrouridine synthase 3-like (S. cerevisiae)	3.78E-01	NS	4.72E-02	1.1	2.76E-01	NS
A_44_P539156	NM_001034923	301122	Dus3l	dihydrouridine synthase 3-like (S. cerevisiae)	1.20E-01	NS	3.46E-02	1.1	2.44E-01	NS
A_64_P081962	NM_001113783	362460	Golt1b	golgi transport 1 homolog B (S. cerevisiae)	1.06E-01	NS	4.70E-02	1.1	1.56E-01	NS
A_64_P117180	NM_001106210	292306	Rnaset2	ribonuclease T2	6.69E-02	NS	2.58E-02	1.1	NS	NS
A_44_P623083	NM_001009292	293489	Giyd2	GIY-YIG domain containing 2	6.79E-01	NS	3.57E-02	1.1	5.74E-01	NS
A_44_P525151	NM_001107576	309200	Ints5	integrator complex subunit 5	2.27E-01	NS	2.49E-02	1.1	1.32E-02	1.9
A_64_P105298	XM_002725785			integrator complex subunit 5	1.92E-01	NS	2.11E-02	1.1	3.79E-01	NS
A_64_P132881	FQ221634	29284	Rps14	ribosomal protein S14	1.52E-01	NS	4.71E-02	1.1	1.32E-01	NS
A_64_P053680	NM_001108089	314798	RGD1310270	similar to CG33154-PB	2.57E-01	NS	4.74E-02	1.1	5.77E-01	NS
A_44_P1030215	NM_001006989	301013	Shisa5	shisa homolog 5 (Xenopus laevis)	4.29E-01	NS	2.35E-02	1.1	4.21E-01	NS
A_64_P050358	XM_001053512			shisa homolog 5 (Xenopus laevis)	1.03E-01	NS	3.59E-02	1.1	1.76E-01	NS
A_44_P357470	NM_030849	81507	Bmpr1a	bone morphogenetic protein receptor, type IA	2.15E-01	NS	4.88E-02	1.1	4.35E-01	NS
A_43_P13317	NM_138877	25035	Cyb5r3	cytochrome b5 reductase 3	2.20E-01	NS	3.41E-02	1.1	1.99E-01	NS
A_44_P959443	NM_001168542	296293	Cbfa2t2	core-binding factor, runt domain, alpha subunit 2; translocated to, 2	3.13E-01	NS	2.82E-02	1.1	3.26E-01	NS
A_44_P538691	NM_031772	83581	Polr1a	polymerase (RNA) I polypeptide A	5.98E-01	NS	4.43E-02	1.1	1.76E-01	NS
A_43_P16894	NM_001030054	595134	Akirin1	akirin 1	2.67E-01	NS	4.10E-02	1.1	2.45E-01	NS
A_64_P029054	NM_021868	60465	Cttn	cortactin	5.76E-01	NS	3.51E-02	1.1	6.59E-01	NS
A_64_P161413	NM_001013905	294004	RGD1307648	similar to CG13901-PA	1.05E-01	NS	4.45E-02	1.1	3.31E-01	NS
A_64_P108692	NM_001136162	292095	Ttc13	tetratricopeptide repeat domain 13	5.44E-02	NS	3.01E-02	1.1	3.60E-01	NS
A_44_P213082	NM_001031641	290923	Aga	aspartylglucosaminidase	1.05E-01	NS	4.11E-02	1.2	5.93E-01	NS
A_64_P077806	NM_001108917	365314	Lipt2	lipoyl(octanoyl) transferase 2 (putative)	1.19E-01	NS	3.26E-02	1.2	5.08E-01	NS
A_64_P154249	NM_001011995	300218	Tuba1c	tubulin, alpha 1C	5.52E-02	NS	3.85E-02	1.2	2.39E-01	NS
A_44_P132039	NM_001014208	363027	Yip2	Yip1 domain family, member 2	7.04E-02	NS	1.98E-02	1.2	1.40E-01	NS
A_64_P137436	XM_001081745	688286	LOC688286	similar to threonine aldolase 1	7.89E-01	NS	2.99E-02	1.2	7.27E-01	NS
A_44_P459279	XM_002725694	308837	Ints4	integrator complex subunit 4	8.47E-01	NS	2.88E-02	1.2	3.74E-01	NS
A_64_P097193	XM_001072207	315969	Topbp1	topoisomerase (DNA) II binding protein 1	9.10E-01	NS	3.06E-02	1.2	4.78E-02	1.5
A_64_P008928	NM_001004102	296911	ST7	suppression of tumorigenicity 7	1.19E-01	NS	4.36E-02	1.2	6.87E-01	NS
A_64_P148762	NM_001100493	287134	Gnptg	N-acetylglucosamine-1-phosphate transferase, gamma subunit	8.74E-02	NS	2.02E-02	1.2	9.68E-02	NS
A_64_P219062	CK839443			ubiquitin-fold modifier conjugating enzyme 1	4.49E-01	NS	4.01E-02	1.2	5.17E-01	NS
A_44_P522293	NM_001003709	445268	Ufc1	ubiquitin-fold modifier conjugating enzyme 1	2.32E-01	NS	3.34E-02	1.2	1.76E-01	NS
A_44_P449734	XR_085947			ubiquitin-fold modifier conjugating enzyme 1	5.54E-02	NS	4.58E-02	1.2	6.09E-01	NS

A_44_P607583	NM_001007706	314462	Trmt61a	tRNA methyltransferase 61 homolog A (S. cerevisiae)	5.58E-02	NS	1.98E-02	1.2	3.99E-01	NS
A_64_P154466	NM_001107711	310756	Mov10	Moloney leukemia virus 10	8.70E-01	NS	3.50E-02	1.2	6.18E-01	NS
A_64_P128438	NM_012591	24508	Irf1	interferon regulatory factor 1	3.19E-01	NS	4.35E-02	1.2	9.64E-02	NS
A_43_P15709	NM_183329	252891	Sra1	steroid receptor RNA activator 1	5.48E-02	NS	2.45E-02	1.2	6.00E-01	NS
A_44_P808072	NM_001107904	312947	Tgs1	trimethylguanosine synthase homolog (S. cerevisiae)	5.67E-01	NS	4.06E-02	1.2	3.17E-01	NS
A_44_P426936	NM_001108040	314300	RGD1307704	similar to RIKEN cDNA 2410016O06 conserved helix-loop-helix ubiquitous kinase	5.00E-01	NS	3.92E-02	1.2	2.60E-01	NS
A_44_P269609	NM_001107588	309361	Chuk	kinase	7.88E-02	NS	3.52E-02	1.2	5.91E-02	NS
A_64_P026311	NM_001106444	295243	Krtcap2	keratinocyte associated protein 2	5.32E-02	NS	4.84E-02	1.2	2.16E-02	-1.6
A_44_P187685	NM_001105940	288783	Ormdl2	ORM1-like 2 (S. cerevisiae)	1.56E-01	NS	3.72E-02	1.2	7.12E-02	NS
A_42_P641107	NM_021582	59102	Rpa2	replication protein A2	2.47E-01	NS	2.81E-02	1.2	1.19E-01	NS
A_44_P318435	NM_001004078	294864	Cct5	chaperonin containing Tcp1, subunit 5 (epsilon)	2.42E-01	NS	2.52E-02	1.2	8.82E-02	NS
A_64_P122701	NM_001107676	310417	RGD1309403	similar to hypothetical protein FLJ12661 USO1 homolog, vesicle docking protein (yeast)	3.41E-01	NS	2.40E-02	1.2	8.95E-01	NS
A_43_P15540	NM_019379	56042	Uso1	USO1 homolog, vesicle docking protein (yeast)	1.28E-01	NS	4.81E-02	1.2	2.71E-01	NS
A_44_P479631	NM_001108256	317576	Ocri	oculocerebrorenal syndrome of Lowe v-rel reticuloendotheliosis viral oncogene homolog A (avian)	1.40E-01	NS	3.99E-02	1.2	5.86E-01	NS
A_64_P046388	NM_199267	309165	Rela	N-acylsphingosine amidohydrolase (non-lysosomal ceramidase) 2	6.57E-01	NS	1.38E-02	1.2	6.09E-01	NS
A_64_P102483	NM_053646	114104	Asah2	polymerase (DNA-directed), delta interacting protein 3	5.83E-02	NS	4.85E-02	1.2	1.93E-01	NS
A_43_P10642	NM_001130506	315170	Poldip3	transmembrane protein 175	1.80E-01	NS	7.68E-03	1.2	3.98E-01	NS
A_44_P501365	NM_001013991	305623	Tmem175	THO complex 5	3.75E-01	NS	1.60E-02	1.2	3.05E-01	NS
A_43_P23210	NM_001012153	360972	Thoc5	WD repeat domain 8	8.03E-01	NS	1.45E-02	1.2	5.07E-01	NS
A_44_P204956	NM_001014262	366515	Wdr8	SEC63 homolog (S. cerevisiae)	3.02E-01	NS	4.20E-02	1.2	2.18E-01	NS
A_64_P101553	NM_001107637	309858	Sec63	ribosomal protein L36a	7.32E-02	NS	9.00E-03	1.2	5.34E-02	NS
A_64_P057533	NM_001128065	292964	Rpl36a	similar to C11orf17 protein	2.53E-01	NS	2.87E-02	1.2	6.09E-01	NS
A_42_P797965	NM_001108497	361624	RGD1306959	zinc finger, MYM-type 3	1.65E-01	NS	4.37E-02	1.2	7.52E-02	NS
A_44_P389462	NM_001040155	317260	Zmym3	COMM domain containing 7	2.50E-01	NS	4.92E-02	1.2	3.67E-01	NS
A_43_P17772	NM_001030029	296285	Comm7	component of oligomeric golgi complex 3	1.46E-01	NS	3.97E-02	1.2	7.94E-01	NS
A_64_P077751	NM_001012157	361073	Cog3	sortilin 1	8.73E-01	NS	3.20E-02	1.2	5.85E-01	NS
A_44_P822283	NM_031767	83576	Sort1	nucleotide binding protein 2	8.98E-01	NS	4.28E-02	1.2	7.72E-01	NS
A_44_P263060	NM_001011891	287125	Nubp2	similar to RIKEN cDNA E230015L20 gene	1.26E-01	NS	2.34E-02	1.2	9.62E-01	NS
A_64_P045544	FQ226855			keratin associated protein 16-5	1.11E-01	NS	4.06E-02	1.2	1.99E-01	NS
A_44_P306156	XR_085636	306238	RGD1560873	WD repeat domain 25-like	1.56E-01	NS	4.96E-02	1.2	2.04E-01	NS
A_64_P071362	NM_001109424	680703	Krtap16-5	TBCC domain containing 1	3.14E-01	NS	4.04E-02	1.2	5.97E-01	NS
A_64_P054856	NM_001135894	314443	Wdr25l	adenosine deaminase, tRNA-specific 3, TAD3 homolog (S. cerevisiae)	5.59E-02	NS	2.97E-02	1.2	7.91E-01	NS
A_64_P085467	NM_001012016	303830	Tbccd1	ATP-binding cassette, sub-family D (ALD), member 3	4.15E-01	NS	2.43E-02	1.2	3.38E-01	NS
A_44_P185243	XM_001072014				8.06E-01	NS	4.13E-02	1.2	1.54E-01	NS
A_64_P065691	NM_001103361	100125374	Adat3	calpain 10	7.47E-01	NS	1.52E-02	1.2	9.75E-01	NS
A_43_P11570	NM_012804	25270	Abcd3	glutamyl-peptide cyclotransferase-like	9.65E-02	NS	4.91E-02	1.2	3.09E-01	NS
A_64_P093633	XM_001077234			zinc finger protein 653	6.90E-01	NS	3.89E-02	1.2	1.84E-01	NS
A_43_P12631	NM_031673	63834	Capn10	fucokinase	7.44E-02	NS	2.42E-02	1.2	8.23E-01	NS
A_64_P009515	NM_001106230	292687	Qpctl	hippocampus abundant gene transcript 1	9.91E-01	NS	1.05E-02	1.2	8.25E-01	NS
A_44_P1022762	NM_001106807	300446	Zfp653	exostoses (multiple) 2	5.13E-02	NS	2.81E-02	1.2	8.65E-01	NS
A_64_P335246	NM_001107429	307848	Fuk	hypothetical protein LOC606294	7.01E-02	NS	2.15E-02	1.2	5.51E-01	NS
A_44_P575034	NM_001106467	100134827	Hiat1	protein tyrosine phosphatase, non-receptor type 9	6.19E-01	NS	4.93E-02	1.2	3.07E-01	NS
A_44_P220277	NM_001107751	311215	Ext2	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	1.40E-01	NS	3.22E-02	1.2	3.23E-01	NS
A_44_P365947	NM_001031627	606294	LOC606294	choline kinase alpha	9.04E-01	NS	3.65E-02	1.2	3.24E-01	NS
A_44_P244138	NM_001013040	266611	Ptpn9		8.80E-01	NS	3.17E-02	1.2	1.28E-01	NS
A_44_P1016170	NM_001011923	291078	Prpf4b		2.85E-01	NS	2.61E-02	1.2	7.43E-01	NS
A_64_P015607	NM_017127	29194	Chka		3.49E-01	NS	2.73E-02	1.2	6.18E-02	NS
A_64_P137070	XM_002727181				2.66E-01	NS	4.35E-02	1.2	1.89E-02	-1.3

A_44_P144277	NM_017175	29355	Pkn1	protein kinase N1	4.42E-01	NS	4.45E-02	1.2	8.37E-01	NS
A_44_P407543	NM_001024996	304346	Mblac1	metallo-beta-lactamase domain containing 1	6.13E-01	NS	3.80E-02	1.2	8.99E-01	NS
A_44_P210120	NM_001008521	315265	Twf1	twinfilin, actin-binding protein, homolog 1 (Drosophila)	1.10E-01	NS	4.70E-02	1.2	6.49E-01	NS
A_44_P265965	NM_031360	83537	Smpd2	sphingomyelin phosphodiesterase 2, neutral	3.43E-01	NS	3.34E-02	1.2	4.91E-01	NS
A_42_P762618	NM_053425	84485	Ccs	copper chaperone for superoxide dismutase	9.78E-02	NS	2.40E-02	1.2	3.04E-01	NS
A_64_P166361	FQ228753				6.93E-01	NS	1.98E-02	1.2	1.76E-01	NS
A_44_P382525	NM_001122976	314999	Trmt12	tRNA methyltransferase 12 homolog (S. cerevisiae)	6.58E-01	NS	2.50E-02	1.2	5.77E-01	NS
A_44_P928907	XM_001077676	498952	Zfp1	zinc finger protein 1	5.02E-01	NS	3.98E-02	1.2	5.16E-01	NS
A_44_P108003	NM_001130559	362899	Nipal2	NIPA-like domain containing 2	6.65E-02	NS	2.85E-02	1.2	6.79E-01	NS
A_44_P326198	NM_001011927	291969	Atp6v0d1	ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1	3.72E-01	NS	1.73E-02	1.2	4.37E-01	NS
A_42_P671502	NM_053467	84599	Tmed10	transmembrane emp24-like trafficking protein 10 (yeast)	6.16E-02	NS	4.59E-02	1.2	6.35E-02	NS
A_44_P459391	NM_001131006	290555	Spcs1	signal peptidase complex subunit 1 homolog (S. cerevisiae)	1.09E-01	NS	1.90E-02	1.2	2.94E-01	NS
A_44_P945846	NM_001108707	362728	Twistnb	TWIST neighbor	1.37E-01	NS	4.95E-02	1.2	7.81E-01	NS
A_64_P015983	NM_022516	29497	Ptbp1	polypyrimidine tract binding protein 1	5.48E-01	NS	4.81E-02	1.2	9.37E-01	NS
A_43_P18388	NM_001107150	304570	Ddx51	DEAD (Asp-Glu-Ala-Asp) box polypeptide 51	4.00E-01	NS	2.04E-02	1.2	7.69E-01	NS
A_44_P930673	NM_001135895	363164	Wdr48	WD repeat domain 48	7.07E-01	NS	3.07E-02	1.2	8.16E-01	NS
A_64_P150835	NM_001113784	362594	Meaf6	MYST/Esal1-associated factor 6	5.00E-02	NS	2.55E-02	1.2	7.06E-01	NS
A_64_P148326	XM_001063552				1.95E-01	NS	4.77E-02	1.2	6.67E-01	NS
A_44_P184817	NM_080892	140927	Selenbp1	selenium binding protein 1	5.91E-01	NS	3.66E-02	1.2	5.00E-01	NS
A_42_P453894	NM_001108296	360617	RGD1306682	similar to RIKEN cDNA 1810046J19	1.63E-01	NS	3.71E-02	1.2	2.48E-01	NS
A_44_P401140	NM_001012008	303226	Znf18	zinc finger protein 18	9.72E-01	NS	3.90E-02	1.2	7.15E-01	NS
A_42_P514027	NM_001079894	361659	Plekha1	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1	6.59E-01	NS	2.44E-02	1.2	9.21E-01	NS
A_44_P238392	NM_001047883	309176	Mrpl49	mitochondrial ribosomal protein L49	2.28E-01	NS	4.94E-02	1.2	1.94E-01	NS
A_44_P107184	NM_019219	29459	Rbbp9	retinoblastoma binding protein 9	5.03E-01	NS	2.85E-02	1.2	7.94E-01	NS
A_43_P19656	NM_001127533	303100	Mgat4b	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme B	1.55E-01	NS	3.05E-02	1.2	4.23E-01	NS
A_44_P314505	NM_001108842	363760	Arl6	ADP-ribosylation factor-like 6	1.70E-01	NS	8.83E-03	1.2	2.41E-01	NS
A_64_P148459	NM_001107442	307927	Taf5l	TAF5-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor	4.07E-01	NS	1.27E-02	1.2	1.32E-01	NS
A_64_P124309	NM_001024969	288545	RGD1305455	similar to hypothetical protein FLJ10925	3.60E-01	NS	1.49E-02	1.2	5.61E-01	NS
A_64_P128160	XM_001057307	306255	Nisch	nischarin	3.91E-01	NS	3.35E-02	1.2	5.30E-01	NS
A_44_P745585	NM_001024309	499749	LOC499749	similar to RIKEN cDNA C430004E15	1.64E-01	NS	4.85E-02	1.2	1.59E-01	NS
A_64_P017304	NM_053463	84595	Nucb1	nucleobindin 1	5.28E-01	NS	2.13E-02	1.2	9.70E-01	NS
A_44_P346318	XM_001079503	292082	Tcf25	transcription factor 25 (basic helix-loop-helix)	1.47E-01	NS	3.25E-02	1.2	2.79E-01	NS
A_64_P079807	NM_198734	292768	Yif1b	Yip1 interacting factor homolog B (S. cerevisiae)	9.01E-01	NS	2.52E-02	1.2	5.05E-01	NS
A_44_P436101	NM_001108542	361882	Rgnef	Rho-guanine nucleotide exchange factor	1.23E-01	NS	3.02E-02	1.2	1.72E-01	NS
A_44_P384223	NM_024151	79120	Arf4	ADP-ribosylation factor 4	1.31E-01	NS	1.34E-02	1.2	3.49E-01	NS
A_43_P16525	NM_001108143	315634	Rbm7	RNA binding motif protein 7	3.88E-01	NS	1.54E-02	1.2	1.48E-01	NS
A_44_P314353	NM_001037765	288772	Spryd4	SPRY domain containing 4	3.89E-01	NS	3.53E-02	1.2	1.53E-01	NS
A_44_P466271	NM_001012066	308589	Sphk2	sphingosine kinase 2	3.89E-01	NS	4.80E-02	1.2	9.59E-01	NS
A_42_P753198	NM_001109025	407784	Rnf5	ring finger protein 5	8.42E-01	NS	4.78E-02	1.2	5.74E-01	NS
A_64_P044151	NM_001024354	500900	Lrrc14	leucine rich repeat containing 14	7.02E-02	NS	1.08E-02	1.2	1.47E-01	NS
A_64_P111963	XR_009388				1.50E-01	NS	4.90E-02	1.2	7.68E-01	NS
A_44_P168713	NM_022501	338401	Crip2	cysteine-rich protein 2	5.28E-01	NS	3.97E-02	1.2	3.92E-01	NS

A_44_P323664	XM_341363	361080	RGD1559682	similar to peptidylprolyl isomerase A (cyclophilin A))	6.41E-02	NS	4.09E-02	1.2	8.29E-02	NS
A_44_P275029	NM_022715	64681	Mvp	major vault protein	3.67E-01	NS	3.33E-02	1.2	4.51E-01	NS
A_64_P056746	NM_022386	64188	Mafg	v-maf musculoaponeurotic fibrosarcoma oncogene homolog G (avian)	4.28E-01	NS	4.77E-02	1.2	7.50E-01	NS
A_64_P082113	NM_001106529	296284	Kif3b	kinesin family member 3B	5.07E-01	NS	2.99E-02	1.2	3.72E-01	NS
A_43_P12212	NM_022383	64185	Cap1	CAP, adenylate cyclase-associated protein 1 (yeast)	3.34E-01	NS	2.15E-02	1.2	3.18E-01	NS
A_64_P128887	NM_053735	114554	Pi4k2a	phosphatidylinositol 4-kinase type 2 alpha	2.34E-01	NS	4.30E-02	1.2	5.64E-02	NS
A_43_P15727	NM_031322	83469	Lrp4	low density lipoprotein receptor-related protein 4	4.51E-01	NS	3.60E-02	1.2	1.78E-01	NS
A_44_P459741	NM_001004443	300757	Hexa	hexosaminidase A	4.43E-01	NS	1.12E-02	1.2	6.14E-01	NS
A_64_P146984	NM_031330	83498	Hnrnpab	heterogeneous nuclear ribonucleoprotein A/B	7.25E-02	NS	2.46E-02	1.2	9.04E-01	NS
A_64_P166494	BC072483	83527	Dbnl	drebrin-like	9.53E-02	NS	1.62E-02	1.2	9.33E-01	NS
A_64_P016373	XM_001081955	289350	Rab3gap2	RAB3 GTPase activating protein subunit 2	6.40E-01	NS	4.54E-02	1.2	1.65E-01	NS
A_64_P118658	NM_021766	291948	Pgrmc1	progesterone receptor membrane component 1	8.06E-01	NS	2.72E-02	1.2	2.79E-01	NS
A_43_P18171	NM_001008893	307858	Ldhd	lactate dehydrogenase D	1.59E-01	NS	3.56E-02	1.2	7.60E-02	NS
A_43_P16155	XM_001070228	114486	Braf	v-raf murine sarcoma viral oncogene homolog B1	2.10E-01	NS	2.39E-02	1.2	3.58E-01	NS
A_64_P021902	NM_147142	257650	LOC257650	hippyragranin	4.72E-01	NS	3.31E-02	1.2	8.44E-01	NS
A_42_P768799	NM_031774	83583	Rabac1	Rab acceptor 1 (prenylated)	3.04E-01	NS	6.94E-03	1.2	2.50E-01	NS
A_44_P387331	XM_001079061				1.01E-01	NS	4.24E-02	1.2	8.39E-02	NS
A_64_P066785	NM_001009633	289468	Fam175a	family with sequence similarity 175, member A	1.44E-01	NS	2.32E-02	1.2	9.65E-01	NS
A_44_P430581	NM_001106301	293528	Nsmce4a	non-SMC element 4 homolog A (S. cerevisiae)	1.11E-01	NS	2.72E-02	1.2	1.30E-01	NS
A_42_P801379	NM_199114	360903	Fgfr1	fibroblast growth factor receptor-like 1	1.24E-01	NS	3.76E-02	1.2	1.24E-01	NS
A_42_P755665	NM_001013154	309457	Pcgf6	polycomb group ring finger 6	1.77E-01	NS	3.26E-02	1.2	4.99E-01	NS
A_64_P023633	NM_175761	299331	Hsp90aa1	heat shock protein 90, alpha (cytosolic), class A member 1	8.98E-02	NS	4.29E-02	1.2	6.33E-01	NS
A_64_P160111	XM_001061861	685003	LOC685003	similar to Leydig cell tumor 10 kDa protein	2.80E-01	NS	2.52E-02	1.2	3.67E-01	NS
A_44_P1039678	NM_001113747	245975	Setd4	SET domain containing 4	5.78E-02	NS	2.51E-02	1.2	5.42E-01	NS
A_44_P105156	NM_001013069	293150	Stard10	STAR-related lipid transfer (START) domain containing 10	8.46E-01	NS	4.61E-02	1.2	9.27E-01	NS
A_44_P203195	NM_053585	94193	Madd	MAP-kinase activating death domain	4.88E-01	NS	1.61E-02	1.2	5.50E-01	NS
A_44_P196456	NM_031037	81667	Gnb2	guanine nucleotide binding protein (G protein), beta polypeptide 2	1.30E-01	NS	1.95E-02	1.2	2.39E-01	NS
A_44_P1007613	XM_220219	302973	Abca3	ATP-binding cassette, sub-family A (ABC1), member 3	1.02E-01	NS	2.45E-02	1.2	2.78E-02	-1.9
A_43_P21715	NM_001100559	304132	Rwdd2b	RWD domain containing 2B	7.17E-01	NS	4.68E-02	1.2	5.53E-01	NS
A_64_P164232	NM_001107756	311257	RGD1306717	similar to hypothetical protein MGC25461	3.94E-01	NS	3.37E-02	1.2	2.22E-01	NS
A_64_P050545	NM_001012193	362757	Rdh11	retinol dehydrogenase 11 (all-trans/9-cis/11-cis)	7.26E-02	NS	3.21E-02	1.2	8.55E-02	NS
A_64_P082381	NM_001108240	316916	Cliptm1l	CLPTM1-like	5.74E-02	NS	1.47E-02	1.2	3.68E-01	NS
A_44_P1034637	NM_001012068	309070	Uros	uroporphyrinogen III synthase	4.97E-01	NS	4.50E-02	1.2	7.84E-01	NS
A_64_P021831	NM_001107429	307848	Fuk	fucokinase	7.80E-01	NS	7.68E-03	1.2	3.51E-01	NS
A_44_P189406	NM_001004265	311331	Spint1	serine peptidase inhibitor, Kunitz type 1	3.67E-01	NS	3.05E-02	1.2	1.18E-01	NS
A_64_P070926	XM_001077085				6.41E-01	NS	4.71E-02	1.2	8.21E-01	NS
A_44_P487841	NM_001013252	300965	Srprb	signal recognition particle receptor, B subunit	5.08E-01	NS	1.36E-02	1.2	5.28E-01	NS
A_64_P037425	NM_001008722	292060	Irf8	interferon regulatory factor 8	2.74E-01	NS	2.10E-02	1.2	2.60E-02	-1.4
A_44_P479286	AI058285				1.78E-01	NS	4.55E-02	1.2	8.11E-01	NS
A_44_P1026917	NM_001030033	302499	C1galt1c1	C1GALT1-specific chaperone 1	5.10E-02	NS	2.91E-02	1.2	1.15E-01	NS
A_44_P367624	AY321321				1.90E-01	NS	2.52E-02	1.2	1.77E-01	NS
A_42_P540518	NM_199399	316136	Gpr108	G protein-coupled receptor 108	8.81E-02	NS	1.27E-02	1.2	1.12E-01	NS
A_44_P337094	NM_013010	25520	Prkag1	protein kinase, AMP-activated, gamma 1 non-catalytic subunit	2.55E-01	NS	2.28E-02	1.2	3.88E-01	NS

A_42_P701161	NM_001033666	502674	Dstn	destrin	6.36E-02	NS	1.32E-02	1.2	4.71E-02	-1.6
A_64_P070818	NM_001077585	685814	Cnpy2	canopy 2 homolog (zebrafish)	1.17E-01	NS	4.55E-02	1.2	6.05E-02	NS
A_64_P121995	NM_001108305	360662	Sap30bp	SAP30 binding protein	5.66E-02	NS	2.61E-02	1.2	7.23E-01	NS
A_43_P21719	NM_001106818	300679	Mpz12	myelin protein zero-like 2	4.07E-01	NS	1.01E-02	1.2	4.62E-01	NS
A_64_P005043	NM_001009271	290558	Nt5dc2	5'-nucleotidase domain containing 2	7.57E-02	NS	2.59E-02	1.2	1.38E-01	NS
A_43_P22310	NM_001108022	314128	RGD1304624	similar to RIKEN cDNA 2700097009 general transcription factor IIE, polypeptide 2, beta	2.06E-01	NS	2.70E-02	1.2	5.78E-01	NS
A_44_P1028065	NM_001107318	306516	Gtf2e2	glutathione S-transferase, theta 3	1.35E-01	NS	1.17E-02	1.2	9.90E-01	NS
A_44_P1015203	NM_001137643	499422	Gstt3	glutathione S-transferase, theta 3	9.71E-01	NS	4.60E-02	1.2	8.68E-01	NS
A_44_P189292	NM_145671	246757	Klh17	kelch-like 17 (Drosophila)	2.39E-01	NS	1.13E-02	1.2	3.76E-02	1.8
A_44_P539047	NM_001106179	291963	Tmem208	transmembrane protein 208	7.57E-02	NS	2.92E-02	1.2	5.60E-02	NS
A_64_P221683	NM_001106421	294900	Tpd52	tumor protein D52 aldo-keto reductase family 1, member A1 (aldehyde reductase)	8.32E-01	NS	4.97E-02	1.2	2.88E-01	NS
A_42_P570919	NM_031000	78959	Akr1a1	aldo-keto reductase family 1, member A1 (aldehyde reductase)	1.44E-01	NS	3.85E-03	1.2	6.45E-01	NS
A_64_P135182	NM_001008348	309172	Frm8	FERM domain containing 8	2.43E-01	NS	4.26E-02	1.2	8.24E-02	NS
A_44_P548241	NM_001107467	308232	Zfp51	zinc finger protein 51 phospholipase A2, group IVA (cytosolic, calcium-dependent)	2.43E-01	NS	1.48E-02	1.2	9.18E-01	NS
A_44_P477620	NM_133551	24653	Pla2g4a	phospholipase A2, group IVA (cytosolic, calcium-dependent)	7.65E-02	NS	4.76E-02	1.2	4.10E-01	NS
A_43_P17141	NM_206851	289372	Smyd2	SET and MYND domain containing 2	8.30E-01	NS	6.60E-03	1.2	7.56E-01	NS
A_44_P199077	NM_001034937	361094	Ubac2	UBA domain containing 2	2.65E-01	NS	2.92E-02	1.2	1.19E-01	NS
A_64_P100240	NM_001127549	360661	Llg12	lethal giant larvae homolog 2 (Drosophila)	9.19E-01	NS	4.51E-02	1.2	6.25E-01	NS
A_43_P17139	NM_001009625	287719	Ifi35	interferon-induced protein 35	8.05E-02	NS	2.42E-02	1.2	4.11E-01	NS
A_64_P054853	NM_001134762	501088	Tbc1d5	TBC1 domain family, member 5	5.06E-01	NS	1.54E-02	1.2	4.24E-01	NS
A_64_P353328	XM_002729753				2.74E-01	NS	3.57E-02	1.2	2.15E-01	NS
A_64_P103249	NM_001109678	100125370	Nadk	NAD kinase	6.29E-01	NS	3.44E-02	1.2	6.47E-01	NS
A_42_P471507	NM_138919	192356	Unc50	unc-50 homolog (C. elegans)	1.10E-01	NS	2.80E-02	1.2	2.22E-01	NS
A_42_P561329	NM_001107771	311412	Anapc1	anaphase promoting complex subunit 1	1.66E-01	NS	1.24E-02	1.2	9.92E-01	NS
A_64_P109904	XR_009382				1.38E-01	NS	2.42E-02	1.2	8.65E-01	NS
A_44_P508613	NM_001106315	293619	Pkp3	plakophilin 3	5.12E-01	NS		1.2	1.63E-01	NS
A_44_P260268	NM_001006962	290232	Tinf2	TERF1 (TRF1)-interacting nuclear factor 2	6.62E-01	NS	1.70E-02	1.2	1.35E-01	NS
A_64_P041323	NM_030996	29336	Sigmar1	sigma non-opioid intracellular receptor 1	2.58E-01	NS	2.71E-02	1.2	8.31E-01	NS
A_64_P105850	NM_001108648	362441	Itfg2	integrin alpha FG-GAP repeat containing 2 similar to putative mitochondrial protein (2B324)	4.91E-01	NS	3.53E-02	1.2	7.61E-01	NS
A_64_P021310	XM_344647	364810	RGD1561656	similar to putative mitochondrial protein (2B324)	1.43E-01	NS	1.94E-02	1.2	8.50E-02	NS
A_64_P057650	XM_218008	308222	Wdr27	WD repeat domain 27 polymerase (RNA) III (DNA directed) polypeptide E	2.69E-01	NS	1.44E-02	1.2	8.83E-01	NS
A_44_P102774	NM_001108503	361640	Polr3e	polypeptide E LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae)	1.84E-01	NS	2.76E-02	1.2	3.86E-02	1.5
A_42_P473886	NM_001165922	684148	Lsm2	LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae) IQ motif containing GTPase activating protein 3	3.24E-01	NS	2.67E-02	1.2	2.51E-01	NS
A_64_P182546	XM_001068995	310621	Iqgap3	IQ motif containing GTPase activating protein 3	1.83E-01	NS		1.2	7.20E-01	NS
A_64_P029745	NM_001099340	503018	Wdr35l	WD repeat domain 35-like	1.25E-01	NS	3.62E-02	1.2	7.39E-01	NS
A_44_P545727	NM_053760	114635	Traf1	TRAF type zinc finger domain containing 1 DALR anticodon binding domain containing 3	2.62E-01	NS	3.74E-02	1.2	1.66E-01	NS
A_44_P806655	NM_001014214	363146	Dalrd3	DALR anticodon binding domain containing 3	6.13E-02	NS	5.60E-03	1.2	7.22E-01	NS
A_44_P1026139	NM_001134983	499929	RGD1564927	similar to TGFB-induced factor 2 2-oxoglutarate and iron-dependent oxygenase domain containing 2	6.33E-02	NS	4.18E-02	1.2	1.19E-01	NS
A_44_P276530	NM_001105927	288657	Ogfod2	2-oxoglutarate and iron-dependent oxygenase domain containing 2	2.19E-01	NS	2.41E-02	1.2	3.63E-01	NS
A_64_P053437	NM_013199	25751	Dnm2	dynamitin 2 choline/ethanolamine phosphotransferase 1	6.74E-01	NS	1.29E-02	1.2	2.86E-01	NS
A_44_P245916	NM_001007699	310773	Cept1	choline/ethanolamine phosphotransferase 1	8.72E-01	NS	4.63E-02	1.2	7.08E-02	NS
A_64_P064173	NM_001033695	300320	L3mbtl2	l(3)mbt-like 2 (Drosophila)	3.74E-01	NS	3.14E-02	1.2	3.57E-01	NS
A_42_P792760	NM_001012191	362715	Dtnb	dystrobrevin, beta	1.06E-01	NS	2.49E-02	1.2	2.97E-01	NS
A_44_P834980	NM_001109668	361677	Tollip	toll interacting protein	1.25E-01	NS	4.88E-02	1.2	4.09E-01	NS
A_64_P091415	NM_001013036	192357	Gmpr2	guanosine monophosphate reductase 2 tubulin tyrosine ligase-like family, member 12	6.70E-02	NS	2.38E-02	1.2	5.35E-01	NS
A_64_P015255	NM_001135922	300105	Tll12	tubulin tyrosine ligase-like family, member 12	3.36E-01	NS	2.37E-02	1.2	6.79E-01	NS
A_64_P148183	XM_001053588				8.61E-02	NS	1.52E-02	1.2	2.27E-01	NS
A_42_P530662	NM_138922	192363	Nos1ap	nitric oxide synthase 1 (neuronal) adaptor protein	4.49E-01	NS	3.63E-02	1.2	1.31E-01	NS

A_44_P869351	NM_001107779	311441	Trmt6	tRNA methyltransferase 6 homolog (S. cerevisiae)	7.69E-02	NS	3.82E-02	1.2	4.05E-01	NS
A_44_P358782	NM_001100702	310785	Wdr47	WD repeat domain 47	6.20E-01	NS	2.05E-02	1.2	3.24E-01	NS
A_42_P814107	NM_001024750	293144	Pold3	polymerase (DNA-directed), delta 3, accessory subunit	1.13E-01	NS	1.06E-02	1.2	7.69E-01	NS
A_44_P575055	NM_001017512	499094	Zfp61	zinc finger protein 61	3.53E-01	NS	3.04E-02	1.2	8.94E-01	NS
A_44_P686876	NM_001109037	497958	Gemin4	gem (nuclear organelle) associated protein 4	2.88E-01	NS	1.47E-02	1.2	8.92E-01	NS
A_42_P756706	NM_001108423	361293	Riok3	RIO kinase 3 (yeast)	5.90E-02	NS	3.01E-02	1.2	7.35E-01	NS
A_64_P110018	NM_001107003	303141	Rapgef6	Rap guanine nucleotide exchange factor (GEF) 6	1.53E-01	NS	4.06E-02	1.2	1.35E-02	-1.4
A_44_P248634	NM_001085485	315216	Selo	selenoprotein O	5.43E-01	NS	5.53E-03	1.2	2.37E-01	NS
A_64_P083905	NM_022958	65052	Pik3c3	phosphoinositide-3-kinase, class 3	1.97E-01	NS	2.73E-02	1.2	3.06E-01	NS
A_64_P015022	NM_031969	24242	Calm1	calmodulin 1	3.03E-01	NS	3.18E-02	1.2	2.19E-03	-1.5
A_44_P132533	NM_001105869	288003	Rfc4	replication factor C (activator 1) 4	5.73E-02	NS	4.67E-02	1.2	3.65E-01	NS
A_44_P107634	NM_001013995	305882	Haus4	HAUS augmin-like complex, subunit 4	2.25E-01	NS	7.20E-03	1.2	1.63E-01	NS
A_44_P363647	NM_001134979	312299	Ezh2	enhancer of zeste homolog 2 (Drosophila)	8.87E-02	NS	4.95E-02	1.2	2.51E-01	NS
A_44_P296924	NM_181478	353252	Rdh10	retinol dehydrogenase 10 (all-trans) processing of precursor 4, ribonuclease P/MRP subunit (S. cerevisiae)	2.55E-01	NS	4.92E-02	1.2	2.40E-01	NS
A_64_P140040	NM_001009642	292831	Pop4	P/MRP subunit (S. cerevisiae)	2.13E-01	NS	2.12E-02	1.2	5.73E-01	NS
A_44_P173935	NM_001170586	100322884	Sdccag1	serologically defined colon cancer antigen 1	1.26E-01	NS	1.43E-02	1.2	6.10E-01	NS
A_64_P138281	NM_001008366	361416	Cenpn	centromere protein N	5.36E-02	NS	3.38E-02	1.2	7.35E-01	NS
A_43_P17605	NM_001106138	291539	Psmg2	proteasome (prosome, macropain) assembly chaperone 2	8.01E-02	NS	1.86E-02	1.2	9.74E-02	NS
A_64_P025217	NM_001106076	290659	Cope	coatomer protein complex, subunit epsilon	1.40E-01	NS	8.04E-03	1.2	6.27E-01	NS
A_64_P005203	XM_001075013	365408	Ms4a15	A, member 15	9.31E-01	NS	3.41E-02	1.2	5.56E-01	NS
A_64_P015479	NM_001107146	304528	Rfc5	replication factor C (activator 1) 5	5.13E-02	NS	2.53E-02	1.2	3.57E-01	NS
A_64_P023995	NM_001108953	366029	Zbtb6	zinc finger and BTB domain containing 6	2.12E-01	NS	3.39E-02	1.2	1.55E-01	NS
A_44_P1043145	NM_001007145	307505	Ctnna1	catenin (cadherin associated protein), alpha 1	8.02E-01	NS	2.94E-03	1.2	3.67E-01	NS
A_64_P377855	XM_002729125	685374	Ankr13c	ankyrin repeat domain 13C family with sequence similarity 173, member A	1.39E-01	NS	2.99E-02	1.2	1.96E-02	-1.6
A_42_P713737	NM_001127447	287150	Fam173a	family with sequence similarity 173, member A	8.68E-02	NS	1.10E-02	1.2	9.78E-01	NS
A_64_P166385	NM_001005878	294286	Kifc1	kinesin family member C1	7.13E-01	NS	1.87E-02	1.2	5.78E-02	NS
A_44_P809032	NM_001109263	500527	RGD1566001	similar to DNA segment, Chr 4, Brigham & Womens Genetics 0951 expressed	1.02E-01	NS	2.71E-02	1.2	1.12E-02	-1.9
A_44_P119435	NM_001013092	298400	Creb3	cAMP responsive element binding protein 3	1.12E-01	NS	1.32E-02	1.2	3.18E-01	NS
A_64_P064858	XM_001068456	684006	LOC684006	similar to zinc finger protein 617	2.72E-01	NS	2.65E-02	1.2	7.41E-01	NS
A_44_P338381	XM_001060172	312166	Cadps2	Ca++-dependent secretion activator 2	1.31E-01	NS	3.33E-02	1.2	1.08E-01	NS
A_64_P096239	XM_002727303				9.23E-02	NS	3.86E-02	1.2	1.98E-01	NS
A_42_P799306	BC088314	300442	Ccdc159	coiled-coil domain containing 159	2.20E-01	NS	4.65E-02	1.2	2.32E-01	NS
A_44_P187640	NM_001109024	368190	Dnajc30	DnaJ (Hsp40) homolog, subfamily C, member 30	7.17E-01	NS	4.70E-02	1.2	2.57E-01	NS
A_64_P003261	NM_001134762	501088	Tbc1d5	TBC1 domain family, member 5	2.85E-01	NS	4.49E-02	1.2	1.74E-01	NS
A_64_P058148	XM_002726605				6.14E-01	NS	4.39E-02	1.2	6.46E-02	NS
A_64_P061596	NM_001106415	294787	Nipbl	Nipped-B homolog (Drosophila)	1.69E-01	NS	3.12E-02	1.2	1.17E-01	NS
A_64_P071263	XM_223435				2.16E-01	NS	4.14E-02	1.2	1.29E-01	NS
A_44_P1011008	XM_001060853	302526	Atp6ap2	ATPase, H+ transporting, lysosomal accessory protein 2	2.47E-01	NS	1.08E-02	1.2	9.14E-01	NS
A_44_P184955	XM_001066026	293148	C2cd3	C2 calcium-dependent domain containing 3	4.53E-01	NS	1.29E-02	1.2	7.92E-01	NS
A_44_P341801	NM_172039	64474	Hdlbp	high density lipoprotein binding protein	3.54E-01	NS	7.28E-03	1.2	2.68E-01	NS
A_43_P19657	NM_001107903	312946	Tmem68	transmembrane protein 68	3.34E-01	NS	4.40E-02	1.2	1.40E-01	NS
A_43_P18736	XM_342224				5.84E-01	NS	1.55E-02	1.2	4.17E-01	NS
A_64_P142675	NM_001130569	362971	Mpped1	metallophosphoesterase domain containing 1	1.36E-01	NS	2.92E-02	1.2	3.72E-01	NS

A_42_P809869	NM_012808	25274	Tst	thiosulfate sulfurtransferase	6.67E-01	NS	4.23E-02	1.2	3.81E-01	NS
A_44_P347325	NM_001005547	300733	Tspan3	tetraspanin 3	5.45E-01	NS	3.55E-03	1.2	3.06E-01	NS
A_64_P044420	NM_001134983	499929	RGD1564927	similar to TGFB-induced factor 2	4.97E-01	NS	2.89E-02	1.2	7.68E-01	NS
A_44_P168112	NM_001007608	287280	Skp1	S-phase kinase-associated protein 1	8.51E-02	NS	4.40E-02	1.2	1.87E-01	NS
A_44_P304043	NM_153303	266606	Dyt1	dystonia 1	2.44E-01	NS	1.43E-02	1.2	4.75E-01	NS
A_64_P089091	NM_001025625	287155	Stub1	protein 1	6.20E-02	NS	9.11E-03	1.2	2.05E-01	NS
A_64_P087748	NM_001106853	300989	Hemk1	HemK methyltransferase family member 1	9.33E-02	NS	3.09E-03	1.2	7.91E-01	NS
A_64_P081183	NM_199383	298312	Yipf1	Yip1 domain family, member 1	9.35E-02	NS	4.60E-02	1.2	4.01E-02	-1.7
A_44_P298210	NM_022277	64044	Casp8	caspase 8	6.85E-01	NS	3.40E-02	1.2	7.51E-02	NS
A_44_P407849	NM_001106506	296136	Nphp1	nephronophthisis 1 (juvenile) homolog (human)	2.10E-01	NS	3.84E-03	1.2	3.57E-01	NS
A_42_P487031	NM_001009539	494342	B4galt3	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 3	5.97E-02	NS	3.91E-02	1.2	4.00E-02	-1.8
A_42_P798776	XM_002725203	100364957	LOC100364957	RGD1560755 protein-like	1.81E-01	NS	3.46E-02	1.2	3.43E-01	NS
A_64_P086635	XM_575954	500585	RGD1561413	similar to BC021442 protein	5.24E-01	NS	4.40E-02	1.2	6.36E-02	NS
A_64_P115147	NM_017213	29479	Odf2	outer dense fiber of sperm tails 2 required for meiotic nuclear division 5	6.61E-02	NS	2.37E-02	1.2	7.74E-01	NS
A_44_P246311	NM_001017473	497900	Rmnd5b	homolog B (S. cerevisiae)	2.20E-01	NS	4.85E-03	1.2	1.94E-01	NS
A_44_P245101	NM_001006987	300791	Spg21	spastic paraplegia 21 homolog (human)	4.58E-01	NS	2.95E-02	1.2	9.91E-01	NS
A_64_P120529	NM_001108147	315666	Npat	nuclear protein, ataxia-telangiectasia locus	5.69E-02	NS	2.79E-02	1.2	1.10E-01	NS
A_64_P016503	XM_001069712				4.79E-01	NS	4.37E-02	1.2	3.10E-01	NS
A_44_P342750	NM_001134466	299828	Xrcc6bp1	XRCC6 binding protein 1	1.51E-01	NS	4.76E-02	1.2	9.29E-02	NS
A_64_P057575	XM_001057159	499957	Samd10	sterile alpha motif domain containing 10	2.95E-01	NS	1.24E-02	1.2	5.89E-01	NS
A_64_P163812	XR_007941				5.17E-02	NS	1.18E-02	1.2	5.85E-01	NS
A_64_P124126	XM_001075615	690785	LOC690785	hypothetical protein LOC690785	8.17E-02	NS	3.93E-02	1.2	1.06E-02	-1.7
A_64_P016970	NM_017101	25518	Ppia	peptidylprolyl isomerase A (cyclophilin A)	2.10E-01	NS	2.03E-02	1.2	2.06E-02	-1.4
A_44_P482796	XM_001061408				1.64E-01	NS	1.72E-02	1.2	2.81E-01	NS
A_64_P014000	NM_134398	171435	Aagab	alpha- and gamma-adaptin binding protein	8.72E-01	NS	7.47E-03	1.2	2.97E-01	NS
A_44_P441039	NM_001107955	313491	Hint2	histidine triad nucleotide binding protein 2 similar to chromosome 1 open reading frame 63	5.03E-02	NS	7.23E-03	1.2	3.99E-02	-1.5
A_64_P054193	NM_001014193	362626	RGD1359529	frame 63	2.27E-01	NS	3.68E-02	1.2	4.60E-01	NS
A_44_P553017	FQ211507	192357	Gmpr2	guanosine monophosphate reductase 2	9.85E-02	NS	4.37E-03	1.2	3.98E-01	NS
A_43_P21117	NM_001107143	304512	Rbm19	RNA binding motif protein 19	7.27E-01	NS	3.75E-02	1.2	3.44E-01	NS
A_64_P110971	NM_001014106	499328	Rfk	riboflavin kinase	3.32E-01	NS	4.99E-02	1.2	1.65E-02	-1.6
A_42_P714075	NM_031723	65166	Sec11a	SEC11 homolog A (S. cerevisiae)	7.10E-02	NS	3.57E-02	1.2	2.76E-01	NS
A_42_P540908	NM_001100505	288919	Asna1	homolog 1 (bacterial)	9.43E-01	NS	1.93E-02	1.2	1.38E-01	NS
A_64_P042736	NM_001127373	307236	Adnp2	ADNP homeobox 2	8.13E-01	NS	2.80E-02	1.2	6.74E-01	NS
A_44_P543548	NM_057119	117259	Tra2b	transformer 2 beta homolog (Drosophila)	1.30E-01	NS	3.60E-02	1.2	6.99E-01	NS
A_44_P945759	NM_001025770	500069	Tsga14	testis specific, 14	7.36E-02	NS	3.73E-02	1.2	6.75E-01	NS
A_44_P217785	XM_226606	294595	Ttc37	tetratricopeptide repeat domain 37	5.52E-01	NS	2.33E-02	1.2	1.79E-01	NS
A_64_P154595	NM_001080207	497984	Znf652	zinc finger protein 652	3.00E-01	NS	1.81E-02	1.2	2.50E-01	NS
A_64_P052435	XM_001075102	361988	Ints3	integrator complex subunit 3 polymerase (RNA) III (DNA directed)	9.94E-01	NS	6.49E-03	1.2	5.75E-01	NS
A_44_P335656	XM_343188	362858	Polr3b	polypeptide B	3.44E-01	NS	3.93E-02	1.2	4.88E-02	1.7
A_42_P812805	NM_001106215	292401	Smoc2	SPARC related modular calcium binding 2	1.36E-01	NS	2.35E-02	1.2	1.75E-02	-2.2
A_64_P123438	NM_001167806	303790	Smpd4	sphingomyelin phosphodiesterase 4	2.76E-01	NS	7.41E-03	1.2	1.50E-01	NS
A_44_P271842	NM_001107468	308236	Zfp53	zinc finger protein 53	2.58E-01	NS	2.07E-02	1.2	1.15E-01	NS
A_44_P502793	NM_001009714	363219	Mitd1	MIT, microtubule interacting and transport, domain containing 1	2.81E-01	NS	3.96E-02	1.2	4.04E-01	NS
A_64_P015227	NM_001107779	311441	Trmt6	tRNA methyltransferase 6 homolog (S. cerevisiae)	4.04E-01	NS	2.21E-02	1.2	6.94E-02	NS
A_44_P1037041	NM_001107909	313022	Map3k6	mitogen-activated protein kinase kinase kinase 6	1.16E-01	NS	1.67E-02	1.2	5.45E-01	NS
A_64_P073208	NM_198737	293551	Arl6ip1	ADP-ribosylation factor-like 6 interacting protein 1	1.32E-01	NS	4.66E-02	1.2	7.07E-01	NS
A_44_P438442	XM_001069431				4.49E-01	NS	6.95E-03	1.2	4.40E-01	NS
A_44_P389688	NM_001107057	303602	Dcaf7	DDB1 and CUL4 associated factor 7	6.46E-01	NS	1.70E-03	1.2	3.93E-02	-1.3
A_44_P328283	XM_219706	309256	Mtmr15	myotubularin related protein 15	3.66E-01	NS	2.68E-02	1.2	9.41E-01	NS

A_64_P058353	NM_017101	25518	Ppia	peptidylprolyl isomerase A (cyclophilin A)	7.96E-02	NS	1.14E-02	1.2	6.43E-01	NS
A_64_P061730	NM_001107263	305887	Ngdn	neuroguidin, EIF4E binding protein	3.16E-01	NS	8.17E-03	1.2	5.70E-01	NS
A_42_P537715	NM_001025743	363064	Wdr61	WD repeat domain 61	1.77E-01	NS	3.16E-02	1.2	6.07E-01	NS
A_64_P026581	XM_001060456				3.72E-01	NS	8.51E-03	1.2	7.25E-01	NS
A_44_P286273	XM_001067187	683719	LOC683719	similar to RAS and EF hand domain containing	8.00E-01	NS	3.76E-02	1.2	1.63E-01	NS
A_44_P189837	NM_001108402	361185	Carkd	carbohydrate kinase domain containing	3.54E-01	NS	4.07E-02	1.2	8.05E-01	NS
A_64_P085803	AY383695				4.89E-01	NS	2.58E-02	1.2	2.61E-01	NS
A_64_P019002	NM_001039006	293023	Klh25	kelch-like 25 (Drosophila)	7.45E-02	NS	2.95E-02	1.2	7.52E-02	NS
A_44_P975437	NM_001012022	304407	Cldn4	claudin 4	7.04E-01	NS	2.77E-02	1.2	3.81E-02	-2.7
A_44_P991682	NM_001106581	296849	Pdk3	pyruvate dehydrogenase kinase, isozyme 3	4.59E-01	NS	5.05E-03	1.2	6.03E-01	NS
A_43_P20449	XM_001060521	360495	Lmf1	lipase maturation factor 1	6.01E-01	NS	3.43E-02	1.2	3.66E-01	NS
A_42_P667148	NM_057194	117540	Plscr1	phospholipid scramblase 1	3.07E-01	NS	3.14E-02	1.2	4.80E-02	-1.8
A_64_P081198	NM_001025747	363476	Yipf6	Yip1 domain family, member 6	2.21E-01	NS	1.97E-02	1.2	6.68E-01	NS
A_64_P015946	NM_001009720	494445	Sfrs2	splicing factor, arginine/serine-rich 2	1.13E-01	NS	1.74E-02	1.2	9.92E-01	NS
A_42_P548520	NM_001100834	294504	Ppa1	pyrophosphatase (inorganic) 1	1.81E-01	NS	1.61E-02	1.2	1.77E-02	1.3
A_44_P494741	NM_001134762	501088	Tbc1d5	TBC1 domain family, member 5	2.08E-01	NS	1.17E-02	1.2	6.93E-01	NS
A_64_P039308	XM_001065811	252962	Phtf1	putative homeodomain transcription factor 1	1.64E-01	NS	5.59E-03	1.2	9.28E-01	NS
A_64_P144913	NM_001134874	314910	Nab2	Ngfi-A binding protein 2	1.40E-01	NS	1.02E-02	1.2	1.48E-01	NS
A_44_P789473	BF555532				4.52E-01	NS	5.80E-03	1.2	7.96E-02	NS
A_64_P087801	NM_053635	114093	St14	suppression of tumorigenicity 14 (colon carcinoma)	6.63E-02	NS	3.60E-02	1.2	6.34E-02	NS
A_44_P217604	NM_031058	81709	Msh2	mutS homolog 2 (E. coli)	7.04E-01	NS	3.03E-03	1.2	1.08E-01	NS
A_42_P538334	XM_001062546	361111	Snhg8	small nucleolar RNA host gene (non-protein coding) 8	8.62E-02	NS	2.31E-02	1.2	9.60E-02	NS
A_44_P436352	NM_001106945	302422	Pdzd11	PDZ domain containing 11	2.29E-01	NS	2.88E-02	1.2	1.23E-01	NS
A_42_P492195	NM_172334	282837	Fibp	fibroblast growth factor (acidic) intracellular binding protein	5.85E-01	NS	3.21E-03	1.2	3.27E-01	NS
A_42_P502590	NM_001107424	307811	Slc7a6	solute carrier family 7 (cationic amino acid transporter, y+ system), member 6	2.15E-01	NS	6.45E-03	1.2	1.83E-02	1.6
A_44_P228891	NM_024132	29347	Faah	fatty acid amide hydrolase	9.50E-01	NS	4.52E-02	1.2	8.61E-01	NS
A_64_P078469	NM_001025414	307492	Hars	histidyl-tRNA synthetase	4.74E-01	NS	6.21E-03	1.2	5.37E-02	NS
A_64_P164315	XR_086347	367311	Arl4c	ADP-ribosylation factor-like 4C	6.43E-01	NS	9.22E-03	1.2	6.72E-03	-1.5
A_44_P699502	NM_001127591	687105	LOC687105	hypothetical protein LOC687105	7.32E-02	NS	1.05E-02	1.2	9.62E-02	NS
A_64_P129618	NM_001017459	314859	Mdm1	Mdm1 nuclear protein homolog (mouse)	1.18E-01	NS	4.07E-02	1.2	2.01E-02	2.2
A_64_P050293	NM_001108793	363213	Ccdc115	coiled-coil domain containing 115	2.34E-01	NS	2.29E-02	1.2	2.18E-01	NS
A_64_P035062	NM_022931	65025	Rims3	regulating synaptic membrane exocytosis 3	7.10E-01	NS	3.60E-02	1.2	3.14E-01	NS
A_64_P025007	NM_001134873	313560	Ctps	CTP synthase	6.20E-02	NS	3.76E-02	1.2	7.05E-01	NS
A_44_P885445	NM_001109435	681096	Fam55c	family with sequence similarity 55, member C	1.92E-01	NS	1.88E-02	1.2	6.92E-01	NS
A_43_P17681	NM_001012143	360665	Jmjd6	jumonji domain containing 6	9.00E-01	NS	1.01E-02	1.2	1.83E-01	NS
A_64_P023431	NM_001108651	362454	Hebp1	heme binding protein 1	9.49E-02	NS	1.35E-02	1.2	1.33E-01	NS
A_64_P153671	NM_001106949	302492	Mbnl3	muscleblind-like 3 (Drosophila)	5.09E-02	NS	3.06E-02	1.2	5.63E-01	NS
A_43_P13536	NM_001108117	315345	Copz1	coatamer protein complex, subunit zeta 1	9.45E-01	NS	6.48E-03	1.2	6.41E-01	NS
A_64_P002695	NM_001104613	362361	Hnmpa2b1	heterogeneous nuclear ribonucleoprotein A2/B1	1.11E-01	NS	2.70E-02	1.2	1.02E-01	NS
A_44_P318846	NM_001108867	364382	Prmt5	protein arginine methyltransferase 5	5.94E-01	NS	9.19E-03	1.2	1.78E-01	NS
A_64_P046027	NM_001013135	306322	Sdccag3	serologically defined colon cancer antigen 3	6.16E-01	NS	1.80E-03	1.2	4.62E-01	NS
A_43_P16427	XM_001055542				2.31E-01	NS	4.57E-02	1.2	9.77E-01	NS
A_64_P004998	NM_024147	79115	Evl	Enah/Vasp-like	2.44E-01	NS	2.53E-02	1.2	4.89E-01	NS
A_64_P012759	NM_021774	60398	Fhit	fragile histidine triad gene	1.87E-01	NS	4.66E-03	1.2	2.71E-02	-1.7
A_64_P144794	NM_053301	29199	Hfe	hemochromatosis	8.60E-01	NS	8.95E-03	1.2	6.45E-01	NS
A_64_P146762	XM_001073169	686264	LOC686264	similar to Probable ATP-dependent RNA helicase DDX27 (DEAD box protein 27)	4.37E-01	NS	4.09E-02	1.2	8.59E-01	NS
A_44_P450562	NM_001127522	287827	Armc7	armadillo repeat containing 7	5.22E-02	NS	2.41E-02	1.2	4.38E-01	NS
A_44_P135678	NM_001107795	311575	Phf20	PHD finger protein 20	1.96E-01	NS	3.83E-03	1.2	7.63E-01	NS

A_64_P040966	XR_008086				6.56E-02	NS	4.52E-03	1.2	3.50E-01	NS
A_44_P459660	XM_001053657	317308	Zfp36l3	zinc finger protein 36, C3H type-like 3	1.51E-01	NS	2.26E-02	1.2	3.55E-01	NS
A_64_P100023	XM_001072887	690005	Zcchc3	zinc finger, CCHC domain containing 3	6.59E-01	NS	1.67E-02	1.2	5.54E-01	NS
A_44_P165938	NM_001025125	360800	Sumf2	sulfatase modifying factor 2	1.61E-01	NS	4.29E-03	1.2	7.99E-01	NS
A_64_P246679	NM_001007678	304807	Hibf	RAB interacting factor	9.63E-01	NS	2.00E-02	1.2	8.99E-02	NS
A_44_P1043208	NM_001108174	315871	Snx14	sorting nexin 14	1.72E-01	NS	5.00E-02	1.2	1.63E-01	NS
				similar to DnaJ (Hsp40) homolog, subfamily						
A_44_P126613	NM_001109541	689593	LOC689593	B, member 10 isoform 2	1.44E-01	NS	2.72E-02	1.2	3.78E-01	NS
A_44_P262994	NM_001108167	315820	Myo5c	myosin VC	9.55E-01	NS	3.21E-02	1.2	6.48E-01	NS
A_42_P658562	NM_001134416	290679	Ints10	integrator complex subunit 10	1.54E-01	NS	6.25E-03	1.2	6.42E-02	NS
A_43_P15805	AB015645	252859	Trhr2	thyrotropin releasing hormone receptor 2	4.98E-01	NS	4.95E-02	1.2	2.43E-01	NS
A_44_P456968	NM_001107547	308944	St5	suppression of tumorigenicity 5	2.18E-01	NS	4.71E-02	1.2	8.61E-01	NS
				nucleotide-binding oligomerization domain						
				containing 1	6.15E-01	NS	1.13E-02	1.2	4.31E-01	NS
A_64_P084188	NM_001109236	500133	Nod1	tripartite motif-containing 37	7.21E-01	NS	6.27E-03	1.2	3.63E-01	NS
A_44_P133650	NM_001108288	360592	Trim37	similar to hypothetical protein						
A_64_P151679	XM_001077456	366005	RGD1562874	DKFZp434E1818.1 - human (fragment)	8.73E-02	NS	2.32E-02	1.2	5.02E-02	NS
A_64_P029242	NM_001106498	296078	Pak6	p21 protein (Cdc42/Rac)-activated kinase 6	8.90E-01	NS	2.45E-02	1.2	9.36E-01	NS
				similar to Adaptor-related protein complex						
A_44_P258674	NM_001108996	367038	RGD1561490	1, mu 2 subunit (AP1M2)	6.02E-02	NS	1.57E-02	1.2	2.52E-01	NS
A_64_P150047	NM_001109535	689377	Rab20	RAB20, member RAS oncogene family	7.67E-02	NS	1.20E-02	1.2	7.70E-01	NS
A_43_P10754	NM_001107789	311545	H13	histocompatibility 13	5.25E-01	NS	1.44E-02	1.2	9.51E-01	NS
A_42_P523070	NM_001039019	303575	Kif18b	kinesin family member 18B	5.25E-02	NS	5.92E-03	1.2	3.27E-01	NS
				SEC22 vesicle trafficking protein homolog A						
				(S. cerevisiae)	3.05E-01	NS	1.86E-02	1.2	7.31E-01	NS
A_43_P13046	NM_057147	117513	Sec22a		2.26E-01	NS	5.58E-03	1.2	4.83E-01	NS
A_64_P061589	XM_242940				4.09E-01	NS	3.02E-02	1.2	8.30E-01	NS
A_44_P433721	NM_001014004	306586	Amt	aminomethyltransferase						
				achalasia, adrenocortical insufficiency,	4.92E-01	NS	2.11E-02	1.2	9.22E-03	1.7
A_42_P643574	NM_001106795	300259	Aaas	alacrimia (Allgrove, triple-A)	2.16E-01	NS	8.82E-03	1.2	3.44E-01	NS
A_42_P658552	NM_053783	116465	lfng1	interferon gamma receptor 1						
				similar to high mobility group nucleosomal	2.49E-01	NS	2.36E-02	1.2	9.09E-01	NS
A_64_P091460	XM_001079135	691642	LOC691642	binding domain 1	3.26E-01	NS	2.45E-02	1.2	2.39E-01	NS
A_42_P634156	FQ220776				4.28E-01	NS	3.93E-02	1.2	3.56E-01	NS
A_44_P482346	NM_017318	50646	Ptk2b	PTK2B protein tyrosine kinase 2 beta						
				solute carrier family 31 (copper	1.46E-01	NS	3.94E-02	1.2	6.48E-02	NS
				transporters), member 2	1.20E-01	NS	7.70E-03	1.2	1.77E-01	NS
A_44_P222726	NM_001033693	298091	Slc31a2		1.51E-01	NS	1.31E-02	1.2	6.90E-01	NS
A_64_P015558	XM_235966				2.30E-01	NS	2.47E-02	1.2	6.71E-01	NS
A_44_P544063	NM_001012007	303090	Irgm	immunity-related GTPase family, M	2.27E-01	NS	8.40E-03	1.2	4.85E-02	1.9
A_64_P008047	NM_001033670	24888	Bcl2l1	Bcl2-like 1	6.82E-02	NS	9.26E-03	1.2	8.13E-01	NS
A_64_P147504	XM_001075318	362737	Heatr5a	HEAT repeat containing 5A	9.03E-01	NS	4.97E-02	1.2	2.32E-01	NS
A_64_P162665	NM_001025668	304928	RGD1306783	similar to 2810422O20Rik protein	4.90E-01	NS	7.30E-03	1.2	7.48E-01	NS
A_44_P1039634	NM_001108924	365387	Odf3	outer dense fiber of sperm tails 3	4.63E-01	NS	4.42E-02	1.2	7.01E-01	NS
A_44_P489273	NM_001001518	408199	Sucnr1	succinate receptor 1						
A_43_P21414	NM_001109505	688555	Atg10	autophagy-related 10 (S. cerevisiae)	4.91E-01	NS	4.96E-02	1.2	8.99E-01	NS
				pleckstrin homology domain containing,	2.22E-01	NS	4.50E-02	1.2	8.82E-02	NS
				family F (with FYVE domain) member 2						
A_64_P000859	NM_001108655	362484	Plekhh2	Niemann-Pick disease, type C2	2.09E-01	NS	1.46E-02	1.2	1.83E-01	NS
A_44_P139742	NM_173118	286898	Npc2	ubiquitin specific peptidase 5 (isopeptidase						
				T)						
A_44_P466608	NM_001106619	297593	Usp5	asparagine-linked glycosylation 12						
				homolog (yeast, alpha-1,6-	9.59E-01	NS	1.84E-02	1.2	5.64E-01	NS
				mannosyltransferase)	1.90E-01	NS	2.39E-02	1.2	9.36E-01	NS
A_43_P21419	NM_001108104	315212	Alg12	erythrocyte protein band 4.1-like 5						
A_64_P014371	NM_001012023	304733	Epb4.115	GA binding protein transcription factor, beta	3.47E-01	NS	4.05E-02	1.2	7.06E-02	NS
				subunit 2						
A_64_P137056	XM_001055604	295263	Gabpb2	phosphatidylinositol glycan anchor						
				biosynthesis, class O	2.07E-01	NS	1.41E-02	1.2	7.96E-01	NS
A_64_P010788	XM_001069442	313341	Pigo		3.85E-01	NS	2.93E-02	1.2	9.93E-01	NS
A_64_P156198	NM_001001361	288808	Olr903	olfactory receptor 903						

A_44_P105163	NM_001143858	309081	Dock1	dedicator of cyto-kinesis 1	9.51E-02	NS	4.39E-02	1.2	3.30E-01	NS
A_64_P052096	XM_001069739	689147	LOC689147	hypothetical protein LOC689147	2.55E-01	NS	4.87E-02	1.2	9.33E-01	NS
A_64_P135112	XM_001077978				4.72E-01	NS	2.32E-02	1.2	9.56E-01	NS
A_42_P709423	NM_001012135	316620	Mlph	melanophilin	6.03E-01	NS	1.53E-02	1.2	1.20E-01	NS
A_44_P395538	NM_030585	80754	Rabep2	rabaptin, RAB GTPase binding effector protein 2	8.14E-02	NS	1.60E-02	1.2	4.02E-02	-1.6
A_64_P058937	NM_001106421	294900	Tpd52	tumor protein D52	8.54E-01	NS	4.63E-02	1.2	7.64E-01	NS
A_64_P109643	NM_001013238	365548	Pttg1ip	pituitary tumor-transforming 1 interacting protein	2.39E-01	NS	4.08E-02	1.2	7.10E-01	NS
A_44_P401858	NM_057212	117582	Tmem158	transmembrane protein 158	2.04E-01	NS	9.84E-03	1.2	1.84E-01	NS
A_44_P461551	NM_001011902	288585	Rab15	RAB, member RAS oncogene family-like 5	1.34E-01	NS	3.75E-02	1.2	1.30E-01	NS
A_64_P130922	XR_008816	297823	RGD1310592	similar to RIKEN cDNA 2810013E07	1.04E-01	NS	3.19E-02	1.2	3.20E-01	NS
A_42_P701582	NM_053293	25260	Gstt1	glutathione S-transferase theta 1	8.62E-02	NS	2.79E-02	1.2	1.05E-01	NS
A_44_P578654	NM_001024326	500088	Rab19	RAB19, member RAS oncogene family	1.31E-01	NS	1.80E-02	1.2	1.46E-01	NS
A_64_P162560	XM_216557	298594	Rcc2	regulator of chromosome condensation 2	1.27E-01	NS	2.40E-02	1.2	1.29E-01	NS
A_64_P099724	XM_342228	361929	Atp11b	ATPase, class VI, type 11B	1.36E-01	NS	3.43E-02	1.2	1.96E-01	NS
A_64_P010653	NM_001013126	304805	Cyb5r1	cytochrome b5 reductase 1	5.79E-01	NS	3.91E-02	1.2	6.99E-01	NS
A_44_P409797	NM_031729	65179	Ppp5c	protein phosphatase 5, catalytic subunit	1.40E-01	NS	2.97E-03	1.3	8.34E-02	NS
A_44_P420503	NM_001008872	408229	Slp1i2	antileukoproteinase-like 2	7.65E-01	NS	3.78E-02	1.3	2.58E-01	NS
A_44_P791108	NM_001014070	313672	LOC313672	kazrin	6.60E-01	NS	3.53E-02	1.3	2.94E-01	NS
A_64_P108210	XM_001053570	679578	LOC679578	similar to Protein C18orf1	6.36E-02	NS	1.01E-02	1.3	2.04E-01	NS
A_44_P253479	NM_001007672	303356	Tmem98	transmembrane protein 98	9.73E-01	NS	1.30E-02	1.3	1.05E-01	NS
A_44_P408165	NM_001024992	303332	Tmem199	transmembrane protein 199	9.55E-01	NS	8.18E-03	1.3	9.64E-02	NS
A_44_P143472	XM_001065923	362438	Ncapd2	non-SMC condensin I complex, subunit D2 BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB (S. cerevisiae)	3.79E-01	NS	3.43E-02	1.3	5.84E-02	NS
A_42_P742797	NM_001106761	299347	Brf1		6.20E-02	NS	7.18E-03	1.3	1.40E-01	NS
A_42_P493925	NM_198785	362636	Usp48	ubiquitin specific peptidase 48	1.32E-01	NS	4.09E-02	1.3	5.84E-01	NS
A_42_P777268	XM_001072925	315409	RGD1563556	similar to mKIAA1377 protein	1.34E-01	NS	3.58E-02	1.3	1.59E-01	NS
A_42_P742084	NM_001010965	362787	Rage	renal tumor antigen	1.39E-01	NS	6.63E-03	1.3	4.73E-01	NS
A_44_P1029892	NM_001108790	363206	Tmem14a	transmembrane protein 14A	8.55E-02	NS	1.87E-02	1.3	8.09E-02	NS
A_42_P544601	NM_012515	24230	Tspo	translocator protein	1.25E-01	NS	3.52E-02	1.3	1.53E-02	-1.6
A_64_P062288	NM_001034138	303037	Ccdc99	coiled-coil domain containing 99	5.21E-02	NS	2.12E-02	1.3	6.62E-01	NS
A_44_P306602	NM_012591	24508	Irf1	interferon regulatory factor 1 LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae)	2.36E-01	NS	1.31E-02	1.3	1.18E-01	NS
A_64_P008947	NM_001107289	306222	Lsm5		2.23E-01	NS	4.58E-02	1.3	8.75E-01	NS
A_44_P352113	NM_001108751	363001	Bcdin3d	BCDIN3 domain containing	7.18E-01	NS	6.42E-03	1.3	6.96E-01	NS
A_64_P054735	NM_001033670	24888	Bcl2l1	Bcl2-like 1	2.39E-01	NS	1.44E-02	1.3	9.95E-01	NS
A_64_P081078	NM_138904	192268	Gls2	glutaminase 2 (liver, mitochondrial)	1.27E-01	NS	1.15E-02	1.3	2.75E-02	-2.1
A_44_P928419	XM_002726504				3.11E-01	NS	3.59E-02	1.3	1.29E-01	NS
A_42_P744033	NM_001100846	309255	Mtmr10	myotubularin related protein 10 phosphatidic acid phosphatase type 2 domain containing 1B	3.82E-01	NS	9.76E-04	1.3	3.99E-01	NS
A_44_P457099	NM_001109411	680466	Ppapdc1b	ATPase, Na+/K+ transporting, beta 1 polypeptide	8.51E-02	NS	1.65E-02	1.3	8.81E-01	NS
A_44_P435604	NM_013113	25650	Atp1b1		6.58E-02	NS	2.35E-02	1.3	9.39E-02	NS
A_64_P118762	NM_030870	81528	Ogg1	8-oxoguanine DNA glycosylase	8.97E-01	NS	2.22E-02	1.3	2.53E-01	NS
A_44_P532352	NM_0011127555	363520	Irak1	interleukin-1 receptor-associated kinase 1	6.69E-01	NS	1.27E-02	1.3	5.07E-01	NS
A_44_P1040503	AF040261	29510	Pctp	phosphatidylcholine transfer protein	8.38E-02	NS	2.06E-02	1.3	3.25E-01	NS
A_44_P452936	BC168919				8.26E-01	NS	3.45E-03	1.3	4.86E-02	1.4
A_43_P10466	NM_001025689	311078	Psm14	proteasome (prosome, macropain) 26S subunit, non-ATPase, 14	7.30E-02	NS	8.98E-03	1.3	7.51E-02	NS
A_64_P154104	NM_001108524	361755	Aldh18a1	aldehyde dehydrogenase 18 family, member A1 Cas-Br-M (murine) ecotropic retroviral transforming sequence c	1.64E-01	NS	2.41E-02	1.3	5.09E-01	NS
A_44_P456923	NM_001034920	292699	Cblc		9.35E-01	NS	2.73E-02	1.3	2.15E-01	NS
A_44_P163242	NM_138541	171577	Epcam	epithelial cell adhesion molecule	2.11E-01	NS	3.19E-02	1.3	1.98E-01	NS
A_44_P151744	NM_001134763	81917	Hip1r	huntingtin interacting protein 1 related	2.71E-01	NS	1.41E-02	1.3	2.66E-01	NS
A_64_P041507	NM_001105973	289237	Slamf8	SLAM family member 8	4.23E-01	NS	2.54E-02	1.3	2.56E-01	NS
A_64_P148693	XR_008819				6.46E-02	NS	9.10E-03	1.3	9.68E-01	NS
A_64_P073378	NM_001025287	363076	Tipin	timeless interacting protein	1.01E-01	NS	3.41E-02	1.3	7.19E-01	NS

A_43_P19155	XM_002729506	313382	Inadl	InaD-like (Drosophila)	5.93E-01	NS	9.67E-03	1.3	4.59E-01	NS
A_43_P12529	NM_031126	81804	Stxbp2	syntaxin binding protein 2	9.16E-01	NS	1.18E-02	1.3	9.65E-01	NS
A_64_P160947	XM_001075705	686781	LOC686781	similar to NFKB interacting protein 1 eukaryotic translation initiation factor 2B, subunit 3 gamma	8.02E-02	NS	4.89E-02	1.3	1.41E-01	NS
A_44_P337088	NM_133609	171145	Eif2b3	subunit 3 gamma	1.79E-01	NS	4.00E-02	1.3	5.80E-02	NS
A_64_P019465	XM_001081058	299824	Tbc1d30	TBC1 domain family, member 30	2.80E-01	NS	1.37E-02	1.3	5.45E-01	NS
A_64_P146298	NM_001109535	689377	Rab20	RAB20, member RAS oncogene family	1.62E-01	NS	2.05E-02	1.3	1.28E-01	NS
A_44_P168184	NM_001166675	751812	Rasl2-9	RAS-like, family 2, locus 9	7.48E-01	NS	2.42E-02	1.3	8.03E-02	NS
A_64_P037963	NM_001044270	500929	Tuba1b	tubulin, alpha 1B	6.52E-02	NS	2.37E-02	1.3	5.87E-01	NS
A_64_P061464	NM_001106574	296733	RGD1306404	similar to mKIAA1402 protein	2.42E-01	NS	5.88E-03	1.3	1.00E+00	NS
A_42_P554066	NM_001044243	311468	Tasp1	taspase, threonine aspartase 1	3.47E-01	NS	5.03E-03	1.3	8.41E-01	NS
A_44_P643325	NM_001108753	363009	Uhrf1bp1l	UHRF1 binding protein 1-like	2.01E-01	NS	2.82E-02	1.3	4.94E-01	NS
A_44_P159305	XM_001055962	313111	Klh32	kelch-like 32 (Drosophila)	2.64E-01	NS	2.58E-02	1.3	7.98E-02	NS
A_64_P014723	NM_024351	24468	Hspa8	heat shock protein A8	3.19E-01	NS	1.93E-02	1.3	6.22E-02	NS
A_43_P18366	NM_001039197	311854	Tor1b	torsin family 1, member B	1.23E-01	NS	2.52E-03	1.3	9.17E-01	NS
A_44_P450471	NM_001130566	362944	Ppp1r16a	protein phosphatase 1, regulatory (inhibitor) subunit 16A	2.78E-01	NS	1.85E-02	1.3	6.81E-01	NS
A_43_P16393	NM_020305	57022	Adam4	a disintegrin and metalloprotease domain 4 phosphatidylinositol-5-phosphate 4-kinase, type II, gamma	3.51E-01	NS	6.14E-03	1.3	2.73E-01	NS
A_64_P136667	NM_080480	140607	Pip4k2c	guanine nucleotide binding protein (G protein), beta 5	9.15E-01	NS	1.77E-03	1.3	5.14E-01	NS
A_44_P233569	NM_031770	83579	Gnb5	HEAT repeat containing 1	4.98E-01	NS	3.18E-02	1.3	2.51E-01	NS
A_44_P288481	NM_001108418	361262	Heatr1	Bardet-Biedl syndrome 1	2.86E-01	NS	1.66E-02	1.3	2.10E-01	NS
A_64_P102423	NM_001107569	309156	Bbs1	similar to chromosome 1 open reading frame 172	2.26E-01	NS	2.25E-02	1.3	2.37E-01	NS
A_64_P125725	XR_085819			similar to squamous cell carcinoma antigen recognized by T-cells 1	1.83E-01	NS	3.05E-02	1.3	1.13E-01	NS
A_64_P164864	NM_001004268	313018	RGD1303271	similar to HMG-box transcription factor TCF-3	8.11E-02	NS	4.88E-03	1.3	7.09E-02	NS
A_64_P016163		367036	LOC367036	death-associated protein kinase 3	2.59E-01	NS	4.39E-03	1.3	2.03E-01	NS
A_64_P059317	XM_001057268	680457	LOC680457		3.66E-01	NS	3.23E-02	1.3	1.15E-01	NS
A_42_P834176	NM_022546	64391	Dapk3		1.85E-01	NS	8.08E-03	1.3	2.60E-01	NS
A_44_P354255	XM_214168				7.95E-02	NS	2.20E-02	1.3	1.58E-01	NS
A_64_P162940	XM_001073994				9.92E-01	NS	3.99E-02	1.3	8.34E-01	NS
A_43_P16541	NM_001106680	298443	Toe1	target of EGR1, member 1 (nuclear)	1.53E-01	NS	4.52E-02	1.3	3.22E-02	1.9
A_64_P089863	XM_243980				1.21E-01	NS	3.43E-03	1.3	1.06E-01	NS
A_64_P012982	NM_001108668	362530	Akna	AT-hook transcription factor	3.41E-01	NS	4.58E-03	1.3	2.01E-01	NS
A_64_P014115	NM_001108987	366826	Diras1	DIRAS family, GTP-binding RAS-like 1	2.08E-01	NS	1.28E-02	1.3	3.02E-01	NS
A_44_P667069	NM_001109434	681023	Qsox2	quiescin Q6 sulfhydryl oxidase 2	5.87E-02	NS	2.44E-02	1.3	1.54E-01	NS
A_44_P493005	NM_022858	64826	Foxq1	forkhead box Q1	1.94E-01	NS	4.36E-03	1.3	9.32E-01	NS
A_44_P274397	NM_001033700	310667	Lass2	LAG1 homolog, ceramide synthase 2	2.53E-01	NS	9.88E-03	1.3	5.14E-01	NS
A_44_P1040710	XM_002729636	100361845	LOC100361845	hypothetical protein LOC100361845	3.01E-01	NS	4.27E-02	1.3	2.26E-01	NS
A_44_P483888	XM_001060262				2.20E-01	NS	2.71E-02	1.3	9.13E-01	NS
A_64_P021606	NM_001009482	494192	Mycbpap	Mycbp associated protein similar to LSM5 homolog, U6 small nuclear RNA associated	1.84E-01	NS	3.34E-02	1.3	7.08E-02	NS
A_44_P557752	XM_001054331	679753	LOC679753	Rap guanine nucleotide exchange factor (GEF) 3	3.66E-01	NS	1.46E-02	1.3	8.58E-01	NS
A_43_P15424	NM_021690	59326	Rapgef3	DENN/MADD domain containing 2D	5.91E-01	NS	5.55E-03	1.3	7.95E-01	NS
A_42_P465144	NM_001107714	310772	Dennd2d	myosin Vb	1.03E-01	NS	3.78E-02	1.3	1.60E-01	NS
A_44_P339558	NM_017083	25132	Myo5b	CHK2 checkpoint homolog (S. pombe)	2.98E-01	NS	6.59E-03	1.3	4.67E-01	NS
A_42_P605265	NM_053677	114212	Chek2	per1-like domain containing 1	8.42E-02	NS	8.30E-03	1.3	7.37E-01	NS
A_44_P761492	NM_001143895	688174	Per1d1	centrosomal protein 135kDa	7.08E-02	NS	3.07E-03	1.3	5.98E-02	NS
A_44_P248162	XM_001076228	305288	Cep135	interleukin enhancer binding factor 2	1.34E-01	NS	1.61E-02	1.3	9.17E-02	NS
A_44_P419107	NM_001047886	310612	Ilf2	solute carrier family 39 (zinc transporter), member 7	2.67E-01	NS	2.72E-02	1.3	4.68E-01	NS
A_44_P286215	NM_001008885	294281	Slc39a7	cytochrome b-561	2.19E-01	NS	2.02E-02	1.3	6.08E-01	NS
A_42_P612977	NM_001107056	303601	Cyb561	zinc finger and BTB domain containing 6	7.76E-02	NS	3.94E-03	1.3	9.04E-02	NS
A_64_P023990	NM_001108953	366029	Zbtb6	syntaxin 3	5.28E-02	NS	2.61E-02	1.3	6.35E-01	NS
A_64_P132916	NM_031124	81802	Stx3		8.87E-01	NS	8.11E-03	1.3	3.06E-01	NS

A_64_P103813	XM_340974				1.56E-01	NS	3.93E-02	1.3	7.63E-02	NS
A_44_P360496	NM_199256	80843	Sec61a1	Sec61 alpha 1 subunit (<i>S. cerevisiae</i>)	8.16E-01	NS	4.74E-02	1.3	1.89E-01	NS
A_44_P1003343	NM_001014203	362994	Ccdc65	coiled-coil domain containing 65	1.39E-01	NS	5.24E-03	1.3	2.23E-01	NS
A_44_P242938	NM_144743	246252	Ces6	carboxylesterase 6	2.29E-01	NS	3.66E-02	1.3	5.82E-01	NS
A_43_P18735	NM_001030030	298916	Cpsf3	cleavage and polyadenylation specificity factor 3	1.53E-01	NS	2.47E-03	1.3	2.56E-01	NS
A_44_P652265	NM_001109248	500253	Dnajb8	DnaJ (Hsp40) homolog, subfamily B, member 8	1.97E-01	NS	3.92E-02	1.3	5.53E-02	NS
A_44_P276276	AB049626			family with sequence similarity 91, member A1	7.93E-01	NS	3.10E-02	1.3	3.03E-01	NS
A_44_P324066	NM_001127578	689997	Fam91a1		5.42E-01	NS	1.45E-02	1.3	7.34E-01	NS
A_44_P443349	NM_001014062	313163	RGD1306195	similar to RAN protein	8.83E-01	NS	3.70E-02	1.3	1.04E-01	NS
A_64_P069664	NM_130427	156826	Eya2	eyes absent homolog 2 (<i>Drosophila</i>)	8.24E-01	NS	1.59E-02	1.3	1.33E-01	NS
A_44_P231994	NM_001107854	312255	Slc37a3	solute carrier family 37 (glycerol-3-phosphate transporter), member 3	1.64E-01	NS	2.43E-02	1.3	2.59E-01	NS
A_64_P023466	NM_001106720	298936	Sntg2	syntrophin, gamma 2	3.33E-01	NS	2.65E-02	1.3	2.60E-01	NS
A_44_P185102	XM_342329				1.23E-01	NS	3.73E-02	1.3	1.11E-02	-1.3
A_44_P309202	NM_001014027	309111	Slc25a22	solute carrier family 25 (mitochondrial carrier, glutamate), member 22	9.97E-02	NS	7.17E-03	1.3	2.95E-01	NS
A_44_P255954	XM_001081684	498024	Kctd2	potassium channel tetramerisation domain containing 2	2.91E-01	NS	7.23E-03	1.3	1.62E-01	NS
A_64_P145766	XR_085595				8.90E-02	NS	1.61E-02	1.3	9.14E-01	NS
A_44_P477768	NM_022267	64033	Ccnd2	cyclin D2	2.42E-01	NS	4.43E-02	1.3	2.27E-02	-1.4
A_64_P188326	NM_053985	117056	H3f3b	H3 histone, family 3B	1.76E-01	NS	1.75E-02	1.3	1.79E-01	NS
A_44_P151582	NM_001004091	362417	Il17re	interleukin 17 receptor E	1.36E-01	NS	1.44E-02	1.3	6.19E-02	NS
A_43_P15565	NM_023953	64357	Cd200r1	CD200 receptor 1	1.88E-01	NS	4.27E-02	1.3	5.58E-02	NS
A_44_P408108	XR_086328				4.76E-01	NS	1.70E-02	1.3	2.97E-01	NS
A_43_P22998	NM_001108729	362818	Silv	silver homolog (mouse)	6.37E-01	NS	2.61E-02	1.3	3.31E-01	NS
A_64_P110881	XM_342228	361929	Atp11b	ATPase, class VI, type 11B	8.34E-02	NS	1.07E-02	1.3	6.53E-01	NS
A_44_P730677	NM_001014072	313775	RGD1311517	similar to RIKEN cDNA 9430015G10	9.20E-01	NS	2.02E-02	1.3	2.80E-02	2.0
A_64_P141340	NM_001107423	307810	Esrp2	epithelial splicing regulatory protein 2	4.36E-01	NS	1.93E-03	1.3	4.01E-01	NS
A_44_P147156	NM_001005882	305340	Rbm47	RNA binding motif protein 47	4.87E-01	NS	1.12E-03	1.3	5.57E-01	NS
A_64_P106503	NM_173120	286900	Sels	selenoprotein S	6.23E-02	NS	1.97E-02	1.3	5.98E-01	NS
A_64_P051914	NM_001106445	295245	Rag1ap1	recombination activating gene 1 activating protein 1	9.11E-02	NS	9.31E-03	1.3	2.15E-01	NS
A_64_P066544	NM_173126	286910	Nid67	putative small membrane protein NID67	1.47E-01	NS	4.85E-02	1.3	1.08E-01	NS
A_44_P301449	NM_001029910	501083	Pdcd6ip	programmed cell death 6 interacting protein	3.63E-01	NS	1.50E-02	1.3	3.66E-01	NS
A_44_P506464	XR_005489				9.96E-01	NS	1.00E-02	1.3	8.47E-01	NS
A_44_P428507	NM_199111	316241	Nfkbie	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon signal transducing adaptor molecule (SH3 domain and ITAM motif) 1	2.38E-01	NS	2.07E-02	1.3	1.78E-01	NS
A_44_P128564	NM_001109121	498798	Stam	proteasome (prosome, macropain) subunit, beta type 10	7.82E-02	NS	2.25E-02	1.3	6.41E-02	NS
A_44_P152144	NM_001025637	291983	Psmb10	vacuolar protein sorting 16 homolog (<i>S. cerevisiae</i>)	5.83E-02	NS	1.25E-02	1.3	3.34E-01	NS
A_44_P101375	NM_001005541	296159	Vps16	guanine nucleotide binding protein (G protein), gamma 7	2.66E-01	NS	1.69E-03	1.3	1.04E-01	NS
A_44_P235926	NM_024138	58979	Gng7	transmembrane emp24 domain trafficking protein 2	9.78E-02	NS	1.24E-02	1.3	2.36E-01	NS
A_44_P214054	NM_031722	65165	Tmed2		6.25E-01	NS	1.46E-02	1.3	9.65E-01	NS
A_64_P332826	BF545663				1.67E-01	NS	6.63E-03	1.3	1.02E-01	NS
A_43_P22795	NM_001037204	360893	Taf1a	TATA box binding protein (Tbp)-associated factor, RNA polymerase I, A	8.63E-01	NS	1.58E-02	1.3	1.78E-01	NS
A_44_P135730	XR_008260				4.74E-01	NS	1.86E-02	1.3	7.24E-02	NS
A_44_P455059	NM_001014261	366473	RGD1564776	similar to ornithine decarboxylase-like protein	8.19E-01	NS	3.54E-02	1.3	7.69E-01	NS
A_64_P014254	XR_008352				1.86E-01	NS	1.70E-02	1.3	8.73E-02	NS
A_64_P137468	NM_022261	64027	Bspry	B-box and SPRY domain containing	9.75E-01	NS	2.44E-03	1.3	9.57E-01	NS

A_64_P011769	XM_001074062	300768	Coro2b	coronin, actin binding protein, 2B STT3, subunit of the oligosaccharyltransferase complex,	1.81E-01	NS	2.01E-02	1.3	1.34E-01	NS
A_44_P214218	NM_001134749	500972	Stt3a	homolog A (<i>S. cerevisiae</i>)	1.29E-01	NS	9.68E-03	1.3	5.75E-02	NS
A_42_P773155	NM_001106996	303073	Cyfp2	cytoplasmic FMR1 interacting protein 2	8.79E-02	NS	2.76E-02	1.3	4.43E-01	NS
A_64_P140634	XR_006181				8.90E-01	NS	4.43E-03	1.3	1.50E-01	NS
A_44_P160669	NM_001012104	313648	Ddost	dolichyl-diphosphooligosaccharide-protein glycosyltransferase	3.29E-01	NS	1.64E-03	1.3	4.80E-01	NS
A_64_P313669	XM_224353				2.60E-01	NS	4.20E-02	1.3	8.00E-01	NS
A_44_P271923	NM_001009690	309201	Rom1	retinal outer segment membrane protein 1	3.15E-01	NS	9.50E-03	1.3	8.92E-01	NS
A_64_P155256	NM_001170595	314480	Gpr132	G protein-coupled receptor 132	1.22E-01	NS	2.79E-02	1.3	3.95E-01	NS
A_44_P548726	NM_001009664	299647	Zfp414	zinc finger protein 414	4.27E-01	NS	3.08E-02	1.3	3.20E-01	NS
A_42_P503768	NM_001009466	362688	Gemin6	gem (nuclear organelle) associated protein 6	9.31E-02	NS	2.26E-02	1.3	5.76E-01	NS
A_44_P520475	NM_001013200	361999	Anp32e	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E	3.31E-01	NS	2.78E-02	1.3	6.99E-01	NS
A_44_P515107	NM_019271	29734	Hspa13	13	6.75E-02	NS	1.66E-02	1.3	7.01E-01	NS
A_64_P019798	NM_001014037	310377	RGD1306227	similar to 4833420G17Rik protein retinol dehydrogenase 11 (all-trans/9-cis/11- cis)	1.52E-01	NS	4.75E-02	1.3	9.72E-01	NS
A_44_P434216	NM_001012193	362757	Rdh11		5.60E-01	NS	1.45E-02	1.3	5.38E-01	NS
A_43_P17622	NM_001108993	366984	Lass5	LAG1 homolog, ceramide synthase 5 sortilin-related receptor, LDLR class A repeats-containing	4.77E-01	NS	1.22E-02	1.3	8.29E-01	NS
A_42_P552341	NM_053519	300652	Sort1	SET domain and mariner transposase fusion gene	2.09E-01	NS	3.30E-03	1.3	5.43E-01	NS
A_43_P17786	XM_001071895	500281	Setmar		1.21E-01	NS	4.61E-03	1.3	7.45E-01	NS
A_64_P091851	XR_006411	497848	LOC497848	hypothetical LOC497848	9.81E-01	NS	3.84E-02	1.3	2.12E-01	NS
A_64_P040900	NM_001134857	304332	Heatr2	HEAT repeat containing 2	9.07E-01	NS	2.34E-02	1.3	6.60E-01	NS
A_64_P047281	NM_001172305	25023	Prkcb	protein kinase C, beta	1.28E-01	NS	4.97E-03	1.3	5.34E-01	NS
A_44_P405790	NM_001134710	685174	Cnpy3	canopy 3 homolog (zebrafish)	3.24E-01	NS	1.76E-02	1.3	5.27E-01	NS
A_44_P237153	NM_022274	64041	Birc5	baculoviral IAP repeat-containing 5	4.74E-01	NS	4.38E-02	1.3	3.36E-01	NS
A_44_P1024703	NM_001007753	363137	Cyb561d2	cytochrome b-561 domain containing 2	9.18E-02	NS	4.56E-02	1.3	6.44E-02	NS
A_44_P180060	XM_001057931	84581	Hdac6	histone deacetylase 6	8.28E-02	NS	8.01E-03	1.3	5.62E-01	NS
A_44_P518500	NM_001108112	315298	Racgap1	Rac GTPase-activating protein 1	6.28E-01	NS	4.05E-02	1.3	6.10E-02	NS
A_64_P096381	NM_024351	24468	Hspa8	heat shock protein A8	4.75E-01	NS	6.33E-03	1.3	6.63E-02	NS
A_64_P007958	XM_001054092	362322	Slc25a13	solute carrier family 25, member 13 (citrin)	8.53E-01	NS	2.45E-03	1.3	1.78E-01	NS
A_44_P461505	NM_080787	140866	Dgka	diacylglycerol kinase, alpha	1.44E-01	NS	1.88E-03	1.3	8.07E-01	NS
A_44_P383555	NM_001017988	303566	LOC303566	E2F1-inducible gene	4.06E-01	NS	4.70E-02	1.3	6.54E-01	NS
A_64_P030534	NM_001107566	309139	Tpcn2	two pore segment channel 2 ribosomal modification protein rimK-like family member B	3.12E-01	NS	7.19E-03	1.3	3.22E-01	NS
A_43_P23187	XM_002726478	362428	Rimklb		5.53E-01	NS	1.14E-02	1.3	2.34E-02	-1.9
A_44_P1037892	XM_342640	362322	Slc25a13	solute carrier family 25, member 13 (citrin)	7.13E-02	NS	2.02E-02	1.3	7.73E-01	NS
A_64_P024798	NM_001033997	296161	Ubox5	U-box domain containing 5	1.32E-01	NS	2.74E-03	1.3	1.96E-01	NS
A_64_P106909	NM_001112713	59076	Grk6	G protein-coupled receptor kinase 6	2.86E-01	NS	1.43E-02	1.3	7.93E-02	NS
A_44_P220305	XR_005959				6.15E-01	NS	4.83E-02	1.3	7.27E-02	NS
A_44_P201178	NM_133562	171088	Inpp5j	inositol polyphosphate-5-phosphatase J	4.20E-01	NS	9.43E-03	1.3	5.56E-01	NS
A_64_P070581	XM_002725731				3.06E-01	NS	2.64E-02	1.3	4.36E-01	NS
A_44_P142562	NM_001007643	295701	Tmx2	thioredoxin-related transmembrane protein 2	6.99E-01	NS	6.57E-03	1.3	3.04E-01	NS
A_64_P076466	XM_001078563	361812	Pnpla1	patatin-like phospholipase domain containing 1	1.73E-01	NS	3.38E-02	1.3	9.37E-01	NS
A_43_P18343	NM_001100519	293455	Gga2	golgi associated, gamma adaptin ear containing, ARF binding protein 2	7.32E-01	NS	2.56E-02	1.3	6.29E-01	NS
A_64_P104598	NM_001024307	499732	Lrriq3	leucine-rich repeats and IQ motif containing 3	1.18E-01	NS	2.00E-02	1.3	3.90E-02	-1.6
A_44_P163396	NM_031714	65151	Hrsp12	heat-responsive protein 12	1.55E-01	NS	2.26E-02	1.3	6.13E-01	NS
A_64_P052972	XR_009456				3.82E-01	NS	1.75E-02	1.3	5.33E-01	NS
A_64_P116989	NM_001106956	302553	Suv39h1	suppressor of variegation 3-9 homolog 1 (<i>Drosophila</i>)	1.98E-01	NS	1.23E-02	1.3	7.47E-02	NS

A_44_P357870	NM_031559	25757	Cpt1a	carnitine palmitoyltransferase 1a, liver nucleus accumbens associated 1, BEN and	6.31E-01	NS	1.64E-02	1.3	6.21E-01	NS
A_64_P037196	NM_134413	171454	Nacc1	BTB (POZ) domain containing	3.98E-01	NS	3.52E-02	1.3	8.64E-01	NS
A_64_P089215	XM_233422	313504	Foxd2	forkhead box D2	7.18E-01	NS	1.76E-02	1.3	2.20E-01	NS
A_64_P121021	XR_086164	683212	LOC683212	similar to keratin complex 1, acidic, gene 18	1.78E-01	NS	2.01E-02	1.3	1.05E-01	NS
A_44_P191593	NM_053946	116967	Magt1	magnesium transporter 1	2.29E-01	NS	1.96E-03	1.3	6.93E-01	NS
A_44_P401083	NM_001007664	300983	Abhd14b	abhydrolase domain containing 14b dynein cytoplasmic 2 light intermediate chain 1	3.62E-01	NS	2.18E-02	1.3	5.29E-01	NS
A_43_P23209	NM_001013940	298767	Dync2li1		2.37E-01	NS	9.34E-03	1.3	3.33E-01	NS
A_44_P421897	XM_227056				6.98E-02	NS	1.85E-02	1.3	7.57E-01	NS
A_44_P351898	NM_001106594	297176	Mad2l1	MAD2 mitotic arrest deficient-like 1 (yeast)	5.16E-02	NS	6.60E-03	1.3	2.46E-01	NS
A_44_P100443	NM_001013124	304577	Ung	uracil-DNA glycosylase	3.14E-01	NS	1.18E-02	1.3	8.16E-01	NS
A_64_P136362	NM_001108827	363611	RGD1306000	similar to CG8043-PA	6.91E-01	NS	4.29E-02	1.3	7.85E-01	NS
A_64_P107684	NM_001000769	405044	Olr1460	olfactory receptor 1460	2.48E-01	NS	1.52E-02	1.3	1.61E-01	NS
A_64_P013157	XM_001062653	289322	RGD1564463	similar to Mdes protein	9.43E-02	NS	3.40E-02	1.3	7.52E-01	NS
A_44_P271720	NM_022523	64315	Cd151	CD151 molecule (Raph blood group)	2.10E-01	NS	7.48E-03	1.3	7.80E-01	NS
A_64_P104481	NM_001107016	303260	Spag7	sperm associated antigen 7	9.02E-01	NS	1.35E-02	1.3	6.75E-01	NS
A_64_P150251	NM_001024791	360605	Epn3	epsin 3	7.95E-01	NS	1.25E-02	1.3	2.12E-01	NS
A_64_P039601	NM_153628	266758	Sec11c	SEC11 homolog C (S. cerevisiae)	6.40E-02	NS	2.13E-02	1.3	3.73E-02	-1.9
A_43_P10861	NM_001024879	301529	Dnpep	aspartyl aminopeptidase	3.65E-01	NS	4.49E-03	1.3	4.78E-01	NS
A_64_P007618	NM_053398	84422	Gfra3	GDNF family receptor alpha 3 ATP-binding cassette, sub-family A (ABC1), member 3	9.84E-02	NS	1.27E-02	1.3	1.49E-01	NS
A_43_P16685	XM_220219	302973	Abca3		6.32E-01	NS	1.94E-02	1.3	5.09E-01	NS
A_44_P621931	AY539922				8.29E-01	NS	4.03E-02	1.3	9.44E-01	NS
A_44_P986792	NM_053519	300652	Sort1	sortilin-related receptor, LDLR class A repeats-containing solute carrier family 48 (heme transporter), member 1	9.61E-01	NS	1.31E-02	1.3	9.12E-01	NS
A_44_P300183	NM_001127456	300191	Slc48a1	member 1	9.79E-01	NS	4.67E-04	1.3	3.75E-01	NS
A_64_P048024	XM_001074501	306594	Mcph1	microcephalin 1 family with sequence similarity 129, member B	3.13E-01	NS	2.88E-02	1.3	5.00E-01	NS
A_44_P250673	NM_001109885	362115	Fam129b	member B	2.42E-01	NS	3.85E-02	1.3	4.69E-01	NS
A_64_P018451	XM_001058324	680678	LOC680678	similar to transcription factor 23	5.95E-01	NS	2.98E-02	1.3	8.87E-01	NS
A_44_P1057309	NM_130822	170641	Lphn3	latrophilin 3 purinergic receptor P2X, ligand-gated ion channel 4	1.01E-01	NS	9.60E-03	1.3	1.91E-02	-3.5
A_44_P484909	NM_031594	29659	P2rx4		9.68E-01	NS	4.39E-03	1.3	8.50E-01	NS
A_44_P212927	XM_222593				9.14E-01	NS	9.46E-03	1.3	2.02E-01	NS
A_64_P154786	XM_001064036	363993	Gpr25	G protein-coupled receptor 25	5.02E-01	NS	2.84E-02	1.3	1.16E-01	NS
A_64_P048461	XM_236988				7.04E-02	NS	3.64E-02	1.3	2.65E-01	NS
A_64_P068162	NM_172325	282825	Zfp161	zinc finger protein 161 similar to chromosome 14 open reading frame 50	4.73E-01	NS	4.90E-02	1.3	3.80E-01	NS
A_44_P359040	NM_001013944	299153	RGD1309051		4.19E-01	NS	2.93E-02	1.3	1.86E-01	NS
A_64_P315172	NM_053854	116632	Nat2	N-Acetyltransferase-2 (arylamine N-acetyltransferase) family with sequence similarity 38, member A	1.03E-01	NS	4.25E-02	1.3	3.75E-01	NS
A_44_P499309	NM_001077200	361430	Fam38a		2.04E-01	NS	2.12E-02	1.3	3.88E-01	NS
A_44_P1034209	NM_001100841	305078	Lamb3	laminin, beta 3	1.59E-01	NS	8.12E-03	1.3	2.22E-03	1.9
A_44_P294437	NM_001012161	361255	Tbce	tubulin folding cofactor E	6.57E-01	NS	5.62E-03	1.3	2.07E-01	NS
A_44_P185174	XM_343561				5.18E-01	NS	6.24E-03	1.3	3.14E-01	NS
A_64_P104688	NM_001135749	499655	Cks1b	CDC28 protein kinase regulatory subunit 1B	2.47E-01	NS	3.09E-02	1.3	1.44E-01	NS
A_64_P044920	NM_001107000	303130	Fstl4	folliculin-like 4	2.19E-01	NS	4.12E-02	1.3	5.77E-01	NS
A_44_P698144	XM_001059637	499071	Ccdc106	coiled-coil domain containing 106	7.92E-02	NS	4.98E-03	1.3	2.83E-01	NS
A_44_P513677	XM_233515				5.32E-01	NS	3.65E-03	1.3	1.15E-01	NS
A_44_P255201	NM_144754	246272	Cant1	calcium activated nucleotidase 1 potassium voltage-gated channel, shaker-related subfamily, beta member 2	6.42E-01	NS	3.54E-02	1.3	8.82E-01	NS
A_43_P11906	NM_017304	29738	Kcnab2	similar to high mobility group nucleosomal binding domain 1	7.71E-01	NS	2.46E-02	1.3	1.56E-01	NS
A_64_P019590	XM_001059675	680964	LOC680964		9.26E-01	NS	1.93E-02	1.3	5.96E-01	NS

A_44_P239401	NM_053972	117043	RragB	Ras-related GTP binding B	5.03E-01	NS	4.36E-02	1.3	4.57E-01	NS
A_64_P129137	NM_057208	117557	Tpm3	tropomyosin 3, gamma	5.26E-02	NS	9.22E-03	1.3	3.47E-01	NS
A_44_P233618	NM_053850	116599	Blvra	biliverdin reductase A	1.18E-01	NS	6.65E-03	1.3	1.74E-01	NS
A_44_P229842	NM_001127606	100158225	LOC100158225	hypothetical protein LOC100158225	6.24E-01	NS	2.17E-02	1.3	1.87E-01	NS
A_64_P054251	NM_053710	114502	Pax3	paired box 3	4.70E-01	NS	4.35E-02	1.3	6.92E-01	NS
A_64_P145533		308846	Uvrqg	UV radiation resistance associated gene	1.97E-01	NS	3.61E-03	1.3	3.88E-01	NS
A_64_P115506	NM_053976	294853	Krt18	keratin 18	6.67E-02	NS	1.64E-02	1.3	1.11E-01	NS
A_43_P16688	NM_001024746	291852	Katnb1	katanin p80 (WD repeat containing) subunit B 1	2.59E-01	NS	5.72E-03	1.3	2.79E-01	NS
A_44_P248358	NM_001106166	291824	Tk2	thymidine kinase 2, mitochondrial	2.81E-01	NS	8.25E-03	1.3	5.28E-01	NS
A_44_P284067	XM_235936	315473	RGD1561444	similar to RIKEN cDNA 9530077C05	7.55E-01	NS	2.11E-02	1.3	7.51E-01	NS
A_44_P395654	NM_001000038	287520	Olr1516	olfactory receptor 1516	1.05E-01	NS	4.69E-02	1.3	1.40E-01	NS
A_44_P429321	NM_001008377	362793	RGD1307315	LOC362793	7.78E-01	NS	1.21E-02	1.3	7.47E-01	NS
A_64_P141510	NM_001113754	680021	Grhpr	glyoxylate reductase/hydroxypyruvate reductase	1.19E-01	NS	2.21E-02	1.3	1.96E-01	NS
A_44_P492173	NM_001106417	294795	Capsl	calcyphosine-like	2.76E-01	NS	1.57E-02	1.3	6.55E-02	NS
A_44_P166046	NM_001039031	361730	Dak	dihydroxyacetone kinase 2 homolog (S. cerevisiae)	4.09E-01	NS	5.73E-03	1.3	5.54E-01	NS
A_64_P146071	NM_001108389	361088	Rnf219	ring finger protein 219	1.17E-01	NS	6.80E-03	1.3	5.04E-01	NS
A_44_P332041	NM_022385	64187	Arl1	ADP-ribosylation factor-like 1	3.69E-01	NS	2.15E-02	1.3	5.14E-01	NS
A_64_P098334	NM_001106671	298300	Ttc22	tetratricopeptide repeat domain 22	6.45E-02	NS	3.59E-02	1.3	9.20E-01	NS
A_44_P189065	NM_001106442	295235	Ssr2	signal sequence receptor, beta	6.02E-02	NS	9.73E-03	1.3	5.90E-01	NS
A_64_P113493	NM_021748	60355	Nsf	N-ethylmaleimide-sensitive factor	7.32E-01	NS	1.58E-02	1.3	7.25E-01	NS
A_44_P229816	XM_001061491				7.61E-01	NS	1.36E-02	1.3	4.66E-01	NS
A_64_P086344	XM_001080245	688083	LOC688083	similar to LRP16 protein	7.15E-02	NS	1.11E-02	1.3	3.33E-02	-1.8
A_64_P119002	NM_017221	29499	Shh	sonic hedgehog	1.18E-01	NS	1.38E-02	1.3	6.91E-01	NS
A_44_P667489	NM_001109130	498944	Tsnaxip1	translin-associated factor X interacting protein 1	2.94E-01	NS	3.76E-02	1.3	4.66E-01	NS
A_42_P823306	NM_053411	84471	Snx1	sorting nexin 1	1.20E-01	NS	1.46E-02	1.3	9.12E-01	NS
A_44_P360900	NM_053409	84469	Maged1	melanoma antigen, family D, 1	3.60E-01	NS	8.09E-04	1.3	8.91E-01	NS
A_44_P283886	NM_001106527	296280	Tspyl3	TSPY-like 3	5.37E-01	NS	1.25E-02	1.3	8.95E-01	NS
A_44_P1042711	NM_001108426	361308	Kif20a	kinesin family member 20A	9.90E-02	NS	1.24E-02	1.3	1.55E-01	NS
A_64_P036011	NM_001042579	64830	Unc13b	unc-13 homolog B (C. elegans)	4.16E-01	NS	3.26E-02	1.3	3.03E-01	NS
A_43_P19630	NM_001100789	498331	Ptpn13	protein tyrosine phosphatase, non-receptor type 13	1.72E-01	NS	1.13E-02	1.3	2.36E-01	NS
A_44_P255771	NM_001127572	688393	LOC688393	similar to XPA binding protein 1	6.20E-01	NS	1.24E-03	1.3	5.46E-01	NS
A_44_P433519	XM_001077358	360793	Rhbdd2	rhomboid domain containing 2	7.68E-01	NS	6.60E-03	1.3	9.95E-01	NS
A_44_P655562	NM_001014780	291653	Pcdhb6	protocadherin beta 6	8.81E-01	NS	1.22E-02	1.3	1.58E-01	NS
A_64_P163919	XM_225460	366937	RGD1566252	similar to Ki-67	1.25E-01	NS	3.58E-02	1.3	1.59E-01	NS
A_64_P098921	NM_001007648	297594	Cdca3	cell division cycle associated 3	6.63E-02	NS	4.42E-02	1.3	3.28E-01	NS
A_44_P299830	NM_001009707	361941	RGD1359508	similar to protein C33A12.3	6.96E-01	NS	9.53E-03	1.3	1.81E-01	NS
A_64_P028486	NM_001107307	306356	Cilp2	cartilage intermediate layer protein 2	9.91E-01	NS	2.06E-02	1.3	1.16E-01	NS
A_44_P196939	XM_001080437				9.21E-02	NS	2.04E-02	1.3	8.78E-01	NS
A_43_P19260	XM_001053368				5.55E-02	NS	3.35E-02	1.3	1.81E-01	NS
A_44_P442371	NM_139261	246146	Hspbp1	HSPA (heat shock 70kDa) binding protein, cytoplasmic cochaperone 1	8.91E-01	NS	1.13E-03	1.3	2.62E-01	NS
A_64_P104553	NM_031045	81677	Itpka	inositol 1,4,5-trisphosphate 3-kinase A	5.32E-01	NS	1.67E-02	1.3	8.22E-01	NS
A_64_P075018	NM_001134536	304458	Tmem132b	transmembrane protein 132B	3.99E-01	NS	4.17E-02	1.3	1.64E-01	NS
A_44_P348825	NM_024150	79119	Arf2	ADP-ribosylation factor 2	9.99E-02	NS	1.61E-03	1.3	8.57E-01	NS
A_44_P324042	NM_001034150	315548	Srpr	signal recognition particle receptor (docking protein)	2.06E-01	NS	3.19E-03	1.3	4.48E-01	NS
A_44_P942367	NM_001012075	309828	Tspyl4	TSPY-like 4	1.54E-01	NS	4.45E-02	1.3	8.99E-03	-1.8
A_64_P078120	NM_001109636	691306	Tmem202	transmembrane protein 202	7.15E-01	NS	4.99E-02	1.3	8.85E-01	NS
A_64_P102942	NM_054008	117183	Rgc32	response gene to complement 32	1.54E-01	NS	4.69E-03	1.4	1.52E-01	NS
A_42_P712191	NM_001109207	499914	Gins1	GIN5 complex subunit 1 (Psf1 homolog)	4.00E-01	NS	4.53E-02	1.4	4.74E-01	NS
A_44_P1000935	NM_017052	24788	Sord	sorbitol dehydrogenase	3.68E-01	NS	1.12E-03	1.4	7.75E-01	NS
A_44_P166495	NM_001012199	362965	Rangap1	RAN GTPase activating protein 1	9.38E-01	NS	4.86E-03	1.4	4.59E-02	1.9
A_64_P091088	NM_144737	246245	Fmo2	flavin containing monooxygenase 2	2.80E-01	NS	4.37E-02	1.4	4.25E-01	NS
A_64_P001052	XM_001072054	295160	Mnd1	meiotic nuclear divisions 1 homolog (S. cerevisiae)	1.68E-01	NS	4.99E-02	1.4	5.71E-02	NS

A_44_P398592	NM_001108650	362452	Loh12cr1	loss of heterozygosity, 12, chromosomal region 1 homolog (human)	2.42E-01	NS	1.31E-02	1.4	4.53E-01	NS
A_64_P021440	NM_198049	289459	Slc10a6	solute carrier family 10 (sodium/bile acid cotransporter family), member 6	7.17E-01	NS	9.09E-03	1.4	7.05E-02	NS
A_44_P158012	NM_001107185	304862	Tpr	translocated promoter region	1.50E-01	NS	2.77E-02	1.4	2.48E-01	NS
A_64_P081063	XR_006358	363746	LOC363746	similar to 40S ribosomal protein S7 (S8)	9.17E-01	NS	3.09E-02	1.4	9.41E-01	NS
A_64_P029377	NM_131909	170704	Hrh4	histamine receptor H4	1.97E-01	NS	2.90E-02	1.4	5.47E-01	NS
A_64_P152447	NM_001137643	499422	Gstt3	glutathione S-transferase, theta 3	2.05E-01	NS	2.10E-02	1.4	8.43E-01	NS
A_44_P557680	NM_001014164	361729	Cybas3	cytochrome b, ascorbate dependent 3	1.16E-01	NS	2.14E-03	1.4	9.12E-01	NS
A_44_P513511	NM_001106169	291853	Ccdc135	coiled-coil domain containing 135	3.20E-01	NS	2.23E-02	1.4	8.97E-02	NS
A_64_P155438	XM_001059458				6.36E-01	NS	3.50E-02	1.4	8.37E-01	NS
A_44_P530637	NM_001025056	501167	Gmppa	GDP-mannose pyrophosphorylase A	6.97E-01	NS	6.54E-03	1.4	8.82E-01	NS
A_64_P048457	NM_001109434	681023	Qsox2	quiescin Q6 sulfhydryl oxidase 2	7.81E-01	NS	1.65E-02	1.4	8.52E-01	NS
A_64_P345426	XR_007239				7.66E-02	NS	1.07E-02	1.4	7.87E-02	NS
A_43_P13172	NM_133392	170904	Stk17b	serine/threonine kinase 17b	2.26E-01	NS	4.70E-02	1.4	8.39E-02	NS
				family with sequence similarity 110, member C	1.23E-01	NS	2.16E-02	1.4	4.73E-02	1.4
A_64_P060982	NM_001025051	500638	Fam110c	member C	1.23E-01	NS	2.16E-02	1.4	4.73E-02	1.4
A_64_P081822	XM_001065296	308768	RGD1308541	hypothetical LOC308768	3.50E-01	NS	5.64E-03	1.4	2.46E-01	NS
A_43_P15335	NM_053429	84489	Fgfr3	fibroblast growth factor receptor 3	8.70E-01	NS	5.11E-04	1.4	9.65E-02	NS
A_44_P100886	XM_001069542				1.22E-01	NS	1.92E-02	1.4	2.94E-01	NS
				non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase)	2.69E-01	NS	2.32E-02	1.4	5.75E-01	NS
A_44_P323430	NM_138532	171566	Nme7	(nucleoside-diphosphate kinase)	2.69E-01	NS	2.32E-02	1.4	5.75E-01	NS
A_64_P017620	NM_001108593	362226	Sec23b	Sec23 homolog B (S. cerevisiae)	9.62E-02	NS	2.01E-02	1.4	4.69E-01	NS
A_64_P057281	NM_001008854	360323	RT1-N2	RT1 class Ib, locus N2	2.99E-01	NS	3.11E-02	1.4	1.34E-01	NS
				sodium channel, nonvoltage-gated 1, gamma	2.71E-01	NS	2.97E-02	1.4	1.29E-01	NS
A_44_P226658	NM_017046	24768	Scnn1g	gamma	2.71E-01	NS	2.97E-02	1.4	1.29E-01	NS
				nuclear fragile X mental retardation protein interacting protein 1	9.39E-02	NS	7.21E-03	1.4	2.50E-01	NS
A_44_P407707	NM_001007758	364430	Nufip1	signal peptidase complex subunit 2	9.39E-02	NS	7.21E-03	1.4	2.50E-01	NS
				homolog (S. cerevisiae)	2.06E-01	NS	4.09E-03	1.4	7.44E-02	NS
A_64_P029043	XM_001066421	293142	Spcs2	homolog (S. cerevisiae)	2.06E-01	NS	4.09E-03	1.4	7.44E-02	NS
A_64_P108264	XM_223835				1.96E-01	NS	4.61E-02	1.4	8.61E-01	NS
				cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo homolog, Drosophila)	4.90E-01	NS	2.63E-02	1.4	6.84E-01	NS
A_44_P506659	XM_001070474	300128	Celsr1	receptor 1 (flamingo homolog, Drosophila)	4.90E-01	NS	2.63E-02	1.4	6.84E-01	NS
A_64_P010408	NM_001034112	360631	Mix	MAX-like protein X	7.59E-02	NS	2.61E-03	1.4	5.88E-01	NS
A_44_P203812	NM_001039606	291095	Gmfs	GDP-mannose 4, 6-dehydratase	5.64E-02	NS	2.20E-02	1.4	1.60E-01	NS
				cytochrome P450, family 2, subfamily j, polypeptide 10	6.33E-02	NS	3.02E-02	1.4	5.48E-03	1.9
A_44_P448154	NM_001134980	313373	Cyp2j10	polypeptide 10	6.33E-02	NS	3.02E-02	1.4	5.48E-03	1.9
A_42_P459149	NM_080584	140671	Phkg2	phosphorylase kinase, gamma 2 (testis)	3.20E-01	NS	6.04E-03	1.4	6.97E-01	NS
A_44_P465188	NM_053445	84575	Fads1	fatty acid desaturase 1	8.21E-01	NS	1.44E-02	1.4	9.76E-01	NS
				minichromosome maintenance complex component 5	9.82E-01	NS	2.51E-02	1.4	1.49E-01	NS
A_64_P014774	NM_001106170	291885	Mcm5	component 5	9.82E-01	NS	2.51E-02	1.4	1.49E-01	NS
A_43_P19867	XM_214910				9.84E-02	NS	4.07E-02	1.4	9.62E-03	-1.6
A_44_P330594	NM_001013895	292658	Prkd2	protein kinase D2	2.28E-01	NS	2.85E-02	1.4	7.41E-01	NS
A_44_P431053	NM_031027	81656	Dpyd	dihydropyrimidine dehydrogenase	8.39E-01	NS	1.22E-02	1.4	8.93E-01	NS
A_64_P130515	XM_001057041				1.10E-01	NS	3.17E-02	1.4	9.99E-01	NS
A_44_P338068	NM_001024355	500909	Ccdc134	coiled-coil domain containing 134	8.13E-01	NS	3.42E-03	1.4	8.76E-01	NS
A_64_P114953	XM_001060275	302365	RGD1564704	similar to syntaxin 3A	5.64E-01	NS	3.32E-02	1.4	1.75E-02	-1.9
A_44_P406474	NM_022507	25522	Prkcz	protein kinase C, zeta	4.06E-01	NS	3.48E-03	1.4	6.90E-01	NS
A_64_P154811	NM_001025044	499980	LOC499980	hypothetical protein LOC499980	4.33E-01	NS	4.04E-02	1.4	2.57E-01	NS
				solute carrier family 36 (proton/amino acid symporter), member 4	6.78E-02	NS	3.35E-02	1.4	6.97E-01	NS
A_64_P064556	NM_001108127	315439	Slc36a4	member 4	6.78E-02	NS	3.35E-02	1.4	6.97E-01	NS
A_64_P002870	NM_001013923	296318	Ndr3	N-myc downstream regulated gene 3	3.93E-01	NS	2.36E-02	1.4	7.83E-01	NS
A_44_P901088	NM_001025141	498492	Ccnb1ip1	cyclin B1 interacting protein 1	2.41E-01	NS	9.16E-03	1.4	5.00E-01	NS
				acyl-CoA synthetase bubblegum family member 1	9.87E-01	NS	2.31E-03	1.4	1.49E-01	NS
A_43_P13257	NM_134389	171410	Acsbg1	member 1	9.87E-01	NS	2.31E-03	1.4	1.49E-01	NS
A_44_P169307	NM_022246	64012	Rad50	RAD50 homolog (S. cerevisiae)	1.15E-01	NS	2.06E-02	1.4	7.86E-02	NS
A_64_P134553	XR_007351				5.10E-01	NS	9.53E-03	1.4	6.39E-02	NS
A_64_P091940	NM_033237	29141	Gal	galanin prepropeptide	2.24E-01	NS	4.86E-02	1.4	1.94E-01	NS
A_43_P15073	XM_001058636	363471	RGD1562200	similar to GS2 gene	7.42E-02	NS	3.27E-03	1.4	7.21E-01	NS
A_64_P053544	XM_232330				4.35E-01	NS	8.80E-03	1.4	1.56E-01	NS

A_64_P122088	NM_001109009	367316	Aqp12b	aquaporin 12B endo/exonuclease (5'-3'), endonuclease G-like	1.21E-01	NS	1.20E-02	1.4	2.18E-01	NS
A_43_P21090	NM_001106866	301062	Exog		2.64E-01	NS	4.92E-02	1.4	1.29E-01	NS
A_64_P079930	NM_001168579	296272	Tcf15	transcription factor 15	5.69E-01	NS	1.20E-02	1.4	9.93E-01	NS
A_64_P025958	NM_001108570	362076	Il1f8	interleukin 1 family, member 8	2.27E-01	NS	8.94E-03	1.4	1.55E-01	NS
A_64_P083958	NM_001100778	399489	E2f1	E2F transcription factor 1	4.92E-01	NS	5.48E-03	1.4	8.34E-01	NS
A_64_P304049	NM_001076553	24678	Pkib	protein kinase (cAMP-dependent, catalytic) inhibitor beta	3.34E-01	NS	4.29E-02	1.4	5.78E-01	NS
A_42_P762213	NM_001034139	304203	Lrrc8e	leucine rich repeat containing 8 family, member E	3.01E-01	NS	2.31E-02	1.4	5.90E-02	NS
A_64_P162765	NM_001109346	502736	Cpa4	carboxypeptidase A4	6.74E-01	NS	2.48E-02	1.4	7.59E-02	NS
A_44_P1037972	NM_001012738	29593	Ckmt1	creatine kinase, mitochondrial 1	1.14E-01	NS	1.46E-04	1.4	4.33E-01	NS
A_44_P976680	XM_001070657				8.85E-02	NS	2.52E-02	1.4	2.24E-01	NS
A_64_P026266	NM_001105750	117087	Stim2	stromal interaction molecule 2	6.17E-01	NS	3.36E-02	1.4	3.98E-01	NS
A_64_P032811	NM_001134575	361719	RGD1308106	LOC361719	5.62E-02	NS	4.36E-02	1.4	3.48E-01	NS
A_64_P040895	NM_001001110	406008	Olr1694	olfactory receptor 1694	2.02E-01	NS	3.32E-03	1.4	3.15E-02	-1.8
A_64_P148325	XM_001063552				8.17E-01	NS	1.28E-02	1.4	2.86E-01	NS
A_64_P104382	NM_001134983	499929	RGD1564927	similar to TGFB-induced factor 2	1.44E-01	NS	4.85E-03	1.4	6.49E-01	NS
A_44_P191753	NM_001013170	314442	Wars	tryptophanyl-tRNA synthetase minichromosome maintenance complex component 2	3.01E-01	NS	1.29E-03	1.4	5.62E-01	NS
A_44_P223446	NM_001107873	312538	Mcm5		2.19E-01	NS	1.00E-03	1.4	9.63E-03	2.4
A_64_P006633	NM_001000666	404868	Olr563	olfactory receptor 563	6.07E-01	NS	4.96E-03	1.4	2.63E-02	-2.0
A_43_P13069	NM_080400	140583	Chek1	CHK1 checkpoint homolog (S. pombe)	1.42E-01	NS	1.78E-02	1.4	2.12E-01	NS
A_64_P010806	XM_001054681				7.65E-02	NS	1.85E-02	1.4	7.26E-01	NS
A_44_P450486	NM_001012200	362969	Ttl1	tubulin tyrosine ligase-like family, member 1	4.64E-01	NS	2.93E-03	1.4	4.09E-01	NS
A_64_P013373	XM_001077088				8.07E-01	NS	1.48E-02	1.4	1.69E-01	NS
A_64_P020143	NM_001108928	365465	Cwf19l1	CWF19-like 1, cell cycle control (S. pombe) minichromosome maintenance complex component 6	4.75E-01	NS	3.73E-02	1.4	3.43E-01	NS
A_44_P276338	NM_017287	29685	Mcm6		5.12E-01	NS	2.35E-03	1.4	9.77E-02	NS
A_64_P148265	XM_002726084	689746	Ttl11		6.91E-01	NS	4.55E-02	1.4	9.23E-01	NS
A_44_P532249	NM_001012174	361810	Fkbp5	FK506 binding protein 5	5.99E-01	NS	4.50E-02	1.4	2.99E-02	2.6
A_44_P294650	NM_012514	497672	Brca1	breast cancer 1	8.63E-01	NS	2.46E-02	1.4	4.71E-01	NS
A_64_P016338	XM_002724673	363799	RGD1308154	similar to CG11388-PA	3.76E-01	NS	1.40E-02	1.4	1.22E-01	NS
A_44_P452176	NM_053560	89824	Chi3l1	chitinase 3-like 1 synovial sarcoma, X breakpoint 2 interacting protein	7.96E-02	NS	2.14E-02	1.4	2.52E-01	NS
A_44_P408679	NM_175597	308023	Ssx2ip		5.32E-02	NS	2.21E-02	1.4	7.98E-01	NS
A_44_P1029805	XM_217035				3.18E-01	NS	1.36E-02	1.4	8.92E-01	NS
A_64_P040145	XM_001054033	678966	LOC678966	hypothetical protein LOC678966	2.25E-01	NS	2.85E-02	1.4	1.36E-01	NS
A_64_P120085	XM_001070624	289501	Ankrd56	ankyrin repeat domain 56	3.48E-01	NS	2.97E-02	1.4	1.68E-01	NS
A_44_P533786	NM_053749	114592	Aurkb	aurora kinase B	5.93E-01	NS	1.40E-02	1.4	9.80E-03	2.8
A_64_P070108	NM_213562	309591	Trim39	tripartite motif-containing 39	1.81E-01	NS	1.28E-02	1.4	2.05E-01	NS
A_64_P014159	CN543219				1.41E-01	NS	1.90E-03	1.4	3.78E-01	NS
A_64_P120734	NM_012842	25313	Egf	epidermal growth factor	1.29E-01	NS	4.25E-02	1.4	9.35E-02	NS
A_44_P181202	NM_001108122	315417	Jrkl	jerky homolog-like (mouse) tumor necrosis factor (ligand) superfamily, member 8	7.29E-02	NS	8.64E-03	1.4	8.45E-03	-1.5
A_64_P139519	XM_001064723	683163	Tnfsf8		5.94E-01	NS	6.79E-03	1.4	8.28E-01	NS
A_64_P083853	NM_001107870	312503	Smyd5	SET and MYND domain containing 5 solute carrier family 7 (cationic amino acid transporter, y+ system), member 4	1.90E-01	NS	2.52E-03	1.4	5.62E-01	NS
A_64_P130962	NM_001107078	303787	Slc7a4		7.42E-01	NS	7.63E-03	1.4	6.24E-01	NS
A_64_P104870	NM_001108918	365361	Lym1	LYR motif containing 1	5.37E-01	NS	3.03E-03	1.4	1.25E-01	NS
A_64_P084323	NM_001034949	500573	Tmco4	transmembrane and coiled-coil domains 4 sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4F	7.32E-01	NS	1.26E-02	1.4	7.92E-02	NS
A_43_P12000	NM_019272	29745	Sema4f		6.97E-01	NS	2.01E-03	1.4	8.06E-01	NS
A_44_P534154	NM_001108852	363886	Cnpy4	canopy 4 homolog (zebrafish)	1.30E-01	NS	4.90E-02	1.4	2.95E-01	NS

A_64_P037587	NM_001099483	502301	Vom2r36	vomeronasal 2 receptor, 36	2.82E-01	NS	3.58E-02	1.4	8.48E-01	NS
A_64_P142141	NM_001033062	290789	Cldn23	claudin 23	8.69E-02	NS	1.11E-02	1.4	4.76E-02	-1.9
A_64_P046049	NM_001008808	300248	Krt73	keratin 73	5.96E-01	NS	1.31E-02	1.4	6.12E-01	NS
A_64_P143991	BC100266				4.12E-01	NS	4.73E-02	1.4	4.87E-01	NS
A_42_P712801	NM_178106	316077	Entpd3	ectonucleoside triphosphate diphosphohydrolase 3	7.49E-02	NS	3.08E-02	1.4	6.94E-02	NS
A_44_P525295	NM_001107822	311825	RGD1307355	similar to gene model 711	4.01E-01	NS	7.65E-03	1.4	2.46E-01	NS
A_64_P128144	XM_344461	364476	Hs6st3	heparan sulfate 6-O-sulfotransferase 3	8.35E-02	NS	2.12E-02	1.4	5.93E-01	NS
A_43_P15253	NM_012967	25464	Icam1	intercellular adhesion molecule 1 similar to Alpha- and gamma-adaptin-binding protein p34	9.05E-01	NS	3.25E-02	1.4	7.60E-01	NS
A_64_P064269		686070	LOC686070		8.56E-01	NS	1.43E-03	1.4	3.51E-01	NS
A_64_P142540	NM_001134569	360487	RGD1561157	RGD1561157 stress-associated endoplasmic reticulum protein 1	4.90E-01	NS	1.97E-02	1.4	7.09E-01	NS
A_44_P193990	NM_030835	80881	Serp1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase-like 1	1.36E-01	NS	4.42E-03	1.4	9.40E-01	NS
A_64_P074246	NM_001015035	367384	B3gnt1	carboxylesterase 3	4.52E-01	NS	1.74E-02	1.4	1.68E-01	NS
A_64_P148413	NM_133295	113902	Ces3	activating signal cointegrator 1 complex subunit 2	1.01E-01	NS	4.46E-02	1.4	1.75E-01	NS
A_43_P23106	NM_001109091	498402	Ascc2		7.24E-01	NS	8.28E-03	1.4	4.66E-01	NS
A_64_P111774	XM_224421				6.15E-01	NS	1.02E-03	1.4	9.24E-01	NS
A_64_P005362	NM_001000843	405132	Olr819	olfactory receptor 819	5.58E-01	NS	2.51E-02	1.4	9.58E-02	NS
A_64_P138291	NM_001106407	294712	Cenpk	centromere protein K	9.27E-02	NS	4.05E-02	1.4	4.27E-01	NS
A_64_P087633	NM_001107653	310152	Slc45a2	solute carrier family 45, member 2	3.50E-01	NS	1.85E-02	1.4	2.63E-02	-1.4
A_44_P309081	NM_021863	60460	Hspa2	heat shock protein alpha 2 protein phosphatase 1, regulatory (inhibitor) subunit 16A	7.48E-01	NS	4.35E-03	1.4	5.80E-01	NS
A_64_P103507	NM_001130566	362944	Ppp1r16a	subunit 16A	2.58E-01	NS	4.57E-04	1.4	7.21E-01	NS
A_64_P002502	XM_001081027	500837	Helb	helicase (DNA) B	2.44E-01	NS	3.01E-02	1.4	7.99E-01	NS
A_44_P412236	NM_053730	114522	Stag3	stromal antigen 3	1.63E-01	NS	6.43E-03	1.4	1.46E-01	NS
A_64_P080566	NM_001010921	494499	LOC494499	LOC494499 protein	6.10E-02	NS	5.52E-03	1.4	7.47E-02	NS
A_64_P002038	XM_001064866				4.99E-01	NS	1.16E-02	1.4	2.94E-01	NS
A_44_P534089	NM_171991	25203	Ccnb1	cyclin B1	8.40E-02	NS	1.16E-02	1.4	3.10E-02	2.7
A_44_P529581	NM_138504	171493	Osgin1	oxidative stress induced growth inhibitor 1	2.52E-01	NS	5.24E-04	1.4	7.28E-01	NS
A_64_P124522	XM_002724542	688163	LOC688163	hypothetical protein LOC688163	6.55E-02	NS	5.67E-03	1.4	1.22E-01	NS
A_44_P785903	NM_001108963	366251	Slc2a10	solute carrier family 2 (facilitated glucose transporter), member 10	8.48E-01	NS	2.56E-02	1.4	1.56E-01	NS
A_44_P339626	NM_001000027	287487	Olr1475	olfactory receptor 1475	4.40E-01	NS	1.44E-02	1.4	3.41E-01	NS
A_44_P409820	NM_012908	25385	Faslg	Fas ligand (TNF superfamily, member 6)	5.79E-02	NS	1.69E-02	1.4	6.18E-01	NS
A_64_P048815	NM_001108252	317398	RGD1562211	similar to ubiquitin specific protease 51	1.33E-01	NS	2.91E-02	1.4	2.61E-02	-3.7
A_44_P406169	NM_022926	29750	Galnt7	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 7 (GalNAc-T7)	9.94E-01	NS	3.39E-02	1.5	8.56E-01	NS
A_44_P175447	XM_218396				9.20E-02	NS	2.48E-03	1.5	6.81E-01	NS
A_64_P011229	XM_002725775				5.51E-02	NS	1.83E-02	1.5	4.22E-01	NS
A_64_P030043	NM_001009512	494231	Vom1r6	vomeronasal 1 receptor, 6	1.24E-01	NS	4.81E-02	1.5	3.68E-01	NS
A_64_P007135	CK598562				3.09E-01	NS	4.50E-02	1.5	4.00E-01	NS
A_44_P503471	NM_030842	81008	Itga7	integrin, alpha 7	5.06E-01	NS	6.63E-03	1.5	1.62E-01	NS
A_44_P638014	NM_001108859	364081	Irf6	interferon regulatory factor 6	2.32E-01	NS	2.09E-02	1.5	8.55E-01	NS
A_44_P417065	XM_001078022	116548	Pcsk5	proprotein convertase subtilisin/kexin type 5	7.93E-01	NS	1.46E-02	1.5	5.92E-01	NS
A_64_P106126	XM_001061854	366078	Sp9	trans-acting transcription factor 9	2.72E-01	NS	2.22E-02	1.5	2.76E-01	NS
A_64_P044987	NM_001135782	502994	Pramef8	PRAME family member 8	2.93E-01	NS	4.15E-02	1.5	8.83E-01	NS
A_64_P152154	NM_001011975	298079	Aldh1b1	aldehyde dehydrogenase 1 family, member B1	5.08E-02	NS	2.45E-02	1.5	7.83E-01	NS
A_42_P784063	NM_199370	25626	Krt8	keratin 8	9.09E-02	NS	3.17E-03	1.5	6.48E-01	NS
A_44_P339571	NM_019290	54230	Btg3	BTG family, member 3	1.82E-01	NS	4.66E-04	1.5	7.38E-01	NS
A_64_P053631	NM_022937	65031	Doc2a	double C2-like domains, alpha	2.76E-01	NS	1.39E-02	1.5	2.48E-01	NS
A_44_P482294	NM_024158	79127	Dck	deoxycytidine kinase	7.93E-02	NS	4.20E-02	1.5	2.33E-01	NS
A_64_P156278	NM_001108122	315417	Jrkl	jerky homolog-like (mouse)	7.61E-02	NS	1.17E-02	1.5	1.14E-01	NS

A_64_P099059	NM_012957	25451	Gabrb2	gamma-aminobutyric acid (GABA) A receptor, beta 2	2.69E-01	NS	4.30E-02	1.5	9.44E-02	NS
A_64_P124210	XM_574101	498819	Greb1l	growth regulation by estrogen in breast cancer-like	9.75E-02	NS	2.36E-02	1.5	2.27E-01	NS
A_42_P543004	NM_058208	84607	Socs2	suppressor of cytokine signaling 2	8.01E-01	NS	1.15E-02	1.5	3.79E-01	NS
A_44_P458855	NM_053881	116660	Ptpn	protein tyrosine phosphatase, receptor type, N	2.79E-01	NS	4.55E-02	1.5	9.43E-01	NS
A_64_P031541	NM_001109976	315139	Map3k7ip1	mitogen-activated protein kinase kinase 7 interacting protein 1	1.91E-01	NS	7.05E-03	1.5	1.45E-01	NS
A_64_P051890	XM_001066357				4.42E-01	NS	1.45E-02	1.5	1.72E-01	NS
A_64_P375942	NM_017043	24693	Ptgs1	prostaglandin-endoperoxide synthase 1	9.63E-01	NS	7.21E-04	1.5	1.92E-01	NS
A_64_P018412	XM_001070398	684439	LOC684439	hypothetical protein LOC684439	5.39E-01	NS	2.58E-02	1.5	9.66E-02	NS
A_64_P036163	NM_001000008	287313	Olr1418	olfactory receptor 1418	5.30E-01	NS	3.10E-02	1.5	8.44E-01	NS
A_64_P002717	XM_001067223				1.43E-01	NS	4.73E-02	1.5	6.05E-01	NS
A_44_P462076	NM_001005383	300981	Acy1	aminoacylase 1	8.78E-01	NS	5.22E-04	1.5	5.47E-01	NS
A_64_P005982	NM_001107131	304375	Arfg2	ArfGAP with FG repeats 2	8.27E-01	NS	1.71E-03	1.5	6.67E-01	NS
A_44_P998384	NM_139338	246234	Slc34a3	solute carrier family 34 (sodium phosphate), member 3	2.01E-01	NS	3.56E-02	1.5	7.55E-01	NS
A_43_P11633	NM_012958	50577	Galn1	galanin receptor 1	6.51E-01	NS	2.87E-02	1.5	9.16E-01	NS
A_64_P004337	XM_001068900	305073	Dtl	denticleless homolog (Drosophila)	1.36E-01	NS	8.32E-03	1.5	4.92E-01	NS
A_44_P189375	NM_001001719	312641	Fancd2	Fanconi anemia, complementation group D2	3.50E-01	NS	4.16E-02	1.5	4.11E-02	2.6
A_43_P13862	CB547252				1.29E-01	NS	2.02E-02	1.5	6.20E-01	NS
A_64_P031162	XM_220113				8.00E-01	NS	8.10E-04	1.5	3.82E-01	NS
A_64_P138337	NM_001024983	297671	RGD1559532	RGD1559532	1.51E-01	NS	4.95E-03	1.5	2.46E-01	NS
A_44_P450159	NM_001108948	365864	Tuft1	tuftelin 1	2.75E-01	NS	3.85E-03	1.5	3.78E-01	NS
A_64_P096763	NM_001109241	500200	Atoh8	atonal homolog 8 (Drosophila)	6.45E-01	NS	2.40E-03	1.5	7.83E-01	NS
A_44_P470884	NM_001107529	308761	Prc1	protein regulator of cytokinesis 1	2.55E-01	NS	2.21E-03	1.5	8.18E-01	NS
A_64_P002756	NM_001007738	361744	RGD1359349	similar to hypothetical protein MGC34760	3.38E-01	NS	3.87E-02	1.5	2.45E-01	NS
A_64_P109222	NM_001099464	685641	Vom2r8	vomerolnasal 2 receptor, 8	1.19E-01	NS	2.09E-02	1.5	3.43E-01	NS
A_64_P064226	NM_017109	29130	Syn3	synapsin III	1.90E-01	NS	5.63E-04	1.5	1.89E-01	NS
A_64_P021566	NM_001108085	314756	Cradd	CASP2 and RIPK1 domain containing adaptor with death domain	4.93E-01	NS	2.04E-02	1.5	5.95E-01	NS
A_44_P260348	XR_085654	689316	LOC689316	hypothetical protein LOC689316	2.11E-01	NS	2.41E-03	1.5	3.56E-01	NS
A_43_P12580	NM_031548	25122	Scnn1a	sodium channel, nonvoltage-gated, type I, alpha	2.04E-01	NS	7.38E-03	1.5	6.81E-01	NS
A_44_P260673	NM_001108197	316216	Taf8	TAF8 RNA polymerase II, TATA box binding protein (TBP)-associated factor	3.33E-01	NS	2.94E-04	1.5	2.14E-01	NS
A_64_P032806	NM_001134575	361719	RGD1308106	LOC361719	5.16E-01	NS	7.76E-03	1.5	4.78E-01	NS
A_64_P093818	XR_006253	303341	LOC303341	hypothetical LOC303341	5.53E-01	NS	1.25E-02	1.5	3.77E-01	NS
A_44_P552624	NM_001000222	293402	Olr259	olfactory receptor 259	7.59E-01	NS	2.08E-02	1.5	3.44E-01	NS
A_64_P106548	NM_001000344	295864	Olr658	olfactory receptor 658	7.56E-01	NS	1.34E-02	1.5	7.36E-01	NS
A_64_P111163	NM_001000315	295768	Olr515	olfactory receptor 515	8.46E-01	NS	1.77E-02	1.5	3.96E-01	NS
A_44_P447585	NM_001166676	100310874	LOC100310874	antisense RNA overlapping MCH	2.02E-01	NS	4.00E-02	1.5	1.14E-01	NS
A_44_P461544	NM_001009470	363088	Ccnb2	cyclin B2	8.39E-01	NS	7.60E-03	1.5	2.39E-02	2.8
A_64_P004839	XM_001064380	296788	RGD1563154	similar to cadherin EGF LAG seven-pass G-type receptor 2	5.00E-01	NS	9.12E-03	1.5	3.11E-02	-2.4
A_64_P042233	XM_001067657				2.97E-01	NS	1.49E-02	1.5	7.05E-01	NS
A_43_P18571	NM_001013965	302991	Tekt4	tektin 4	6.03E-01	NS	7.57E-03	1.5	5.80E-02	NS
A_64_P066782		498924	RGD1565104	similar to Discs, large homolog 5 (Placenta and prostate DLG)	6.79E-01	NS	3.03E-02	1.5	1.61E-01	NS
A_44_P977318	NM_001107170	304741	Tcfcp2l1	transcription factor CP2-like 1	7.81E-02	NS	1.07E-02	1.5	1.89E-01	NS
A_64_P093642	NM_001109083	498310	RGD1562052	similar to DC8/DC31 protein	4.10E-01	NS	4.83E-03	1.5	5.10E-01	NS
A_44_P255305	NM_001107459	308118	Rgs17	regulator of G-protein signaling 17	2.24E-01	NS	7.98E-03	1.6	1.15E-01	NS
A_64_P073738	XR_006574	500700	LOC500700	similar to chromosome 14 open reading frame 145	4.05E-01	NS	1.22E-03	1.6	5.88E-01	NS
A_64_P058599	NM_198790	364021	Rgs12h	regulator of G-protein signaling like 2	8.57E-01	NS	8.99E-03	1.6	4.43E-01	NS
A_64_P075910	NM_001101014	687031	Ajap1	homolog (mouse)	4.21E-01	NS	2.75E-02	1.6	1.62E-02	2.2
				adherens junction associated protein 1						

A_44_P340172	NM_001107780	311446	Hao1	hydroxyacid oxidase (glycolate oxidase) 1	9.23E-02	NS	4.16E-02	1.6	2.38E-01	NS
A_64_P026646	BC158627				9.08E-01	NS	2.18E-02	1.6	4.02E-03	-2.0
A_64_P098260	NM_001106552	296510	Sp5	Sp5 transcription factor	7.96E-02	NS	4.62E-02	1.6	9.00E-01	NS
A_64_P005391	NM_145767	252880	Prrx1	paired related homeobox protein-like 1	8.61E-01	NS	7.00E-03	1.6	1.61E-01	NS
A_64_P152671	XM_229376				3.61E-01	NS	2.30E-02	1.6	5.14E-01	NS
A_64_P085861	NM_001107165	304667	Rtbdn	retbindin	5.08E-01	NS	3.78E-02	1.6	1.95E-01	NS
A_44_P478360	XM_001070192	317589	Mst4	serine/threonine protein kinase MST4	2.84E-01	NS	1.41E-02	1.6	4.49E-01	NS
A_43_P11975	NM_019203	29391	Tsx	testis specific X-linked gene	1.10E-01	NS	7.06E-04	1.6	3.61E-01	NS
A_44_P452282	U09243	50599	Kcnj3	potassium inwardly-rectifying channel, subfamily J, member 3	4.53E-01	NS	4.09E-02	1.6	3.30E-01	NS
A_44_P945669	NM_001025768	499933	Dsn1	DSN1, MIND kinetochore complex component, homolog (S. cerevisiae)	8.33E-02	NS	2.03E-02	1.6	2.69E-01	NS
A_44_P473159	NM_012955	25448	Cenpi	centromere protein I	2.04E-01	NS	2.26E-02	1.6	2.66E-01	NS
A_64_P098537	XM_001078719	687472	LOC687472	hypothetical protein LOC687472	3.12E-01	NS	1.25E-02	1.6	2.82E-02	-2.0
A_64_P079584	NM_053429	84489	Fgfr3	fibroblast growth factor receptor 3	7.89E-01	NS	3.32E-03	1.6	4.11E-01	NS
A_64_P019581	NM_001001102	405998	Olr1531	olfactory receptor 1531	5.78E-01	NS	4.33E-02	1.6	1.95E-01	NS
A_64_P152532	NM_053397	362572	Artn	artemin	5.44E-02	NS	3.34E-02	1.6	6.87E-02	NS
A_64_P112260	XR_008468				7.44E-01	NS	1.01E-02	1.6	8.83E-01	NS
A_64_P002735	XM_229059				1.01E-01	NS	2.09E-02	1.6	3.43E-01	NS
A_64_P154570	NM_001109173	499486	Gpr150	G protein-coupled receptor 150	9.54E-02	NS	1.41E-02	1.6	4.85E-01	NS
A_44_P252517	NM_173149	286934	Havcr1	hepatitis A virus cellular receptor 1	6.61E-01	NS	9.38E-03	1.6	1.76E-02	-2.1
A_64_P090309	XM_001072042				9.37E-01	NS	3.63E-02	1.6	7.72E-01	NS
A_64_P004521	NM_001106808	300458	Npsr1	neuropeptide S receptor 1	1.53E-01	NS	2.21E-02	1.6	1.68E-01	NS
A_64_P080326	XM_218081				1.67E-01	NS	5.93E-03	1.6	1.75E-02	-1.9
A_64_P133766	NM_001077666	287935	RGD1308065	hypothetical LOC287935	7.37E-01	NS	4.06E-02	1.6	7.36E-01	NS
A_64_P071595	XM_002728361	678814	LOC678814	hypothetical protein LOC678814	8.21E-01	NS	6.82E-03	1.6	1.60E-01	NS
A_64_P082495	NM_001134636	500995	RGD1564937	similar to RIKEN cDNA 1110032A03	3.16E-01	NS	2.92E-02	1.6	8.55E-01	NS
A_64_P081772	NM_001107998	313765	Slc35e2	solute carrier family 35, member E2	7.87E-01	NS	3.89E-02	1.6	6.66E-02	NS
A_43_P18802	NM_001009362	301617	Pask	PAS domain containing serine/threonine kinase	5.29E-01	NS	1.14E-04	1.7	3.75E-01	NS
A_44_P140079	NM_001107170	304741	Tcfcp2l1	transcription factor CP2-like 1	1.33E-01	NS	1.11E-02	1.7	1.04E-01	NS
A_44_P205376	NM_001108955	366140	Fjx1	four jointed box 1 (Drosophila)	9.89E-01	NS	1.29E-02	1.7	8.46E-01	NS
A_64_P144123	NM_001100557	304103	Olig2	oligodendrocyte lineage transcription factor 2	2.69E-01	NS	9.20E-03	1.7	2.64E-02	-1.5
A_64_P036049	NM_001107376	307270	Me2	malic enzyme 2, NAD(+)-dependent, mitochondrial	3.30E-01	NS	3.62E-02	1.7	7.06E-01	NS
A_64_P162770	NM_001109346	502736	Cpa4	carboxypeptidase A4	7.61E-01	NS	1.12E-02	1.7	3.04E-01	NS
A_44_P274173	NM_173312	286976	Gcnt3	glucosaminyl (N-acetyl) transferase 3, mucin type	5.58E-02	NS	3.94E-02	1.7	3.32E-01	NS
A_64_P127727	NM_001134881	311785	Psd4	pleckstrin and Sec7 domain containing 4	1.84E-01	NS	5.03E-03	1.7	8.42E-01	NS
A_64_P162500	NM_022628	64563	Nphs1	nephrosis 1 homolog (human)	1.01E-01	NS	2.77E-02	1.7	7.04E-01	NS
A_44_P380182	NM_001109398	680308	Mthfd2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2,						
A_44_P366142	NM_001013181	353227	Zbtb16	methylenetetrahydrofolate cyclohydrolase	2.77E-01	NS	7.60E-03	1.7	2.13E-01	NS
A_44_P943756	NM_001007660	300359	Ccdc82	zinc finger and BTB domain containing 16	5.62E-02	NS	3.57E-02	1.7	4.62E-02	2.1
				coiled-coil domain containing 82	6.50E-01	NS	4.83E-03	1.7	8.78E-01	NS
				small nuclear RNA activating complex,						
A_64_P068267	NM_001109643	691501	Snpc5	polypeptide 5	5.76E-02	NS	1.92E-02	1.7	2.75E-01	NS
A_64_P130390	BC166431	685125	LOC685125	similar to RIKEN cDNA 5031410106	3.75E-01	NS	3.37E-03	1.7	5.10E-01	NS
A_64_P154353	XM_002726524				5.08E-01	NS	1.82E-02	1.7	8.98E-01	NS
A_43_P21748	XM_002728983				3.42E-01	NS	3.21E-03	1.7	5.00E-01	NS
A_64_P022125	NM_134332	171290	Gzmc	granzyme C	9.15E-01	NS	3.36E-02	1.7	4.38E-01	NS
A_64_P138375	NM_001008942	292580	V1rd15	vomeroneasal 1 receptor, D15	2.51E-01	NS		1.7	2.26E-01	NS
A_64_P116137	AB083820				1.86E-01	NS	1.89E-02	1.7	9.37E-01	NS
A_64_P018361	NM_001113787	498591	RGD1559804	similar to hypothetical protein 4930474N05	4.11E-01	NS	2.03E-02	1.7	5.45E-01	NS
A_64_P087683	NM_001047942	499541	LOC499541	LRRGT00045	9.06E-02	NS	4.07E-02	1.7	8.69E-04	-2.0
A_44_P381917	NM_133386	170897	Sphk1	sphingosine kinase 1	1.44E-01	NS	3.04E-02	1.7	2.31E-02	2.5
A_64_P013013	XM_229637	302075	RGD1562989	similar to serine/threonine kinase	7.80E-02	NS	3.03E-02	1.7	2.20E-01	NS
A_44_P928621	NM_001109162	499313	Zbtb3	zinc finger and BTB domain containing 3	6.64E-01	NS	2.88E-02	1.7	6.56E-01	NS
A_44_P104483	XM_222240	304537	Ccdc64	coiled-coil domain containing 64	1.47E-01	NS	7.92E-03	1.7	9.46E-01	NS

A_64_P121276	NM_080775	54303	Smgb	neonatal submandibular gland protein B	8.37E-02	NS	2.26E-02	1.7	9.63E-01	NS
A_64_P015841	XM_001071528	689655	LOC689655	hypothetical protein LOC689655 thymocyte selection-associated high	9.17E-01	NS	4.24E-02	1.7	2.27E-02	-1.9
A_64_P038384	NM_001108654	362481	Tox	mobility group box	2.59E-01	NS	1.93E-02	1.7	6.61E-02	NS
A_64_P032450	NM_172330	282833	Zp4	zona pellucida glycoprotein 4	2.92E-01	NS	3.75E-02	1.8	9.26E-02	NS
A_44_P417595	NM_001007726	360654	Dnai2	dynein, axonemal, intermediate chain 2	7.08E-01	NS	3.03E-03	1.8	8.46E-01	NS
A_43_P12956	NM_053844	116592	Tff2	trefoil factor 2	5.80E-01	NS	2.46E-03	1.8	3.89E-01	NS
A_44_P552514	NM_199489	287673	Ccr7	chemokine (C-C motif) receptor 7	6.31E-02	NS	1.38E-02	1.8	2.09E-01	NS
A_64_P150236	XM_001069843	684315	LOC684315	similar to olfactory receptor Olr74	8.06E-01	NS	1.43E-02	1.8	7.57E-01	NS
A_64_P068913	NM_012648	24767	Scnn1b	sodium channel, nonvoltage-gated 1, beta	4.35E-01	NS	1.24E-02	1.8	4.17E-01	NS
A_64_P135614	NM_001134590				5.33E-01	NS	3.27E-02	1.8	2.29E-01	NS
A_44_P497067	NM_001106650	298031	Susd1	sushi domain containing 1	8.60E-01	NS	3.91E-02	1.8	2.24E-01	NS
A_64_P162010	NM_001111341	690102	Hist2h2ab	histone cluster 2, H2ab	5.09E-01	NS	2.24E-02	1.8	4.76E-01	NS
A_64_P119369	NM_017300	29725	Baat	bile acid Coenzyme A: amino acid N-acyltransferase (glycine N-choloyltransferase)	1.23E-01	NS	4.71E-02	1.8	8.71E-01	NS
A_64_P015079	NM_053691	114482	Nek2	NIMA (never in mitosis gene a)-related expressed kinase 2	6.77E-01	NS	5.65E-04	1.8	6.73E-01	NS
A_64_P036690	XM_001055077	680192	Gpr52	G protein-coupled receptor 52 family with sequence similarity 46, member B	3.54E-01	NS	1.68E-03	1.8	3.30E-01	NS
A_44_P497121	NM_001107907	313019	Fam46b		2.85E-01	NS	7.78E-03	1.8	7.74E-02	NS
A_64_P015104	NM_001106132	291427	Loxhd1	lipoygenase homology domains 1	3.56E-01	NS	1.00E-02	1.8	4.42E-01	NS
A_64_P104810	XM_001068151	288907	Podnl1	podocan-like 1 suppressor of variegation 3-9 homolog 1 (Drosophila)	1.41E-01	NS	2.25E-02	1.8	1.45E-01	NS
A_64_P116981	NM_001106956	302553	Suv39h1		7.76E-01	NS	2.92E-03	1.9	1.54E-01	NS
A_44_P274755	NM_001104612	315073	Jrk	jerky homolog (mouse)	2.28E-01	NS	3.07E-02	1.9	9.38E-01	NS
A_64_P026222	NM_001101019	689757	LOC689757	similar to osteoclast inhibitory lectin	9.45E-01	NS	3.82E-02	1.9	3.39E-01	NS
A_64_P077461	XM_236312	315728	RGD1566296	similar to RIKEN cDNA B230114P05	3.89E-01	NS	6.97E-03	1.9	1.22E-01	NS
A_44_P250520	NM_001079706	309036	RGD1305412	similar to exonuclease NEF-sp similar to Solute carrier family 23, member 2 (Sodium-dependent vitamin C transporter 2)	7.33E-02	NS	1.92E-03	1.9	2.51E-01	NS
A_64_P128022	XM_001067886	312226	RGD1565367		4.64E-01	NS	3.41E-03	1.9	6.02E-01	NS
A_44_P372998	NM_001107900	312913	Cpa6	carboxypeptidase A6	1.07E-01	NS	1.18E-02	1.9	1.88E-01	NS
A_64_P056975	XM_001078307	497856	RGD1563163	similar to hypothetical protein MGC24665 cell division cycle 25 homolog C (S. pombe)	5.42E-01	NS	2.71E-04	1.9	2.51E-01	NS
A_44_P140314	NM_001107396	307511	Cdc25c		7.59E-01	NS	2.15E-02	2.0	3.63E-01	NS
A_44_P459359	NM_001106371	294071	Hells	helicase, lymphoid specific killer cell lectin-like receptor subfamily A, member 22	1.28E-01	NS	2.02E-03	2.0	9.83E-01	NS
A_44_P266817	NM_173291	24933	Klra22		2.51E-01	NS	4.33E-03	2.0	4.42E-01	NS
A_64_P003894	NM_001173449	500237	Cml2	camello-like 2	9.77E-02	NS	4.36E-02	2.0	2.71E-01	NS
A_64_P043488	XM_580116	500729	RGD1559843	RGD1559843	7.19E-01	NS	1.36E-02	2.0	2.74E-01	NS
A_64_P011075	XR_005460	314415	RGD1304878	similar to 2410024A21Rik protein solute carrier family 36 (proton/amino acid symporter), member 3	5.65E-01	NS	6.44E-03	2.0	1.82E-01	NS
A_44_P222936	NM_001024764	303148	Slc36a3		2.08E-01	NS	1.35E-03	2.0	8.64E-01	NS
A_44_P254984	NM_013161	25702	Pnlp	pancreatic lipase	7.57E-01	NS	2.02E-05	2.0	7.43E-02	NS
A_64_P148931	NM_001109567	690206	LOC690206	hypothetical protein LOC690206	2.40E-01	NS	1.20E-02	2.0	2.98E-01	NS
A_44_P255654	XM_002726327				2.08E-01	NS	3.18E-03	2.0	1.95E-01	NS
A_64_P161691	AY325233				7.83E-01	NS	1.84E-02	2.0	1.50E-01	NS
A_44_P555399	NM_001011913	289777	Figl1	fidgetin-like 1 coagulation factor V (proaccelerin, labile factor)	7.64E-02	NS	1.57E-02	2.0	3.65E-01	NS
A_43_P23092	NM_001047878	304929	F5		6.75E-02	NS	9.61E-03	2.0	2.14E-02	-2.5
A_44_P1045986	NM_001106625	297698	Erp27	endoplasmic reticulum protein 27 ectonucleotide	8.84E-01	NS	3.65E-02	2.0	2.42E-01	NS
A_64_P058107	NM_001107311	306460	Enpp6	pyrophosphatase/phosphodiesterase 6	2.67E-01	NS	2.27E-02	2.0	7.47E-01	NS
A_64_P013002	XM_001072551	684932	LOC684932	similar to Zinc finger protein 75	7.01E-01	NS	1.65E-02	2.1	1.02E-03	-2.3
A_64_P026908	NM_001107193	304935	Tbx19	T-box 19	9.54E-01	NS	2.19E-02	2.1	3.90E-01	NS
A_44_P837192	XM_002726414	685999	Uroc1	urocanase domain containing 1	7.68E-01	NS	1.08E-02	2.1	2.21E-01	NS
A_44_P473711	XM_002724597				6.28E-01	NS	8.32E-03	2.1	8.48E-01	NS
A_64_P122979	NM_001103355	100125363	Fbx13	F-box and leucine-rich repeat protein 13	7.96E-01	NS	1.63E-03	2.1	8.40E-01	NS

A_64_P106440	XM_347335	368178	Hoxc9	homeobox C9	6.62E-01	NS	2.57E-02	2.1	3.19E-01	NS
A_64_P010109	NM_001177819	100362110	LOC100362111	LCRRGT00155-like	6.33E-01	NS	1.50E-02	2.1	1.66E-01	NS
A_64_P100158	XM_001069272				6.94E-01	NS	4.81E-02	2.1	5.47E-01	NS
A_64_P003854	J04544	24476	lapp	islet amyloid polypeptide	4.93E-01	NS	1.02E-02	2.1	2.30E-01	NS
A_42_P604033	NM_172047	266787	Eaf2	ELL associated factor 2	7.37E-02	NS	4.65E-02	2.1	1.53E-01	NS
A_64_P129300	XM_001081650				1.31E-01	NS	1.22E-02	2.1	4.92E-02	-1.5
A_44_P945723	NM_001107469	308266	Zc3h12d	zinc finger CCCH type containing 12D	5.33E-01	NS	6.04E-03	2.2	6.97E-01	NS
A_64_P075957	XM_001066935	313482	Zyg11a	zyg-11 homolog A (C. elegans)	1.53E-01	NS	6.00E-03	2.2	2.80E-01	NS
A_64_P050418	XM_218282				1.09E-01	NS	3.49E-02	2.2	7.60E-01	NS
A_44_P554985	NM_001001089	405983	Olr1391	olfactory receptor 1391	7.70E-02	NS	9.49E-04	2.2	4.14E-01	NS
A_64_P129792	NM_001001287	405907	Olr77	olfactory receptor 77	5.13E-01	NS	7.80E-03	2.2	5.86E-01	NS
A_64_P025002	NM_001080938	690472	Tas2r124	taste receptor, type 2, member 124	3.13E-01	NS	1.52E-02	2.3	8.01E-01	NS
A_44_P335446	NM_001012089	311406	Dusp2	dual specificity phosphatase 2	7.77E-01	NS	3.64E-02	2.3	8.87E-01	NS
A_64_P022399	BX883050				3.66E-01	NS	1.59E-02	2.4	2.03E-01	NS
A_44_P344492	NM_001012226	367264	Stat4	signal transducer and activator of transcription 4	7.72E-01	NS	3.67E-02	2.4	4.01E-01	NS
A_64_P074775	NM_001012230	497101	Xkrx	XK, Kell blood group complex subunit-related, X-linked	6.20E-01	NS	3.24E-02	2.4	9.39E-01	NS
A_64_P312344	XM_001078375	311404	Ap4e1	adaptor-related protein complex 4, epsilon 1 subunit	7.83E-01	NS	1.41E-02	2.4	1.97E-01	NS
A_64_P098631	NM_001106517	296188	Sptlc3	serine palmitoyltransferase, long chain base subunit 3	9.52E-01	NS	1.00E-04	2.4	3.41E-01	NS
A_42_P674050	NM_001107225	305438	Sorcs2	sortilin-related VPS10 domain containing receptor 2	6.16E-01	NS	7.97E-03	2.7	8.95E-01	NS
A_64_P030739	NM_030997	29461	Vgf	VEGF nerve growth factor inducible	9.75E-02	NS	4.55E-02	2.7	3.35E-02	2.6
A_64_P093320	XM_001054194	679721	LOC679721	similar to MIC2 like 1	8.81E-01	NS	1.73E-04	2.8	2.01E-01	NS
A_64_P070318	XR_009032	500902	RGD1565356	similar to RIKEN cDNA 2210421G13	8.40E-01	NS	3.81E-02	2.9	5.83E-01	NS
A_64_P006998	NM_001025138	498365	Tmem156	transmembrane protein 156	2.04E-01	NS	4.76E-02	3.0	8.47E-01	NS
A_42_P602724	NM_053299	29168	Ubd	ubiquitin D	1.76E-01	NS	1.46E-02	5.3	7.22E-01	NS
A_44_P103225	NM_001108140	315609	Cd3e	CD3 molecule, epsilon polypeptide	1.88E-01	NS	2.90E-02	6.4	9.81E-01	NS
A_44_P828963	NM_001024344	500449	Sit1	signaling threshold regulating transmembrane adaptor 1	3.50E-01	NS	3.68E-02	6.6	6.90E-01	NS
A_42_P823322	NM_017315	50621	Slc23a1	solute carrier family 23 (nucleobase transporters), member 1	2.80E-01	NS	8.81E-02	NS	4.53E-02	-5.8
A_64_P116977	XM_001081860	501530	RGD1560792	RGD1560792	9.94E-01	NS	3.78E-01	NS	2.09E-02	-5.0
A_43_P19822	NM_001013867	288478	RspH10b	radial spoke head 10 homolog B (Chlamydomonas)	9.39E-01	NS	2.94E-01	NS	4.98E-02	-4.3
A_64_P015951	NM_001047947	499573	LOC499573	LRRGT00056	6.08E-02	NS	7.31E-01	NS	4.58E-02	-4.0
A_64_P039192	XM_001056753	315350	Irs4	insulin receptor substrate 4	1.16E-01	NS	4.55E-01	NS	1.87E-02	-4.0
A_44_P105337	XM_345366				9.31E-01	NS	3.69E-01	NS	1.84E-02	-4.0
A_44_P117744	NM_021703	60332	Akap14	A kinase (PRKA) anchor protein 14	9.58E-01	NS	8.16E-01	NS	4.97E-03	-4.0
A_64_P144338	XM_576362				2.49E-01	NS	4.29E-01	NS	4.05E-02	-3.9
A_64_P094327	NM_031597	29682	Kcnq3	potassium voltage-gated channel, KQT-like subfamily, member 3	9.13E-02	NS	5.04E-01	NS	2.02E-02	-3.9
A_42_P594793	NM_138836	192107	Prss8	protease, serine, 8	1.89E-01	NS	4.36E-01	NS	4.59E-02	-3.8
A_44_P173127	XM_223400				3.61E-01	NS	7.41E-01	NS	4.19E-02	-3.8
A_44_P578061	NM_001106456	295326	RGD1308694	similar to hypothetical protein MGC47256	6.56E-01	NS	3.33E-01	NS	2.97E-02	-3.7
A_64_P108389	NM_001108036	314262	Plekhh1	pleckstrin homology domain containing, family H (with MyTH4 domain) member 1	9.02E-01	NS	8.54E-01	NS	5.06E-03	-3.7
A_64_P140316	NM_001047967	501233	LOC501233	LRRGT00080	3.24E-01	NS	9.53E-01	NS	1.09E-02	-3.7
A_64_P094722	XR_009018	299637	RGD1561530	similar to Tie6 protein	3.61E-01	NS	1.39E-01	NS	4.63E-02	-3.7
A_43_P15439	NM_133597	171131	Chrn3	cholinergic receptor, nicotinic, beta 3	8.79E-01	NS	4.35E-01	NS	2.06E-02	-3.7
A_64_P009057	XM_229254				6.70E-01	NS	6.02E-01	NS	4.21E-02	-3.7
A_44_P576822	NM_080771	25196	Inhbb	inhibin beta-B	1.40E-01	NS	2.22E-01	NS	3.28E-02	-3.5
A_64_P105362	NM_001127486	311113	RGD1308818	similar to hypothetical protein	3.18E-01	NS	5.18E-01	NS	4.88E-02	-3.5
A_64_P060003	XM_002724669	303039	Wwc1	WW and C2 domain containing 1	3.06E-01	NS	7.63E-01	NS	4.42E-02	-3.5
A_64_P109118	NM_023096	65272	Kcnk10	potassium channel, subfamily K, member 10	6.25E-01	NS	5.39E-01	NS	3.25E-02	-3.4
A_44_P337914	XM_229254				6.89E-01	NS	3.41E-01	NS	4.38E-04	-3.4
A_64_P305283	XM_001073783				3.55E-01	NS	6.10E-01	NS	1.57E-02	-3.4

A_64_P140950	NM_001000405	298049	Olr841	olfactory receptor 841	9.81E-01	NS	9.36E-02	NS	1.41E-02	-3.3
A_64_P067447	NM_001109440	681337	Acot4	acyl-CoA thioesterase 4	8.95E-01	NS	5.82E-01	NS	3.32E-02	-3.3
A_44_P159155	XM_227688				4.70E-01	NS	6.87E-01	NS	9.62E-03	-3.3
A_64_P127748	NM_001002024	432363	Slco4c1	solute carrier organic anion transporter family, member 4C1	8.75E-02	NS	1.50E-01	NS	4.50E-02	-3.3
A_64_P005907	NM_131912	170739	Kcnh7	potassium voltage-gated channel, subfamily H (eag-related), member 7	1.91E-01	NS	4.20E-01	NS	5.53E-03	-3.3
A_64_P012388	NM_001107038	303443	Stxbp4	syntaxin binding protein 4	7.66E-01	NS	9.48E-01	NS	1.47E-02	-3.3
A_64_P109909	XM_002726209	296512	Fmn1	formin 1	9.79E-02	NS	9.78E-01	NS	3.48E-02	-3.3
A_44_P1028743	NM_001109304	501121	Cfc1	cripto, FRL-1, cryptic family 1	5.53E-02	NS	2.41E-01	NS	2.02E-02	-3.3
A_64_P002661	XM_001061908	295071	RGD1559622	similar to hypothetical protein C130079G13	2.57E-01	NS	6.76E-02	NS	2.22E-03	-3.2
A_44_P511470	XM_001070204	363288	Kif1a	kinesin family member 1A	4.35E-01	NS	1.76E-01	NS	1.56E-03	-3.2
A_64_P082281	NM_024378	79219	Grid1	glutamate receptor, ionotropic, delta 1	3.60E-01	NS	5.72E-01	NS	1.03E-03	-3.2
A_64_P090921	NM_001013962	302845	LOC302845	similar to mage-k1	1.07E-01	NS	7.44E-01	NS	3.62E-03	-3.2
A_44_P119575	XM_343438				2.45E-01	NS	9.42E-01	NS	3.28E-02	-3.1
A_64_P064671	XM_001054278	116694	Capn9	calpain 9	1.23E-01	NS	2.64E-01	NS	4.10E-03	-3.1
A_42_P632469	NM_001106171	291908	Tox3	TOX high mobility group box family member 3	2.87E-01	NS	5.42E-01	NS	4.16E-02	-3.1
A_44_P363291	NM_023096	65272	Kcnk10	potassium channel, subfamily K, member 10	9.42E-01	NS	9.83E-01	NS	4.43E-02	-3.0
A_44_P449764	NM_032990	29628	Gria3	glutamate receptor, ionotropic, AMPA 3	7.37E-02	NS	9.10E-01	NS	7.49E-03	-3.0
A_43_P22944	NM_201655	291850	Tepp	testis, prostate and placenta expressed	1.36E-01	NS	1.18E-01	NS	2.32E-02	-3.0
A_64_P109232	NM_001109149	499194	Nmb	neuromedin B	5.07E-02	NS	1.16E-01	NS	2.23E-02	-3.0
A_64_P059964	NM_001013858	287472	Tlcd1	TLC domain containing 1	1.07E-01	NS	1.07E-01	NS	4.79E-02	-3.0
A_64_P057740	NM_001107732	311051	Ccdc148	coiled-coil domain containing 148	2.80E-01	NS	3.62E-01	NS	4.60E-02	-2.9
A_44_P1035656	NM_012752	25145	Cd24	CD24 molecule	8.08E-02	NS	3.93E-01	NS	4.97E-02	-2.9
A_64_P016548	NM_053424	84484	Slc4a4	solute carrier family 4 (anion exchanger), member 4	5.85E-02	NS	2.99E-01	NS	1.92E-02	-2.9
A_44_P364447	NM_001014102	316426	Spats2l	spermatogenesis associated, serine-rich 2-like	8.51E-02	NS	5.18E-01	NS	4.67E-03	-2.9
A_44_P1010902	NM_031702	65132	Cldn7	claudin 7	1.32E-01	NS	1.73E-01	NS	4.17E-02	-2.9
A_44_P1039871	NM_001024265	315665	RGD1311251	similar to RIKEN cDNA 4930550C14	4.23E-01	NS	4.53E-01	NS	3.73E-03	-2.9
A_44_P651881	XR_085592				1.69E-01	NS	2.82E-01	NS	4.09E-02	-2.9
A_64_P142625	NM_001079890	312790	Gprc5a	G protein-coupled receptor, family C, group 5, member A	6.12E-01	NS	1.91E-01	NS	1.75E-02	-2.9
A_64_P009212	NM_053591	94199	Dpep1	dipeptidase 1 (renal)	3.87E-01	NS	8.00E-01	NS	2.72E-02	-2.9
A_44_P628515	BG666881				9.63E-01	NS	5.67E-01	NS	1.99E-02	-2.9
A_64_P033710	XM_001081149	363667	Hlf	hepatic leukemia factor	6.78E-01	NS	7.25E-01	NS	1.85E-03	-2.9
A_64_P140761	NM_130417	155430	Hey2	hairy/enhancer-of-split related with YRPW motif 2	5.82E-01	NS	8.45E-01	NS	5.13E-03	-2.9
A_44_P1007870	NM_001106541	296366	Wfdc3	WAP four-disulfide core domain 3	1.61E-01	NS	7.84E-01	NS	1.59E-02	-2.8
A_64_P003997	NM_131906	170698	Slco1a4	solute carrier organic anion transporter family, member 1a4	2.24E-01	NS	1.12E-01	NS	3.29E-02	-2.8
A_64_P261822	NM_053945	116839	Rims2	regulating synaptic membrane exocytosis 2	9.45E-01	NS	7.54E-01	NS	4.34E-02	-2.8
A_64_P059257	NM_138511	171517	Gpc2	glypican 2	3.45E-01	NS	6.72E-01	NS	1.95E-02	-2.8
A_64_P133992	NM_001008825	366992	Kb15	type II keratin Kb15	1.61E-01	NS	8.52E-01	NS	3.90E-02	-2.8
A_64_P005952	NM_016993	24224	Bcl2	B-cell CLL/lymphoma 2	1.74E-01	NS	9.73E-01	NS	3.63E-02	-2.8
A_43_P13454	NM_001108578	362107	Aif1l	allograft inflammatory factor 1-like	2.31E-01	NS	5.20E-01	NS	4.64E-02	-2.8
A_42_P567268	NM_001137564	689415	Mt2A	metallothionein 2A	6.42E-01	NS	1.65E-01	NS	1.54E-02	-2.8
A_64_P134581	NM_001134507	293613	RGD1309350	similar to transthyretin (4L369)	9.67E-02	NS	1.70E-01	NS	2.19E-02	-2.8
A_64_P154122	NM_053562	89826	Rpe65	retinal pigment epithelium 65	5.47E-01	NS	2.37E-01	NS	4.88E-02	-2.8
A_64_P014058	NM_001177909	100366030	LOC100366030	CG37858-like	6.46E-02	NS	2.49E-01	NS	4.12E-02	-2.8
A_44_P129330	NM_001107505	308516	Rhpn2	rhopilin, Rho GTPase binding protein 2	5.15E-02	NS	5.15E-01	NS	2.62E-02	-2.7
A_64_P094120	NM_001001278	293815	Olr382	olfactory receptor 382	8.37E-01	NS	3.73E-01	NS	7.88E-04	-2.7
A_64_P163277	XM_001079039	296152	Tgm6	transglutaminase 6	8.42E-01	NS	9.66E-01	NS	2.75E-02	-2.7
A_42_P603980	NM_173109	286888	Wfdc2	WAP four-disulfide core domain 2	1.86E-01	NS	6.64E-01	NS	4.64E-02	-2.7
A_64_P074806	NM_001108936	365657	Marveld2	MARVEL domain containing 2	9.42E-01	NS	8.98E-01	NS	1.92E-04	-2.7

A_64_P016549	NM_053424	84484	Slc4a4	solute carrier family 4 (anion exchanger), member 4	9.20E-02	NS	4.80E-01	NS	9.34E-03	-2.7
A_64_P006625	NM_001134701	100188935	Rt1.aa	MHC class I RT1.Aa alpha-chain	2.13E-01	NS	8.24E-01	NS	4.34E-02	-2.7
A_64_P056939	XM_001053285	678755	LOC678755	similar to Spetex-2F protein	1.48E-01	NS	3.49E-01	NS	3.31E-02	-2.7
A_42_P633797	NM_001011928	291984	Dpep2	dipeptidase 2	1.48E-01	NS	6.52E-01	NS	4.93E-02	-2.7
A_64_P020804	NM_001107402	307563	Dsc3	desmocollin 3	4.60E-01	NS	2.87E-01	NS	1.42E-02	-2.7
A_43_P11843	NM_017163	29323	Slc6a18	solute carrier family 6, member 18	7.47E-01	NS	1.04E-01	NS	5.17E-04	-2.6
A_64_P110294	XM_001059222	680865	Tex13b	testis expressed 13B	2.83E-01	NS	7.70E-01	NS	8.51E-03	-2.6
A_64_P096006	NM_001113753	365313	Xrra1	X-ray radiation resistance associated 1 membrane bound O-acyltransferase domain containing 2	5.83E-01	NS	3.80E-01	NS	3.63E-02	-2.6
A_43_P21870	NM_001108016	313997	Mboat2	domain containing 2	6.55E-02	NS	6.93E-01	NS	1.82E-02	-2.6
A_64_P081551	BP474671				7.40E-01	NS	2.64E-01	NS	4.29E-02	-2.6
A_64_P132726	XR_085881	690120	LOC690120	hypothetical protein LOC690120	3.37E-01	NS	2.06E-01	NS	2.66E-02	-2.6
A_64_P137491	NM_001100540	298917	lah1	isoamyl acetate-hydrolyzing esterase 1 homolog (S. cerevisiae)	2.63E-01	NS	8.88E-01	NS	2.90E-02	-2.6
A_43_P11684	NM_013059	25586	Alpl	alkaline phosphatase, liver/bone/kidney	4.33E-01	NS	8.39E-01	NS	2.92E-03	-2.6
A_44_P187181	NM_012630	24684	Prlr	prolactin receptor	2.50E-01	NS	4.54E-01	NS	2.91E-02	-2.6
A_64_P094796	NM_133513	65182	Prol1	proline rich, lacrimal 1	4.96E-01	NS	9.40E-01	NS	4.42E-02	-2.6
A_44_P515895	XM_001068791	297025	Kel	Kell blood group, metallo-endopeptidase	3.07E-01	NS	3.59E-01	NS	1.22E-02	-2.6
A_64_P068197	NM_138872	85435	Smad9	SMAD family member 9	5.51E-01	NS	3.62E-01	NS	3.06E-02	-2.5
A_64_P095620	XM_001053146	499276	LOC499276	similar to RIKEN cDNA 1700022C21	7.12E-01	NS	2.65E-01	NS	4.70E-02	-2.5
A_64_P091995	NM_001109132	498950	Marveld3	MARVEL domain containing 3	2.07E-01	NS	2.67E-01	NS	1.64E-02	-2.5
A_43_P11563	NM_012784	25248	Cnr1	cannabinoid receptor 1 (brain)	5.09E-01	NS	8.08E-01	NS	4.72E-03	-2.5
A_64_P005557	XM_001057905	680589	LOC680589	hypothetical protein LOC680589	1.13E-01	NS	2.65E-01	NS	3.28E-02	-2.5
A_64_P082466	NM_001008939	494286	Vom1r46	vomeroneasal 1 receptor, 46	2.47E-01	NS	4.15E-01	NS	2.77E-03	-2.5
A_64_P124833	XM_002725649	100365247	LOC100365247	hypothetical protein LOC100365247	2.81E-01	NS	3.07E-01	NS	4.81E-02	-2.5
A_64_P082678	BC168970	364952	Nkd1	naked cuticle homolog 1 (Drosophila)	1.70E-01	NS	3.50E-01	NS	4.73E-02	-2.5
A_44_P480032	NM_001000387	296678	Olf416	olfactory receptor 416	9.44E-01	NS	6.65E-02	NS	3.91E-02	-2.5
A_64_P019106	NM_001106840	300850	Gsta4	glutathione S-transferase alpha 4	1.21E-01	NS	3.45E-01	NS	2.32E-02	-2.5
A_44_P107308	NM_012959	25454	Gfra1	GDNF family receptor alpha 1 phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	1.36E-01	NS	3.20E-01	NS	2.53E-02	-2.5
A_44_P343060	NM_022213	60664	Pik3r3	subunit 3 (gamma)	8.27E-01	NS	9.72E-01	NS	6.14E-03	-2.5
A_64_P061590	XM_001081228	688126	LOC688126	hypothetical protein LOC688126	1.53E-01	NS	3.33E-01	NS	2.40E-02	-2.5
A_44_P368178	NM_001171096	100328908	RGD1565819	similar to C20orf174	6.65E-01	NS	7.19E-01	NS	2.79E-02	-2.5
A_44_P194230	NM_022632	360272	Slit2	slit homolog 2 (Drosophila)	1.30E-01	NS	2.08E-01	NS	1.19E-02	-2.5
A_44_P379588	NM_013123	25663	Il1r1	interleukin 1 receptor, type I	6.45E-01	NS	3.00E-01	NS	7.98E-03	-2.5
A_64_P124751	AB008908	63851	Fgf14	fibroblast growth factor 14	2.61E-01	NS	3.59E-01	NS	1.91E-02	-2.5
A_64_P036474	NM_173109	286888	Wfdc2	WAP four-disulfide core domain 2	1.39E-01	NS	3.75E-01	NS	4.98E-02	-2.5
A_64_P003830	XM_229294				6.13E-01	NS	8.12E-01	NS	3.15E-02	-2.5
A_42_P664274	NM_001079705	292139	RGD1311558	similar to 4930506M07Rik protein	1.33E-01	NS	4.15E-01	NS	3.68E-02	-2.5
A_64_P017758	NM_001126086	500606	Morn2	MORN repeat containing 2	1.35E-01	NS	6.22E-01	NS	1.68E-02	-2.5
A_64_P047770	XM_001064806				2.27E-01	NS	1.21E-01	NS	4.66E-02	-2.5
A_44_P440381	AY321326				3.18E-01	NS	6.75E-01	NS	3.02E-02	-2.5
A_64_P162418	NM_001135087	681033	Tessp1	testis serine protease 1	8.97E-02	NS	8.86E-01	NS	2.42E-02	-2.4
A_64_P122327	XM_001073821	686376	LOC686376	similar to oocyte specific homeobox 6	2.39E-01	NS	7.32E-02	NS	2.58E-02	-2.4
A_64_P153105	NM_001106424	294945	RGD1562890	RGD1562890	8.46E-01	NS	1.35E-01	NS	1.41E-03	-2.4
A_64_P089627	CK469547	680872	LOC680872	hypothetical protein LOC680872	5.52E-01	NS	1.46E-01	NS	2.52E-02	-2.4
A_64_P072933	NM_001107591	309377	Sfrp5	secreted frizzled-related protein 5	8.47E-02	NS	1.54E-01	NS	4.53E-02	-2.4
A_64_P070008	NM_001099647	685045	LOC685045	similar to Protein C6orf115	5.29E-01	NS	7.67E-01	NS	1.60E-03	-2.4
A_64_P037112	XM_002728976	502448	RGD1563833	similar to putative homeobox protein	9.77E-01	NS	5.18E-01	NS	3.33E-02	-2.4
A_64_P009123	XM_001066662	498305	Spta17	spermatogenesis associated 17	2.13E-01	NS	4.46E-01	NS	1.90E-02	-2.4
A_64_P003926	XR_007267	500265	LOC500265	nucleoporin 50-like	9.61E-01	NS	2.24E-01	NS	2.74E-02	-2.4
A_64_P078185	NM_001172845	287168	Hbz	hemoglobin, zeta	1.28E-01	NS	8.13E-01	NS	4.61E-02	-2.4
A_64_P055823	XM_001056790	291423	Setbp1	SET binding protein 1	5.49E-01	NS	3.14E-01	NS	4.93E-03	-2.4
A_44_P1016829	NM_023985	78969	Trib1	tribbles homolog 1 (Drosophila)	1.56E-01	NS	7.39E-01	NS	2.02E-02	-2.4
A_64_P065912	NM_001107218	305408	Gpr125	G protein-coupled receptor 125	1.68E-01	NS	2.41E-01	NS	4.54E-03	-2.4
A_64_P099891	NM_001110334	83785	Vegfa	vascular endothelial growth factor A	2.00E-01	NS	8.36E-01	NS	6.12E-04	-2.4
A_64_P106968	NM_001100770	366001	Arrdc1	arrestin domain containing 1	5.47E-02	NS	3.11E-01	NS	1.51E-02	-2.4
A_44_P419426	NM_001146035	305355	Tlr10	toll-like receptor 10	2.78E-01	NS	9.47E-01	NS	4.98E-02	-2.4
A_64_P123603	NM_138826	24567	Mt1a	metallothionein 1a	7.48E-01	NS	6.21E-01	NS	4.04E-02	-2.4

A_64_P011854	NM_001077651	432358	Elavl4	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)	1.38E-01	NS	9.38E-01	NS	2.75E-02	-2.4
A_44_P147396	XM_001053920	296409	Cass4	Cas scaffolding protein family member 4	6.90E-02	NS	3.08E-01	NS	9.63E-03	-2.4
A_44_P1050809	NM_001024909	500925	MGC114464	similar to expressed sequence A1836003	9.89E-01	NS	7.92E-01	NS	2.48E-02	-2.4
A_64_P068594	NM_001134841	298657	Car6	carbonic anhydrase 6	7.59E-02	NS	2.20E-01	NS	8.14E-03	-2.4
A_44_P133485	NM_001108672	362564	Bend5	BEN domain containing 5	9.37E-02	NS	5.24E-01	NS	3.27E-02	-2.4
A_64_P155920	NM_053878	116657	Cplx2	complexin 2	5.44E-02	NS	4.43E-01	NS	1.34E-02	-2.3
A_64_P009527	XM_001065498				5.07E-01	NS	9.87E-01	NS	6.82E-03	-2.3
A_43_P11667	NM_013029	25547	St8sia3	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3	2.85E-01	NS	8.12E-01	NS	4.07E-02	-2.3
A_64_P107190	XM_001065910				5.20E-02	NS	2.60E-01	NS	1.04E-03	-2.3
A_64_P044191	NM_001106233	292706	RGD1311676	similar to RIKEN cDNA 1700008P20	3.81E-01	NS	2.91E-01	NS	1.37E-02	-2.3
A_44_P426717	NM_001106126	291354	Enkur	enkurin, TRPC channel interacting protein	2.01E-01	NS	5.58E-01	NS	4.09E-02	-2.3
A_44_P299598	NM_001109880	24171	Add2	adducin 2 (beta)	2.59E-01	NS	1.95E-01	NS	1.90E-02	-2.3
A_64_P138328	XM_341470	361188	LOC361188	similar to WD repeat domain 17	6.81E-02	NS	7.66E-01	NS	2.02E-02	-2.3
A_64_P070706	NM_001127452	294499	RGD1305587	similar to RIKEN cDNA 2010107G23	2.74E-01	NS	4.87E-01	NS	3.63E-02	-2.3
A_64_P148550	NM_053771	114903	Lim2	lens intrinsic membrane protein 2	5.35E-01	NS	5.72E-01	NS	1.47E-02	-2.3
A_42_P791436	NM_012750	25136	Gfra2	GDNF family receptor alpha 2	2.47E-01	NS	6.08E-01	NS	2.26E-02	-2.3
A_64_P010353	NM_001017468	365212	Mill2	MHC I like leukocyte 2	4.63E-01	NS	5.79E-01	NS	3.66E-03	-2.3
A_64_P139250	NM_001047100	314636	Tmprss9	transmembrane protease, serine 9	1.42E-01	NS	4.47E-01	NS	1.78E-02	-2.3
A_43_P15386	NM_019622	56227	Espn	espin	4.48E-01	NS	3.09E-01	NS	3.39E-02	-2.3
A_64_P083888	NM_001013071	293888	Tm7sf2	transmembrane 7 superfamily member 2	6.73E-02	NS	7.39E-01	NS	4.55E-02	-2.3
A_64_P060303	NM_032616	64355	Lsr	lipolysis stimulated lipoprotein receptor similar to Glutathione S-transferase 8 (GST 8-8) (Chain 8) (GST class-alpha)	2.07E-01	NS	3.97E-01	NS	3.43E-02	-2.3
A_64_P317212	XM_576040	500661	RGD1564906	serine (or cysteine) peptidase inhibitor, clade B, member 6b	7.87E-02	NS	1.97E-01	NS	3.40E-02	-2.3
A_42_P683837	NM_001012214	364705	Serpinb6b	similar to T-cell activation Rho GTPase-activating protein isoform b	5.83E-01	NS	1.61E-01	NS	1.92E-02	-2.3
A_64_P080894	NM_001014252	365791	LOC365791	histone deacetylase 11	1.79E-01	NS	4.21E-01	NS	1.88E-02	-2.3
A_42_P493900	NM_001106610	297453	Hdac11	olfactory receptor 1226	2.75E-01	NS	6.95E-01	NS	3.52E-02	-2.3
A_64_P049659	NM_001000442	300551	Olr1226	coxsackie virus and adenovirus receptor-like 1	5.85E-02	NS	9.53E-01	NS	3.21E-02	-2.3
A_64_P089170	NM_199406	361873	Cxadr1	abhydrolase domain containing 14A	1.25E-01	NS	5.72E-01	NS	1.82E-02	-2.3
A_64_P026828	NM_001009670	300982	Abhd14a	fascin homolog 3, actin-bundling protein, testicular (Strongylocentrotus purpuratus)	1.54E-01	NS	4.60E-01	NS	1.55E-02	-2.3
A_44_P416738	NM_001004232	296947	Fscn3	sperm acrosome associated 5	4.04E-01	NS	3.87E-01	NS	3.28E-02	-2.3
A_43_P22761	NM_001108058	314431	Spaca5	similar to TDPOZ3	4.81E-01	NS	4.32E-01	NS	2.91E-02	-2.3
A_64_P036576	NM_001100985	365855	RGD1563667	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	4.96E-01	NS	3.82E-01	NS	8.19E-03	-2.3
A_44_P538551	NM_031755	81613	Ceacam1	PNMA-like 1	1.37E-01	NS	5.07E-02	NS	1.03E-02	-2.2
A_44_P365632	NM_001108473	361515	Pnmal1	vomerolnasal 1 receptor, 36	9.43E-01	NS	3.56E-01	NS	2.68E-02	-2.2
A_64_P055318	NM_001008913	494264	Vom1r36	discs, large homolog 5 (Drosophila)	9.25E-01	NS	1.57E-01	NS	2.53E-02	-2.2
A_64_P121836	NM_001107247	305645	Dlg5	prolactin family 6, subfamily a, member 1	6.91E-02	NS	1.52E-01	NS	2.48E-02	-2.2
A_43_P14591	NM_022176	24657	Prl6a1	desmoglein 2	3.66E-01	NS	9.35E-01	NS	6.61E-03	-2.2
A_64_P151592	XM_229124			metallothionein 2A	3.09E-01	NS	8.28E-01	NS	8.99E-04	-2.2
A_64_P092394	XM_001054396	307562	Dsg2	protein tyrosine phosphatase, receptor type, F	2.75E-01	NS	1.13E-01	NS	4.26E-02	-2.2
A_64_P158939	NM_001137564	689415	Mt2A	similar to Proteasome subunit alpha type 7-like	7.95E-01	NS	6.15E-01	NS	3.19E-02	-2.2
A_43_P11993	NM_019249	360406	Ptprf	amyloid P component, serum	1.73E-01	NS	5.05E-01	NS	1.46E-02	-2.2
A_64_P124080	NM_001108884	364814	RGD1311659	nuclear receptor subfamily 1, group H, member 4	6.68E-02	NS	7.61E-01	NS	4.81E-02	-2.2
A_44_P437966	NM_017170	29339	Apcs	alcohol dehydrogenase 4 (class II), pi polypeptide	1.90E-01	NS	2.08E-01	NS	1.52E-03	-2.2
A_64_P162764	FQ220235			secretin	9.52E-01	NS	6.71E-01	NS	4.44E-02	-2.2
A_64_P128653	NM_021745	60351	Nr1h4		7.94E-01	NS	3.39E-01	NS	1.90E-02	-2.2
A_64_P164726	NM_017270	29646	Adh4		6.71E-01	NS	9.12E-01	NS	1.26E-02	-2.2
A_44_P529904	XM_001071606	361275	Bend7	BEN domain containing 7	9.14E-01	NS	5.59E-01	NS	7.85E-04	-2.2
A_64_P002730	NM_001077677	499021	Pacrg	Park2 co-regulated	5.97E-01	NS	5.13E-01	NS	1.26E-02	-2.2
A_43_P15427	M31495	24769	Sct		7.03E-02	NS	1.01E-01	NS	1.59E-02	-2.2

A_44_P932103	XM_001062176	685074	LOC685074	hypothetical protein LOC685074	5.32E-01	NS	8.87E-01	NS	4.68E-03	-2.2
A_44_P135277	NM_031753	79559	Alcam	activated leukocyte cell adhesion molecule	8.07E-01	NS	9.41E-01	NS	8.73E-03	-2.2
A_64_P001354	CB547247				4.05E-01	NS	4.21E-01	NS	2.20E-02	-2.2
A_42_P711139	NM_012541	24297	Cyp1a2	cytochrome P450, family 1, subfamily a, polypeptide 2	5.86E-02	NS	1.52E-01	NS	2.43E-02	-2.2
A_64_P160091	XM_001073569	501049	RGD1560166	similar to Probable G-protein coupled receptor 62 (hGPCR8)	1.84E-01	NS	2.62E-01	NS	1.38E-03	-2.2
A_64_P106021	XM_001078158				3.96E-01	NS	9.58E-01	NS	3.60E-02	-2.2
A_64_P121722	NM_001106215	292401	Smoc2	SPARC related modular calcium binding 2	9.61E-01	NS	3.28E-01	NS	3.69E-02	-2.2
A_64_P074460	BF564780				1.79E-01	NS	1.16E-01	NS	3.77E-02	-2.2
A_44_P529426	NM_021687	59323	ErbB4	v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian)	3.19E-01	NS	9.54E-01	NS	3.10E-02	-2.2
A_43_P11437	NM_012503	24210	Asgr1	asialoglycoprotein receptor 1	1.12E-01	NS	8.24E-02	NS	4.53E-02	-2.2
A_64_P135718	NM_001008969	494312	Vom1r31	vomeronal 1 receptor, 31	6.56E-01	NS	1.42E-01	NS	3.92E-02	-2.2
A_44_P332545	NM_001000182	293329	Olr184	olfactory receptor 184	2.55E-01	NS	6.92E-01	NS	2.79E-02	-2.2
A_64_P050079	NM_001134998	100188984	LOC100188984	hypothetical protein LOC100188984	5.09E-01	NS	5.39E-01	NS	2.38E-02	-2.2
A_64_P002299	NM_001000811	405097	Olr1239	olfactory receptor 1239	6.24E-01	NS	8.24E-01	NS	2.60E-02	-2.2
A_43_P12841	NM_053535	85496	Enpp1	ectonucleotide pyrophosphatase/phosphodiesterase 1 family with sequence similarity 84, member B	1.47E-01	NS	4.78E-01	NS	1.81E-02	-2.2
A_64_P143952	XM_001065586	315019	Fam84b		7.64E-02	NS	3.18E-01	NS	2.17E-02	-2.2
A_64_P127253	NM_001099647	685045	LOC685045	similar to Protein C6orf115	4.65E-01	NS	9.12E-01	NS	1.62E-02	-2.2
A_64_P017268	XM_001072398	689889	LOC689889	hypothetical protein LOC689889	6.10E-02	NS	3.85E-01	NS	1.94E-02	-2.2
A_42_P758052	NM_001031645	295305	Acp6	acid phosphatase 6, lysophosphatidic	1.42E-01	NS	9.87E-02	NS	4.23E-02	-2.2
A_64_P313970	NM_013219	26989	Cadps	Ca++-dependent secretion activator	1.40E-01	NS	6.80E-01	NS	2.46E-02	-2.2
A_64_P261728	XM_001064404				7.01E-01	NS	7.77E-01	NS	4.87E-02	-2.2
A_64_P053431	NM_001107491	308436	Cxcl17	chemokine (C-X-C motif) ligand 17	7.63E-01	NS	4.41E-01	NS	8.63E-03	-2.2
A_64_P158024	NM_001008957	299649	Vom1r108	vomeronal 1 receptor, 108	8.42E-01	NS	5.83E-01	NS	4.13E-02	-2.2
A_64_P145178	XR_006338				4.41E-01	NS	9.84E-01	NS	4.27E-02	-2.2
A_44_P218305	NM_001013120	303926	IgSF11	immunoglobulin superfamily, member 11 forkhead box E1 (thyroid transcription factor 2)	2.97E-01	NS	5.86E-01	NS	4.78E-03	-2.2
A_64_P075928	NM_138909	192274	Foxe1	similar to Leukosialin precursor (Leucocyte sialoglycoprotein) (Sialophorin) (CD43) (W3/13 antigen)	8.67E-02	NS	4.76E-01	NS	1.33E-02	-2.2
A_64_P058594	NM_001013868	288521	LOC288521		6.74E-01	NS	1.89E-01	NS	2.90E-02	-2.2
A_44_P481381	NM_012491	24171	Add2	adducin 2 (beta)	7.88E-01	NS	3.21E-01	NS	3.67E-02	-2.1
A_44_P1043302	NM_001025661	301112	Crb3	crumbs homolog 3 (Drosophila)	1.26E-01	NS	5.02E-02	NS	1.97E-02	-2.1
A_44_P131325	XM_002727925	288106	RGD1566314	similar to KIAA1407	8.34E-02	NS	9.52E-01	NS	1.02E-03	-2.1
A_43_P10290	NM_001004236	298436	Tspan1	tetraspanin 1	2.59E-01	NS	2.09E-01	NS	8.78E-03	-2.1
A_64_P114465	NM_053459	84590	Rab27b	RAB27B, member RAS oncogene family pleckstrin homology domain containing, family H (with MyTH4 domain) member 1	5.03E-02	NS	8.23E-01	NS	1.32E-02	-2.1
A_44_P884935	NM_001108036	314262	Plekhh1	similar to SRY (sex determining region Y)-box 5 isoform a	6.95E-01	NS	3.38E-01	NS	3.81E-02	-2.1
A_64_P024321	NM_001014060	312831	LOC312831	potassium voltage gated channel, Shaw-related subfamily, member 3	1.29E-01	NS	7.98E-01	NS	2.82E-02	-2.1
A_64_P081357	M84210	117101	Kcnc3	family with sequence similarity 71, member A	2.86E-01	NS	1.23E-01	NS	4.59E-02	-2.1
A_64_P033735	NM_001109084	498311	Fam71a		3.56E-01	NS	2.38E-01	NS	4.32E-02	-2.1
A_64_P034666	NM_001001281	365327	Olr75	olfactory receptor 75	8.64E-02	NS	7.06E-01	NS	1.34E-02	-2.1
A_64_P105713	NM_153310	266680	St18	suppression of tumorigenicity 18	1.26E-01	NS	3.06E-01	NS	3.80E-02	-2.1
A_64_P047034	XM_002728944				2.13E-01	NS	2.14E-01	NS	2.33E-02	-2.1
A_64_P071740	BC081976	303823	Map3k13	mitogen-activated protein kinase kinase kinase 13	1.10E-01	NS	6.24E-01	NS	3.83E-02	-2.1
A_64_P030362	NM_001105868	287989	Ephb3	Eph receptor B3	2.11E-01	NS	1.25E-01	NS	4.75E-02	-2.1
A_64_P134124	NM_022296	64134	Xylt2	xylosyltransferase II	1.06E-01	NS	9.40E-01	NS	3.96E-02	-2.1
A_64_P003054	NM_198749	299156	Rab15	RAB15, member RAS oncogene family	1.57E-01	NS	1.12E-01	NS	1.55E-02	-2.1
A_64_P058955	NM_001037518	641621	Defb23	defensin beta 23	9.78E-01	NS	7.03E-01	NS	2.80E-02	-2.1
A_44_P478319	XM_002730179				5.80E-02	NS	1.53E-01	NS	2.92E-02	-2.1
A_64_P150256	NM_001024791	360605	Epn3	epsin 3	1.14E-01	NS	5.63E-02	NS	9.61E-03	-2.1

A_42_P517083	FQ212560				1.72E-01	NS	3.56E-01	NS	3.02E-02	-2.1
A_64_P066206	NM_017158	29298	Cyp2c7	cytochrome P450, family 2, subfamily c, polypeptide 7	9.11E-01	NS	5.85E-01	NS	4.60E-02	-2.1
A_64_P046233	XM_001077379	307845	Mtss1l	metastasis suppressor 1-like	6.01E-01	NS	6.88E-02	NS	2.47E-02	-2.1
A_64_P115065	NM_001109631	691215	LOC691215	hypothetical protein LOC691215	8.18E-01	NS	5.51E-01	NS	4.87E-03	-2.1
A_64_P011594	NM_031036	81666	Gnaq	polypeptide	1.48E-01	NS	8.40E-01	NS	1.04E-03	-2.1
A_44_P448051	NM_001108930	365550	Vpreb3	pre-B lymphocyte 3	1.75E-01	NS	1.69E-01	NS	3.72E-02	-2.1
A_64_P001424	XM_002724653				3.98E-01	NS	3.61E-01	NS	3.47E-03	-2.1
A_64_P028190	NM_001107282	306127	Irg1	immunoresponsive 1 homolog (mouse)	6.35E-01	NS	1.26E-01	NS	4.07E-02	-2.1
A_42_P545943	NM_019291	54231	Car2	carbonic anhydrase II	1.12E-01	NS	5.29E-01	NS	4.49E-02	-2.1
A_64_P096234	NM_001105850	287819	Ush1g	Usher syndrome 1G homolog (human) similar to Probable phospholipid-transporting ATPase ID (ATPase class I type 8B member 2)	9.74E-02	NS	3.57E-01	NS	9.95E-04	-2.1
A_43_P14700	XM_001076905	691125	LOC691125		6.44E-02	NS	7.37E-01	NS	4.02E-02	-2.1
A_64_P051159	NM_001100684	305450	Sh3bp2	SH3-domain binding protein 2	7.04E-01	NS	5.31E-01	NS	1.53E-02	-2.1
A_64_P034809	NM_001000105	291161	Olr1658	olfactory receptor 1658 family with sequence similarity 71, member E1	5.22E-01	NS	7.37E-01	NS	7.50E-03	-2.1
A_44_P461587	XM_341847	361564	Fam71e1		3.54E-01	NS	8.02E-01	NS	2.22E-02	-2.1
A_64_P158708	AI060108				4.24E-01	NS	9.19E-01	NS	3.22E-02	-2.1
A_64_P142470	XM_001062396				8.89E-02	NS	4.46E-01	NS	1.37E-03	-2.1
A_64_P043619	NM_138854	192208	Slc38a5	solute carrier family 38, member 5	1.03E-01	NS	2.69E-01	NS	1.53E-02	-2.1
A_64_P019891	XM_002726660	500588	RGD1560626	RGD1560626	5.93E-01	NS	5.83E-01	NS	3.27E-02	-2.1
A_43_P12827	NM_053507	85269	Nme3	non-metastatic cells 3, protein expressed in similar to spermatogenesis associated	5.74E-02	NS	1.86E-01	NS	2.97E-02	-2.0
A_64_P107529	XM_002725430	685411	LOC685411	glutamate (E)-rich protein 4b bruno-like 5, RNA binding protein (Drosophila)	5.97E-01	NS	9.00E-02	NS	3.04E-02	-2.0
A_44_P180696	NM_001135603	314647	Bruno15		9.92E-01	NS	1.61E-01	NS	2.37E-02	-2.0
A_64_P267691	XM_002725715				3.49E-01	NS	1.37E-01	NS	3.11E-02	-2.0
A_64_P063953	NM_001012092	311549	Xkr7	XK, Kell blood group complex subunit-related family, member 7	2.57E-01	NS	6.52E-01	NS	5.58E-03	-2.0
A_64_P030287	NM_173333	287000	Olr1361	olfactory receptor 1361	8.72E-01	NS	9.68E-01	NS	1.99E-02	-2.0
A_64_P029902	XM_001055778	679314	LOC679314	hypothetical protein LOC679314	2.46E-01	NS	7.94E-01	NS	3.52E-02	-2.0
A_64_P133021	XM_001072026	689795	LOC689795	hypothetical protein LOC689795	9.72E-01	NS	1.01E-01	NS	4.24E-02	-2.0
A_64_P080374	XM_220888	24457	Hoxb8	homeo box B8	3.21E-01	NS	8.59E-01	NS	3.44E-02	-2.0
A_64_P119896	NM_001014784	297795	Npbwr1	neuropeptides B/W receptor 1	6.13E-01	NS	1.20E-01	NS	2.17E-02	-2.0
A_64_P038783	XM_001074018	365063	RGD1560695	similar to hypothetical protein 4930474N05 ATP-binding cassette, sub-family A (ABC1), member 6	2.11E-01	NS	8.46E-01	NS	1.01E-02	-2.0
A_44_P222981	XM_001081607	303639	Abca6	inositol polyphosphate-4-phosphatase, type 1	6.20E-01	NS	3.08E-01	NS	2.53E-02	-2.0
A_44_P224705	NM_031002	80849	Inpp4a		8.14E-01	NS	4.53E-01	NS	5.31E-03	-2.0
A_64_P090674	XM_001063315				2.42E-01	NS	5.72E-01	NS	1.71E-03	-2.0
A_64_P008468	NM_001000240	293603	Olr305	olfactory receptor 305	9.27E-01	NS	5.56E-01	NS	1.75E-02	-2.0
A_43_P10989	NM_012525	24257	Cgm4	carcinoembryonic antigen gene family 4 DEAH (Asp-Glu-Ala-His) box polypeptide 32	6.30E-01	NS	1.31E-01	NS	4.94E-02	-2.0
A_44_P282843	NM_001130039	361667	Dhx32		2.18E-01	NS	1.02E-01	NS	3.35E-02	-2.0
A_64_P035972	NM_031096	81760	Grk1	G protein-coupled receptor kinase 1	8.21E-01	NS	3.88E-01	NS	1.09E-02	-2.0
A_44_P592077	NM_001107378	307296	Znf608	zinc finger protein 608	4.87E-01	NS	3.60E-01	NS	3.91E-04	-2.0
A_64_P271601	XM_002726257				4.54E-01	NS	4.42E-01	NS	3.13E-02	-2.0
A_44_P500975	NM_001000833	405122	Olr1639	olfactory receptor 1639 glucosaminyl (N-acetyl) transferase 1, core 2 (beta-1,6-N-acetylglucosaminyltransferase)	2.97E-01	NS	7.53E-02	NS	6.07E-03	-2.0
A_64_P038462	NM_022276	64043	Gcnt1		6.67E-01	NS	8.19E-01	NS	2.48E-03	-2.0
A_44_P549028	XM_342337				2.40E-01	NS	8.07E-01	NS	1.17E-02	-2.0
A_44_P240790	NM_001000258	293803	Olr371	olfactory receptor 371	8.47E-01	NS	5.07E-01	NS	3.29E-02	-2.0
A_64_P081987	NM_001039609	310839	Frbp1l	formin binding protein 1-like similar to testicular haploid expressed gene product isoform 2	1.99E-01	NS	6.87E-01	NS	1.46E-02	-2.0
A_64_P098739	NM_001017498	498350	LOC498350		9.77E-01	NS	4.74E-01	NS	2.93E-02	-2.0

A_64_P035488	NM_001000340	295852	Olr639	olfactory receptor 639	5.41E-01	NS	1.72E-01	NS	3.86E-03	-2.0
A_64_P013018	NM_013066	25595	Map2	microtubule-associated protein 2	1.77E-01	NS	7.10E-01	NS	3.77E-02	-2.0
A_44_P445444	NM_001009706	361663	Lhpp	pyrophosphate phosphatase	5.34E-02	NS	5.15E-02	NS	3.90E-02	-2.0
A_44_P262199	NM_00100533	364054	Olr1581	olfactory receptor 1581	4.61E-01	NS	6.92E-01	NS	4.32E-03	-2.0
A_64_P055117	NM_001107286	306164	Tgds	TDP-glucose 4,6-dehydratase	4.31E-01	NS	4.79E-01	NS	2.98E-02	-2.0
A_64_P059675	NM_001014251	365778	LOC365778	similar to RIKEN cDNA 1700034123	5.70E-01	NS	6.62E-01	NS	1.68E-02	-2.0
A_64_P025912	NM_001108750	362988	Cpne8	copine VIII	2.87E-01	NS	9.04E-01	NS	2.38E-02	-2.0
A_64_P126744	NM_001025662	301165	LOC301165	similar to hypothetical protein 4932415M13	6.22E-01	NS	1.36E-01	NS	1.40E-02	-2.0
A_64_P099893	NM_001110334	83785	Vegfa	vascular endothelial growth factor A	4.23E-01	NS	6.10E-01	NS	2.92E-03	-2.0
A_64_P062670	NM_001107504	308511	Chst8	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 8	6.88E-01	NS	4.17E-01	NS	1.83E-02	-2.0
A_44_P1019096	XM_001081122	362212	Tmem87b	transmembrane protein 87B	6.53E-01	NS	3.67E-01	NS	8.10E-03	-2.0
A_64_P120564	NM_001025765	498945	Zfp90	zinc finger protein 90	3.00E-01	NS	8.29E-01	NS	4.87E-02	-2.0
A_64_P120520	XM_229383	291345	RGD1561231	similar to MAP/microtubule affinity-regulating kinase 4 (MAP/microtubule affinity-regulating kinase like 1)	9.52E-01	NS	4.21E-01	NS	2.60E-02	-2.0
A_44_P993359	BF564301				4.60E-01	NS	7.72E-01	NS	2.90E-02	-2.0
A_64_P015007	XM_001070151	684385	LOC684385	similar to unc-93 homolog A	4.90E-01	NS	6.26E-01	NS	1.74E-02	-2.0
A_64_P009549	XM_001065467				2.02E-01	NS	2.98E-01	NS	1.41E-02	-2.0
A_64_P067938	DV718677				2.57E-01	NS	4.92E-01	NS	2.88E-02	-2.0
A_64_P004526	XM_001054568	498412	Sunc1	Sad1 and UNC84 domain containing 1	6.74E-01	NS	3.93E-01	NS	1.12E-02	-2.0
A_44_P915877	XM_001065403	683460	LOC683460	hypothetical protein LOC683460	1.66E-01	NS	8.64E-01	NS	1.02E-02	-2.0
A_64_P115405	NM_001134571	361066	RGD1308117	similar to 9930012K11Rik protein	5.91E-01	NS	7.86E-01	NS	1.15E-02	-2.0
A_44_P140465	XM_001074315				1.85E-01	NS	1.84E-01	NS	1.02E-02	-2.0
A_64_P092015	XR_006242	685615	LOC685615	hypothetical protein LOC685615	3.10E-01	NS	9.50E-01	NS	4.52E-02	-2.0
A_64_P034793	NM_001000725	404978	Olr1558	olfactory receptor 1558	7.15E-01	NS	1.12E-01	NS	2.26E-04	-2.0
A_44_P437945	NM_173837	317673	Bbc3	Bcl-2 binding component 3	7.02E-01	NS	8.45E-01	NS	4.34E-02	-2.0
A_64_P096589	XM_580084	500568	RGD1564482	RGD1564482	4.57E-01	NS	1.03E-01	NS	3.71E-02	-2.0
A_43_P21729	XM_001058786	686314	LOC686314	similar to dachshund b	1.27E-01	NS	1.38E-01	NS	6.89E-03	-2.0
A_64_P121841	NM_001107247	305645	Dlg5	discs, large homolog 5 (Drosophila)	5.66E-01	NS	2.25E-01	NS	5.10E-03	-2.0
A_64_P086775	NM_001008971	497787	Vom1r93	vomeroneasal 1 receptor, 93	1.41E-01	NS	1.80E-01	NS	3.58E-03	-2.0
A_64_P074940	NM_139263	246174	Fgd4	FYVE, RhoGEF and PH domain containing 4	5.12E-01	NS	7.94E-01	NS	1.88E-03	-2.0
A_64_P145433	XM_346769				4.72E-01	NS	2.57E-01	NS	2.50E-03	-2.0
A_64_P157820	XM_001079095	691632	LOC691632	similar to MIC2 like 1	2.93E-01	NS	1.81E-01	NS	4.42E-03	-2.0
A_64_P080105	NM_001105855				4.00E-01	NS	1.12E-01	NS	4.76E-02	-2.0
A_44_P451638	NM_053473	84685	Ppp1r9a	protein phosphatase 1, regulatory (inhibitor) subunit 9A	7.11E-01	NS	7.79E-01	NS	3.60E-04	-2.0
A_64_P136714	NM_001001970	415062	Ly6g6d	lymphocyte antigen 6 complex, locus G6D	2.56E-01	NS	6.79E-01	NS	1.24E-03	-2.0
A_64_P082341	NM_053715	114507	Slc5a3	solute carrier family 5 (inositol transporters), member 3	6.75E-01	NS	9.28E-01	NS	3.66E-02	-2.0
A_64_P106276	XM_002727821	100361389	LOC100361389	hypothetical protein LOC100361389	8.90E-02	NS	8.41E-01	NS	8.21E-04	-2.0
A_64_P152252	NM_001107072	303741	Fscn2	fascin homolog 2, actin-bundling protein, retinal (Strongylocentrotus purpuratus)	1.74E-01	NS	7.95E-01	NS	3.60E-02	-2.0
A_64_P155885	XM_001065314	361342	Cplx4	complexin 4	4.85E-01	NS	9.15E-02	NS	1.36E-02	-2.0
A_44_P999507	NM_001100499	287925	Pkp2	plakophilin 2	3.75E-01	NS	2.93E-01	NS	8.84E-03	-2.0
A_44_P409493	NM_023962	66018	Pdgfd	platelet-derived growth factor, D polypeptide	1.17E-01	NS	8.06E-02	NS	3.79E-02	-1.9
A_42_P816878	NM_001012347	294715	Rgs7bp	regulator of G-protein signaling 7 binding protein	6.75E-01	NS	4.27E-01	NS	4.83E-03	-1.9
A_43_P22744	NM_001106980	302950	Adcy9	adenylate cyclase 9	6.42E-01	NS	6.07E-01	NS	3.22E-02	-1.9
A_64_P089610	NM_001106589	296968	RGD1308226	similar to hypothetical protein FLJ32786	5.07E-02	NS	1.27E-01	NS	5.03E-03	-1.9
A_64_P018681	NM_031075	81739	P2rx3	purinergic receptor P2X, ligand-gated ion channel, 3	7.80E-02	NS	4.19E-01	NS	2.05E-02	-1.9
A_44_P375500	XM_216738	299151	Syne2	spectrin repeat containing, nuclear envelope 2	2.38E-01	NS	9.96E-01	NS	4.31E-03	-1.9
A_43_P20194	NM_001011935	293476	Xpo6	exportin 6	4.67E-01	NS	4.98E-01	NS	4.40E-02	-1.9

A_64_P086507	XM_001079904				1.52E-01	NS	9.11E-01	NS	4.20E-02	-1.9
A_43_P11686	NM_013062	25589	Kdr	kinase insert domain receptor	6.86E-02	NS	7.79E-01	NS	4.23E-03	-1.9
A_64_P010028	CB782641	685253	LOC685253	hypothetical protein LOC685253 FYVE, RhoGEF and PH domain containing 4	2.45E-01	NS	7.18E-01	NS	5.39E-03	-1.9
A_44_P244257	NM_139263	246174	Fgd4	protocadherin 9	1.64E-01	NS	3.99E-01	NS	1.68E-02	-1.9
A_44_P520441	XM_002728302	306091	Pcdh9	cysteine and histidine rich 1	5.56E-01	NS	9.21E-01	NS	2.36E-02	-1.9
A_64_P122735	NM_001025122	315097	Cyhr1	hypothetical LOC313936	1.98E-01	NS	5.39E-01	NS	9.36E-03	-1.9
A_44_P227409	NM_001014074	313936	LOC313936	kazrin	3.93E-01	NS	9.58E-01	NS	4.00E-02	-1.9
A_44_P699644	NM_001014070	313672	LOC313672	wingless-type MMTV integration site family, member 11	5.05E-02	NS	1.64E-01	NS	3.50E-02	-1.9
A_64_P092744	NM_080401	140584	Wnt11	villin-like	4.92E-01	NS	6.70E-01	NS	3.03E-02	-1.9
A_44_P431661	XM_217296	301057	Vill	cathepsin L-like 3	1.17E-01	NS	8.28E-01	NS	4.97E-02	-1.9
A_64_P097872	XM_001065834	498691	Ctsl3	hypothetical protein LOC681343	9.14E-02	NS	2.56E-01	NS	1.81E-03	-1.9
A_64_P060879	XM_001061349	681343	LOC681343	olfactory receptor 401	8.02E-01	NS	6.37E-01	NS	3.75E-02	-1.9
A_44_P552594	NM_001000829	405118	Olr401	fibronectin type III domain containing 3a	4.71E-01	NS	3.16E-01	NS	2.34E-02	-1.9
A_64_P053297	NM_001107278	306022	Fndc3a	megalencephalic leukoencephalopathy with subcortical cysts 1 homolog (human)	8.00E-02	NS	5.00E-01	NS	4.01E-02	-1.9
A_44_P208857	NM_001108105	315215	Mlc1	ectodermal-neural cortex 1	7.21E-01	NS	2.55E-01	NS	3.97E-04	-1.9
A_42_P780457	NM_001003401	294674	Enc1		3.37E-01	NS	1.93E-01	NS	5.62E-03	-1.9
A_64_P030909	NM_001107023	303337	Rab11fp4	RAB11 family interacting protein 4 (class II)	9.35E-02	NS	5.60E-01	NS	1.88E-02	-1.9
A_64_P133608	XM_228129				1.39E-01	NS	3.12E-01	NS	3.57E-02	-1.9
A_64_P016751	NM_001109219	499990	RGD1562351	similar to chromosome 7 open reading frame 23	9.76E-01	NS	2.90E-01	NS	3.59E-02	-1.9
A_44_P135864	XM_001075304	300386	Ubtfl1	upstream binding transcription factor, RNA polymerase I-like 1	5.31E-01	NS	3.95E-01	NS	4.67E-02	-1.9
A_64_P073023	XM_001062720	499583	Naaladl2	N-acetylated alpha-linked acidic dipeptidase-like 2	1.19E-01	NS	9.88E-02	NS	2.72E-02	-1.9
A_64_P140956	NM_001013141	307547	Zfp35	zinc finger protein 35	2.97E-01	NS	7.50E-01	NS	1.80E-02	-1.9
A_64_P083334	FQ224293				5.82E-02	NS	8.91E-01	NS	2.30E-03	-1.9
A_64_P399184	NM_013070	25600	Utrn	utrophin	7.93E-01	NS	5.73E-01	NS	6.51E-03	-1.9
A_64_P072973	NM_133603	171138	Kcne2	potassium voltage-gated channel, Isk-related subfamily, gene 2	7.73E-01	NS	4.51E-01	NS	2.22E-02	-1.9
A_64_P106051	NM_001134601	498004	RGD1565533		7.55E-01	NS	2.59E-01	NS	3.84E-02	-1.9
A_64_P100051	NM_001107005				4.76E-01	NS	9.59E-01	NS	1.05E-02	-1.9
A_44_P386757	NM_001099467	289295	Vom2r30	vomer nasal 2 receptor, 30	8.18E-02	NS	1.10E-01	NS	2.62E-02	-1.9
A_64_P022540	XM_001079856				3.71E-01	NS	8.63E-01	NS	4.74E-02	-1.9
A_64_P015911	NM_001039035	362687	Sfrs7	splicing factor, arginine/serine-rich 7	1.26E-01	NS	4.47E-01	NS	2.21E-02	-1.9
A_42_P689873	NM_198754	301045	Cmtm8	CKLF-like MARVEL transmembrane domain containing 8	2.08E-01	NS	7.84E-02	NS	4.43E-02	-1.9
A_44_P714812	NM_001014256	365972	Bhmt2	betaine-homocysteine methyltransferase 2	9.53E-01	NS	6.29E-01	NS	3.02E-02	-1.9
A_64_P088990	NM_053335	81717	Ctbp2	C-terminal binding protein 2	1.71E-01	NS	9.28E-01	NS	8.36E-04	-1.9
A_44_P386633	NM_145785	252941	Hdgfrp3	hepatoma-derived growth factor, related protein 3	1.62E-01	NS	5.84E-01	NS	1.66E-02	-1.9
A_43_P12767	NM_053326	64353	Pdlim5	PDZ and LIM domain 5	2.77E-01	NS	6.68E-01	NS	3.01E-03	-1.9
A_64_P095266	XM_001073964	690286	LOC690286	similar to hepatic leukemia factor	8.74E-01	NS	5.44E-01	NS	3.61E-02	-1.9
A_44_P137497	AY325224				9.52E-02	NS	6.36E-01	NS	4.12E-04	-1.9
A_64_P131791	NM_001100889	305230	Shroom3	shroom family member 3	9.25E-01	NS	3.04E-01	NS	2.25E-02	-1.9
A_64_P087856	NM_001134615	499587	Slc7a14	solute carrier family 7 (cationic amino acid transporter, y+ system), member 14	5.77E-02	NS	5.60E-01	NS	1.09E-02	-1.9
A_64_P122497	NM_170787	259269	Erc2	ELKS/RAB6-interacting/CAST family member 2	1.68E-01	NS	4.24E-01	NS	3.52E-02	-1.9
A_44_P897023	NM_001008364	361328	Snx24	sorting nexin 24	9.24E-02	NS	5.20E-01	NS	1.95E-02	-1.9
A_64_P112281	XR_008377				9.52E-01	NS	2.29E-01	NS	5.92E-03	-1.9
A_44_P273355	NM_019310	54258	Il8ra	interleukin 8 receptor, alpha family with sequence similarity 194, member A	9.68E-01	NS	8.34E-01	NS	1.18E-02	-1.9
A_64_P073609	NM_001024300	499626	Fam194a	dead end homolog 1 (zebrafish)	5.40E-01	NS	1.40E-01	NS	6.54E-03	-1.9
A_64_P001080	NM_001109379	679841	Dnd1	Fraser syndrome 1 homolog (human)	1.70E-01	NS	6.82E-01	NS	7.25E-03	-1.9
A_64_P041270	XM_214004	289486	Fras1		1.06E-01	NS	1.05E-01	NS	9.68E-04	-1.9

A_64_P162115	NM_022633	64568	Galp	galanin-like peptide protein Z, vitamin K-dependent plasma glycoprotein	7.91E-01	NS	8.98E-02	NS	4.39E-02	-1.9
A_64_P008517		306608	Proz		9.28E-01	NS	1.08E-01	NS	3.93E-03	-1.9
A_64_P086502	XM_001079904				1.13E-01	NS	6.08E-01	NS	8.93E-03	-1.9
A_64_P138483	NM_001000928	405248	Olr583	olfactory receptor 583	7.60E-01	NS	8.33E-01	NS	1.40E-02	-1.9
A_64_P100773	XM_237569				2.83E-01	NS	3.45E-01	NS	2.16E-02	-1.9
A_44_P222124	NM_001007650	297891	Tssk3	testis-specific serine kinase 3	1.58E-01	NS	2.16E-01	NS	1.01E-02	-1.9
A_64_P073213	NM_001134542	307396	Pcyox1l	prenylcysteine oxidase 1 like hepatoma-derived growth factor, related protein 3	1.76E-01	NS	3.44E-01	NS	4.04E-04	-1.9
A_64_P052132	NM_145785	252941	Hdgrfp3	similar to diacylglycerol kinase, delta	9.60E-02	NS	4.70E-01	NS	7.86E-03	-1.9
A_43_P19006	XM_001065445	368088	RGD1563309	130kDa isoform 1	3.56E-01	NS	2.92E-01	NS	8.17E-04	-1.9
A_64_P007452	NM_001044299	690784	LOC690784	hypothetical protein LOC690784 acyl-CoA synthetase medium-chain family member 3	4.59E-01	NS	1.32E-01	NS	9.97E-03	-1.9
A_43_P15937	NM_033231	24763	Acsm3		1.13E-01	NS	7.45E-01	NS	1.24E-02	-1.9
A_44_P539349	NM_001107015	303256	Tm4sf5	transmembrane 4 L six family member 5	3.44E-01	NS	6.94E-01	NS	4.68E-02	-1.9
A_64_P012671	XM_002730098	100362274	LOC100362274	hypothetical protein LOC100362274	7.25E-01	NS	7.69E-01	NS	1.68E-02	-1.9
A_64_P111065	XM_001079328	368175	RGD1565071	similar to hypothetical protein 4930509O22	6.05E-01	NS	1.47E-01	NS	1.53E-02	-1.9
A_64_P073500	NM_001000687	404892	Olr456	olfactory receptor 456	7.69E-02	NS	9.39E-01	NS	4.33E-02	-1.9
A_44_P332606	NM_172222	24231	C2	complement component 2	2.25E-01	NS	9.53E-02	NS	1.47E-02	-1.9
A_64_P025441	NM_017312	29884	Bok	BCL2-related ovarian killer	1.77E-01	NS	3.96E-01	NS	1.60E-02	-1.9
A_44_P540517	NM_001110055	499839	RGD1564664	similar to LOC387763 protein	5.84E-01	NS	7.73E-01	NS	1.47E-02	-1.9
A_44_P233963	NM_012981	25482	Mras	muscle RAS oncogene homolog	3.98E-01	NS	6.64E-01	NS	8.93E-04	-1.9
A_43_P15445	NM_012852	25323	Htr1d	5-hydroxytryptamine (serotonin) receptor 1D	1.62E-01	NS	9.24E-01	NS	3.24E-02	-1.9
A_64_P159837	NM_198752	300053	KIFC2	kinesin family member C2	1.02E-01	NS	6.97E-01	NS	1.14E-02	-1.9
A_64_P042694	NM_001170541	363614	Gtif3b	gene trap locus F3b	7.64E-02	NS	5.85E-01	NS	2.00E-03	-1.9
A_44_P461849	NM_001107414	307724	Rpgrip1l	Rpgrip1-like	5.27E-01	NS	4.25E-01	NS	3.56E-03	-1.9
A_64_P115721	NM_017162	29319	Gif	gastric intrinsic factor	8.44E-01	NS	9.02E-02	NS	3.88E-02	-1.9
A_44_P137633	Y12519	29290	Adora1	adenosine A1 receptor	3.68E-01	NS	8.08E-01	NS	2.97E-02	-1.8
A_44_P403302	NM_001106342	293840	Pnma3	paraneoplastic antigen MA3 translocation associated membrane protein 1	7.76E-01	NS	2.55E-01	NS	1.27E-03	-1.8
A_64_P107702	AY387055	312903	Tram1		4.29E-01	NS	2.39E-01	NS	1.72E-02	-1.8
A_44_P1013405	NM_001009603	293653	Acy3	aspartoacylase (aminocyclase) 3	1.92E-01	NS	7.68E-01	NS	2.60E-02	-1.8
A_64_P103596	XM_002725764	688884	Gpr152	G protein-coupled receptor 152	2.53E-01	NS	5.85E-02	NS	4.68E-02	-1.8
A_44_P491724	NM_213565	361783	Zfp57	zinc finger protein 57	8.61E-01	NS	6.25E-01	NS	4.28E-02	-1.8
A_64_P026707	NM_001100996	502570	RGD1559714	similar to TDPOZ3	6.41E-02	NS	4.70E-01	NS	1.25E-02	-1.8
A_64_P060485	XM_001075255	686683	LOC686683	similar to olfactory receptor 73	1.41E-01	NS	3.78E-01	NS	1.65E-03	-1.8
A_42_P454378	NM_019214	29440	Slc26a4	solute carrier family 26, member 4	8.04E-01	NS	9.24E-01	NS	2.30E-02	-1.8
A_64_P026632	XM_001056752	299305	RGD1563945	similar to mKIAA0215 protein	8.77E-01	NS	9.23E-01	NS	7.09E-03	-1.8
A_64_P120387	NM_001109640	691448	LOC691448	similar to solute carrier family 25 member 24 isoform 1 asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (S. cerevisiae)	3.76E-01	NS	1.34E-01	NS	3.95E-02	-1.8
A_64_P012714	NM_001100710	313231	Alg2		9.79E-01	NS	7.65E-01	NS	2.26E-02	-1.8
A_42_P461144	DV724416				1.91E-01	NS	4.33E-01	NS	1.13E-02	-1.8
A_64_P122005	NM_031855	25659	Khk	ketohexokinase	7.19E-02	NS	9.23E-01	NS	2.32E-02	-1.8
A_44_P221965	NM_053649	114107	Kremen1	kringle containing transmembrane protein 1	2.97E-01	NS	5.30E-02	NS	2.82E-02	-1.8
A_64_P075189	NM_001000467	300613	Olr1311	olfactory receptor 1311	6.70E-01	NS	7.66E-02	NS	5.73E-03	-1.8
A_64_P110215	NM_145087	246305	Spag11b	sperm associated antigen 11B	3.11E-01	NS	2.15E-01	NS	6.00E-03	-1.8
A_64_P046573	NM_022180	25735	Hnf4a	hepatocyte nuclear factor 4, alpha	3.77E-01	NS	4.85E-01	NS	7.23E-03	-1.8
A_64_P022552	NM_001107871	312504	RGD1566130	similar to mKIAA1940 protein	6.82E-02	NS	4.40E-01	NS	9.50E-03	-1.8
A_64_P121682	NM_001107635	309816	Lama4	laminin, alpha 4	7.11E-01	NS	9.28E-02	NS	3.23E-02	-1.8
A_64_P147119	NM_001000776	405051	Olr1442	olfactory receptor 1442	3.48E-01	NS	3.12E-01	NS	3.00E-03	-1.8
A_64_P024416	XM_001071334	303903	Parp14	poly (ADP-ribose) polymerase family, member 14	6.66E-01	NS	8.93E-01	NS	1.95E-03	-1.8
A_64_P143507	NM_001126273	304578	Alkbh2	alkB, alkylation repair homolog 2 (E. coli)	1.73E-01	NS	4.23E-01	NS	2.98E-02	-1.8
A_64_P144153	XM_002725697	308850	Khl35	kelch-like 35 (Drosophila)	1.17E-01	NS	5.61E-01	NS	4.65E-02	-1.8
A_64_P143350	NM_001025758	497959	Proca1	protein interacting with cyclin A1	2.19E-01	NS	5.75E-01	NS	3.55E-02	-1.8

A_64_P097840	XM_001073004	688219	LOC688219	similar to X-linked lymphocyte-regulated protein 3A	4.19E-01	NS	6.76E-01	NS	4.45E-02	-1.8
A_64_P370438	NM_022501	338401	Crip2	cysteine-rich protein 2	1.61E-01	NS	8.23E-02	NS	1.01E-02	-1.8
A_43_P16250	NM_001135759	363265	Col4a3	collagen, type IV, alpha 3	7.82E-01	NS	4.83E-01	NS	8.56E-03	-1.8
A_64_P118227	XM_002728056	289344	Hhat	hedgehog acyltransferase proline/arginine-rich end leucine-rich repeat	1.83E-01	NS	8.40E-01	NS	1.66E-02	-1.8
A_64_P013147	NM_053385	84400	Prelp	protein	7.32E-02	NS	7.10E-01	NS	3.23E-02	-1.8
A_64_P001622	NM_001103364	100125385	LOC100125385	hypothetical protein LOC100125385	5.70E-01	NS	8.11E-01	NS	4.37E-02	-1.8
A_64_P110966	NM_001014106	499328	Rfk	riboflavin kinase echinoderm microtubule associated protein	1.53E-01	NS	2.17E-01	NS	1.21E-02	-1.8
A_44_P290357	NM_138921	192360	Eml2	like 2	5.92E-01	NS	2.39E-01	NS	2.21E-02	-1.8
A_64_P028803	NM_001107111	304091	Il10rb	interleukin 10 receptor, beta poly (ADP-ribose) polymerase family, member 12	7.81E-01	NS	3.89E-01	NS	7.12E-03	-1.8
A_64_P028061	NM_001108623	362343	Parp12		4.84E-01	NS	4.93E-01	NS	1.27E-02	-1.8
A_64_P081862	AB007601				3.38E-01	NS	2.53E-01	NS	1.61E-02	-1.8
A_64_P131224	AY325187	308100	Acat2	acetyl-Coenzyme A acetyltransferase 2	1.96E-01	NS	8.11E-02	NS	4.82E-02	-1.8
A_64_P034090	NM_201426	399475	Adm2	adrenomedullin 2	7.92E-01	NS	9.35E-01	NS	2.43E-03	-1.8
A_64_P165548	XM_001055860	317204	Pcdh11x	protocadherin 11 X-linked FERM, RhoGEF (Arhgef) and pleckstrin domain protein 1 (chondrocyte-derived)	3.59E-01	NS	2.29E-01	NS	4.78E-02	-1.8
A_42_P787239	NM_001107287	306183	Farp1	transient receptor potential cation channel, subfamily C, member 6	2.56E-01	NS	8.17E-01	NS	1.80E-02	-1.8
A_64_P064621	NM_053559	89823	Trpc6		1.71E-01	NS	7.60E-02	NS	2.73E-02	-1.8
A_64_P127678	NM_001008553	65156	Dhodh	dihydroorotate dehydrogenase	6.19E-02	NS	3.18E-01	NS	2.76E-02	-1.8
A_64_P105348	XM_002726259	312254	Chmp4b	chromatin modifying protein 4B	2.81E-01	NS	1.43E-01	NS	1.10E-03	-1.8
A_64_P142305	XM_001067437	292548	Zfp418	zinc finger protein 418	6.33E-01	NS	1.37E-01	NS	2.28E-03	-1.8
A_43_P19590	NM_001130581	300074	RGD1305939	hypothetical LOC300074	3.27E-01	NS	7.93E-01	NS	2.10E-02	-1.8
A_64_P143947	FM097667				8.33E-01	NS	1.28E-01	NS	6.13E-03	-1.8
A_64_P072739	NM_001109160	499308	Flrt1	fibronectin leucine rich transmembrane protein 1	4.67E-01	NS	8.39E-02	NS	3.56E-02	-1.8
A_64_P004344	XM_001062079				1.11E-01	NS	7.57E-01	NS	7.85E-03	-1.8
A_64_P057412	XM_002727562				3.67E-01	NS	4.32E-01	NS	1.27E-02	-1.8
A_44_P297596	NM_001107740	311163	Ctnnd1	catenin (cadherin associated protein), delta 1	1.08E-01	NS	7.32E-01	NS	3.82E-03	-1.8
A_64_P122691	XR_085880	366915	RGD1309483	similar to hypothetical protein MGC39715	5.79E-01	NS	2.60E-01	NS	1.74E-02	-1.8
A_64_P166178	XM_225744	291423	Setbp1	SET binding protein 1	4.42E-01	NS	1.49E-01	NS	2.06E-02	-1.8
A_64_P022799	NM_053371	84384	Fxc1	fractured callus expressed transcript 1	3.10E-01	NS	6.27E-01	NS	3.38E-04	-1.8
A_64_P032762	NM_001106312	293591	Cd163i1	CD163 molecule-like 1	5.61E-01	NS	8.79E-01	NS	4.87E-02	-1.8
A_64_P012031	XM_001069984	295707	Tnks1bp1	tankyrase 1 binding protein 1	1.94E-01	NS	2.81E-01	NS	3.05E-03	-1.8
A_44_P118793	AY325158				2.91E-01	NS	4.19E-01	NS	3.67E-02	-1.8
A_64_P015153	XM_001067075	688469	Adam25	a disintegrin and metallopeptidase domain 25 (testase 2)	1.78E-01	NS	1.53E-01	NS	2.31E-02	-1.8
A_64_P373559	XM_228129				1.17E-01	NS	4.02E-01	NS	1.45E-02	-1.8
A_44_P192288	NM_001106195	292078	RGD1561507	similar to hypothetical protein FLJ31606	2.86E-01	NS	1.05E-01	NS	2.17E-02	-1.8
A_64_P041476	NM_001017500	498368	LOC498368	similar to RIKEN cDNA 0610040J01	1.16E-01	NS	2.31E-01	NS	1.77E-02	-1.8
A_64_P144670	XM_001068586	289584	Usp46	ubiquitin specific peptidase 46	1.50E-01	NS	9.26E-01	NS	3.41E-03	-1.8
A_64_P294274	NM_001106710	298845	Emilin1	elastin microfibril interfacier 1	8.56E-01	NS	9.76E-01	NS	3.88E-03	-1.8
A_44_P721823	NM_001105880	288105	Zbtb20	zinc finger and BTB domain containing 20	7.40E-01	NS	2.44E-01	NS	2.64E-03	-1.8
A_42_P820847	NM_001014077	314148	Clec14a	C-type lectin domain family 14, member a	8.83E-02	NS	2.93E-01	NS	9.46E-04	-1.8
A_44_P1035071	NM_207590	291318	Nmt2	N-myristoyltransferase 2	6.74E-01	NS	1.46E-01	NS	2.59E-02	-1.8
A_64_P009490	XM_002726348				7.97E-02	NS	5.10E-01	NS	8.42E-03	-1.8
A_64_P101504	NM_001037506	641629	Defb26	defensin beta 26	9.20E-01	NS	1.06E-01	NS	3.67E-02	-1.8
A_64_P153027	NM_001008874	408235	Spink6	serine peptidase inhibitor, Kazal type 6	7.32E-01	NS	2.46E-01	NS	6.46E-03	-1.8
A_64_P127016	NM_001130537	299510	Zbtb39	zinc finger and BTB domain containing 39	5.13E-01	NS	5.56E-02	NS	6.97E-03	-1.8
A_64_P001219	NM_001009349	300886	Mthfs	5,10-methylenetetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase)	1.44E-01	NS	7.94E-02	NS	2.32E-02	-1.8
A_64_P132182	XM_001073316				5.99E-01	NS	6.04E-02	NS	2.34E-02	-1.8
A_43_P14764	NM_021767	60391	Nrxn1	neurexin 1	1.37E-01	NS	3.21E-01	NS	1.25E-02	-1.8
A_64_P152727	XM_001054737	29650	Adam10	ADAM metallopeptidase domain 10	6.12E-01	NS	4.90E-01	NS	3.55E-03	-1.8
A_64_P116924	NM_001047934	498705	LOC498705	hypothetical protein LOC498705	6.30E-02	NS	9.99E-02	NS	4.23E-03	-1.8
A_64_P005832	NM_001025634	290500	A2ld1	AlG2-like domain 1	1.80E-01	NS	6.29E-01	NS	2.94E-02	-1.8

A_64_P031304	NM_057142	117284	Lrrc7	leucine rich repeat containing 7 protein tyrosine phosphatase, receptor type, E	3.04E-01	NS	5.35E-01	NS	1.52E-02	-1.8
A_64_P137130	NM_053767	114767	Ptpre		8.97E-02	NS	5.05E-02	NS	4.76E-02	-1.8
A_64_P090747	NM_012649	24771	Sdc4	syndecan 4	6.64E-02	NS	7.02E-01	NS	1.72E-02	-1.8
A_64_P048939	XM_002726783	100364624	LOC100364624	hypothetical protein LOC100364624 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7	6.86E-02	NS	3.51E-01	NS	2.89E-02	-1.8
A_64_P062608	NM_207600	302302	Chst7		7.56E-02	NS	5.88E-01	NS	6.20E-03	-1.8
A_64_P004796	NM_138517	171528	Gzmb	granzyme B	2.74E-01	NS	3.29E-01	NS	4.38E-02	-1.8
A_64_P028426	NM_001107809	311721	Znf512b	zinc finger protein 512B calcium/calmodulin-dependent protein kinase II inhibitor 1	8.60E-02	NS	8.17E-01	NS	3.53E-02	-1.8
A_44_P493606	NM_173337	287005	Camk2n1		3.73E-01	NS	3.70E-01	NS	3.92E-03	-1.8
A_42_P705090	NM_001107154	304580	Ssh1	slingshot homolog 1 (Drosophila) similar to phosphatase and actin regulator 4	1.17E-01	NS	3.46E-01	NS	3.26E-03	-1.8
A_44_P902822	XM_001063709	682920	LOC682920		6.99E-01	NS	5.77E-01	NS	6.41E-03	-1.8
A_42_P475151	NM_001024864	287061	Rogdi	rogdi homolog (Drosophila)	5.33E-02	NS	5.38E-02	NS	2.26E-02	-1.8
A_64_P033979	NM_019161	29182	Cdh22	cadherin 22	5.35E-01	NS	8.36E-01	NS	1.08E-02	-1.8
A_64_P122612	XM_343054				7.31E-02	NS	4.31E-01	NS	7.31E-03	-1.8
A_42_P600870	NM_0011171802	500413	LOC500413	hypothetical protein LOC500413	2.03E-01	NS	4.12E-01	NS	1.48E-02	-1.8
A_44_P161411	XM_002729003				5.06E-01	NS	8.26E-01	NS	3.28E-04	-1.8
A_64_P060559	XM_579791	498181	RGD1564803	RGD1564803	2.99E-01	NS	9.48E-02	NS	2.62E-02	-1.8
A_64_P073420	NM_198729	289526	Vcsa2	variable coding sequence A2	9.00E-01	NS	1.11E-01	NS	4.70E-02	-1.8
A_64_P025963	NM_001100474	117524	Ccnf	cyclin F	6.39E-02	NS	5.37E-01	NS	4.99E-02	-1.8
A_64_P141888	XM_001073866	502857	Noto	notochord homeobox	3.76E-01	NS	4.61E-01	NS	1.87E-02	-1.8
A_64_P138216	NM_024356	29244	Gch1	GTP cyclohydrolase 1	9.70E-02	NS	2.81E-01	NS	4.11E-02	-1.8
A_64_P086550	AB005540				1.34E-01	NS	2.96E-01	NS	7.49E-03	-1.8
A_64_P109387	NM_001108653	362466	Bicd1	bicaudal D homolog 1 (Drosophila)	3.67E-01	NS	8.63E-01	NS	1.80E-02	-1.8
A_64_P092718	NM_012512	24223	B2m	beta-2 microglobulin	2.05E-01	NS	8.75E-01	NS	8.90E-03	-1.8
A_64_P095760	NM_001109079	305012	Kif26b	kinesin family member 26B similar to Glutathione S-transferase A1 (GTH1) (HA subunit 1) (GST-epsilon) (GSTA1-1) (GST class-alpha)	1.25E-01	NS	8.28E-01	NS	3.41E-02	-1.8
A_42_P623733	NM_001024361	501110	LOC501110		2.45E-01	NS	4.48E-01	NS	1.13E-03	-1.8
A_44_P293315	NM_001106826	300754	Bbs4	Bardet-Biedl syndrome 4	8.74E-02	NS	9.49E-01	NS	2.82E-03	-1.8
A_44_P267218	XM_001064125	308839	Rsf1	remodeling and spacing factor 1	5.15E-01	NS	3.42E-01	NS	1.26E-02	-1.8
A_44_P424614	NM_001025025	363267	LOC363267	hypothetical protein LOC363267	9.62E-01	NS	6.23E-02	NS	4.06E-02	-1.8
A_44_P1046118	NM_001109054	498095	Tctex1d2	Tctex1 domain containing 2	8.89E-02	NS	2.61E-01	NS	4.51E-02	-1.8
A_64_P056743	NM_0011177830	100366054	LOC100366054	Da1-10-like	1.58E-01	NS	6.80E-01	NS	3.39E-02	-1.8
A_44_P570046	CB586512				1.46E-01	NS	4.15E-01	NS	1.28E-02	-1.8
A_44_P575424	NM_001017466	361916	Chmp4c	chromatin modifying protein 4C	1.56E-01	NS	1.79E-01	NS	2.83E-02	-1.8
A_64_P158693	XM_346138	367436	LOC367436	similar to Y-linked testis-specific protein Fc fragment of IgE, high affinity I, receptor for, alpha polypeptide	8.64E-01	NS	6.63E-01	NS	8.38E-03	-1.8
A_64_P052825	NM_012724	25047	Fcer1a		5.83E-01	NS	2.15E-01	NS	4.39E-02	-1.8
A_64_P024130	L08609				1.58E-01	NS	5.66E-02	NS	3.64E-02	-1.8
A_64_P032542	XM_233288				6.72E-01	NS	7.20E-01	NS	4.10E-02	-1.8
A_44_P332586	NM_001047884	310062	Zswim6	zinc finger, SWIM-type containing 6	1.22E-01	NS	6.65E-01	NS	1.27E-03	-1.8
A_64_P043502	XM_001069513	289926	RGD1565725	similar to hypothetical protein FLJ23834	8.14E-01	NS	7.61E-01	NS	1.71E-02	-1.8
A_44_P1037285	NM_212541	294255	Slc44a4	solute carrier family 44, member 4	1.00E-01	NS	9.81E-02	NS	1.79E-02	-1.8
A_42_P756350	NM_021772	60396	Cdkl3	cyclin-dependent kinase-like 3	2.88E-01	NS	7.96E-01	NS	2.92E-03	-1.8
A_44_P215582	NM_001009316	296470	Pdpdf	pancreatic progenitor cell differentiation and proliferation factor homolog (zebrafish) potassium voltage-gated channel, shaker-related subfamily, member 2	1.17E-01	NS	4.15E-01	NS	3.36E-03	-1.8
A_44_P217295	NM_012970	25468	Kcna2		1.25E-01	NS	8.84E-01	NS	1.63E-02	-1.8
A_44_P461989	NM_001024786	313417	Wdr78	WD repeat domain 78	4.70E-01	NS	3.39E-01	NS	4.45E-02	-1.8
A_64_P105992	NM_001047941	499530	LOC499530	hypothetical protein LOC499530	5.95E-01	NS	5.47E-01	NS	2.26E-02	-1.8
A_44_P515679	NM_001107447	308003	Rab11fp2	RAB11 family interacting protein 2 (class I)	2.46E-01	NS	9.02E-01	NS	8.43E-03	-1.8
A_64_P145536	NM_001107536	308846	Uvrug	UV radiation resistance associated gene	6.48E-02	NS	3.17E-01	NS	1.18E-02	-1.7
A_64_P011139	NM_001106682	298483	Lao1	L-amino acid oxidase 1	6.39E-01	NS	4.88E-01	NS	4.60E-02	-1.7
A_64_P051982	XM_001054790				7.05E-01	NS	6.22E-02	NS	3.60E-02	-1.7
A_44_P472855	NM_001000961	405313	Olr1279	olfactory receptor 1279	3.40E-01	NS	6.74E-01	NS	2.71E-02	-1.7
A_64_P004378	XM_001062490	682652	LOC682652	similar to 60S ribosomal protein L29 (P23)	5.02E-01	NS	1.60E-01	NS	3.25E-02	-1.7

A_64_P122671	NM_134373	171386	Avpi1	arginine vasopressin-induced 1	8.90E-02	NS	9.28E-01	NS	4.09E-02	-1.7
A_44_P792281	NM_001109597	690489	Cys1	cystin 1	3.29E-01	NS	1.96E-01	NS	9.33E-03	-1.7
A_64_P118225	XM_001064613	685636	LOC685636	hypothetical protein LOC685636	2.86E-01	NS	1.73E-01	NS	3.50E-02	-1.7
A_42_P749222	NM_001025152	500707	Tc2n	tandem C2 domains, nuclear	7.15E-02	NS	9.22E-02	NS	3.05E-02	-1.7
A_43_P23039	XM_213443	287659	Socs7	suppressor of cytokine signaling 7	6.67E-01	NS	9.13E-01	NS	7.32E-03	-1.7
A_44_P1030081	NM_001014091	315712	Ccdc33	coiled-coil domain containing 33	2.28E-01	NS	3.85E-01	NS	2.02E-02	-1.7
A_43_P17029	NM_001106873	301113	Slc25a23	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 23	9.08E-02	NS	1.56E-01	NS	1.18E-02	-1.7
A_44_P337706	XM_002729078				8.97E-01	NS	5.17E-01	NS	1.58E-02	-1.7
A_64_P146682	NM_001108082	314743	Pctk2	PCTAIRE protein kinase 2	8.27E-02	NS	2.19E-01	NS	2.43E-02	-1.7
A_44_P395374	NM_053779	116459	Serpini1	serine (or cysteine) peptidase inhibitor, clade I, member 1	6.99E-01	NS	3.38E-01	NS	1.04E-02	-1.7
A_64_P135162		687620	LOC687620	similar to mirror-image polydactyly 1	2.07E-01	NS	3.06E-01	NS	6.57E-03	-1.7
A_64_P149884	NM_001079884	293181	Galnt4	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 4	1.19E-01	NS	7.36E-02	NS	7.93E-03	-1.7
A_64_P144118	NM_001106269	293012	Olig3	oligodendrocyte transcription factor 3	6.79E-01	NS	8.17E-02	NS	2.55E-02	-1.7
A_44_P340261	NM_001025276	298077	RGD1305807	hypothetical LOC298077	8.38E-01	NS	9.72E-01	NS	3.97E-02	-1.7
A_64_P040994	NM_031605	266674	Cyp4a8	cytochrome P450, family 4, subfamily a, polypeptide 8	6.12E-01	NS	4.88E-01	NS	2.49E-03	-1.7
A_43_P22653	NM_001100990	498997	Rspo3	R-spondin 3 homolog (<i>Xenopus laevis</i>)	6.94E-01	NS	6.80E-01	NS	1.74E-02	-1.7
A_42_P828102	NM_212532	294239	Ddah2	dimethylarginine dimethylaminohydrolase 2	4.15E-01	NS	2.33E-01	NS	3.17E-04	-1.7
A_64_P113950	XM_001069306	362341	Zc3hav1l	zinc finger CCCH-type, antiviral 1-like family with sequence similarity 193, member A	1.50E-01	NS	4.27E-01	NS	1.74E-02	-1.7
A_64_P309789	XM_223536	305452	Fam193a	member A	1.01E-01	NS	6.44E-01	NS	2.58E-02	-1.7
A_64_P091681	XM_002729125	685374	Ankrd13c	ankyrin repeat domain 13C	9.62E-01	NS	2.55E-01	NS	1.15E-02	-1.7
A_44_P748217	XR_085863	503029	RGD1559545	similar to ATPase inhibitory factor 1	8.63E-02	NS	2.02E-01	NS	1.52E-02	-1.7
A_64_P085321	NM_001177818	100362070	LOC100362070	LRRGT00020-like	6.92E-01	NS	2.97E-01	NS	3.05E-03	-1.7
A_42_P648707	NM_001013120	303926	Igsf11	immunoglobulin superfamily, member 11	3.73E-01	NS	1.25E-01	NS	2.43E-02	-1.7
A_44_P1024567	NM_001108364	360961	Mxd4	Max dimerization protein 4	5.34E-02	NS	5.00E-01	NS	1.53E-02	-1.7
A_64_P013802	NM_001170469	291604	Dcp2	DCP2 decapping enzyme homolog (S. cerevisiae)	2.66E-01	NS	5.62E-02	NS	3.31E-02	-1.7
A_44_P445575	NM_001039505	306657	Irx2	iroquois homeobox 2	8.00E-02	NS	9.10E-01	NS	1.50E-02	-1.7
A_42_P834614	NM_133536	171058	Rab3c	RAB3C, member RAS oncogene family	9.90E-02	NS	5.93E-01	NS	1.73E-02	-1.7
A_64_P062638	NM_013100	25637	Ptger1	prostaglandin E receptor 1 (subtype EP1)	2.37E-01	NS	4.31E-01	NS	1.65E-02	-1.7
A_42_P570635	BF548127				4.69E-01	NS	3.06E-01	NS	7.89E-03	-1.7
A_43_P15244	NM_012596	24536	Lepr	leptin receptor	6.14E-01	NS	2.34E-01	NS	2.87E-02	-1.7
A_42_P764985	NM_133402	170914	Nap1l3	nucleosome assembly protein 1-like 3	1.36E-01	NS	3.06E-01	NS	4.35E-02	-1.7
A_64_P115728		683029	LOC683029	hypothetical protein LOC683029	1.95E-01	NS	7.56E-01	NS	2.12E-02	-1.7
A_64_P114713	NM_001007654	298646	Agtrap	angiotensin II receptor-associated protein 4-nitrophenylphosphatase domain and non-neuronal SNAP25-like protein homolog 1 (<i>C. elegans</i>)	9.07E-02	NS	4.92E-01	NS	3.67E-02	-1.7
A_64_P117091	NM_001100730	360971	Nipsnap1	(<i>C. elegans</i>)	1.36E-01	NS	2.22E-01	NS	4.58E-02	-1.7
A_44_P210262	NM_001000683	404888	Olr483	olfactory receptor 483	2.87E-01	NS	9.50E-01	NS	3.90E-02	-1.7
A_64_P170718	NM_001099494	691438	Vom2r54	vomer nasal 2 receptor, 54	9.08E-01	NS	7.64E-01	NS	2.80E-02	-1.7
A_64_P007508	NM_017104	25610	Csf3	colony stimulating factor 3 (granulocyte)	8.42E-02	NS	6.86E-01	NS	2.63E-02	-1.7
A_44_P547801	NM_012796	29487	Gstt2	glutathione S-transferase, theta 2	1.54E-01	NS	7.14E-01	NS	8.54E-03	-1.7
A_64_P019643	NM_032059	84006	Prkci	protein kinase C, iota	2.09E-01	NS	7.38E-01	NS	1.22E-02	-1.7
A_44_P476598	XM_002729465	500446	RGD1559864	similar to mKIAA1045 protein	8.52E-01	NS	1.02E-01	NS	3.88E-02	-1.7
A_64_P117720	NM_001014133	360910	Abcg3l2	ATP-binding cassette, sub-family G (WHITE), member 3-like 2	2.24E-01	NS	7.40E-01	NS	2.20E-02	-1.7
A_42_P573312	NM_001134761	499518	Ccdc125	coiled-coil domain containing 125	2.05E-01	NS	3.17E-01	NS	3.14E-02	-1.7
A_64_P160575	XR_007378				4.46E-01	NS	8.34E-01	NS	2.63E-02	-1.7
A_64_P017525	XM_001057731	314555	Tspyl5	TSPY-like 5	9.11E-01	NS	6.17E-01	NS	2.97E-02	-1.7
A_44_P1056401	NM_001004261	309381	Pyroxd2	pyridine nucleotide-disulphide oxidoreductase domain 2	4.91E-01	NS	4.92E-01	NS	4.19E-02	-1.7
A_64_P113666	NM_001099472	292547	Vom2r28	vomer nasal 2 receptor, 28	7.23E-01	NS	4.47E-01	NS	1.75E-02	-1.7

A_64_P014667	NM_001107106	304061	Brwd1	bromodomain and WD repeat domain containing 1	5.73E-01	NS	3.29E-01	NS	4.88E-03	-1.7
A_44_P607722	NM_001017487	498176	Bri3bp	Bri3 binding protein	6.87E-01	NS	2.63E-01	NS	4.71E-02	-1.7
A_64_P118402	NM_017071	24954	Insr	insulin receptor	6.86E-02	NS	4.37E-01	NS	3.03E-02	-1.7
A_64_P011389	XM_574405				6.56E-01	NS	8.65E-01	NS	2.61E-02	-1.7
A_64_P036770		307757	Neto2	neuropilin (NRP) and tolloid (TLL)-like 2 PAN2 polyA specific ribonuclease subunit	7.02E-01	NS	2.40E-01	NS	3.25E-02	-1.7
A_44_P256457	NM_001008862	408200	Pan2	homolog (S. cerevisiae)	6.52E-01	NS	6.03E-01	NS	2.15E-02	-1.7
A_64_P142897	NM_001108907	365194	Cabp5	calcium binding protein 5	6.85E-01	NS	6.43E-01	NS	8.07E-03	-1.7
A_44_P424347	NM_001106199	292101	RGD1559496	similar to hypothetical protein signal-induced proliferation-associated 1 like 3	6.68E-01	NS	4.83E-01	NS	3.07E-02	-1.7
A_64_P142809	NM_001013066	292771	Sipa113	like 3	7.28E-01	NS	6.69E-01	NS	3.65E-02	-1.7
A_44_P368461	NM_001107085	303861	Cpn2	carboxypeptidase N, polypeptide 2	2.87E-01	NS	8.72E-01	NS	3.82E-02	-1.7
A_64_P086223	EV763082				2.74E-01	NS	5.55E-01	NS	3.16E-02	-1.7
A_44_P389178	NM_001127541	309112	Efcab4a	EF-hand calcium binding domain 4A	8.18E-01	NS	2.86E-01	NS	4.52E-02	-1.7
A_64_P145087	NM_001127446	58834	Dlc1	deleted in liver cancer 1	6.02E-01	NS	8.49E-01	NS	1.05E-02	-1.7
A_64_P121016	NM_139043	245709	Exoc8	exocyst complex component 8	4.39E-01	NS	7.29E-01	NS	3.84E-03	-1.7
A_42_P585155	NM_053371	84384	Fxc1	fractured callus expressed transcript 1	1.51E-01	NS	7.93E-01	NS	2.27E-04	-1.7
A_64_P222609	NM_172222	24231	C2	complement component 2	5.29E-02	NS	8.45E-02	NS	2.42E-02	-1.7
A_44_P1035051	NM_001107175	304799	Ppp1r15b	protein phosphatase 1, regulatory (inhibitor) subunit 15b	6.63E-01	NS	9.33E-01	NS	8.33E-03	-1.7
A_42_P640992	XM_002726274	311573	Cep250	centrosomal protein 250kDa	6.68E-02	NS	9.88E-01	NS	4.91E-02	-1.7
A_44_P356962	NM_001013155	309548	Shoc2	similar to RIKEN cDNA 1700081O22	8.47E-02	NS	4.33E-01	NS	1.60E-02	-1.7
A_64_P249426	NM_001014271	367515	LOC367515	similar to RIKEN cDNA 1700081O22	5.55E-01	NS	8.55E-02	NS	3.33E-02	-1.7
A_64_P155290	XM_001067315				3.92E-01	NS	8.58E-01	NS	7.83E-04	-1.7
A_43_P19279	XM_343507	363168	Lyzl4	lysozyme-like 4	2.52E-01	NS	1.52E-01	NS	3.52E-02	-1.7
A_64_P165451	NM_001012121	315189	Prr5	proline rich 5 (renal)	1.19E-01	NS	2.42E-01	NS	1.96E-02	-1.7
A_44_P371777	NM_147207	259227	Vof16	ischemia related factor vof-16 cellular repressor of E1A-stimulated genes 1	1.18E-01	NS	5.51E-01	NS	9.39E-03	-1.7
A_64_P016901	NM_001105966	289185	Creg1	1	9.17E-02	NS	1.02E-01	NS	1.23E-02	-1.7
A_44_P897442	NM_012994	25501	Nxph1	neurexophilin 1	6.67E-01	NS	1.35E-01	NS	1.45E-02	-1.7
A_42_P601802	NM_134465	171499	Crif2	cytokine receptor-like factor 2	5.34E-02	NS	5.23E-01	NS	3.64E-02	-1.7
A_42_P459204	NM_001014171	361954	Veph1	homolog 1 (zebrafish)	8.35E-01	NS	5.43E-01	NS	1.06E-02	-1.7
A_64_P094940	NM_001039101	317235	Zdhc15	zinc finger, DHHC-type containing 15	3.02E-01	NS	6.65E-01	NS	4.58E-02	-1.7
A_64_P088881	XM_001062688	690180	LOC690180	hypothetical protein LOC690180 family with sequence similarity 13, member A1	7.44E-01	NS	1.01E-01	NS	5.31E-03	-1.7
A_44_P144988	NM_001100862	362378	Fam13a1	A1	4.04E-01	NS	8.34E-02	NS	1.21E-03	-1.7
A_64_P068524	XM_219498	293631	Brsk2	brain serine/threonine kinase 2	8.15E-01	NS	1.77E-01	NS	2.89E-02	-1.7
A_64_P023421	NM_001107515	308632	Hebp2	heme binding protein 2	1.82E-01	NS	9.26E-01	NS	2.77E-02	-1.7
A_64_P129478	XM_001053483				5.32E-01	NS	8.80E-01	NS	9.80E-03	-1.7
A_43_P19632	NM_001047089	296072	Spred1	sprouty-related, EVH1 domain containing 1	1.65E-01	NS	9.93E-01	NS	5.13E-03	-1.7
A_43_P18782	NM_001107882	312656	8-Mar	membrane-associated ring finger (C3HC4) 8	5.12E-01	NS	6.06E-01	NS	2.00E-03	-1.7
A_42_P829349	NM_001107249	305685	Comtd1	catechol-O-methyltransferase domain containing 1	2.59E-01	NS	7.74E-01	NS	2.25E-03	-1.7
A_44_P158957	XM_002724787	288485	Zfp853	zinc finger protein 853	1.11E-01	NS	8.33E-01	NS	3.94E-02	-1.7
A_64_P012193	XM_001053731				8.27E-01	NS	3.14E-01	NS	4.75E-02	-1.7
A_64_P162875	NM_138516	171525	Polk	polymerase (DNA directed) kappa	2.20E-01	NS	4.56E-01	NS	2.58E-03	-1.7
A_42_P803406	NM_001107053	303563	Nags	N-acetylglutamate synthase	3.79E-01	NS	5.01E-01	NS	9.16E-03	-1.7
A_43_P17493	BC088210				6.19E-01	NS	7.98E-02	NS	3.71E-02	-1.7
A_44_P1005199	XM_001055013	299830	Lrig3	leucine-rich repeats and immunoglobulin-like domains 3	7.81E-01	NS	6.24E-02	NS	4.33E-02	-1.7
A_64_P040381	NM_133297	113922	15-Sep	selenoprotein	7.62E-02	NS	5.43E-01	NS	1.28E-02	-1.7
A_64_P033959	XM_001060143	311693	Cdh26	cadherin-like 26	5.58E-02	NS	9.89E-02	NS	2.39E-02	-1.7
A_43_P11610	NM_012899	25374	Alad	aminolevulinate, delta-, dehydratase	1.71E-01	NS	9.56E-01	NS	5.96E-03	-1.7

A_64_P146692	NM_012697	24904	Slc22a1	solute carrier family 22 (organic cation transporter), member 1	8.30E-02	NS	6.10E-01	NS	4.24E-02	-1.7
A_44_P274083	NM_173105	286758	Aqp11	aquaporin 11	7.86E-01	NS	3.39E-01	NS	4.37E-02	-1.7
A_42_P469751	XM_001054007	117517	C7	complement component 7	5.29E-01	NS	1.44E-01	NS	2.98E-02	-1.7
A_64_P018626	NM_173294	286953	Cyp2b3	cytochrome P450, family 2, subfamily b, polypeptide 3	6.02E-01	NS	8.61E-01	NS	2.75E-02	-1.7
A_44_P808057	NM_001024782	311846	Lrrc8a	leucine rich repeat containing 8 family, member A	6.54E-02	NS	3.76E-01	NS	2.88E-03	-1.7
A_64_P155895	NM_001009658	297332	Thns12	threonine synthase-like 2 (S. cerevisiae)	1.26E-01	NS	8.37E-01	NS	8.78E-03	-1.7
A_42_P550360	NM_001013067	292866	Klk1b21	kallikrein 1-related peptidase b21	7.99E-01	NS	1.60E-01	NS	2.61E-02	-1.7
A_64_P136542	NM_019381	24822	Tmbim6	transmembrane BAX inhibitor motif containing 6	8.72E-02	NS	5.16E-01	NS	2.33E-02	-1.7
A_44_P867688	XM_001060041	502510	Ttc23l	tetratricopeptide repeat domain 23-like	7.17E-01	NS	2.50E-01	NS	3.26E-02	-1.7
A_64_P045171	FM095807				3.43E-01	NS	1.30E-01	NS	4.54E-03	-1.7
A_42_P840867	XR_085743	100363987	LOC100363987	mCG114897-like	1.28E-01	NS	3.14E-01	NS	4.16E-02	-1.7
A_64_P102533	NM_001109480	685756	Tmem229a	transmembrane protein 229A	3.18E-01	NS	5.34E-01	NS	1.01E-02	-1.7
A_64_P061959	NM_012898	25373	Ahsg	alpha-2-HS-glycoprotein	5.93E-01	NS	3.32E-01	NS	1.49E-02	-1.7
A_64_P122452	NM_001025409	297893	Hdac1	histone deacetylase 1	5.17E-02	NS	7.27E-02	NS	4.07E-02	-1.7
A_64_P021855	BC085354	499643	LOC499643	similar to hypothetical protein FLJ25371	9.15E-01	NS	8.68E-02	NS	1.19E-02	-1.7
A_64_P085341	NM_001108365	360973	Gas2l1	growth arrest-specific 2 like 1	2.88E-01	NS	8.34E-01	NS	1.22E-02	-1.7
A_44_P231337	NM_001001126	406053	Olr637	olfactory receptor 637	3.37E-01	NS	5.60E-02	NS	1.15E-02	-1.7
A_64_P143987	XM_002724831	685030	LOC685030	similar to paired immunoglobulin-like type 2 receptor beta	2.26E-01	NS	1.21E-01	NS	2.22E-02	-1.7
A_64_P154243	NM_176861	294961	Kcnmb2	potassium large conductance calcium-activated channel, subfamily M, beta member 2	2.24E-01	NS	3.83E-01	NS	2.31E-02	-1.7
A_64_P164997	XM_001079259	691684	LOC691684	similar to MIC2 like 1	1.01E-01	NS	1.92E-01	NS	7.82E-03	-1.7
A_64_P043036	NM_001012746	362627	Rcan3	RCAN family member 3	1.81E-01	NS	9.38E-01	NS	3.05E-02	-1.7
A_64_P138984	NM_001037581	652926	Rhox10	reproductive homeobox 10	1.92E-01	NS	2.83E-01	NS	4.36E-03	-1.7
A_64_P097881	XM_002725357				1.97E-01	NS	7.65E-01	NS	4.42E-02	-1.7
A_64_P028943	NM_001127529	301525	Glb1l	galactosidase, beta 1-like	5.27E-02	NS	9.03E-01	NS	3.63E-02	-1.7
A_64_P068433	XM_001064312	685563	LOC685563	similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg)	2.59E-01	NS	2.55E-01	NS	5.41E-03	-1.7
A_64_P082017	NM_001000104	290957	Olr1653	olfactory receptor 1653	3.41E-01	NS	8.28E-02	NS	3.60E-02	-1.7
A_44_P212602	NM_001001035	405921	Olr232	olfactory receptor 232	4.52E-01	NS	4.18E-01	NS	3.69E-02	-1.7
A_64_P049096	NM_024367	79208	Epha5	EphA5	2.68E-01	NS	3.55E-01	NS	6.58E-03	-1.7
A_64_P281091	NM_031788	83618	Rest	RE1-silencing transcription factor	1.51E-01	NS	8.91E-01	NS	9.35E-03	-1.7
A_42_P463754	NM_030994	25118	Itga1	integrin, alpha 1	9.13E-02	NS	4.11E-01	NS	5.72E-04	-1.7
A_64_P022452	XM_001080758	691997	Pebp4	phosphatidylethanolamine binding protein 4	6.10E-01	NS	1.64E-01	NS	2.92E-02	-1.7
A_64_P062373	NM_001128193	687208	LOC687208	similar to vacuolar protein sorting 37D	3.25E-01	NS	6.53E-01	NS	3.95E-02	-1.7
A_64_P108279	XM_001062130	685064	LOC685064	similar to spermatogenesis associated glutamate (E)-rich protein 4b	4.07E-01	NS	8.30E-01	NS	1.38E-02	-1.7
A_44_P283715	XM_002725015	305556	Ehbp1	EH domain binding protein 1	5.08E-01	NS	1.46E-01	NS	1.41E-02	-1.7
A_42_P507035	NM_001109236	500133	Nod1	nucleotide-binding oligomerization domain containing 1	8.49E-02	NS	1.10E-01	NS	8.48E-03	-1.7
A_44_P991864	NM_053596	94204	Ece1	endothelin converting enzyme 1	7.08E-01	NS	9.03E-01	NS	9.63E-03	-1.7
A_64_P026291	NM_133305	140667	Ap3m2	adaptor-related protein complex 3, mu 2 subunit	2.05E-01	NS	5.75E-01	NS	8.42E-03	-1.7
A_64_P089280	XM_002725003				2.51E-01	NS	5.04E-01	NS	5.95E-03	-1.7
A_64_P152637	XM_001054841	501592	RGD1564177	RGD1564177	8.82E-02	NS	4.25E-01	NS	4.95E-02	-1.7
A_64_P104548	NM_019312	54260	Itpkb	inositol 1,4,5-trisphosphate 3-kinase B	1.62E-01	NS	7.29E-01	NS	4.72E-02	-1.7
A_44_P436310	XM_342133	361839	RGD1562230	similar to catenin alpha 3	9.06E-01	NS	8.18E-02	NS	1.03E-02	-1.6
A_64_P147871	FQ223062				2.42E-01	NS	8.68E-01	NS	2.14E-02	-1.6
A_44_P456616	NM_001000348	295875	Olr668	olfactory receptor 668	8.85E-01	NS	1.61E-01	NS	4.78E-02	-1.6
A_43_P18610	NM_001107441	307926	RGD1563235	similar to 1700054N08Rik protein	1.58E-01	NS	3.35E-01	NS	3.70E-02	-1.6
A_64_P065676	NM_001108622	362342	Hipk2	homeodomain interacting protein kinase 2	8.23E-02	NS	1.54E-01	NS	7.93E-03	-1.6
A_44_P100197	NM_001009537	494339	Zfp799	zinc finger protein 799	1.45E-01	NS	5.49E-01	NS	6.00E-03	-1.6

A_64_P152261	NM_001127526	298841	RGD1311605	similar to apoptosis related protein APR-3; p18 protein	8.87E-02	NS	6.24E-01	NS	2.61E-03	-1.6
A_64_P089370	NM_178092	295645	Slc4a10	solute carrier family 4, sodium bicarbonate transporter, member 10	1.51E-01	NS	3.03E-01	NS	2.08E-02	-1.6
A_64_P128433	NM_001034998	619580	Ctps2	CTP synthase II	2.28E-01	NS	6.33E-01	NS	1.96E-02	-1.6
A_44_P638290	NM_001024327	500110	Znf467	zinc finger protein 467	6.98E-01	NS	1.97E-01	NS	1.26E-02	-1.6
A_64_P165095	XM_001056683	302639	RGD1560267	similar to ring finger protein 168	5.26E-01	NS	8.54E-01	NS	2.69E-02	-1.6
A_64_P091268	NM_001170475	361030	RGD1562018	similar to Protein C14orf101 homolog	7.88E-01	NS	8.36E-01	NS	2.22E-02	-1.6
A_64_P088750	NM_053831	116556	Gucy2f	guanylate cyclase 2F	2.18E-01	NS	4.69E-01	NS	2.68E-02	-1.6
A_64_P074310	NM_001000300	295741	Olr470	olfactory receptor 470	1.49E-01	NS	6.28E-02	NS	4.46E-02	-1.6
A_64_P099432	XM_001071227				7.15E-01	NS	1.26E-01	NS	4.03E-02	-1.6
A_64_P090866	NM_012719	25033	Sstr1	somatostatin receptor 1	7.41E-01	NS	3.06E-01	NS	4.79E-02	-1.6
A_64_P000328	NM_001109633	691277	LOC691277	similar to Robo-1	6.55E-01	NS	1.53E-01	NS	4.75E-02	-1.6
A_43_P15556	NM_022220	60671	Gulo	gulonolactone (L-) oxidase	2.40E-01	NS	1.46E-01	NS	1.34E-02	-1.6
A_64_P101774	NM_001000440	300548	Olr1222	olfactory receptor 1222	1.39E-01	NS	8.13E-01	NS	1.03E-02	-1.6
A_64_P021241	NM_139259	246143	Nradd	neurotrophin receptor associated death domain	3.67E-01	NS	3.79E-01	NS	2.39E-02	-1.6
A_44_P1027971	NM_001109509	688730	Gpr84	G protein-coupled receptor 84	9.55E-01	NS	5.40E-01	NS	5.62E-03	-1.6
A_64_P022283	NM_001025628	288053	Ropn1	ropporin, rhophilin associated protein 1	3.94E-01	NS	3.72E-01	NS	2.69E-02	-1.6
A_64_P114903	NM_001106561	296599	RGD1311501	similar to chromosome 9 open reading frame 7	1.42E-01	NS	6.42E-01	NS	2.85E-03	-1.6
A_64_P045646	XM_001076514	691014	Dppa3l1	developmental pluripotency associated 3-like 1	2.85E-01	NS	4.68E-01	NS	2.35E-02	-1.6
A_64_P008450	XM_221384				5.48E-01	NS	7.61E-01	NS	3.38E-02	-1.6
A_42_P674742	XM_002726367	685879	Jazf1	JAZF zinc finger 1	3.00E-01	NS	7.51E-01	NS	9.14E-03	-1.6
A_44_P212521	NM_153466	266704	Gzmf	granzyme F	4.94E-01	NS	2.35E-01	NS	7.42E-03	-1.6
A_44_P547892	NM_001000753	405023	Olr1345	olfactory receptor 1345	5.98E-02	NS	9.29E-01	NS	1.35E-02	-1.6
A_64_P047993	XM_001063469	685357	Baiap2l2	BAL1-associated protein 2-like 2	7.14E-01	NS	7.57E-01	NS	2.88E-02	-1.6
A_64_P024232	NM_001106727	299016	Npas3	neuronal PAS domain protein 3	8.42E-02	NS	4.56E-01	NS	4.37E-02	-1.6
A_44_P114500	NM_001037210	365960	Gipc2	GIPC PDZ domain containing family, member 2	1.13E-01	NS	4.44E-01	NS	2.75E-02	-1.6
A_44_P836794	XM_001063933	498073	Ccdc54	coiled-coil domain containing 54	3.69E-01	NS	5.47E-01	NS	4.46E-02	-1.6
A_64_P090299	XM_001055022	679168	LOC679168	hypothetical protein LOC679168	6.92E-01	NS	4.23E-01	NS	2.40E-02	-1.6
A_44_P557273	NM_001000793	405077	Olr1316	olfactory receptor 1316	7.09E-02	NS	7.62E-01	NS	7.88E-03	-1.6
A_44_P103082	XM_001064403	302612	Tspyl2	TSPY-like 2	1.74E-01	NS	4.20E-01	NS	3.56E-02	-1.6
A_64_P033924	NM_001107196	304962	Atf6	activating transcription factor 6	2.33E-01	NS	2.39E-01	NS	5.46E-03	-1.6
A_44_P271769	NM_016988	24162	Acp2	acid phosphatase 2, lysosomal	1.79E-01	NS	1.71E-01	NS	4.01E-03	-1.6
A_44_P840715	NM_001007704	313843	Galm	galactose mutarotase (aldose 1-epimerase)	2.80E-01	NS	1.53E-01	NS	1.13E-02	-1.6
A_64_P028011	NM_001106188	292041	Wwox	WW domain-containing oxidoreductase	1.90E-01	NS	3.82E-01	NS	3.24E-02	-1.6
A_44_P535284	NM_030850	81508	Bhmt	betaine-homocysteine methyltransferase	2.01E-01	NS	7.38E-01	NS	1.06E-02	-1.6
A_64_P103238	NM_001014158	361487	Zfp52	zinc finger protein 52	2.74E-01	NS	6.63E-01	NS	1.17E-02	-1.6
A_64_P130174	NM_023970	66026	Trpv4	transient receptor potential cation channel, subfamily V, member 4	1.01E-01	NS	2.88E-01	NS	3.95E-02	-1.6
A_43_P17757	NM_133287	29419	Numb	numb homolog (Drosophila)	6.27E-02	NS	8.02E-01	NS	5.79E-03	-1.6
A_64_P004705	NM_001011974	298024	Akap2	A kinase (PRKA) anchor protein 2	2.63E-01	NS	7.90E-01	NS	4.79E-03	-1.6
A_64_P067098	XM_001065135	306718	RGD1564657	similar to cathepsin 1 precursor	7.93E-01	NS	2.64E-01	NS	1.19E-02	-1.6
A_64_P058432	NM_001160263	100301568	Abo2	histo-blood group ABO system transferase 2	2.02E-01	NS	9.98E-01	NS	2.08E-02	-1.6
A_44_P937601	XR_007251	306096	LOC306096	similar to Dachshund homolog 1 (Dach1)	8.71E-02	NS	9.34E-01	NS	2.05E-02	-1.6
A_43_P14812	XM_001080074	308986	Tmem219	transmembrane protein 219	1.05E-01	NS	3.90E-01	NS	1.83E-02	-1.6
A_44_P445712	XM_001062396				7.91E-02	NS	7.29E-01	NS	1.04E-02	-1.6
A_64_P043614	NM_001108728	362812	Slc39a5	solute carrier family 39 (metal ion transporter), member 5	1.16E-01	NS	9.66E-01	NS	8.09E-03	-1.6
A_44_P147328	XM_002726151				6.06E-01	NS	5.28E-01	NS	1.75E-02	-1.6
A_64_P123695	NM_001100860	361836	Slc25a16	solute carrier family 25 (mitochondrial carrier, Graves disease autoantigen), member 16	9.91E-02	NS	6.29E-01	NS	1.14E-03	-1.6
A_64_P160437	XM_002726367	685879	Jazf1	JAZF zinc finger 1	2.31E-01	NS	5.22E-01	NS	2.40E-02	-1.6

A_64_P160586	NM_019331	54281	Furin	furin (paired basic amino acid cleaving enzyme)	1.62E-01	NS	5.41E-01	NS	2.03E-02	-1.6
A_64_P057924	NM_001085404	689790	Clec2d11	C-type lectin domain family 2 member d-like 1	1.28E-01	NS	6.08E-01	NS	3.08E-02	-1.6
A_44_P379805	NM_001135013	293117	Ankrd42	ankyrin repeat domain 42	7.59E-01	NS	4.05E-01	NS	4.89E-02	-1.6
A_64_P055472	NM_001109584	690366	Vangl1	vang-like 1 (van gogh, Drosophila)	1.86E-01	NS	5.24E-01	NS	6.68E-03	-1.6
A_44_P345298	NM_012835	25305	Cort	cortistatin	1.50E-01	NS	1.44E-01	NS	4.92E-02	-1.6
A_64_P019636	AY539932				7.80E-02	NS	5.04E-02	NS	3.20E-03	-1.6
A_64_P054676	NM_001130556	315388	Tmprss6	transmembrane protease, serine 6 zinc binding alcohol dehydrogenase, domain containing 2	1.31E-01	NS	9.36E-01	NS	1.47E-02	-1.6
A_44_P732517	NM_001106129	291403	Zadh2		8.76E-01	NS	5.52E-01	NS	3.29E-02	-1.6
A_44_P105069	NM_001108902	365042	Rab32	RAB32, member RAS oncogene family	4.77E-01	NS	2.50E-01	NS	1.16E-02	-1.6
A_44_P519620	NM_001105735	65161	Litaf	lipopolysaccharide-induced TNF factor glucosaminyl (N-acetyl) transferase 2, l-branching enzyme	6.60E-01	NS	2.18E-01	NS	4.63E-02	-1.6
A_64_P038478	NM_001001511	306860	Gcnt2		1.86E-01	NS	5.50E-01	NS	1.26E-02	-1.6
A_64_P097854	XM_001081513				4.43E-01	NS	5.02E-01	NS	2.96E-03	-1.6
A_64_P174571	NM_138914	192348	Fnbp1	formin binding protein 1	1.30E-01	NS	3.28E-01	NS	1.94E-02	-1.6
A_64_P092201	AF202115	24268	Cp	ceruloplasmin	7.98E-01	NS	8.50E-01	NS	5.18E-03	-1.6
A_64_P004974	NM_017333	50672	Ednrb	endothelin receptor type B	8.66E-02	NS	2.02E-01	NS	3.26E-02	-1.6
A_42_P599074	NM_001047907	361814	Sfrs3	splicing factor, arginine/serine-rich 3	1.30E-01	NS	1.45E-01	NS	3.66E-02	-1.6
A_44_P140266	NM_001107707	310732	Slc22a15	solute carrier family 22, member 15 solute carrier family 25 (mitochondrial carrier, Graves disease autoantigen), member 16	1.46E-01	NS	9.04E-01	NS	3.20E-02	-1.6
A_42_P542773	NM_001100860	361836	Slc25a16		2.10E-01	NS	2.73E-01	NS	3.96E-02	-1.6
A_44_P153709	NR_003527	364128	Dzip1-ps1	DAZ interacting protein 1, pseudogene 1	6.96E-01	NS	9.47E-01	NS	2.88E-02	-1.6
A_44_P527376	NM_001106300	293526	Ate1	arginyltransferase 1 solute carrier family 16, member 2 (monocarboxylic acid transporter 8)	5.52E-01	NS	3.42E-01	NS	1.11E-02	-1.6
A_64_P074046	NM_147216	259248	Slc16a2		2.40E-01	NS	6.48E-01	NS	2.44E-02	-1.6
A_64_P399127	CB803572				2.73E-01	NS	3.75E-01	NS	2.67E-02	-1.6
A_43_P14432	NM_001106826	300754	Bbs4	Bardet-Biedl syndrome 4	2.30E-01	NS	3.49E-01	NS	3.26E-02	-1.6
A_44_P447344	NM_030840	83819	Slc26a5	solute carrier family 26, member 5 (prestin) vitamin K epoxide reductase complex, subunit 1	1.54E-01	NS	8.87E-01	NS	3.99E-02	-1.6
A_43_P10257	NM_203335	309004	Vkorc1	poly (ADP-ribose) polymerase family, member 14	1.10E-01	NS	4.11E-01	NS	5.11E-03	-1.6
A_64_P024419	XM_001071334	303903	Parp14		2.04E-01	NS	4.76E-01	NS	2.43E-02	-1.6
A_64_P105556	NM_001113779	307920	Pabpn1	poly(A)binding protein nuclear 1-like leucine rich repeat and coiled-coil domain containing 1	1.84E-01	NS	6.73E-02	NS	2.29E-02	-1.6
A_44_P180147	NM_001100645	266808	Lrrcc1		1.50E-01	NS	2.34E-01	NS	1.39E-02	-1.6
A_44_P344519	NM_001107123	304302	Zfp469	zinc finger protein 469	1.75E-01	NS	7.94E-01	NS	1.44E-02	-1.6
A_64_P074715	XM_001071139	500996	Layn	layilin	6.72E-01	NS	7.22E-01	NS	4.50E-03	-1.6
A_64_P094666	XM_576913	501512	RGD1559731	similar to RIKEN cDNA 4930578C19 IQ motif containing GTPase activating protein 1	7.22E-01	NS	1.28E-01	NS	1.97E-02	-1.6
A_44_P424087	NM_001108489	361598	Iqgap1		5.66E-02	NS	7.01E-01	NS	5.71E-03	-1.6
A_64_P004725	NM_001001801	361458	Akap7	A kinase (PRKA) anchor protein 7	1.69E-01	NS	3.00E-01	NS	2.15E-02	-1.6
A_44_P263015	NM_001130542	299940	Sntb1	syntrophin, beta 1 EGF-containing fibulin-like extracellular matrix protein 2	9.94E-01	NS	2.26E-01	NS	1.52E-02	-1.6
A_64_P086655	NM_001005907	293677	Efemp2		7.48E-02	NS	5.51E-01	NS	1.92E-02	-1.6
A_64_P012927	NM_001109534	689374	Tktl1	transketolase-like 1	1.59E-01	NS	6.72E-01	NS	3.51E-02	-1.6
A_44_P511516	NM_001105880	288105	Zbtb20	zinc finger and BTB domain containing 20 phosphatidylinositol glycan anchor biosynthesis, class H	8.38E-01	NS	7.36E-01	NS	7.59E-03	-1.6
A_64_P143971	NM_001108714	362756	Pigh		1.61E-01	NS	1.87E-01	NS	3.80E-02	-1.6
A_44_P1025454	NM_001034131	297480	Foxp1	forkhead box P1	2.83E-01	NS	5.97E-01	NS	2.10E-03	-1.6
A_44_P196717	NM_001108922	365381	Stk32c	serine/threonine kinase 32C	3.78E-01	NS	2.08E-01	NS	2.70E-02	-1.6
A_42_P683840	NM_001108660	362505	Ccl27	chemokine (C-C motif) ligand 27	4.58E-01	NS	7.62E-01	NS	1.03E-02	-1.6
A_43_P15761	NM_031608	50592	Gria1	glutamate receptor, ionotropic, AMPA 1	3.76E-01	NS	9.48E-01	NS	3.64E-02	-1.6
A_44_P464237	NM_001134598	367734	RGD1563155	similar to RIKEN cDNA 1700054O13 potassium channel tetramerisation domain containing 1	8.17E-02	NS	1.43E-01	NS	4.93E-03	-1.6
A_44_P1028952	XM_001062225	291772	Kctd1		1.76E-01	NS	9.02E-01	NS	2.03E-02	-1.6

A_64_P119284	XR_086238	502876	LOC502876	similar to protein phosphatase 1, regulatory subunit 15B	4.13E-01	NS	9.60E-01	NS	1.90E-02	-1.6
A_44_P667524	NM_001127562	499630	RGD1565059	similar to hypothetical protein E130311K13	1.70E-01	NS	8.30E-01	NS	2.17E-02	-1.6
A_44_P335679	NM_001108168	315824	Bmp5	bone morphogenetic protein 5	5.33E-02	NS	1.69E-01	NS	4.43E-02	-1.6
A_64_P016508	NM_001000083	289251	Olr1589	olfactory receptor 1589	1.09E-01	NS	1.86E-01	NS	4.69E-02	-1.6
A_44_P516144	NM_001107011	303244	Mpdu1	mannose-P-dolichol utilization defect 1 eukaryotic translation initiation factor 2 alpha kinase 3 signal-induced proliferation-associated 1 like 1	7.86E-02	NS	5.31E-01	NS	2.59E-02	-1.6
A_42_P629500	NM_031599	29702	Eif2ak3	alpha kinase 3 signal-induced proliferation-associated 1 like 1	1.44E-01	NS	9.16E-01	NS	4.31E-02	-1.6
A_64_P152993	NM_139330	246212	Sipa11		1.29E-01	NS	7.16E-01	NS	3.92E-02	-1.6
A_64_P070791	AY321323				6.99E-01	NS	5.50E-02	NS	4.06E-02	-1.6
A_42_P700817	NM_080576	140638	Apoa5	apolipoprotein A-V CDC42 binding protein kinase gamma (DMPK-like)	1.85E-01	NS	5.97E-01	NS	2.79E-02	-1.6
A_64_P069211	NM_001130013	293693	Cdc42bpg	(DMPK-like)	1.13E-01	NS	3.71E-01	NS	2.48E-02	-1.6
A_44_P557376	NM_012546	24316	Drd1a	dopamine receptor D1A	7.93E-01	NS	7.98E-02	NS	4.93E-02	-1.6
A_64_P058876	XM_002729057	100361404	LOC100361404	hypothetical protein LOC100361404	1.09E-01	NS	6.17E-01	NS	2.55E-02	-1.6
A_44_P454961	NM_001108253	317425	RGD1561065	similar to mKIAA1111 protein	5.28E-02	NS	8.04E-01	NS	1.39E-02	-1.6
A_64_P129730	NM_001033896	310626	Tmem79	transmembrane protein 79	1.47E-01	NS	5.26E-01	NS	3.90E-02	-1.6
A_64_P027508	NM_001190372	498823	Ankrd29	ankyrin repeat domain 29	7.90E-01	NS	3.75E-01	NS	1.71E-02	-1.6
A_64_P119876	NM_001109211	499952	Bhlhe23	basic helix-loop-helix family, member e23 alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, S. cerevisiae)	6.92E-02	NS	8.50E-01	NS	3.27E-02	-1.6
A_64_P089125	NM_001105757	246284	Atrx	solute carrier family 7 (cationic amino acid transporter, y+ system), member 12	7.18E-02	NS	6.57E-01	NS	3.93E-03	-1.6
A_64_P048908	NM_001011948	294881	Slc7a12	calponin 3, acidic	2.26E-01	NS	2.66E-01	NS	5.33E-03	-1.6
A_44_P1029956	NM_019359	54321	Cnn3	similar to purinergic receptor P2Y, G-protein coupled, 4	2.87E-01	NS	3.34E-01	NS	2.35E-02	-1.6
A_64_P057491	XM_001065668	310487	LOC310487	potassium voltage-gated channel, subfamily H (eag-related), member 3	6.27E-01	NS	1.74E-01	NS	2.95E-02	-1.6
A_64_P082668	NM_017108	27150	Kcnh3	ArfGAP with coiled-coil, ankyrin repeat and PH domains 2	1.58E-01	NS	6.33E-01	NS	3.62E-02	-1.6
A_64_P100869	NM_001034006	619382	Acap2	similar to HT021	4.70E-01	NS	7.10E-01	NS	2.38E-02	-1.6
A_64_P053601	NM_001106026	289928	RGD1306063	nuclear transport factor 2-like export factor 2	6.71E-02	NS	8.33E-01	NS	3.85E-03	-1.6
A_44_P166310	NM_001108120	315352	Nxt2	protein tyrosine phosphatase-like A domain containing 2	2.76E-01	NS	9.76E-01	NS	2.42E-02	-1.6
A_44_P508935	NM_001108669	362540	Ptplad2	dolichyl-phosphate mannosyltransferase polypeptide 3	9.45E-01	NS	1.90E-01	NS	2.30E-02	-1.6
A_64_P014189	NM_001109331	502017	Dpm3	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase	9.21E-02	NS	9.43E-01	NS	8.29E-03	-1.6
A_64_P072189	NM_019239	29582	Mgat3	H6 family homeobox 2	5.51E-01	NS	4.49E-01	NS	3.46E-02	-1.6
A_64_P072103	NM_001106303	293538	Hmx2	similar to alanine-glyoxylate aminotransferase 2-like 1	3.16E-01	NS	6.60E-01	NS	3.70E-02	-1.6
A_64_P011639	XM_001076965	687071	LOC687071	hairly and enhancer of split 1 (Drosophila)	2.44E-01	NS	2.38E-01	NS	1.42E-02	-1.6
A_64_P054708	NM_024360	29577	Hes1	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G	2.17E-01	NS	1.50E-01	NS	4.76E-02	-1.6
A_64_P080896	NM_001100882	290562	Sema3g	solute carrier family 12 (sodium/chloride transporters), member 3	2.92E-01	NS	8.73E-01	NS	9.92E-03	-1.6
A_64_P015618	NM_019345	54300	Slc12a3	C-reactive protein, pentraxin-related	5.31E-01	NS	7.94E-01	NS	8.66E-03	-1.6
A_44_P252529	NM_017096	25419	Crp	casein kinase 1, epsilon	5.81E-01	NS	1.33E-01	NS	2.65E-02	-1.6
A_42_P515454	NM_031617	58822	Csnk1e	adenylate cyclase 6	4.18E-01	NS	6.42E-01	NS	1.83E-02	-1.6
A_43_P11576	NM_012821	25289	Adcy6	Leber congenital amaurosis 5-like transmembrane and coiled-coil domain family 3	1.72E-01	NS	8.51E-01	NS	3.36E-03	-1.6
A_44_P974179	NM_001017484	498065	Lca5l	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 6	1.38E-01	NS	6.78E-01	NS	4.31E-02	-1.6
A_44_P227510	NM_001108084	314751	Tmcc3	RAP1, GTP-GDP dissociation stimulator 1	8.00E-01	NS	1.03E-01	NS	2.79E-02	-1.6
A_44_P502287	NM_031740	65196	B4galt6		1.50E-01	NS	7.83E-01	NS	1.08E-02	-1.6
A_44_P384531	NM_001107728	310909	Rap1gds1		2.63E-01	NS	9.57E-01	NS	1.75E-02	-1.6

A_44_P548303	NM_001009688	309041	Thumpd1	THUMP domain containing 1	1.12E-01	NS	3.00E-01	NS	3.42E-02	-1.6
A_64_P069596	XM_001054763	679859	LOC679859	hypothetical protein LOC679859	3.87E-01	NS	4.47E-01	NS	2.13E-02	-1.6
A_64_P070816	NM_001077585	685814	Cnpy2	canopy 2 homolog (zebrafish)	1.17E-01	NS	2.14E-01	NS	2.19E-02	-1.6
A_44_P310581	BG673348			Immunoglobulin lambda-like polypeptide 1-like	3.98E-01	NS	3.80E-01	NS	6.51E-03	-1.6
A_64_P062275	NM_001190341	100360919	LOC100360919	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)	7.85E-01	NS	9.71E-01	NS	2.71E-02	-1.6
A_64_P029427	XM_001059700	311968	Mll5		1.98E-01	NS	9.29E-01	NS	1.04E-02	-1.6
A_64_P018952	XM_002726444				2.32E-01	NS	7.60E-01	NS	7.32E-03	-1.6
A_64_P043584	XM_001081768				2.70E-01	NS	1.45E-01	NS	4.57E-02	-1.6
A_64_P134927	NM_001008884	294270	RT1-Db1	RT1 class II, locus Db1	8.93E-01	NS	4.91E-01	NS	1.57E-02	-1.6
A_42_P829762	NM_001107933	313234	Tbc1d2	TBC1 domain family, member 2	2.04E-01	NS	2.44E-01	NS	3.48E-02	-1.6
A_42_P739079	NM_001014274	367903	Armxc2	armadillo repeat containing, X-linked 2	1.46E-01	NS	9.20E-01	NS	1.31E-02	-1.6
A_64_P079945	XM_002726024				5.14E-02	NS	8.17E-01	NS	9.20E-03	-1.6
A_64_P040080	NM_001129881	686999	LOC686999	similar to M phase phosphoprotein 6	8.74E-02	NS	2.82E-01	NS	7.46E-03	-1.6
A_64_P096782	NM_001025041	499772	ler5l	immediate early response 5-like	6.52E-02	NS	9.38E-01	NS	3.03E-03	-1.6
A_44_P1048315	NM_001014005	306587	Tcta	T-cell leukemia translocation altered gene	2.26E-01	NS	7.71E-01	NS	4.45E-02	-1.6
A_64_P101797	NM_001107328	306636	Efnb2	ephrin B2	6.82E-01	NS	4.89E-01	NS	1.99E-02	-1.6
A_64_P030761	NM_001106861	301020	Smarcc1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1	1.44E-01	NS	8.72E-01	NS	3.03E-02	-1.6
A_64_P038634	XM_001056541				3.47E-01	NS	7.90E-01	NS	4.61E-02	-1.6
A_42_P686916	XM_001054229	300822	Tex9	testis expressed gene 9	1.65E-01	NS	4.17E-01	NS	4.21E-02	-1.6
A_44_P454426	AF133906				8.37E-01	NS	7.46E-01	NS	1.57E-03	-1.6
A_64_P150509	NM_001108836	363682	Ccr10	chemokine (C-C motif) receptor 10	8.53E-01	NS	7.61E-01	NS	4.36E-02	-1.6
A_44_P387246	NM_001108761	363067	Sin3a	SIN3 homolog A, transcription regulator (yeast)	5.20E-01	NS	6.04E-01	NS	4.28E-03	-1.6
A_64_P024630	DV716357				2.99E-01	NS	8.92E-01	NS	4.76E-02	-1.6
A_44_P1021808	XM_340757	360483	RGD1561796	RGD1561796	2.97E-01	NS	5.35E-01	NS	1.93E-02	-1.6
A_64_P155504	NM_001135720	688452	LOC688452	hypothetical protein LOC688452	2.38E-01	NS	7.31E-01	NS	3.50E-02	-1.6
A_64_P038317	NM_001101020	691471	Slc2a7	solute carrier family 2 (facilitated glucose transporter), member 7	6.20E-01	NS	1.09E-01	NS	4.24E-02	-1.6
A_64_P141090	NM_001014033	309891	10-Sep	septin 10	6.32E-01	NS	8.69E-02	NS	4.07E-02	-1.6
A_64_P086448	NM_001008819	450227	Krt33b	keratin 33B	1.33E-01	NS	3.47E-01	NS	3.46E-02	-1.6
A_43_P23041	NM_001108556	361979	RGD1304953	similar to SSTK-interacting protein	3.22E-01	NS	9.36E-01	NS	4.60E-02	-1.6
A_64_P023975	XM_001079524	287441	Zbtb4	zinc finger and BTB domain containing 4	1.74E-01	NS	7.99E-01	NS	5.68E-03	-1.6
A_43_P23288	NM_001109242	500204	RGD1562515	similar to RIKEN cDNA 4931417E11	1.86E-01	NS	3.63E-01	NS	2.01E-02	-1.6
A_64_P042674	XM_001068316	295695	Znf804a	zinc finger protein 804A	4.13E-01	NS	1.01E-01	NS	3.01E-02	-1.6
A_44_P1006090	NM_001106433	295053	Spg20	spastic paraplegia 20 (Troyer syndrome) homolog (human)	6.54E-01	NS	1.64E-01	NS	1.35E-02	-1.6
A_44_P823711	XM_001063353	685326	LOC685326	hypothetical protein LOC685326	5.63E-02	NS	5.56E-01	NS	2.56E-02	-1.6
A_44_P1039417	NM_001105909	288482	Usp42	ubiquitin specific peptidase 42	7.94E-01	NS	9.01E-01	NS	1.10E-02	-1.6
A_64_P026003	NM_001047921	100189555	Sec61gl	SEC61 gamma subunit-like	7.36E-02	NS	3.82E-01	NS	1.70E-02	-1.6
A_64_P097078	NM_145091	246311	Pdp2	pyruvate dehydrogenase phosphatase catalytic subunit 2	4.70E-01	NS	9.51E-01	NS	4.81E-02	-1.6
A_64_P023120	XM_001058892				6.47E-02	NS	7.73E-01	NS	2.01E-02	-1.6
A_64_P104301	XM_002728371	100359750	LOC100359750	hypothetical protein LOC100359750	1.37E-01	NS	6.67E-01	NS	1.15E-02	-1.6
A_64_P124274	NM_001000260	293809	Olr376	olfactory receptor 376	8.24E-01	NS	2.16E-01	NS	1.80E-02	-1.6
A_42_P652357	NM_021868	60465	Cttn	cortactin	9.56E-02	NS	5.92E-01	NS	1.46E-02	-1.6
A_44_P135106	NM_001001351	287516	Olr1517	olfactory receptor 1517	6.89E-01	NS	6.84E-01	NS	4.22E-02	-1.6
A_43_P12697	NM_031827	83730	Vamp8	vesicle-associated membrane protein 8	1.54E-01	NS	6.02E-02	NS	4.61E-02	-1.6
A_64_P049341	XM_001070332				2.30E-01	NS	7.97E-01	NS	2.45E-03	-1.6
A_64_P032390	NM_001000371	296022	Olr769	olfactory receptor 769	7.16E-01	NS	4.98E-01	NS	2.77E-02	-1.6
A_64_P079368	XM_214327	290675	RGD1563748	similar to ankyrin-like protein	9.79E-01	NS	1.64E-01	NS	1.36E-02	-1.6
A_64_P016107	NM_001109523	689093	Upk2	uropod 2	4.97E-01	NS	9.83E-02	NS	4.51E-02	-1.6
A_64_P048854	XM_345422	366170	Tmem87a	transmembrane protein 87A	9.82E-02	NS	5.37E-01	NS	1.92E-02	-1.6
A_44_P792220	NM_001108667	362520	Fktn	fukutin	1.96E-01	NS	4.23E-01	NS	4.44E-03	-1.6
A_64_P005162	NM_012896	25370	Adora3	adenosine A3 receptor	5.36E-01	NS	5.64E-01	NS	4.11E-02	-1.6
A_64_P149993	NM_001037645	305853	Rab2b	RAB2B, member RAS oncogene family	8.39E-02	NS	1.49E-01	NS	2.17E-03	-1.6
A_43_P12390	NM_023994	78980	Tas2r118	taste receptor, type 2, member 118	2.17E-01	NS	6.20E-01	NS	4.11E-02	-1.6

A_44_P540660	NM_182736	288022	Ccdc50	coiled-coil domain containing 50	7.34E-01	NS	8.09E-01	NS	3.57E-02	-1.6
A_44_P320073	NM_031242	81925	Cds1	CDP-diacylglycerol synthase 1 triggering receptor expressed on myeloid cells-like 1	2.95E-01	NS	4.33E-01	NS	4.51E-02	-1.6
A_44_P837382	XM_576511	501096	Trem1		7.75E-01	NS	8.13E-02	NS	2.51E-02	-1.6
A_64_P163322	AABR03066381				8.51E-01	NS	9.53E-02	NS	1.65E-02	-1.6
A_64_P078987	NM_001099491	690716	Vom2r17	vomer nasal 2 receptor, 17	5.48E-01	NS	1.16E-01	NS	3.70E-02	-1.6
A_64_P037303	NM_001127530	302022	LOC302022	similar to nidogen 2 protein	7.04E-02	NS	4.91E-01	NS	1.61E-02	-1.6
A_64_P009415	NM_001134553	312248	Ubn2	ubiquitin 2	3.51E-01	NS	9.82E-01	NS	2.55E-03	-1.6
A_64_P042380	NM_057190	117536	Nelf	nasal embryonic LHRH factor uracil phosphoribosyltransferase (FUR1)	1.39E-01	NS	2.58E-01	NS	9.45E-03	-1.6
A_64_P136284	XM_001053733	317237	Uprt	homolog (S. cerevisiae)	8.66E-02	NS	3.25E-01	NS	2.09E-02	-1.6
A_44_P170652	NM_031118	81782	Soat1	sterol O-acyltransferase 1	2.20E-01	NS	4.20E-01	NS	1.27E-02	-1.6
A_64_P147358	NM_001105764	287094	Znf213	zinc finger protein 213	1.54E-01	NS	6.10E-01	NS	1.23E-02	-1.6
A_64_P036435	NM_183055	360229	Cox8c	cytochrome c oxidase, subunit VIIIc	2.73E-01	NS	1.67E-01	NS	1.67E-02	-1.6
A_44_P340256	XM_001069359	302425	Awat2	acyl-CoA wax alcohol acyltransferase 2	6.98E-01	NS	5.40E-02	NS	4.86E-02	-1.6
A_64_P119438	XM_001077034	691157	Pramef12	PRAME family member 12	2.92E-01	NS	7.04E-01	NS	2.45E-02	-1.6
A_64_P017505	NM_001134615	499587	Slc7a14	solute carrier family 7 (cationic amino acid transporter, y+ system), member 14	1.07E-01	NS	2.38E-01	NS	2.14E-02	-1.6
A_64_P031581	NM_001105937	288743	Sgsm1	small G protein signaling modulator 1	1.88E-01	NS	7.94E-01	NS	4.70E-02	-1.6
A_42_P674598	NM_013067	25596	Rpn1	ribophorin I	5.26E-02	NS	8.89E-02	NS	4.32E-02	-1.6
A_64_P292583	XM_001058402				7.36E-01	NS	8.41E-01	NS	2.26E-02	-1.6
A_64_P074340	NM_002726502	100363421	LOC100363421	hypothetical protein LOC100363421	1.09E-01	NS	9.29E-01	NS	1.38E-02	-1.6
A_44_P699797	NM_001106166	291824	Tk2	thymidine kinase 2, mitochondrial	1.05E-01	NS	9.01E-02	NS	4.45E-02	-1.6
A_42_P574859	NM_053469	84604	Hamp	hepcidin antimicrobial peptide	3.43E-01	NS	7.09E-01	NS	2.51E-02	-1.6
A_64_P012252	XM_002725357	681776	LOC681776	similar to High mobility group protein 1 (HMG-1) (High mobility group protein B1) (Amphoterin) (Heparin-binding protein p30) family with sequence similarity 183,	1.64E-01	NS	8.41E-01	NS	4.38E-02	-1.6
A_42_P521242	XM_213312	287346	Fam183b	member B	3.53E-01	NS	9.63E-01	NS	4.87E-02	-1.6
A_42_P553706	NM_001009533	494320	Ccdc8	coiled-coil domain containing 8	5.59E-01	NS	9.08E-01	NS	4.96E-02	-1.6
A_64_P147748	NM_001109378	679805	LOC679805	hypothetical protein LOC679805 leucine rich transmembrane and O-	3.66E-01	NS	1.10E-01	NS	3.99E-02	-1.6
A_43_P22401	NM_001106284	293156	Lrtomt	methyltransferase domain containing	2.58E-01	NS	7.74E-01	NS	8.32E-03	-1.6
A_42_P753215	NM_032071	84018	Synj2	synaptojanin 2	6.05E-01	NS	9.21E-01	NS	1.06E-02	-1.6
A_44_P299349	NM_212544	361788	Prr3	proline rich 3	5.59E-02	NS	1.50E-01	NS	2.66E-02	-1.6
A_64_P131922	XM_002726041				7.13E-02	NS	7.94E-01	NS	3.51E-02	-1.6
A_64_P085530	NM_139192	246074	Scd1	stearoyl-Coenzyme A desaturase 1	3.46E-01	NS	7.61E-01	NS	2.38E-02	-1.6
A_64_P073555	NM_001047086	290749	Irf2	interferon regulatory factor 2 family with sequence similarity 126, member B	6.24E-01	NS	9.62E-01	NS	3.09E-02	-1.6
A_64_P127986	NM_001025710	316415	Fam126b		1.29E-01	NS	3.93E-01	NS	2.76E-02	-1.6
A_64_P109844	AF315467				6.32E-02	NS	1.78E-01	NS	1.55E-02	-1.6
A_43_P10634	NM_001025123	315664	Kdelc2	KDEL (Lys-Asp-Glu-Leu) containing 2 SH3 domain binding glutamic acid-rich protein like	8.52E-01	NS	8.63E-01	NS	3.12E-02	-1.6
A_64_P152850	NM_001173339	302363	Sh3bgrl		1.06E-01	NS	8.94E-01	NS	5.25E-03	-1.6
A_64_P106216	NM_001008950	494295	Vom1r95	vomer nasal 1 receptor, 95	3.53E-01	NS	6.52E-02	NS	2.20E-02	-1.6
A_43_P12611	NM_031606	50557	Pten	phosphatase and tensin homolog	1.20E-01	NS	7.42E-01	NS	1.23E-02	-1.6
A_64_P144178	XR_007629	299208	RGD1563583	similar to mKIAA0998 protein	1.34E-01	NS	7.42E-01	NS	2.64E-02	-1.6
A_64_P061131	NM_001163063	690419	Zfp709I1	zinc finger protein 709-like 1	6.80E-02	NS	7.41E-02	NS	1.32E-02	-1.6
A_42_P521086	NM_001100857	360894	RGD1310587	similar to hypothetical protein FLJ14146	1.83E-01	NS	1.45E-01	NS	2.11E-02	-1.6
A_64_P057513	XM_002727147				4.18E-01	NS	8.78E-01	NS	1.65E-02	-1.6
A_64_P041763	NM_001100645	266808	Lrrcc1	leucine rich repeat and coiled-coil domain containing 1 sortilin-related VPS10 domain containing	7.86E-02	NS	3.93E-01	NS	3.03E-02	-1.6
A_64_P043941	XM_002725790	309533	Sorcs1	receptor 1	7.42E-01	NS	3.20E-01	NS	8.32E-03	-1.6
A_64_P048187	NM_001013048	289560	Igfbp7	insulin-like growth factor binding protein 7 matrix metalloproteinase 14 (membrane-inserted)	9.72E-01	NS	8.91E-01	NS	3.25E-02	-1.6
A_42_P639027	NM_031056	81707	Mmp14		2.00E-01	NS	4.57E-01	NS	1.20E-02	-1.6
A_64_P080154	NM_001037354	313994	Klf11	Kruppel-like factor 11	6.17E-02	NS	1.30E-01	NS	3.41E-02	-1.6

A_64_P162860	XM_001076499	686961	LOC686961	similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg)	1.32E-01	NS	7.11E-01	NS	3.03E-02	-1.5
A_64_P021028	NM_133559	171085	Pcsk4	proprotein convertase subtilisin/kexin type 4	6.17E-01	NS	6.46E-01	NS	2.80E-02	-1.5
A_64_P117428	XM_001066911	688431	LOC688431	hypothetical protein LOC688431	8.20E-01	NS	9.31E-02	NS	3.13E-02	-1.5
A_44_P260297	XM_001055921				8.96E-02	NS	4.57E-01	NS	5.09E-03	-1.5
A_44_P1059229	NM_001107707	310732	Slc22a15	solute carrier family 22, member 15	9.88E-02	NS	4.66E-01	NS	4.48E-02	-1.5
A_64_P019628	NM_017171	29340	Prkce	protein kinase C, epsilon	7.74E-02	NS	2.45E-01	NS	7.97E-03	-1.5
A_64_P063518	NM_001013996	306000	Slc25a37	solute carrier family 25, member 37	9.46E-02	NS	6.61E-01	NS	2.27E-02	-1.5
A_44_P510548	NM_001000799	405084	Olr1286	olfactory receptor 1286	3.02E-01	NS	4.93E-01	NS	1.40E-02	-1.5
A_44_P191784	NM_031969	24242	Calm1	calmodulin 1	1.23E-01	NS	2.82E-01	NS	3.92E-02	-1.5
A_43_P15466	NM_133584	171115	Pde5a	phosphodiesterase 5A, cGMP-specific	1.07E-01	NS	2.63E-01	NS	1.71E-02	-1.5
A_44_P207979	NM_147137	257643	LOC257643	cystatin SC	7.25E-01	NS	6.62E-02	NS	4.77E-02	-1.5
A_64_P017408	NM_001047938	499219	LOC499219	hypothetical protein LOC499219	2.79E-01	NS	3.70E-01	NS	5.00E-03	-1.5
A_64_P159063	NM_133425	171010	Ppp1r14c	protein phosphatase 1, regulatory (inhibitor) subunit 14c	1.87E-01	NS	3.06E-01	NS	3.84E-03	-1.5
A_44_P269808	NM_001025281	311651	Slc9a8	solute carrier family 9 (sodium/hydrogen exchanger), member 8	2.29E-01	NS	4.66E-01	NS	4.83E-02	-1.5
A_64_P034586	NM_134363	171373	Slc12a5	solute carrier family 12 (potassium-chloride transporter), member 5	5.71E-01	NS	1.73E-01	NS	3.53E-02	-1.5
A_64_P163966	NM_001100975	309243	Vps13a	vacuolar protein sorting 13 homolog A (S. cerevisiae)	5.32E-02	NS	3.48E-01	NS	3.04E-03	-1.5
A_44_P219926	NM_024489	80338	Zbtb10	zinc finger and BTB domain containing 10 myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila);	1.11E-01	NS	4.83E-01	NS	3.28E-02	-1.5
A_44_P794669	NM_013217	26955	Mllt4	translocated to, 4	3.22E-01	NS	7.95E-01	NS	1.49E-02	-1.5
A_64_P122178	NM_001168642	690661	Zfp40	zinc finger protein 40	1.17E-01	NS	4.43E-01	NS	2.97E-02	-1.5
A_64_P090739	XM_002729568	100360849	LOC100360849	hypothetical protein LOC100360849	7.28E-02	NS	6.22E-01	NS	2.68E-02	-1.5
A_64_P153045	NM_013039	25559	Abcc8	ATP-binding cassette, sub-family C (CFTR/MRP), member 8	5.13E-02	NS	9.76E-01	NS	4.67E-02	-1.5
A_44_P241324	NM_001025676	307410	Rbm22	RNA binding motif protein 22	1.56E-01	NS	8.28E-01	NS	2.40E-02	-1.5
A_64_P324819	NM_017204	29457	Map6	microtubule-associated protein 6	4.08E-01	NS	1.58E-01	NS	9.41E-03	-1.5
A_64_P042102	XM_001072043	498054	RGD1564317	RGD1564317	3.95E-01	NS	6.35E-01	NS	7.20E-03	-1.5
A_42_P465664	NM_001108679	362597	Fam176b	family with sequence similarity 176, member B	1.27E-01	NS	7.92E-01	NS	9.18E-03	-1.5
A_64_P122584	NM_001106900	301343	Lman2l	lectin, mannose-binding 2-like	6.38E-01	NS	2.06E-01	NS	5.77E-03	-1.5
A_64_P108652	NM_001107454	308068	Nkd2	naked cuticle homolog 2 (Drosophila)	2.56E-01	NS	2.88E-01	NS	3.89E-02	-1.5
A_64_P141569	NM_001106995	303070	Nipal4	NIPA-like domain containing 4	3.09E-01	NS	8.21E-01	NS	6.54E-03	-1.5
A_64_P079478	XM_001065610				1.16E-01	NS	8.92E-01	NS	1.03E-02	-1.5
A_44_P522823		681839	LOC681839	hypothetical protein LOC681839	1.66E-01	NS	3.52E-01	NS	4.77E-02	-1.5
A_64_P124781	XM_002725898				9.89E-02	NS	4.59E-01	NS	3.48E-02	-1.5
A_64_P006123	NM_001107675	310405	Maml3	mastermind like 3 (Drosophila)	7.93E-02	NS	2.11E-01	NS	4.62E-02	-1.5
A_64_P045762	XM_002727258	100366147	LOC100366147	hypothetical protein LOC100366147	1.06E-01	NS	7.74E-01	NS	1.87E-02	-1.5
A_64_P046229	XM_001077379	307845	Mtss1l	metastasis suppressor 1-like	2.74E-01	NS	6.46E-02	NS	3.96E-03	-1.5
A_64_P047537	XM_213600	288028	Tmem44	transmembrane protein 44	1.89E-01	NS	4.85E-01	NS	3.64E-02	-1.5
A_43_P10724	NM_001106492	295961	Apip	APAF1 interacting protein	1.25E-01	NS	4.44E-01	NS	1.34E-02	-1.5
A_64_P088201	XM_001054973	363089	Fam63b	family with sequence similarity 63, member B	3.15E-01	NS	9.39E-01	NS	1.26E-03	-1.5
A_64_P085605	XM_001053122				3.88E-01	NS	3.35E-01	NS	1.57E-02	-1.5
A_64_P154952	NM_019328	54278	Nr4a2	nuclear receptor subfamily 4, group A, member 2	2.64E-01	NS	5.92E-01	NS	2.95E-02	-1.5
A_42_P553444	L14933				2.43E-01	NS	7.66E-02	NS	2.46E-02	-1.5
A_44_P779296	NM_001025060	502684	LOC502684	hypothetical protein LOC502684	1.19E-01	NS	2.29E-01	NS	3.70E-02	-1.5
A_64_P046577	NM_001108939	365744	Hnf4g	hepatocyte nuclear factor 4, gamma	4.78E-01	NS	1.08E-01	NS	4.85E-02	-1.5
A_64_P156690	NM_001037153	252897	Pcdhga11	protocadherin gamma subfamily A, 11	2.70E-01	NS	2.40E-01	NS	1.61E-02	-1.5
A_44_P127467	NM_019204	29392	Bace1	beta-site APP cleaving enzyme 1	2.42E-01	NS	1.87E-01	NS	3.80E-02	-1.5
A_64_P162760	XM_002727586				5.37E-01	NS	9.05E-01	NS	1.07E-02	-1.5
A_44_P238906	XM_345356				9.00E-02	NS	3.42E-01	NS	1.52E-02	-1.5

A_44_P988767	NM_001110860	25620	Crem	cAMP responsive element modulator	8.58E-02	NS	6.18E-01	NS	3.90E-03	-1.5
A_64_P107042	NM_001000500	304990	Olr1595	olfactory receptor 1595	6.10E-01	NS	1.66E-01	NS	4.58E-02	-1.5
A_64_P135235	XM_001076895				1.23E-01	NS	6.97E-01	NS	2.15E-02	-1.5
A_43_P14264	NM_053653	114111	Vegfc	vascular endothelial growth factor C	1.04E-01	NS	4.18E-01	NS	8.04E-03	-1.5
A_64_P155618	XM_001063873	685569	LOC685569	hypothetical protein LOC685569	4.12E-01	NS	2.60E-01	NS	3.33E-02	-1.5
A_64_P033698	NM_001106992	303010	Cpeb4	cytoplasmic polyadenylation element binding protein 4	1.59E-01	NS	8.15E-01	NS	2.53E-02	-1.5
A_64_P080856	NM_001035517	361654	RGD1310127	similar to cDNA sequence BC017158	8.45E-02	NS	9.00E-01	NS	2.85E-02	-1.5
A_43_P11538	NM_012734	25058	Hk1	hexokinase 1	7.25E-02	NS	2.39E-01	NS	3.43E-02	-1.5
A_43_P19178	NM_031574	29372	Rasa3	RAS p21 protein activator 3	4.16E-01	NS	6.48E-01	NS	1.44E-02	-1.5
A_64_P137502	NM_001037135	498849	Pcdhga10	protocadherin gamma subfamily A, 10	7.16E-01	NS	4.05E-01	NS	5.00E-03	-1.5
A_64_P011197	XM_001065654	685890	LOC685890	hypothetical protein LOC685890	1.82E-01	NS	6.55E-01	NS	3.46E-02	-1.5
A_64_P304652	XR_007733				9.01E-02	NS	8.26E-01	NS	4.28E-02	-1.5
A_64_P031046	XM_002726652				2.83E-01	NS	8.84E-01	NS	4.79E-02	-1.5
A_64_P004023	NM_001105815	287541	lft20	intraflagellar transport 20 homolog (Chlamydomonas)	1.20E-01	NS	1.27E-01	NS	3.99E-02	-1.5
A_44_P437956	NM_031123	81801	Stc1	stanniocalcin 1	3.18E-01	NS	4.26E-01	NS	4.42E-02	-1.5
A_44_P529524	NM_001100639	171068	Pou2f1	POU domain, class 2, transcription factor 1	5.85E-01	NS	9.91E-01	NS	1.05E-02	-1.5
A_44_P318259	NM_138916	192350	Crkrs	Cdc2-related kinase, arginine/serine-rich pleckstrin homology domain containing, family A member 7	3.03E-01	NS	9.59E-01	NS	3.54E-02	-1.5
A_44_P475663	NM_001144861	499249	Plekha7	family A member 7	2.43E-01	NS	7.19E-01	NS	4.33E-02	-1.5
A_64_P044470	NM_001108665	362517	Mrp150	mitochondrial ribosomal protein L50	2.52E-01	NS	5.17E-01	NS	2.19E-02	-1.5
A_64_P161433	XM_001056520	680835	LOC680835	similar to cullin 7	1.77E-01	NS	3.26E-01	NS	4.78E-03	-1.5
A_64_P073183	XM_001061392	315840	Myo6	myosin VI	1.84E-01	NS	9.15E-01	NS	3.72E-02	-1.5
A_44_P1021381	NM_031811	83688	Taldo1	transaldolase 1	9.64E-01	NS	2.82E-01	NS	1.48E-02	-1.5
A_64_P073243	NM_001107828	311857	Gpr107	G protein-coupled receptor 107	1.49E-01	NS	6.60E-01	NS	9.48E-03	-1.5
A_64_P132571	NM_001107703	310704	Bcl9	B-cell CLL/lymphoma 9	3.44E-01	NS	3.91E-01	NS	3.93E-02	-1.5
A_64_P297908	BC061963	296824	MGC72627	similar to RIKEN cDNA A330021E22	2.43E-01	NS	2.51E-01	NS	1.10E-02	-1.5
A_44_P762198	NM_001106386	294375	Reep3	receptor accessory protein 3	5.60E-01	NS	6.52E-01	NS	7.22E-03	-1.5
A_64_P056122	XR_007312				1.66E-01	NS	2.41E-01	NS	1.99E-02	-1.5
A_44_P128248	NM_001008831	309621	RT1-Ba	RT1 class II, locus Ba	3.04E-01	NS	6.57E-02	NS	4.09E-02	-1.5
A_64_P054261	XM_001074743				1.47E-01	NS	6.11E-01	NS	1.95E-02	-1.5
A_64_P054576	NM_001017508	498664	LOC498664	similar to hypothetical protein MGC35169 potassium inwardly-rectifying channel, subfamily J, member 13	7.34E-01	NS	8.17E-02	NS	3.33E-02	-1.5
A_44_P449938	NM_053608	94341	Kcnj13	subfamily J, member 13	7.36E-01	NS	1.49E-01	NS	1.86E-02	-1.5
A_42_P731510	NM_001105807	287521	Mnt	max binding protein	4.17E-01	NS	6.28E-01	NS	1.46E-02	-1.5
A_44_P189378	NM_001000094	290008	Olr1610	olfactory receptor 1610	8.12E-01	NS	6.51E-02	NS	4.84E-02	-1.5
A_43_P12695	NM_031822	83724	Ncoa2	nuclear receptor coactivator 2	2.21E-01	NS	7.04E-01	NS	3.40E-02	-1.5
A_64_P021676	NM_012736	25062	Gpd2	glycerol-3-phosphate dehydrogenase 2, mitochondrial	8.11E-02	NS	6.71E-01	NS	3.59E-02	-1.5
A_64_P049411	XM_001055142	679229	LOC679229	similar to zinc finger protein 397	1.75E-01	NS	4.26E-01	NS	3.52E-03	-1.5
A_64_P129253	XM_001076970				3.40E-01	NS	1.19E-01	NS	2.86E-02	-1.5
A_64_P098931	NM_001134956	362617	Ahdc1	AT hook, DNA binding motif, containing 1 solute carrier family 39 (zinc transporter), member 9	1.75E-01	NS	9.69E-01	NS	5.68E-03	-1.5
A_64_P145761	NM_001034929	314275	Slc39a9	AT hook, DNA binding motif, containing 1 solute carrier family 39 (zinc transporter), member 9	2.88E-01	NS	4.39E-01	NS	3.02E-03	-1.5
A_43_P11720	NM_013112	25649	Apoa2	apolipoprotein A-II	7.55E-01	NS	4.89E-01	NS	3.06E-02	-1.5
A_44_P339867	NM_017199	29435	Ssr4	signal sequence receptor, delta	6.68E-02	NS	6.31E-01	NS	4.22E-02	-1.5
A_64_P014687	NM_012650	24775	Shbg	sex hormone binding globulin	1.05E-01	NS	1.99E-01	NS	1.50E-02	-1.5
A_64_P018317	NM_013023	25539	Sag	S-antigen; retina and pineal gland (arrestin)	6.45E-01	NS	1.79E-01	NS	1.26E-02	-1.5
A_64_P133177	NM_001170462	293042	Sema4b	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B	5.07E-02	NS	9.35E-01	NS	1.90E-02	-1.5
A_43_P16031	XM_001053505				4.24E-01	NS	6.24E-01	NS	4.81E-02	-1.5
A_64_P071091	XM_001056413	680273	LOC680273	similar to Forkhead box protein L1 (Forkhead-related protein FKHL11) (Forkhead-related transcription factor 7) (FREAC-7)	8.21E-01	NS	4.37E-01	NS	4.56E-02	-1.5
A_43_P19599	NM_001079938	303970	Bbx	bobby sox homolog (Drosophila)	5.83E-01	NS	3.18E-01	NS	6.62E-03	-1.5

A_64_P062495	NM_134336	171297	Nlgn3	neuroligin 3	1.56E-01	NS	2.10E-01	NS	2.44E-02	-1.5
A_64_P151368	NM_001109602	690585	Thoc4	THO complex 4	1.21E-01	NS	3.95E-01	NS	3.71E-02	-1.5
A_43_P19889	NM_001106702	298698	Angptl6	angiopoietin-like 6	3.07E-01	NS	2.25E-01	NS	1.65E-02	-1.5
A_44_P297737	NM_001135877	363493	Taf7l	TAF7-like RNA polymerase II, TATA box binding protein (TBP)-associated factor	4.50E-01	NS	1.06E-01	NS	4.40E-02	-1.5
A_64_P144411	NM_130742	170501	Galnt10	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 10 (GalNAc-T10)	1.21E-01	NS	9.15E-01	NS	2.13E-02	-1.5
A_64_P022322	NM_001106032	290206	Psmb11	proteasome (prosome, macropain) subunit, beta type, 11	1.54E-01	NS	9.66E-01	NS	4.32E-02	-1.5
A_44_P322987	NM_012936	25421	Crybb1	crystallin, beta B1	4.76E-01	NS	2.59E-01	NS	2.31E-02	-1.5
A_64_P031840	NM_001017445	291000	Faf2	Fas associated factor family member 2	6.62E-02	NS	1.33E-01	NS	2.62E-02	-1.5
A_64_P139000	NM_001014236	364534	Ssbp4	single stranded DNA binding protein 4	1.27E-01	NS	6.96E-01	NS	2.34E-02	-1.5
A_44_P391345	NM_024372	79213	Slc6a11	solute carrier family 6 (neurotransmitter transporter, GABA), member 11	3.16E-01	NS	3.85E-01	NS	1.96E-02	-1.5
A_42_P626851	NM_001107917	313087	Cpne3	copine III	8.06E-02	NS	4.38E-01	NS	9.66E-03	-1.5
A_64_P040234	XR_007195	83830	Gtf2a1	general transcription factor IIA, 1	2.60E-01	NS	8.44E-01	NS	2.11E-02	-1.5
A_43_P12161	NM_022208	311861	Fibcd1	fibrinogen C domain containing 1	7.56E-01	NS	5.87E-01	NS	7.03E-03	-1.5
A_64_P110394	NM_001107829	311861	Fibcd1	peptidylglycine alpha-amidating monooxygenase	6.72E-01	NS	2.81E-01	NS	1.84E-02	-1.5
A_64_P058452	NM_013000	25508	Pam	tectorin alpha	5.09E-02	NS	9.16E-01	NS	2.23E-02	-1.5
A_64_P012972	NM_001106814	300653	Tecta	uromodulin	1.09E-01	NS	9.99E-01	NS	2.72E-03	-1.5
A_64_P022545	NM_017082	25128	Umod	RGD1566311	2.01E-01	NS	8.79E-01	NS	1.34E-02	-1.5
A_64_P143216	XM_580142	500963	RGD1566311	RGD1566311	3.86E-01	NS	2.72E-01	NS	4.14E-02	-1.5
A_64_P053842	XM_001071576	315959	Msl2	male-specific lethal 2 homolog (Drosophila)	1.87E-01	NS	3.24E-01	NS	3.70E-03	-1.5
A_64_P050364	XM_002726150	100365115	LOC100365115	LY6/PLAUR domain containing 6B-like	2.39E-01	NS	8.06E-01	NS	4.31E-02	-1.5
A_64_P067796	NM_001000635	404828	Olr660	olfactory receptor 660	6.76E-01	NS	1.22E-01	NS	4.41E-02	-1.5
A_43_P10843	NM_001108561	362013	Ahcy1	adenosylhomocysteinase-like 1	7.10E-01	NS	9.24E-01	NS	7.53E-03	-1.5
A_64_P149829	XM_001054528	679802	Fam154a	family with sequence similarity 154, member A	7.80E-01	NS	9.30E-02	NS	4.08E-02	-1.5
A_64_P065086	XM_001055985	680168	LOC680168	similar to retinoblastoma-associated protein 140	1.50E-01	NS	7.15E-01	NS	2.40E-02	-1.5
A_64_P176165	NM_001168586	690777	Rufy2	RUN and FYVE domain-containing 2	1.26E-01	NS	3.19E-01	NS	7.60E-03	-1.5
A_64_P069641	NM_031087	81751	Psen2	presenilin 2	5.75E-01	NS	9.96E-01	NS	6.46E-03	-1.5
A_64_P029882	XM_002725149				5.02E-01	NS	3.34E-01	NS	1.39E-02	-1.5
A_44_P522355	NM_078620	140448	Slc8a3	solute carrier family 8 (sodium/calcium exchanger), member 3	6.00E-02	NS	5.32E-01	NS	4.00E-02	-1.5
A_64_P001389	NM_001109465	685325	Ddo	D-aspartate oxidase	5.59E-01	NS	4.45E-01	NS	2.67E-02	-1.5
A_64_P156298	NM_001000823	405112	Olr427	olfactory receptor 427	6.52E-01	NS	1.63E-01	NS	4.95E-02	-1.5
A_64_P113184	NM_001106281	293118	Prp	prolylcarboxypeptidase (angiotensinase C)	1.19E-01	NS	8.12E-01	NS	2.34E-02	-1.5
A_44_P1007008	NM_001024755	295704	Ube2l6	ubiquitin-conjugating enzyme E2L 6	1.23E-01	NS	6.25E-01	NS	1.77E-02	-1.5
A_64_P154292	NM_001111294	362152	Hnmpa3	heterogeneous nuclear ribonucleoprotein A3	9.18E-02	NS	2.43E-01	NS	4.29E-02	-1.5
A_64_P148102	XM_576547	501128	RGD1565676	similar to regulatory factor X domain containing 1	7.84E-02	NS	3.93E-01	NS	4.82E-02	-1.5
A_44_P1007933	NM_001044294	689161	Gabarapl1	GABA(A) receptor-associated protein like 1	3.37E-01	NS	2.47E-01	NS	1.56E-02	-1.5
A_64_P012651	NM_001004224	293852	Bcap31	B-cell receptor-associated protein 31	8.81E-02	NS	2.66E-01	NS	9.70E-03	-1.5
A_64_P115512	XM_001057018	297099	Hoxa9l	homeobox A9-like	4.36E-01	NS	8.79E-01	NS	3.71E-02	-1.5
A_43_P12678	NM_031784	83614	Pias3	protein inhibitor of activated STAT, 3	1.34E-01	NS	7.97E-02	NS	7.84E-03	-1.5
A_42_P668072	NM_013130	25671	Smad1	SMAD family member 1	2.78E-01	NS	5.83E-01	NS	5.97E-03	-1.5
A_64_P163658	NM_001017513	499108	Sertad3	SERTA domain containing 3	1.98E-01	NS	3.84E-01	NS	1.55E-02	-1.5
A_64_P161779	XM_001062632	684934	LOC684934	similar to coiled-coil domain containing 9	8.78E-01	NS	8.85E-01	NS	3.35E-02	-1.5
A_44_P1053951	BF521738				1.30E-01	NS	4.23E-01	NS	4.47E-02	-1.5
A_64_P152047	NM_001000521	361033	Olr1619	olfactory receptor 1619	6.81E-01	NS	1.05E-01	NS	2.98E-02	-1.5
A_44_P768777	NM_001135094	312203	Klf14	Kruppel-like factor 14	2.87E-01	NS	2.01E-01	NS	4.28E-02	-1.5
A_44_P805210	NM_001012217	365396	Ssh3	slingshot homolog 3 (Drosophila)	1.26E-01	NS	2.64E-01	NS	4.43E-02	-1.5

A_43_P17057	NM_001013925	296731	Nub1	negative regulator of ubiquitin-like proteins 1	1.19E-01	NS	6.77E-01	NS	1.04E-02	-1.5
A_64_P043796	NM_001012471	315936	Zbtb38	zinc finger and BTB domain containing 38	4.91E-01	NS	6.58E-01	NS	1.67E-02	-1.5
A_64_P030937	NM_001047864	297576	Dppa3	developmental pluripotency-associated 3	2.02E-01	NS	2.29E-01	NS	3.71E-02	-1.5
A_42_P478171	CFI09829				1.43E-01	NS	3.59E-01	NS	1.32E-02	-1.5
A_64_P163619	XM_001058786	686314	LOC686314	similar to dachshund b	8.93E-01	NS	7.90E-01	NS	3.44E-02	-1.5
A_44_P396450	XM_576451				9.31E-02	NS	9.11E-01	NS	1.58E-02	-1.5
A_42_P828695	NM_001106411	294744	Gpx8	glutathione peroxidase 8	2.78E-01	NS	5.39E-02	NS	4.36E-02	-1.5
A_44_P299641	XM_001072702	288490	Olr1572	olfactory receptor 1572	3.35E-01	NS	7.63E-01	NS	7.93E-03	-1.5
A_64_P097626	NM_001105907	288471	Trrap	transformation/transcription domain-associated protein	9.29E-01	NS	1.57E-01	NS	3.46E-02	-1.5
A_64_P086565	NM_001013434	365355	Rras2	related RAS viral (r-ras) oncogene homolog 2	1.08E-01	NS	2.83E-01	NS	1.12E-02	-1.5
A_64_P079666	NM_173124	286905	Cyp4f5	cytochrome P450, family 4, subfamily f, polypeptide 5	3.94E-01	NS	1.18E-01	NS	5.96E-03	-1.5
A_64_P332963	NM_001107523	308738	Chd2	chromodomain helicase DNA binding protein 2	7.13E-02	NS	3.81E-01	NS	8.58E-03	-1.5
A_64_P014402	NM_201988	290648	Pgpep1	pyroglutamyl-peptidase I	3.42E-01	NS	8.82E-01	NS	4.15E-03	-1.5
A_64_P304646	XM_001065014	315903	RGD1307882	similar to CG9346-PA	7.12E-02	NS	4.94E-01	NS	3.15E-03	-1.5
A_44_P729931	XM_001061367	682404	LOC682404	similar to CG12929-PA	8.71E-02	NS	4.60E-01	NS	1.82E-02	-1.5
A_44_P444801	NM_001013082	296851	Pon2	paraoxonase 2	7.04E-02	NS	2.44E-01	NS	2.45E-02	-1.5
A_64_P124933	NM_001109503	688478	Comm2	COMM domain containing 2	2.65E-01	NS	3.43E-01	NS	4.32E-02	-1.5
A_42_P759843	XR_086347	367311	Arl4c	ADP-ribosylation factor-like 4C	1.23E-01	NS	2.08E-01	NS	1.47E-02	-1.5
A_64_P034060	DQ177457				1.01E-01	NS	6.44E-02	NS	1.43E-02	-1.5
A_64_P161381	XM_576837				2.07E-01	NS	6.81E-01	NS	1.89E-02	-1.5
A_64_P165888	AA799423				1.75E-01	NS	8.46E-01	NS	1.01E-02	-1.5
A_64_P156662	AW921374	688832	LOC688832	hypothetical protein LOC688832	4.00E-01	NS	4.91E-01	NS	1.84E-02	-1.5
A_64_P124646	NM_022693	64634	Sh3bp4	SH3-domain binding protein 4	2.71E-01	NS	6.75E-01	NS	1.13E-02	-1.5
A_64_P009245	NM_001162897	100302372	LOC100302372	hypothetical protein LOC100302372	2.77E-01	NS	6.20E-01	NS	1.95E-02	-1.5
A_44_P445903	NM_001108776	363127	Dnajc13	DnaJ (Hsp40) homolog, subfamily C, member 13	7.84E-01	NS	9.18E-01	NS	2.09E-03	-1.5
A_64_P165005	NM_001044251	364754	Fzd8	frizzled homolog 8 (Drosophila)	2.76E-01	NS	4.69E-01	NS	3.91E-02	-1.5
A_64_P000121	NM_001108380	361050	Rcctb1	regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1	3.91E-01	NS	5.11E-01	NS	2.89E-02	-1.5
A_43_P11152	NM_001106434	295061	Tm4sf1	transmembrane 4 L six family member 1	2.00E-01	NS	2.47E-01	NS	4.92E-03	-1.5
A_42_P506273	NM_021750	60356	Csad	cysteine sulfinic acid decarboxylase	5.26E-01	NS	1.25E-01	NS	4.65E-02	-1.5
A_42_P570756	NM_134345	171335	Cox8a	cytochrome c oxidase subunit VIIIa	1.53E-01	NS	6.32E-01	NS	4.54E-02	-1.5
A_44_P305135	NM_021681	59317	Epb4.111	erythrocyte protein band 4.1-like 1	4.07E-01	NS	7.08E-01	NS	2.26E-02	-1.5
A_64_P010368	NM_001106479	295586	Clcn6	chloride channel 6	1.43E-01	NS	5.47E-01	NS	4.01E-02	-1.5
A_64_P040700	NM_001134797	688422	Dydc2	DPY30 domain containing 2	4.37E-01	NS	6.16E-01	NS	3.99E-02	-1.5
A_44_P423613	NM_139324	192204	Ehd4	EH-domain containing 4	2.03E-01	NS	1.45E-01	NS	4.88E-02	-1.5
A_64_P015380	FQ211604				2.40E-01	NS	2.19E-01	NS	7.83E-03	-1.5
A_64_P084273	XM_001074093	686437	LOC686437	similar to Protein C14orf105	9.05E-01	NS	2.08E-01	NS	3.08E-02	-1.5
A_44_P196984	NM_001108667	362520	Fktn	fukutin	5.55E-02	NS	4.33E-01	NS	6.95E-03	-1.5
A_64_P073650	NM_001107271	305972	Zfp395	zinc finger protein 395	1.98E-01	NS	7.43E-01	NS	3.30E-03	-1.5
A_64_P067883	NM_001109585	690374	Trim47	tripartite motif-containing 47	6.82E-01	NS	9.74E-01	NS	9.38E-03	-1.5
A_64_P119502	XM_001072465	316457	Pikfyve	phosphoinositide kinase, FYVE finger containing	2.75E-01	NS	8.77E-01	NS	3.22E-02	-1.5
A_44_P1009948	NM_001100551	303180	RGD1304587	similar to RIKEN cDNA 2310033P09	1.33E-01	NS	4.57E-01	NS	4.36E-02	-1.5
A_64_P161123	XM_002728662				7.49E-01	NS	1.74E-01	NS	4.72E-02	-1.5
A_44_P156830	NM_001107350	306886	Ripk1	receptor (TNFRSF)-interacting serine-threonine kinase 1	9.60E-01	NS	3.94E-01	NS	6.57E-03	-1.5
A_64_P149855	XR_007937				4.39E-01	NS	4.76E-01	NS	2.22E-02	-1.5
A_44_P869091	XM_002725461				3.59E-01	NS	5.47E-01	NS	2.40E-02	-1.5
A_64_P077220	NM_001107157	304591	Dtx2	deltex homolog 2 (Drosophila)	1.88E-01	NS	9.05E-01	NS	3.73E-02	-1.5
A_64_P048126	NM_001047953	499843	LOC499843	LRRGT00091	8.66E-01	NS	6.34E-01	NS	4.09E-03	-1.5
A_44_P381906	NM_019349	54308	Slk	STE20-like kinase (yeast)	1.97E-01	NS	8.28E-01	NS	1.37E-02	-1.5
A_43_P12942	NM_053817	116508	Nrxn3	neurexin 3	7.94E-01	NS	7.93E-01	NS	4.65E-02	-1.5
A_64_P044221	XM_002726584	500536	RGD1561416	similar to novel protein (HT036)	7.56E-02	NS	6.46E-02	NS	3.57E-02	-1.5

A_64_P047998	XM_001062787				3.48E-01	NS	9.29E-01	NS	2.70E-02	-1.5
A_64_P008512	XM_001074731				6.54E-01	NS	4.80E-01	NS	4.65E-02	-1.5
A_64_P039551	BC087667	312651	lft122	intraflagellar transport 122 homolog						
A_44_P246010	NM_001107783	311478	Kif16b	(Chlamydomonas)	9.24E-02	NS	7.84E-02	NS	2.88E-02	-1.5
A_64_P091388	NM_001011947	294804	Rai14	kinesin family member 16B	2.10E-01	NS	6.80E-01	NS	3.78E-02	-1.5
				retinoic acid induced 14	1.81E-01	NS	7.20E-01	NS	4.96E-02	-1.5
				leucine rich repeat (in FLII) interacting						
A_64_P299155	NM_001014269	367314	Lrrfp1	protein 1	5.73E-01	NS	7.93E-01	NS	1.16E-02	-1.5
A_64_P005491	XM_001068819	688916	LOC688916	hypothetical protein LOC688916	8.62E-01	NS	6.00E-02	NS	3.10E-02	-1.5
A_64_P030145	NM_001109317	501569	Tmem47	transmembrane protein 47	1.02E-01	NS	3.14E-01	NS	3.59E-02	-1.5
A_44_P790796	NM_001109126	498870	RGD1561039	similar to RIKEN cDNA 1700065117	3.07E-01	NS	8.23E-01	NS	4.93E-02	-1.5
				MPV17 mitochondrial membrane protein-						
				like 2	8.11E-02	NS	6.46E-02	NS	4.85E-02	-1.5
A_44_P142472	NM_001106072	290645	Mpv17l2	sarcolemma associated protein	9.60E-01	NS	6.20E-01	NS	1.10E-02	-1.5
A_44_P365765	NM_001106060	290533	Slmap	carnosine dipeptidase 1 (metallopeptidase						
				M20 family)	5.89E-01	NS	1.18E-01	NS	2.82E-02	-1.5
A_64_P110941	NM_001007687	307212	Cndp1	iroquois homeobox 1	3.45E-01	NS	1.29E-01	NS	4.05E-02	-1.5
A_64_P040734	NM_001107331	306659	Irx1	v-erb-b2 erythroblastic leukemia viral						
				oncogene homolog 2, neuro/glioblastoma						
				derived oncogene homolog (avian)						
A_64_P109493	NM_017003	24337	ErbB2	vacuolar protein sorting 13 homolog A (S.	4.59E-01	NS	8.66E-01	NS	2.00E-02	-1.5
				cerevisiae)						
A_64_P163971	AY325251	309243	Vps13a		1.16E-01	NS	5.85E-02	NS	6.44E-03	-1.5
A_64_P010960	XR_008157				2.47E-01	NS	5.49E-01	NS	2.86E-02	-1.5
A_64_P158163	XM_001057358				9.06E-02	NS	1.31E-01	NS	2.39E-02	-1.5
A_64_P089265	NM_001127563	499765	RGD1564114	similar to FLJ46082 protein	3.16E-01	NS	8.29E-01	NS	1.68E-02	-1.5
A_42_P817417	NM_017076	25066	PVR	poliovirus receptor	2.25E-01	NS	1.00E-01	NS	1.83E-02	-1.5
A_64_P116331	NM_001106686	298533	Eif2c4	eukaryotic translation initiation factor 2C, 4	9.41E-01	NS	4.33E-01	NS	2.36E-02	-1.5
A_44_P494097	NM_001037347	245924	Sfrs15	splicing factor, arginine/serine-rich 15	2.07E-01	NS	6.77E-01	NS	1.75E-02	-1.5
A_64_P126709	XM_001072887				3.26E-01	NS	2.84E-01	NS	2.91E-02	-1.5
A_64_P001809	NM_001000713	404962	Olr1523	olfactory receptor 1523	3.22E-01	NS	8.74E-02	NS	4.19E-02	-1.5
A_44_P101533	XM_001078153	365984	Siat7E	sialyltransferase 7E	7.35E-01	NS	1.81E-01	NS	4.37E-02	-1.5
A_44_P342271	NM_001107202	305081	Cd34	CD34 molecule	1.92E-01	NS	6.28E-01	NS	3.90E-02	-1.5
A_64_P148433	NM_203410	170512	Ifi27	interferon, alpha-inducible protein 27	2.76E-01	NS	3.21E-01	NS	1.81E-02	-1.5
A_64_P296046	NM_001106461	295342	Rhoc	ras homolog gene family, member C	1.55E-01	NS	4.18E-01	NS	2.57E-03	-1.5
A_44_P200846	NM_153298	261737	Sfxn5	sideroflexin 5	9.44E-02	NS	9.37E-01	NS	1.21E-02	-1.5
A_43_P14094	XM_001073320	686289	LOC686289	similar to CG12935-PA	8.77E-02	NS	4.80E-01	NS	9.87E-03	-1.5
A_64_P142660	XM_001072513	684924	LOC684924	similar to zinc finger protein 449	8.83E-01	NS	7.51E-02	NS	3.82E-02	-1.5
				solute carrier family 22 (organic						
				cation/carnitine transporter), member 5	1.13E-01	NS	6.76E-01	NS	4.12E-03	-1.5
A_44_P1001820	NM_019269	29726	Slc22a5	protein tyrosine phosphatase, receptor						
				type, N polypeptide 2	1.02E-01	NS	2.86E-01	NS	1.93E-02	-1.5
A_64_P047097	NM_031600	29714	Ptpm2	yippee-like 5 (Drosophila)	3.02E-01	NS	4.06E-01	NS	1.31E-02	-1.5
A_64_P154514	NM_001035221	298792	Ypel5	similar to Cystatin S precursor (LM protein)	7.88E-02	NS	6.93E-01	NS	2.54E-02	-1.5
A_64_P112270	NM_001037350	296235	LOC296235	exostoses (multiple)-like 3	1.74E-01	NS	4.35E-01	NS	4.12E-02	-1.5
A_64_P161808	NM_020097	56819	Extl3	olfactory receptor 1229	2.69E-01	NS	7.11E-01	NS	3.10E-02	-1.5
A_44_P522461	NM_001000444	300554	Olr1229							
A_44_P1043814	NM_001004209	289456	Hsd17b11	hydroxysteroid (17-beta) dehydrogenase 11	2.49E-01	NS	9.66E-02	NS	6.15E-03	-1.5
				MOB1, Mps One Binder kinase activator-						
				like 1B (yeast)	6.79E-02	NS	8.77E-01	NS	3.47E-02	-1.5
A_64_P117281	NM_001033891	297387	Mobk1b	transferrin receptor 2	9.23E-01	NS	2.94E-01	NS	3.84E-02	-1.5
A_43_P22470	NM_001105916	288562	Tfr2	gamma-aminobutyric acid (GABA) B						
				receptor 1	2.13E-01	NS	7.35E-01	NS	2.33E-02	-1.5
				calcium channel, voltage-dependent, beta 4						
				subunit	5.26E-01	NS	5.62E-01	NS	2.59E-02	-1.5
A_64_P149300	NM_001105733	58942	Cacnb4	apoptotic peptidase activating factor 1	5.60E-01	NS	5.51E-01	NS	2.82E-02	-1.5
A_64_P125033	NM_023979	78963	Apaf1	ubiquitin specific peptidase 46	4.84E-01	NS	3.08E-01	NS	4.17E-02	-1.5
A_44_P700241	XM_214034	289584	Usp46	AT rich interactive domain 4B (Rbp1 like)	1.07E-01	NS	7.10E-01	NS	1.40E-02	-1.5
A_64_P247966	NM_053421	84481	Arid4b		3.23E-01	NS	9.28E-01	NS	4.87E-02	-1.5
A_44_P527134	BC081744				6.65E-01	NS	7.63E-01	NS	3.10E-02	-1.5
A_64_P033872	NM_001037353	312777	Etv6	ets variant 6						

A_44_P997174	NM_001105757	246284	Atrx	alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, <i>S. cerevisiae</i>)	7.89E-02	NS	3.94E-01	NS	2.45E-02	-1.5
A_64_P031472	XR_005534				8.32E-01	NS	4.79E-01	NS	2.88E-02	-1.5
A_64_P053636	NM_012568	24397	Gira2	glycine receptor, alpha 2	1.04E-01	NS	2.89E-01	NS	2.78E-02	-1.5
A_64_P009187	NM_001106540	296360	Pigt	phosphatidylinositol glycan anchor biosynthesis, class T	6.28E-02	NS	4.49E-01	NS	1.36E-02	-1.5
A_64_P069646	NM_001100533	296583	Nacc2	nucleus accumbens associated 2, BEN and BTB (POZ) domain containing	9.86E-02	NS	5.52E-02	NS	7.71E-03	-1.5
A_44_P649177	NM_001109292	500988	RGD1564560	similar to RCK	6.08E-01	NS	9.75E-01	NS	2.46E-02	-1.5
A_64_P042505	NM_001109330	501998	Cbln3	cerebellin 3 precursor	5.44E-01	NS	2.02E-01	NS	2.10E-02	-1.5
A_64_P130995	NM_012924	25406	Cd44	Cd44 molecule	8.72E-01	NS	8.81E-01	NS	4.88E-02	-1.5
A_44_P836445	NM_001014255	365872	Aph1a	anterior pharynx defective 1 homolog A (<i>C. elegans</i>)	5.97E-01	NS	7.45E-01	NS	1.12E-02	-1.5
A_64_P082192	XM_001056520				7.02E-02	NS	7.35E-01	NS	1.19E-02	-1.5
A_64_P037010	NM_001039337	362106	Fubp3	far upstream element (FUSE) binding protein 3	2.98E-01	NS	9.86E-01	NS	4.15E-02	-1.5
A_44_P262608	NM_001106403	294687	Bdp1	B double prime 1, subunit of RNA polymerase III transcription initiation factor IIIB	1.13E-01	NS	5.28E-01	NS	1.50E-02	-1.5
A_64_P000459	NM_001024263	313834	Prkd3	protein kinase D3	1.61E-01	NS	8.03E-01	NS	2.21E-02	-1.5
A_64_P012190	XM_001076902	691123	Fam19a3	family with sequence similarity 19 (chemokine (C-C motif)-like), member A3	6.92E-01	NS	8.91E-01	NS	2.62E-02	-1.5
A_44_P313644	NM_031835	83784	Agxt2	alanine-glyoxylate aminotransferase 2	5.00E-01	NS	8.86E-01	NS	4.91E-02	-1.5
A_64_P055102	NM_001009275	291076	RGD1310224	similar to RIKEN cDNA 1810022C23	1.47E-01	NS	4.68E-01	NS	2.92E-02	-1.5
A_64_P000824	NM_001037191	304285	Tecpr1	tectonin beta-propeller repeat containing 1	1.81E-01	NS	5.03E-01	NS	1.96E-02	-1.5
A_42_P581060	NM_001108722	362776	Glrx5	glutaredoxin 5	1.60E-01	NS	5.48E-01	NS	1.64E-02	-1.5
A_44_P513490	NM_001025636	291676	RGD1311742	similar to RIKEN cDNA 5133400G04 Mki67 (FHA domain) interacting nucleolar phosphoprotein	1.70E-01	NS	3.09E-01	NS	1.18E-02	-1.5
A_44_P544974	NM_139186	246042	Mki67ip	component of oligomeric golgi complex 7	7.15E-02	NS	7.15E-01	NS	4.42E-02	-1.5
A_64_P001892	NM_001033889	293456	Cog7		1.35E-01	NS	9.83E-02	NS	4.79E-02	-1.5
A_64_P023360	XR_007134				9.11E-01	NS	8.67E-01	NS	2.07E-02	-1.5
A_64_P151547	NM_001039609	310839	Fnbp1l	formin binding protein 1-like	1.35E-01	NS	1.30E-01	NS	4.51E-03	-1.5
A_64_P141175	NM_001109253	500337	Clec1a	C-type lectin domain family 1, member a	6.89E-02	NS	4.22E-01	NS	6.59E-03	-1.5
A_44_P182739	NM_001107446	308000	Pdzd8	PDZ domain containing 8	8.87E-02	NS	5.05E-01	NS	3.42E-03	-1.5
A_42_P735279	NM_001004446	361745	Smarca2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2	1.45E-01	NS	6.09E-01	NS	6.77E-03	-1.5
A_43_P13843	XM_236567	315959	Msl2	male-specific lethal 2 homolog (<i>Drosophila</i>)	1.75E-01	NS	3.06E-01	NS	6.89E-03	-1.5
A_64_P106112	XM_002724884				1.10E-01	NS	7.20E-01	NS	2.94E-02	-1.5
A_64_P100904	NM_001145726	688966	LOC688966	similar to K11B4.2	4.45E-01	NS	9.85E-01	NS	4.65E-02	-1.5
A_64_P135340	AY325162				5.07E-01	NS	1.00E-01	NS	1.95E-02	-1.5
A_64_P043194	XM_001081124	296145	Fbln7	fibulin 7	6.06E-02	NS	6.38E-01	NS	4.89E-02	-1.5
A_43_P12012	NM_001005330	54243	Cr1l	complement component (3b/4b) receptor 1-like	8.69E-02	NS	6.24E-01	NS	2.93E-02	-1.5
A_44_P282794	NM_001107523	308738	Chd2	chromodomain helicase DNA binding protein 2	1.29E-01	NS	7.82E-01	NS	5.95E-03	-1.5
A_44_P437532	NM_001105960	289088	RGD1308695	similar to RIKEN cDNA 1200016B10	1.75E-01	NS	1.14E-01	NS	1.23E-02	-1.5
A_44_P382318	NM_001108617	362316	Ptk1	PFTAIRE protein kinase 1	2.44E-01	NS	2.63E-01	NS	9.45E-03	-1.5
A_44_P687053	XM_001072919				2.29E-01	NS	1.04E-01	NS	9.41E-03	-1.5
A_64_P009425	NM_001012048	306376	Sh2d4a	SH2 domain containing 4A	2.81E-01	NS	8.80E-01	NS	2.50E-02	-1.5
A_64_P122046	XM_001056119	680207	LOC680207	hypothetical protein LOC680207	1.43E-01	NS	7.58E-01	NS	3.46E-02	-1.5
A_44_P550765	NM_001106088	290823	Erlin2	ER lipid raft associated 2	7.29E-01	NS	3.84E-01	NS	9.90E-03	-1.5
A_44_P1048380	NM_001106844	300870	Fam46a	family with sequence similarity 46, member A	5.52E-01	NS	2.34E-01	NS	3.10E-02	-1.5
A_64_P100768	XM_001056626	363216	Ccnm4	cyclin M4	8.71E-02	NS	5.93E-01	NS	1.95E-02	-1.5
A_64_P024733	BE113996				7.43E-01	NS	5.35E-01	NS	1.88E-02	-1.5
A_64_P015099	NM_001109672	500715	Ccnk	cyclin K	7.73E-01	NS	9.31E-01	NS	4.41E-02	-1.5

A_64_P078091	XM_001060960	681254	Tusc1	tumor suppressor candidate 1	4.00E-01	NS	2.85E-01	NS	4.83E-02	-1.5
A_43_P15292	NM_022597	64529	Ctsb	cathepsin B	1.06E-01	NS	7.53E-01	NS	2.36E-02	-1.5
A_64_P121026	XM_228058				6.00E-01	NS	4.18E-01	NS	1.24E-02	-1.5
A_64_P058800	NM_001107123	304302	Zfp469	zinc finger protein 469	6.49E-01	NS	2.44E-01	NS	1.66E-02	-1.5
A_64_P014096	NM_024394	79246	Htr3a	5-hydroxytryptamine (serotonin) receptor 3a	6.80E-02	NS	2.79E-01	NS	2.90E-02	-1.5
A_44_P306204	NM_001100634	24848	Tph1	tryptophan hydroxylase 1	5.48E-01	NS	9.00E-02	NS	3.83E-02	-1.5
A_64_P059750	NM_001109060	498130	Stard13	StAR-related lipid transfer (START) domain containing 13	8.65E-02	NS	3.45E-01	NS	1.27E-02	-1.5
A_64_P160760	NM_031080	81744	Pde7a	phosphodiesterase 7A	8.44E-02	NS	5.60E-01	NS	3.90E-02	-1.5
A_64_P060569	BC105852	315222	Arsa	arylsulfatase A	7.51E-02	NS	8.03E-01	NS	2.49E-02	-1.5
A_42_P693191	NM_134384	171403	Spata19	spermatogenesis associated 19	1.43E-01	NS	3.40E-01	NS	3.92E-02	-1.5
A_64_P102191	NM_017011	24414	Grm1	glutamate receptor, metabotropic 1	4.47E-01	NS	1.75E-01	NS	3.65E-02	-1.4
A_43_P14690	NM_001108082	314743	Pctk2	PCTAIRE protein kinase 2	2.47E-01	NS	9.20E-01	NS	1.20E-02	-1.4
A_64_P108623	NM_134350	286918	Mx2	myxovirus (influenza virus) resistance 2	1.31E-01	NS	3.28E-01	NS	2.91E-03	-1.4
A_42_P499282	NM_001031660	361286	Msrb2	methionine sulfoxide reductase B2	1.55E-01	NS	8.13E-01	NS	1.57E-02	-1.4
A_64_P078827	NM_001009502	494219	Aer61	glycosyltransferase Aer61	9.99E-01	NS	5.00E-01	NS	2.68E-02	-1.4
A_64_P161621	NM_001101015	687399	LOC687399	hypothetical protein LOC687399	3.73E-01	NS	7.38E-01	NS	1.17E-02	-1.4
A_64_P050685	NM_001108626	362347	LOC362347	similar to protease, serine, 3 (mesotrypsin)	2.32E-01	NS	2.07E-01	NS	2.01E-02	-1.4
A_64_P122489	NM_017016	24443	Hdc	histidine decarboxylase	5.23E-01	NS	6.94E-01	NS	1.18E-02	-1.4
A_44_P164824	NM_001107124	304315	Ttyh3	tweety homolog 3 (Drosophila)	3.76E-01	NS	1.78E-01	NS	3.47E-02	-1.4
A_64_P127516	NM_001173451	681059	Vps25	vacuolar protein sorting 25 homolog (S. cerevisiae)	9.93E-02	NS	1.27E-01	NS	3.11E-02	-1.4
A_64_P036925	NM_012532	24268	Cp	ceruloplasmin	7.31E-01	NS	8.25E-01	NS	1.66E-02	-1.4
A_44_P684315	NM_001109104	498546	Serp2	stress-associated endoplasmic reticulum protein family member 2	1.98E-01	NS	9.58E-01	NS	1.48E-02	-1.4
A_42_P512417	NM_019252	29640	Dpm2	dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit	7.32E-02	NS	1.39E-01	NS	2.82E-02	-1.4
A_43_P15804	NM_001100639	171068	Pou2f1	POU domain, class 2, transcription factor 1	2.31E-01	NS	4.18E-01	NS	2.14E-02	-1.4
A_64_P108379	NM_001108807	363273	Cops7b	COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis)	4.42E-01	NS	7.68E-01	NS	1.36E-02	-1.4
A_44_P496211	NM_057139	117280	Hnrmpu	heterogeneous nuclear ribonucleoprotein U	1.15E-01	NS	7.91E-01	NS	4.84E-02	-1.4
A_64_P078006	XM_002726483				1.49E-01	NS	9.90E-01	NS	4.00E-02	-1.4
A_64_P013688	AY383694				6.24E-01	NS	8.58E-01	NS	2.17E-03	-1.4
A_44_P161692	NM_001025699	313618	Tmem57	transmembrane protein 57	7.52E-02	NS	6.46E-01	NS	7.89E-03	-1.4
A_44_P575662	NM_001039345	500502	Afaf	Acrosome formation associated factor ankyrin repeat and LEM domain containing 2	9.56E-02	NS	7.82E-01	NS	3.43E-02	-1.4
A_44_P524830	NM_001047901	360829	Ankle2		4.22E-01	NS	9.82E-01	NS	1.49E-02	-1.4
A_64_P062894	NM_001109124	498858	Ccdc112	coiled-coil domain containing 112	1.42E-01	NS	4.92E-01	NS	4.88E-02	-1.4
A_64_P130523	NM_181476	353250	Niacr1	niacin receptor 1	1.24E-01	NS	9.18E-02	NS	3.51E-02	-1.4
A_64_P054538	NM_031818	83718	Clic4	chloride intracellular channel 4	3.85E-01	NS	4.45E-01	NS	1.32E-02	-1.4
A_64_P109603	BC089781	117279	Cflar	CASP8 and FADD-like apoptosis regulator	3.00E-01	NS	4.04E-01	NS	3.72E-03	-1.4
A_64_P138924	NM_001106429	295010	Pabpc4l	poly(A) binding protein, cytoplasmic 4-like cyclin-dependent kinase-like 2 (CDC2-related kinase)	2.05E-01	NS	7.94E-01	NS	3.68E-02	-1.4
A_64_P038747	NM_001012035	305242	Cdkl2		2.06E-01	NS	3.72E-01	NS	2.44E-02	-1.4
A_64_P055853	XM_001056356	680258	Zfp748	zinc finger protein 748	3.27E-01	NS	5.31E-01	NS	3.83E-02	-1.4
A_64_P091078	NM_001107183	304833	Trove2	TROVE domain family, member 2	1.26E-01	NS	9.64E-02	NS	2.78E-02	-1.4
A_64_P075396	XM_001059994				6.11E-02	NS	6.16E-02	NS	4.86E-02	-1.4
A_64_P115666	NM_022196	60584	Lif	leukemia inhibitory factor	2.09E-01	NS	3.80E-01	NS	1.36E-02	-1.4
A_64_P027814	XM_001060134	290571	Znf488	zinc finger protein 488	6.77E-01	NS	6.66E-01	NS	3.84E-02	-1.4
A_64_P083625	XR_008432				2.48E-01	NS	5.08E-01	NS	7.73E-03	-1.4
A_64_P080248	NM_001011978	298541	Dhdds	dehydrodolichyl diphosphate synthase	1.38E-01	NS	3.12E-01	NS	3.48E-02	-1.4
A_64_P137828	NM_138531	171565	Stambp	Stam binding protein	1.63E-01	NS	8.76E-01	NS	1.05E-02	-1.4
A_64_P118862	XM_001067563	501036	Plscr5	phospholipid scramblase family, member 5	6.94E-01	NS	3.29E-01	NS	2.26E-02	-1.4
A_64_P003393	XM_002725396	307901	RGD1308461	similar to RIKEN cDNA 4632415K11	2.70E-01	NS	4.41E-01	NS	3.51E-02	-1.4
A_64_P077406	NM_001106210	292306	Rnaset2	ribonuclease T2	1.81E-01	NS	2.27E-01	NS	1.77E-02	-1.4
A_64_P121485	XM_001074743	690538	Scai	suppressor of cancer cell invasion	8.69E-02	NS	3.68E-01	NS	3.83E-02	-1.4
A_43_P12973	NM_053895	116675	Pgap2	post-GPI attachment to proteins 2	2.72E-01	NS	5.56E-01	NS	2.41E-02	-1.4
A_64_P120307	NM_001012140	360571	Rab34	RAB34, member RAS oncogene family	1.48E-01	NS	5.97E-01	NS	7.74E-03	-1.4

A_64_P162097	XM_001072893	690008	LOC690008	hypothetical protein LOC690008	7.26E-01	NS	7.75E-01	NS	3.65E-02	-1.4
A_42_P665627	NM_023095	65271	Mgat5	mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase	8.20E-01	NS	6.60E-01	NS	2.76E-02	-1.4
A_43_P18203	NM_001025698	313583	Sf3a3	splicing factor 3a, subunit 3	5.40E-02	NS	7.28E-01	NS	2.62E-02	-1.4
A_64_P145847	NM_001109484	685867	Myl6	myosin, light chain 6, alkali, smooth muscle and non-muscle	7.70E-02	NS	2.58E-01	NS	1.73E-02	-1.4
A_43_P11370	NM_207601	302562	Plp2	proteolipid protein 2 (colonic epithelium-enriched)	2.91E-01	NS	6.42E-01	NS	7.13E-03	-1.4
A_64_P057383	XM_001078969				8.84E-02	NS	3.17E-01	NS	1.85E-02	-1.4
A_64_P156105	NM_001000923	405239	Olr714	olfactory receptor 714	4.48E-01	NS	2.23E-01	NS	1.17E-02	-1.4
A_43_P12624	NM_031655	59073	Lxn	latexin	2.50E-01	NS	6.13E-01	NS	3.19E-03	-1.4
A_64_P095710	NM_040669	114638	Hps1	Hermansky-Pudlak syndrome 1 homolog (human)	4.31E-01	NS	7.61E-01	NS	1.31E-02	-1.4
A_42_P698972	NM_033098	25217	Tapbp	TAP binding protein	1.48E-01	NS	4.90E-01	NS	2.37E-02	-1.4
A_44_P575687	XM_001077402	691254	LOC691254	hypothetical protein LOC691254	5.93E-02	NS	4.28E-01	NS	2.18E-02	-1.4
A_42_P468771	NM_001107362	307075	Wdr37	WD repeat domain 37	2.01E-01	NS	9.74E-01	NS	1.37E-02	-1.4
A_43_P11604	NM_012886	25358	Timp3	TIMP metalloproteinase inhibitor 3	2.12E-01	NS	6.33E-01	NS	4.43E-02	-1.4
A_64_P053726	NM_001106990	303000	Solh	small optic lobes homolog (Drosophila)	5.32E-01	NS	7.67E-01	NS	2.04E-02	-1.4
A_64_P149909	NM_172063	64460	Pex14	peroxisomal biogenesis factor 14	1.11E-01	NS	1.07E-01	NS	2.89E-02	-1.4
A_64_P013324	NM_001107865	312451	Tcf3	transcription factor 3	2.46E-01	NS	6.98E-01	NS	2.12E-02	-1.4
A_64_P085607	NM_001047864	297576	Dppa3	developmental pluripotency-associated 3	8.11E-01	NS	9.77E-01	NS	1.23E-02	-1.4
A_42_P601850	NM_001047893	317435	Shroom2	shroom family member 2	1.01E-01	NS	3.03E-01	NS	1.48E-02	-1.4
A_64_P118997	XR_008889				4.22E-01	NS	7.62E-01	NS	1.80E-02	-1.4
A_64_P094806	NM_001135084	680201	Zfp322a	zinc finger protein 322a	3.86E-01	NS	5.01E-01	NS	3.04E-03	-1.4
A_64_P057631	NM_176861	294961	Kcnmb2	potassium large conductance calcium-activated channel, subfamily M, beta member 2	2.30E-01	NS	2.33E-01	NS	3.62E-02	-1.4
A_64_P218751	U78129				4.29E-01	NS	8.31E-01	NS	1.68E-02	-1.4
A_64_P079900	NM_001134991	309613	Ng35	Ng35 pseudogene	6.52E-01	NS	8.39E-01	NS	4.15E-02	-1.4
A_64_P024997	XM_001079005	691608	LOC691608	hypothetical protein LOC691608	2.55E-01	NS	2.97E-01	NS	1.69E-02	-1.4
A_44_P518233	NM_001106512	296162	Ddrgk1	DDRKG domain containing 1	1.57E-01	NS	8.85E-01	NS	2.13E-02	-1.4
A_64_P109729	XM_001057297	503252	RGD1565095	similar to hypothetical protein MGC52110 similar to solute carrier family 7 (cationic amino acid transporter, y+ system), member 12	5.79E-01	NS	1.80E-01	NS	3.58E-02	-1.4
A_64_P000525	NM_001017465	361914	LOC361914	member 12	3.05E-01	NS	3.79E-01	NS	3.36E-02	-1.4
A_64_P358316	XM_002726079	362096	Setx	senataxin	1.39E-01	NS	3.13E-01	NS	3.55E-03	-1.4
A_64_P101449	NM_001037188	302998	RGD1307155	similar to CG18661-PA	1.54E-01	NS	8.55E-01	NS	3.16E-02	-1.4
A_64_P165150	NM_172021	266764	Tbkbp1	TBK1 binding protein 1	9.20E-01	NS	3.98E-01	NS	3.64E-02	-1.4
A_64_P035852	XM_001058603	498385	RGD1561241	similar to Mblk1-related protein-1	5.08E-02	NS	6.53E-02	NS	3.97E-02	-1.4
A_64_P042415	NM_173096	24575	Mx1	myxovirus (influenza virus) resistance 1	1.14E-01	NS	8.16E-01	NS	2.42E-02	-1.4
A_42_P763522	NM_001013980	304138	Cypr1	cysteine/tyrosine-rich 1	1.72E-01	NS	1.80E-01	NS	2.21E-02	-1.4
A_64_P051527	NM_001109593	690460	LOC690460	similar to keratin associated protein 10-7	8.95E-01	NS	2.08E-01	NS	1.24E-02	-1.4
A_64_P008672	XM_224732				8.45E-01	NS	5.03E-01	NS	3.26E-02	-1.4
A_44_P352152	XM_220319				2.14E-01	NS	8.80E-01	NS	3.24E-02	-1.4
A_64_P112644	NM_001107470	308282	Shprh	SNF2 histone linker PHD RING helicase	7.57E-01	NS	2.93E-01	NS	4.44E-02	-1.4
A_44_P529299	NM_184046	297383	Rtkn	rhotekin	4.08E-01	NS	2.23E-01	NS	2.84E-02	-1.4
A_64_P093026	NM_001015028	362515	Anks6	ankyrin repeat and sterile alpha motif domain containing 6	2.20E-01	NS	2.23E-01	NS	3.36E-02	-1.4
A_64_P164330	NM_001098216	294299	Tead3	TEA domain family member 3	1.07E-01	NS	7.56E-01	NS	2.30E-02	-1.4
A_64_P076402	XR_008228	688634	LOC688634	similar to Histone acetyltransferase MYST4 (MYST protein 4) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4) (Querkopf protein)	4.91E-01	NS	7.29E-01	NS	2.15E-02	-1.4
A_44_P279398	XM_340956	292172	Eya4	eyes absent homolog 4 (Drosophila)	1.94E-01	NS	5.91E-01	NS	1.83E-02	-1.4
A_64_P060268	XM_001079962				7.66E-02	NS	1.03E-01	NS	3.80E-02	-1.4
A_42_P514798	NM_001107953	313481	Zcchc11	zinc finger, CCHC domain containing 11	7.43E-01	NS	7.96E-01	NS	4.95E-02	-1.4
A_64_P104850	NM_001126096	690354	Lymr2	LYR motif containing 2	2.95E-01	NS	2.76E-01	NS	1.85E-02	-1.4
A_64_P159598	NM_001107519	308668	Nipa1	non imprinted in Prader-Willi/Angelman syndrome 1 homolog (human)	1.95E-01	NS	7.05E-01	NS	7.57E-03	-1.4
A_64_P048720	NM_138539	171575	Dnase2a	deoxyribonuclease II alpha	1.31E-01	NS	9.97E-01	NS	3.10E-03	-1.4

A_64_P082883	NM_024485	79557	Chrna1	cholinergic receptor, nicotinic, alpha 1 (muscle)	5.81E-01	NS	6.90E-01	NS	2.34E-02	-1.4
A_64_P048466	NM_001109342	502648	Pramel6	preferentially expressed antigen in melanoma-like 6	9.44E-01	NS	2.63E-01	NS	3.61E-02	-1.4
A_64_P030322	NM_199096	298598	Necap2	NECAP endocytosis associated 2 similar to chromosome 14 open reading frame 166B	6.40E-02	NS	1.48E-01	NS	4.65E-02	-1.4
A_64_P127753	NM_001037783	314328	LOC314328	frame 166B	5.68E-01	NS	5.69E-01	NS	2.99E-02	-1.4
A_64_P031875	NM_001098803	305888	Zfx2	zinc finger homeobox 2	3.61E-01	NS	4.86E-01	NS	2.88E-02	-1.4
A_64_P041019	NM_001109111	498630	Wwc2	WW and C2 domain containing 2	3.06E-01	NS	9.73E-01	NS	6.20E-03	-1.4
A_64_P000549	XM_001070971				8.58E-01	NS	9.43E-01	NS	3.47E-02	-1.4
A_64_P071485	NM_001109293	500993	RGD1563941	similar to hypothetical protein FLJ20010	1.69E-01	NS	4.03E-01	NS	2.79E-02	-1.4
A_44_P273888	NM_001000916	405231	Olr786	olfactory receptor 786	1.38E-01	NS	1.27E-01	NS	3.22E-02	-1.4
A_44_P149267	NM_001013099	299139	Slc38a6	solute carrier family 38, member 6	1.44E-01	NS	2.17E-01	NS	4.33E-02	-1.4
A_44_P281733	XM_001075398	287362	Nlrp3	NLR family, pyrin domain containing 3	1.14E-01	NS	7.31E-01	NS	4.85E-02	-1.4
A_64_P084284	NM_001001084	405975	Olr1233	olfactory receptor 1233	7.98E-01	NS	9.03E-02	NS	4.33E-02	-1.4
A_64_P048280	NM_001173472	498886	RGD1562987	similar to cDNA sequence BC031181	6.41E-02	NS	8.57E-02	NS	2.46E-02	-1.4
A_64_P120584	NM_001106546	296399	Zfp93	zinc finger protein 93	7.06E-02	NS	9.68E-01	NS	1.58E-02	-1.4
A_64_P063993	NM_001013214	362556	Ttc4	tetratricopeptide repeat domain 4 PRP39 pre-mRNA processing factor 39 homolog (S. cerevisiae)	3.80E-01	NS	2.25E-01	NS	2.49E-02	-1.4
A_44_P356707	NM_001108026	314171	Prpf39	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed nuclear receptor subfamily 2, group F, member 2	2.81E-01	NS	6.75E-01	NS	1.73E-02	-1.4
A_64_P020159	NM_001012739	29752	Fau	v-ral simian leukemia viral oncogene homolog A (ras related)	2.48E-01	NS	8.46E-01	NS	3.28E-02	-1.4
A_44_P421333	NM_080778	113984	Nr2f2	nuclear factor related to kappa B binding protein	9.46E-01	NS	2.61E-01	NS	1.45E-02	-1.4
A_44_P116449	NM_031093	81757	Rala	homolog A (ras related)	2.48E-01	NS	4.97E-01	NS	1.31E-02	-1.4
A_64_P060598	NM_031789	83619	Nfe2l2	nuclear factor, erythroid derived 2, like 2	3.27E-01	NS	1.74E-01	NS	1.24E-02	-1.4
A_44_P374771	NM_001000402	298044	Olr848	olfactory receptor 848	5.47E-01	NS	5.53E-01	NS	4.86E-02	-1.4
A_64_P044873	NM_001109391	680102	Mab21l2	mab-21-like 2 (C. elegans)	9.62E-01	NS	2.30E-01	NS	1.19E-02	-1.4
A_44_P1011244	NM_001005532	287798	MGC95210	hypothetical LOC287798	1.27E-01	NS	2.22E-01	NS	2.43E-02	-1.4
A_44_P607412	NM_001108133	315523	Nfrkb	nuclear factor related to kappa B binding protein	5.44E-01	NS	2.97E-01	NS	3.17E-02	-1.4
A_64_P002289	NM_001142757	315101	Zfp7	zinc finger protein 7	2.79E-01	NS	8.98E-01	NS	8.95E-03	-1.4
A_64_P148115	NM_001008369	361694	Pitpnm1	phosphatidylinositol transfer protein, membrane-associated 1	8.59E-02	NS	4.90E-01	NS	3.56E-02	-1.4
A_44_P871648	NM_001007724	360639	Dcakd	dephospho-CoA kinase domain containing	1.03E-01	NS	4.52E-01	NS	3.95E-02	-1.4
A_64_P106553	XM_001058677	680745	LOC680745	hypothetical protein LOC680745	6.20E-01	NS	6.40E-01	NS	2.32E-02	-1.4
A_64_P041016	NM_001109111	498630	Wwc2	WW and C2 domain containing 2	8.02E-02	NS	7.89E-01	NS	3.67E-02	-1.4
A_44_P930446	XM_001062249	685088	She	Src homology 2 domain containing E	1.95E-01	NS	3.78E-01	NS	3.06E-02	-1.4
A_64_P057907	NM_001106267	292995	Tm2d3	TM2 domain containing 3	8.51E-02	NS	5.12E-02	NS	1.70E-02	-1.4
A_43_P21574	NM_001012043	306066	Tdrd3	tudor domain containing 3	2.18E-01	NS	4.15E-01	NS	1.39E-02	-1.4
A_64_P056928	XM_001057556	310418	Frem2	Fras1 related extracellular matrix protein 2	4.97E-01	NS	3.04E-01	NS	1.38E-02	-1.4
A_64_P144933	NM_001106383	294341	Slc5a4a	solute carrier family 5, member 4a spectrin repeat containing, nuclear envelope 1	3.38E-01	NS	9.69E-02	NS	1.21E-02	-1.4
A_42_P807826	AY597251	499010	Syne1	amyloid beta precursor protein (cytoplasmic tail) binding protein 2	4.80E-01	NS	8.84E-01	NS	1.25E-02	-1.4
A_64_P073283	NM_001100969	303396	Appbp2	pim-1 oncogene	2.66E-01	NS	2.42E-01	NS	4.90E-02	-1.4
A_64_P042183	NM_017034	24649	Pim1	neurofibromin 1	9.04E-01	NS	6.98E-01	NS	4.97E-02	-1.4
A_64_P142580	NM_012609	24592	Nf1	serine/threonine kinase 19	5.05E-01	NS	3.41E-01	NS	1.77E-02	-1.4
A_64_P012021	NM_001013197	361800	Stk19	transmembrane and tetratricopeptide repeat containing 4	3.27E-01	NS	8.35E-01	NS	3.39E-02	-1.4
A_64_P088695	NM_001134414	290501	Tmtc4	ring finger protein 216	4.23E-01	NS	6.20E-01	NS	2.17E-02	-1.4
A_64_P063903	NM_001107122	304294	Rnf216	abhydrolase domain containing 8	9.22E-01	NS	7.45E-01	NS	1.38E-02	-1.4
A_64_P088447	NM_001107301	306338	Abhd8	Rho family GTPase 3	9.60E-02	NS	3.14E-01	NS	3.89E-02	-1.4
A_44_P414460	NM_001007641	295588	Rnd3	Cas-Br-M (murine) ecotropic retroviral transforming sequence-like 1	4.77E-01	NS	3.91E-01	NS	3.12E-02	-1.4
A_64_P072813	FQ212058			acetyl-Coenzyme A acetyltransferase 2	9.04E-02	NS	7.57E-01	NS	2.35E-02	-1.4
A_44_P309573	NM_001108018	314028	Cbll1		1.97E-01	NS	1.47E-01	NS	4.90E-02	-1.4
A_64_P024620	NM_001006995	308100	Acat2		3.72E-01	NS	8.21E-01	NS	4.00E-02	-1.4

A_64_P054606	NM_001107279	306055	Pcdh17	protocadherin 17 leucine-rich repeats and IQ motif containing 1	3.80E-01	NS	2.00E-01	NS	1.31E-02	-1.4
A_44_P126545	XM_001080693	299759	Lrriq1		8.37E-01	NS	2.16E-01	NS	3.15E-02	-1.4
A_64_P155393	NM_171992	58919	Ccnd1	cyclin D1	6.81E-01	NS	2.07E-01	NS	3.64E-02	-1.4
A_64_P132601	NM_001107154	304580	Ssh1	slingshot homolog 1 (Drosophila)	1.26E-02	NS	6.66E-01	NS	1.15E-02	-1.4
A_64_P163987	NM_001108800	363243	Klf7	Kruppel-like factor 7 (ubiquitous)	2.25E-01	NS	2.10E-01	NS	1.50E-02	-1.4
A_64_P035766	NM_001047908	361902	Heatr7b2	HEAT repeat family member 7B2	6.71E-01	NS	3.57E-01	NS	2.61E-02	-1.4
A_64_P020581	NM_001108785	363158	Crtp	cartilage associated protein	1.22E-01	NS	9.97E-01	NS	4.94E-03	-1.4
A_64_P036656	NM_153727	266769	Gpr3	G protein-coupled receptor 3	2.23E-01	NS	5.31E-01	NS	1.68E-02	-1.4
A_42_P768978	NM_145098	246331	Nrp1	neuropilin 1	6.70E-01	NS	8.12E-01	NS	1.53E-02	-1.4
A_64_P053896	NM_001109384	679944	Alkbh7	alkB, alkylation repair homolog 7 (E. coli)	7.05E-01	NS	5.49E-01	NS	4.35E-03	-1.4
A_64_P142615	XM_002724960	364144	RGD1311309	similar to 2510002A14Rik protein	1.42E-01	NS	8.15E-01	NS	4.93E-02	-1.4
A_44_P990065	NM_001047869	299012	Arhgap5	Rho GTPase activating protein 5	3.25E-01	NS	1.07E-01	NS	6.72E-03	-1.4
A_64_P087390	NM_001108764	363070	RGD1310727	LOC363070	7.85E-01	NS	3.99E-01	NS	1.04E-02	-1.4
A_64_P156597	XM_001057158	499803	RGD1560831	similar to 40S ribosomal protein S3	2.55E-01	NS	1.73E-01	NS	2.97E-02	-1.4
A_64_P153234	NM_053476	85238	Synj1	synaptojanin 1	2.14E-01	NS	5.93E-01	NS	8.83E-03	-1.4
A_64_P395054	FM128932				4.44E-01	NS	5.00E-01	NS	4.18E-02	-1.4
A_44_P465998	NM_001000303	295746	Olr476	olfactory receptor 476	3.97E-01	NS	9.05E-01	NS	3.80E-02	-1.4
A_64_P057441	NM_001009239	140654	Rps3	ribosomal protein S3	2.29E-01	NS	6.71E-02	NS	3.50E-02	-1.4
A_64_P069394	NM_001037788	360792	Stylx1	serine/threonine/tyrosine interacting-like 1	3.64E-01	NS	8.80E-01	NS	3.01E-02	-1.4
A_42_P663350	NM_001033682	287479	Shpk	sedoheptulokinase	1.70E-01	NS	9.78E-01	NS	2.35E-02	-1.4
A_64_P102894	NM_001034995	619577	Rnf14	ring finger protein 14	5.34E-01	NS	9.35E-01	NS	1.44E-02	-1.4
A_64_P098076	FQ228533				9.75E-02	NS	7.04E-01	NS	1.78E-02	-1.4
A_64_P081597	NM_053620	113960	Cdc42bbp	CDC42 binding protein kinase beta (DMPK-like)	1.32E-01	NS	7.59E-01	NS	9.86E-03	-1.4
A_64_P116132	NM_001011893	287606	4-Sep	septin 4	5.06E-02	NS	2.26E-01	NS	1.73E-02	-1.4
A_64_P019325	NM_001014024	309000	Orai3	ORAI calcium release-activated calcium modulator 3	3.83E-01	NS	6.80E-01	NS	1.68E-02	-1.4
A_44_P448740	NM_012616	24612	Omp	olfactory marker protein	7.25E-01	NS	5.58E-01	NS	1.11E-02	-1.4
A_44_P189859	NM_001012094	311872	Zbtb43	zinc finger and BTB domain containing 43	4.38E-01	NS	8.43E-01	NS	4.30E-02	-1.4
A_44_P326176	NM_001134538	304554	Sez6l	seizure related 6 homolog (mouse)-like par-3 partitioning defective 3 homolog B (C. elegans)	5.72E-01	NS	1.75E-01	NS	4.06E-02	-1.4
A_64_P151012	XM_001066763	301455	Pard3b		7.73E-02	NS	7.26E-01	NS	3.39E-02	-1.4
A_64_P046788	XM_344780	365018	Zcchc14	zinc finger, CCHC domain containing 14	3.45E-01	NS	4.36E-01	NS	3.38E-02	-1.4
A_44_P1029357	XM_217657	307992	Atrnl1	attractin like 1	2.87E-01	NS	5.03E-01	NS	3.18E-02	-1.4
A_64_P055748	NM_001030034	303008	Rhbdfl	rhomoid 5 homolog 1 (Drosophila)	5.58E-01	NS	7.28E-01	NS	2.32E-02	-1.4
A_64_P127953	XM_002727019				5.15E-02	NS	9.52E-01	NS	1.32E-02	-1.4
A_64_P145253	NM_017206	29464	Slc6a6	solute carrier family 6 (neurotransmitter transporter, taurine), member 6	3.20E-01	NS	1.16E-01	NS	1.52E-02	-1.4
A_64_P043926		691616	LOC691616	similar to keratin associated protein 5-1 biregional cell adhesion molecule-related/down-regulated by oncogenes	1.07E-01	NS	2.89E-01	NS	4.85E-02	-1.4
A_44_P392004	NM_001108317	360715	Boc	(Cdon) binding protein	8.09E-01	NS	1.26E-01	NS	2.28E-02	-1.4
A_64_P025823	NM_001009490	494199	Oas1f	2'-5' oligoadenylate synthetase 1F	5.20E-01	NS	1.27E-01	NS	8.66E-03	-1.4
A_44_P224547	NM_001077641	24654	Plcb1	phospholipase C, beta 1 (phosphoinositide-specific)	2.28E-01	NS	5.58E-01	NS	4.05E-02	-1.4
A_64_P073550	NM_001101828	499558	11-Mar	membrane-associated ring finger (C3HC4) 11	2.32E-01	NS	7.59E-01	NS	4.68E-02	-1.4
A_44_P548581	NM_001012137	317385	Fus	fusion (involved in t(12;16) in malignant liposarcoma) (human)	5.58E-01	NS	2.38E-01	NS	1.85E-02	-1.4
A_44_P183160	XM_001068573	366996	Hoxc11	homeobox C11	1.77E-01	NS	6.41E-01	NS	4.36E-02	-1.4
A_44_P230712	NM_013135	25676	Rasa1	RAS p21 protein activator (GTPase activating protein) 1	5.95E-02	NS	2.22E-01	NS	5.59E-03	-1.4
A_64_P145162	XM_577708				5.22E-01	NS	3.01E-01	NS	3.00E-02	-1.4
A_64_P040230	NM_138978	192649	Prokr2	prokineticin receptor 2	3.29E-01	NS	5.78E-01	NS	3.23E-02	-1.4
A_64_P019160	NM_001107894	312828	Etnk1	ethanolamine kinase 1	4.86E-01	NS	9.88E-01	NS	2.49E-02	-1.4
A_64_P102503	XM_001076231	295475	Neurog2	neurogenin 2	6.93E-01	NS	2.89E-01	NS	4.73E-02	-1.4
A_64_P093483	NM_020091	56825	Cym	chymosin	9.97E-02	NS	3.26E-01	NS	2.89E-02	-1.4
A_64_P369461	NM_012984	25486	Myo9b	myosin IXb	9.85E-01	NS	7.33E-01	NS	3.69E-02	-1.4
A_64_P138489	NM_001106986	302976	Noxo1	NADPH oxidase organizer 1	2.56E-01	NS	7.56E-01	NS	1.77E-02	-1.4

A_44_P1060382	NM_172040	64468	Hyal2	hyaluronoglucosaminidase 2	1.07E-01	NS	1.98E-01	NS	5.47E-03	-1.4
A_64_P131931	XM_001069525				1.82E-01	NS	9.11E-01	NS	1.46E-02	-1.4
A_64_P354762	NM_001108029	314205	Arid4a	AT rich interactive domain 4A (Rbp1 like)	2.15E-01	NS	2.36E-01	NS	2.41E-02	-1.4
A_64_P062658	XM_001060307				1.12E-01	NS	1.18E-01	NS	1.91E-02	-1.4
A_44_P127958	NM_134335	171296	Myo9a	myosin IXA	1.70E-01	NS	5.54E-02	NS	3.40E-02	-1.4
A_64_P072748	NM_001012052	306872	Cage1	cancer antigen 1	2.85E-01	NS	9.02E-01	NS	2.63E-02	-1.4
A_44_P149608	XM_001066436	683538	LOC683538	similar to metaxin 3 gamma-aminobutyric acid (GABA) A receptor, delta	6.27E-01	NS	6.92E-01	NS	1.45E-02	-1.4
A_43_P11897	NM_017289	29689	Gabrd		2.12E-01	NS	8.86E-01	NS	3.58E-02	-1.4
A_64_P032232	XM_001075273				1.61E-01	NS	6.75E-01	NS	2.30E-02	-1.4
A_43_P10011	NM_001025274	297942	Sfrs18	splicing factor, arginine/serine-rich 18 actin related protein 2/3 complex, subunit 5- like	1.84E-01	NS	6.89E-01	NS	2.59E-02	-1.4
A_64_P064521	BC098820	296710	Arpc5l	diacepam binding inhibitor (GABA receptor modulator, acyl-Coenzyme A binding protein)	1.38E-01	NS	9.55E-01	NS	2.59E-02	-1.4
A_43_P14621	NM_031853	25045	Dbi		4.33E-01	NS	4.26E-01	NS	4.54E-02	-1.4
A_64_P088372	NM_001077683	690367	Btbd6	BTB (POZ) domain containing 6	3.16E-01	NS	2.93E-01	NS	1.59E-02	-1.4
A_64_P101573	NM_001037362	498695	MGC125086	similar to RIKEN cDNA 5133401N09	2.79E-01	NS	3.57E-01	NS	3.84E-02	-1.4
A_64_P164632	NM_001108474	361516	Igff3	IGF-like family member 3	5.48E-01	NS	1.53E-01	NS	3.51E-02	-1.4
A_64_P113675	NM_001100723	315722	Adpgk	ADP-dependent glucokinase	1.02E-01	NS	4.72E-01	NS	4.80E-02	-1.4
A_43_P12535	NM_031135	81813	Klf10	Kruppel-like factor 10	1.98E-01	NS	6.19E-01	NS	3.51E-02	-1.4
A_44_P272253	NM_001134500	288978	LOC288978	hypothetical LOC288978	1.75E-01	NS	1.28E-01	NS	3.76E-02	-1.4
A_43_P19403	NM_001108066	314616	Arid3a	AT rich interactive domain 3A (Bright like)	9.97E-02	NS	2.35E-01	NS	1.91E-02	-1.4
A_64_P149172	NM_001105814	287537	Abr	active BCR-related gene	3.38E-01	NS	7.01E-01	NS	7.61E-03	-1.4
A_44_P1029706	NM_013092	25627	Cma1	chymase 1, mast cell fibronectin leucine rich transmembrane protein 3	2.89E-01	NS	2.98E-01	NS	2.69E-02	-1.4
A_44_P378742	NM_001126291	366205	Flrt3		8.17E-01	NS	7.73E-01	NS	3.20E-02	-1.4
A_44_P256677	NM_001107671	310358	RGD1308448	similar to RIKEN cDNA B130016O10 gene	8.96E-01	NS	2.16E-01	NS	1.33E-02	-1.4
A_44_P477971	NM_001134570	360799	RGD1560258	similar to RIKEN cDNA 4930579G22 six transmembrane epithelial antigen of the prostate 2	4.17E-01	NS	7.52E-01	NS	1.13E-02	-1.4
A_42_P750554	NM_001107846	312052	Steap2		1.13E-01	NS	8.13E-02	NS	3.90E-02	-1.4
A_44_P234624	NM_001107061	303614	Smurf2	SMAD specific E3 ubiquitin protein ligase 2 T-cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 subunit A3	2.87E-01	NS	5.83E-01	NS	6.55E-03	-1.4
A_64_P033380	NM_199089	293650	Tcigr1		1.41E-01	NS	5.66E-01	NS	4.00E-02	-1.4
A_64_P100619	NM_001000373	296026	Olf773	olfactory receptor 773	6.51E-02	NS	1.62E-01	NS	3.30E-02	-1.4
A_64_P075498	NM_001129881	686999	LOC686999	similar to M phase phosphoprotein 6	1.55E-01	NS	1.42E-01	NS	3.89E-02	-1.4
A_64_P032137	NM_031675	63836	Actn4	actinin alpha 4	8.36E-02	NS	9.93E-01	NS	1.60E-02	-1.4
A_64_P153423	NM_053841	116569	Lct	lactase	7.09E-01	NS	3.29E-01	NS	2.62E-02	-1.4
A_64_P199399	XM_577103				9.82E-01	NS	8.25E-01	NS	2.48E-02	-1.4
A_64_P153477	NM_001127522	287827	Armc7	armadillo repeat containing 7	1.79E-01	NS	5.17E-01	NS	3.85E-02	-1.4
A_43_P17196	NM_001109283	500795	RGD1562114	RGD1562114	9.42E-02	NS	3.74E-01	NS	4.58E-02	-1.4
A_44_P299887	NM_001106572	296708	Olfml2a	olfactomedin-like 2A	2.29E-01	NS	9.51E-01	NS	3.67E-02	-1.4
A_64_P100833	XM_228876	317423	FAM120C	family with sequence similarity 120C	7.07E-02	NS	6.98E-01	NS	1.12E-02	-1.4
A_42_P645186	NM_022945	65039	Vegp1	von Ebners gland protein 1	3.66E-01	NS	7.89E-02	NS	2.92E-02	-1.4
A_44_P310152	NM_031111	81775	Rps21	ribosomal protein S21	3.43E-01	NS	5.16E-01	NS	4.85E-02	-1.4
A_64_P073078	NM_019238	29580	Fdft1	farnesyl diphosphate farnesyl transferase 1	7.42E-01	NS	8.75E-01	NS	3.85E-02	-1.4
A_64_P066711	NM_012937	25422	Crybb2	crystallin, beta B2	3.89E-01	NS	5.15E-01	NS	2.20E-02	-1.4
A_64_P079958	NM_001000462	300602	Olf1301	olfactory receptor 1301	5.17E-01	NS	1.07E-01	NS	4.00E-02	-1.4
A_44_P1057176	NM_199395	314904	Geft	RhoA/RAC/CDC42 exchange factor	2.11E-01	NS	6.21E-01	NS	2.62E-02	-1.4
A_64_P111445	XM_001057332	680470	Pcdhgb6	protocadherin gamma subfamily B, 6	4.24E-01	NS	7.02E-01	NS	3.59E-02	-1.4
A_42_P833106	NM_001134520	363135	Rad54l2	Rad54 like 2 (S. cerevisiae)	5.50E-01	NS	5.11E-01	NS	2.60E-02	-1.4
A_44_P184896	NM_001101008	683722	LOC683722	similar to Fgfr1 oncogene partner ankyrin repeat and sterile alpha motif domain containing 3	3.92E-01	NS	7.06E-01	NS	4.79E-02	-1.4
A_42_P590466	NM_001009676	302937	Anks3		1.45E-01	NS	4.60E-01	NS	4.32E-02	-1.4
A_42_P754654	XM_575704	500351	RGD1562378	histone H4 variant H4-v.1	1.51E-01	NS	9.46E-01	NS	1.18E-02	-1.4
A_64_P017478	NM_001007689	307649	Ciapin1	cytokine induced apoptosis inhibitor 1	6.34E-01	NS	9.48E-01	NS	4.93E-02	-1.4
A_42_P830301	NM_001105668	362325	Mdfic	MyoD family inhibitor domain containing	1.48E-01	NS	6.43E-01	NS	1.35E-02	-1.4
A_64_P101296	XM_001056119	680207	LOC680207	hypothetical protein LOC680207	7.83E-02	NS	4.79E-01	NS	1.09E-02	-1.4

A_44_P371339	NM_012589	24498	Il6	interleukin 6	5.80E-01	NS	2.05E-01	NS	3.23E-02	-1.4
A_64_P062269	XM_001067531	688592	LOC688592	similar to serine/threonine kinase	4.49E-01	NS	2.19E-01	NS	3.32E-02	-1.4
A_44_P389670	XR_085968				7.78E-02	NS	5.70E-01	NS	2.47E-02	-1.4
A_64_P072247	XM_001055615	680085	A26c2	ANKRD26-like family C, member 2	6.98E-01	NS	1.90E-01	NS	1.27E-02	-1.4
A_64_P153489	NM_001009455	361653	Armc5	armadillo repeat containing 5	6.22E-02	NS	9.96E-02	NS	4.64E-02	-1.4
A_42_P726743	NM_001108985	366698	Adck1	aarF domain containing kinase 1	5.46E-02	NS	6.07E-01	NS	1.58E-02	-1.4
A_64_P042742	XM_001061779	684984	Cd300lg	Cd300 molecule-like family member G ST3 beta-galactoside alpha-2,3- sialyltransferase 4	8.76E-01	NS	2.68E-01	NS	9.75E-03	-1.4
A_42_P740939	NM_203337	363040	St3gal4	malignant fibrous histiocytoma amplified sequence 1	3.12E-01	NS	4.30E-01	NS	9.43E-03	-1.4
A_44_P283790	NM_001107316	306508	Mfhas1	UPF2 regulator of nonsense transcripts homolog (yeast)	2.74E-01	NS	1.02E-01	NS	3.21E-02	-1.4
A_42_P586681	NM_001108421	361271	Upf2	similar to Interferon-alpha/beta receptor beta chain precursor (IFN-alpha-REC) (Type I interferon receptor) (IFN-R) (Interferon alpha/beta receptor-2)	6.34E-01	NS	3.04E-01	NS	1.77E-02	-1.4
A_42_P519138	XM_001073550	686326	LOC686326		7.09E-01	NS	6.16E-01	NS	2.84E-02	-1.4
A_64_P160195	XM_344914	686118	Zfp29	zinc finger protein 29	4.86E-01	NS	7.31E-01	NS	3.06E-02	-1.4
A_64_P138534	XM_001053578	679580	LOC679580	similar to MIC2 like 1	4.30E-01	NS	1.88E-01	NS	3.98E-02	-1.4
A_44_P437848	XM_001068090	317423	FAM120C	family with sequence similarity 120C	1.49E-01	NS	2.35E-01	NS	1.39E-02	-1.4
A_44_P197663	XM_001058060				3.49E-01	NS	6.62E-02	NS	2.55E-02	-1.4
A_64_P049885	NM_053597	94266	Rps27	ribosomal protein S27 cyclin D binding myb-like transcription factor 1	2.09E-01	NS	5.07E-01	NS	4.83E-02	-1.4
A_64_P213481	NM_053693	114485	Dmtf1	transmembrane protein 81	1.47E-01	NS	4.07E-01	NS	3.10E-02	-1.4
A_43_P18640	NM_001017490	498229	Tmem81	topoisomerase (DNA) I	4.55E-01	NS	1.66E-01	NS	3.36E-02	-1.4
A_44_P241862	NM_022615	64550	Top1	myosin IE	2.91E-01	NS	9.39E-01	NS	3.12E-02	-1.4
A_64_P016813	NM_173101	25484	Myo1e	lysine (K)-specific demethylase 4A similar to ErbB2 interacting protein isoform 2	5.72E-01	NS	1.65E-01	NS	4.97E-02	-1.4
A_44_P199368	NM_001107966	313539	Kdm4a		9.00E-01	NS	9.71E-01	NS	1.27E-02	-1.4
A_42_P512385	XR_085744	365661	RGD1562952		2.70E-01	NS	7.72E-01	NS	2.84E-02	-1.4
A_64_P120065	NM_001107670	310352	Phf17	PHD finger protein 17	1.46E-01	NS	5.47E-01	NS	1.20E-02	-1.4
A_44_P245433	NM_001000200	293367	Olr221	olfactory receptor 221	4.05E-01	NS	4.76E-01	NS	4.11E-02	-1.4
A_64_P061938	XR_006599				1.82E-01	NS	8.30E-01	NS	1.80E-02	-1.4
A_64_P138971	NM_001106413	294770	Card6	caspase recruitment domain family, member 6	7.68E-01	NS	7.92E-01	NS	3.29E-02	-1.4
A_64_P016583	NM_001108895	364973	Best2	bestrophin 2	6.60E-01	NS	3.22E-01	NS	1.39E-02	-1.4
A_64_P316430	NM_031018	81647	Atf2	activating transcription factor 2	1.61E-01	NS	9.31E-01	NS	2.98E-02	-1.4
A_64_P260129	NM_134332	171290	Gzmc	granzyme C	1.10E-01	NS	3.06E-01	NS	3.38E-02	-1.4
A_64_P112909	XM_001071564				2.38E-01	NS	7.24E-01	NS	8.77E-03	-1.4
A_64_P048987	NM_001105828	287608	Supt4h1	suppressor of Ty 4 homolog 1 (S. cerevisiae)	7.00E-02	NS	4.69E-01	NS	3.73E-02	-1.4
A_44_P940501	XR_009495				1.58E-01	NS	8.54E-01	NS	3.99E-02	-1.4
A_64_P153779	NM_001134887	691922	Nt5dc3	5'-nucleotidase domain containing 3	3.01E-01	NS	8.70E-01	NS	1.11E-02	-1.4
A_64_P109373	NM_001130536	282581	Fzd6	frizzled homolog 6 (Drosophila)	3.30E-01	NS	5.34E-01	NS	4.09E-02	-1.4
A_64_P015631	NM_001107356	306994	RGD1306613	similar to RIKEN cDNA 1600012F09	5.86E-01	NS	2.39E-01	NS	2.96E-02	-1.4
A_64_P058859	NM_012676	24837	Tnnt2	troponin T type 2 (cardiac) host cell factor C1 regulator 1 (XPO1- dependent)	9.02E-01	NS	7.29E-01	NS	2.90E-02	-1.4
A_44_P161159	NM_001185047	287097	Hcfc1r1		1.42E-01	NS	7.04E-01	NS	2.39E-02	-1.4
A_64_P024287	XR_009241	363913	LOC363913	similar to frizzled 10 transient receptor potential cation channel, subfamily M, member 5	2.10E-01	NS	3.02E-01	NS	1.61E-02	-1.4
A_64_P041541	XM_001065110	365391	Trpm5		3.21E-01	NS	5.60E-01	NS	3.86E-02	-1.4
A_44_P741723	NM_145789	252963	Il13ra1	interleukin 13 receptor, alpha 1	1.31E-01	NS	6.94E-01	NS	3.49E-02	-1.4
A_64_P111604	NM_022706	64670	Gabarapl2	GABA(A) receptor-associated protein like 2	1.35E-01	NS	2.92E-01	NS	2.65E-02	-1.4
A_64_P062725	XM_342217				3.30E-01	NS	9.72E-01	NS	3.23E-02	-1.4
A_43_P12821	NM_053482	85244	Spa17	sperm autoantigenic protein 17 microtubule associated monooxygenase, calponin and LIM domain containing 2	2.75E-01	NS	7.22E-01	NS	3.44E-02	-1.4
A_64_P004428	NM_001139508	365352	Mical2		1.86E-01	NS	9.42E-01	NS	2.57E-02	-1.4

A_44_P730251	NM_001127544	310791	Slc25a24	solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 24	2.53E-01	NS	8.02E-01	NS	4.47E-02	-1.4
A_44_P557474	NM_053742	114561	Pitpnb	phosphatidylinositol transfer protein, beta	8.16E-02	NS	3.43E-01	NS	1.12E-02	-1.4
A_64_P117914	NM_001110492	500030	Phf14	PHD finger protein 14	9.71E-01	NS	3.41E-01	NS	2.57E-02	-1.4
A_43_P17022	NM_001109122	498840	RGD1562552	similar to hypothetical protein LOC340061	7.03E-02	NS	9.59E-02	NS	3.16E-02	-1.4
A_64_P168845	XM_002726559				4.90E-01	NS	9.95E-02	NS	2.23E-02	-1.3
A_43_P14874	NM_024149	79117	Arf5	ADP-ribosylation factor 5	1.10E-01	NS	9.26E-01	NS	1.33E-02	-1.3
A_64_P312191	XM_001078700				4.57E-01	NS	8.13E-01	NS	4.72E-02	-1.3
A_43_P13090	NM_080888	140923	Bnip3l	BCL2/adenovirus E1B interacting protein 3-like	1.76E-01	NS	5.33E-01	NS	2.45E-02	-1.3
A_64_P044806	XM_001060537				8.70E-02	NS	4.76E-01	NS	1.70E-02	-1.3
A_42_P707099	XM_231287	311968	Mll5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)	2.09E-01	NS	7.72E-01	NS	1.35E-02	-1.3
A_64_P072548	NM_001134409	171149	Serpini2	serine (or cysteine) peptidase inhibitor, clade I, member 2	5.73E-01	NS	1.25E-01	NS	4.88E-02	-1.3
A_64_P065160	NM_022711	64677	Srd5a2	steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2)	3.40E-01	NS	2.11E-01	NS	4.39E-02	-1.3
A_42_P526728	XM_235942	315484	Bbs9	Bardet-Biedl syndrome 9	9.27E-02	NS	9.16E-01	NS	4.85E-02	-1.3
A_64_P102739	XM_001074151	690340	LOC690340	similar to spermatogenesis associated glutamate (E)-rich protein 4d	1.20E-01	NS	5.68E-01	NS	2.89E-02	-1.3
A_64_P004348	NM_022500	29292	Ftl	ferritin, light polypeptide	5.48E-02	NS	2.94E-01	NS	2.45E-02	-1.3
A_43_P17761	NM_001109094	498420	Etaa1	Ewing tumor-associated antigen 1	1.85E-01	NS	5.36E-01	NS	4.81E-02	-1.3
A_44_P216143	NM_001024269	360503	Luc7l	LUC7-like (S. cerevisiae)	1.14E-01	NS	7.95E-01	NS	1.55E-02	-1.3
A_44_P098767	NM_001047954	500028	LOC500028	hypothetical protein LOC500028	2.64E-01	NS	2.50E-01	NS	1.31E-02	-1.3
A_64_P033435	XM_575805				3.31E-01	NS	5.95E-01	NS	4.02E-02	-1.3
A_44_P475932	NM_001037496	363452	Otud5	OTU domain containing 5	5.67E-01	NS	7.30E-01	NS	3.32E-02	-1.3
A_64_P081421	NM_001108367	360993	Smek2	SMEK homolog 2, suppressor of mek1 (Dictyostelium)	7.74E-02	NS	6.83E-01	NS	1.28E-02	-1.3
A_42_P470966	BE098737				4.91E-01	NS	2.71E-01	NS	3.43E-02	-1.3
A_44_P410670	NM_001108069	314621	Stk11	serine/threonine kinase 11	9.75E-02	NS	8.87E-01	NS	4.31E-02	-1.3
A_64_P039853	NM_001025657	298681	Ssu72	SSU72 RNA polymerase II CTD phosphatase homolog (S. cerevisiae)	1.82E-01	NS	7.70E-02	NS	4.98E-02	-1.3
A_44_P1013485	NM_001024875	298712	RGD1307254	similar to RIKEN cDNA 1200011118	2.28E-01	NS	8.18E-02	NS	4.58E-02	-1.3
A_64_P112599	NM_133421	170946	Lkap	limkain b1	1.29E-01	NS	4.59E-01	NS	2.60E-02	-1.3
A_43_P10233	NM_001106563	296603	Vav2	vav 2 guanine nucleotide exchange factor	6.44E-01	NS	2.85E-01	NS	3.61E-02	-1.3
A_44_P432910	NM_012814	25282	Cox6a1	cytochrome c oxidase, subunit VIa, polypeptide 1	3.58E-01	NS	7.55E-01	NS	4.70E-02	-1.3
A_43_P11344	NM_001106031	290029	Np	nucleoside phosphorylase	1.87E-01	NS	7.01E-01	NS	2.03E-02	-1.3
A_64_P046998	NM_021264	57809	Rpl35a	ribosomal protein L35a	2.32E-01	NS	8.17E-01	NS	3.37E-02	-1.3
A_64_P281643	XM_001056606				9.59E-01	NS	6.58E-01	NS	3.56E-02	-1.3
A_64_P042219	NM_021659	59267	Syt7	synaptotagmin VII	9.27E-01	NS	6.72E-01	NS	3.89E-02	-1.3
A_64_P152149	NM_001006998	309147	Aldh3b1	aldehyde dehydrogenase 3 family, member B1	2.26E-01	NS	5.70E-01	NS	1.88E-02	-1.3
A_44_P637897	XM_001064606	685634	LOC685634	hypothetical protein LOC685634	6.18E-02	NS	5.44E-01	NS	1.33E-02	-1.3
A_64_P052166	XM_238213	679148	LOC679148	similar to delangin isoform A	5.43E-02	NS	4.06E-01	NS	1.44E-02	-1.3
A_64_P342349	XM_002727514				1.36E-01	NS	9.13E-01	NS	4.36E-02	-1.3
A_64_P063726	NM_001108095	314843	Ptprb	protein tyrosine phosphatase, receptor type, B	3.19E-01	NS	9.00E-01	NS	4.16E-02	-1.3
A_64_P124973	NM_001037441	29683	Klrc1	killer cell lectin-like receptor subfamily C, member 1	6.12E-01	NS	1.04E-01	NS	4.29E-02	-1.3
A_64_P084901	NM_031819	83720	Fat1	FAT tumor suppressor homolog 1 (Drosophila)	2.01E-01	NS	2.91E-01	NS	4.04E-02	-1.3
A_42_P802358	NM_001024341	500400	Fam110b	family with sequence similarity 110, member B	1.62E-01	NS	5.35E-01	NS	2.13E-02	-1.3
A_64_P108039	XM_001065029				3.34E-01	NS	2.90E-01	NS	4.04E-02	-1.3
A_64_P118753	NM_053662	114121	Ccn1	cyclin L1	1.54E-01	NS	2.32E-01	NS	3.86E-02	-1.3
A_64_P071500	NM_001009511	494230	V1r1l	vomer nasal 1 receptor, L1	8.86E-01	NS	8.91E-01	NS	2.67E-02	-1.3

A_44_P391537	XM_001059198	680856	LOC680856	similar to NEDD4-binding protein 1 (N4BP1)	6.83E-01	NS	8.86E-01	NS	1.98E-02	-1.3
A_64_P066483	NM_001100974	307398	RGD1560471	similar to hypothetical protein 4933429F08	3.53E-01	NS	7.96E-01	NS	4.17E-02	-1.3
A_64_P078538	XM_001061006	297113	Gars	glycyl-tRNA synthetase	1.05E-01	NS	1.62E-01	NS	2.30E-02	-1.3
A_44_P822616	XM_576312	170915	Ep300	E1A binding protein p300	2.14E-01	NS	3.95E-01	NS	3.47E-02	-1.3
A_44_P473754	NM_001170328	304092	Son	Son DNA binding protein	2.73E-01	NS	6.34E-01	NS	2.85E-02	-1.3
A_64_P091882	XM_002728984				3.55E-01	NS	4.05E-01	NS	4.21E-02	-1.3
A_64_P038567	XM_001064216	362376	Herc6	hect domain and RLD 6	1.85E-01	NS	7.07E-01	NS	2.83E-02	-1.3
A_64_P105565	NM_001106081	678743	Tll1	tolloid-like 1	3.95E-01	NS	9.22E-01	NS	2.73E-02	-1.3
				golgi-specific brefeldin A resistant guanine nucleotide exchange factor 1	1.13E-01	NS	6.93E-01	NS	2.03E-02	-1.3
A_64_P134250	XM_001066196	309451	Gbf1	von Willebrand factor C and EGF domains	9.64E-01	NS	1.71E-01	NS	1.48E-02	-1.3
A_64_P053822	XM_001074809	309209	Vwce	dispatched homolog 1 (Drosophila)	1.34E-01	NS	1.68E-01	NS	3.35E-02	-1.3
A_64_P002949	NM_001105983	289338	Disp1	anaphase promoting complex subunit 13	1.14E-01	NS	6.37E-02	NS	3.77E-02	-1.3
A_64_P067242	NM_001173983	685029	Anapc13	Ras and Rab interactor 2	2.10E-01	NS	6.60E-01	NS	1.12E-02	-1.3
A_44_P680341	NM_001107786	311494	Rin2	zinc metalloproteinase, STE24 homolog (S. cerevisiae)	6.12E-01	NS	3.90E-01	NS	3.38E-02	-1.3
A_64_P047562	NM_001107974	313564	Zmpste24	92Aa-Protein	1.12E-01	NS	8.83E-01	NS	1.46E-02	-1.3
A_64_P109925	NM_001009974	494529	LOC494529	protein tyrosine phosphatase, receptor type, R	9.38E-02	NS	7.95E-02	NS	2.02E-02	-1.3
A_43_P15228	NM_053594	94202	Ptprr	golgi reassembly stacking protein 1	6.93E-02	NS	5.51E-01	NS	3.07E-02	-1.3
A_64_P147973	NM_019385	56082	Gorasp1	coiled-coil domain containing 110	4.36E-01	NS	2.30E-01	NS	4.69E-02	-1.3
A_42_P841285	XM_214351	290755	Ccdc110	ribosomal protein L32	3.13E-01	NS	7.83E-01	NS	4.06E-02	-1.3
A_64_P084747	NM_013226	28298	Rpl32	GATA binding protein 2	3.86E-01	NS	4.51E-01	NS	2.11E-02	-1.3
A_44_P403866	NM_033442	25159	Gata2	Btf3l4 protein-like	2.99E-01	NS	7.10E-01	NS	4.45E-02	-1.3
A_64_P047083	XM_002726573	100364057	LOC100364057							
A_64_P119715	NM_001004222	293344	Arfp2	ADP-ribosylation factor interacting protein 2	1.16E-01	NS	1.82E-01	NS	4.30E-02	-1.3
A_42_P560894	NM_019138	25429	Cyp7b1	cytochrome P450, family 7, subfamily b, polypeptide 1	4.76E-01	NS	1.77E-01	NS	2.00E-02	-1.3
A_42_P513025	XM_343394				5.58E-01	NS	4.99E-01	NS	4.50E-02	-1.3
A_44_P538725	FQ225576	361449	Ppil4	peptidylprolyl isomerase (cyclophilin)-like 4	6.82E-02	NS	6.60E-01	NS	4.49E-02	-1.3
A_42_P590239	NM_001015027	362453	Crebl2	cAMP responsive element binding protein-like 2	2.16E-01	NS	4.60E-01	NS	4.98E-02	-1.3
A_64_P075484	XM_001078520	289633	RGD1563065	similar to 3110047P20Rik protein	6.99E-01	NS	7.54E-01	NS	4.64E-02	-1.3
A_44_P944998	NM_001168661	690344	LOC690344	similar to Protein UNQ655/PRO1286	1.67E-01	NS	9.15E-01	NS	2.81E-02	-1.3
				homolog precursor						
				diazepam binding inhibitor (GABA receptor modulator, acyl-Coenzyme A binding protein)	9.94E-02	NS	7.51E-01	NS	2.97E-02	-1.3
A_64_P022674	AY383701	25045	Dbi	similar to Spetex-2C protein	3.97E-01	NS	1.71E-01	NS	3.41E-02	-1.3
A_64_P098354	XM_001066867	688421	LOC688421	mesoderm induction early response 1						
A_64_P372717	NM_0011131012	313418	Mier1	homolog (Xenopus laevis)	7.19E-02	NS	7.57E-01	NS	4.98E-02	-1.3
				ADP-ribosylation factor GTPase activating protein 1	4.63E-01	NS	1.71E-01	NS	3.98E-02	-1.3
A_64_P010224	NM_145090	246310	Arfgap1	lysine-rich coiled-coil 1	8.43E-01	NS	6.48E-01	NS	2.00E-02	-1.3
A_44_P296631	NM_001009413	312437	Krcc1	glutathione S-transferase kappa 1	7.78E-02	NS	4.00E-01	NS	2.97E-02	-1.3
A_44_P369808	NM_181371	297029	Gstk1	adaptor-related protein complex 1						
				associated regulatory protein	4.46E-01	NS	8.44E-01	NS	3.95E-02	-1.3
A_44_P123908	XM_001076285	362037	Ap1ar	homeo box B4	1.44E-01	NS	5.42E-01	NS	1.87E-02	-1.3
A_64_P080439	NM_001100787	497988	Hoxb4	presenilin 1	6.87E-01	NS	6.60E-01	NS	3.56E-02	-1.3
A_64_P044315	NM_019163	29192	Psen1	similar to Ski protein	2.75E-01	NS	4.92E-01	NS	4.91E-02	-1.3
A_44_P1031479	XM_001077382	313757	RGD1565591	zinc finger homeobox 3	1.13E-01	NS	1.69E-01	NS	3.85E-02	-1.3
A_42_P782490	XM_226464	307829	Zfx3		5.66E-01	NS	8.16E-01	NS	4.10E-02	-1.3
A_64_P100013	XM_002724884				2.40E-01	NS	8.71E-02	NS	2.37E-02	-1.3
A_64_P015881	NM_001134687	362883	Slc35e3	solute carrier family 35, member E3	2.12E-01	NS	5.65E-01	NS	1.56E-02	-1.3
A_43_P10512	NM_001108887	364835	Sft2d3	SFT2 domain containing 3	2.12E-01	NS	5.65E-01	NS	1.56E-02	-1.3
A_64_P035192	NM_001170348	314473	Kif26a	kinesin family member 26A	1.66E-01	NS	9.08E-01	NS	1.99E-02	-1.3
A_64_P091464	NM_001014220	363269	Sp100	SP100 nuclear antigen	1.77E-01	NS	7.51E-01	NS	4.25E-02	-1.3
A_64_P161517	XM_002727181	685082	Zfp318	zinc finger protein 318	9.63E-02	NS	6.51E-01	NS	2.05E-02	-1.3
A_64_P130583	NM_001004282	362691	Tmem178	transmembrane protein 178	1.17E-01	NS	2.76E-01	NS	4.95E-02	-1.3

A_64_P037691	NM_001000864	405158	Olr1179	olfactory receptor 1179	7.09E-01	NS	8.44E-01	NS	3.13E-02	-1.3
A_44_P1053032	XM_001067775	364983	Rnf150	ring finger protein 150	5.95E-01	NS	4.53E-01	NS	3.84E-02	-1.3
A_64_P038323	NM_133602	171137	Khsrp	KH-type splicing regulatory protein	9.67E-01	NS	6.12E-01	NS	4.83E-02	-1.3
A_42_P528580	NM_001107528	308758	Hddc3	HD domain containing 3	1.61E-01	NS	6.35E-01	NS	2.59E-02	-1.3
A_42_P468231	NM_001024982	297516	Cpne9	copine family member IX dolichyl-phosphate mannosyltransferase	1.72E-01	NS	9.91E-01	NS	3.14E-02	-1.3
A_64_P014192	NM_001109331	502017	Dpm3	polypeptide 3	1.57E-01	NS	1.63E-01	NS	2.37E-02	-1.3
A_43_P13971	NM_031986	83841	Sdcbp	syndecan binding protein	1.23E-01	NS	2.75E-01	NS	1.43E-02	-1.3
A_44_P1047108	NM_024131	29318	Ddt	D-dopachrome tautomerase related RAS viral (r-ras) oncogene homolog 2	1.88E-01	NS	2.68E-01	NS	3.03E-02	-1.3
A_44_P108086	NM_001013434	365355	Rras2		4.70E-01	NS	1.36E-01	NS	2.12E-02	-1.3
A_44_P1046816	NM_031656	59074	Stx8	syntaxin 8	8.00E-02	NS	5.20E-01	NS	2.81E-02	-1.3
A_64_P155454	XR_085746	100363969	LOC100363969	zinc finger protein 457-like	4.41E-01	NS	4.66E-01	NS	2.42E-02	-1.3
A_64_P082964	NM_001106191	292064	Banp	Btg3 associated nuclear protein	1.40E-01	NS	5.08E-01	NS	2.56E-02	-1.3
A_44_P236306	NM_001100679	304495	Kdm2b	lysine (K)-specific demethylase 2B mitochondrial carrier homolog 1 (C. elegans)	6.21E-01	NS	3.64E-01	NS	4.16E-02	-1.3
A_64_P149225	NM_001100833	294313	Mtch1		9.89E-02	NS	6.62E-01	NS	4.32E-02	-1.3
A_44_P1013113	XM_001058020	298247	Mysm1	myb-like, SWIRM and MPN domains 1	4.04E-01	NS	7.39E-01	NS	3.91E-02	-1.3
A_64_P008453	XM_001064240	688463	LOC688463	hypothetical protein LOC688463	2.32E-01	NS	9.49E-01	NS	4.79E-02	-1.3
A_64_P052422	XM_001071098	500572	Otud3	OTU domain containing 3	3.00E-01	NS	9.91E-02	NS	4.47E-02	-1.3
A_64_P028627	XR_007603				4.97E-01	NS	5.56E-01	NS	3.34E-02	-1.3
A_64_P019087	XM_001075890	315112	Foxred2	FAD-dependent oxidoreductase domain containing 2 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1	6.81E-01	NS	3.96E-01	NS	4.33E-02	-1.3
A_64_P140592	NM_001108813	363441	Ndufa1		1.89E-01	NS	2.04E-01	NS	2.87E-02	-1.3
A_64_P041601	NM_001106502	296121	Usp8	ubiquitin specific peptidase 8	1.10E-01	NS	3.04E-01	NS	2.18E-02	-1.3
A_42_P464378	NM_017351	50693	Itih3	inter-alpha trypsin inhibitor, heavy chain 3 protein tyrosine phosphatase domain containing 1	1.01E-01	NS	5.99E-01	NS	3.58E-02	-1.3
A_44_P538970	NM_001106104	291022	Ptpdc1	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1	1.09E-01	NS	3.74E-01	NS	4.99E-02	-1.3
A_64_P146619	NM_001044275	679532	Elov1		2.41E-01	NS	3.04E-01	NS	4.49E-02	-1.3
A_64_P006728	NM_001108905	365179	Znf524	zinc finger protein 524	1.70E-01	NS	4.70E-01	NS	3.53E-02	-1.3
A_64_P012661	U41183				5.65E-02	NS	1.78E-01	NS	3.41E-02	-1.3
A_64_P101130	NM_013165	25706	Cckbr	cholecystokinin B receptor tensin like C1 domain containing	6.59E-01	NS	2.15E-01	NS	4.75E-02	-1.3
A_64_P030474	NM_001108114	315326	Tenc1	phosphatase (tensin 2) similar to chromosome 7 open reading frame 30	2.75E-01	NS	7.95E-01	NS	1.21E-02	-1.3
A_42_P628764	NM_001106593	297082	RGD1306936		2.44E-01	NS	7.08E-01	NS	3.79E-02	-1.3
A_64_P088136	EU295527				6.82E-01	NS	7.62E-01	NS	4.58E-02	-1.3
A_42_P711589	NM_022948	65042	Sfxn3	sideroflexin 3	4.50E-01	NS	3.74E-01	NS	3.71E-02	-1.3
A_43_P10076	NM_031665	60562	Stx6	syntaxin 6 nuclear receptor subfamily 2, group F, member 6	1.01E-01	NS	7.50E-01	NS	2.93E-02	-1.3
A_64_P138659	NM_139113	245980	Nr2f6		5.15E-02	NS	6.66E-01	NS	3.56E-02	-1.3
A_44_P874109	AI013853				1.52E-01	NS	8.16E-01	NS	3.06E-02	-1.3
A_64_P009843	NM_172036	58974	Gabarap	GABA(A) receptor-associated protein	5.90E-02	NS	2.24E-01	NS	4.84E-02	-1.3
A_64_P142320	NM_001142962	499563	Zfp458	zinc finger protein 458	1.39E-01	NS	6.37E-01	NS	4.47E-02	-1.3
A_44_P379891	NM_001025672	305910	Pspc1	paraspeckle component 1	6.12E-01	NS	7.08E-01	NS	4.51E-02	-1.3
A_64_P068062	NM_199412	365567	Cbara1	calcium binding atopy-related autoantigen 1 acyl-Coenzyme A binding domain containing 5	1.21E-01	NS	5.65E-01	NS	1.70E-02	-1.3
A_43_P18918	NM_001077635	307170	Acbd5		3.87E-01	NS	3.76E-01	NS	4.98E-02	-1.3
A_64_P129965	NM_001000118	293083	Olr20	olfactory receptor 20 nicotinate phosphoribosyltransferase domain containing 1	3.01E-01	NS	9.32E-02	NS	4.61E-02	-1.3
A_44_P1049252	NM_207609	315085	Naprt1	STAR-related lipid transfer (START) domain containing 3	5.13E-02	NS	3.80E-01	NS	2.95E-02	-1.3
A_44_P419168	NM_001014229	363675	Stard3		2.94E-01	NS	4.69E-01	NS	2.99E-02	-1.3
A_43_P11432	NM_012489	24157	Acaa1	acetyl-Coenzyme A acyltransferase 1	2.89E-01	NS	9.41E-01	NS	4.06E-02	-1.3
A_44_P1018997	NM_001009631	289196	Tmco1	transmembrane and coiled-coil domains 1	1.10E-01	NS	3.22E-01	NS	4.90E-02	-1.3

A_44_P354573	NM_001025419	360564	Tax1bp3	Tax1 (human T-cell leukemia virus type I) binding protein 3	3.27E-01	NS	9.27E-01	NS	2.28E-02	-1.3
A_64_P164876		25254	Dspp	dentin sialophosphoprotein	6.51E-01	NS	4.36E-01	NS	4.93E-02	-1.3
A_64_P122429	NM_021264	57809	Rpl35a	ribosomal protein L35a	3.03E-01	NS	9.99E-01	NS	4.92E-02	-1.3
A_44_P1057074	NM_001127535	303617	Falz	fetal Alzheimer antigen	9.56E-02	NS	5.12E-02	NS	4.41E-02	-1.3
A_44_P428651	NM_001106549	296456	Itgav	integrin, alpha V	7.96E-01	NS	5.09E-01	NS	3.34E-02	-1.3
A_64_P322881	NM_133397	170909	Erg	v-ets erythroblastosis virus E26 oncogene homolog (avian)	5.54E-02	NS	2.26E-01	NS	4.44E-02	-1.3
A_64_P023255	NM_022384	64186	Ascl1	achaete-scute complex homolog 1 (Drosophila)	1.68E-01	NS	6.46E-01	NS	2.83E-02	-1.3
A_64_P099269	NM_001135260	499690	Tmem167b	transmembrane protein 167B	1.21E-01	NS	3.35E-01	NS	4.41E-02	-1.3
A_43_P15602	NM_134391	171412	Defb22	defensin beta 22	6.51E-02	NS	5.79E-01	NS	2.39E-02	-1.3
A_43_P15261	NM_013131	25672	Nr3c2	nuclear receptor subfamily 3, group C, member 2	2.58E-01	NS	8.71E-01	NS	4.57E-02	-1.3
A_44_P156521	NM_001025135	497995	Krtap1-5	keratin associated protein 1-5	4.61E-01	NS	4.92E-01	NS	3.01E-02	-1.3
A_42_P529690	NM_001173510	312192	Ahcy12	adenosylhomocysteinase-like 2	1.18E-01	NS	5.07E-01	NS	1.50E-02	-1.3
A_44_P1018684	NM_001170601	498351	Srp72	signal recognition particle 72	6.57E-02	NS	7.74E-01	NS	2.51E-02	-1.3
A_44_P653818	NM_001122677	304695	Zochc2	zinc finger, CCHC domain containing 2 similar to dimerization cofactor of hepatocyte nuclear factor 1 (HNF1) from muscle	3.94E-01	NS	9.31E-01	NS	3.81E-02	-1.3
A_64_P054743	XM_002725231	685729	LOC685729	muscle	3.37E-01	NS	5.16E-01	NS	3.95E-02	-1.3
A_42_P672217	NM_138508	25541	Scp2	sterol carrier protein 2	1.89E-01	NS	4.45E-01	NS	2.95E-02	-1.3
A_64_P081292	NM_212542	294207	Ppp1r11	protein phosphatase 1, regulatory (inhibitor) subunit 11	1.29E-01	NS	8.48E-02	NS	4.90E-02	-1.3
A_44_P975945	NM_001108494	361614	Fam168a	family with sequence similarity 168, member A	1.40E-01	NS	2.64E-01	NS	3.33E-02	-1.3
A_64_P016484	NM_001106886	301230	RGD1565959	RGD1565959	4.11E-01	NS	3.63E-01	NS	3.01E-02	-1.3
A_64_P103493	BC168677				6.71E-01	NS	9.03E-01	NS	2.58E-02	-1.3
A_44_P757980	NM_001033069	361845	Eif4ebp2	eukaryotic translation initiation factor 4E binding protein 2	8.18E-01	NS	1.24E-01	NS	3.15E-02	-1.3
A_64_P126939	NM_001107982	313598	Zmym4	zinc finger, MYM-type 4	4.61E-01	NS	7.51E-01	NS	3.45E-02	-1.3
A_64_P104348	NM_053689	114300	Gtppb4	GTP binding protein 4	8.62E-02	NS	9.87E-01	NS	2.40E-02	-1.3
A_64_P077089	NM_172017	171441	Yif1	Yip1 interacting factor homolog (S. cerevisiae)	8.96E-02	NS	4.58E-01	NS	3.45E-02	-1.3
A_43_P16717	XM_001053609	306998	Cdc215	cell division cycle 2-like 5 (cholinesterase-related cell division controller)	2.49E-01	NS	6.31E-01	NS	2.81E-02	-1.3
A_42_P786203	XM_218939	308839	Rsf1	remodeling and spacing factor 1	3.71E-01	NS	6.02E-01	NS	3.95E-02	-1.3
A_44_P518176	XM_001060245	291034	Ccdc90a	coiled-coil domain containing 90A	9.44E-01	NS	7.49E-01	NS	4.00E-02	-1.3
A_64_P042027	XM_001055923	502118	RGD1565598	similar to serine/threonine kinase	2.04E-01	NS	9.36E-01	NS	3.72E-02	-1.3
A_64_P119675	NM_138875	24518	Jund	jun D proto-oncogene	3.35E-01	NS	3.24E-01	NS	4.08E-02	-1.3
A_64_P101013	AY325145				8.69E-02	NS	7.00E-02	NS	1.69E-02	-1.3
A_64_P126335	NM_001109105	498559	Commd6	COMM domain containing 6	1.88E-01	NS	6.91E-01	NS	4.88E-02	-1.3
A_64_P047367	NM_017050	24786	Sod1	superoxide dismutase 1, soluble	6.42E-02	NS	4.36E-01	NS	4.45E-02	-1.3
A_64_P024853	NM_001109875	301468	Crygb	crystallin, gamma B	3.75E-01	NS	7.63E-01	NS	3.20E-02	-1.3
A_44_P224631	NM_053626	114027	Dao	D-amino-acid oxidase	8.88E-02	NS	2.88E-01	NS	4.08E-02	-1.3
A_64_P035832	XM_001057248				1.84E-01	NS	7.09E-01	NS	4.94E-02	-1.3
A_64_P021367	NM_001100560	304157	Nrip1	nuclear receptor interacting protein 1	2.32E-01	NS	6.52E-01	NS	1.58E-02	-1.3
A_64_P054276	NM_001108381	361054	Ebpl	emopamil binding protein-like	6.61E-02	NS	9.59E-01	NS	4.56E-02	-1.3
A_64_P080747	NM_153736	266782	Prl3a1	Prolactin family 3, subfamily a, member 1	7.71E-01	NS	5.09E-02	NS	3.38E-02	-1.3
A_44_P1019654	NM_001106910	301382	Ercc5	excision repair cross-complementing rodent repair deficiency, complementation group 5 adaptor-related protein complex 2, alpha 2 subunit	1.68E-01	NS	8.71E-01	NS	2.87E-02	-1.3
A_64_P165361	NM_031008	81637	Ap2a2	subunit	5.75E-02	NS	2.32E-01	NS	3.86E-02	-1.3
A_64_P122432	NM_001106636	297890	Bsdc1	BSD domain containing 1	5.03E-01	NS	5.39E-01	NS	3.72E-02	-1.3
A_64_P090244	NM_001127449	287876	Actg1	actin, gamma 1	1.15E-01	NS	7.21E-01	NS	3.37E-02	-1.3
A_64_P034501	NM_001103356	100125364	LOC100125364	hypothetical protein LOC100125364	9.54E-01	NS	9.60E-01	NS	3.26E-02	-1.3
A_42_P783550	NM_001107348	306873	Rreb1	ras responsive element binding protein 1	1.27E-01	NS	2.21E-01	NS	2.70E-02	-1.3

A_64_P070553	XM_001059991	500697	RGD1565693	similar to GLE1-like, RNA export mediator isoform 1	4.65E-01	NS	4.26E-01	NS	3.73E-02	-1.3
A_44_P1036534	NM_001017377	302967	Paqr4	progesterin and adipoQ receptor family member IV	1.57E-01	NS	9.68E-02	NS	4.20E-02	-1.3
A_44_P171440	NM_138828	25728	Apoe	apolipoprotein E	7.84E-01	NS	8.66E-02	NS	4.07E-02	-1.3
A_42_P652827	NM_001024274	362129	Gtdc1	glycosyltransferase-like domain containing 1	2.74E-01	NS	6.93E-01	NS	4.36E-02	-1.3
A_42_P827013	NM_001173528	309678	Trappc10	trafficking protein particle complex 10	1.35E-01	NS	3.73E-01	NS	4.92E-02	-1.3
A_64_P065902	NM_001170404	360775	Zfp157	zinc finger protein 157	3.13E-01	NS	5.59E-01	NS	2.98E-02	-1.3
A_64_P011156	NM_053843	116591	Fcgr2a	Fc fragment of IgG, low affinity IIa, receptor (CD32)	2.37E-01	NS	3.93E-01	NS	4.04E-02	-1.3
A_64_P110690	NM_001108513	361689	Unc93b1	unc-93 homolog B1 (C. elegans)	1.28E-01	NS	2.15E-01	NS	2.64E-02	-1.3
A_64_P151989	XM_002726646	100365546	LOC100365546	rCG30673-like	1.27E-01	NS	6.76E-01	NS	4.13E-02	-1.3
A_44_P294658	NM_024377	79218	Gng5	guanine nucleotide binding protein (G protein), gamma 5	4.34E-01	NS	8.92E-01	NS	4.95E-02	-1.3
A_64_P140174	XM_001069011	498701	RGD1566359	similar to RIKEN cDNA B230219D22	3.34E-01	NS	8.97E-01	NS	4.78E-02	-1.3
A_64_P117398	NM_001136162	292095	Ttc13	tetratricopeptide repeat domain 13	8.72E-01	NS	8.79E-02	NS	4.17E-02	-1.3
A_64_P157723	NM_001013045	288593	Ccl24	chemokine (C-C motif) ligand 24	8.08E-01	NS	4.44E-01	NS	3.77E-02	-1.3
A_44_P576351	NM_001108342	360833	Kdsr	3-ketodihydrosphingosine reductase	5.12E-01	NS	8.59E-01	NS	4.09E-02	-1.3
A_64_P130628	XR_006670	298138	LOC298138	similar to RAS and EF hand domain containing	1.13E-01	NS	9.46E-01	NS	4.29E-02	-1.3
A_64_P153502	NM_001109663	301579	Armc9	armadillo repeat containing 9	7.51E-01	NS	7.37E-01	NS	4.12E-02	-1.3
A_64_P112440	XM_002726310				8.57E-01	NS	5.74E-01	NS	3.64E-02	-1.3
A_44_P1006056	XM_001062937				2.85E-01	NS	8.81E-01	NS	4.03E-02	-1.2
A_64_P003679	FQ223342				1.77E-01	NS	3.72E-01	NS	3.22E-02	-1.2
A_64_P104237	NM_001108315	360702	Ttc3	tetratricopeptide repeat domain 3	2.60E-01	NS	9.60E-01	NS	4.53E-02	-1.2
A_64_P049432	XM_002730083	100361198	LOC100361198	rCG43589-like	1.44E-01	NS	4.37E-01	NS	3.44E-02	-1.2
A_64_P137818	XM_001056259	301510	Rufy4	RUN and FYVE domain containing 4	8.21E-02	NS	8.22E-01	NS	4.01E-02	-1.2
A_44_P1046713	NM_001108449	361407	Cog4	component of oligomeric golgi complex 4	1.41E-01	NS	2.02E-01	NS	4.10E-02	-1.2
A_64_P126080	NM_001008374	361940	Pgrmc2	progesterone receptor membrane component 2	2.78E-01	NS	7.82E-01	NS	2.42E-02	-1.2
A_42_P534021	NM_001107652	310097	Snx18	sorting nexin 18	2.19E-01	NS	7.58E-01	NS	3.01E-02	-1.2
A_64_P153639	NM_001106901	301345	Cnnm3	cyclin M3	2.32E-01	NS	3.71E-01	NS	4.71E-02	-1.2
A_64_P153070	NM_001100804	652929	Cd99	CD99 antigen	3.19E-01	NS	2.71E-01	NS	4.49E-02	-1.2
A_44_P522388	NM_017323	50659	Nr2c2	nuclear receptor subfamily 2, group C, member 2	1.57E-01	NS	8.94E-01	NS	2.87E-02	-1.2
A_44_P281328	NM_001012159	361176	Upf3a	UPF3 regulator of nonsense transcripts homolog A (yeast)	2.97E-01	NS	6.36E-01	NS	4.32E-02	-1.2
A_64_P059437	XM_001060013				9.27E-02	NS	3.46E-01	NS	3.89E-02	-1.2
A_64_P035915	NM_001170471	305955	Zc3h13	zinc finger CCCH type containing 13	1.91E-01	NS	6.22E-01	NS	4.29E-02	-1.2
A_64_P064786	XM_001063881				3.71E-01	NS	5.54E-01	NS	4.30E-02	1.2
A_64_P258485	NM_031020	81649	Mapk14	mitogen activated protein kinase 14	4.08E-01	NS	9.86E-01	NS	4.88E-02	1.2
A_64_P044583	NM_031579	29463	Ptp4a1	protein tyrosine phosphatase 4a1	9.60E-01	NS	9.59E-01	NS	4.28E-02	1.2
A_44_P282853	NM_031983	83833	Smarcd2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2	1.90E-01	NS	5.03E-01	NS	4.02E-02	1.2
A_64_P119199	XM_001057394	500304	RGD1561270	similar to Zinc finger protein 248	2.57E-01	NS	8.02E-01	NS	3.13E-02	1.3
A_44_P379991	XM_212955	295660	RGD1564400	similar to Eukaryotic translation initiation factor 5 (eIF-5)	1.42E-01	NS	3.19E-01	NS	3.56E-02	1.3
A_44_P363549	NM_001107367	307148	Nsun6	NOL1/NOP2/Sun domain family, member 6	7.83E-01	NS	2.45E-01	NS	4.46E-02	1.3
A_42_P637618	NM_001108261	360461	RGD1305823	similar to RIKEN cDNA 0610037P05	2.73E-01	NS	4.32E-01	NS	4.95E-02	1.3
A_44_P277068	XM_001064690	301438	RGD1562399	similar to 40S ribosomal protein S2	9.58E-01	NS	7.19E-01	NS	4.58E-02	1.3
A_64_P055843	NM_001007632	294512	Ascc1	activating signal cointegrator 1 complex subunit 1	7.24E-01	NS	7.41E-01	NS	4.61E-02	1.3
A_44_P452114	NM_001109968	24398	Gls	glutaminase	4.50E-01	NS	6.30E-01	NS	4.33E-02	1.3
A_44_P456483	NM_138866	192234	Eif2b5	eukaryotic translation initiation factor 2B, subunit 5 epsilon	5.87E-02	NS	9.12E-01	NS	2.99E-02	1.3
A_44_P113141	FQ227921				8.78E-01	NS	3.88E-01	NS	2.05E-02	1.3

A_44_P342451	NM_001033063	291317	Rpp38	ribonuclease P/MRP 38 subunit (human)	1.58E-01	NS	2.71E-01	NS	2.82E-02	1.3
A_64_P128180	NM_133539	171061	Mrpl17	mitochondrial ribosomal protein L17	4.06E-01	NS	7.85E-01	NS	4.22E-02	1.3
A_64_P061286	NM_024351	24468	Hspa8	heat shock protein A8	1.37E-01	NS	3.15E-01	NS	4.39E-02	1.3
A_64_P076900	NM_001106779	299730	Nedd1	neural precursor cell expressed, developmentally down-regulated 1	3.01E-01	NS	3.96E-01	NS	4.82E-02	1.3
A_64_P143840	NM_001100472	114839	Ccnc	cyclin C	3.38E-01	NS	9.70E-01	NS	4.77E-02	1.3
A_42_P784202	XM_220512	287361	Znf496	zinc finger protein 496	9.13E-01	NS	1.40E-01	NS	3.50E-02	1.3
A_64_P137330	NM_001106603	297406	Cct7	chaperonin containing Tcp1, subunit 7 (eta)	1.68E-01	NS	8.13E-02	NS	2.80E-02	1.3
A_64_P157446	NM_001107410	307645	Gpr114	G protein-coupled receptor 114	8.56E-01	NS	6.46E-01	NS	4.45E-02	1.3
A_44_P1057763	NM_053576	94167	Prdx6	peroxiredoxin 6	2.95E-01	NS	6.64E-01	NS	4.31E-02	1.3
A_44_P447623	NM_031325	83472	Ugdh	UDP-glucose dehydrogenase	1.30E-01	NS	1.81E-01	NS	4.18E-02	1.3
A_44_P853647	NM_001025114	294568	Wasf1	WAS protein family, member 1	2.66E-01	NS	3.79E-01	NS	3.81E-02	1.3
A_64_P114373	NM_053885	116665	Rere	arginine-glutamic acid dipeptide (RE) repeats	2.76E-01	NS	1.17E-01	NS	4.67E-02	1.3
A_44_P557575	XM_217716				5.56E-01	NS	1.96E-01	NS	4.18E-02	1.3
A_64_P052464	XM_223075	289382	Ints7	integrator complex subunit 7	1.44E-01	NS	4.48E-01	NS	4.19E-02	1.3
A_64_P095900	NM_019339	54292	Rgs12	regulator of G-protein signaling 12	7.38E-01	NS	2.67E-01	NS	4.31E-02	1.3
A_64_P003286	NM_012984	25486	Myo9b	myosin IXb	2.73E-01	NS	5.08E-01	NS	3.73E-02	1.3
A_64_P015236	NM_001108827	363611	RGD1306000	similar to CG8043-PA zinc finger with UFM1-specific peptidase domain	9.47E-01	NS	1.21E-01	NS	4.44E-02	1.3
A_42_P529514	NM_001008308	294390	Zufsp	secretion regulating guanine nucleotide exchange factor	5.52E-01	NS	2.49E-01	NS	3.13E-02	1.3
A_44_P503699	XM_001080802	365243	Sergef		2.26E-01	NS	2.62E-01	NS	3.25E-02	1.3
A_64_P021806	NM_001015029	362607	Kpna6	karyopherin alpha 6 (importin alpha 7)	1.32E-01	NS	7.79E-01	NS	3.96E-02	1.3
A_42_P612939	NM_001107155	304581	Tmem119	transmembrane protein 119	1.65E-01	NS	1.08E-01	NS	4.87E-02	1.3
A_64_P048292	NM_001105809	287523	Dph1	DPH1 homolog (S. cerevisiae)	1.53E-01	NS	7.52E-01	NS	1.56E-02	1.3
A_44_P483000	XM_001071108	309673	Rrp1b	ribosomal RNA processing 1 homolog B (S. cerevisiae)	9.79E-01	NS	8.06E-01	NS	4.52E-02	1.3
A_44_P409645	NM_001004247	300744	Ubl7	ubiquitin-like 7 (bone marrow stromal cell-derived)	7.95E-02	NS	9.96E-01	NS	4.30E-02	1.3
A_44_P260201	NM_001107553	309002	Znf668	zinc finger protein 668	6.16E-02	NS	2.52E-01	NS	4.35E-02	1.3
A_44_P135896	NM_001127659	299851	Mars	methionine-tRNA synthetase	1.86E-01	NS	1.74E-01	NS	4.73E-02	1.3
A_64_P044345	NM_022401	64204	Plec	plectin	1.36E-01	NS	9.54E-01	NS	4.85E-02	1.3
A_42_P576454	NM_212508	361791	Nrm	nurim (nuclear envelope membrane protein)	9.03E-01	NS	9.63E-01	NS	2.71E-02	1.3
A_44_P393966	NM_001173554	362324	Mios	missing oocyte, meiosis regulator, homolog (Drosophila)	4.01E-01	NS	1.42E-01	NS	1.87E-02	1.3
A_44_P518259	NM_001106184	291999	Wwp2	WW domain containing E3 ubiquitin protein ligase 2	5.89E-01	NS	2.94E-01	NS	1.94E-02	1.4
A_44_P208091	NM_001009652	294846	Znf622	zinc finger protein 622	9.31E-01	NS	1.50E-01	NS	4.49E-02	1.4
A_42_P510203	NM_001170584	312703	Pex5	peroxisomal biogenesis factor 5	2.31E-01	NS	2.95E-01	NS	3.74E-02	1.4
A_64_P131086	NM_001015012	308821	Rab30	RAB30, member RAS oncogene family	5.30E-01	NS	3.58E-01	NS	2.11E-02	1.4
A_64_P100863	NM_001107999	313772	Acap3	ArfGAP with coiled-coil, ankyrin repeat and PH domains 3	1.52E-01	NS	4.73E-01	NS	2.39E-02	1.4
A_44_P127802	NM_001039455	361828	Cytsa	cytospin A	8.88E-01	NS	6.94E-01	NS	1.79E-02	1.4
A_64_P090518	XM_236296	315713	Pml	promyelocytic leukemia	7.33E-01	NS	9.40E-01	NS	4.85E-02	1.4
A_64_P024112	XR_005763	497952	LOC497952	similar to Ubiquitin-associated protein 2-like ubiquitin-conjugating enzyme E2, J2 (UBC6 homolog, yeast)	7.18E-02	NS	2.10E-01	NS	2.57E-02	1.4
A_64_P082949	NM_001007655	298689	Ube2j2	ubiquitin-conjugating enzyme E2, J2 (UBC6 homolog, yeast)	5.73E-01	NS	7.76E-01	NS	3.22E-02	1.4
A_64_P022447	NM_001107775	311423	Slc4a11	solute carrier family 4, sodium bicarbonate transporter-like, member 11	6.70E-01	NS	5.35E-01	NS	4.87E-02	1.4
A_44_P506635	NM_001047871	300994	lfrd2	interferon-related developmental regulator 2	1.59E-01	NS	6.49E-01	NS	3.55E-02	1.4
A_44_P269230	NM_001004283	362952	Eif3d	eukaryotic translation initiation factor 3, subunit D	7.16E-01	NS	8.05E-01	NS	4.31E-02	1.4
A_44_P332472	NM_133535	171057	Cbwd1	COBW domain containing 1	4.17E-01	NS	8.88E-01	NS	4.11E-02	1.4
A_64_P015402	NM_001014080	314432	Uba1	ubiquitin-like modifier activating enzyme 1	4.06E-01	NS	8.66E-01	NS	2.56E-02	1.4

A_64_P139058	NM_001106841	300852	Mto1	mitochondrial translation optimization 1 homolog (<i>S. cerevisiae</i>)	5.63E-01	NS	8.24E-01	NS	4.84E-02	1.4
A_64_P065776	NM_001127534	303372	Nle1	notchless homolog 1 (<i>Drosophila</i>)	8.00E-01	NS	3.78E-01	NS	3.74E-02	1.4
A_44_P443008	NM_001013068	293054	Mrp146	mitochondrial ribosomal protein L46	9.96E-01	NS	8.30E-01	NS	4.38E-02	1.4
A_42_P467956	NM_001134514	295678	Sestd1	SEC14 and spectrin domains 1	7.98E-01	NS	8.75E-02	NS	2.90E-02	1.4
A_42_P665139	NM_001107411	307657	Ogfd1	2-oxoglutarate and iron-dependent oxygenase domain containing 1	6.85E-01	NS	5.59E-01	NS	3.22E-02	1.4
A_44_P506169	NM_001013193	361655	Tial1	Tia1 cytotoxic granule-associated RNA binding protein-like 1	6.54E-01	NS	6.45E-01	NS	2.78E-02	1.4
A_44_P452024	NM_198789	363232	Bzw1	basic leucine zipper and W2 domains 1	8.49E-01	NS	2.88E-01	NS	2.37E-02	1.4
A_64_P375074	XM_001073035	360524	Zchc10	zinc finger, CCHC domain containing 10	2.19E-01	NS	7.65E-01	NS	2.82E-02	1.4
A_64_P024920	XR_008672				5.03E-01	NS	6.98E-01	NS	4.17E-02	1.4
A_44_P294055	NM_001014157	361452	Ltv1	LTV1 homolog (<i>S. cerevisiae</i>)	2.33E-01	NS	5.44E-01	NS	3.78E-02	1.4
A_64_P102430	NM_013173	25715	Slc11a2	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	4.36E-01	NS	4.80E-01	NS	2.27E-02	1.4
A_44_P255350	NM_001007674	303676	Slc25a19	solute carrier family 25 (mitochondrial thiamine pyrophosphate carrier), member 19	2.99E-01	NS	8.39E-01	NS	4.87E-02	1.4
A_44_P457521	XM_001056749	316731	Mettl4	methyltransferase like 4	1.35E-01	NS	9.34E-01	NS	2.47E-02	1.4
A_44_P547056	NM_001015023	361208	Rab24	RAB24, member RAS oncogene family	3.35E-01	NS	5.37E-01	NS	7.84E-03	1.4
A_64_P119567	NM_144738	246246	Pnpla7	patatin-like phospholipase domain containing 7	7.36E-01	NS	6.39E-01	NS	1.27E-02	1.4
A_64_P028088	NM_001106073	290647	Lsm4	LSM4 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>)	1.18E-01	NS	1.15E-01	NS	4.92E-02	1.4
A_44_P315661	NM_013134	25675	Hmgcr	3-hydroxy-3-methylglutaryl-Coenzyme A reductase	6.72E-01	NS	6.86E-01	NS	4.01E-02	1.4
A_64_P006538	XR_009637				1.81E-01	NS	5.90E-01	NS	2.56E-02	1.4
A_44_P974862	NM_001126288	362792	Pld4	phospholipase D family, member 4	9.69E-02	NS	2.54E-01	NS	3.73E-02	1.4
A_44_P108772	XM_233679	298652	Ube4b	ubiquitination factor E4B (UFD2 homolog, yeast)	6.55E-01	NS	7.74E-01	NS	4.48E-02	1.4
A_64_P129063	NM_001025725	361650	Hirip3	HIRA interacting protein 3	1.46E-01	NS	5.89E-02	NS	2.14E-02	1.4
A_44_P220256	NM_001106127	291355	Prtfdc1	phosphoribosyl transferase domain containing 1	6.26E-01	NS	9.06E-01	NS	1.50E-02	1.4
A_44_P186860	NM_030867	81525	Nfkbib	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta	1.79E-01	NS	4.10E-01	NS	2.29E-02	1.4
A_43_P18690	NM_001083624	305343	Pds5a	PDS5, regulator of cohesion maintenance, homolog A (<i>S. cerevisiae</i>)	2.47E-01	NS	5.38E-01	NS	1.78E-02	1.4
A_43_P21913	NM_001106468	295425	Usp53	ubiquitin specific peptidase 53	4.55E-01	NS	9.34E-01	NS	4.01E-02	1.4
A_44_P134865	NM_001134556	313056	Snmp40	small nuclear ribonucleoprotein 40 (U5)	1.74E-01	NS	5.88E-01	NS	4.00E-02	1.4
A_44_P352344	NM_021757	60376	Plrg1	pleiotropic regulator 1, PRL1 homolog (<i>Arabidopsis</i>)	5.88E-01	NS	1.52E-01	NS	3.24E-02	1.4
A_64_P022620	XM_240367	306366	RGD1563825	similar to ENSANGP00000020885	8.07E-01	NS	7.41E-01	NS	3.54E-02	1.4
A_64_P131618	NM_001107229	305464	Depdc5	DEP domain containing 5	1.65E-01	NS	3.82E-01	NS	3.04E-02	1.4
A_43_P15271	NM_017201	29443	Ahcy	adenosylhomocysteinase	2.57E-01	NS	4.62E-01	NS	2.44E-02	1.4
A_43_P17260	NM_001014172	361956	Rsrc1	arginine/serine-rich coiled-coil 1	5.56E-01	NS	8.88E-01	NS	4.38E-02	1.4
A_44_P249925	BC084702				3.17E-01	NS	3.87E-01	NS	3.97E-02	1.4
A_64_P057725	NM_001039014	301081	Zdhhc3	zinc finger, DHHC-type containing 3	8.16E-01	NS	2.68E-01	NS	3.44E-02	1.4
A_44_P181464	NM_001025027	363442	Fundc1	FUN14 domain containing 1	5.37E-01	NS	9.75E-01	NS	4.16E-02	1.4
A_64_P033994	NM_001039539	362741	Pax9	paired box 9	6.39E-01	NS	8.23E-01	NS	1.95E-02	1.4
A_64_P157005	NM_001008301	291796	Usp14	ubiquitin specific peptidase 14	7.08E-01	NS	8.23E-01	NS	2.60E-02	1.4
A_44_P417104	NM_001108387	361071	Sucla2	succinate-CoA ligase, ADP-forming, beta subunit	5.34E-01	NS	7.05E-01	NS	3.53E-02	1.4
A_42_P794130	NM_171993	64515	Cdc20	cell division cycle 20 homolog (<i>S. cerevisiae</i>)	1.94E-01	NS	2.62E-01	NS	3.69E-02	1.4
A_44_P214873	NM_024362	29657	Arntl	aryl hydrocarbon receptor nuclear translocator-like	5.91E-02	NS	5.85E-01	NS	4.57E-02	1.4
A_64_P073824	XM_219774				1.67E-01	NS	4.92E-01	NS	4.70E-02	1.4
A_42_P533865	NM_001127650	687561	Anks4b	ankyrin repeat and sterile alpha motif domain containing 4B	7.93E-01	NS	8.82E-01	NS	3.18E-02	1.4

A_44_P650944	NM_001126374	367838	Zc4h2	zinc finger, C4H2 domain containing NADH dehydrogenase (ubiquinone) Fe-S protein 8	4.42E-01	NS	7.61E-01	NS	4.71E-02	1.4
A_44_P132522	NM_001106322	293652	Ndufs8		2.60E-01	NS	8.87E-01	NS	4.15E-02	1.4
A_64_P094000	NM_001077648	313678	Prdm2	PR domain containing 2, with ZNF domain	2.16E-01	NS	8.91E-01	NS	4.52E-02	1.4
A_44_P246381	NM_001107080	303794	Dgcr6	DiGeorge syndrome critical region gene 6 general transcription factor IIH, polypeptide 1	5.21E-02	NS	9.86E-01	NS	4.36E-02	1.4
A_44_P461085	NM_001108485	361580	Gtf2h1		5.31E-01	NS	5.78E-01	NS	3.07E-02	1.4
A_43_P114368	XR_007549				8.54E-01	NS	3.73E-01	NS	1.22E-02	1.4
A_44_P356605	NM_001170590	296865	Las1l	LAS1-like (S. cerevisiae)	1.78E-01	NS	2.91E-01	NS	3.21E-02	1.5
A_44_P1017335	NM_001108607	362273	Cse1l	CSE1 chromosome segregation 1-like (yeast) similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp60)	3.68E-01	NS	8.99E-01	NS	4.38E-02	1.5
A_64_P021370	XM_229115	302797	RGD1563524		1.78E-01	NS	4.84E-01	NS	2.53E-02	1.5
A_44_P877059	NM_001106537	296349	Ttpal	tocopherol (alpha) transfer protein-like	3.28E-01	NS	3.65E-01	NS	4.00E-02	1.5
A_42_P528106	XM_343404	363073	Glce	glucuronic acid epimerase	4.53E-01	NS	3.55E-01	NS	9.22E-03	1.5
A_64_P150583	XR_085597	100365635	LOC100365635	ankyrin repeat domain 49-like	9.77E-01	NS	7.24E-01	NS	7.09E-03	1.5
A_43_P19502	NM_001108486	361588	Lrrc28	leucine rich repeat containing 28	4.18E-01	NS	7.53E-01	NS	4.99E-02	1.5
A_64_P068333	NM_001077671	313587	Zc3h12a	zinc finger CCCH type containing 12A	2.60E-01	NS	2.29E-01	NS	4.64E-02	1.5
A_64_P113404	NM_001109532	689314	Mapk11	mitogen-activated protein kinase 11	8.64E-01	NS	5.74E-01	NS	3.08E-02	1.5
A_44_P880152	NM_031553	25336	Nfyb	nuclear transcription factor-Y beta proteasome (prosome, macropain) subunit, beta type 7	9.41E-01	NS	9.03E-01	NS	4.60E-02	1.5
A_44_P250041	NM_053532	85492	Psbm7		4.99E-01	NS	6.55E-01	NS	2.31E-02	1.5
A_44_P1047615	NM_001127552	361554	Lsm14a	LSM14A, SCD6 homolog A (S. cerevisiae)	4.72E-01	NS	7.77E-01	NS	6.43E-03	1.5
A_44_P370335	NM_001011911	289707	Lyar	Ly1 antibody reactive homolog (mouse)	6.40E-01	NS	9.77E-01	NS	4.10E-02	1.5
A_42_P522285	NM_001044263	499617	Rfxap	regulatory factor X-associated protein	3.09E-01	NS	6.59E-01	NS	4.94E-02	1.5
A_44_P478436	XM_234348	299169	RGD1562299	similar to taube nuss ubiquitin-conjugating enzyme E2G 2 (UBC7 homolog, yeast)	4.70E-01	NS	7.38E-02	NS	2.17E-02	1.5
A_64_P082889	NM_001106380	294331	Ube2g2		4.97E-01	NS	7.90E-01	NS	4.91E-02	1.5
A_64_P123995	XR_008160				4.81E-01	NS	1.95E-01	NS	3.49E-02	1.5
A_43_P10744	NM_001014212	363099	Rsl24d1	ribosomal L24 domain containing 1	1.83E-01	NS	9.44E-01	NS	1.67E-02	1.5
A_44_P100980	NM_001108213	316344	Rev1	REV1 homolog (S. cerevisiae)	5.65E-01	NS	8.46E-01	NS	4.00E-02	1.5
A_64_P081762	NM_023027	65241	Secp43	tRNA selenocysteine associated protein	2.92E-01	NS	6.39E-01	NS	4.28E-02	1.5
A_44_P419676	NM_001127293	296957	Zc3hc1	zinc finger, C3HC-type containing 1	2.03E-01	NS	1.55E-01	NS	6.31E-03	1.5
A_44_P1040999	NM_001013108	300756	Arih1	ariadne ubiquitin-conjugating enzyme E2 binding protein homolog 1 (Drosophila)	3.27E-01	NS	9.52E-01	NS	4.54E-02	1.5
A_44_P533943	NM_080909	140945	Rtn3	reticulin 3	2.23E-01	NS	8.08E-01	NS	3.98E-02	1.5
A_44_P346426	NM_199410	363237	Wdr12	WD repeat domain 12	5.67E-01	NS	1.08E-01	NS	3.43E-02	1.5
A_44_P511359	NM_001108736	362838	Mum1	melanoma associated antigen (mutated) 1	6.84E-01	NS	6.38E-01	NS	4.14E-02	1.5
A_42_P454206	NM_001173354	315949	Armc8	armadillo repeat containing 8	7.30E-01	NS	4.02E-01	NS	2.58E-02	1.5
A_44_P505282	NM_012785	25249	Coq7	coenzyme Q7 homolog, ubiquinone (yeast)	9.97E-01	NS	7.42E-01	NS	1.15E-02	1.5
A_44_P250267	NM_017360	50998	Coil	coilin similar to NHP2-like protein 1 (High mobility group-like nuclear protein 2 homolog 1)	8.78E-01	NS	8.27E-01	NS	4.76E-02	1.5
A_64_P038612	XM_001053559	363514	RGD1566078		7.30E-01	NS	1.30E-01	NS	1.70E-02	1.5
A_44_P464196	NM_001012164	361383	Cd97	(Sperm specific antigen 1) CD97 molecule	1.29E-01	NS	6.43E-01	NS	3.88E-02	1.5
A_44_P777424	XM_002724806				6.10E-01	NS	6.18E-01	NS	1.45E-02	1.5
A_44_P522682	NM_024152	79121	Arf6	ADP-ribosylation factor 6 heat shock protein 90kDa alpha (cytosolic), class B member 1	3.44E-01	NS	7.51E-02	NS	4.16E-02	1.5
A_64_P140020	NM_001004082	301252	Hsp90ab1	MAP kinase-interacting serine/threonine kinase 1	3.63E-01	NS	7.35E-01	NS	1.02E-02	1.5
A_64_P041787	NM_001044267	500526	Mknk1		6.33E-02	NS	2.63E-01	NS	3.73E-02	1.5
A_64_P078484	NM_001006967	292028	Kars	lysyl-tRNA synthetase coiled-coil-helix-coiled-coil-helix domain containing 3	2.90E-01	NS	2.91E-01	NS	3.78E-02	1.5
A_64_P097769	NM_001106588	296966	Chchd3		6.86E-01	NS	2.94E-01	NS	4.45E-02	1.5
A_64_P082825	NM_183052	287927	Ube2v2	ubiquitin-conjugating enzyme E2 variant 2	3.11E-01	NS	5.34E-01	NS	4.69E-02	1.5
A_64_P083384	NM_148891	259274	Nmt1	N-myristoyltransferase 1	1.89E-01	NS	4.74E-01	NS	2.84E-02	1.5
A_64_P062368	NM_001079531	690050	Tpmt	thiopurine S-methyltransferase	1.35E-01	NS	2.73E-01	NS	4.93E-02	1.5
A_44_P513747	NM_001108086	314764	Eea1	early endosome antigen 1	3.18E-01	NS	6.73E-02	NS	3.13E-02	1.5

A_44_P293357	NM_001014098	316008	Ccdc51	coiled-coil domain containing 51	8.09E-01	NS	8.08E-01	NS	4.26E-02	1.5
A_64_P019077	NM_345868	84582	Hdac7	histone deacetylase 7	1.82E-01	NS	4.55E-01	NS	2.14E-02	1.5
A_64_P065882	NM_001106224	292588	Ube2s	ubiquitin-conjugating enzyme E2S	5.17E-01	NS	2.46E-01	NS	2.36E-02	1.5
A_44_P146893	NM_138911	192277	Stip1	stress-induced phosphoprotein 1	2.08E-01	NS	9.96E-01	NS	3.90E-02	1.5
A_43_P13337	NM_138911	192277	Stip1	stress-induced phosphoprotein 1	5.16E-01	NS	7.81E-01	NS	2.30E-02	1.5
A_44_P671320	NM_001008774	361230	Tmem170b	transmembrane protein 170B	6.94E-01	NS	5.27E-02	NS	3.54E-02	1.5
A_44_P405583	NM_001100752	362440	Ndufa9	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9	1.58E-01	NS	4.13E-01	NS	3.32E-02	1.5
A_64_P067678	NM_001062926	291133	Aldh5a1	aldehyde dehydrogenase 5 family, member A1	2.79E-01	NS	1.43E-01	NS	3.97E-02	1.5
A_64_P054097	NM_001107862	312373	Nt5c3	5'-nucleotidase, cytosolic III	4.31E-01	NS	7.83E-01	NS	1.86E-02	1.5
A_44_P241018	NM_022863	64831	Ireb2	iron responsive element binding protein 2	9.00E-01	NS	8.59E-01	NS	4.10E-02	1.5
A_44_P581181	NM_001106186	292016	Ftsjd1	FtsJ methyltransferase domain containing 1	5.67E-01	NS	1.88E-01	NS	4.32E-02	1.5
A_64_P112312	NM_031745	65201	Clip1	CAP-GLY domain containing linker protein 1	4.74E-01	NS	4.25E-01	NS	4.87E-02	1.5
A_44_P897591	NM_001106950	302495	LOC302495	hypothetical LOC302495	6.71E-01	NS	5.44E-01	NS	3.27E-02	1.5
A_44_P344346	NM_019289	54227	Arpc1b	actin related protein 2/3 complex, subunit 1B	8.58E-01	NS	9.56E-01	NS	3.10E-02	1.5
A_64_P009375	NM_053707	114499	Hdgf	hepatoma-derived growth factor	1.12E-01	NS	7.95E-01	NS	4.55E-02	1.5
A_64_P096580	XR_007696				5.39E-01	NS	8.75E-01	NS	3.13E-02	1.5
A_44_P192772	NM_001060344	498297	Cnst	consortin, connexin sorting protein	2.05E-01	NS	8.17E-01	NS	3.15E-02	1.5
A_43_P19988	NM_001107978	313581	RGD1559610	similar to CGI-94 protein	4.46E-01	NS	2.73E-01	NS	3.17E-02	1.5
A_64_P056415	NM_023025	65210	Cyp2j4	cytochrome P450, family 2, subfamily j, polypeptide 4	6.85E-01	NS	1.83E-01	NS	4.72E-02	1.5
A_42_P708541	NM_001106505	296134	Mrps5	mitochondrial ribosomal protein S5	6.52E-01	NS	2.59E-01	NS	3.16E-02	1.5
A_64_P121898	NM_001065765	361492	Pira2	paired-Ig-like receptor A2	7.63E-02	NS	1.05E-01	NS	4.10E-03	1.5
A_44_P222004	NM_013129	25670	Il15	interleukin 15	5.81E-01	NS	4.21E-01	NS	2.12E-02	1.5
A_44_P358828	NM_001055698	307489	Pcdhb13	protocadherin beta 13	8.49E-02	NS	1.59E-01	NS	4.76E-02	1.5
A_44_P354154	NM_001075875	361409	Rfwd3	ring finger and WD repeat domain 3	7.17E-01	NS	5.65E-01	NS	4.52E-02	1.5
A_44_P480636	NM_001005895	690693	Ddx19b	DEAD (Asp-Glu-Ala-As) box polypeptide 19B	6.06E-02	NS	8.68E-01	NS	2.31E-02	1.5
A_44_P450460	NM_001025024	362914	Wdyhv1	WDYHV motif containing 1	1.97E-01	NS	9.80E-01	NS	1.48E-02	1.5
A_44_P513530	NM_001107796	311598	Fam83d	family with sequence similarity 83, member D	1.81E-01	NS	3.47E-01	NS	1.11E-02	1.5
A_44_P354284	NM_001107973	313563	Dem1	defects in morphology 1 homolog (S. cerevisiae)	2.82E-01	NS	5.97E-01	NS	3.21E-02	1.6
A_42_P800852	NM_001134550	311115	RGD1565257	similar to zinc finger protein 650	8.98E-01	NS	7.82E-01	NS	4.01E-02	1.6
A_64_P106598	NM_212528	294279	Col11a2	collagen, type XI, alpha 2	9.39E-01	NS	7.51E-01	NS	2.74E-02	1.6
A_44_P313542	NM_019232	29517	Sgk1	serum/glucocorticoid regulated kinase 1	7.00E-02	NS	5.67E-01	NS	1.60E-02	1.6
A_42_P684281	XR_008784	500532	LOC500532	hypothetical LOC500532	7.44E-01	NS	5.11E-01	NS	4.78E-02	1.6
A_42_P832028	NM_001006978	297522	Sec13	SEC13 homolog (S. cerevisiae)	1.86E-01	NS	1.72E-01	NS	3.77E-02	1.6
A_44_P201796	NM_001173334	315023	Slc25a32	solute carrier family 25, member 32	4.05E-01	NS	4.58E-01	NS	6.94E-03	1.6
A_44_P550412	NM_001056331				7.86E-01	NS	8.93E-01	NS	1.20E-02	1.6
A_64_P079835	NM_001025726	361811	Srpk1	SFRS protein kinase 1	6.69E-01	NS	6.80E-01	NS	2.12E-02	1.6
A_42_P579376	NM_031609	50594	Nbl1	neuroblastoma, suppression of tumorigenicity 1	1.71E-01	NS	1.29E-01	NS	3.32E-02	1.6
A_64_P151191	NM_001108925	365388	Psmc13	proteasome (prosome, macropain) 26S subunit, non-ATPase, 13	9.70E-01	NS	2.45E-01	NS	4.51E-02	1.6
A_64_P123307	NM_001134957	362925	Zfat	zinc finger and AT hook domain containing processing of precursor 5, ribonuclease	1.88E-01	NS	6.87E-01	NS	4.32E-02	1.6
A_64_P121291	NM_001105752	117241	Pop5	P/MRP subunit (S. cerevisiae)	3.52E-01	NS	3.12E-01	NS	1.65E-02	1.6
A_42_P704824	NM_001009640	291987	Cirrh1a	cirrhosis, autosomal recessive 1A	8.98E-01	NS	7.16E-01	NS	2.71E-02	1.6
A_44_P225493	NM_145184	171329	Usp15	ubiquitin specific peptidase 15	2.61E-01	NS	2.14E-01	NS	2.84E-02	1.6
A_44_P974651	XR_001060786				1.72E-01	NS	4.02E-01	NS	3.72E-02	1.6
A_42_P839226	NM_001106775	299706	Nup37	nucleoporin 37	2.98E-01	NS	1.90E-01	NS	1.45E-02	1.6
A_42_P588041	NM_001033681	287444	Eif5a	eukaryotic translation initiation factor 5A	3.49E-01	NS	5.34E-01	NS	4.16E-02	1.6
A_44_P370267	NM_001106234	292710	Ethe1	ethylmalonic encephalopathy 1	5.45E-01	NS	6.96E-01	NS	3.23E-02	1.6
A_44_P253324	NM_001108014	313961	Smc6	structural maintenance of chromosomes 6	4.65E-01	NS	8.64E-01	NS	2.08E-02	1.6
A_44_P277876	NM_001011903	288617	Tpst1	tyrosylprotein sulfotransferase 1	5.50E-01	NS	2.67E-01	NS	4.00E-02	1.6

A_44_P382423	NM_001106666	298189	Bnc2	basonuclin 2	2.34E-01	NS	3.95E-01	NS	2.12E-02	1.6
A_44_P285390	NM_199386	299159	Atp6v1d	ATPase, H+ transporting, lysosomal V1 subunit D	1.78E-01	NS	1.04E-01	NS	4.55E-02	1.6
A_64_P041973	XM_221864				3.96E-01	NS	2.58E-01	NS	3.41E-02	1.6
A_64_P098319	NM_001106706	298782	Ttc27	tetratricopeptide repeat domain 27	3.05E-01	NS	4.69E-01	NS	2.02E-02	1.6
A_64_P050851	NM_012954	25446	Fosf2	fos-like antigen 2	1.69E-01	NS	4.16E-01	NS	4.84E-02	1.6
A_64_P010446	NM_001013205	679712	Myef2	myelin expression factor 2	8.99E-01	NS	8.91E-01	NS	3.13E-02	1.6
A_44_P333403	XM_238523				1.77E-01	NS	2.11E-01	NS	4.40E-02	1.6
A_44_P309398	NM_001077670	691947	Eif3j	eukaryotic translation initiation factor 3, subunit J	8.13E-01	NS	2.67E-01	NS	4.77E-02	1.6
A_64_P142122	XM_001074158	315746	Cin6	ceroid-lipofuscinosis, neuronal 6 transmembrane anterior posterior transformation 1	4.64E-01	NS	2.60E-01	NS	4.45E-02	1.6
A_64_P098991	XM_001059604	305386	Tapt1	adrenergic, beta, receptor kinase 1	6.40E-01	NS	1.32E-01	NS	2.90E-02	1.6
A_44_P491621	NM_012776	25238	Adrbk1	zinc finger protein 423	3.97E-01	NS	4.78E-01	NS	1.16E-02	1.6
A_44_P463831	NM_053583	94188	Zfp423		5.57E-01	NS	8.81E-01	NS	1.96E-02	1.6
A_64_P016398	XM_226326				7.02E-02	NS	4.54E-01	NS	3.43E-02	1.6
A_64_P113875	NM_001024292	499330	LOC499330	similar to Nicotinamide riboside kinase 1	5.94E-01	NS	1.97E-01	NS	1.19E-02	1.6
A_42_P520891	NM_001107529	308761	Prc1	protein regulator of cytokinesis 1	8.69E-02	NS	1.60E-01	NS	3.74E-02	1.6
A_44_P259516	M95735	24923	Stx1b	syntaxin 1B	1.39E-01	NS	8.31E-01	NS	2.18E-02	1.6
A_44_P229079	NM_017045	24708	Rb1	retinoblastoma 1	4.04E-01	NS	7.61E-01	NS	1.57E-02	1.6
A_64_P046452	XM_001060756				5.43E-01	NS	3.03E-01	NS	3.74E-02	1.6
A_42_P574588	NM_001131012	313418	Mier1	mesoderm induction early response 1 homolog (Xenopus laevis)	9.20E-01	NS	9.90E-02	NS	4.82E-02	1.6
A_44_P526933	NM_053357	84353	Ctnnb1	catenin (cadherin associated protein), beta 1	1.56E-01	NS	7.85E-01	NS	2.42E-02	1.6
A_64_P027404	NM_134351	171347	Mat2a	methionine adenosyltransferase II, alpha proteasome (prosome, macropain) 26S subunit, ATPase 3	1.71E-01	NS	2.44E-01	NS	2.61E-02	1.6
A_44_P223252	NM_031595	29677	Psmc3	malate dehydrogenase 1, NAD (soluble) similar to RING finger protein 11 (NEDD4)	4.90E-01	NS	9.79E-01	NS	2.34E-02	1.6
A_44_P324430	NM_033235	24551	Mdh1	WW domain-binding protein 2) (Sid 1669)	4.49E-01	NS	8.38E-01	NS	3.14E-02	1.6
A_64_P063330	XM_001067720	683844	LOC683844	tetratricopeptide repeat domain 7B	9.94E-01	NS	3.24E-01	NS	5.46E-03	1.6
A_42_P477625	NM_001108719	362768	Ttc7b	translocase of inner mitochondrial membrane 23 homolog (yeast)	3.76E-01	NS	2.54E-01	NS	4.41E-02	1.6
A_64_P144240	NM_019352	54312	Timm23	B-cell receptor-associated protein 29	1.49E-01	NS	1.62E-01	NS	3.68E-02	1.6
A_44_P183075	NM_001006980	298943	Bcap29	syntaxin binding protein 5 (tomosyn)	5.38E-01	NS	2.88E-01	NS	2.93E-02	1.6
A_44_P163189	NM_178345	81022	Stxbp5	leprecan-like 1	7.05E-01	NS	2.74E-01	NS	2.59E-02	1.6
A_44_P436604	NM_001025627	288016	Leprel1		2.83E-01	NS	1.19E-01	NS	2.23E-02	1.6
A_64_P128336	XM_223212				7.53E-02	NS	1.06E-01	NS	3.80E-02	1.6
A_44_P381069	NM_017073	24957	Glul	glutamate-ammonia ligase (glutamine synthetase)	7.71E-01	NS	7.95E-01	NS	4.25E-02	1.6
A_44_P100870	NM_001108697	362676	RGD1308251	similar to RIKEN cDNA 2810405K02	6.02E-01	NS	6.47E-01	NS	3.32E-02	1.6
A_42_P701991	NM_001100671	298757	Ati2	atlastin GTPase 2	7.07E-01	NS	2.81E-01	NS	8.21E-03	1.6
A_44_P1013048	NM_001025647	294667	RGD1310597	similar to RIKEN cDNA 1200014M14 family with sequence similarity 78, member A	5.25E-01	NS	1.41E-01	NS	2.39E-02	1.6
A_44_P974618	XM_001079857	499776	Fam78a	glutathione S-transferase omega 1	3.25E-01	NS	7.81E-02	NS	2.97E-02	1.6
A_44_P1025790	NM_001007602	114846	Gsto1		5.02E-01	NS	5.21E-01	NS	1.63E-02	1.6
A_42_P700753	FQ212883				3.55E-01	NS	2.39E-01	NS	4.99E-02	1.6
A_44_P606085	NM_001109217	499974	Nupl2	nucleoporin like 2	1.75E-01	NS	9.58E-01	NS	3.90E-02	1.6
A_64_P004771	XM_001080976				1.63E-01	NS	6.03E-02	NS	3.90E-02	1.7
A_44_P443412	NM_001029917	298787	Memo1	mediator of cell motility 1	9.96E-01	NS	5.52E-01	NS	4.01E-02	1.7
A_64_P260746	XR_008562				5.50E-01	NS	7.42E-02	NS	4.70E-02	1.7
A_64_P111460	NM_001107045	303499	Sp2	Sp2 transcription factor	2.97E-01	NS	8.28E-01	NS	4.01E-02	1.7
A_42_P703023	NM_145776	252919	Slc38a3	solute carrier family 38, member 3 CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1	1.25E-01	NS	6.52E-01	NS	3.98E-02	1.7
A_44_P144916	NM_001106131	291414	Ctdp1		1.18E-01	NS	1.48E-01	NS	2.86E-02	1.7
A_44_P877632	XM_002729016				1.58E-01	NS	9.77E-02	NS	2.85E-02	1.7
A_44_P508566	NM_001107195	304960	Olfml2b	olfactomedin-like 2B	7.70E-01	NS	1.92E-01	NS	4.69E-02	1.7
A_44_P1038266	XM_001057312	362528	Fkbp15	FK506 binding protein 15	1.23E-01	NS	9.08E-01	NS	4.98E-02	1.7
A_64_P105879	XM_220957				7.39E-02	NS	6.90E-01	NS	4.85E-03	1.7

A_64_P028773	NM_001108904	365176	Znf787	zinc finger protein 787	2.45E-01	NS	4.92E-01	NS	3.77E-02	1.7
A_42_P777329	NM_001106943	302415	Foxo4	forkhead box O4	4.76E-01	NS	4.12E-01	NS	4.03E-02	1.7
A_64_P055477	NM_019286	24172	Adh1	alcohol dehydrogenase 1 (class I) polymerase (RNA) III (DNA directed)	4.97E-01	NS	3.63E-01	NS	1.69E-02	1.7
A_44_P591437	NM_001031653	306012	Polr3d	polypeptide D	4.13E-01	NS	1.83E-01	NS	1.19E-02	1.7
A_64_P097764	NM_001108431	361326	Dtw2	DTW domain containing 2	7.41E-01	NS	6.03E-01	NS	3.71E-02	1.7
A_64_P037020	NM_001134754	362713	Seli	selenoprotein I	4.02E-01	NS	9.11E-01	NS	1.36E-03	1.7
A_64_P039112	NM_022210	60661	Max	MYC associated factor X	1.65E-01	NS	9.78E-01	NS	1.49E-02	1.7
A_64_P128852	NM_017163	29323	Slc6a18	solute carrier family 6, member 18	1.12E-01	NS	1.04E-01	NS	3.64E-02	1.7
A_64_P116665	NM_001017380	312937	Cyld	cyndromatosis (turban tumor syndrome)	6.43E-01	NS	5.16E-01	NS	2.89E-02	1.7
A_64_P034324	NM_001108282	360569	RGD1309077	similar to putative RNA methyltransferase	2.30E-01	NS	4.26E-01	NS	3.05E-02	1.7
A_64_P081536	NM_019196	29365	Mpdz	multiple PDZ domain protein	1.20E-01	NS	6.92E-01	NS	4.19E-02	1.7
A_64_P052887	XM_002730084				9.94E-01	NS	1.72E-01	NS	3.04E-02	1.7
A_44_P463530	NM_145081	246294	Optn	optineurin general transcription factor IIIC, polypeptide 3	8.05E-01	NS	3.72E-01	NS	4.50E-02	1.7
A_64_P013624	NM_001108239	316810	Gtf3c3		5.24E-01	NS	2.53E-01	NS	3.08E-02	1.7
A_42_P810313	NM_001108677	362591	Mtf1	metal-regulatory transcription factor 1 fasciculation and elongation protein zeta 1 (zygin I)	6.96E-01	NS	5.08E-01	NS	1.96E-02	1.7
A_44_P334953	NM_031066	81730	Fez1		8.93E-01	NS	3.94E-01	NS	3.92E-02	1.7
A_42_P463880	NM_001013927	297694	Plbd1	phospholipase B domain containing 1	2.02E-01	NS	3.26E-01	NS	4.48E-02	1.7
A_64_P006316	NM_001109387	680006	Mad11	MAD1 mitotic arrest deficient-like 1 (yeast)	9.92E-01	NS	6.97E-01	NS	2.72E-02	1.7
A_44_P531063	NM_031643	170851	Map2k1	mitogen activated protein kinase kinase 1	6.59E-01	NS	9.50E-01	NS	3.70E-02	1.7
A_64_P037264	NM_181386	353229	Sgms1	sphingomyelin synthase 1	1.65E-01	NS	1.70E-01	NS	4.90E-02	1.7
A_44_P135224	NM_022187	58936	Plk3	polo-like kinase 3 (Drosophila)	1.34E-01	NS	3.54E-01	NS	3.85E-02	1.7
A_42_P525886	NM_001105716	25061	Crabp1	cellular retinoic acid binding protein 1 chaperonin containing TCP1, subunit 2 (beta)	8.16E-01	NS	8.55E-01	NS	3.59E-02	1.7
A_44_P215794	NM_001005905	299809	Cct2		2.17E-01	NS	2.53E-01	NS	3.85E-02	1.7
A_44_P508434	NM_031522	24591	Neu1	sialidase 1 (lysosomal sialidase)	5.71E-01	NS	3.71E-01	NS	4.93E-02	1.7
A_64_P075630	XM_001076027	299625	Lmnb2	lamin B2	6.44E-01	NS	1.18E-01	NS	1.68E-02	1.7
A_64_P133632	NM_001134572	361224	RGD1306058	similar to RIKEN cDNA 1110007C09	7.69E-01	NS	2.53E-01	NS	3.76E-02	1.7
A_43_P12243	NM_022540	64371	Prdx3	peroxiredoxin 3	9.31E-01	NS	6.76E-01	NS	2.87E-02	1.7
A_64_P013491	NM_053638	114096	Idh3a	isocitrate dehydrogenase 3 (NAD+) alpha	2.68E-01	NS	4.35E-01	NS	4.30E-02	1.7
A_44_P193704	NM_001011932	293060	Btd1	BTB (POZ) domain containing 1 similar to suppressor of hairy wing homolog 4 isoform 1	8.53E-01	NS	8.00E-01	NS	4.06E-02	1.7
A_64_P001147	NM_001108165	315798	RGD1560796		6.77E-01	NS	5.75E-01	NS	5.28E-03	1.7
A_64_P076765	NM_013065	25594	Ppp1cb	protein phosphatase 1, catalytic subunit, beta isoform	8.08E-01	NS	9.56E-01	NS	2.48E-02	1.7
A_64_P124417	NM_053466	84598	Jak1	Janus kinase 1	1.34E-01	NS	8.89E-01	NS	3.50E-02	1.7
A_42_P636400	NM_138547	191574	Akr1c14	aldo-keto reductase family 1, member C14	1.17E-01	NS	3.39E-01	NS	1.91E-02	1.7
A_64_P015502	NM_013159	25700	Ide	insulin degrading enzyme	9.91E-01	NS	6.59E-01	NS	4.38E-02	1.7
A_64_P128874	NM_001025755	367620	MGC116197	similar to RIKEN cDNA 1700001E04 transient receptor potential cation channel, subfamily V, member 1	6.61E-01	NS	7.25E-02	NS	2.47E-02	1.7
A_64_P061740	NM_031982	83810	Trpv1		9.94E-01	NS	4.84E-01	NS	1.20E-02	1.7
A_64_P118950	NM_001024278	367171	Map4	microtubule-associated protein 4 chaperonin containing Tcp1, subunit 6A (zeta 1)	6.34E-02	NS	2.56E-01	NS	2.53E-02	1.7
A_64_P116163	NM_001033684	288620	Cct6a		5.92E-02	NS	9.51E-01	NS	1.83E-02	1.7
A_64_P070721	NM_053974	117045	Eif4e	eukaryotic translation initiation factor 4E ATP-binding cassette, sub-family B (MDR/TAP), member 7	4.82E-01	NS	6.47E-01	NS	2.27E-02	1.7
A_43_P21510	NM_212518	302395	Abcb7		9.02E-01	NS	4.80E-01	NS	6.82E-03	1.7
A_44_P295118	NM_001107228	305461	Fam53a	family with sequence similarity 53, member A methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1, methylenetetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase	5.27E-02	NS	6.44E-01	NS	3.72E-02	1.7
A_42_P481696	NM_022508	64300	Mthfd1	similar to Zinc finger protein 398 (Zinc finger DNA binding protein p52/p71)	5.86E-01	NS	4.70E-01	NS	1.61E-02	1.7
A_64_P029775	NM_001014056	312301	RGD1304879		1.53E-01	NS	6.92E-02	NS	7.45E-03	1.7
A_44_P274650	NM_001107968	313548	Znf691	zinc finger protein 691	9.89E-02	NS	8.44E-01	NS	4.51E-02	1.7

A_64_P075870	XM_001056555	316732	Smchd1	structural maintenance of chromosomes flexible hinge domain containing 1	9.28E-01	NS	5.74E-02	NS	2.46E-02	1.7
A_44_P790155	NM_001106869	301082	Cdcp1	CUB domain containing protein 1	8.73E-01	NS	7.55E-01	NS	3.25E-02	1.7
A_44_P279780	NM_001012459	29313	Clec11a	C-type lectin domain family 11, member a	6.75E-01	NS	3.89E-01	NS	4.07E-03	1.7
A_44_P379878	NM_001107257	305830	Fbxo34	F-box protein 34	9.40E-02	NS	9.31E-01	NS	1.59E-02	1.7
A_44_P1007438	NM_001044238	303407	Gdpd1	glycerophosphodiester phosphodiesterase domain containing 1	6.27E-01	NS	3.84E-01	NS	3.01E-02	1.7
A_44_P369399	NM_145774	252916	Rab38	RAB38, member RAS oncogene family	6.89E-01	NS	3.97E-01	NS	4.72E-02	1.7
A_64_P122153	NM_001109556	689931	Osap	ovary-specific acidic protein	9.76E-01	NS	8.78E-01	NS	2.47E-02	1.7
A_64_P033909	NM_183402	192147	Grin1a	glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A	7.46E-01	NS	1.14E-01	NS	4.81E-02	1.7
A_44_P367952	XM_223390				4.31E-01	NS	1.59E-01	NS	2.76E-02	1.7
A_44_P157078	NM_001106730	299050	RGD1305089	similar to 1110008L16Rik protein	4.27E-01	NS	1.51E-01	NS	2.97E-02	1.7
A_44_P558652	NM_001079892	317628	RGD1565983	similar to apurinic/aprimidinic endonuclease 2	5.72E-01	NS	8.12E-01	NS	3.16E-02	1.8
A_64_P135925	NM_022398	64201	Slc25a11	solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11	8.93E-02	NS	1.20E-01	NS	3.72E-02	1.8
A_64_P018726	NM_053420	84480	Bnip3	BCL2/adenovirus E1B interacting protein 3	7.21E-02	NS	1.93E-01	NS	4.97E-02	1.8
A_44_P248705	NM_001107114	304150	Usp25	ubiquitin specific peptidase 25	1.46E-01	NS	7.95E-01	NS	4.48E-02	1.8
A_44_P130641	NM_053331	79462	Txn2	thioredoxin 2	9.58E-02	NS	6.58E-01	NS	4.11E-02	1.8
A_44_P777173	NM_001013984	304860	Npl	N-acetylneuraminate pyruvate lyase	9.93E-01	NS	2.90E-01	NS	1.58E-02	1.8
A_64_P014727	NM_001139485	100196943	LOC100196943	glutathione S-transferase mu 3	2.72E-01	NS	7.98E-01	NS	1.34E-02	1.8
A_44_P412121	XM_001070873	259270	Zfp335	zinc finger protein 335	5.49E-01	NS	9.52E-01	NS	4.53E-02	1.8
A_44_P173156	NM_001106365	294018	Taf5	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor	4.73E-01	NS	9.21E-02	NS	6.09E-03	1.8
A_44_P999910	XM_223687	305583	Pus10	pseudouridylylase 10	5.50E-01	NS	2.37E-01	NS	8.14E-03	1.8
A_42_P522682	NM_001107838	311902	Rbm18	RNA binding motif protein 18	1.84E-01	NS	5.23E-01	NS	3.87E-02	1.8
A_64_P018964	NM_139327	117062	Hmga1	high mobility group AT-hook 1	1.20E-01	NS	1.35E-01	NS	2.71E-02	1.8
A_44_P511101	NM_001135757	361288	Fundc2	FUN14 domain containing 2	4.14E-01	NS	3.01E-01	NS	3.05E-02	1.8
A_64_P048408	NM_001008858	361787	RT1-T24-1	RT1 class I, locus T24, gene 1	2.24E-01	NS	9.62E-01	NS	3.37E-02	1.8
A_43_P17072	NM_001012040	305684	Samd8	sterile alpha motif domain containing 8	8.08E-02	NS	6.24E-01	NS	2.67E-02	1.8
A_44_P204207	NM_001105810	287525	Smyd4	SET and MYND domain containing 4	9.47E-02	NS	2.08E-01	NS	4.42E-02	1.8
A_44_P164007	XM_343060	362736	Hectd1	HECT domain containing 1	7.19E-01	NS	3.25E-01	NS	2.23E-02	1.8
A_64_P027449	NM_024142	79110	Mepe	matrix extracellular phosphoglycoprotein IMP (inosine monophosphate)	1.65E-01	NS	6.15E-01	NS	1.15E-02	1.8
A_44_P158420	NM_199099	301005	Impdh2	dehydrogenase 2	8.31E-01	NS	5.12E-01	NS	5.25E-03	1.8
A_64_P155584	XM_218807				7.58E-02	NS	5.29E-02	NS	3.16E-02	1.8
A_44_P896107	NM_001017502	498404	Ccdc117	coiled-coil domain containing 117	5.94E-01	NS	2.16E-01	NS	2.24E-02	1.8
A_44_P999488	NM_080897	140932	Bnip1	BCL2/adenovirus E1B interacting protein 1	8.41E-01	NS	4.08E-01	NS	4.97E-02	1.8
A_44_P548203	NM_053696	114488	Rbm3	RNA binding motif (RNP1, RRM) protein 3	1.72E-01	NS	5.69E-01	NS	3.47E-02	1.8
A_44_P532548	NM_001014120	360627	Fkbp10	FK506 binding protein 10	9.32E-02	NS	5.51E-01	NS	4.38E-02	1.8
A_42_P749550	NM_001109359	503035	Tmem229b	transmembrane protein 229B	2.71E-01	NS	1.79E-01	NS	3.65E-02	1.8
A_64_P130362	XM_001065735	500326	RGD1562216	similar to TEA domain family member 4 (ETF-related factor-2b)	2.26E-01	NS	8.43E-01	NS	2.62E-02	1.8
A_44_P1004840	NM_181384	353218	Tnfsf9	tumor necrosis factor (ligand) superfamily, member 9	2.56E-01	NS	2.45E-01	NS	4.10E-02	1.8
A_42_P752336	NM_017029	24588	Nefm	neurofilament, medium polypeptide	7.61E-01	NS	5.31E-01	NS	2.38E-02	1.8
A_64_P035483	NM_001000927	405246	Olr606	olfactory receptor 606	5.53E-01	NS	1.83E-01	NS	2.58E-02	1.8
A_44_P192244	NM_001107757	311299	Aven	apoptosis, caspase activation inhibitor	5.00E-01	NS	3.11E-01	NS	2.36E-02	1.8
A_64_P138405	XM_002726774				3.36E-01	NS	8.74E-01	NS	3.45E-02	1.8
A_64_P012939	NM_001013109	300799	Dapk2	death-associated kinase 2	1.44E-01	NS	1.14E-01	NS	2.63E-02	1.8
A_64_P084947	XM_001068086	363306	LOC363306	hypothetical protein LOC363306	2.96E-01	NS	2.09E-01	NS	9.33E-03	1.8
A_44_P400195	NM_053825	116550	Atp5c1	ATP synthase, H+ transporting, mitochondrial F1 complex, gamma polypeptide 1	2.48E-01	NS	3.38E-01	NS	1.18E-02	1.8
A_64_P034311	XM_220010				1.22E-01	NS	7.72E-02	NS	3.62E-02	1.8
A_42_P592205	NM_001134413	288707	Gltp	glycolipid transfer protein	1.40E-01	NS	5.61E-01	NS	1.05E-02	1.8
A_44_P284180	XM_237391				1.52E-01	NS	1.67E-01	NS	4.74E-02	1.8
A_44_P198535	NM_057103	83425	Akap12	A kinase (PRKA) anchor protein 12	4.95E-01	NS	6.06E-01	NS	4.33E-02	1.8
A_64_P082037	XM_001054805	679127	LOC679127	similar to Protein KIAA0690	7.21E-01	NS	7.40E-01	NS	2.80E-02	1.8

A_43_P18504	NM_031717	65157	Amotl2	angiominin like 2	1.02E-01	NS	3.11E-01	NS	2.78E-02	1.8
A_64_P090479	NM_001005889	315655	Rdx	radixin	3.08E-01	NS	4.06E-01	NS	3.20E-02	1.8
A_44_P1032296	NM_001013086	297339	Capg	capping protein (actin filament), gelsolin-like	3.74E-01	NS	4.65E-01	NS	4.40E-02	1.8
A_64_P178800	NM_219703	309252	Otud7a	OTU domain containing 7A	9.27E-01	NS	1.16E-01	NS	1.65E-02	1.8
A_44_P484755	NM_001004132	81741	Pctk1	PCTAIRE protein kinase 1	1.32E-01	NS	6.89E-01	NS	4.05E-02	1.8
A_64_P048183	NM_001169139	306575	Kcap2	cytoskeleton associated protein 2	2.89E-01	NS	5.70E-01	NS	4.12E-02	1.8
A_64_P025432	XR_005439	498829	LOC498829	Ab2-143	5.31E-01	NS	8.87E-01	NS	3.91E-02	1.8
A_44_P357338	NM_031579	29463	Ptp4a1	protein tyrosine phosphatase 4a1	6.89E-02	NS	9.44E-01	NS	3.21E-02	1.8
A_64_P067868	XM_226431	291958	B3gnt9	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9	5.78E-02	NS	9.67E-02	NS	4.95E-02	1.8
A_64_P030724	XR_009633				1.86E-01	NS	1.29E-01	NS	4.93E-02	1.8
A_43_P22225	NM_001107618	309659	Mdga1	MAM domain containing glycosylphosphatidylinositol anchor 1	1.88E-01	NS	1.92E-01	NS	3.05E-02	1.8
A_44_P183220	NM_001024793	360643	Cdc27	cell division cycle 27 homolog (S. cerevisiae)	6.00E-02	NS	9.34E-01	NS	5.27E-03	1.8
A_64_P105815	XM_224528				2.69E-01	NS	3.84E-01	NS	4.47E-02	1.8
A_42_P583690	NM_053950	117019	Eif2b4	eukaryotic translation initiation factor 2B, subunit 4 delta	7.18E-02	NS	9.80E-01	NS	3.65E-02	1.9
A_64_P158148	NM_001012061	308113	Cnksr3	Cnksr family member 3	3.48E-01	NS	6.61E-01	NS	1.06E-02	1.9
A_44_P179986	NM_017233	29531	Hpd	4-hydroxyphenylpyruvate dioxygenase	4.32E-01	NS	6.87E-01	NS	3.46E-02	1.9
A_64_P086061	NM_001109393	680130	Timp4	tissue inhibitor of metalloproteinase 4	9.30E-01	NS	6.44E-01	NS	1.71E-02	1.9
A_64_P159488	NM_001107962	313520	Mmachc	methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria	1.29E-01	NS	4.81E-01	NS	2.65E-02	1.9
A_64_P313659	NM_057102	25176	Slc25a5	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 5	8.12E-02	NS	3.26E-01	NS	2.03E-02	1.9
A_43_P12209	NM_022380	25126	Stat5b	signal transducer and activator of transcription 5B	1.18E-01	NS	6.32E-01	NS	1.46E-02	1.9
A_44_P137981	XM_225973				1.72E-01	NS	2.59E-01	NS	2.97E-02	1.9
A_44_P182402	NM_001012061	308113	Cnksr3	Cnksr family member 3	3.99E-01	NS	5.91E-01	NS	2.42E-02	1.9
A_64_P108667	NM_001109664	292739	RGD1307554	similar to CG16812-PA	7.38E-02	NS	6.91E-01	NS	9.47E-03	1.9
A_44_P497310	XM_221355	288026	Atp13a4	ATPase type 13A4	8.29E-01	NS	3.68E-01	NS	3.31E-02	1.9
A_44_P201028	NM_053727	114519	Nfil3	nuclear factor, interleukin 3 regulated	7.05E-01	NS	2.81E-01	NS	1.92E-02	1.9
A_64_P003560	XM_228074				5.50E-01	NS	9.86E-01	NS	3.16E-02	1.9
A_43_P20684	NM_001014260	366431	LOC366431	similar to RIKEN cDNA 2210012G02	8.27E-01	NS	2.52E-01	NS	4.73E-02	1.9
A_44_P287301	NM_001107084	303836	Bcl6	B-cell CLL/lymphoma 6	8.43E-01	NS	6.15E-01	NS	1.27E-02	1.9
A_64_P015739	NM_022588	64520	Mta1	metastasis associated 1	4.07E-01	NS	9.76E-01	NS	4.04E-02	1.9
A_64_P141420	NM_001031642	291091	Serpinb1a	serine (or cysteine) proteinase inhibitor, clade B, member 1a	2.91E-01	NS	5.08E-02	NS	3.44E-02	1.9
A_64_P041184	NM_017238	29555	Vipr2	vasoactive intestinal peptide receptor 2	6.43E-01	NS	8.96E-01	NS	3.48E-02	1.9
A_64_P077892	NM_183402	192147	Grinl1a	glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A	2.15E-01	NS	9.48E-01	NS	4.89E-02	1.9
A_44_P321115	NM_001106004	289603	Commmd8	COMM domain containing 8	4.25E-01	NS	4.62E-01	NS	4.23E-02	1.9
A_44_P352055	FQ224249				6.17E-02	NS	5.68E-02	NS	4.17E-02	1.9
A_44_P214415	NM_001127527	299810	Yeats4	YEATS domain containing 4	6.59E-01	NS	9.38E-01	NS	3.87E-02	1.9
A_64_P142524	NM_019367	54398	Ppt2	palmitoyl-protein thioesterase 2	1.41E-01	NS	1.24E-01	NS	3.34E-02	1.9
A_44_P808769	NM_022198	60586	Cicn4-2	chloride channel 4-2	1.52E-01	NS	1.04E-01	NS	4.46E-02	1.9
A_44_P226597	NM_172322	282817	Pycard	PYD and CARD domain containing	9.28E-01	NS	5.15E-01	NS	4.40E-02	1.9
A_64_P054568	NM_001109082	498309	Vash2	vasohibin 2	4.03E-01	NS	5.62E-01	NS	3.09E-03	1.9
A_44_P962936	NM_001037214	500727	Cdca4	cell division cycle associated 4	1.67E-01	NS	6.91E-01	NS	4.99E-02	1.9
A_64_P104488	NM_001012116	315033	Spag1	sperm associated antigen 1	6.29E-01	NS	5.65E-01	NS	8.56E-03	1.9
A_44_P149412	NM_053563	89827	Ddx39	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	7.56E-01	NS	1.50E-01	NS	1.96E-02	1.9
A_44_P326122	NM_001107816	311795	RGD1308019	similar to hypothetical protein FLJ20245	5.16E-01	NS	3.14E-01	NS	1.84E-02	1.9
A_44_P297974	NM_001105846	287746	Fmnl1	formin-like 1	1.15E-01	NS	5.69E-01	NS	2.35E-02	1.9
A_44_P681642	NM_001106963	302697	Eif1ay	eukaryotic translation initiation factor 1A, Y-linked	7.59E-01	NS	9.60E-01	NS	1.54E-02	1.9
A_44_P110352	XM_235459				3.06E-01	NS	4.84E-01	NS	4.88E-02	1.9

A_64_P157450	NM_001107410	307645	Gpr114	G protein-coupled receptor 114	6.21E-02	NS	4.34E-01	NS	4.86E-03	1.9
A_64_P061658	NM_172030	64467	Entpd2	ectonucleoside triphosphate diphosphohydrolase 2	2.82E-01	NS	6.94E-01	NS	3.30E-02	1.9
A_64_P023472	NM_001031642	291091	Serpinb1a	serine (or cysteine) proteinase inhibitor, clade B, member 1a	5.89E-01	NS	8.90E-02	NS	2.67E-02	1.9
A_44_P863933	XM_001080233	687813	LOC687813	similar to Trf receptor-associated factor 1	1.41E-01	NS	8.44E-01	NS	3.05E-02	1.9
A_44_P483992	XM_001053761	678910	LOC678910	similar to CG9967-PA, isoform A	4.85E-01	NS	8.82E-01	NS	3.23E-02	1.9
A_64_P103517	NM_001105994	289440	Ephx4	epoxide hydrolase 4	1.66E-01	NS	8.63E-01	NS	3.08E-02	1.9
A_44_P448710	NM_053492	85254	Slc44a1	solute carrier family 44, member 1	6.42E-01	NS	4.59E-01	NS	4.53E-02	1.9
A_44_P367926	XM_213990				9.40E-01	NS	2.42E-01	NS	2.60E-02	2.0
A_44_P498522	NM_001108871	364410	Kctd9	potassium channel tetramerisation domain containing 9	2.30E-01	NS	5.59E-01	NS	4.27E-02	2.0
A_43_P15993	NM_012711	25021	Itgam	integrin, alpha M	7.77E-01	NS	8.69E-01	NS	4.07E-02	2.0
A_44_P431150	NM_001107152	304573	Pole	polymerase (DNA directed), epsilon	3.55E-01	NS	2.21E-01	NS	1.55E-02	2.0
A_43_P19180	NM_001100727	360521	Rufy1	RUN and FYVE domain containing 1	9.44E-01	NS	4.81E-01	NS	4.96E-02	2.0
A_44_P307578	NM_013004	25512	Phex	phosphate regulating endopeptidase homolog, X-linked	5.41E-01	NS	4.96E-01	NS	3.96E-02	2.0
A_44_P852833	NM_001039607	294154	LOC294154	similar to chromosome 6 open reading frame 106 isoform a	6.03E-02	NS	3.38E-01	NS	1.73E-02	2.0
A_44_P255341	NM_001107180	304817	Ipo9	importin 9	5.25E-02	NS	8.39E-01	NS	4.58E-02	2.0
A_64_P143355	NM_001134715	363024	Slc44a2	solute carrier family 44, member 2	1.48E-01	NS	9.25E-01	NS	3.77E-02	2.0
A_43_P16644	NM_001025402	288051	Umps	uridine monophosphate synthetase	5.71E-01	NS	1.81E-01	NS	3.76E-02	2.0
A_43_P11776	NM_017014	24423	Gstm1	glutathione S-transferase mu 1	9.40E-01	NS	3.88E-01	NS	9.53E-04	2.0
A_64_P025884	NM_001109192	499688	Gstm6	glutathione S-transferase, mu 6	8.70E-01	NS	4.48E-01	NS	3.25E-02	2.0
A_44_P613170	NM_001108814	363443	Ndp	Norrie disease (pseudoglioma) (human)	3.47E-01	NS	2.22E-01	NS	2.54E-02	2.0
A_44_P459702	NM_001108028	314196	L2hgdh	L-2-hydroxyglutarate dehydrogenase	1.86E-01	NS	8.77E-01	NS	2.45E-03	2.0
A_64_P033761	NM_080581	140668	Abcc3	ATP-binding cassette, sub-family C (CFTR/MRP), member 3	1.29E-01	NS	6.40E-01	NS	1.15E-02	2.0
A_64_P092971	XM_002729542	260327	Fndc5	fibronectin type III domain containing 5	7.09E-02	NS	6.93E-02	NS	4.15E-02	2.0
A_64_P065265	NM_001109163	499322	Fam111a	family with sequence similarity 111, member A	1.72E-01	NS	4.86E-01	NS	1.23E-02	2.0
A_44_P747071	XM_227600	295378	Vav3	vav 3 guanine nucleotide exchange factor similar to mitochondrial carrier protein	1.55E-01	NS	6.33E-01	NS	2.59E-02	2.0
A_44_P321510	NM_001127574	691431	LOC691431	MGC4399	6.48E-01	NS	1.37E-01	NS	3.47E-02	2.0
A_44_P363494	XR_007323				7.51E-01	NS	2.37E-01	NS	2.34E-02	2.0
A_42_P531684	NM_001014215	363198	Cenpq	centromere protein Q	1.14E-01	NS	9.76E-01	NS	3.75E-02	2.0
A_64_P098255	NM_001077640	291005	Gadd45g	growth arrest and DNA-damage-inducible, gamma	3.02E-01	NS	9.77E-01	NS	4.94E-02	2.0
A_64_P055958	XR_009057				4.83E-01	NS	2.52E-01	NS	9.55E-03	2.0
A_64_P029142	NM_001107866	312478	Lox13	lysyl oxidase-like 3	2.23E-01	NS	5.81E-02	NS	1.96E-02	2.0
A_44_P424379	NM_001106597	297336	Usp39	ubiquitin specific peptidase 39	5.58E-01	NS	7.13E-01	NS	4.28E-02	2.0
A_44_P623426	NM_001079711	689055	Rad51ap1	RAD51 associated protein 1	8.20E-02	NS	5.92E-01	NS	2.96E-02	2.0
A_44_P547045	NM_001108631	362377	Herc3	hect domain and RLD 3	4.51E-01	NS	6.40E-01	NS	9.65E-03	2.0
A_64_P065492	NM_001109101	498514	RGD1565222	similar to RIKEN cDNA 4931414P19	2.57E-01	NS	8.66E-01	NS	4.51E-02	2.0
A_43_P10757	NM_001166586	501647	Fam122b	family with sequence similarity 122B	8.75E-01	NS	8.87E-01	NS	2.94E-02	2.0
A_44_P320655	NM_012950	25439	F2r	coagulation factor II (thrombin) receptor	6.27E-01	NS	1.01E-01	NS	1.73E-02	2.0
A_44_P267706	XR_085883	300060	Apol11a	apolipoprotein L 11a	2.21E-01	NS	8.75E-01	NS	1.01E-02	2.0
A_64_P007789	XM_229637	302075	RGD1562989	similar to serine/threonine kinase	5.68E-02	NS	4.83E-01	NS	2.14E-02	2.0
A_64_P074667	XR_008611				6.70E-01	NS	8.53E-01	NS	6.77E-03	2.0
A_42_P457895	NM_001012462	294385	Supv3l1	suppressor of var1, 3-like 1 (S. cerevisiae)	9.34E-01	NS	9.19E-01	NS	4.28E-02	2.0
A_64_P032361	BC088860				1.02E-01	NS	6.84E-01	NS	3.40E-02	2.0
A_64_P004993	NM_001108312	360692	RGD1563888	similar to DNA segment, Chr 16, ERATO Doi 472, expressed	2.28E-01	NS	2.26E-01	NS	3.71E-04	2.0
A_44_P990376	NM_133298	113955	Gpnmb	glycoprotein (transmembrane) nmb	5.67E-02	NS	4.18E-01	NS	4.74E-02	2.1
A_44_P520652	NM_001106616	297554	Csgalnact2	chondroitin sulfate N-acetylgalactosaminyltransferase 2	6.51E-02	NS	7.80E-02	NS	1.68E-02	2.1
A_42_P629370	NM_053536	85497	Klf15	Kruppel-like factor 15	1.98E-01	NS	2.17E-01	NS	3.09E-02	2.1
A_44_P529986	XM_002725837				1.01E-01	NS	2.95E-01	NS	2.28E-02	2.1
A_64_P045779	NM_001106880	301173	Plcl2	phospholipase C-like 2	5.36E-02	NS	4.90E-01	NS	4.27E-02	2.1

A_44_P504794	NM_001085381	266706	Gja7	gap junction membrane channel protein alpha 7 family with sequence similarity 43, member	9.95E-01	NS	2.53E-01	NS	3.30E-02	2.1
A_64_P044445	NM_001039002	288031	Fam43a	A	6.68E-01	NS	8.93E-01	NS	2.33E-03	2.1
A_44_P203549	NM_019371	54702	Egln3	EGL nine homolog 3 (C. elegans)	8.39E-02	NS	9.80E-01	NS	3.26E-02	2.1
A_64_P072343	XM_002727316	690977	LOC690977	similar to RIKEN cDNA 5031410106	8.27E-01	NS	4.02E-01	NS	4.51E-02	2.1
A_64_P116794	NM_001127557	365552	Rtdr1	rhabdoid tumor deletion region gene 1	2.88E-01	NS	5.84E-01	NS	2.65E-02	2.1
A_64_P071873	NM_013184	25730	Ntf4	neurotrophin 4 similar to COX10 homolog, cytochrome c oxidase assembly protein, heme A:	9.59E-01	NS	2.74E-01	NS	6.14E-03	2.1
A_64_P101480	XM_001077717	687381	LOC687381	farnesyltransferase similar to glyceraldehyde-3-phosphate dehydrogenase	8.96E-02	NS	3.62E-01	NS	3.01E-02	2.1
A_44_P480605	XM_225871	291543	LOC291543	frizzled homolog 9 (Drosophila)	1.32E-01	NS	9.04E-02	NS	3.54E-02	2.1
A_44_P367465	NM_153305	266608	Fzd9		6.74E-02	NS	1.49E-01	NS	1.13E-02	2.1
A_64_P156995	XM_001075556				7.06E-02	NS	2.51E-01	NS	1.33E-02	2.1
A_42_P662543	NM_001011972	297932	Atp6v0d2	ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d2	1.27E-01	NS	9.99E-01	NS	2.80E-02	2.1
A_64_P051272	NM_001107859	312309	Znf775	zinc finger protein 775	1.94E-01	NS	7.58E-02	NS	3.92E-02	2.1
A_64_P064695	XM_001057350				8.51E-01	NS	8.88E-01	NS	9.22E-03	2.1
A_44_P503570	NM_031339	83507	Parg	poly (ADP-ribose) glycohydrolase	5.14E-02	NS	8.97E-01	NS	4.45E-02	2.1
A_44_P125025	NM_013174	25717	Tgfb3	transforming growth factor, beta 3 trimethylguanosine synthase homolog (S. cerevisiae)	6.47E-01	NS	1.82E-01	NS	1.86E-02	2.1
A_64_P021151	NM_001107904	312947	Tgs1		7.85E-01	NS	7.09E-01	NS	5.95E-03	2.1
A_44_P255294	NM_001011934	293408	Hbs1l	Hbs1-like (S. cerevisiae)	8.99E-02	NS	2.58E-01	NS	4.34E-02	2.1
A_44_P1004536	NM_053995	117099	Bdh1	3-hydroxybutyrate dehydrogenase, type 1	1.77E-01	NS	5.35E-02	NS	3.09E-03	2.1
A_42_P718418	NM_001025042	499856	Fibin	fin bud initiation factor homolog (zebrafish)	6.77E-01	NS	6.24E-01	NS	1.66E-02	2.1
A_44_P104652	NM_181090	29642	Slc38a2	solute carrier family 38, member 2	1.93E-01	NS	5.89E-01	NS	8.31E-03	2.1
A_64_P026752	XM_229109				6.70E-02	NS	5.20E-02	NS	3.83E-02	2.1
A_44_P422305	XM_001072031	363244	RGD1559859	RGD1559859	1.09E-01	NS	3.67E-01	NS	3.84E-03	2.1
A_42_P629062	AF072835	54395	Crif3	cytokine receptor-like factor 3	7.46E-01	NS	8.87E-01	NS	3.43E-03	2.1
A_44_P381092	XM_573525	498297	Cnst	consortin, connexin sorting protein	5.73E-01	NS	2.40E-01	NS	2.07E-02	2.1
A_44_P993671	NM_001108088	314772	Epyc	epiphycan	3.10E-01	NS	4.52E-01	NS	3.93E-02	2.2
A_44_P159137	XM_227423				1.06E-01	NS	7.03E-02	NS	3.68E-02	2.2
A_43_P17937	NM_001108271	360508	RGD1306625	LOC360508	9.49E-01	NS	8.62E-01	NS	6.57E-03	2.2
A_44_P317639	NM_001109082	498309	Vash2	vasohibin 2	2.12E-01	NS	3.69E-01	NS	4.38E-02	2.2
A_44_P477322	NM_031831	83765	Rtn4	reticulon 4	1.18E-01	NS	1.37E-01	NS	4.91E-02	2.2
A_64_P029407	NM_001037974	296345	Jph2	junctophilin 2	1.48E-01	NS	7.11E-02	NS	3.70E-02	2.2
A_44_P210202	NM_053528	85472	Polg	polymerase (DNA directed), gamma	4.08E-01	NS	8.76E-01	NS	4.95E-02	2.2
A_44_P353836	XM_001055616	309570	RGD1306962	similar to dJ55C23.6 gene product G-protein signaling modulator 2 (AGS3-like, C. elegans)	7.85E-01	NS	9.56E-01	NS	9.11E-03	2.2
A_64_P006903	XM_575015	362021	Gpsm2		9.94E-01	NS	6.35E-01	NS	1.97E-02	2.2
A_64_P017565	NM_053938	116777	Cdh3	cadherin 3	9.53E-01	NS	9.06E-01	NS	4.95E-02	2.2
A_44_P308181	XM_001078902	311880	Gapvd1	GTPase activating protein and VPS9 domains 1 similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12)	5.20E-02	NS	4.68E-01	NS	4.74E-02	2.2
A_64_P139608	XM_001066279	290604	RGD1564958	similar to solute carrier family 28, member 2	2.50E-01	NS	6.42E-02	NS	2.80E-02	2.2
A_44_P523000	XM_001080361	691960	LOC691960		1.15E-01	NS	2.01E-01	NS	2.54E-02	2.2
A_44_P302124	NM_001108860	364134	Tecl1	trans-2,3-enoyl-CoA reductase-like	5.08E-01	NS	5.08E-01	NS	3.20E-02	2.2
A_44_P393064	XM_001053715	304740	Clasp1	cytoplasmic linker associated protein 1	7.97E-02	NS	3.57E-01	NS	1.65E-02	2.2
A_44_P367779	NM_013127	25668	Cd38	CD38 molecule	9.80E-01	NS	9.49E-01	NS	3.37E-02	2.2
A_44_P429041	XM_227654				1.42E-01	NS	3.02E-01	NS	2.10E-02	2.2
A_44_P114788	NM_001106811	300475	Adamts8	ADAM metallopeptidase with thrombospondin type 1 motif, 8	1.21E-01	NS	9.70E-01	NS	3.23E-02	2.2
A_64_P087539	NM_001079893	360580	Dusp14	dual specificity phosphatase 14	9.21E-02	NS	2.07E-01	NS	3.44E-02	2.2
A_44_P345013	NM_001134715	363024	Slc44a2	solute carrier family 44, member 2	6.52E-02	NS	1.32E-01	NS	4.45E-02	2.2
A_44_P729029	NM_001109228	500068	RGD1559502	similar to RIKEN cDNA 1700025E21	4.00E-01	NS	3.53E-01	NS	4.30E-02	2.2
A_43_P21489	NM_001004284	363139	Zmynd10	zinc finger, MYND-type containing 10	2.68E-01	NS	1.40E-01	NS	4.27E-02	2.2

A_44_P1011953	NM_198779	362219	Gpcpd1	glycerophosphocholine phosphodiesterase GDE1 homolog (<i>S. cerevisiae</i>) family with sequence similarity 167,	5.27E-02	NS	1.58E-01	NS	2.29E-02	2.2
A_44_P608318	NM_001109102	498533	Fam167a	member A	6.19E-01	NS	1.04E-01	NS	3.85E-02	2.2
A_44_P140244	NM_001109536	689388	Ptx3	pentraxin related gene	9.45E-01	NS	5.63E-01	NS	3.95E-02	2.2
A_64_P009540	NM_053665	114124	Akap1	A kinase (PRKA) anchor protein 1	9.21E-02	NS	6.60E-01	NS	4.40E-02	2.3
A_44_P258912	NM_012495	24189	Aldoa	aldolase A, fructose-bisphosphate aryl hydrocarbon receptor nuclear translocator-like	8.77E-02	NS	8.45E-02	NS	2.89E-02	2.3
A_64_P117345	NM_024362	29657	Arntl	perilipin 5	7.71E-01	NS	9.57E-01	NS	1.61E-02	2.3
A_44_P511665	NM_001134637	501283	Plin5	ankyrin repeat domain 35	1.50E-01	NS	4.68E-01	NS	2.27E-02	2.3
A_44_P548426	XM_001063190	365881	Ankrd35	fin bud initiation factor homolog (zebrafish)	5.13E-01	NS	1.41E-01	NS	1.37E-02	2.3
A_44_P852315	NM_001025042	499856	Fibin	Rho GTPase activating protein 11A	6.93E-01	NS	3.61E-01	NS	9.40E-04	2.3
A_44_P389265	XM_232181			tissue factor pathway inhibitor 2	6.08E-02	NS	8.45E-02	NS	4.47E-02	2.3
A_44_P525324	NM_001168524	296060	Arhgap11a	solute carrier family 28 (sodium-coupled nucleoside transporter), member 2	6.79E-01	NS	4.19E-01	NS	9.15E-03	2.3
A_44_P339535	NM_173141	286926	Tfpi2	kinase suppressor of ras 1	9.07E-01	NS	1.51E-01	NS	1.05E-02	2.3
A_64_P157359	NM_031664	60423	Slc28a2	achaete-scute complex homolog 2 (<i>Drosophila</i>) similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12)	9.56E-02	NS	6.11E-01	NS	1.05E-02	2.3
A_44_P368427	NM_001108284	360573	Ksr1		1.07E-01	NS	1.46E-01	NS	3.63E-02	2.3
A_44_P359074	XM_234875				2.21E-01	NS	9.06E-02	NS	3.97E-02	2.3
A_64_P023250	NM_031503	24209	Ascl2	similar to chromosome 10 open reading frame 71	8.75E-01	NS	1.15E-01	NS	4.41E-02	2.3
A_44_P114919	XM_221419	303889	RGD1559590	beta-gamma crystallin domain containing 3	1.24E-01	NS	1.19E-01	NS	4.49E-02	2.3
A_64_P151332	XM_229506			UBA domain containing 1	3.81E-01	NS	5.39E-01	NS	2.08E-02	2.3
A_64_P138445	XM_001060995	498579	RGD1564899	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A double C2, gamma	7.10E-02	NS	1.02E-01	NS	3.23E-02	2.3
A_44_P248714	XM_001057435	288204	Crybg3		1.73E-01	NS	2.18E-01	NS	2.73E-02	2.3
A_44_P194531	NM_001007742	362087	Ubac1		5.25E-02	NS	1.18E-01	NS	4.21E-02	2.3
A_44_P361424	XR_009353				5.31E-02	NS	8.56E-02	NS	2.55E-02	2.3
A_64_P050994	NM_001012078	310630	Sema4a	EGFR-coamplified and overexpressed protein	7.18E-02	NS	8.70E-02	NS	2.18E-02	2.3
A_44_P447810	NM_001011937	293654	Doc2g	inositol polyphosphate-5-phosphatase B	3.29E-01	NS	3.73E-01	NS	3.77E-02	2.3
A_44_P337969	XM_234037			diacylglycerol kinase zeta	1.19E-01	NS	7.60E-02	NS	4.61E-02	2.3
A_44_P758470	NM_001108630	362374	Ecop	centrosomal protein 76kDa	5.79E-02	NS	6.08E-02	NS	9.70E-03	2.3
A_44_P103160	NM_001100755	362590	Inpp5b		9.18E-01	NS	7.95E-02	NS	1.05E-02	2.3
A_43_P12540	NM_031143	81821	Dgkz		1.52E-01	NS	6.99E-01	NS	2.41E-02	2.3
A_44_P548502	NM_001100514	291540	Cep76	smoothelin	4.48E-01	NS	1.26E-01	NS	9.98E-03	2.3
A_44_P415132	XM_235791			RT1 class I, locus CE5	8.31E-02	NS	7.31E-01	NS	3.03E-02	2.3
A_64_P165703	NM_001013049	289734	Smtn		1.06E-01	NS	6.82E-02	NS	4.44E-02	2.4
A_64_P090474	NM_001008843	309607	RT1-CE5		1.09E-01	NS	2.34E-01	NS	3.08E-02	2.4
A_44_P156665	XM_218761				7.99E-02	NS	7.95E-02	NS	3.24E-02	2.4
A_44_P372640	NM_001170340	292767	Catsperg1	cation channel, sperm-associated, gamma 1	2.61E-01	NS	6.83E-01	NS	3.78E-02	2.4
A_44_P268215	NM_001110319	691842	Maz	MYC-associated zinc finger protein (purine-binding transcription factor)	1.18E-01	NS	8.00E-01	NS	1.85E-02	2.4
A_44_P930585	NM_001106577	296762	Phtf2	putative homeodomain transcription factor 2	1.03E-01	NS	2.00E-01	NS	2.91E-02	2.4
A_44_P308687	NM_181389	353233	Nsmaf	neutral sphingomyelinase (N-SMase)	9.51E-02	NS	7.95E-01	NS	2.02E-02	2.4
A_43_P12819	NM_053480	85242	Pola2	activation associated factor polymerase (DNA directed), alpha 2	1.05E-01	NS	2.53E-01	NS	2.21E-02	2.4
A_64_P037279	NM_001134798	688913	Dcun1d2	DCN1, defective in cullin neddylation 1, domain containing 2 (<i>S. cerevisiae</i>)	1.57E-01	NS	3.77E-01	NS	2.42E-02	2.4
A_44_P243238	NM_013177	25721	Got2	glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2)	8.65E-02	NS	1.97E-01	NS	2.61E-02	2.4

A_44_P480852	NM_001106780	299737	RGD1565947	similar to netrin 4	3.54E-01	NS	6.07E-01	NS	2.95E-02	2.4
A_44_P480801	NM_001013943	299052	Aldoa1	aldolase A-like 1	6.25E-02	NS	6.11E-02	NS	2.49E-02	2.4
A_64_P096121	XM_001061110				1.73E-01	NS	1.17E-01	NS	1.51E-02	2.4
A_44_P549998	NM_001004207	288923	Dhps	deoxyhypusine synthase	2.92E-01	NS	9.03E-01	NS	5.20E-03	2.4
A_42_P516693	NM_001107330	306655	Irx4	iroquois homeobox 4 UDP glucuronosyltransferase 1 family, polypeptide A6	9.10E-01	NS	8.30E-01	NS	3.56E-02	2.4
A_64_P025630	NM_001039691	113992	Ugt1a6	polypeptide A6	6.59E-02	NS	2.12E-01	NS	4.01E-02	2.4
A_44_P358235	NM_020542	57301	Ccr1	chemokine (C-C motif) receptor 1	7.10E-01	NS	9.72E-01	NS	5.56E-03	2.4
A_44_P510442	NM_181080	288596	Trim50	tripartite motif-containing 50	3.62E-01	NS	3.33E-01	NS	2.48E-02	2.4
A_42_P556829	NM_053738	114557	Wif1	Wnt inhibitory factor 1	5.99E-02	NS	8.21E-01	NS	1.38E-03	2.4
A_44_P328535	XM_342556				1.02E-01	NS	1.56E-01	NS	3.19E-02	2.4
A_64_P053336	XM_002726560	100366132	LOC100366132	Glyceraldehyde-3-phosphate dehydrogenase-like	1.19E-01	NS	7.69E-02	NS	3.06E-02	2.4
A_64_P059485	NM_080906	140942	Ddit4	DNA-damage-inducible transcript 4	1.63E-01	NS	6.93E-01	NS	1.80E-02	2.4
A_44_P124074	XM_217067				1.23E-01	NS	1.01E-01	NS	4.02E-02	2.4
A_42_P740370	NM_001106306	293566	Cpxm2	carboxypeptidase X (M14 family), member 2	3.12E-01	NS	1.39E-01	NS	3.04E-02	2.5
A_43_P23215	NM_001025737	362619	Smpdl3b	sphingomyelin phosphodiesterase, acid-like 3B	1.28E-01	NS	6.79E-01	NS	4.69E-02	2.5
A_64_P159175	NM_001108544	361886	Adamts6	ADAM metalloproteinase with thrombospondin type 1 motif, 6	7.75E-01	NS	7.24E-01	NS	1.63E-02	2.5
A_64_P153482	NM_001107306	306352	Armc6	armadillo repeat containing 6	1.67E-01	NS	3.57E-01	NS	2.93E-02	2.5
A_64_P054586	NM_001135893	363445	Usp9x	ubiquitin specific peptidase 9, X-linked	2.64E-01	NS	8.55E-01	NS	2.66E-02	2.5
A_43_P21910	NM_001047861	296619	Pkn3	protein kinase N3	1.19E-01	NS	4.25E-01	NS	2.98E-02	2.5
A_64_P032323	NM_022630	64565	Tmprss11d	transmembrane protease, serine 11d	5.97E-01	NS	8.79E-02	NS	4.89E-02	2.5
A_44_P536125	NM_053557	89820	Prmt3	protein arginine methyltransferase 3	5.57E-01	NS	2.95E-01	NS	2.32E-02	2.5
A_44_P413701	NM_031151	81829	Mdh2	malate dehydrogenase 2, NAD (mitochondrial)	6.50E-02	NS	1.79E-01	NS	2.42E-02	2.5
A_64_P056124	XR_007312				6.95E-01	NS	8.10E-02	NS	3.15E-02	2.5
A_44_P1014659	NM_001114180	314260	Plek2	pleckstrin 2	1.58E-01	NS	1.88E-01	NS	4.89E-02	2.5
A_43_P12927	NM_053769	114856	Dusp1	dual specificity phosphatase 1 family with sequence similarity 19	9.12E-02	NS	2.94E-01	NS	3.81E-02	2.5
A_64_P073580	XM_002726967	500915	Fam19a5	(chemokine (C-C motif)-like), member A5 phosphoinositide-3-kinase, catalytic, delta polypeptide	8.17E-02	NS	8.06E-01	NS	1.94E-02	2.5
A_44_P956502	NM_001108978	366508	Pik3cd	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)	9.37E-02	NS	7.41E-01	NS	8.78E-03	2.5
A_43_P10581	NM_145673	246760	Mafk	family with sequence similarity 111, member A	1.27E-01	NS	2.60E-01	NS	1.12E-02	2.6
A_44_P304009	NM_001109163	499322	Fam111a	ankyrin repeat and SOCS box-containing 16	1.76E-01	NS	4.77E-01	NS	1.72E-02	2.6
A_64_P003234	NM_001109048	498005	Asb16	CAP-GLY domain containing linker protein family, member 4	7.20E-02	NS	5.29E-02	NS	3.33E-02	2.6
A_43_P23317	NM_001013942	298801	Clip4	family, member 4	6.02E-02	NS	1.64E-01	NS	4.60E-02	2.6
A_43_P12890	NM_053665	114124	Akap1	A kinase (PRKA) anchor protein 1	5.58E-02	NS	8.44E-01	NS	3.99E-02	2.6
A_44_P372839	XM_001077739	362044	Cenpe	centromere protein E	2.00E-01	NS	1.88E-01	NS	1.62E-02	2.6
A_43_P21963	XR_005455				8.26E-01	NS	9.28E-01	NS	1.31E-02	2.6
A_44_P227121	XM_001072487	361025	Txndc16	thioredoxin domain containing 16 similar to glyceraldehyde-3-phosphate dehydrogenase	6.36E-01	NS	7.78E-01	NS	4.15E-02	2.6
A_44_P492509	XR_009063	299622	RGD1560581	dehydrogenase	9.26E-02	NS	6.65E-02	NS	3.09E-02	2.6
A_43_P17298	NM_001010967	497009	Naaa	N-acylethanolamine acid amidase	2.30E-01	NS	9.86E-01	NS	1.98E-02	2.6
A_64_P087054	NM_001108495	361615	Relt	RELT tumor necrosis factor receptor like-glycosyltransferase	1.35E-01	NS	8.89E-02	NS	1.94E-02	2.6
A_44_P274491	NM_001108439	361368	Large	like-glycosyltransferase	1.68E-01	NS	9.61E-01	NS	1.88E-02	2.6
A_64_P024020	NM_001107460	308126	Zbtb2	zinc finger and BTB domain containing 2	6.02E-02	NS	1.43E-01	NS	4.70E-03	2.6
A_44_P445318	XM_215985				3.76E-01	NS	8.25E-02	NS	7.71E-03	2.7
A_64_P071692	NM_019325	360543	Myh4	myosin, heavy chain 4, skeletal muscle BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)	1.51E-01	NS	9.81E-02	NS	4.00E-02	2.7
A_44_P217821	NM_001107292	306257	Bap1	similar to fatty aldehyde dehydrogenase- like	1.53E-01	NS	4.75E-01	NS	3.50E-02	2.7
A_64_P004598	XM_001068253	688778	LOC688778	like	1.19E-01	NS	7.58E-01	NS	2.71E-02	2.7

A_44_P485246	XM_231092				1.10E-01	NS	5.89E-01	NS	2.65E-02	2.7
A_44_P520136	XM_001071249	259273	Kcnq5l	potassium voltage-gated channel, subfamily Q, member 5-like	9.33E-02	NS	2.03E-01	NS	9.13E-03	2.7
A_64_P098996	XM_001059604	305386	Tapt1	transmembrane anterior posterior transformation 1	2.90E-01	NS	6.45E-01	NS	1.09E-02	2.8
A_64_P113301	XM_001054511				6.01E-01	NS	5.46E-01	NS	1.13E-02	2.8
A_44_P412265	NM_013028	25546	Shox2	short stature homeobox 2	8.28E-01	NS	3.11E-01	NS	4.19E-03	2.8
A_44_P428326	NM_173094	24450	Hmgcs2	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial)	5.23E-01	NS	7.12E-01	NS	2.89E-02	2.8
A_42_P498273	NM_017033	24645	Pgm1	phosphoglucomutase 1	5.55E-02	NS	1.04E-01	NS	4.49E-02	2.8
A_64_P042495	NM_001109127	498922	Cbln1	cerebellin 1 precursor	6.19E-01	NS	1.55E-01	NS	1.94E-02	2.8
A_43_P23097	NM_001011965	296655	Stom	stomatin	1.42E-01	NS	4.42E-01	NS	3.55E-02	2.8
A_64_P099094	NM_001012275	316005	Arih2	ariadne homolog 2 (Drosophila)	7.98E-02	NS	3.87E-01	NS	2.56E-02	2.8
A_44_P419922	NM_001013114	302995	Haghl	hydroxyacylglutathione hydrolase-like	8.08E-01	NS	4.23E-01	NS	2.01E-02	2.8
A_64_P054979	NM_001109615	690987	Gys1	glycogen synthase 1, muscle	6.59E-02	NS	1.52E-01	NS	1.73E-02	2.8
A_64_P063886	XM_002725125				1.92E-01	NS	5.37E-01	NS	3.22E-02	2.8
A_64_P056648	NM_001106074	290655	Crif1	cytokine receptor-like factor 1	5.14E-02	NS	8.66E-02	NS	1.48E-02	2.8
A_44_P914438	NM_080782	114851	Cdkn1a	cyclin-dependent kinase inhibitor 1A	8.50E-01	NS	5.53E-01	NS	2.72E-02	2.8
A_64_P084058	BC166431	685125	LOC685125	similar to RIKEN cDNA 5031410106	7.45E-01	NS	5.78E-02	NS	1.62E-02	2.9
A_43_P18902	NM_001109221	500034	LOC500034	similar to CG3570-PA	4.13E-01	NS	2.57E-01	NS	1.31E-03	2.9
A_44_P291728	XM_001065955	84015	Ttn	titin	5.80E-02	NS	1.03E-01	NS	3.39E-02	2.9
A_64_P012278	NM_053959	117028	Bin1	bridging integrator 1	6.67E-02	NS	1.12E-01	NS	4.48E-02	2.9
A_43_P12593	NM_031573	29353	Phkg1	phosphorylase kinase, gamma 1	5.87E-02	NS	7.02E-02	NS	4.72E-02	2.9
A_44_P874677	NM_001007738	361744	RGD1359349	similar to hypothetical protein MGC34760	5.66E-01	NS	5.22E-01	NS	1.06E-02	2.9
A_44_P303982	NM_001106381	294335	Susd2	sushi domain containing 2	6.77E-01	NS	3.10E-01	NS	1.53E-02	2.9
A_44_P140514	NM_001106711	298850	Cenpa	centromere protein A	2.71E-01	NS	1.19E-01	NS	1.12E-02	2.9
A_44_P391926	NM_001114405	362930	Ptp4a3	protein tyrosine phosphatase 4a3	6.09E-02	NS	9.11E-02	NS	2.32E-02	3.0
A_44_P858398	NM_001017485	498145	LOC498145	similar to RIKEN cDNA 2810453106	9.59E-01	NS	8.38E-01	NS	4.49E-02	3.0
A_44_P639365	XM_575056	499723	Col24a1	collagen, type XXIV, alpha 1	1.69E-01	NS	1.22E-01	NS	2.96E-02	3.0
A_43_P22484	XM_222180				8.37E-01	NS	2.75E-01	NS	4.46E-02	3.0
A_64_P098549	XR_005447	501224	LOC501224	similar to RIKEN cDNA 2610042L04	8.25E-02	NS	2.28E-01	NS	5.79E-03	3.0
A_64_P013753	CX569749	498924	RGD1565104	similar to Discs, large homolog 5 (Placenta and prostate DLG)	2.46E-01	NS	4.89E-01	NS	3.10E-02	3.1
A_44_P260055	NM_031043	81675	Gyg1	glycogenin 1	5.98E-02	NS	1.51E-01	NS	1.73E-02	3.1
A_44_P153789	NM_172009	83817	Ache	acetylcholinesterase	1.13E-01	NS	6.81E-02	NS	3.53E-02	3.1
A_44_P523853	NM_012638	24701	Pygm	phosphorylase, glycogen, muscle	9.04E-02	NS	8.48E-02	NS	2.89E-02	3.1
A_64_P064120	XM_001064406	685580	LOC685580	hypothetical protein LOC685580	6.31E-02	NS	1.48E-01	NS	3.07E-02	3.1
A_44_P231457	NM_173095	24520	Kcna1	potassium voltage-gated channel, shaker-related subfamily, member 1	1.81E-01	NS	6.74E-01	NS	4.08E-02	3.2
A_64_P138236	NM_001100827	257649	Cenpf	centromere protein F	9.11E-01	NS	1.96E-01	NS	1.04E-02	3.2
A_64_P137609	FQ230487				6.83E-02	NS	2.41E-01	NS	1.87E-02	3.2
A_64_P003610	NM_057209	117558	Mylk2	myosin light chain kinase 2	6.50E-02	NS	7.20E-02	NS	2.77E-02	3.2
A_64_P074102	XM_001066411	116466	Wnt2b	wingless-type MMTV integration site family, member 2B	3.20E-01	NS	6.97E-01	NS	1.03E-02	3.2
A_44_P560973	NM_001100640	192362	Lamc2	laminin, gamma 2	2.58E-01	NS	6.76E-01	NS	3.78E-02	3.2
A_44_P355073	XM_001072867	684425	LOC684425	similar to Adenylosuccinate synthetase isozyme 1 (Adenylosuccinate synthetase, muscle isozyme) (IMP--aspartate ligase 1) (AdSS 1) (AMPSase 1)	5.20E-02	NS	8.97E-02	NS	3.22E-02	3.2
A_44_P459918	NM_001025411	300721	Dnaja4	DnaJ (Hsp40) homolog, subfamily A, member 4	5.27E-02	NS	1.80E-01	NS	3.14E-02	3.2
A_44_P381270	NM_001109086	501195	RGD1562136	similar to D1Ert622e protein	2.86E-01	NS	7.05E-01	NS	3.17E-02	3.2
A_44_P231223	NM_201989	311098	Xirp2	xin actin-binding repeat containing 2	7.67E-02	NS	6.84E-02	NS	3.46E-02	3.2
A_44_P225299	XM_340807	287353	Obscnl	obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF-like	1.03E-01	NS	1.12E-01	NS	4.92E-02	3.3
A_44_P932543	NM_001107284	306152	Slitrk5	SLIT and NTRK-like family, member 5	6.57E-02	NS	4.71E-01	NS	2.76E-02	3.3
A_43_P19706	NM_001107325	291245	Actn2	actinin alpha 2	7.95E-02	NS	1.21E-01	NS	4.55E-02	3.3
A_43_P23319	NM_001107665	310306	Usp13	ubiquitin specific protease 13 (isopeptidase T-3)	1.02E-01	NS	1.41E-01	NS	4.36E-02	3.3
A_44_P354302	NM_001013217	362708	Trim54	tripartite motif-containing 54	8.00E-02	NS	1.47E-01	NS	3.76E-02	3.3

A_44_P116283	NM_057191	117537	Kbtbd10	kelch repeat and BTB (POZ) domain containing 10	5.38E-02	NS	8.38E-02	NS	4.25E-02	3.4
A_64_P012846	XM_346161				3.31E-01	NS	1.81E-01	NS	3.85E-02	3.4
A_44_P178108	XM_001067026	307056	Anln	anillin, actin binding protein	3.73E-01	NS	2.60E-01	NS	1.24E-02	3.4
A_64_P024077	NM_053297	25630	Pkm2	pyruvate kinase, muscle	1.08E-01	NS	5.87E-02	NS	3.80E-02	3.4
A_44_P405066	NM_017288	29686	Scn1b	sodium channel, voltage-gated, type I, beta	5.65E-02	NS	1.03E-01	NS	1.82E-02	3.5
A_64_P159977	XM_001072194	295162	Tigd4	tigger transposable element derived 4	4.27E-01	NS	8.40E-01	NS	1.83E-02	3.5
A_64_P163244	XM_001054975	316740	Myom1	myomesin 1	5.76E-02	NS	7.28E-02	NS	2.73E-02	3.6
A_64_P120445	NM_080694	140727	Cacng6	calcium channel, voltage-dependent, gamma subunit 6	7.21E-02	NS	7.40E-02	NS	3.44E-02	3.6
A_44_P173138	NM_001129997	309169	Ehbp11	EH domain binding protein 1-like 1	7.02E-02	NS	1.25E-01	NS	3.34E-02	3.7
A_43_P12211	NM_022382	64183	Pde4dip	phosphodiesterase 4D interacting protein	5.84E-02	NS	9.44E-02	NS	2.49E-02	3.7
A_44_P898195	NM_001134604	498392	Cyt1	cytokine like 1	1.76E-01	NS	1.97E-01	NS	4.28E-02	3.9
A_64_P162589	NM_153625	266733	Slc12a8	solute carrier family 12 (potassium/chloride transporters), member 8	9.32E-01	NS	2.19E-01	NS	1.02E-02	4.0
A_44_P316364	NM_001077675	365377	Trim72	tripartite motif-containing 72	1.81E-01	NS	1.42E-01	NS	3.21E-02	4.0
A_44_P189696	XM_001064803				8.81E-01	NS	7.84E-01	NS	1.91E-03	4.1
A_44_P170874	XM_001079895	294093	Ankrd22	ankyrin repeat domain 22	6.05E-01	NS	2.21E-01	NS	2.48E-02	4.1
A_44_P415274	XM_001070422	363790	Fbxo40	F-box protein 40	6.41E-02	NS	7.18E-02	NS	4.67E-02	4.2
A_44_P241139	XM_001068253	688778	LOC688778	similar to fatty aldehyde dehydrogenase-like	5.96E-01	NS	2.33E-01	NS	2.65E-02	4.3
A_64_P138959	XM_001056326	308064	Cep72	centrosomal protein 72kDa	6.60E-02	NS	2.86E-01	NS	4.01E-03	4.3
A_44_P377886	XM_001053796				9.41E-02	NS	2.64E-01	NS	2.25E-02	4.4
A_44_P390700	NM_031677	63839	Fhl2	four and a half LIM domains 2	1.04E-01	NS	8.65E-01	NS	4.56E-03	4.4
A_64_P072648	NM_019334	54284	Pitx2	paired-like homeodomain 2	5.92E-02	NS	5.11E-02	NS	7.51E-03	4.4
A_44_P181039	NM_022626	64561	Phka1	phosphorylase kinase, alpha 1	1.87E-01	NS	1.14E-01	NS	9.98E-03	4.5
A_64_P024424	NM_001108807	314771	Kera	keratocan	2.98E-01	NS	5.17E-02	NS	1.40E-02	4.5
A_44_P241308	XM_002725321				2.55E-01	NS	8.62E-01	NS	6.73E-03	4.5
A_44_P465233	NM_022603	64535	Fgfbp1	fibroblast growth factor binding protein 1	7.77E-01	NS	9.29E-02	NS	2.90E-02	4.6
A_64_P232269	NM_001099458	308248	Vom2r4	vomeroneasal 2 receptor, 4	1.59E-01	NS	1.35E-01	NS	3.98E-02	4.6
A_44_P447373	NM_013157	25698	Ass1	argininosuccinate synthetase 1	3.98E-01	NS	8.76E-01	NS	4.68E-03	4.7
A_64_P002814	NM_001106690	298555	Grlh3	grainyhead-like 3 (Drosophila)	9.57E-02	NS	7.20E-01	NS	4.84E-02	4.8
A_43_P22288	XM_001068814	688915	Cmya5	cardiomyopathy associated 5	6.89E-02	NS	1.31E-01	NS	3.40E-02	4.8
A_64_P116299	XM_001081221	501296	LOC501296	hypothetical gene 1 supported by BC059164	7.18E-01	NS	9.08E-01	NS	4.99E-02	5.0
A_64_P131826	XM_001078623				4.54E-01	NS	2.90E-01	NS	2.39E-02	5.0
A_44_P227243	NM_001108582	362136	Dapl1	death associated protein-like 1	3.80E-01	NS	7.70E-01	NS	3.46E-02	5.0
A_44_P991335	NM_001109380	679870	Capns2	calpain, small subunit 2	6.28E-01	NS	2.15E-01	NS	4.81E-02	5.6
A_64_P094423	NM_001106934	302328	Pof1b	premature ovarian failure 1B	9.65E-01	NS	7.54E-01	NS	4.38E-02	5.7
A_44_P638511	NM_001014092	315741	Paqr5	progesterin and adipoQ receptor family member V	8.85E-01	NS	1.19E-01	NS	1.19E-02	5.7
A_44_P563447	NM_001108227	316527	Wnt10a	wingless-type MMTV integration site family, member 10A	5.40E-02	NS	5.86E-02	NS	4.77E-02	5.8
A_64_P081939	XR_007793				2.96E-01	NS	9.56E-02	NS	7.90E-03	6.0
A_44_P461130	NM_183333	369017	Krt5	keratin 5	9.37E-01	NS	6.11E-01	NS	2.94E-02	6.3
A_42_P665039	NM_001106366	294027	Col17a1	collagen, type XVII, alpha 1	6.74E-02	NS	5.14E-01	NS	4.88E-02	6.3
A_43_P15281	NM_019221	246334	Tp63	tumor protein p63	5.99E-01	NS	3.04E-01	NS	4.97E-02	6.9
A_64_P068714	XM_344557	364653	LOC364653	similar to WD repeat domain 17	6.42E-01	NS	2.43E-01	NS	1.86E-02	7.2
A_64_P134717	NM_001101007	683313	LOC683313	similar to keratin complex 2, basic, gene 6a	6.42E-01	NS	9.38E-01	NS	4.76E-02	7.3
A_64_P029980	NM_001107181	304822	Pkp1	plakophilin 1	7.90E-01	NS	1.71E-01	NS	4.79E-02	8.5
A_64_P109854	XM_002726225	295714	RGD1311224	similar to fatty acid desaturase 2; linoleoyl-CoA desaturase (delta-6-desaturase)-like 2; delta-6 fatty acid desaturase	3.13E-01	NS	9.61E-02	NS	4.16E-02	8.5
A_64_P150884	NM_001108388	361086	Scel	sciellin	6.47E-01	NS	2.83E-01	NS	1.86E-02	9.8
A_64_P105389	NM_001008806	315323	Krt4	keratin 4	6.44E-01	NS	8.71E-02	NS	3.95E-02	10.2
A_44_P478144	NM_001106063	290595	LOC290595	hypothetical gene supported by AF152002	3.74E-01	NS	1.88E-01	NS	4.33E-02	10.9

A_64_P019851	XM_002726225	295714	RGD1311224	similar to fatty acid desaturase 2; linoleoyl-CoA desaturase (delta-6-desaturase)-like 2; delta-6 fatty acid desaturase	2.87E-01	NS	1.75E-01	NS	3.40E-02	11.6
A_64_P140148	XR_007793				1.87E-01	NS	7.59E-02	NS	6.41E-03	12.0
A_44_P201201	XM_002725875	25681	Col10a1	collagen, type X, alpha 1	9.29E-02	NS	1.18E-01	NS	3.54E-02	12.2
A_44_P1026260	NM_057108	116589	Serpib5	serine (or cysteine) peptidase inhibitor, clade B, member 5	5.66E-02	NS	9.92E-01	NS	3.49E-02	15.2
A_44_P438272	NM_022859	64827	Crisp1	cysteine-rich secretory protein 1	1.85E-01	NS	1.53E-01	NS	2.61E-02	15.4
A_64_P046288	NM_001002290	432393	Kprp	keratinocyte proline-rich protein	8.88E-01	NS	7.98E-02	NS	2.91E-02	16.8
A_64_P134075	NM_001101007	683313	LOC683313	similar to keratin complex 2, basic, gene 6a	5.55E-01	NS	2.11E-01	NS	4.78E-02	21.0
A_44_P1004757	NM_153733	266775	Serpib10	serine (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 10	5.67E-01	NS	4.20E-01	NS	2.57E-02	21.3
A_42_P471653	NM_001031654	306283	Anxa8	annexin A8	6.02E-01	NS	6.41E-01	NS	1.15E-02	21.5
A_44_P196849	XM_344627	364774	Calm4	calmodulin 4	4.56E-01	NS	7.16E-02	NS	2.36E-02	22.9
A_44_P499003	NM_001135867	304692	Serpib12	serine (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 12	2.14E-01	NS	1.38E-01	NS	4.40E-02	28.3
A_64_P115536	NM_212545	287702	Krt17	keratin 17	5.11E-01	NS	5.20E-01	NS	5.98E-03	28.4
A_64_P008246	NM_001105877	288075	Stfa3	stefin A3	1.87E-01	NS	1.13E-01	NS	2.24E-02	29.5
A_42_P464974	NM_001130552	315075	Ly6d	lymphocyte antigen 6 complex, locus D	8.58E-01	NS	3.30E-01	NS	3.13E-02	54.4

NS: Not Significantly regulated. A negative fold change indicates gene is down-regulated and a positive fold change indicates gene is up-regulated.

MN (male, night group); FN (female, night group); FM (female, morning group).

Table SI-2. Sub-Network Cell Processes (Top 100 pathways) for animals sampled at night

A. Male rats sampled at night

Type	Total # of	Overlap	Percent	Gene Set Seed	Overlapping Entities	p-value	#
Pathway	6179	324	5	Cell proliferation	CCDC154,HBEGF,AQP	8.30E-14	1
Pathway	5424	284	5	cell differentiation	TET2,HBEGF,AQP4,SL	1.99E-11	2
Pathway	5852	296	5	Apoptosis	SH3RF2,HBEGF,AQP4,	3.40E-10	3
Pathway	3544	199	5	cell death	HBEGF,AQP4,SLC4A1,	4.93E-10	4
Pathway	2674	156	5	cell migration	HBEGF,AQP4,AQP1,PT	6.31E-09	5
Pathway	2094	127	6	Vascularization	HBEGF,SLC4A1,AQP1,	2.74E-08	6
Pathway	3935	207	5	cell growth	HBEGF,AQP1,PTHLH,N	5.02E-08	7
Pathway	3401	183	5	cell cycle	HBEGF,AQP4,SLC4A1,	9.18E-08	8
Pathway	1278	83	6	pregnancy	HBEGF,SLC4A1,AQP1,	7.28E-07	9
Pathway	1445	91	6	oxidative stress	HBEGF,NPY,POMC,HSI	7.59E-07	10
Pathway	489	41	8	contractile activity	PTHLH,NPY,POMC,HSI	1.65E-06	11
Pathway	2459	136	5	cell survival	HBEGF,PTHLH,POMC,I	1.73E-06	12
Pathway	2068	118	5	endocytosis	HBEGF,AQP4,SLC4A1,	2.26E-06	13
Pathway	1809	105	5	cell adhesion	HBEGF,AQP4,SLC4A1,	4.34E-06	14
Pathway	695	51	7	heart function	HBEGF,PTHLH,NPY,PC	4.58E-06	15
Pathway	229	24	10	decidualization	HBEGF,PTHLH,PRL,DE	6.79E-06	16
Pathway	595	45	7	neuroprotection	NPY,HSPA1A,HSPB2,IC	7.92E-06	17
Pathway	2112	117	5	Embryonal development	HBEGF,PTHLH,NPY,PC	1.03E-05	18
Pathway	1182	74	6	regeneration	HBEGF,AQP1,PTHLH,N	1.13E-05	19
Pathway	742	52	6	lumen formation	HBEGF,AQP1,PTHLH,N	1.34E-05	20
Pathway	1443	86	5	contraction	HBEGF,SLC4A1,PTHLH	1.38E-05	21
Pathway	883	59	6	neuronal death	PTHLH,POMC,HSPA1A	1.46E-05	22
Pathway	498	39	7	eating behavior	SLC15A1,PTHLH,NPY,F	1.47E-05	23
Pathway	847	57	6	G2/M transition	CCDC154,AQP4,PTHLH	1.67E-05	24
Pathway	652	47	7	SMC proliferation	HBEGF,PTHLH,NPY,MY	1.73E-05	25
Pathway	1547	90	5	morphogenesis	HBEGF,PTHLH,HSPA1A	2.15E-05	26
Pathway	567	42	7	blood circulation	HBEGF,AQP1,PTHLH,N	2.60E-05	27
Pathway	1390	82	5	ROS generation	HBEGF,AQP4,NPY,POM	3.21E-05	28
Pathway	1414	83	5	cell motility	HBEGF,AQP1,PTHLH,N	3.41E-05	29
Pathway	691	48	6	ossification	PTHLH,NPY,PRL,MYC,I	3.62E-05	30
Pathway	792	53	6	mitotic entry	HBEGF,PTHLH,NPY,PC	3.87E-05	31
Pathway	240	23	9	muscle development	PTHLH,POMC,DES,IGF	4.40E-05	32
Pathway	227	22	9	hormone secretion	SLC15A1,PTHLH,NPY,F	5.43E-05	33
Pathway	46	9	19	response to starvation	SLC15A1,NPY,POMC,C	5.51E-05	34
Pathway	1504	86	5	inflammatory response	HBEGF,PTHLH,NPY,PC	6.20E-05	35
Pathway	109	14	12	thyroid function	NPY,PRL,IL1B,GCG,VW	6.66E-05	36
Pathway	812	53	6	relaxation	SLC4A1,AQP1,PTHLH,I	7.44E-05	37
Pathway	85	12	13	exit from mitosis	CCNE1,CDK1,HSP90A,	8.90E-05	38
Pathway	861	55	6	life span	SLC4A1,PTHLH,NPY,H	9.60E-05	39
Pathway	1117	67	5	DNA Damage	HBEGF,POMC,HSPA1A	0.00011	40
Pathway	610	42	6	myogenesis	DES,MYC,IGF2,IL1B,M	0.00014	41
Pathway	1672	92	5	mitosis	HBEGF,SLC4A1,NPY,P	0.00014	42
Pathway	611	42	6	vasodilation	HBEGF,PTHLH,NPY,PC	0.00014	43
Pathway	52	9	16	vasopressin secretion	NPY,POMC,PRL,IL1B,C	0.00015	44

Pathway	654	44	6 immunoreactivity	HBEGF,AQP4,NPY,POMC	0.00016	45
Pathway	446	33	7 kidney function	HBEGF,AQP1,PTHLH,NPY	0.00019	46
Pathway	485	35	7 vasoconstriction	HBEGF,PTHLH,NPY,PC	0.0002	47
Pathway	320	26	8 muscle function	AQP4,PTHLH,NPY,POMC	0.00022	48
Pathway	589	40	6 protein folding	SLC4A1,HSPA1A,MYC,IL1B	0.00026	49
Pathway	1197	69	5 cell invasion	HBEGF,SLC4A1,PTHLH,NPY	0.00028	50
Pathway	221	20	9 kinetochore assembly	CDK1,HSP90AA1,ESPL1	0.00029	51
Pathway	515	36	6 adipocyte differentiation	HBEGF,PTHLH,NPY,PR	0.0003	52
Pathway	205	19	9 thermogenesis	NPY,POMC,HSPA1A,PF	0.00031	53
Pathway	1115	65	5 actin organization	NPY,POMC,HSPA1A,PF	0.00031	54
Pathway	58	9	15 response to heat shock	POMC,HSPA1A,HSPB2	0.00034	55
Pathway	1316	74	5 immunity	NPY,POMC,HSPA1A,PF	0.00035	56
Pathway	175	17	9 lymphangiogenesis	PRL,MYC,IGF2,IL1B,PC	0.00037	57
Pathway	26	6	22 M/G1 transition	CCNE1,CDK1,CCNA2,C	0.00042	58
Pathway	373	28	7 reproduction	HBEGF,NPY,POMC,HS	0.00047	59
Pathway	116	13	11 leukocyte accumulation	NPY,POMC,HSPA1A,IL	0.00047	60
Pathway	374	28	7 gluconeogenesis	NPY,POMC,MYC,IGF2,I	0.00049	61
Pathway	1875	98	5 DNA replication	HBEGF,PTHLH,NPY,PC	0.0005	62
Pathway	338	26	7 endothelial cell adhesion	HBEGF,SLC4A1,NPY,P	0.00051	63
Pathway	197	18	9 skeletal development	PTHLH,MYC,MMP2,NO	0.00052	64
Pathway	63	9	14 DNA replication checkpoint	MYC,CCNE1,CDK1,MR	0.00063	65
Pathway	105	12	11 fluid transport	AQP4,AQP1,NPY,PRL,I	0.00065	66
Pathway	402	29	7 microtubule cytoskeleton as	HSPA1A,FPR1,TNNC1,I	0.0007	67
Pathway	661	42	6 protein degradation	NPY,POMC,HSPA1A,IG	0.00072	68
Pathway	186	17	9 capillary permeability	NPY,MYC,IL1B,ALOX5,I	0.00074	69
Pathway	138	14	10 diuresis	AQP4,AQP1,PTHLH,NF	0.00078	70
Pathway	1289	71	5 calcium ion homeostasis	HBEGF,AQP4,PTHLH,N	0.00081	71
Pathway	1004	58	5 memory	HBEGF,AQP4,NPY,POM	0.00082	72
Pathway	1880	97	5 immune response	AQP4,SLC15A1,PTHLH	0.00083	73
Pathway	313	24	7 chromosome segregation	GAS2L3,CDK1,HSP90A	0.00087	74
Pathway	20	5	23 muscle maintenance	HSPB2,HSPB1,CRYAB,	0.00092	75
Pathway	225	19	8 appetite	PTHLH,NPY,POMC,PRI	0.00096	76
Pathway	279	22	7 response to hypoxia	MYC,HSPB2,IL1B,CAT,I	0.00098	77
Pathway	298	23	7 bone development	PTHLH,PRL,IGF2,IL1B,	0.00101	78
Pathway	949	55	5 senescence	SLC4A1,POMC,HSPA1,	0.00103	79
Pathway	842	50	5 transmission of nerve impul	AQP4,NPY,POMC,HSP	0.00104	80
Pathway	227	19	8 neuron apoptoses	AQP4,HSPA1A,MYC,IL	0.00107	81
Pathway	282	22	7 regulation of action potentie	NPY,POMC,IL1B,CAT,K	0.00113	82
Pathway	1021	58	5 exocytosis	SLC4A1,AQP1,PTHLH,I	0.00122	83
Pathway	828	49	5 G1/S transition	HBEGF,PTHLH,HSPA1,	0.00125	84
Pathway	341	25	7 ovulation	POMC,PRL,IGF2,IL1B,I	0.00129	85
Pathway	32	6	18 leukocyte aggregation	FPR1,MMP2,C5,SELP,\	0.0013	86
Pathway	196	17	8 muscle regeneration	AQP1,HSPA1A,DES,IGI	0.00131	87
Pathway	196	17	8 visual learning	NPY,HSPA1A,IL1B,GCC	0.00131	88
Pathway	380	27	7 blood vessel development	PTHLH,PRL,MYC,IL1B,	0.00132	89
Pathway	480	32	6 osteoblast differentiation	HBEGF,PTHLH,POMC,I	0.00141	90
Pathway	288	22	7 perception of pain	AQP4,AQP1,NPY,POMC	0.00147	91

Pathway	307	23	7	placenta development	PTHLH,PRL,IGF2,IL1B,	0.0015	92
Pathway	326	24	7	bone remodeling	PTHLH,NPY,POMC,PRI	0.00151	93
Pathway	33	6	17	thyroid hormone generation	NPY,POMC,GCG,TSHR	0.00153	94
Pathway	101	11	10	cellular extravasation	POMC,IL1B,ALOX5,FPI	0.0016	95
Pathway	328	24	7	response to stress	NPY,POMC,HSPA1A,Pf	0.00164	96
Pathway	671	41	6	synaptic plasticity	HBEGF,AQP4,NPY,POM	0.00173	97
Pathway	351	25	7	cell aging	SLC4A1,HSPA1A,MYC,	0.00191	98
Pathway	592	37	6	Glucose metabolism	HBEGF,NPY,POMC,HSI	0.00195	99
Pathway	410	28	6	glucose homeostasis	HBEGF,NPY,POMC,PRI	0.00195	100

B. Female Rats Sampled at Night

Type	Total # of	Overlap	Percent	Gene Set Seed	Overlapping Entities	p-value	#
Pathway	5852	482	8	Apoptosis	SPINK2,SYT1,ICAM1,P	9.17E-15	1
Pathway	6179	483	7	Cell proliferation	NACC1,ICAM1,P2RX2,1	1.05E-10	2
Pathway	5424	432	7	cell differentiation	ICAM1,P2RX2,SLC9A3	1.94E-10	3
Pathway	3544	296	8	cell death	ICAM1,P2RX2,AQP4,P	7.62E-09	4
Pathway	3935	320	8	cell growth	ICAM1,SLC2A4,PTGS2	2.50E-08	5
Pathway	3401	281	8	cell cycle	ICAM1,AQP4,PTGS2,E	6.35E-08	6
Pathway	1672	152	9	mitosis	ICAM1,PTGS2,EGF,IRS	8.05E-07	7
Pathway	1547	141	9	morphogenesis	ICAM1,PTGS2,EGF,IRS	1.86E-06	8
Pathway	1129	109	9	S phase	PTGS2,EGF,PTK2B,CA	2.42E-06	9
Pathway	2674	219	8	cell migration	ICAM1,AQP4,PTGS2,E	5.70E-06	10
Pathway	2112	179	8	Embryonal development	PTGS2,EGF,MARCKS,1	6.85E-06	11
Pathway	847	84	9	G2/M transition	AQP4,PTGS2,EGF,FAS	1.39E-05	12
Pathway	32	10	30	vein development	TGFB1,DUSP6,FBN1,H	2.06E-05	13
Pathway	1414	125	8	cell motility	ICAM1,SLC2A4,PTGS2	3.22E-05	14
Pathway	331	40	12	M phase	PTGS2,EGF,TGFB1,MS	4.61E-05	15
Pathway	221	30	13	kinetochore assembly	HSP90AA1,PLK1,CHEK	5.01E-05	16
Pathway	2459	198	8	cell survival	ICAM1,SLC2A4,PTGS2	5.09E-05	17
Pathway	772	75	9	meiosis	PTGS2,EGF,TGFB1,IGf	7.94E-05	18
Pathway	355	41	11	dedifferentiation	SLC2A4,PTGS2,EGF,T	0.0001	19
Pathway	703	69	9	oncogenesis	NACC1,PTGS2,EGF,IR	0.00011	20
Pathway	691	68	9	ossification	PTGS2,EGF,IRS1,PTK2	0.00012	21
Pathway	63	13	20	DNA replication checkpoint	PLK1,CHEK1,CHEK2,B	0.00013	22
Pathway	580	59	10	response to drug	ICAM1,PTGS2,EGF,FA	0.00014	23
Pathway	621	62	9	response to DNA damage	PTGS2,CASP8,TGFB1,	0.00016	24
Pathway	214	28	13	macrophage differentiation	CASP8,POMC,IL13,TGI	0.00017	25
Pathway	225	29	12	G2 phase	EGF,GSN,PRKCB,HSP	0.00017	26
Pathway	152	22	14	genetic instability	EGF,TGFB1,BCL2L1,HI	0.0002	27
Pathway	176	24	13	G2/M checkpoint	PTGS2,PLK1,CHEK1,E	0.00026	28
Pathway	1182	103	8	regeneration	ICAM1,SLC2A4,PTGS2	0.00028	29
Pathway	328	37	11	response to stress	ICAM1,PTGS2,PTK2B,C	0.00035	30
Pathway	341	38	11	chemosensitivity	PTGS2,CSF2,HSPB1,B	0.00037	31
Pathway	828	76	9	G1/S transition	PTGS2,EGF,IRS1,PTK2	0.00041	32
Pathway	1239	106	8	neurite outgrowth	SYT1,EGF,PTK2B,MAR	0.00045	33
Pathway	792	73	9	mitotic entry	ICAM1,SLC2A4,PTGS2	0.00048	34

Pathway	110	17	15 mitotic checkpoint	CASP8,PLK1,CHEK1,E	0.00049	35
Pathway	240	29	12 muscle development	POMC,TGFB1,IGF2,MS	0.0005	36
Pathway	688	65	9 hemopoiesis	ICAM1,PTGS2,EGF,FA	0.00051	37
Pathway	2068	164	7 endocytosis	SYT1,ICAM1,SLC9A3,S	0.00052	38
Pathway	38	9	23 fibroblast accumulation	PTGS2,FASLG,IL13,TG	0.00052	39
Pathway	196	25	12 muscle regeneration	PTGS2,EGF,TGFB1,IGF	0.00054	40
Pathway	1471	122	8 cytokinesis	ICAM1,PTGS2,EGF,MA	0.00057	41
Pathway	155	21	13 ER-associated protein catal	HSP90AA1,DDIT3,HSP	0.00068	42
Pathway	402	42	10 microtubule cytoskeleton as	SYT1,EGF,TGFB1,PRK	0.00072	43
Pathway	189	24	12 GO'	PTGS2,EGF,MARCKS,F	0.00074	44
Pathway	416	43	10 erythrocyte differentiation	SLC2A4,EGF,FASLG,C	0.00078	45
Pathway	7	4	50 nerve maturation	TGFB1,BCL2L1,COL15	0.00085	46
Pathway	610	58	9 myogenesis	PTGS2,EGF,IRS1,MAR	0.00086	47
Pathway	1445	119	8 oxidative stress	ICAM1,PTGS2,EGF,IRS	0.00086	48
Pathway	76	13	16 xenobiotic metabolism	PTGS2,POMC,GSTP1,I	0.00086	49
Pathway	1875	149	7 DNA replication	ICAM1,SLC2A4,PTGS2	0.00089	50
Pathway	86	14	16 mitotic spindle assembly	PLK1,CHEK1,CHEK2,B	0.00091	51
Pathway	335	36	10 chromosome condensation	PTGS2,CASP8,TGFB1,	0.00103	52
Pathway	589	56	9 protein folding	TGFB1,HSPB2,CCL2,C	0.00105	53
Pathway	595	56	9 neuroprotection	P2RX2,PTGS2,FASLG,I	0.00132	54
Pathway	770	69	8 neurogenesis	P2RX2,AQP4,PTGS2,E	0.00142	55
Pathway	380	39	10 chondrogenesis	EGF,FASLG,TGFB1,IGF	0.00153	56
Pathway	283	31	10 B lymphocyte differentiation	ICAM1,IRS1,FASLG,IL1	0.00166	57
Pathway	2094	162	7 Vascularization	ICAM1,PTGS2,EGF,IRS	0.00167	58
Pathway	102	15	14 protein processing	TGFB1,HSPB2,HSP90A	0.00172	59
Pathway	524	50	9 G0/G1 transition	PTGS2,EGF,PTK2B,MA	0.00177	60
Pathway	74	12	16 colorectal motility	PTGS2,GAL,POMC,AD	0.00216	61
Pathway	783	69	8 epithelial to mesenchymal t	PTGS2,EGF,IRS1,PTK2	0.00216	62
Pathway	388	39	10 cell homeostasis	ICAM1,PTGS2,EGF,FA	0.00222	63
Pathway	1443	116	8 contraction	ICAM1,P2RX2,SLC9A3	0.00231	64
Pathway	38	8	20 epithelial cell interaction	ICAM1,TGFB1,IGF2,SH	0.00238	65
Pathway	207	24	11 lung function	ICAM1,PTGS2,IL13,TG	0.00257	66
Pathway	418	41	9 macrophage activation	ICAM1,PTGS2,FASLG,I	0.00272	67
Pathway	419	41	9 ER unfolded protein respon	CASP8,TGFB1,HSPB2,	0.00283	68
Pathway	16	5	29 alveolar macrophage functi	ICAM1,IL13,TGFB1,CSI	0.00304	69
Pathway	88	13	14 epidermal proliferation	EGF,TGFB1,CSF2,SHH	0.00331	70
Pathway	908	77	8 growth rate	ICAM1,PTGS2,EGF,MA	0.00339	71
Pathway	1278	103	8 pregnancy	ICAM1,SLC2A4,PTGS2	0.00374	72
Pathway	312	32	10 DNA methylation	ICAM1,PTGS2,EGF,CA	0.00394	73
Pathway	146	18	12 male gonad development	EGF,TGFB1,HSP90AA1	0.0045	74
Pathway	1504	118	7 inflammatory response	ICAM1,PTGS2,EGF,PTI	0.00471	75
Pathway	687	60	8 spindle assembly	EGF,TGFB1,PRKCB,PF	0.00497	76
Pathway	52	9	16 keratinization	EGF,TGFB1,CSF2,HSP	0.00501	77
Pathway	381	37	9 genome instability	PTGS2,TGFB1,HRAS,F	0.00502	78
Pathway	125	16	12 immune cell chemotaxis	ICAM1,TGFB1,CCL2,C	0.00504	79
Pathway	305	31	10 engraftment	ICAM1,EGF,FASLG,TGI	0.00513	80
Pathway	661	58	8 protein degradation	SLC9A3,PTGS2,EGF,IF	0.00517	81

Pathway	207	23	11 cell cycle checkpoint	EGF,HSP90AA1,CHEK1	0.00528	82
Pathway	869	73	8 cell development	ICAM1,PTGS2,EGF,PTI	0.00537	83
Pathway	637	56	8 viral reproduction	ICAM1,PTGS2,EGF,FAS	0.00572	84
Pathway	693	60	8 locomotion	ICAM1,AQP4,PTGS2,EGF	0.00597	85
Pathway	861	72	8 life span	ICAM1,SLC2A4,PTGS2	0.0063	86
Pathway	695	60	8 heart function	ICAM1,P2RX2,SLC2A4	0.00634	87
Pathway	654	57	8 immunoreactivity	P2RX2,AQP4,PTGS2,EGF	0.00636	88
Pathway	323	32	9 osteoclast formation	ICAM1,PTGS2,EGF,PTI	0.00655	89
Pathway	27	6	21 skin changes	PTGS2,TGFB1,CCL2,IL1	0.00659	90
Pathway	1289	102	7 calcium ion homeostasis	SYT1,ICAM1,P2RX2,AC	0.00663	91
Pathway	85	12	13 exit from mitosis	HSP90AA1,PLK1,CCN1	0.00678	92
Pathway	118	15	12 ovarian follicle development	EGF,POMC,TGFB1,IGF	0.00695	93
Pathway	363	35	9 osteoclast differentiation	ICAM1,PTGS2,FASLG,IL1	0.00697	94
Pathway	249	26	10 phagocyte activity	ICAM1,EGF,POMC,IL1	0.00706	95
Pathway	1021	83	8 exocytosis	SYT1,ICAM1,P2RX2,SL	0.00718	96
Pathway	742	63	8 lumen formation	ICAM1,PTGS2,EGF,PTI	0.00747	97
Pathway	1197	95	7 cell invasion	ICAM1,PTGS2,EGF,PTI	0.00801	98
Pathway	109	14	12 testis function	PTGS2,EGF,POMC,TG	0.00822	99
Pathway	279	28	10 response to hypoxia	P2RX2,SLC2A4,PTGS2	0.00895	100

Table SI-3. Common Sub-Network Cell Processes

A. Males and Females Sampled at Night

Type	Total # of Overlap	Gene Set Seed	Overlapping Entities	p-value	#
Pathway	3544	70 cell death	POMC,HSPB2,IGF2,ADRB2,H	2.22E-07	1
Pathway	5852	94 Apoptosis	POMC,HSPB2,IGF2,ADRB2,H	1.07E-05	2
Pathway	589	19 protein folding	HSPB2,HSPB1,GSTP1,PTGS1	3.31E-05	3
Pathway	221	11 kinetochore assembly	PLK1,CCNA2,BUB1B,RAN,TOF	3.95E-05	4
Pathway	229	11 decidualization	IGF2,HSPB1,PTGS1,HSPA5,IN	5.44E-05	5
Pathway	1278	30 pregnancy	POMC,IGF2,ADRB2,HSPB1,C	7.80E-05	6
Pathway	74	6 colorectal motility	POMC,ADRB2,PTGS1,CARTP	0.00019	7
Pathway	240	10 muscle development	POMC,IGF2,HSPB1,INHBA,INH	0.00037	8
Pathway	498	15 eating behavior	POMC,IGF2,ADRB2,C5,INHBA	0.00047	9
Pathway	58	5 response to heat shock	POMC,HSPB2,HSPB1,HSPA5,	0.0005	10
Pathway	61	5 oocyte development	HSPB1,INHBA,MIF,WNT4,INCE	0.00062	11
Pathway	695	18 heart function	POMC,HSPB2,IGF2,ADRB2,H	0.00078	12
Pathway	419	13 ER unfolded protein response	HSPB2,IGF2,HSPB1,HSPA5,H	0.00086	13
Pathway	2112	39 Embryonal development	POMC,IGF2,ADRB2,HSPB1,C	0.00093	14
Pathway	6179	90 Cell proliferation	POMC,HSPB2,IGF2,ADRB2,H	0.00097	15
Pathway	652	17 SMC proliferation	ADRB2,SELP,ID1,INHBA,MIF,N	0.00101	16
Pathway	102	6 protein processing	HSPB2,HSPA5,HYOU1,PARK2	0.00102	17
Pathway	227	9 hormone secretion	POMC,IGF2,ADRB2,ID1,INHBA	0.00104	18
Pathway	196	8 muscle regeneration	IGF2,ADRB2,SELP,HIST2H3C,	0.00164	19
Pathway	199	8 nucleotide-excision repair	POMC,HSPB2,HSPA5,ADA,HP	0.00181	20
Pathway	691	17 ossification	IGF2,ADRB2,PTGS1,ID1,INHBA	0.00189	21
Pathway	118	6 ovarian follicle development	POMC,IGF2,INHBA,NPPC,WN	0.00214	22
Pathway	307	10 placenta development	IGF2,HSPB1,PLCD1,MIF,FAAH	0.0024	23
Pathway	5424	79 cell differentiation	POMC,HSPB2,IGF2,ADRB2,H	0.00265	24
Pathway	595	15 neuroprotection	HSPB2,IGF2,ADRB2,HSPB1,G	0.00276	25
Pathway	2094	37 Vascularization	POMC,HSPB2,IGF2,ADRB2,H	0.0028	26
Pathway	3401	54 cell cycle	POMC,HSPB2,IGF2,HSPB1,G	0.00294	27
Pathway	87	5 sister chromatid cohesion	PLK1,BUB1B,INCENP,CDCA5,	0.00299	28
Pathway	1672	31 mitosis	POMC,IGF2,PTGS1,GJA3,PLK	0.00315	29
Pathway	1390	27 ROS generation	POMC,HSPB2,ADRB2,HSPB1,	0.00316	30
Pathway	544	14 insulin sensitivity	POMC,HSPB2,IGF2,ADRB2,ID	0.00316	31
Pathway	328	10 response to stress	POMC,HSPB2,ADRB2,HSPB1,	0.00384	32
Pathway	94	5 adrenal gland function	POMC,IGF2,PTGS1,MIF,CD46	0.00416	33
Pathway	279	9 response to hypoxia	HSPB2,HSPB1,PTGS1,SELP,H	0.00418	34
Pathway	335	10 chromosome condensation	HSPB2,PLK1,MIF,CCNA2,RAN	0.00444	35
Pathway	817	18 wound healing	POMC,IGF2,ADRB2,HSPB1,P1	0.00452	36
Pathway	1289	25 calcium ion homeostasis	POMC,IGF2,ADRB2,HSPB1,C	0.0046	37
Pathway	761	17 blood clotting	POMC,IGF2,ADRB2,C5,PTGS1	0.00502	38
Pathway	341	10 chemosensitivity	HSPB1,GSTP1,PLK1,ID1,HSP	0.00502	39

Pathway	1445	27 oxidative stress	POMC,HSPB2,ADRB2,HSPB1,	0.00533	40
Pathway	703	16 oncogenesis	IGF2,ADRB2,HSPB1,GSTP1,P	0.00541	41
Pathway	143	6 estrous cycle	POMC,HSPB2,ADRB2,PTGS1,	0.00548	42
Pathway	402	11 microtubule cytoskeleton assembl	PLK1,MIF,NPPC,RAN,PARK2,T	0.00553	43
Pathway	190	7 kidney blood flow	POMC,ADRB2,C5,PTGS1,SEL	0.00557	44
Pathway	193	7 gastric acid secretion	POMC,IGF2,ADRB2,ATP1A1,C	0.00605	45
Pathway	3935	59 cell growth	POMC,HSPB2,IGF2,ADRB2,H	0.00658	46
Pathway	1547	28 morphogenesis	IGF2,SELP,PLCD1,DSP,HSPA5	0.00697	47
Pathway	108	5 cardiomyocyte differentiation	IGF2,INHBA,CCNA2,TBX1,ZNF	0.00741	48
Pathway	2459	40 cell survival	POMC,HSPB2,IGF2,ADRB2,H	0.00783	49
Pathway	205	7 thermogenesis	POMC,ADRB2,PLCD1,ID1,CAF	0.0083	50
Pathway	740	16 G1 phase	POMC,IGF2,ID1,INHBA,TFRC,	0.00866	51
Pathway	207	7 embryo implantation	IGF2,INHBA,MIF,IHH,HPSE,W	0.00873	52
Pathway	373	10 reproduction	POMC,IGF2,INHBA,MIF,CARTP	0.00919	53
Pathway	374	10 gluconeogenesis	POMC,IGF2,ADRB2,INHBA,PR	0.00935	54
Pathway	1880	32 immune response	POMC,HSPB2,IGF2,ADRB2,H	0.00951	55
Pathway	883	18 neuronal death	POMC,HSPB2,IGF2,HSPB1,G	0.00977	56
Pathway	621	14 response to DNA damage	HSPB2,HSPB1,GSTP1,PLK1,I	0.00981	57
Pathway	116	5 leukocyte accumulation	POMC,C5,SELP,MIF,ADA	0.0099	58
Pathway	498	12 cellular immune response	POMC,ADRB2,HSPB1,C5,INH	0.01008	59
Pathway	688	15 hemopoiesis	POMC,IGF2,ADRB2,GSTP1,SE	0.01016	60
Pathway	270	8 interphase	PLK1,HSPA5,CCNA2,BUB1B,F	0.01102	61
Pathway	326	9 bone remodeling	POMC,IGF2,INHBA,MIF,CARTP	0.01107	62
Pathway	122	5 gastrointestinal motility	MIF,CARTPT,ADORA2B,CD46,	0.01211	63
Pathway	331	9 M phase	PLK1,CCNA2,CFB,BUB1B,CC	0.01213	64
Pathway	1182	22 regeneration	POMC,HSPB2,IGF2,HSPB1,C	0.01221	65
Pathway	332	9 heart contraction	ADRB2,HSPB1,C5,MIF,PRKAA	0.01235	66
Pathway	2068	34 endocytosis	POMC,IGF2,ADRB2,HSPB1,C	0.0124	67
Pathway	1117	21 DNA Damage	POMC,IGF2,HSPB1,C5,GSTP1	0.01285	68
Pathway	227	7 neuron apoptoses	HSPB1,GSTP1,NUCB2,PARK2	0.01395	69
Pathway	341	9 ovulation	POMC,IGF2,HSPB1,PTGS1,MI	0.01447	70
Pathway	592	13 Glucose metabolism	POMC,IGF2,ADRB2,HSPA5,IN	0.0154	71
Pathway	288	8 perception of pain	POMC,ADRB2,PTGS1,MIF,CAI	0.0157	72
Pathway	1875	31 DNA replication	POMC,HSPB2,IGF2,ADRB2,C	0.01573	73
Pathway	131	5 gastric emptying	POMC,MIF,CARTPT,CD46,NUC	0.01602	74
Pathway	1504	26 inflammatory response	POMC,HSPB2,IGF2,ADRB2,H	0.01603	75
Pathway	2674	41 cell migration	POMC,HSPB2,IGF2,ADRB2,H	0.01832	76
Pathway	242	7 leukocyte function	POMC,ADRB2,C5,SELP,MIF,AI	0.01911	77
Pathway	361	9 genome stability	PLK1,CCNA2,HPSE,CFB,BUB	0.02015	78
Pathway	192	6 pigmentation	POMC,ADRB2,MIF,IHH,CFB,A	0.02099	79
Pathway	425	10 xenobiotic clearance	POMC,GSTP1,GCLC,MIF,FAA	0.02102	80
Pathway	305	8 engraftment	GSTP1,SELP,PLK1,ID1,ADA,I	0.02132	81
Pathway	143	5 pinocytosis	POMC,HSPB1,INHBA,CD46,TF	0.02243	82
Pathway	693	14 locomotion	POMC,ADRB2,HSPB1,CARTP	0.02316	83

Pathway	197	6 skeletal development	INHBA,IHH,FGFR4,SULF1,PAF	0.02345	84
Pathway	313	8 chromosome segregation	PLK1,BUB1B,RAN,TOP2A,NDX	0.02441	85
Pathway	147	5 salinity response	POMC,IGF2,NPPC,KLK1,PDXK	0.02488	86
Pathway	380	9 chondrogenesis	IGF2,INHBA,NPPC,IHH,WNT4,	0.0269	87
Pathway	847	16 G2/M transition	HSPB1,GSTP1,PLCD1,PLK1,IC	0.02732	88
Pathway	207	6 lung function	ADRB2,GSTP1,PTGS1,SELP,C	0.02892	89
Pathway	324	8 lactation	POMC,PTGS1,ID1,TFRC,CAR	0.02914	90
Pathway	580	12 response to drug	ADRB2,HSPB1,GSTP1,HSPA5	0.02928	91
Pathway	388	9 organogenesis	POMC,IGF2,INHBA,CALCR,IH	0.03017	92
Pathway	388	9 cell homeostasis	HSPB2,GSTP1,PTGS1,HSPA5	0.03017	93
Pathway	155	5 ER-associated protein catabolism	HSPA5,PARK2,DERL3,ERP29,	0.0303	94
Pathway	1443	24 contraction	POMC,HSPB2,IGF2,ADRB2,H	0.03058	95
Pathway	796	15 T lymphocyte proliferation	POMC,IGF2,ADRB2,HSPB1,C	0.03269	96
Pathway	938	17 DNA repair	POMC,GSTP1,PLK1,MIF,CCN	0.03279	97
Pathway	214	6 macrophage differentiation	POMC,HSPB1,SELP,ID1,MIF,C	0.03322	98
Pathway	400	9 glycolysis	POMC,ADRB2,TFRC,MIF,ADA,	0.03558	99
Pathway	342	8 hemato-encephalic barrier	POMC,ADRB2,C5,PTGS1,SEL	0.0382	100

B. Females Sampled at Night and in the Morning

Type	Total # of	Overlap	Gene Set Seed	Overlapping Entities	p-value	#
Pathway	1129	22	S phase	POMC,MSTN,CCL2,GAPDH,SI	9.02E-08	1
Pathway	1875	26	DNA replication	POMC,MSTN,CCL2,GAPDH,SI	3.63E-06	2
Pathway	828	16	G1/S transition	MSTN,GAPDH,SPHK1,PLCD1,	7.61E-06	3
Pathway	740	15	G1 phase	POMC,MSTN,AURKB,CCNB1,I	8.64E-06	4
Pathway	5852	49	Apoptosis	POMC,MSTN,HAVCR1,CCL2,C	0.00012	5
Pathway	908	14	growth rate	POMC,MSTN,GAPDH,MIF,KITL	0.00033	6
Pathway	3935	36	cell growth	POMC,MSTN,CCL2,GAPDH,SI	0.00035	7
Pathway	192	6	pigmentation	POMC,MIF,KITLG,CFB,SLC45	0.0006	8
Pathway	792	12	mitotic entry	POMC,CCL2,SPHK1,MIF,KITL	0.00105	9
Pathway	6179	48	Cell proliferation	POMC,MSTN,HAVCR1,CCL2,C	0.00109	10
Pathway	1278	16	pregnancy	POMC,MSTN,CCL2,SPHK1,MI	0.00117	11
Pathway	3401	31	cell cycle	POMC,MSTN,CCL2,GAPDH,SI	0.00121	12
Pathway	621	10	response to DNA damage	GAPDH,MIF,AURKB,CCNB1,SI	0.0018	13
Pathway	2459	24	cell survival	POMC,MSTN,CCL2,GAPDH,SI	0.00213	14
Pathway	637	10	viral reproduction	CCL2,SPHK1,MIF,PPA1,CFB,P	0.00217	15
Pathway	335	7	chromosome condensation	MIF,AURKB,CCNB1,PPIA,CCN	0.00218	16
Pathway	869	12	cell development	POMC,MSTN,CCL2,KITLG,ZB1	0.0023	17
Pathway	3544	31	cell death	POMC,MSTN,CCL2,GAPDH,SI	0.0024	18
Pathway	176	5	G2/M checkpoint	AURKB,CCNB1,CCNB2,TOPBI	0.00262	19
Pathway	179	5	positive chemotaxis	CCL2,MIF,KITLG,PPIA,CXCL1	0.00282	20
Pathway	355	7	dedifferentiation	HAVCR1,CCL2,GAPDH,SPHK1	0.00301	21
Pathway	1414	16	cell motility	POMC,HAVCR1,CCL2,GAPDH	0.00328	22
Pathway	189	5	G0'	MIF,KITLG,CCND2,MCM2,SMC	0.00355	23
Pathway	580	9	response to drug	SPHK1,MIF,PPIA,ABCA3,TNFS	0.00392	24

Pathway	1182	14 regeneration	POMC,MSTN,HAVCR1,CCL2,C	0.00404	25
Pathway	283	6 B lymphocyte differentiation	GAPDH,MIF,KITLG,SOX4,TNF	0.00422	26
Pathway	381	7 genome instability	AURKB,CCNB1,NAIP,TOPBP1,	0.00442	27
Pathway	402	7 microtubule cytoskeleton assembl	GAPDH,MIF,AURKB,FKBP5,FI	0.00589	28
Pathway	214	5 macrophage differentiation	POMC,CCL2,MIF,KITLG,IRF8	0.00598	29
Pathway	5424	41 cell differentiation	POMC,MSTN,HAVCR1,CCL2,C	0.00607	30
Pathway	516	8 fertilization	POMC,CCL2,KITLG,AURKB,C	0.00652	31
Pathway	221	5 kinetochore assembly	AURKB,CCNB1,RANGAP1,INC	0.00683	32
Pathway	757	10 spermatogenesis	POMC,MIF,KITLG,TSPO,ZBTB	0.00729	33
Pathway	227	5 neuron apoptoses	GAPDH,KITLG,NAIP,PPIA,ZNF	0.00762	34
Pathway	425	7 xenobiotic clearance	POMC,GAPDH,MIF,ABCA3,GS	0.0079	35
Pathway	770	10 neurogenesis	CCL2,MIF,KITLG,ZBTB16,PPIA	0.00817	36
Pathway	231	5 hemostasis	KITLG,F5,MFAP2,PLSCR1,CAI	0.00818	37
Pathway	331	6 M phase	MSTN,KITLG,AURKB,CCNB1,C	0.00885	38
Pathway	236	5 parturition	POMC,CCL2,SPHK1,F5,CLDN	0.00892	39
Pathway	1048	12 chromatin remodeling	GAPDH,AURKB,CCNB1,ZBTB	0.01004	40
Pathway	341	6 ovulation	POMC,CCL2,MIF,SERPINF2,C	0.01015	41
Pathway	1880	18 immune response	POMC,MSTN,CCL2,GAPDH,M	0.01023	42
Pathway	345	6 oocyte maturation	POMC,KITLG,AURKB,CCNB1,I	0.01071	43
Pathway	345	6 B lymphocyte proliferation	POMC,MIF,KITLG,CFB,TNFSF	0.01071	44
Pathway	566	8 leukocyte migration	POMC,CCL2,MIF,KITLG,CCNB	0.01104	45
Pathway	568	8 endothelial cell proliferation	CCL2,SPHK1,MIF,PPIA,SPRY1	0.01126	46
Pathway	1471	15 cytokinesis	POMC,MSTN,GAPDH,SPHK1,I	0.01127	47
Pathway	2068	19 endocytosis	POMC,HAVCR1,CCL2,GAPDH	0.01261	48
Pathway	2674	23 cell migration	POMC,CCL2,SPHK1,PLCD1,M	0.01262	49
Pathway	361	6 genome stability	AURKB,CFB,TOPBP1,FANCD2	0.01315	50
Pathway	589	8 protein folding	CCL2,GAPDH,FKBP5,PPIA,DU	0.01377	51
Pathway	964	11 DNA recombination	POMC,CCL2,CCNB1,TOPBP1,	0.01394	52
Pathway	592	8 Glucose metabolism	POMC,MSTN,CCL2,GAPDH,SI	0.01416	53
Pathway	1672	16 mitosis	POMC,MSTN,GAPDH,MIF,KITL	0.01562	54
Pathway	496	7 steroid metabolism	POMC,MIF,KITLG,TSPO,F5,CC	0.01728	55
Pathway	400	6 glycolysis	POMC,MSTN,GAPDH,MIF,PPA	0.0207	56
Pathway	772	9 meiosis	KITLG,AURKB,CCNB1,PPIA,C	0.02256	57
Pathway	410	6 glucose homeostasis	POMC,MSTN,CCL2,MIF,CCND	0.02303	58
Pathway	1197	12 cell invasion	POMC,CCL2,MIF,SOX4,SERPI	0.02591	59
Pathway	1060	11 cytokine production	POMC,CCL2,GAPDH,SPHK1,M	0.02614	60
Pathway	544	7 insulin sensitivity	POMC,MSTN,CCL2,MIF,FGFR	0.02696	61
Pathway	429	6 stress fiber assembly	CCL2,SPHK1,KITLG,SOX4,SPI	0.02794	62
Pathway	2094	18 Vascularization	POMC,CCL2,SPHK1,PLCD1,M	0.02801	63
Pathway	807	9 calcium mobilization	POMC,CCL2,SPHK1,PLCD1,KI	0.02895	64
Pathway	2112	18 Embryonal development	POMC,MSTN,PLCD1,MIF,KITL	0.0302	65
Pathway	326	5 bone remodeling	POMC,CCL2,MIF,KITLG,MFAP	0.03113	66
Pathway	328	5 response to stress	POMC,MIF,KITLG,FKBP5,TSP	0.03184	67
Pathway	693	8 locomotion	POMC,CCL2,SPHK1,KITLG,TS	0.0325	68

Pathway	703	8 oncogenesis	GAPDH,SPHK1,MIF,AURKB,ZE	0.03493	69
Pathway	341	5 chemosensitivity	GAPDH,SPHK1,MIF,CCNB1,FA	0.03669	70
Pathway	349	5 quiescence	MSTN,MIF,ZBTB16,SPRY1,CC	0.03988	71
Pathway	595	7 neuroprotection	CCL2,GAPDH,KITLG,TSPO,ZE	0.04074	72
Pathway	1289	12 calcium ion homeostasis	POMC,MSTN,CCL2,SPHK1,PL	0.04225	73
Pathway	355	5 receptor internalization	POMC,CCL2,SPHK1,KITLG,SF	0.04239	74
Pathway	1151	11 chemotaxis	POMC,MSTN,CCL2,GAPDH,SI	0.04361	75
Pathway	1445	13 oxidative stress	POMC,MSTN,CCL2,GAPDH,M	0.04418	76
Pathway	742	8 lumen formation	POMC,CCL2,SPHK1,MIF,KITL	0.04559	77
Pathway	742	8 T-cell response	POMC,CCL2,MIF,CCNB1,CFB,	0.04559	78
Pathway	363	5 osteoclast differentiation	CCL2,SPHK1,MIF,KITLG,IRF8	0.04587	79
Pathway	883	9 neuronal death	POMC,CCL2,GAPDH,SPHK1,M	0.047	80
Pathway	1316	12 immunity	POMC,CCL2,MIF,KITLG,CFB,Z	0.04819	81

Table SI-4. Gene Set Enrichment analysis

A. Male Rats Sampled at Night

Name	Type	Total Entities	Expanded # of Entities	# of Measured Entities	Measured Entities	Enrichment Score (ES)	Normalized ES	Median change	p-value	Gene Set Category
INO80 Chromatin Remodeling	Pathway	25	449	319	ORC6, PARG, DNMT3A, H	0.3151	1.552	1.2	0.00E+00	Ariadne Cell Process Pathways
TRRAP/Tip60 Chromatin Remodeling	Pathway	35	412	283	PARG, DNMT3A, H	0.3051	1.45	1.2	0.00E+00	Ariadne Cell Process Pathways
Translation	Pathway	84	1104	259	PTRH1, EEF1A2, F	0.3547	1.681	1.2	0.00E+00	Ariadne Cell Process Pathways
mRNA Transcription and Processing	Pathway	49	391	272	PARG, DNMT3A, H	0.3092	1.475	1.2	0.00E+00	Ariadne Cell Process Pathways
rRNA Transcription and Processing	Pathway	35	292	162	RPL23A, LOC6806	0.4173	1.833	1.3	0.00E+00	Ariadne Cell Process Pathways
Tight Junction Assembly (JAMs)	Pathway	32	119	95	MYH2, MYH7, MYH	-0.5312	-2.25	1.0	0.00E+00	Ariadne Cell Process Pathways
Histone Phosphorylation	Pathway	35	248	173	MAPK12, NCAPG,	0.3712	1.654	1.1	0.00E+00	Ariadne Cell Process Pathways
Single-Strand Mismatch DNA Repair	Pathway	19	125	105	ALKBH1, UBE2V2,	0.3747	1.598	1.2	0.00E+00	Ariadne Cell Process Pathways
Double Strand DNA Homologous Repair	Pathway	30	184	156	ORC6, MCM4, ALK	0.3566	1.596	1.2	0.00E+00	Ariadne Cell Process Pathways
Tight Junction Assembly (Claudins)	Pathway	37	137	106	MYH2, MYH7, MYH	-0.5124	-2.26	1.0	0.00E+00	Ariadne Cell Process Pathways
Tight Junction Assembly (Occludin)	Pathway	38	294	226	MYH2, MYH7, MYH	-0.3175	-1.52	1.2	0.00E+00	Ariadne Cell Process Pathways
Cell cycle	Pathway	140	585	413	MLF1, PKIA, ORC6	0.3394	1.68	1.2	0.00E+00	Ariadne Cell Process Pathways
mRNA Transcription and Processing	Pathway	39	376	266	PARG, DNMT3A, H	0.3105	1.465	1.2	0.00E+00	Ariadne Cell Process Pathways
Actin Cytoskeleton Assembly	Pathway	31	55	41	ACTA1, FLNC, TM	-0.4903	-1.81	1.1	0.00E+00	Ariadne Cell Process Pathways
top GSEA process DNA Replication	Pathway	29	134	107	ORC6, MCM4, MCI	0.3663	1.53	1.3	8.23E-03	Ariadne Cell Process Pathways
DNA Replication	Pathway	29	134	107	ORC6, MCM4, MCI	0.3663	1.565	1.3	8.55E-03	Ariadne Cell Process Pathways
Single-Strand Base Excision DNA Repair	Pathway	20	120	97	ALKBH1, UBE2V2,	0.3565	1.469	1.2	8.77E-03	Ariadne Cell Process Pathways
Histone and DNA Methylation low	Pathway	32	351	237	ORC6, PARG, NCA	0.2994	1.405	1.2	1.19E-02	Ariadne Cell Process Pathways
Double Strand DNA Non-Homologous Repair	Pathway	32	136	99	ALKBH1, UBE2V2,	0.3616	1.475	1.2	1.20E-02	Ariadne Cell Process Pathways
Circadian Clock	Pathway	32	59	46	BHLHE40, NR1D1,	-0.413	-1.58	1.0	1.30E-02	Ariadne Cell Process Pathways
NURD Chromatin Remodeling	Pathway	31	307	190	PARG, NCAPG, DN	0.3057	1.399	1.2	1.49E-02	Ariadne Cell Process Pathways
Histone and DNA Methylation	Pathway	32	351	237	ORC6, PARG, NCA	0.2994	1.416	1.2	1.49E-02	Ariadne Cell Process Pathways
Direct DNA Repair	Pathway	23	129	103	ALKBH1, UBE2V2,	0.3399	1.425	1.1	1.69E-02	Ariadne Cell Process Pathways
Actin Cytoskeleton Assembly	Pathway	31	55	41	ACTA1, FLNC, TM	-0.4903	-1.71	1.1	2.04E-02	Ariadne Cell Process Pathways
top GSEA process DNA Replication	Pathway	29	134	107	ORC6, MCM4, MCI	0.3663	1.529	1.3	2.08E-02	Ariadne Cell Process Pathways
CHRAC Chromatin Remodeling	Pathway	16	289	187	PARG, DNMT3A, H	0.2778	1.264	1.2	3.52E-02	Ariadne Cell Process Pathways
SWI/SNF BRM/BAF Chromatin Remodeling	Pathway	24	284	180	PARG, DNMT3A, H	0.2797	1.282	1.2	4.10E-02	Ariadne Cell Process Pathways

B. GSEA for Female Rats Sampled at Night

Name	Type	Total Entities	Expanded # of Entities	# of Measured Entities	Measured Entities	Enrichment Score (ES)	Normalized ES	Median change	p-value	Gene Set Category
DNA Replication	Pathway	29	134	107	ORC1, TOP2A, GM	0.4828	2.0	1.1	0.00E+00	Ariadne Cell Process Pathways
SWI/SNF BRG1/BAF Chromatin Remodeling	Pathway	25	284	180	SIRT5, HELLS, SU	0.3596	1.6	1.1	0.00E+00	Ariadne Cell Process Pathways
SWI/SNF BRG1/PBAF Chromatin Remodeling	Pathway	26	285	181	SIRT5, ARID2, HEL	0.3724	1.7	1.1	0.00E+00	Ariadne Cell Process Pathways
NURD Chromatin Remodeling	Pathway	31	307	190	SIRT5, HELLS, SU	0.3834	1.8	1.1	0.00E+00	Ariadne Cell Process Pathways
NURF Chromatin Remodeling	Pathway	17	288	177	SIRT5, HELLS, SU	0.3631	1.7	1.1	0.00E+00	Ariadne Cell Process Pathways
CHRAC Chromatin Remodeling	Pathway	16	289	187	SIRT5, HELLS, SU	0.3673	1.7	1.1	0.00E+00	Ariadne Cell Process Pathways
INO80 Chromatin Remodeling	Pathway	25	449	319	SIRT5, PARP2, MP	0.4076	2.0	1.1	0.00E+00	Ariadne Cell Process Pathways
SRCAP Chromatin Remodeling	Pathway	20	284	182	SIRT5, ZNF483, H	0.3391	1.6	1.1	0.00E+00	Ariadne Cell Process Pathways
TRRAP/Tip60 Chromatin Remodeling	Pathway	35	412	283	SIRT5, PARP2, MP	0.3959	1.9	1.1	0.00E+00	Ariadne Cell Process Pathways
Histone and DNA Methylation	Pathway	37	352	238	SIRT5, HELLS, SU	0.4013	1.9	1.1	0.00E+00	Ariadne Cell Process Pathways
Histone Acetylation	Pathway	33	329	227	SIRT5, HELLS, SU	0.3762	1.7	1.1	0.00E+00	Ariadne Cell Process Pathways

Presentation of Endogenous Peptide Antigen Pathway	16	69	41	HLA-C, CD8A, RAE1	0.6715	2.3	1.1	0.00E+00	Ariadne Cell Process Pathways
mRNA Transcription and Processing Pathway	49	391	272	SIRT5, TRAPPC9,	0.3912	1.9	1.1	0.00E+00	Ariadne Cell Process Pathways
rRNA Transcription and Processing Pathway	35	292	162	RPS4Y1, RPS4X,	0.4066	1.8	1.1	0.00E+00	Ariadne Cell Process Pathways
tRNA Transcription and Processing Pathway	20	735	45	BRF1, GTF3C4,	0.493	1.7	1.1	0.00E+00	Ariadne Cell Process Pathways
Tight Junction Assembly (JAMs) Pathway	32	119	95	MYH6, MYH7, MYE	-0.5195	-1.8	1.0	0.00E+00	Ariadne Cell Process Pathways
RNA Gene Silencing Pathway	23	110	56	NUP107, DCP2,	0.4769	1.8	1.1	0.00E+00	Ariadne Cell Process Pathways
Histones Sumoylation Pathway	25	252	169	SIRT5, HELLS, SU	0.3914	1.8	1.1	0.00E+00	Ariadne Cell Process Pathways
Histones Ubiquitylation Pathway	23	334	228	SIRT5, UBE2D1,	0.3247	1.5	1.1	0.00E+00	Ariadne Cell Process Pathways
Histone Phosphorylation Pathway	35	248	173	PARP2, MPG, MAF	0.3854	1.7	1.1	0.00E+00	Ariadne Cell Process Pathways
Direct DNA Repair Pathway	19	129	103	PARP2, MPG, BRIF	0.4017	1.7	1.1	0.00E+00	Ariadne Cell Process Pathways
Single-Strand Mismatch DNA Repair Pathway	19	125	105	PARP2, MPG, BRIF	0.4476	1.9	1.1	0.00E+00	Ariadne Cell Process Pathways
Double Strand DNA Homologous Repair Pathway	30	184	156	PARP2, MPG, BRIF	0.4952	2.2	1.1	0.00E+00	Ariadne Cell Process Pathways
Single-Strand Base Excision DNA Repair Pathway	20	120	97	PARP2, MPG, BRIF	0.4472	1.9	1.1	0.00E+00	Ariadne Cell Process Pathways
Double Strand DNA Non-Homologous Repair Pathway	32	136	99	PARP2, MPG, BRIF	0.4552	1.9	1.1	0.00E+00	Ariadne Cell Process Pathways
Tight Junction Assembly (Claudins) Pathway	37	137	106	MYH6, MYH7, MYE	-0.484	-1.7	1.0	0.00E+00	Ariadne Cell Process Pathways
Cell cycle Pathway	140	585	413	MLF1, PKIA, CDC2	0.3768	1.9	1.1	0.00E+00	Ariadne Cell Process Pathways
Single-Strand Nucleotide Excision DNA Repair Pathway	26	49	32	GTF2H5, RPA1,	0.4706	1.6	1.1	7.52E-03	Ariadne Cell Process Pathways
Actin Cytoskeleton Assembly Pathway	31	55	41	FLNC, ACTA1,	0.5114	-1.6	-1.0	1.87E-02	Ariadne Cell Process Pathways
SWI/SNF BRM/BAF Chromatin Remodeling Pathway	24	284	180	SIRT5, HELLS, SU	0.3596	1.6	1.1	2.04E-02	Ariadne Cell Process Pathways
Mitochondrial Protein Transport Pathway	25	111	99	HSPB3, CRYAB,	0.3157	1.4	1.1	2.56E-02	Ariadne Cell Process Pathways
Tight Junction Assembly (Occludin) Pathway	38	294	226	DDX41, MYH6, MY	-0.3419	-1.3	1.1	2.84E-02	Ariadne Cell Process Pathways
Lectin-induced Complement Pathway Pathway	23	25	11	C5, MASP2, C2,	0.6562	-1.5	-1.2	2.95E-02	Ariadne Cell Process Pathways
Classical Complement Pathway Pathway	26	36	19	C5, C1QL3, C2,	0.56	-1.5	-1.2	4.05E-02	Ariadne Cell Process Pathways
Ubiquitin-dependent Protein Degradation Pathway	15	125	86	UBE2D1, UBE2QL	0.3337	1.3	1.1	4.17E-02	Ariadne Cell Process Pathways

C. GSEA for Female Rats Sampled in the Morning

Name	Type	Total Experiments	# of Measured Entities	Enrichment Normalized Median	p-value	Gene Set Category			
DNA Replication Pathway	29	134	107	TOP2A, POLE2, M	0.4035	1.7	1.1	0.00E+00	Ariadne Cell Process Pathways
INO80 Chromatin Remodeling Pathway	25	449	319	TOP2A, CENPF, CI	0.3275	1.6	1.1	0.00E+00	Ariadne Cell Process Pathways
RNA Gene Silencing Pathway	23	110	56	NUP210, EIF4E, DI	0.4583	1.8	1.2	0.00E+00	Ariadne Cell Process Pathways
Histone Phosphorylation Pathway	35	248	173	TOP2A, AURKB, F	0.3445	1.6	1.1	0.00E+00	Ariadne Cell Process Pathways
Single-Strand Mismatch DNA Repair Pathway	19	125	105	TOP2A, FANCD2, I	0.4087	1.8	1.1	0.00E+00	Ariadne Cell Process Pathways
Double Strand DNA Homologous Repair Pathway	30	184	156	TOP2A, FANCD2, I	0.4253	1.9	1.1	0.00E+00	Ariadne Cell Process Pathways
Single-Strand Base Excision DNA Repair Pathway	20	120	97	TOP2A, FANCD2, I	0.3998	1.7	1.1	0.00E+00	Ariadne Cell Process Pathways
Cell cycle Pathway	140	585	413	MLF1, TOP2A, LAM	0.4189	2.1	1.1	0.00E+00	Ariadne Cell Process Pathways
Histone and DNA Methylation Pathway	37	352	238	SALL1, TOP2A, CE	0.3021	1.5	1.0	4.57E-03	Ariadne Cell Process Pathways
TRRAP/Tip60 Chromatin Remodeling Pathway	35	412	283	TOP2A, CENPF, CI	0.2875	1.4	1.1	4.63E-03	Ariadne Cell Process Pathways
Ubiquitin-dependent Protein Degradation Pathway	15	125	86	PSMB11, UBE2V1,	0.3889	1.6	1.1	4.90E-03	Ariadne Cell Process Pathways
Direct DNA Repair Pathway	19	129	103	TOP2A, FANCD2, I	0.3695	1.6	1.1	5.08E-03	Ariadne Cell Process Pathways
Tight Junction Assembly (Occludin) Pathway	38	294	226	MYOM1, MYH2, M	0.2984	1.4	1.0	5.13E-03	Ariadne Cell Process Pathways
Histone Acetylation Pathway	33	329	227	SALL1, CENPF, CE	0.2737	1.3	1.1	9.52E-03	Ariadne Cell Process Pathways
Actin Cytoskeleton Assembly Pathway	31	55	41	TMOD1, FLNC, AK	0.4626	1.7	1.2	1.04E-02	Ariadne Cell Process Pathways
Double Strand DNA Non-Homologous Repair Pathway	32	136	99	TOP2A, FANCD2, I	0.3864	1.6	1.1	1.07E-02	Ariadne Cell Process Pathways
tRNA Transcription and Processing Pathway	20	735	45	POLR3A, RPP14,	0.4314	1.6	1.1	2.02E-02	Ariadne Cell Process Pathways
Mitochondrial Protein Transport Pathway	25	111	99	DNAJB5, FKBP5,	0.336	1.4	1.1	3.09E-02	Ariadne Cell Process Pathways
Lectin-induced Complement Pathway Pathway	23	25	11	C9, C2, C7, C5,	0.6051	-1.6	-1.3	3.65E-02	Ariadne Cell Process Pathways
Histones Ubiquitylation Pathway	23	334	228	CENPF, CENPA, SI	0.2729	1.3	1.0	3.90E-02	Ariadne Cell Process Pathways