

Table S3.

Up regulated genes, KTR (45' TNF α) versus wild type (45' TNF α), $f_c > 1.5$, $p \leq 0.01$

Gene symbol	Genbank	Fc	P value	Gene name
1700003J08	NM_026594	18.35	0.002648	Mus musculus RIKEN cDNA 4930517K11 gene (4930517K11Rik), mRNA
Errfi1	BC057646	11.74	0.001774	ERBB receptor feedback inhibitor 1
Peg12	NM_013788	6.696	0.0009289	Paternally expressed 12
Lmo1	NM_057173	6.115	0.001363	LIM domain only 1
Dlk1	NM_010052	5.408	0.0008111	Delta-like 1 homolog (Drosophila)
A830059I20Rik	NM_021427	4.859	0.001037	Mus musculus RIKEN cDNA A830059I20 gene (A830059I20Rik), mRNA
Dlk1	NM_010052	4.703	0.0003127	Delta-like 1 homolog (Drosophila)
Frat1	NM_008043	4.577	0.001661	Frequently rearranged in advanced T-cell lymphomas
Frat1	NM_008043	4.351	0.002953	Frequently rearranged in advanced T-cell lymphomas
Ch25h	NM_009890	4.03	0.009872	Cholesterol 25-hydroxylase
AK004158	AK004158	3.636	0.009822	Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, clone:1110038H03 product:unknown EST, full insert sequence.
BC013191	NM_133751	3.506	0.0001906	Mus musculus RIKEN cDNA 1700060H10 gene (1700060H10Rik), mRNA RECORD removed
2900084M21	AK041604	3.037	0.00983	Mus musculus 3 days neonate thymus cDNA, RIKEN full-length enriched library, clone:A630024E20 product:weakly similar to HYPOTHETICAL 39.6 KDA PROTEIN [Homo sapiens], full insert sequence.
Nap113	AK078521	3.017	0.009327	Nucleosome assembly protein 1-like 3
Sirpa	BC062197	2.871	0.006133	Signal-regulatory protein alpha, mRNA
Afap112	NM_146102	2.855	0.008797	Actin filament associated protein 1-like 2
Chd7	BC034239	2.817	0.002232	Chromodomain helicase DNA binding protein 7
Plf2	NM_011118	2.797	0.005527	Proliferin 2
B230334H23	AK083105	2.634	0.0003791	Mus musculus adult male hippocampus cDNA, RIKEN full-length enriched library, clone:C630014L24 product:weakly similar to BRAIN CDNA, CLONE MNCB-0335 [Mus musculus], full insert sequence
Mtss1	NM_144800	2.629	0.001887	Metastasis suppressor 1
Afp	NM_007423	2.607	0.001128	Alpha fetoprotein
Mrpplf4	NM_181852	2.598	0.003866	Mitogen regulated protein, proliferin 4
Eya2	NM_010165	2.591	0.005339	Eyes absent 2 homolog (Drosophila)
Plf2	NM_011118	2.571	0.005067	Mus musculus proliferin 2 (Plf2), mRNA [NM_011118]
NAP024473-001	AK008856	2.569	0.004169	Mus musculus adult male stomach cDNA, RIKEN full-length enriched library, clone:2210408F11 product:unknown EST, full insert sequence.
Kcnmb4	NM_021452	2.407	0.001116	Potassium large conductance calcium-activated channel, subfamily M, beta member 4
Vegfc	NM_009506	2.286	0.002001	Vascular endothelial growth factor C
Serpinb6b	NM_011454	2.277	0.007689	Serine (or cysteine) proteinase inhibitor, clade B, member 6b
Grem1	NM_011824	2.263	0.006437	Gremlin 1
Aim1	NM_172393	2.232	0.004676	Absent in melanoma 1
Gspt2	NM_008179	2.216	0.00759	G1 to S phase transition 2
Gent1	NM_173442	2.207	0.0009692	Glucosaminyl (N-acetyl) transferase 1, core 2
Herc3	NM_028705	2.188	0.002376	Hect domain and RLD 3
Uch11	NM_011670	2.167	0.0005275	Ubiquitin carboxy-terminal hydrolase L1
Aph1a	NM_146104	2.164	0.002168	Anterior pharynx defective 1a homolog (C. elegans)
Sorbs2	BC039163	2.116	0.004391	Sorbin and SH3 domain containing 2
B230339K08	NM_153557	2.114	0.008964	Mus musculus cDNA sequence BC029214 (BC029214), mRNA
Lama5	U37501	2.111	0.004135	Laminin alpha 5 chain
Msrb2	NM_029619	2.097	0.003282	Methionine sulfoxide reductase B2
RPTP-beta	AJ428208	2.065	0.00691	Phosphacan short isoform (RPTP-beta gene)

Gene symbol	Genbank	Fc	P value	Gene name
Rpl7a	NM_013721	2.065	0.006911	Ribosomal protein L7a
Rps23	NM_024175	2.065	0.006896	Ribosomal protein S23
Arbp	NM_007475	2.065	0.00691	Acidic ribosomal phosphoprotein P0
S100a6	NM_011313	2.065	0.00691	S100 calcium binding protein A6 (calyculin)
Rplp1	NM_018853	2.065	0.006908	Ribosomal protein, large, P1
Rps18	NM_011296	2.06	0.00659	Ribosomal protein S18
Sox13	NM_011439	2.037	0.001008	SRY-box containing gene 13
Tspan7	NM_019634	2.03	0.004973	Tetraspanin 7
S100a4	NM_011311	2.017	0.005302	S100 calcium binding protein A4
Gsta4	NM_010357	2.011	0.008301	Glutathione S-transferase, alpha 4
Rpl13	NM_016738	2.008	0.004638	Ribosomal protein L13
Cdy12	NM_029441	2.003	0.005258	Chromodomain protein, Y chromosome-like 2
Prkg2	NM_008926	1.994	0.002933	Protein kinase, cGMP-dependent, type II
Rplp2	NM_026020	1.988	0.004198	Ribosomal protein, large P2
Rps2	NM_008503	1.966	0.007333	Ribosomal protein S2
Ralgps2	NM_023884	1.958	0.009077	Ral GEF with PH domain and SH3 binding motif 2
AK014046	AK014046	1.939	0.007203	Mus musculus 13 days embryo head cDNA, RIKEN full-length enriched library, clone:3110013H01 product:hypothetical protein, full insert sequence.
Hgf	NM_010427	1.926	0.005215	Hepatocyte growth factor
Rps2	BC002186	1.925	0.003953	Ribosomal protein S2
NAP018710-001	XM_622627	1.915	0.008027	PREDICTED: Mus musculus similar to cytoplasmic beta-actin (LOC547246), mRNA Record removed
AK018172	AK018172	1.892	0.0009341	Mus musculus adult male medulla oblongata cDNA, RIKEN full-length enriched library, clone:6330414G02 product:unknown EST, full insert sequence.
Nr2f2	BC094360	1.888	0.001832	Nuclear receptor subfamily 2, group F
1600021P15	BC068245	1.886	0.003554	Mus musculus hypothetical protein A430031N04, mRNA (cDNA clone IMAGE:30020951), containing frame-shift errors.
Rpl27	NM_011289	1.884	0.007164	Ribosomal protein L27
NAP102738-1		1.881	0.002468	
B230317C12Rik	NM_019833	1.866	0.009679	Mus musculus RIKEN cDNA B230317C12 gene (B230317C12Rik), mRNA [NM_019833]
Gsdmhc1	NM_026960	1.862	0.00718	Gasdermin domain containing 1
Uch11	NM_011670	1.862	0.005661	Ubiquitin carboxy-terminal hydrolase L1
Lrrc5	NM_178701	1.859	0.008041	Leucine rich repeat containing 5
Fez1	NM_183171	1.857	0.009523	Fasciculation and elongation protein zeta 1 (zygin I)
Rpl41	NM_018860	1.835	0.009654	Ribosomal protein L41
Itgb7	NM_013566	1.833	0.001309	Integrin beta 7
BC026410	XM_110660	1.826	0.002532	PREDICTED: Mus musculus expressed sequence AI427122 (AI427122), mRNA
Trmt12	NM_026642	1.813	0.005393	tRNA methyltransferase 12 homolog (S. cerevisiae)
Agpat2	NM_026212	1.804	0.003567	1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta)
BC024599	NM_145144	1.796	0.00666	Mus musculus RIKEN cDNA 2810003C17 gene (2810003C17Rik), mRNA
Eef1a1	NM_010106	1.791	0.001097	Eukaryotic translation elongation factor 1 alpha 1
Mgst1	NM_019946	1.789	0.007538	Microsomal glutathione S-transferase 1
Igfbp6	NM_008344	1.788	0.005259	Insulin-like growth factor binding protein 6
Dusp9	NM_029352	1.779	0.009205	Dual specificity phosphatase 9
Cacna2d1	NM_009784	1.777	0.0008515	Calcium channel, voltage-dependent, alpha2/delta subunit 1
2310005P05Rik	NM_026189	1.771	0.0004902	Mus musculus RIKEN cDNA 2310005P05 gene (2310005P05Rik), mRNA

Gene symbol	Genbank	Fc	P value	Gene name
Rps2	NM_008503	1.768	0.005996	Ribosomal protein S2
Rpl8	NM_012053	1.762	0.00715	Ribosomal protein L8
Gent1	NM_010265	1.76	0.002805	Glucosaminyl (N-acetyl) transferase 1, core 2
NAP000014-001	XM_139845	1.76	0.001374	PREDICTED: Mus musculus similar to 40S ribosomal protein S2 (LOC207695), mRNA
Epb4.114a	NM_013512	1.751	0.003864	Erythrocyte protein band 4.1-like 4a
Rps20	NM_026147	1.734	0.005857	Ribosomal protein S20
AK013404	AK013404	1.726	0.001097	Mus musculus 10, 11 days embryo whole body cDNA, RIKEN full-length enriched library, clone:2810473M14 product:unknown EST, full insert sequence.
Hspb1	NM_013560	1.724	0.001141	Heat shock protein 1
Pld2	NM_008876	1.721	0.0003183	Phospholipase D2
Ccl7	NM_013654	1.717	0.007916	Chemokine (C-C motif) ligand 7
Ahnak	NM_009643	1.714	0.00722	AHNAK nucleoprotein (desmoyokin), transcript variant 1
NAP105475-1	BB794657	1.714	0.007837	BB794657 RIKEN full-length enriched, RCB-0545 OHTA cDNA Mus musculus cDNA clone G431001F07 3', mRNA sequence
Rps12	NM_011295	1.708	0.004895	Ribosomal protein S12
Chst1	NM_023850	1.694	0.003881	Carbohydrate (keratan sulfate Gal-6) sulfotransferase 1
Nsd1	AF419220	1.694	0.006179	Mus musculus NSD1 (Nsd1) mRNA
D030047M17	AK050968	1.688	0.0021	Mus musculus 9 days embryo whole body cDNA, RIKEN full-length enriched library, clone:D030047M17 product:unknown EST, full insert sequence.
BC011413	BC011413	1.688	0.005361	Mus musculus mRNA similar to ribosomal protein S20 (cDNA clone MGC:6876 IMAGE:2651405), complete cds.
5730590C14	AK019982	1.685	0.005926	Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, clone:5730590C14 product:hypothetical protein, full insert sequence.
Ccnu	NM_001081062	1.677	0.003367	Cyclin U
Arc	NM_018790	1.675	0.001617	Activity regulated cytoskeletal-associated protein
Esam1	NM_027102	1.669	0.005291	Endothelial cell-specific adhesion molecule
Bcl6b	NM_007528	1.66	0.003199	B-cell CLL/lymphoma 6, member B
Cpt1a	NM_013495	1.658	0.004859	Carnitine palmitoyltransferase 1a, liver
Rnase4	NM_021472	1.657	0.003964	Ribonuclease, RNase A family 4, transcript variant 1
NAP030187-1	XM_621546	1.657	0.0073	PREDICTED: Mus musculus similar to Ribosomal protein S2 (LOC546762), mRNA
Ssbp4	NM_133772	1.643	0.004925	Single stranded DNA binding protein 4
Baz1b	NM_011714	1.634	0.004559	Bromodomain adjacent to zinc finger domain, 1B
Msi2h	NM_054043	1.631	0.0004653	Musashi homolog 2 (Drosophila)
Npepl1	NM_213733	1.629	0.006615	Aminopeptidase-like 1
Rdh10	NM_133832	1.628	0.005945	Retinol dehydrogenase 10 (all-trans)
B230213G13	AK045584	1.626	0.001333	Mus musculus adult male corpora quadrigemina cDNA, RIKEN full-length enriched library, clone:B230213G13 product:unknown EST, full insert sequence.
AK087176	AK086107	1.622	0.005674	Mus musculus 15 days embryo head cDNA, RIKEN full-length enriched library, clone:D930006D18 product:MYOFERLIN (FER-1 LIKE PROTEIN 3) homolog [Homo sapiens], full insert sequence.
Atp1b1	NM_009721	1.622	0.005489	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide
Mgst1	NM_019946	1.614	0.008024	Microsomal glutathione S-transferase 1
Gent1	NM_010265	1.613	0.004347	Glucosaminyl (N-acetyl) transferase 1, core 2
Kctd11	NM_153143	1.61	0.007914	Potassium channel tetramerisation domain containing 11
AK043559	NM_146115	1.607	0.003823	Mus musculus RIKEN cDNA A830007P12 gene (A830007P12Rik), mRNA

Gene symbol	Genbank	Fc	P value	Gene name
Tgfa	NM_031199	1.6	0.007911	Transforming growth factor alpha
4930527A11	XM_134948	1.596	0.0002187	PREDICTED: Mus musculus RIKEN cDNA 2410076I21 gene (2410076I21Rik), mRNA
NAP102091-1		1.594	0.008282	
Pcolce2	NM_029620	1.593	0.002171	Procollagen C-endopeptidase enhancer 2
Apbb1	NM_009685	1.59	0.001705	Amyloid beta (A4) precursor protein-binding, family B, member 1
NAP027878-1		1.583	0.006496	
Centd3	NM_139206	1.582	0.00594	Centaurin, delta 3
Ptpn11	BC059278	1.57	0.002272	Protein tyrosine phosphatase, non-receptor type 11
8030467K01	AK033222	1.565	0.003039	Mus musculus 15 days embryo male testis cDNA, RIKEN full-length enriched library, clone:8030467K01 product:unknown EST, full insert sequence.
Npm1	NM_008722	1.563	0.007538	Nucleophosmin 1
Rps8	NM_009098	1.56	0.005469	Ribosomal protein S8
BC028819	NM_027434	1.559	0.0008046	Mus musculus RIKEN cDNA 2610304G08 gene (2610304G08Rik), mRNA
9630005O07	NM_027434	1.557	0.008289	Mus musculus RIKEN cDNA 2610304G08 gene (2610304G08Rik), mRNA
Chek2	NM_016681	1.556	0.0003032	CHK2 checkpoint homolog (S. pombe)
Fgfbp1	NM_008009	1.549	0.00832	Fibroblast growth factor binding protein 1
AK028246	AK083328	1.544	0.00695	Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched library, clone:C920006H21 product:lymphoid enhancer binding factor 1, full insert sequence.
Mapk8ip	NM_011162	1.539	0.0004169	Mitogen activated protein kinase 8 interacting protein 1
Slc4a7	NM_001033270	1.537	0.008179	Solute carrier family 4, sodium bicarbonate cotransporter, member 7
Rnf170	BC031383	1.534	0.004246	Ring finger protein 170
Inhba	NM_008380	1.528	0.006191	Inhibin beta-A
Dvl2	NM_007888	1.528	0.004836	Dishevelled 2, dsh homolog (Drosophila)
Ninj1	NM_013610	1.526	0.0008588	Ninjurin 1
2010011I20	NM_025912	1.525	0.0008074	Mus musculus RIKEN cDNA 2010011I20 gene (2010011I20Rik), mRNA
Rpl23a	NM_207523	1.524	0.002186	Ribosomal protein L23a
B230315E17	NM_175521	1.523	0.004421	Mus musculus RIKEN cDNA 6430598A04 gene (6430598A04Rik), mRNA
Plec1	NM_201385	1.52	0.008263	Plectin 1, transcript variant 2
Gtf2h3	NM_181410	1.512	0.006472	General transcription factor IIIH, polypeptide 3
Khsrp	NM_010613	1.51	0.004319	KH-type splicing regulatory protein
Bckdhb	NM_199195	1.509	0.008237	Branched chain ketoacid dehydrogenase E1, beta polypeptide
AK081297	NM_145450	1.508	0.003972	Mus musculus cDNA sequence BC022687 (BC022687), mRNA
Ran	NM_009391	1.502	0.006732	RAN, member RAS oncogene family

Down regulated genes, KTR (45' TNF α) versus wild type (45' TNF α), $f_c < 0.667$, $p \leq 0.01$

Gene symbol	Genbank	Fc	P value	Gene name
NAP000805-003	XM_620550	0.0883	0.005954	PREDICTED: Mus musculus hypothetical protein A630026L20 (A630026L20), mRNA
Cnn1	NM_009922	0.0978	0.0006639	Calponin 1
AK007972	XM_283793	0.1116	0.00195	PREDICTED: Mus musculus similar to Myl9 protein (LOC433496), mRNA
NAP062850-1	XM_485982	0.1313	0.001848	PREDICTED: Mus musculus similar to very large inducible GTPase-1 (LOC434222), mRNA
Gvin1	NM_029000	0.197	0.001289	GTPase, very large interferon inducible 1
NAP062850-1	XM_485982	0.1988	0.00523	PREDICTED: Mus musculus similar to very large inducible GTPase-1 (LOC434222), mRNA
AK019479	AK019479	0.2022	0.006168	Mus musculus 0 day neonate skin cDNA, RIKEN full-length enriched library, clone:4632401N01 product:hypothetical protein, full insert sequence.
Gvin1	NM_029000	0.2202	5.71E-05	GTPase, very large interferon inducible 1
Usp18	NM_011909	0.2279	0.00384	Ubiquitin specific protease 18
Fhl1	NM_010211	0.2299	0.0008483	Four and a half LIM domains 1
Oas1f	NM_145153	0.2827	0.008892	2'-5' oligoadenylate synthetase 1F
Acta2	NM_007392	0.284	0.006883	Actin, alpha 2, smooth muscle, aorta
Thy1	NM_009382	0.2847	0.00291	Thymus cell antigen 1, theta
Tagln	NM_011526	0.2957	0.006663	Transgelin
Sulf1	NM_172294	0.3022	0.003612	Sulfatase 1
Rtp4	NM_023386	0.3049	0.0009136	receptor transporter protein 4
H2-DMb1	NM_010387	0.3093	0.0001682	Histocompatibility 2, class II, locus Mb1
Slit3	XM_203363	0.3147	0.001266	PREDICTED: Mus musculus slit homolog 3 (Drosophila), mRNA
Klf8	NM_173780	0.318	7.52E-05	Kruppel-like factor 8
Plac8	NM_139198	0.3186	0.002931	Placenta-specific 8
Trim30	NM_009099	0.3202	0.003293	Tripartite motif protein 30
Gvin1	NM_029000	0.3341	0.009697	GTPase, very large interferon inducible 1
Tagln	NM_011526	0.3401	0.008697	Transgelin
Oas1a	NM_145211	0.3428	0.002358	2'-5' oligoadenylate synthetase 1A
G1p2	NM_015783	0.3456	0.0007558	Interferon, alpha-inducible protein
Itgbl1	NM_145467	0.3501	0.002102	Integrin, beta-like 1
C730018G06	AK050122	0.364	0.007909	Mus musculus adult male liver tumor cDNA, RIKEN full-length enriched library, clone:C730018G06 product:unknown EST, full insert sequence.
Robo2	NM_175549	0.3695	0.008165	Roundabout homolog 2 (Drosophila)
Ifit1	NM_008331	0.3745	0.008209	Interferon-induced protein with tetratricopeptide repeats 1
Pde8b	NM_172263	0.382	0.003771	Phosphodiesterase 8B
Bst2	NM_198095	0.3824	0.009638	Bone marrow stromal cell antigen 2
Gbp3	NM_018734	0.4039	0.003638	Guanylate nucleotide binding protein 3
Sfrp1	NM_013834	0.4098	0.0002753	Secreted frizzled-related sequence protein 1
Cbfa2t1h	NM_009822	0.4266	0.006621	CBFA2T1 identified gene homolog (human)
Phf11	NM_172603	0.4507	0.008324	PHD finger protein 11
Hen3	NM_008227	0.4539	0.002285	Hyperpolarization-activated, cyclic nucleotide-gated K+ 3
LOC56628	NM_001001892	0.4544	0.002074	histocompatibility 2, K1, K region (H2-K1), transcript variant 1
Pde1a	NM_016744	0.466	0.009398	Phosphodiesterase 1A, calmodulin-dependent
Kcnab1	NM_010597	0.4741	0.006635	Potassium voltage-gated channel, shaker-related subfamily, beta member 1
3110052M02	XM_484601	0.4819	0.007615	PREDICTED: Mus musculus RIKEN cDNA 3110052M02 gene (3110052M02Rik), mRNA
1700006C13	XM_489178	0.4855	0.00224	PREDICTED: Mus musculus RIKEN cDNA 6620401M08 gene (6620401M08Rik), mRNA
H2-K1	BC080756	0.4939	0.003382	Histocompatibility 2, K1, K region

Gene symbol	Genbank	Fc	P value	Gene name
Zfp286	NM_138949	0.4984	0.005993	Zinc finger protein 286
Agm	NM_021604	0.5201	0.009017	Agurin
NAP104453-1		0.5213	0.005591	Q7TP79 (Q7TP79) Aa2-245, partial (5%) [TC1434027]
Ctsc	NM_009982	0.5315	0.00753	Cathepsin C
Ifit3	NM_010501	0.5371	0.007416	Interferon-induced protein with tetratricopeptide repeats 3
Ak5	AK053807	0.5406	0.005011	Mus musculus 0 day neonate eyeball cDNA, RIKEN full-length enriched library, clone:E130309L01 product:ADENYLATE KINASE ISOZYME 5 homolog [Mus musculus], full insert sequence.
4632422O06	AK122518	0.5424	0.003056	Mus musculus mRNA for mKIAA1500 protein
Akap12	NM_031185	0.5521	0.005651	A kinase (PRKA) anchor protein (gravin) 12
Gli2	NM_001081125	0.554	0.00503	GLI-Kruppel family member GLI2
Cacna1c	NM_009781	0.5554	0.002913	Calcium channel, voltage-dependent, L type, alpha 1C subunit
Ccng1	NM_009831	0.5584	1.20E-05	Cyclin G1
AK052172	NM_198625	0.5586	0.008266	Mus musculus cDNA sequence BC060632 (BC060632), mRNA
Gpr64	NM_178712	0.5595	0.00589	G protein-coupled receptor 64
6330400M01	AK122576	0.5595	0.008025	Mus musculus mRNA for mKIAA3001 protein.
AK053854	AK053854	0.5656	0.006042	Mus musculus 0 day neonate eyeball cDNA, RIKEN full-length enriched library, clone:E130314P20 product:unknown EST, full insert sequence.
AK003718	AK003718	0.5659	0.002682	Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, clone:1110014O20 product:unknown EST, full insert sequence.
C130051K14	AK081614	0.5664	0.005707	Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:C130051K14 product:unknown EST, full insert sequence.
Cxcl16	AK028875	0.5665	0.006037	Mus musculus 10 days neonate skin cDNA, RIKEN full-length enriched library, clone:4732465K06 product:CXC chemokine ligand 16, full insert sequence.
Pmaip1	NM_021451	0.5673	0.0008866	Phorbol-12-myristate-13-acetate-induced protein 1
Foxo6	NM_194060	0.5698	0.002442	Forkhead box O6
Dgat2	NM_026384	0.5704	0.000662	Diacylglycerol O-acyltransferase 2
Cyba	NM_007806	0.5732	0.001416	Cytochrome b-245, alpha polypeptide
Smpd3	NM_021491	0.575	0.0003079	Sphingomyelin phosphodiesterase 3, neutral
Sash1	NM_175155	0.5759	0.005386	SAM and SH3 domain containing 1
D14Erd171e	NM_177814	0.5789	0.007456	Mus musculus DNA segment, Chr 14, ERATO Doi 171, expressed
Dock4	NM_172803	0.5792	1.90E-06	Dedicator of cytokinesis 4
AK028562	AK028562	0.589	0.006826	Mus musculus 10 days neonate skin cDNA, RIKEN full-length enriched library, clone:4731420E14 product:unknown EST, full insert sequence.
Olf996	NM_146437	0.5906	0.006491	Olfactory receptor 996
9330160D12	NM_175003	0.5907	0.0052	Mus musculus expressed sequence AU040829 (AU040829), mRNA
Itp1	NM_010585	0.5947	0.008033	Inositol 1,4,5-triphosphate receptor 1
AK031716	AK122518	0.597	0.002175	Mus musculus mRNA for mKIAA1500 protein
Gng12	NM_025278	0.601	0.001838	Guanine nucleotide binding protein (G protein), gamma 12
Pcdhb16	NM_053141	0.6018	0.007695	Protocadherin beta 16
Gbp2	NM_010260	0.6026	0.008598	Guanylate nucleotide binding protein 2
Nudcd2	NM_026023	0.603	0.001034	NudC domain containing 2
TC1032971		0.604	0.00866	
Eif5a2	NM_177586	0.6057	0.0067	Eukaryotic translation initiation factor 5A2
Ulk2	NM_013881	0.611	6.22E-05	Unc-51 like kinase 2 (C. elegans)
Dnajc14	NM_028873	0.6116	0.0004883	DnaJ (Hsp40) homolog, subfamily C, member 14
C130073O12	AK081751	0.6142	0.005199	Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:C130073O12 product:hypothetical protein, full insert sequence.
Prkcm	NM_008858	0.6182	0.004474	Protein kinase C, mu

Gene symbol	Genbank	Fc	P value	Gene name
Tnfrsf21	NM_178589	0.6214	0.008793	Tumor necrosis factor receptor superfamily, member 21
Ghr	NM_010284	0.6237	0.002449	Growth hormone receptor
Smpd3	NM_021491	0.6257	0.005263	Sphingomyelin phosphodiesterase 3, neutral
Pcdhb3	NM_053128	0.627	0.001204	Protocadherin beta 3
Gm1012	NM_201367	0.6272	0.004042	Gene model 1012, (NCBI) 67]
AK009522	AK009522	0.6276	0.002675	Mus musculus adult male tongue cDNA, RIKEN full-length enriched library, clone:2310028H24 product:hypothetical Prenyl group binding site (CAAX box) containing protein, full insert sequence.
F3	NM_010171	0.6293	0.007018	Coagulation factor III
NAP040287-1		0.6304	0.004413	
BC058349	BC058349	0.6314	0.002694	Proline-rich transmembrane protein 3
1110033B07	AK027953	0.632	0.00537	Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, clone:1110033B07 product:hypothetical protein, full insert sequence.
5830464M07	AK030937	0.6336	0.00406	Mus musculus adult male thymus cDNA, RIKEN full-length enriched library, clone:5830464M07 product:unknown EST, full insert sequence.
Dgat2	NM_026384	0.635	0.005261	Diacylglycerol O-acyltransferase 2
Ebf2	NM_010095	0.6352	0.004953	Early B-cell factor 2
AK077046	AK077045	0.6361	0.008038	Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4932437H03 product:similar to CENTROSONAL P4.1-ASSOCIATED PROTEIN [Homo sapiens], full insert sequence
Olfm3	NM_153157	0.6363	0.0004698	Olfactomedin 3, transcript variant B
Nexn	NM_199465	0.6403	0.005384	Nexilin
AK033039	AK033039	0.6437	0.004575	Mus musculus adult male eyeball cDNA, RIKEN full-length enriched library, clone:7530403E16 product:unknown EST, full insert sequence.
Lama2	NM_008481	0.6457	0.007093	Laminin, alpha 2
Creb3l2	NM_178661	0.647	0.008575	cAMP responsive element binding protein 3-like 2
Has2	AK045020	0.6474	0.008742	Mus musculus 9.5 days embryo parthenogenote cDNA, RIKEN full-length enriched library, clone:B130019P18 product:hyaluronan synthase 2, full insert sequence.
Elavl2	NM_207685	0.6485	0.0091	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 2 (Hu antigen B),transcript variant 1
Ctdsp2	NM_146012	0.6501	0.004998	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2
Rhbdl6	NM_172572	0.6503	0.006458	Rhomboid, veinlet-like 6 (Drosophila)
1700121C10	AK007220	0.6526	0.005313	Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:1700121C10 product:unclassifiable, full insert sequence.
Bid	NM_007544	0.6527	0.005866	BH3 interacting domain death agonist
AK087334	NM_177700	0.6548	0.006115	Mus musculus cDNA sequence BC060631 (BC060631), mRNA
Hsd3b2	NM_153193	0.6556	0.003237	Hydroxysteroid dehydrogenase-2, delta⁵-3-beta
Alkbh5	NM_172943	0.6564	0.004673	AlkB, alkylation repair homolog 5 (E. coli)
C920008N22	AK083336	0.6592	0.003428	Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched library, clone:C920008N22 product:unknown EST, full insert sequence.
Npr3	AK040677	0.6601	0.003733	Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clone:A530014A01 product:natriuretic peptide receptor 3, full insert sequence.
9030607L17Rik	NM_027829	0.6602	0.0007392	Mus musculus RIKEN cDNA 9030607L17 gene (9030607L17Rik), mRNA
C330021A05Rik	NM_153082	0.6614	0.001722	Mus musculus RIKEN cDNA C330021A05 gene (C330021A05Rik), mRNA
Olfir353	NM_146941	0.6638	0.0001171	Olfactory receptor 353