

Table S3. List of genes, which demonstrated increased expression (fold change ≥ 1.2 and $p \leq 0.05$) in the DG of defeated mice when compared with the controls.

Gene Symbol	Ensembl Id	Gene Name	Fold Change
1500001M20Rik	ENSMUSG00000030316	RIKEN cDNA 1500001M20 gene	1.65
1600014C10Rik	ENSMUSG00000054676	RIKEN cDNA 1600014C10 gene	1.30
1700029115Rik	ENSMUSG00000044916	RIKEN cDNA 1700029115 gene	1.22
1810062G17Rik	ENSMUSG00000027713	RIKEN cDNA 1810062G17 gene	1.31
1810063B05Rik	ENSMUSG00000051671	RIKEN cDNA 1810063B05 gene	1.59
2410017117Rik	ENSMUSG00000038311	RIKEN cDNA 2410017117 gene	1.23
4632419I22Rik	ENSMUSG00000085208	RIKEN cDNA 4632419I22 gene	1.33
4921517D22Rik	ENSMUSG00000049902	RIKEN cDNA 4921517D22 gene	1.23
4930402F06Rik	ENSMUSG00000079421	RIKEN cDNA 4930402F06 gene	1.25
4930430A15Rik	ENSMUSG00000027157	RIKEN cDNA 4930430A15 gene	1.28
4930432M17Rik	ENSMUSG00000074248	RIKEN cDNA 4930432M17 gene	1.26
4930433N12Rik	ENSMUSG00000042360	RIKEN cDNA 4930433N12 gene	1.89
4930526D03Rik	ENSMUSG00000045794	RIKEN cDNA 4930526D03 gene	1.27
4931428L18Rik	ENSMUSG00000086727	RIKEN cDNA 4931428L18 gene	1.22
4933404M02Rik	ENSMUSG00000075302	RIKEN cDNA 4933404M02 gene	1.41
5330438D12Rik	ENSMUSG00000052291	RIKEN cDNA 5330438D12 gene	1.47
5430419D17Rik	ENSMUSG00000006204	RIKEN cDNA 5430419D17 gene	1.25
5730577I03Rik	ENSMUSG00000062470	RIKEN cDNA 5730577I03 gene	1.34
5S_rRNA	ENSMUSG000000075790	5S ribosomal RNA	1.24
6030498E09Rik	ENSMUSG00000051361	RIKEN cDNA 6030498E09 gene	1.43
6330409D20Rik	ENSMUSG00000009551	RIKEN cDNA 6330409D20 gene	1.52
9030617O03Rik	ENSMUSG00000021185	RIKEN cDNA 9030617O03 gene	1.21
9230020A06Rik	ENSMUSG00000072753	RIKEN cDNA 9230020A06 gene	1.33
9330158H04Rik	ENSMUSG00000073154	RIKEN cDNA 9330158H04 gene	1.54
Aars2	ENSMUSG00000023938	alanyl-tRNA synthetase 2, mitochondrial (putative)	2.42
Abca14	ENSMUSG00000062017	ATP-binding cassette, sub-family A (ABC1), member 14	1.52
Abca9	ENSMUSG00000041797	ATP-binding cassette, sub-family A (ABC1), member 9	1.28
Abcb1a	ENSMUSG00000040584	ATP-binding cassette, sub-family B (MDR/TAP), member 1A	1.25
Abcc12	ENSMUSG00000036872	ATP-binding cassette, sub-family C (CFTR/MRP), member 12	1.42
Abhd8	ENSMUSG00000007950	abhydrolase domain containing 8	1.25
AC141881.2	ENSMUSG00000092783		1.24
Ace2	ENSMUSG00000015405	angiotensin I converting enzyme (peptidyl-dipeptidase A) 2	1.22
Ace3	ENSMUSG00000087418	angiotensin I converting enzyme (peptidyl-dipeptidase A) 3	1.93
Acer2	ENSMUSG00000038007	alkaline ceramidase 2	1.90
Acnat2	ENSMUSG00000060317	acyl-coenzyme A amino acid N-acyltransferase 2	1.36
Acvr2a	ENSMUSG00000052155	activin receptor IIA	1.24
Acvr11	ENSMUSG00000000530	activin A receptor, type II-like 1	1.48
Adam32	ENSMUSG00000037437	a disintegrin and metallopeptidase domain 32	1.52
Adam7	ENSMUSG00000022056	a disintegrin and metallopeptidase domain 7	1.50
Adams7	ENSMUSG00000032363	a disintegrin-like and metallopeptidase (repolysin type) with thrombospondin type 1 motif, 7	1.59
Adm	ENSMUSG00000030790	adrenomedullin	1.34
AF357428	ENSMUSG00000065749	snoRNA AF357428	1.26
Agpat2	ENSMUSG00000026922	1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta)	1.22
Agxt	ENSMUSG00000026272	alanine-glyoxylate aminotransferase	1.27
Al324046	ENSMUSG00000076615	expressed sequence Al324046	2.02
Al607873	ENSMUSG00000073490	expressed sequence Al607873	1.24
Aif1	ENSMUSG00000024397	allograft inflammatory factor 1	1.38
Akr1c6	ENSMUSG00000021210	aldo-keto reductase family 1, member C6	1.27
Aldob	ENSMUSG00000028307	aldolase B, fructose-bisphosphate	1.37
Alox12e	ENSMUSG00000018907	arachidonate lipoxygenase, epidermal	1.46
Aloxe3	ENSMUSG00000020892	arachidonate lipoxygenase 3	1.24
Ambp	ENSMUSG00000028356	alpha 1 microglobulin/bikunin	1.39
Anxa2	ENSMUSG00000032231	annexin A2	1.69
Apoa1	ENSMUSG00000032083	apolipoprotein A-I	1.28
Apod	ENSMUSG00000022548	apolipoprotein D	1.28
Apold1	ENSMUSG00000090698	apolipoprotein L domain containing 1	1.25
Arc	ENSMUSG00000022602	activity regulated cytoskeletal-associated protein	1.41
Arhgef19	ENSMUSG00000028919	Rho guanine nucleotide exchange factor (GEF) 19	1.36
Arl13b	ENSMUSG00000022911	ADP-ribosylation factor-like 13B	1.33

<i>Arpc1b</i>	ENSMUSG00000029622	actin related protein 2/3 complex, subunit 1B	1.26
<i>Arpc5</i>	ENSMUSG00000008475	actin related protein 2/3 complex, subunit 5	1.56
<i>Art3</i>	ENSMUSG00000034842	ADP-ribosyltransferase 3	1.64
<i>Atp10d</i>	ENSMUSG00000046808	ATPase, class V, type 10D	1.29
<i>B2m</i>	ENSMUSG00000060802	beta-2 microglobulin	1.25
<i>BC051665</i>	ENSMUSG00000042243	cDNA sequence BC051665	1.29
<i>Bin2</i>	ENSMUSG00000075411	bridging integrator 2	1.29
<i>Bnc2</i>	ENSMUSG00000028487	basonuclin 2	1.28
<i>Brix1</i>	ENSMUSG00000022247	BRX1, biogenesis of ribosomes, homolog (S. cerevisiae)	1.26
<i>Bst1</i>	ENSMUSG00000029082	bone marrow stromal cell antigen 1	1.41
<i>C1qa</i>	ENSMUSG00000036887	complement component 1, q subcomponent, alpha polypeptide	1.99
<i>C1qb</i>	ENSMUSG00000036905	complement component 1, q subcomponent, beta polypeptide	1.50
<i>C1qc</i>	ENSMUSG00000036896	complement component 1, q subcomponent, C chain	1.34
<i>C1qtnf6</i>	ENSMUSG00000022440	C1q and tumor necrosis factor related protein 6	1.51
<i>C330013J21Rik</i>	ENSMUSG00000074529	RIKEN cDNA C330013J21 gene	1.55
<i>C3ar1</i>	ENSMUSG00000040552	complement component 3a receptor 1	1.38
<i>C4a</i>	ENSMUSG00000015451	complement component 4A (Rodgers blood group)	1.59
<i>C5ar1</i>	ENSMUSG00000049130	complement component 5a receptor 1	1.54
<i>Capn11</i>	ENSMUSG00000058626	calpain 11	1.42
<i>Casp4</i>	ENSMUSG00000033538	caspase 4, apoptosis-related cysteine peptidase	1.36
<i>Cbr2</i>	ENSMUSG00000025150	carbonyl reductase 2	1.34
<i>Ccdc120</i>	ENSMUSG000000031150	coiled-coil domain containing 120	1.28
<i>Ccdc13</i>	ENSMUSG000000079235	coiled-coil domain containing 13	1.46
<i>Ccdc135</i>	ENSMUSG000000031786	coiled-coil domain containing 135	1.34
<i>Ccdc136</i>	ENSMUSG00000029769	coiled-coil domain containing 136	1.32
<i>Cckar</i>	ENSMUSG00000029193	cholecystokinin A receptor	1.22
<i>Ccr1</i>	ENSMUSG00000025804	chemokine (C-C motif) receptor 1	1.24
<i>Cd300ld</i>	ENSMUSG00000034641	CD300 molecule-like family member d	1.30
<i>Cd86</i>	ENSMUSG00000022901	CD86 antigen	1.33
<i>Cd93</i>	ENSMUSG00000027435	CD93 antigen	1.42
<i>Cdc42bpg</i>	ENSMUSG000000024769	CDC42 binding protein kinase gamma (DMPK-like)	1.64
<i>Cdkn1a</i>	ENSMUSG00000023067	cyclin-dependent kinase inhibitor 1A (P21)	1.68
<i>Ceacam2</i>	ENSMUSG00000054385	carcinoembryonic antigen-related cell adhesion molecule 2	1.42
<i>Cfh</i>	ENSMUSG00000026365	complement component factor h	1.24
<i>Cfp</i>	ENSMUSG00000001128	complement factor properdin	1.29
<i>Ch25h</i>	ENSMUSG00000050370	cholesterol 25-hydroxylase	1.23
<i>Chst4</i>	ENSMUSG00000035930	carbohydrate (chondroitin 6/keratan) sulfotransferase 4	1.26
<i>Cish</i>	ENSMUSG00000032578	cytokine inducible SH2-containing protein	1.22
<i>Clec2h</i>	ENSMUSG00000030364	C-type lectin domain family 2, member h	1.32
<i>Clec4a3</i>	ENSMUSG00000043832	C-type lectin domain family 4, member a3	1.31
<i>Cnga4</i>	ENSMUSG00000030897	cyclic nucleotide gated channel alpha 4	1.22
<i>Cp</i>	ENSMUSG00000003617	ceruloplasmin	1.48
<i>Crip3</i>	ENSMUSG00000023968	cysteine-rich protein 3	1.44
<i>Csf3r</i>	ENSMUSG00000028859	colony stimulating factor 3 receptor (granulocyte)	1.45
<i>Csk</i>	ENSMUSG00000032312	c-src tyrosine kinase	1.20
<i>Cst9</i>	ENSMUSG00000027445	cystatin 9	1.22
<i>Ctla2a</i>	ENSMUSG00000044258	cytotoxic T lymphocyte-associated protein 2 alpha	1.76
<i>Ctla2b</i>	ENSMUSG00000074874	cytotoxic T lymphocyte-associated protein 2 beta	1.30
<i>Ctr9</i>	ENSMUSG00000005609	Ctr9, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	1.45
<i>Ctsc</i>	ENSMUSG00000030560	cathepsin C	1.41
<i>Ctsh</i>	ENSMUSG00000032359	cathepsin H	1.35
<i>Ctss</i>	ENSMUSG00000038642	cathepsin S	1.34
<i>Ctsz</i>	ENSMUSG00000016256	cathepsin Z	1.21
<i>Cwh43</i>	ENSMUSG00000029154	cell wall biogenesis 43 C-terminal homolog (S. cerevisiae)	1.32
<i>Cyp2c70</i>	ENSMUSG00000060613	cytochrome P450, family 2, subfamily c, polypeptide 70	1.42
<i>Cyrr1</i>	ENSMUSG00000041134	cysteine and tyrosine-rich protein 1	1.34
<i>Darc</i>	ENSMUSG00000037872	Duffy blood group, chemokine receptor	1.45
<i>Dcun1d3</i>	ENSMUSG00000048787	DCN1, defective in cullin neddylation 1, domain containing 3 (S. cerevisiae)	1.34
<i>Ddit4l</i>	ENSMUSG00000046818	DNA-damage-inducible transcript 4-like	1.61
<i>Dennd1b</i>	ENSMUSG00000056268	DENN/MADD domain containing 1B	1.27
<i>Dennd4a</i>	ENSMUSG00000053641	DENN/MADD domain containing 4A	1.21
<i>Dhx8</i>	ENSMUSG00000034931	DEAH (Asp-Glu-Ala-His) box polypeptide 8	1.23
<i>Diap1</i>	ENSMUSG00000024456	diaphanous homolog 1 (Drosophila)	1.20

<i>Dlx5</i>	ENSMUSG00000029755	distal-less homeobox 5	1.26
<i>Dnase1</i>	ENSMUSG00000005980	deoxyribonuclease I	1.26
<i>Dnase111</i>	ENSMUSG00000019088	deoxyribonuclease 1-like 1	1.53
<i>Dtx2</i>	ENSMUSG00000004947	deltex 2 homolog (Drosophila)	1.25
<i>Duox2</i>	ENSMUSG00000068452	dual oxidase 2	1.40
<i>Dusp1</i>	ENSMUSG000000024190	dual specificity phosphatase 1	1.24
<i>E030010A14Rik</i>	ENSMUSG00000048572	RIKEN cDNA E030010A14 gene	1.41
<i>E2f1</i>	ENSMUSG00000027490	E2F transcription factor 1	1.31
<i>E430018J23Rik</i>	ENSMUSG00000078580	RIKEN cDNA E430018J23 gene	1.20
<i>Echs1</i>	ENSMUSG00000025465	enoyl Coenzyme A hydratase, short chain, 1, mitochondrial	1.31
<i>Eltf1</i>	ENSMUSG00000039167	EGF, latrophilin seven transmembrane domain containing 1	1.42
<i>Eng</i>	ENSMUSG00000026814	endoglin	1.26
<i>Esam</i>	ENSMUSG00000001946	endothelial cell-specific adhesion molecule	1.34
<i>Esr1</i>	ENSMUSG00000019768	estrogen receptor 1 (alpha)	1.39
<i>Esyt1</i>	ENSMUSG00000025366	extended synaptotagmin-like protein 1	1.32
<i>Fam107a</i>	ENSMUSG00000021750	family with sequence similarity 107, member A	1.22
<i>Fam114a1</i>	ENSMUSG00000029185	family with sequence similarity 114, member A1	1.27
<i>Fam167a</i>	ENSMUSG00000035095	family with sequence similarity 167, member A	1.46
<i>Fam3a</i>	ENSMUSG00000031399	family with sequence similarity 3, member A	1.21
<i>Fas</i>	ENSMUSG00000024778	Fas (TNF receptor superfamily member 6)	1.33
<i>FasL</i>	ENSMUSG00000000817	Fas ligand (TNF superfamily, member 6)	1.35
<i>Fbxl20</i>	ENSMUSG00000020883	F-box and leucine-rich repeat protein 20	1.29
<i>Fcer1g</i>	ENSMUSG00000058715	Fc receptor, IgE, high affinity I, gamma polypeptide	1.50
<i>Fcgr2b</i>	ENSMUSG00000026656	Fc receptor, IgG, low affinity IIb	1.51
<i>Fcgr3</i>	ENSMUSG00000059498	Fc receptor, IgG, low affinity III	1.41
<i>Fcrls</i>	ENSMUSG00000015852	Fc receptor-like S, scavenger receptor	1.24
<i>Ffar2</i>	ENSMUSG00000051314	free fatty acid receptor 2	1.41
<i>Fgd5</i>	ENSMUSG00000034037	FYVE, RhoGEF and PH domain containing 5	1.22
<i>Fgg</i>	ENSMUSG00000033860	fibrinogen gamma chain	1.26
<i>Flg</i>	ENSMUSG00000092163	filaggrin	1.49
<i>Fn1</i>	ENSMUSG00000026193	fibronectin 1	1.40
<i>Frem1</i>	ENSMUSG00000059049	Fras1 related extracellular matrix protein 1	1.36
<i>Fut9</i>	ENSMUSG00000055373	fucosyltransferase 9	1.20
<i>Fxyd5</i>	ENSMUSG00000009687	FXFD domain-containing ion transport regulator 5	1.51
<i>Galnt2</i>	ENSMUSG00000089704	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2	1.44
<i>Gbp7</i>	ENSMUSG00000040253	guanylate binding protein 7	1.23
<i>Gdpc3</i>	ENSMUSG00000030703	glycerophosphodiester phosphodiesterase domain containing 3	1.25
<i>Gga2</i>	ENSMUSG00000030872	golgi associated, gamma adaptin ear containing, ARF binding protein 2	1.33
<i>Gjc1</i>	ENSMUSG00000034520	gap junction protein, gamma 1	1.27
<i>Gls2</i>	ENSMUSG00000044005	glutaminase 2 (liver, mitochondrial)	1.24
<i>Gm11428</i>	ENSMUSG000000069792	predicted gene 11428	2.34
<i>Gm11517</i>	ENSMUSG000000081249	predicted gene 11517	1.32
<i>Gm12830</i>	ENSMUSG000000055198	predicted gene 12830	1.32
<i>Gm13103</i>	ENSMUSG000000029451	predicted gene 13103	1.65
<i>Gm13364</i>	ENSMUSG000000085942	predicted gene 13364	1.33
<i>Gm14115</i>	ENSMUSG000000081971	predicted gene 14115	1.37
<i>Gm14781</i>	ENSMUSG000000064129	predicted gene 14781	1.74
<i>Gm14926</i>	ENSMUSG000000081587	predicted gene 14926	1.26
<i>Gm15368</i>	ENSMUSG000000081488	predicted gene 15368	1.83
<i>Gm16378</i>	ENSMUSG000000074046	predicted gene 16378	1.29
<i>Gm16519</i>	ENSMUSG000000066983	predicted gene, 16519	1.20
<i>Gm20489</i>	ENSMUSG000000092463	predicted gene 20489	1.65
<i>Gm20547</i>	ENSMUSG000000092511	predicted gene 20547	1.36
<i>Gm41</i>	ENSMUSG000000080069	predicted pseudogene 41	1.27
<i>Gm5637</i>	ENSMUSG00000046993	predicted pseudogene 5637	1.23
<i>Gm5678</i>	ENSMUSG000000082815	predicted gene 5678	1.21
<i>Gm5941</i>	ENSMUSG000000071726	predicted gene 5941	1.23
<i>Gm6132</i>	ENSMUSG000000069200	predicted pseudogene 6132	1.30
<i>Gm7665</i>	ENSMUSG000000063628	predicted pseudogene 7665	1.46
<i>Gm7676</i>	ENSMUSG000000068631	predicted gene 7676	2.05
<i>Gm9934</i>	ENSMUSG000000054061	predicted gene 9934	1.32
<i>Gpnmb</i>	ENSMUSG00000029816	glycoprotein (transmembrane) nmb	1.30
<i>Grip2</i>	ENSMUSG00000030098	glutamate receptor interacting protein 2	1.25

<i>Grm2</i>	ENSMUSG00000023192	glutamate receptor, metabotropic 2	1.24
<i>Gsdma2</i>	ENSMUSG00000017211	gasdermin A2	1.97
<i>Gsn</i>	ENSMUSG00000026879	gelsolin	1.34
<i>Gylt1b</i>	ENSMUSG00000040434	glycosyltransferase-like 1B	1.29
<i>Gypc</i>	ENSMUSG00000090523	glycophorin C	1.40
<i>Gys2</i>	ENSMUSG00000030244	glycogen synthase 2	1.40
<i>Gzmc</i>	ENSMUSG00000079186	granzyme C	1.25
<i>H2-K1</i>	ENSMUSG00000061232	histocompatibility 2, K1, K region	1.84
<i>H2-T22</i>	ENSMUSG00000056116	histocompatibility 2, T region locus 22	1.47
<i>H47</i>	ENSMUSG00000075701	histocompatibility 47	1.25
<i>Hba-a1</i>	ENSMUSG00000069919	hemoglobin alpha, adult chain 1	1.30
<i>Hba-a2</i>	ENSMUSG00000069917	hemoglobin alpha, adult chain 2	1.28
<i>Hbb-b1</i>	ENSMUSG00000052305	hemoglobin, beta adult major chain	1.63
<i>Hbb-b2</i>	ENSMUSG00000073940	hemoglobin, beta adult minor chain	1.63
<i>Hcfc1</i>	ENSMUSG000000031386	host cell factor C1	1.21
<i>Hdac11</i>	ENSMUSG00000034245	histone deacetylase 11	1.39
<i>Herc6</i>	ENSMUSG00000029798	hect domain and RLD 6	1.30
<i>Hist1h2ap</i>	ENSMUSG00000069304	histone cluster 1, H2ap	1.26
<i>Hist1h3f</i>	ENSMUSG00000059309	histone cluster 1, H3f	1.36
<i>Hist2h2bb</i>	ENSMUSG00000050936	histone cluster 2, H2bb	1.21
<i>Hist2h3c2</i>	ENSMUSG00000081058	histone cluster 2, H3c2	1.37
<i>Hnmpf</i>	ENSMUSG00000042079	heterogeneous nuclear ribonucleoprotein F	2.33
<i>Hoxa7</i>	ENSMUSG00000038236	homeobox A7	1.52
<i>Hpd</i>	ENSMUSG00000029445	4-hydroxyphenylpyruvic acid dioxygenase	1.40
<i>Hpn</i>	ENSMUSG00000001249	hepsin	1.25
<i>Icam4</i>	ENSMUSG00000001014	intercellular adhesion molecule 4, Landsteiner-Wiener blood group	1.37
<i>Ier3</i>	ENSMUSG00000003541	immediate early response 3	1.38
<i>Ifi30</i>	ENSMUSG000000031838	interferon gamma inducible protein 30	1.40
<i>Ifih1</i>	ENSMUSG00000026896	interferon induced with helicase C domain 1	1.33
<i>Ifit1</i>	ENSMUSG00000034459	interferon-induced protein with tetratricopeptide repeats 1	1.59
<i>Ifit3</i>	ENSMUSG00000074896	interferon-induced protein with tetratricopeptide repeats 3	1.40
<i>Ifitm1</i>	ENSMUSG00000025491	interferon induced transmembrane protein 1	1.66
<i>Ifitm2</i>	ENSMUSG00000060591	interferon induced transmembrane protein 2	1.48
<i>Ifitm3</i>	ENSMUSG00000025492	interferon induced transmembrane protein 3	2.09
<i>Ifitm6</i>	ENSMUSG00000059108	interferon induced transmembrane protein 6	1.62
<i>Ifnb1</i>	ENSMUSG00000048806	interferon beta 1, fibroblast	1.23
<i>Ifne</i>	ENSMUSG00000045364	interferon epsilon	1.44
<i>Ifngr1</i>	ENSMUSG00000020009	interferon gamma receptor 1	1.21
<i>Ifit2</i>	ENSMUSG00000016637	intraflagellar transport 27 homolog (Chlamydomonas)	1.32
<i>Igfbp6</i>	ENSMUSG00000023046	insulin-like growth factor binding protein 6	1.35
<i>Igfbp7</i>	ENSMUSG00000036256	insulin-like growth factor binding protein 7	2.00
<i>Igj</i>	ENSMUSG00000067149	immunoglobulin joining chain	1.42
<i>Il15ra</i>	ENSMUSG00000023206	interleukin 15 receptor, alpha chain	1.74
<i>Il17rc</i>	ENSMUSG00000030281	interleukin 17 receptor C	1.35
<i>Il18bp</i>	ENSMUSG00000070427	interleukin 18 binding protein	1.28
<i>Il28b</i>	ENSMUSG00000060747	interleukin 28B	1.39
<i>Il34</i>	ENSMUSG000000031750	interleukin 34	1.27
<i>Ipo11</i>	ENSMUSG00000078933	importin 11	1.65
<i>Irak3</i>	ENSMUSG00000020227	interleukin-1 receptor-associated kinase 3	1.36
<i>Irf2bp1</i>	ENSMUSG00000044030	interferon regulatory factor 2 binding protein 1	1.25
<i>Irf8</i>	ENSMUSG00000041515	interferon regulatory factor 8	1.43
<i>Irgm1</i>	ENSMUSG00000046879	immunity-related GTPase family M member 1	1.50
<i>Itga10</i>	ENSMUSG00000090210	integrin, alpha 10	1.64
<i>Itga6</i>	ENSMUSG00000027111	integrin alpha 6	1.40
<i>Itgam</i>	ENSMUSG00000030786	integrin alpha M	1.44
<i>Itgb5</i>	ENSMUSG00000022817	integrin beta 5	1.22
<i>Jakmip1</i>	ENSMUSG00000063646	janus kinase and microtubule interacting protein 1	1.91
<i>Kcne4</i>	ENSMUSG00000047330	potassium voltage-gated channel, Isk-related subfamily, gene 4	1.22
<i>Kcnj12</i>	ENSMUSG00000042529	potassium inwardly-rectifying channel, subfamily J, member 12	1.25
<i>Kcnq1</i>	ENSMUSG00000009545	potassium voltage-gated channel, subfamily Q, member 1	1.51
<i>Khny1</i>	ENSMUSG00000047153	KH and NYN domain containing	1.24
<i>Kir3dl1</i>	ENSMUSG000000031424	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1	1.51
<i>Klk1b11</i>	ENSMUSG00000044485	kallikrein 1-related peptidase b11	1.26
<i>Klra4</i>	ENSMUSG00000079852	killer cell lectin-like receptor, subfamily A, member 4	1.61

<i>Krt17</i>	ENSMUSG00000035557	keratin 17	1.24
<i>Krt7</i>	ENSMUSG00000023039	keratin 7	1.37
<i>Krt83</i>	ENSMUSG00000047641	keratin 83	1.78
<i>Lag3</i>	ENSMUSG00000030124	lymphocyte-activation gene 3	1.26
<i>Lamc2</i>	ENSMUSG00000026479	laminin, gamma 2	1.47
<i>Lcn2</i>	ENSMUSG00000026822	lipocalin 2	17.49
<i>Lcp1</i>	ENSMUSG00000021998	lymphocyte cytosolic protein 1	1.65
<i>Lct</i>	ENSMUSG00000026354	lactase	1.31
<i>Lenep</i>	ENSMUSG00000078173	lens epithelial protein	1.48
<i>Lgals3</i>	ENSMUSG00000050335	lectin, galactose binding, soluble 3	1.39
<i>Lgals3bp</i>	ENSMUSG00000033880	lectin, galactoside-binding, soluble, 3 binding protein	1.72
<i>Lgi4</i>	ENSMUSG00000036560	leucine-rich repeat LGI family, member 4	1.20
<i>Ligl2</i>	ENSMUSG00000020782	lethal giant larvae homolog 2 (Drosophila)	1.69
<i>Lrba</i>	ENSMUSG00000028080	LPS-responsive beige-like anchor	1.32
<i>Lrrc8c</i>	ENSMUSG00000054720	leucine rich repeat containing 8 family, member C	1.32
<i>Lrriq1</i>	ENSMUSG00000019892	leucine-rich repeats and IQ motif containing 1	1.25
<i>Lsr</i>	ENSMUSG00000001247	lipolysis stimulated lipoprotein receptor	1.28
<i>Ltb</i>	ENSMUSG00000024399	lymphotoxin B	1.55
<i>Ltf</i>	ENSMUSG00000032496	lactotransferrin	1.36
<i>Ly6a</i>	ENSMUSG00000075602	lymphocyte antigen 6 complex, locus A	1.74
<i>Ly6c1</i>	ENSMUSG00000079018	lymphocyte antigen 6 complex, locus C1	1.64
<i>Ly6c2</i>	ENSMUSG00000022584	lymphocyte antigen 6 complex, locus C2	1.68
<i>Ly86</i>	ENSMUSG00000021423	lymphocyte antigen 86	1.39
<i>Lztf11</i>	ENSMUSG00000025245	leucine zipper transcription factor-like 1	1.27
<i>Mafb</i>	ENSMUSG00000074622	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein B (avian)	1.27
<i>Mageb17-ps</i>	ENSMUSG000000081960	melanoma antigen family B, 17, pseudogene	1.33
<i>Mamstr</i>	ENSMUSG00000042918	MEF2 activating motif and SAP domain containing transcriptional regulator	1.70
<i>Man2c1</i>	ENSMUSG00000032295	mannosidase, alpha, class 2C, member 1	1.41
<i>Map2k3</i>	ENSMUSG00000018932	mitogen-activated protein kinase kinase 3	1.44
<i>Map4k5</i>	ENSMUSG00000034761	mitogen-activated protein kinase kinase kinase kinase 5	1.25
<i>March5</i>	ENSMUSG00000023307	membrane-associated ring finger (C3HC4) 5	1.44
<i>Matn4</i>	ENSMUSG00000016995	matrilin 4	1.24
<i>Mcm9</i>	ENSMUSG00000058298	minichromosome maintenance complex component 9	1.24
<i>Men1</i>	ENSMUSG00000024947	multiple endocrine neoplasia 1	1.48
<i>Mettl13</i>	ENSMUSG00000026694	methyltransferase like 13	1.42
<i>Mettl16</i>	ENSMUSG000000010554	methyltransferase like 16	1.27
<i>Mfsd2a</i>	ENSMUSG00000028655	major facilitator superfamily domain containing 2A	1.29
<i>Mgat1</i>	ENSMUSG00000020346	mannoside acetylglucosaminyltransferase 1	1.22
<i>Mgp</i>	ENSMUSG00000030218	matrix Gla protein	1.45
<i>Micall2</i>	ENSMUSG00000036718	MICAL-like 2	1.22
<i>Mir27b</i>	ENSMUSG000000065475	microRNA 27b	1.22
<i>Mir718</i>	ENSMUSG00000076127	microRNA 718	1.78
<i>Mmp8</i>	ENSMUSG00000005800	matrix metalloproteinase 8	1.73
<i>Mpeg1</i>	ENSMUSG00000046805	macrophage expressed gene 1	1.20
<i>Mpp7</i>	ENSMUSG000000057440	membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7)	1.48
<i>Mrp136</i>	ENSMUSG000000021607	mitochondrial ribosomal protein L36	1.73
<i>Ms4a6c</i>	ENSMUSG000000079419	membrane-spanning 4-domains, subfamily A, member 6C	1.73
<i>Msh6</i>	ENSMUSG000000005370	mutS homolog 6 (E. coli)	1.25
<i>Msln</i>	ENSMUSG000000063011	mesothelin	1.21
<i>Msn</i>	ENSMUSG000000031207	moesin	1.34
<i>Mtor</i>	ENSMUSG000000028991	mechanistic target of rapamycin (serine/threonine kinase)	1.38
<i>Mustn1</i>	ENSMUSG000000042485	musculoskeletal, embryonic nuclear protein 1	1.59
<i>Myadm12</i>	ENSMUSG000000025141	myeloid-associated differentiation marker-like 2	1.26
<i>Myc1</i>	ENSMUSG000000046916	myc target 1	1.24
<i>Myd88</i>	ENSMUSG000000032508	myeloid differentiation primary response gene 88	1.42
<i>Mylk3</i>	ENSMUSG000000031698	myosin light chain kinase 3	1.63
<i>Myo1f</i>	ENSMUSG000000024300	myosin IF	1.28
<i>Myo3a</i>	ENSMUSG000000025716	myosin IIIA	3.02
<i>Nbr1</i>	ENSMUSG0000000017119	neighbor of Brca1 gene 1	1.28
<i>Ncf1</i>	ENSMUSG000000015950	neutrophil cytosolic factor 1	1.26
<i>Ndc80</i>	ENSMUSG000000024056	NDC80 homolog, kinetochore complex component (S. cerevisiae)	1.51
<i>Necap1</i>	ENSMUSG000000030327	NECAP endocytosis associated 1	1.66

<i>Nfkb2</i>	ENSMUSG00000025225	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2, p49/p100	1.21
<i>Ngp</i>	ENSMUSG00000032484	neutrophilic granule protein	3.18
<i>Nkapl</i>	ENSMUSG00000059395	NFKB activating protein-like	1.24
<i>Nkg7</i>	ENSMUSG00000004612	natural killer cell group 7 sequence	1.24
<i>Nmb</i>	ENSMUSG000000025723	neuromedin B	1.47
<i>Npas4</i>	ENSMUSG00000045903	neuronal PAS domain protein 4	1.52
<i>Npffr2</i>	ENSMUSG00000035528	neuropeptide FF receptor 2	1.25
<i>Npy1r</i>	ENSMUSG000000036437	neuropeptide Y receptor Y1	1.33
<i>Nr4a1</i>	ENSMUSG000000023034	nuclear receptor subfamily 4, group A, member 1	1.28
<i>n-R5s204</i>	ENSMUSG000000064906	nuclear encoded rRNA 5S 204	1.26
<i>Ntsr1</i>	ENSMUSG000000027568	neurotensin receptor 1	1.29
<i>Nudt5</i>	ENSMUSG000000025817	nudix (nucleoside diphosphate linked moiety X)-type motif 5	1.25
<i>Oas1f</i>	ENSMUSG00000053765	2'-5' oligoadenylate synthetase 1F	1.41
<i>Oas2</i>	ENSMUSG000000032690	2'-5' oligoadenylate synthetase 2	1.61
<i>Oasl1</i>	ENSMUSG00000041827	2'-5' oligoadenylate synthetase-like 1	1.39
<i>Oasl2</i>	ENSMUSG000000029561	2'-5' oligoadenylate synthetase-like 2	1.82
<i>Olfml3</i>	ENSMUSG000000027848	olfactomedin-like 3	1.23
<i>Olf11193</i>	ENSMUSG000000060827	olfactory receptor 1193	1.30
<i>Olf1463</i>	ENSMUSG000000052277	olfactory receptor 1463	1.21
<i>Olf1354</i>	ENSMUSG000000055088	olfactory receptor 354	1.36
<i>Olf1767</i>	ENSMUSG000000059762	olfactory receptor 767	1.65
<i>Olf1963</i>	ENSMUSG000000064110	olfactory receptor 963	1.31
<i>Oma1</i>	ENSMUSG000000035069	OMA1 homolog, zinc metallopeptidase (<i>S. cerevisiae</i>)	1.54
<i>Oprd1</i>	ENSMUSG000000050511	opioid receptor, delta 1	1.20
<i>Osgpl1</i>	ENSMUSG000000026096	O-sialoglycoprotein endopeptidase-like 1	1.23
<i>Osmr</i>	ENSMUSG000000022146	oncostatin M receptor	1.51
<i>Osta</i>	ENSMUSG000000035699	organic solute transporter alpha	1.26
<i>P2ry2</i>	ENSMUSG000000032860	purinergic receptor P2Y, G-protein coupled 2	1.60
<i>Pabpc11</i>	ENSMUSG000000054582	poly(A) binding protein, cytoplasmic 1-like	1.38
<i>Pard3b</i>	ENSMUSG000000052062	par-3 partitioning defective 3 homolog B (<i>C. elegans</i>)	2.49
<i>Parp14</i>	ENSMUSG000000034422	poly (ADP-ribose) polymerase family, member 14	1.35
<i>Pax5</i>	ENSMUSG000000014030	paired box gene 5	1.50
<i>Pcdhb12</i>	ENSMUSG000000043458	protocadherin beta 12	1.27
<i>Pcgl6</i>	ENSMUSG000000025050	polycomb group ring finger 6	1.20
<i>Pde6a</i>	ENSMUSG000000024575	phosphodiesterase 6A, cGMP-specific, rod, alpha	1.21
<i>Pdzd2</i>	ENSMUSG000000022197	PDZ domain containing 2	3.42
<i>Peg10</i>	ENSMUSG000000092035	paternally expressed 10	1.43
<i>Pex14</i>	ENSMUSG000000028975	peroxisomal biogenesis factor 14	1.20
<i>Pglyrp1</i>	ENSMUSG000000030413	peptidoglycan recognition protein 1	1.41
<i>Phgdh</i>	ENSMUSG000000053398	3-phosphoglycerate dehydrogenase	1.42
<i>Pik3ap1</i>	ENSMUSG000000025017	phosphoinositide-3-kinase adaptor protein 1	1.27
<i>Plirb2</i>	ENSMUSG000000066682	paired immunoglobulin-like type 2 receptor beta 2	1.29
<i>Pkd1l2</i>	ENSMUSG000000034416	polycystic kidney disease 1 like 2	1.42
<i>Pla2g2f</i>	ENSMUSG000000028749	phospholipase A2, group IIF	1.22
<i>Plcxd2</i>	ENSMUSG000000087141	phosphatidylinositol-specific phospholipase C, X domain containing 2	1.23
<i>Plekha4</i>	ENSMUSG000000040428	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 4	1.30
<i>Plin1</i>	ENSMUSG000000030546	perilipin 1	1.34
<i>Plin4</i>	ENSMUSG000000002831	perilipin 4	1.23
<i>Pml</i>	ENSMUSG000000036986	promyelocytic leukemia	1.20
<i>Podxl</i>	ENSMUSG000000025608	podocalyxin-like	1.52
<i>Polr2a</i>	ENSMUSG000000005198	polymerase (RNA) II (DNA directed) polypeptide A	1.20
<i>Ppbp</i>	ENSMUSG000000029372	pro-platelet basic protein	1.52
<i>Pqlc2</i>	ENSMUSG000000028744	PQ loop repeat containing 2	1.20
<i>Pqlc3</i>	ENSMUSG000000045679	PQ loop repeat containing	1.35
<i>Prokr2</i>	ENSMUSG000000050558	prokineticin receptor 2	1.80
<i>Prol1</i>	ENSMUSG000000064156	proline rich, lacrimal 1	1.45
<i>Prr13</i>	ENSMUSG000000023048	proline rich 13	1.23
<i>Prrc2b</i>	ENSMUSG000000039262	proline-rich coiled-coil 2B	1.24
<i>Psg18</i>	ENSMUSG000000003505	pregnancy specific glycoprotein 18	1.57
<i>Ptpr6</i>	ENSMUSG000000004266	protein tyrosine phosphatase, non-receptor type 6	1.25
<i>Rac2</i>	ENSMUSG000000033220	RAS-related C3 botulinum substrate 2	1.34
<i>Racgap1</i>	ENSMUSG000000023015	Rac GTPase-activating protein 1	1.40

<i>Rad54b</i>	ENSMUSG00000066307	RAD54 homolog B (<i>S. cerevisiae</i>)	1.72
<i>Rad54b</i>	ENSMUSG00000078773	RAD54 homolog B (<i>S. cerevisiae</i>)	1.26
<i>Rbm28</i>	ENSMUSG00000029701	RNA binding motif protein 28	1.24
<i>Rcn3</i>	ENSMUSG00000019539	reticulocalbin 3, EF-hand calcium binding domain	1.41
<i>Relt</i>	ENSMUSG00000008318	RELT tumor necrosis factor receptor	1.34
<i>Retnlg</i>	ENSMUSG00000022651	resistin like gamma	1.59
<i>Rfc3</i>	ENSMUSG00000033970	replication factor C (activator 1) 3	1.33
<i>Rgl2</i>	ENSMUSG00000041354	ral guanine nucleotide dissociation stimulator-like 2	1.20
<i>Rhbdl3</i>	ENSMUSG00000017692	rhomboid, veinlet-like 3 (<i>Drosophila</i>)	1.51
<i>Rhbg</i>	ENSMUSG00000001417	Rhesus blood group-associated B glycoprotein	1.29
<i>Rhpn2</i>	ENSMUSG00000030494	rhopilin, Rho GTPase binding protein 2	1.36
<i>Riok1</i>	ENSMUSG00000021428	RIO kinase 1 (yeast)	1.46
<i>Rnf213</i>	ENSMUSG00000070327	ring finger protein 213	1.46
<i>Rnf215</i>	ENSMUSG00000003581	ring finger protein 215	1.26
<i>Rpap1</i>	ENSMUSG00000034032	RNA polymerase II associated protein 1	1.66
<i>Rtp1</i>	ENSMUSG00000033383	receptor transporter protein 1	1.21
<i>Rtp4</i>	ENSMUSG00000033355	receptor transporter protein 4	1.31
<i>S100a11</i>	ENSMUSG00000027907	S100 calcium binding protein A11 (calgizzarin)	1.31
<i>S100a8</i>	ENSMUSG00000056054	S100 calcium binding protein A8 (calgranulin A)	1.56
<i>S100a9</i>	ENSMUSG00000056071	S100 calcium binding protein A9 (calgranulin B)	1.31
<i>Sag</i>	ENSMUSG00000056055	retinal S-antigen	1.26
<i>Scgb3a1</i>	ENSMUSG000000064057	secretoglobin, family 3A, member 1	4.22
<i>Scepep1</i>	ENSMUSG00000000278	serine carboxypeptidase 1	1.22
<i>Sele</i>	ENSMUSG00000026582	selectin, endothelial cell	1.25
<i>Selk</i>	ENSMUSG00000042682	selenoprotein K	1.28
<i>Selp</i>	ENSMUSG00000026580	selectin, platelet	2.22
<i>Sema4d</i>	ENSMUSG00000021451	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D	1.31
<i>Serpina10</i>	ENSMUSG00000061947	serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10	1.24
<i>Serpina6</i>	ENSMUSG000000060807	serine (or cysteine) peptidase inhibitor, clade A, member 6	1.32
<i>Serpina6b</i>	ENSMUSG00000042842	serine (or cysteine) peptidase inhibitor, clade B, member 6b	1.41
<i>Serpinh1</i>	ENSMUSG00000070436	serine (or cysteine) peptidase inhibitor, clade H, member 1	1.33
<i>Sfmbt1</i>	ENSMUSG00000006527	Scm-like with four mbt domains 1	1.53
<i>Sfp1</i>	ENSMUSG00000002111	SFFV proviral integration 1	1.28
<i>Sgsh</i>	ENSMUSG00000005043	N-sulfoglucosamine sulfohydrolase (sulfamidase)	1.29
<i>Sh3pxd2b</i>	ENSMUSG00000040711	SH3 and PX domains 2B	1.49
<i>Sh3tc1</i>	ENSMUSG00000036553	SH3 domain and tetratricopeptide repeats 1	1.30
<i>Shisa5</i>	ENSMUSG00000025647	shisa homolog 5 (<i>Xenopus laevis</i>)	1.23
<i>Sid12</i>	ENSMUSG00000034908	SID1 transmembrane family, member 2	1.40
<i>Siglecg</i>	ENSMUSG00000030468	sialic acid binding Ig-like lectin G	1.29
<i>Six3</i>	ENSMUSG00000038805	sine oculis-related homeobox 3 homolog (<i>Drosophila</i>)	1.21
<i>Sla</i>	ENSMUSG00000022372	src-like adaptor	1.31
<i>Slc12a8</i>	ENSMUSG00000035506	solute carrier family 12 (potassium/chloride transporters), member 8	1.35
<i>Slc12a9</i>	ENSMUSG00000037344	solute carrier family 12 (potassium/chloride transporters), member 9	1.58
<i>Slc16a3</i>	ENSMUSG00000025161	solute carrier family 16 (monocarboxylic acid transporters), member 3	1.32
<i>Slc16a4</i>	ENSMUSG00000027896	solute carrier family 16 (monocarboxylic acid transporters), member 4	1.24
<i>Slc18a2</i>	ENSMUSG00000025094	solute carrier family 18 (vesicular monoamine), member 2	1.23
<i>Slc26a1</i>	ENSMUSG00000046959	solute carrier family 26 (sulfate transporter), member 1	1.20
<i>Slc2a1</i>	ENSMUSG00000028645	solute carrier family 2 (facilitated glucose transporter), member 1	1.31
<i>Slc2a3</i>	ENSMUSG00000003153	solute carrier family 2 (facilitated glucose transporter), member 3	1.23
<i>Slc38a5</i>	ENSMUSG000000031170	solute carrier family 38, member 5	1.40
<i>Slc45a1</i>	ENSMUSG00000039838	solute carrier family 45, member 1	1.27
<i>Slc7a1</i>	ENSMUSG00000041313	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	1.20
<i>Slco6c1</i>	ENSMUSG00000026331	solute carrier organic anion transporter family, member 6c1	1.20
<i>Smox</i>	ENSMUSG00000027333	spermine oxidase	1.24
<i>SNORD115</i>	ENSMUSG000000075781	Small nucleolar RNA SNORD115	1.29
<i>Socs7</i>	ENSMUSG00000038485	suppressor of cytokine signaling 7	1.28
<i>Sphk1</i>	ENSMUSG00000061878	sphingosine kinase 1	1.38
<i>SpiB</i>	ENSMUSG00000008193	Spi-B transcription factor (Spi-1/PU.1 related)	1.24

<i>Spsb1</i>	ENSMUSG00000039911	splA/ryanodine receptor domain and SOCS box containing 1	1.64
<i>Srcap</i>	ENSMUSG00000053877	Snf2-related CREBBP activator protein	1.34
<i>Srl</i>	ENSMUSG00000022519	sarcalumenin	1.28
<i>Srpr</i>	ENSMUSG00000032042	signal recognition particle receptor ('docking protein')	1.47
<i>Ssh1</i>	ENSMUSG00000042121	slingshot homolog 1 (Drosophila)	1.47
<i>Stat1</i>	ENSMUSG00000026104	signal transducer and activator of transcription 1	1.42
<i>Stk19</i>	ENSMUSG00000061207	serine/threonine kinase 19	1.45
<i>Stra6</i>	ENSMUSG00000032327	stimulated by retinoic acid gene 6	1.21
<i>Stra8</i>	ENSMUSG00000029848	stimulated by retinoic acid gene 8	1.21
<i>Stx19</i>	ENSMUSG00000047854	syntaxin 19	1.28
<i>Sult1a1</i>	ENSMUSG00000030711	sulfotransferase family 1A, phenol-preferring, member 1	1.23
<i>Susd2</i>	ENSMUSG00000006342	sushi domain containing 2	1.29
<i>Suv420h2</i>	ENSMUSG00000059851	suppressor of variegation 4-20 homolog 2 (Drosophila)	1.35
<i>Suz12</i>	ENSMUSG00000017548	suppressor of zeste 12 homolog (Drosophila)	1.23
<i>Tbx3</i>	ENSMUSG00000018604	T-box 3	1.22
<i>Tcea1</i>	ENSMUSG00000033813	transcription elongation factor A (SII) 1	1.45
<i>Tctex1d4</i>	ENSMUSG00000047671	Tctex1 domain containing 4	1.33
<i>Tet2</i>	ENSMUSG00000040943	tet oncogene family member 2	1.21
<i>Tgfb1</i>	ENSMUSG00000035493	transforming growth factor, beta induced	1.48
<i>Tgfb2</i>	ENSMUSG00000032440	transforming growth factor, beta receptor II	1.31
<i>Thbd</i>	ENSMUSG00000074743	thrombomodulin	1.31
<i>Tiam1</i>	ENSMUSG00000002489	T-cell lymphoma invasion and metastasis 1	1.43
<i>Tle2</i>	ENSMUSG00000034771	transducin-like enhancer of split 2, homolog of Drosophila E(spl)	1.46
<i>Tmbim1</i>	ENSMUSG00000006301	transmembrane BAX inhibitor motif containing 1	1.79
<i>Tmed1</i>	ENSMUSG00000032180	transmembrane emp24 domain containing 1	1.23
<i>Tmem139</i>	ENSMUSG00000071506	transmembrane protein 139	1.26
<i>Tmem14c</i>	ENSMUSG00000021361	transmembrane protein 14C	1.40
<i>Tmem164</i>	ENSMUSG00000047045	transmembrane protein 164	1.26
<i>Tmem168</i>	ENSMUSG00000029569	transmembrane protein 168	1.40
<i>Tmem173</i>	ENSMUSG00000024349	transmembrane protein 173	1.27
<i>Tmem176a</i>	ENSMUSG00000023367	transmembrane protein 176A	1.39
<i>Tmem176b</i>	ENSMUSG00000029810	transmembrane protein 176B	1.30
<i>Tmem210</i>	ENSMUSG00000026963	transmembrane protein 210	1.24
<i>Tmem222</i>	ENSMUSG00000028857	transmembrane protein 222	1.29
<i>Tmem52</i>	ENSMUSG00000023153	transmembrane protein 52	1.28
<i>Tmem71</i>	ENSMUSG00000036944	transmembrane protein 71	1.34
<i>Tnfaip1</i>	ENSMUSG00000017615	tumor necrosis factor, alpha-induced protein 1 (endothelial)	1.27
<i>Tnn</i>	ENSMUSG00000026725	tenascin N	1.42
<i>Tor3a</i>	ENSMUSG00000060519	torin family 3, member A	1.26
<i>Trabd</i>	ENSMUSG00000015363	TraB domain containing	1.28
<i>Trim27</i>	ENSMUSG00000021326	tripartite motif-containing 27	1.30
<i>Trim40</i>	ENSMUSG00000073399	tripartite motif-containing 40	1.86
<i>Tsga10ip</i>	ENSMUSG00000039330	testis specific 10 interacting protein	1.31
<i>Tshz2</i>	ENSMUSG00000047907	teashirt zinc finger family member 2	1.43
<i>Tspo</i>	ENSMUSG00000041736	translocator protein	1.20
<i>Tubb1</i>	ENSMUSG00000016255	tubulin, beta 1	1.23
<i>U1</i>	ENSMUSG00000089390	U1 spliceosomal RNA	1.34
<i>U6</i>	ENSMUSG00000065859	U6 spliceosomal RNA	1.30
<i>U6</i>	ENSMUSG00000064386	U6 spliceosomal RNA	1.28
<i>U6</i>	ENSMUSG00000075966	U6 spliceosomal RNA	1.27
<i>U6</i>	ENSMUSG00000064920	U6 spliceosomal RNA	1.26
<i>U6</i>	ENSMUSG00000065802	U6 spliceosomal RNA	1.23
<i>Ubash3a</i>	ENSMUSG00000042345	ubiquitin associated and SH3 domain containing, A	1.78
<i>Ucp2</i>	ENSMUSG00000033685	uncoupling protein 2 (mitochondrial, proton carrier)	1.38
<i>Ugt1a9</i>	ENSMUSG00000090175	UDP glucuronosyltransferase 1 family, polypeptide A9	1.46
<i>Umodl1</i>	ENSMUSG00000054134	uromodulin-like 1	1.24
<i>Usp18</i>	ENSMUSG00000030107	ubiquitin specific peptidase 18	1.38
<i>Usp50</i>	ENSMUSG00000027364	ubiquitin specific peptidase 50	1.31
<i>Uty</i>	ENSMUSG00000068457	ubiquitously transcribed tetratricopeptide repeat gene, Y chromosome	1.37
<i>Vcam1</i>	ENSMUSG00000027962	vascular cell adhesion molecule 1	1.23
<i>Vmn1r239-ps</i>	ENSMUSG00000067262	vomer nasal 1 receptor 239, pseudogene	1.27
<i>Vmn1r65</i>	ENSMUSG00000066850	vomer nasal 1 receptor 65	1.25
<i>Vmn2r109</i>	ENSMUSG00000090572	vomer nasal 2, receptor 109	1.22
<i>Vmn2r15</i>	ENSMUSG00000091375	vomer nasal 2, receptor 15	1.23

<i>Vmn2r66</i>	ENSMUSG00000072241	vomeronasal 2, receptor 66	1.27
<i>Vwa5b2</i>	ENSMUSG00000046613	von Willebrand factor A domain containing 5B2	1.45
<i>Vwc2l</i>	ENSMUSG00000045648	von Willebrand factor C domain-containing protein 2-like	1.65
<i>Vwf</i>	ENSMUSG00000001930	Von Willebrand factor homolog	2.05
<i>Wdr64</i>	ENSMUSG00000026523	WD repeat domain 64	1.25
<i>Wdr78</i>	ENSMUSG00000035126	WD repeat domain 78	1.21
<i>Wnt6</i>	ENSMUSG00000033227	wingless-related MMTV integration site 6	1.20
<i>Wtip</i>	ENSMUSG00000036459	WT1-interacting protein	1.21
<i>Xbp1</i>	ENSMUSG00000020484	X-box binding protein 1	1.21
<i>Xpo5</i>	ENSMUSG00000067150	exportin 5	1.24
<i>Zbtb7a</i>	ENSMUSG00000035011	zinc finger and BTB domain containing 7a	1.37
<i>Zcchc9</i>	ENSMUSG00000021621	zinc finger, CCHC domain containing 9	1.39
<i>Zdhhc19</i>	ENSMUSG00000052363	zinc finger, DHHC domain containing 19	1.25
<i>Zfp345</i>	ENSMUSG00000074731	zinc finger protein 345	1.21
<i>Zfp408</i>	ENSMUSG00000075040	zinc finger protein 408	1.25
<i>Zfp418</i>	ENSMUSG00000034538	zinc finger protein 418	1.20
<i>Zfp446</i>	ENSMUSG00000033961	zinc finger protein 446	1.24
<i>Zfp456</i>	ENSMUSG00000078995	zinc finger protein 456	1.37
<i>Zfp53</i>	ENSMUSG00000057409	zinc finger protein 53	1.29
<i>Zfp626</i>	ENSMUSG00000030604	zinc finger protein 626	1.24
<i>Zfp677</i>	ENSMUSG00000062743	zinc finger protein 677	1.25
<i>Zfp74</i>	ENSMUSG00000059975	zinc finger protein 74	1.34
<i>Zfp825</i>	ENSMUSG00000069208	zinc finger protein 825	1.20
<i>Zscan30</i>	ENSMUSG00000024274	zinc finger and SCAN domain containing 30	1.49