

measurement ID	Fold Change	P-Value	GENE_SYMBOL	GENE_NAME
A_55_P2095251	0.144	0.041	EII3	elongation factor RNA polymerase II-like 3
A_51_P343517	0.153	0.054	Ly6d	lymphocyte antigen 6 complex, locus D
A_52_P553890	0.202	0.067	Itgb3	integrin beta 3
A_52_P312102	0.227	0.055	Sema3g	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G
A_55_P2040893	0.248	0.035	Tnni2	troponin I, skeletal, fast 2
A_51_P405167	0.259	0.007	Maf	avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog
A_55_P2021810	0.266	0.037	Arc	activity regulated cytoskeletal-associated protein
A_30_P01027147	0.267	0.043		
A_55_P2000158	0.269	0.005	Pik3r3	phosphatidylinositol 3 kinase, regulatory subunit, polypeptide 3 (p55)
A_30_P01028465	0.269	0.002		
A_55_P2078433	0.285	0.06	Mcoln2	mucoilin 2
A_55_P2119927	0.29	0.03		
A_55_P1994042	0.294	0.03	Zbp1	Z-DNA binding protein 1
A_51_P261059	0.295	0.037	Cpne2	copine II
A_55_P2004761	0.296	0.026	H2-Eb2	histocompatibility 2, class II antigen E beta2
A_52_P285024	0.297	0.028	Sertad4	SERTA domain containing 4
A_51_P175580	0.307	0.007	Trp53inp1	transformation related protein 53 inducible nuclear protein 1
A_30_P01029732	0.319	0.048		
A_55_P2056719	0.32	0.037	AF067061	cDNA sequence AF067061
A_55_P1984243	0.332	0.079	Naip2	NLR family, apoptosis inhibitory protein 2
A_55_P2007878	0.332	0.08	Rnf144b	ring finger protein 144B
A_55_P1982638	0.333	0.068	LOC639910	uncharacterized LOC639910
A_55_P2096917	0.338	0.007	Mreg	melanoregulin
A_55_P1957700	0.342	0.067	Tll11	tubulin tyrosine ligase-like family, member 11
A_55_P2375194	0.349	0.01	P2rx3	purinergic receptor P2X, ligand-gated ion channel, 3
A_30_P01019857	0.353	0.08		
A_30_P01023506	0.355	0.064		
A_51_P128667	0.366	0.059	Lynx1	Ly6/neurotoxin 1
A_55_P2182358	0.368	0.04	Arid3a	AT rich interactive domain 3A (BRIGHT-like)
A_66_P112596	0.37	0.018		
A_51_P202050	0.371	0.036	Dtx1	deltex 1 homolog (Drosophila)
A_55_P2086628	0.372	0.083		
A_52_P58524	0.375	0.036	Neu1	neuraminidase 1
A_55_P1973906	0.379	0.034	Trp53inp1	transformation related protein 53 inducible nuclear protein 1
A_55_P2103837	0.381	0.002	Gbp4	guanylate binding protein 4
A_55_P1958379	0.381	0.037	Slit1	slit homolog 1 (Drosophila)
A_52_P648688	0.381	0.01	Zc3h12d	zinc finger CCCH type containing 12D
A_52_P208649	0.382	0.081	Cartpt	CART prepropeptide
A_52_P163939	0.387	0.006	Cln6	ceroid-lipofuscinosis, neuronal 6
A_51_P349413	0.388	0.061	Arl5c	ADP-ribosylation factor-like 5C
A_52_P678895	0.389	0.022	Dynlt3	dynein light chain Tctex-type 3
A_51_P379775	0.39	0.028	Nrm	nurim (nuclear envelope membrane protein)

A_55_P1952166	0.39	0.035	Arid3a	AT rich interactive domain 3A (BRIGHT-like)
A_55_P2165889	0.391	0.008	Akap17b	A kinase (PRKA) anchor protein 17B
A_30_P01019850	0.392	0.08		
A_52_P625321	0.395	0.017	Cabp4	calcium binding protein 4
A_55_P2069306	0.396	0.04	Ptpn18	protein tyrosine phosphatase, non-receptor type 18
A_51_P367780	0.397	0.007	Adamts12	ADAMTS-like 2
A_55_P1960894	0.397	0.089	Cabp1	calcium binding protein 1
A_55_P2105963	0.401	0.019	P2ry10	purinergic receptor P2Y, G-protein coupled 10
A_55_P2153762	0.403	0.095	A630081J09Rik	RIKEN cDNA A630081J09 gene
A_51_P429212	0.404	0.064	Npl	N-acetylneuraminase pyruvate lyase
A_55_P2084691	0.407	0.049	Hist1h2ac	histone cluster 1, H2ac
A_51_P308298	0.409	0.018	Myl9	myosin, light polypeptide 9, regulatory
A_55_P1973159	0.411	0.006	Serpinf1	serine (or cysteine) peptidase inhibitor, clade F, member 1
A_55_P2047932	0.412	0.005	Cyb5r4	cytochrome b5 reductase 4
A_55_P2136426	0.412	0.031	Prss57	protease, serine 57
A_52_P572613	0.413	0.026	Fcrl6	Fc receptor-like 6
A_52_P58283	0.414	0.085	Kcna5	potassium voltage-gated channel, shaker-related subfamily, member 5
A_30_P01022027	0.414	0.021		
A_51_P116906	0.415	0.035	Rapgef3	Rap guanine nucleotide exchange factor (GEF) 3
A_30_P01019508	0.419	0.076		
A_55_P1992430	0.42	0.019	P2rx3	purinergic receptor P2X, ligand-gated ion channel, 3
A_51_P299805	0.424	0.055	Slc46a3	solute carrier family 46, member 3
A_55_P2060922	0.426	0.052	Unc5a	unc-5 homolog A (C. elegans)
A_55_P2230638	0.428	0.012	Ece1	endothelin converting enzyme 1
A_55_P2386236	0.429	0.091	Ceacam2	carcinoembryonic antigen-related cell adhesion molecule 2
A_55_P2005552	0.436	0.045	Arhgef10l	Rho guanine nucleotide exchange factor (GEF) 10-like
A_51_P293339	0.436	0.023	Tob1	transducer of ErbB-2.1
A_55_P2231747	0.439	0.067		
A_30_P01024703	0.441	0.027		
A_66_P109731	0.442	0.004		
A_51_P212741	0.444	0.002	Scn2b	sodium channel, voltage-gated, type II, beta
A_30_P01020400	0.445	0.043		
A_55_P1968843	0.445	0.041		
A_55_P2010152	0.445	0.035	Sell	selectin, lymphocyte
A_52_P456750	0.446	0.038	Aph1b	anterior pharynx defective 1b homolog (C. elegans)
A_55_P2213483	0.447	0.073	D7Ertd183e	DNA segment, Chr 7, ERATO Doi 183, expressed
A_55_P2182001	0.448	0.079	1700008O03Rik	RIKEN cDNA 1700008O03 gene
A_30_P01031675	0.449	0.018		
A_51_P193686	0.449	0.038	1700012B09Rik	RIKEN cDNA 1700012B09 gene
A_55_P1961135	0.45	0.038	Atg4d	autophagy-related 4D (yeast)
A_55_P1982404	0.451	0.008	Gpm6b	glycoprotein m6b
A_51_P421664	0.453	0.022	Tmem123	transmembrane protein 123
A_55_P2080975	0.453	0.033	Rbm41	RNA binding motif protein 41

A_55_P2049098	0.455	0.017		
A_30_P01022866	0.456	0.012		
A_51_P389751	0.457	0.044	Relb	avian reticuloendotheliosis viral (v-rel) oncogene related B
A_51_P449325	0.458	0.088	H2-Oa	histocompatibility 2, O region alpha locus
A_55_P2155504	0.458	0.081	Lck	lymphocyte protein tyrosine kinase
A_55_P1979217	0.458	0.044	Abtb1	ankyrin repeat and BTB (POZ) domain containing 1
A_51_P181286	0.459	0.006	Cd69	CD69 antigen
A_66_P124284	0.46	0.033	Tmem90a	transmembrane protein 90a
A_52_P203691	0.46	0.032	Arl5c	ADP-ribosylation factor-like 5C
A_55_P1967659	0.461	0.058	Lactb	lactamase, beta
A_55_P2137309	0.461	0.009	Kctd11	potassium channel tetramerisation domain containing 11
A_51_P467960	0.463	0.044	Cntd1	cyclin N-terminal domain containing 1
A_55_P2172121	0.465	0.031	Mxd4	Max dimerization protein 4
A_51_P116326	0.465	0.042	P2rx3	purinergic receptor P2X, ligand-gated ion channel, 3
A_52_P646783	0.465	0.094	Fbxl22	F-box and leucine-rich repeat protein 22
A_55_P2053838	0.465	0.022	Tnfaip3	tumor necrosis factor, alpha-induced protein 3
A_51_P390937	0.466	0.029		
A_66_P130908	0.467	0.03	Cyb5r4	cytochrome b5 reductase 4
A_55_P2282650	0.469	0.057		
A_30_P01029486	0.469	0.01		
A_55_P2166884	0.469	0.052	Gm5481	predicted gene 5481
A_55_P2050688	0.469	0.025	Zbed4	zinc finger, BED domain containing 4
A_51_P408946	0.47	0.015	Ccne1	cyclin E1
A_55_P2138718	0.471	0.059	Gm14483	predicted gene 14483
A_55_P2008815	0.472	0.003	Rrm2b	ribonucleotide reductase M2 B (TP53 inducible)
A_51_P447976	0.472	0.071	Fam46c	family with sequence similarity 46, member C
A_55_P1953226	0.473	0.02	Gm14484	predicted gene 14484
A_66_P116412	0.474	0.01	Flt3	FMS-like tyrosine kinase 3
A_55_P2158990	0.474	0.016	Jun	Jun oncogene
A_51_P245796	0.474	0.064	Ddit4	DNA-damage-inducible transcript 4
A_55_P2097372	0.476	0.009	Tctex1d4	Tctex1 domain containing 4
A_55_P2168736	0.477	0.086	Relb	avian reticuloendotheliosis viral (v-rel) oncogene related B
A_55_P1978316	0.479	0.011	Adamts14	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 14
A_52_P473106	0.479	0.067	Otos	otospiralin
A_66_P125327	0.479	0.043	Ccne1	cyclin E1
A_51_P295131	0.48	0.041	Pax7	paired box gene 7
A_55_P1980796	0.481	0.066	Il2ra	interleukin 2 receptor, alpha chain
A_52_P290799	0.482	0.011	Gpr35	G protein-coupled receptor 35
A_55_P1955034	0.482	0.04	Myo1c	myosin IC
A_52_P266320	0.482	0.048	Akap17b	A kinase (PRKA) anchor protein 17B
A_55_P1982494	0.482	0.029	1700012L04Rik	RIKEN cDNA 1700012L04 gene
A_55_P2364738	0.483	0.048	Plxdc1	plexin domain containing 1
A_55_P1969246	0.483	0.08		

A_55_P2006494	0.484	0.08	Apol10b	apolipoprotein L 10b
A_52_P235880	0.485	0.046	Gm5134	predicted gene 5134
A_55_P2351193	0.485	0.093	Snora47	small nucleolar RNA, H/ACA box 47
A_55_P2179341	0.486	0.048		
A_55_P2106106	0.487	0.065	Gpr77	G protein-coupled receptor 77
A_30_P01020711	0.487	0.077		
A_30_P01026525	0.488	0.017		
A_55_P1985835	0.49	0.021	Dnase1	deoxyribonuclease I
A_55_P2086148	0.493	0.028	Uhmk1	U2AF homology motif (UHM) kinase 1
A_30_P01029723	0.493	0.063		
A_55_P2038514	0.494	0.037		
A_55_P2129197	0.495	0.083	E030047D23Rik	RIKEN cDNA E030047D23 gene
A_30_P01030259	0.496	0.066		
A_55_P1981544	0.496	0.066	Lactb	lactamase, beta
A_55_P1984168	0.497	0.076	Casp4	caspase 4, apoptosis-related cysteine peptidase
A_55_P2077618	0.498	0.015	Csgalnact1	chondroitin sulfate N-acetylgalactosaminyltransferase 1
A_55_P2130104	0.499	0.011	2310046K01Rik	RIKEN cDNA 2310046K01 gene
A_55_P1958400	0.5	0.083	LOC236220	uncharacterized LOC236220
A_51_P289742	0.501	0.029	Slc27a5	solute carrier family 27 (fatty acid transporter), member 5
A_55_P1986691	0.501	0.068	Card6	caspase recruitment domain family, member 6
A_52_P507498	0.502	0.041	Plxnc1	plexin C1
A_55_P2058942	0.502	0.034	Aldh3b1	aldehyde dehydrogenase 3 family, member B1
A_30_P01030456	0.502	0.06		
A_55_P2046245	0.503	0.066	Hes1	hairy and enhancer of split 1 (Drosophila)
A_30_P01024111	0.503	0.092		
A_30_P01022162	0.505	0.094		
A_52_P216613	0.506	0.093	Gpr18	G protein-coupled receptor 18
A_55_P2000958	0.507	0.045	Sdr39u1	short chain dehydrogenase/reductase family 39U, member 1
A_30_P01022686	0.507	0.039		
A_55_P2054511	0.507	0.009		
A_52_P151905	0.508	0.007	Gm5132	predicted gene 5132
A_55_P2118537	0.509	0.034		
A_55_P1975041	0.51	0.005	Arhgef11	Rho guanine nucleotide exchange factor (GEF) 11
A_55_P2039416	0.511	0.056	Sgk1	serum/glucocorticoid regulated kinase 1
A_55_P1958088	0.511	0.051	Lyn	Yamaguchi sarcoma viral (v-yes-1) oncogene homolog
A_52_P118706	0.515	0.041	9630013D21Rik	RIKEN cDNA 9630013D21 gene
A_51_P420547	0.515	0.035	Clic5	chloride intracellular channel 5
A_30_P01021899	0.517	0.059		
A_51_P262144	0.517	0.04	Ddx19b	DEAD (Asp-Glu-Ala-Asp) box polypeptide 19b
A_55_P2090254	0.517	0.048	Sntg2	syntrophin, gamma 2
A_55_P2022074	0.517	0.065	Klf10	Kruppel-like factor 10
A_51_P479321	0.518	0.02	Acss1	acyl-CoA synthetase short-chain family member 1
A_30_P01032522	0.519	0.072		

A_55_P2254769	0.52	0.068	4931402G19Rik	RIKEN cDNA 4931402G19 gene
A_51_P337230	0.521	0.064	Galnt14	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14
A_55_P1975645	0.521	0.057	Tmtc1	transmembrane and tetratricopeptide repeat containing 1
A_51_P146149	0.522	0.041	Napsa	napsin A aspartic peptidase
A_30_P01029331	0.524	0.062		
A_55_P2258467	0.524	0.028	4833445I07Rik	RIKEN cDNA 4833445I07 gene
A_52_P505827	0.525	0.04	Cyb5r4	cytochrome b5 reductase 4
A_55_P2099620	0.526	0.03	Hmx2	H6 homeobox 2
A_52_P428673	0.526	0.075	Usp49	ubiquitin specific peptidase 49
A_55_P2031871	0.527	0.016	Plekhh3	pleckstrin homology domain containing, family H (with MyTH4 domain) member 3
A_55_P1954302	0.529	0.019	Esrrb	estrogen related receptor, beta
A_52_P150683	0.529	0.087	Grap2	GRB2-related adaptor protein 2
A_30_P01025480	0.53	0.071		
A_52_P183038	0.53	0.005	Impdh1	inosine 5'-phosphate dehydrogenase 1
A_51_P214423	0.53	0.072	Tead1	TEA domain family member 1
A_55_P2128944	0.531	0.023	Bcl2l13	BCL2-like 13 (apoptosis facilitator)
A_66_P103970	0.532	0.04	Acp1	acid phosphatase 1, soluble
A_55_P2149951	0.532	0.06	Prx	periaxin
A_55_P1969861	0.534	0.002	Zap70	zeta-chain (TCR) associated protein kinase
A_30_P01019709	0.534	0.036		
A_55_P1986282	0.534	0.041	Cdkn1a	cyclin-dependent kinase inhibitor 1A (P21)
A_30_P01033434	0.535	0.092		
A_66_P113262	0.535	0.041	Galnt14	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14
A_55_P2134587	0.536	0.047	Gm5132	predicted gene 5132
A_66_P113556	0.536	0.023	Wnt16	wingless-related MMTV integration site 16
A_51_P272066	0.536	0.038	2010109I03Rik	RIKEN cDNA 2010109I03 gene
A_51_P161830	0.537	0.026	Enpep	glutamyl aminopeptidase
A_55_P2101069	0.537	0.039	1700019J19Rik	RIKEN cDNA 1700019J19 gene
A_55_P2018492	0.537	0.01	Pgap3	post-GPI attachment to proteins 3
A_51_P503883	0.537	0.076	Plekhh4	pleckstrin homology domain containing, family G (with RhoGef domain) member 4
A_55_P2090718	0.538	0.009	Pop5	processing of precursor 5, ribonuclease P/MRP family (S. cerevisiae)
A_51_P345340	0.538	0.012	2310043J07Rik	RIKEN cDNA 2310043J07 gene
A_30_P01032696	0.538	0.065		
A_55_P2153459	0.538	0.002	Cecr2	cat eye syndrome chromosome region, candidate 2 homolog (human)
A_52_P467519	0.54	0.065	A430035B10Rik	RIKEN cDNA A430035B10 gene
A_52_P510215	0.541	0.012	Traf6	TNF receptor-associated factor 6
A_52_P88773	0.541	0.024	Tor2a	torsin family 2, member A
A_55_P1977929	0.542	0.035	Itgam	integrin alpha M
A_55_P1960286	0.542	0.008	Spns3	spinster homolog 3 (Drosophila)
A_52_P31543	0.543	0.027	Btg2	B-cell translocation gene 2, anti-proliferative
A_66_P118141	0.544	0.029	Sh2d2a	SH2 domain protein 2A
A_30_P01024633	0.546	0.013		
A_51_P410451	0.547	0.008	Tube1	epsilon-tubulin 1

A_55_P2116149	0.549	0.059		
A_55_P2050408	0.549	0.085		
A_55_P2107367	0.549	0.002	Pbx3	pre B-cell leukemia transcription factor 3
A_55_P2060752	0.549	0.01	Usp12	ubiquitin specific peptidase 12
A_55_P1967335	0.551	0.059		
A_55_P2115364	0.551	0.042		
A_52_P573727	0.551	0.001	Rrm2b	ribonucleotide reductase M2 B (TP53 inducible)
A_55_P2081040	0.551	0.003	Gpr27	G protein-coupled receptor 27
A_55_P2181665	0.552	0.031	Gm4129	predicted gene 4129
A_55_P2033445	0.552	0.093	Tnfrsf1b	tumor necrosis factor receptor superfamily, member 1b
A_55_P1987847	0.553	0.06		
A_52_P644690	0.553	0.091	Flt3l	FMS-like tyrosine kinase 3 ligand
A_51_P462972	0.553	0.004	Mudeng	MU-2/AP1M2 domain containing, death-inducing
A_30_P01021541	0.554	0.087		
A_55_P2120155	0.555	0.056	Ccdc88b	coiled-coil domain containing 88B
A_52_P221588	0.555	0.038	Gm5382	predicted gene 5382
A_52_P502849	0.555	0.095		
A_52_P267391	0.555	0.009	Trim12a	tripartite motif-containing 12A
A_55_P1984401	0.557	0.055	Shank2	SH3/ankyrin domain gene 2
A_66_P122883	0.557	0.091	Pde8a	phosphodiesterase 8A
A_55_P2091676	0.557	0.098	Fas	Fas (TNF receptor superfamily member 6)
A_55_P2141782	0.559	0.024		
A_55_P1961531	0.559	0.076	Tmem194	transmembrane protein 194
A_51_P454217	0.56	0.086	Nfkb2	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2, p49/p100
A_55_P2154387	0.561	0.089	Bmp4	bone morphogenetic protein 4
A_55_P2069256	0.561	0.054	Prr19	proline rich 19
A_55_P2073253	0.562	0.04		
A_52_P660477	0.562	0.045	Spo11	sporulation protein, meiosis-specific, SPO11 homolog (S. cerevisiae)
A_55_P2092226	0.562	0.036	Foxo6	forkhead box O6
A_55_P2009121	0.563	0.068	Agrn	agrin
A_55_P2091551	0.563	0.046	Arhgap9	Rho GTPase activating protein 9
A_51_P453010	0.564	0.023	Mphosph6	M phase phosphoprotein 6
A_55_P2172584	0.564	0.021	Mageb3	melanoma antigen, family B, 3
A_51_P303620	0.564	0.072	Whrn	whirlin
A_52_P136709	0.564	0.035	Pctp	phosphatidylcholine transfer protein
A_55_P1976928	0.565	0.042	Unc13d	unc-13 homolog D (C. elegans)
A_52_P56634	0.566	0.008	Map3k11	mitogen-activated protein kinase kinase kinase 11
A_66_P126332	0.567	0.053	Zfp703	zinc finger protein 703
A_55_P2109932	0.567	0.017	Tmem63b	transmembrane protein 63b
A_52_P342963	0.568	0.018	4930572J05Rik	RIKEN cDNA 4930572J05 gene
A_55_P2325648	0.569	0.014	BB085087	expressed sequence BB085087
A_52_P399990	0.57	0.039	B4galt2	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2
A_51_P415247	0.57	0.051		

A_30_P01023207	0.57	0.05		
A_30_P01025363	0.571	0.045		
A_55_P2079457	0.571	0.004		
A_30_P01026064	0.571	0.082		
A_55_P2057296	0.571	0.029	2310043J07Rik	RIKEN cDNA 2310043J07 gene
A_51_P226142	0.571	0.027	Fam116a	family with sequence similarity 116, member A
A_52_P322141	0.571	0.046	Ccdc88b	coiled-coil domain containing 88B
A_55_P1979833	0.573	0.059	Cited1	Cbp/p300-interacting transactivator with Glu/Asp-rich carboxy-terminal domain 1
A_55_P1988398	0.574	0.07		
A_55_P1976037	0.574	0.036	A430089I19Rik	RIKEN cDNA A430089I19 gene
A_55_P2064299	0.576	0.035	Sepx1	selenoprotein X 1
A_51_P272147	0.577	0.048	Fam158a	family with sequence similarity 158, member A
A_52_P595824	0.577	0.032	Cpeb4	cytoplasmic polyadenylation element binding protein 4
A_51_P440460	0.577	0.036	Hip1r	huntingtin interacting protein 1 related
A_55_P1976743	0.577	0.013		
A_55_P2052563	0.578	0.098	Id1	inhibitor of DNA binding 1
A_55_P2043382	0.579	0.025	Llgl2	lethal giant larvae homolog 2 (Drosophila)
A_55_P2108275	0.579	0.04		
A_55_P1977468	0.579	0.015	Dab2ip	disabled homolog 2 (Drosophila) interacting protein
A_55_P2022128	0.58	0.092	Cntnap1	contactin associated protein-like 1
A_55_P2009217	0.58	0.06	Rnu3b1	U3B small nuclear RNA 1
A_52_P432969	0.58	0.073	Pcdh19	protocadherin 19
A_30_P01031324	0.58	0.028		
A_55_P2115467	0.581	0.067	Tmem63b	transmembrane protein 63b
A_52_P539434	0.581	0.046	Lbh	limb-bud and heart
A_55_P2146560	0.581	0.072	H2-Ab1	histocompatibility 2, class II antigen A, beta 1
A_55_P2180504	0.581	0.017	4933413G19Rik	RIKEN cDNA 4933413G19 gene
A_30_P01030613	0.582	0.073		
A_55_P2060747	0.582	0.015	Esco1	establishment of cohesion 1 homolog 1 (S. cerevisiae)
A_55_P1964752	0.583	0.068	Slc23a3	solute carrier family 23 (nucleobase transporters), member 3
A_30_P01028270	0.583	0.046		
A_52_P119060	0.583	0.061	Acpp	acid phosphatase, prostate
A_55_P2157483	0.584	0.01		
A_30_P01017888	0.584	0.041		
A_55_P2102533	0.584	0.042	Fuca2	fucosidase, alpha-L- 2, plasma
A_55_P2137314	0.584	0	Kctd21	potassium channel tetramerisation domain containing 21
A_55_P2161465	0.586	0.047	Gm10516	predicted gene 10516
A_51_P151126	0.586	0	Cd52	CD52 antigen
A_55_P2099560	0.587	0.05	Apobec1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1
A_30_P01026160	0.588	0.037		
A_52_P325116	0.589	0.056	Gramd1b	GRAM domain containing 1B
A_52_P40954	0.59	0.02	5330426P16Rik	RIKEN cDNA 5330426P16 gene
A_55_P2207342	0.59	0.02	1810059H22Rik	RIKEN cDNA 1810059H22 gene

A_66_P126313	0.59	0.074	Rhof	ras homolog gene family, member f
A_51_P388325	0.591	0.077	Clgn	calmegin
A_55_P2277715	0.591	0.017	Nudt5	nudix (nucleoside diphosphate linked moiety X)-type motif 5
A_55_P2073557	0.591	0.028	Slc27a5	solute carrier family 27 (fatty acid transporter), member 5
A_55_P2139538	0.591	0.01	Gm7444	ring finger protein 19A pseudogene
A_55_P2017845	0.591	0.017	Ehbp1	EH domain binding protein 1
A_55_P2122789	0.591	0.056	Homer1	homer homolog 1 (Drosophila)
A_51_P297925	0.592	0.082	Zc3h12a	zinc finger CCCH type containing 12A
A_30_P01029338	0.593	0.032		
A_55_P2160198	0.593	0.014	Nipa2	non imprinted in Prader-Willi/Angelman syndrome 2 homolog (human)
A_55_P2121992	0.593	0.023		
A_55_P2266285	0.593	0.067	6330522J23Rik	RIKEN cDNA 6330522J23 gene
A_55_P2108165	0.593	0.078	Gm6907	predicted gene 6907
A_55_P2124976	0.594	0.011	Grhl1	grainyhead-like 1 (Drosophila)
A_55_P2042590	0.594	0.052	Polm	polymerase (DNA directed), mu
A_55_P2062793	0.594	0.071	Mfap2	microfibrillar-associated protein 2
A_51_P327121	0.595	0.038	Was	Wiskott-Aldrich syndrome homolog (human)
A_55_P1960261	0.595	0.004	Gm608	predicted gene 608
A_30_P01026590	0.595	0.076		
A_30_P01024457	0.595	0.01		
A_55_P2030638	0.596	0.03	Dusp23	dual specificity phosphatase 23
A_55_P2125376	0.596	0.097	Cacna1d	calcium channel, voltage-dependent, L type, alpha 1D subunit
A_51_P337195	0.598	0.025	Pipox	pipecolic acid oxidase
A_55_P2063755	0.599	0.069	Naip6	NLR family, apoptosis inhibitory protein 6
A_55_P2153461	0.599	0.007	Cecr2	cat eye syndrome chromosome region, candidate 2 homolog (human)
A_55_P2010567	0.6	0.065		
A_55_P2075170	0.6	0.068	Uhmk1	U2AF homology motif (UHM) kinase 1
A_51_P476261	0.6	0.017	Zfp120	zinc finger protein 120
A_55_P2167347	0.601	0.052		
A_51_P221677	0.601	0.012	Trim62	tripartite motif-containing 62
A_52_P68223	0.601	0.058	4933421O10Rik	RIKEN cDNA 4933421O10 gene
A_55_P2064659	0.603	0.057	Trim12a	tripartite motif-containing 12A
A_55_P2005470	0.605	0.038	Mfap4	microfibrillar-associated protein 4
A_55_P1959017	0.605	0.017		
A_55_P2183518	0.606	0.006		
A_30_P01030888	0.606	0.025		
A_55_P2007802	0.606	0.094	Smarca2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2
A_30_P01018884	0.606	0.079		
A_55_P2068882	0.607	0.031	Ccng2	cyclin G2
A_52_P332487	0.607	0.015	Ptpn7	protein tyrosine phosphatase, non-receptor type 7
A_55_P1960693	0.608	0.053	Gm11710	predicted gene 11710
A_51_P377452	0.608	0.058	Ncf4	neutrophil cytosolic factor 4
A_55_P2025612	0.609	0.08	Psme2	proteasome (prosome, macropain) 28 subunit, beta

A_55_P2401971	0.609	0.09	AU015680	expressed sequence AU015680
A_52_P586141	0.61	0.055	Adcy7	adenylate cyclase 7
A_52_P616544	0.61	0.032	Ptprv	protein tyrosine phosphatase, receptor type, V
A_55_P2027087	0.61	0.098	Plcl1	phospholipase C-like 1
A_55_P1977289	0.61	0.033	Zbtb9	zinc finger and BTB domain containing 9
A_55_P2061779	0.61	0.003	Zfp456	zinc finger protein 456
A_51_P348749	0.61	0.059	Lgl2	lethal giant larvae homolog 2 (Drosophila)
A_51_P194377	0.61	0.076	Pcbp4	poly(rC) binding protein 4
A_55_P2013863	0.61	0.029	1700028J19Rik	RIKEN cDNA 1700028J19 gene
A_55_P2179974	0.611	0.002	Spsb1	splA/ryanodine receptor domain and SOCS box containing 1
A_55_P2070992	0.611	0.076	Aldoc	aldolase C, fructose-bisphosphate
A_52_P84353	0.611	0.004	Homez	homeodomain leucine zipper-encoding gene
A_30_P01019428	0.612	0.023		
A_55_P2319020	0.612	0.051	BB557941	expressed sequence BB557941
A_55_P2000515	0.612	0.068	Peli1	pellino 1
A_55_P2133632	0.612	0.003	Sipa1l2	signal-induced proliferation-associated 1 like 2
A_55_P2013665	0.613	0.021	Mybpc2	myosin binding protein C, fast-type
A_55_P2028259	0.614	0.041	Rhbdf2	rhomboid 5 homolog 2 (Drosophila)
A_51_P150653	0.614	0.016	Ptprv	protein tyrosine phosphatase, receptor type, V
A_55_P2091736	0.615	0.008	Rassf2	Ras association (RalGDS/AF-6) domain family member 2
A_55_P2002968	0.615	0	Coro2a	coronin, actin binding protein 2A
A_52_P655136	0.615	0.048	Nlrc4	NLR family, CARD domain containing 4
A_55_P2111530	0.615	0.07		
A_51_P103222	0.615	0.044	Slc39a4	solute carrier family 39 (zinc transporter), member 4
A_30_P01019364	0.616	0.06		
A_52_P130639	0.617	0.082	Aipl1	aryl hydrocarbon receptor-interacting protein-like 1
A_55_P1991585	0.617	0.018	Blvrb	biliverdin reductase B (flavin reductase (NADPH))
A_51_P172231	0.617	0.02	Gsdmd	gasdermin D
A_51_P277295	0.617	0.091	2310001A20Rik	RIKEN cDNA 2310001A20 gene
A_55_P1961451	0.618	0.001	Adamts7	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 7
A_55_P1972710	0.618	0.003	Spinkl	serine protease inhibitor, Kazal type-like
A_55_P2062598	0.618	0.056	E2f7	E2F transcription factor 7
A_52_P139413	0.618	0.076	Tmem221	transmembrane protein 221
A_66_P135176	0.619	0	Trak2	trafficking protein, kinesin binding 2
A_66_P103418	0.619	0.073	Tmc8	transmembrane channel-like gene family 8
A_51_P486239	0.619	0.01	Clec3b	C-type lectin domain family 3, member b
A_55_P2146374	0.619	0.054	Nmnat1	nicotinamide nucleotide adenyltransferase 1
A_55_P2080870	0.619	0.072	Cmtm7	CKLF-like MARVEL transmembrane domain containing 7
A_51_P352264	0.619	0.03	Sirt7	sirtuin 7 (silent mating type information regulation 2, homolog) 7 (S. cerevisiae)
A_30_P01020323	0.619	0.006		
A_55_P2180086	0.62	0.071	Lrrc28	leucine rich repeat containing 28
A_55_P2093794	0.62	0.007	Usp3	ubiquitin specific peptidase 3
A_51_P394921	0.62	0.065	1700020L24Rik	RIKEN cDNA 1700020L24 gene

A_55_P2108221	0.62	0.041		
A_55_P2041457	0.62	0.086		
A_52_P71105	0.62	0.027	Sertad3	SERTA domain containing 3
A_55_P1960291	0.621	0.001	Tjp3	tight junction protein 3
A_55_P2302577	0.621	0.038	AI426330	expressed sequence AI426330
A_55_P2186572	0.621	0.027	Lypla2	lysophospholipase 2
A_55_P2063661	0.622	0.01	Tmem168	transmembrane protein 168
A_55_P1979526	0.622	0.036	Cdkn2b	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)
A_52_P830312	0.623	0.019	A230051G13Rik	RIKEN cDNA A230051G13 gene
A_52_P191567	0.623	0.043	Plcl1	phospholipase C-like 1
A_66_P131110	0.623	0.081	Zfp473	zinc finger protein 473
A_30_P01031367	0.623	0.092		
A_55_P1973501	0.624	0.064	Ceacam16	carcinoembryonic antigen-related cell adhesion molecule 16
A_55_P2067131	0.624	0.081	Dclre1c	DNA cross-link repair 1C, PSO2 homolog (S. cerevisiae)
A_55_P2130535	0.624	0.093	Dnmt3b	DNA methyltransferase 3B
A_55_P2104071	0.625	0.076	Defa23	defensin, alpha, 23
A_55_P2099520	0.625	0.065	H2afv	H2A histone family, member V
A_30_P01017477	0.625	0.003		
A_55_P1956687	0.625	0.086	Rab37	RAB37, member of RAS oncogene family
A_66_P110212	0.626	0.087		
A_51_P278887	0.626	0.07	Hint2	histidine triad nucleotide binding protein 2
A_51_P474701	0.626	0.056	Fbp1	fructose biphosphatase 1
A_30_P01030263	0.626	0.006		
A_65_P05316	0.627	0.021	Zfp182	zinc finger protein 182
A_66_P120277	0.627	0.062	9330182L06Rik	RIKEN cDNA 9330182L06 gene
A_55_P2050268	0.627	0.008	Nfkbid	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, delta
A_30_P01021974	0.627	0.05		
A_30_P01019463	0.627	0.056		
A_55_P1974347	0.627	0.022	Fam126b	family with sequence similarity 126, member B
A_51_P512591	0.628	0	Cdc42se1	CDC42 small effector 1
A_52_P417825	0.628	0.029	Osgin2	oxidative stress induced growth inhibitor family member 2
A_55_P2009567	0.629	0.065	Rod1	ROD1 regulator of differentiation 1 (S. pombe)
A_51_P418116	0.629	0.002	Tmem119	transmembrane protein 119
A_55_P2121446	0.629	0.078	Gm10751	predicted gene 10751
A_55_P1981830	0.629	0.077		
A_55_P2037873	0.629	0.09		
A_55_P2387121	0.629	0.008	4930426I24Rik	RIKEN cDNA 4930426I24 gene
A_52_P765764	0.63	0.03		
A_55_P2155062	0.63	0.096	Naa40	N(alpha)-acetyltransferase 40, NatD catalytic subunit, homolog (S. cerevisiae)
A_30_P01022407	0.63	0.09		
A_55_P2047559	0.63	0.088	6330503K22Rik	RIKEN cDNA 6330503K22 gene
A_51_P520084	0.63	0.038	Lypla2	lysophospholipase 2
A_55_P1976278	0.63	0.035	Prkcb	protein kinase C, beta

A_55_P1987822	0.63	0.023	Ufm1	ubiquitin-fold modifier 1
A_55_P1968433	0.631	0.006	Agpat9	1-acylglycerol-3-phosphate O-acyltransferase 9
A_55_P2061278	0.631	0.071	Sik1	salt inducible kinase 1
A_55_P2000062	0.631	0.025	Irf1	interferon regulatory factor 1
A_51_P498442	0.631	0.022	Slc34a1	solute carrier family 34 (sodium phosphate), member 1
A_51_P368009	0.632	0.012	E2f2	E2F transcription factor 2
A_55_P2025273	0.632	0.058	Trabd	TraB domain containing
A_55_P2065434	0.633	0.012		
A_55_P1967069	0.633	0.017	Lpar6	lysophosphatidic acid receptor 6
A_51_P372702	0.634	0.072	Il16	interleukin 16
A_51_P430900	0.634	0.02	Dusp1	dual specificity phosphatase 1
A_55_P2068520	0.635	0.064		
A_55_P2020577	0.635	0.064	Pcolce	procollagen C-endopeptidase enhancer protein
A_55_P2172364	0.635	0.067		
A_30_P01032841	0.636	0.085		
A_55_P2067116	0.636	0.008	Dclre1c	DNA cross-link repair 1C, PSO2 homolog (<i>S. cerevisiae</i>)
A_55_P2121195	0.636	0.068	Lcorl	ligand dependent nuclear receptor corepressor-like
A_51_P128336	0.636	0.095	Serinc5	serine incorporator 5
A_55_P1994173	0.637	0.001		
A_52_P484838	0.637	0.02	Rfxank	regulatory factor X-associated ankyrin-containing protein
A_55_P2036091	0.637	0.074		
A_55_P2170210	0.638	0.038	Ap1s3	adaptor-related protein complex AP-1, sigma 3
A_55_P2023235	0.639	0.034	Fen1	flap structure specific endonuclease 1
A_30_P01029886	0.639	0.084		
A_52_P400999	0.64	0.048	Arhgap31	Rho GTPase activating protein 31
A_30_P01027659	0.64	0.032		
A_55_P2158577	0.64	0.002	Nphp4	nephronophthisis 4 (juvenile) homolog (human)
A_30_P01029597	0.64	0.01		
A_51_P348397	0.64	0.048	Hexim1	hexamethylene bis-acetamide inducible 1
A_55_P2165120	0.641	0.097	Cblb	Casitas B-lineage lymphoma b
A_55_P2190010	0.641	0.019	2010110K18Rik	RIKEN cDNA 2010110K18 gene
A_51_P232207	0.641	0.041	Hoxb6	homeobox B6
A_55_P2030660	0.642	0.001		
A_55_P2161912	0.642	0.08		
A_51_P154997	0.642	0.027	Brms1	breast cancer metastasis-suppressor 1
A_55_P1984561	0.642	0.031	Cpne2	copine II
A_30_P01030293	0.642	0.046		
A_51_P352283	0.642	0.05	Cyb561d1	cytochrome b-561 domain containing 1
A_55_P2092296	0.643	0.018	Fbxo2	F-box protein 2
A_52_P533250	0.643	0.002		
A_55_P2056483	0.643	0.073	Phkg1	phosphorylase kinase gamma 1
A_30_P01026346	0.644	0.092		
A_55_P2038452	0.645	0.056		

A_51_P436878	0.645	0.073	Sertad1	SERTA domain containing 1
A_55_P2041753	0.645	0.005	Sec22a	SEC22 vesicle trafficking protein homologue A (<i>S. cerevisiae</i>)
A_30_P01025554	0.646	0.089		
A_55_P2305525	0.647	0.067	C81189	expressed sequence C81189
A_51_P308597	0.647	0.009	Gcm2	glial cells missing homolog 2 (<i>Drosophila</i>)
A_66_P128537	0.647	0.04	Isg15	ISG15 ubiquitin-like modifier
A_55_P2141544	0.648	0.004		
A_52_P231232	0.648	0.036	Nanos1	nanos homolog 1 (<i>Drosophila</i>)
A_30_P01025495	0.648	0.046		
A_55_P2052981	0.649	0.025	Cdc23	CDC23 (cell division cycle 23, yeast, homolog)
A_55_P1958394	0.65	0.016	Slit2	slit homolog 2 (<i>Drosophila</i>)
A_55_P2061273	0.65	0.029	Tbx6	T-box 6
A_51_P273508	0.65	0.018	Ube2g1	ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, <i>C. elegans</i>)
A_51_P378009	0.65	0.042	Blzf1	basic leucine zipper nuclear factor 1
A_51_P507778	0.65	0.049	Sdr42e1	short chain dehydrogenase/reductase family 42E, member 1
A_51_P238786	0.65	0.02	Mcl1	myeloid cell leukemia sequence 1
A_55_P2114569	0.65	0.012	Zfp191	zinc finger protein 191
A_51_P296100	0.651	0.021	Rhot2	ras homolog gene family, member T2
A_55_P1989251	0.651	0.024	Chfr	checkpoint with forkhead and ring finger domains
A_55_P2163018	0.652	0.082		
A_55_P1964327	0.652	0.097	Ppwd1	peptidylprolyl isomerase domain and WD repeat containing 1
A_30_P01026426	0.652	0.051		
A_55_P2139256	0.652	0.081	Rps6ka1	ribosomal protein S6 kinase polypeptide 1
A_55_P2107577	0.653	0.033	LOC100503257	uncharacterized LOC100503257
A_55_P2052081	0.653	0.034	Eif1ad	eukaryotic translation initiation factor 1A domain containing
A_55_P2003129	0.653	0.038	Tmem194	transmembrane protein 194
A_55_P2070769	0.653	0.038	Dus1l	dihydrouridine synthase 1-like (<i>S. cerevisiae</i>)
A_55_P2104572	0.654	0.015	6330416G13Rik	RIKEN cDNA 6330416G13 gene
A_30_P01020562	0.654	0.073		
A_52_P425971	0.654	0.037	1700067K01Rik	RIKEN cDNA 1700067K01 gene
A_51_P222283	0.654	0.086	Mlycd	malonyl-CoA decarboxylase
A_55_P2163128	0.655	0.075	0610042G04Rik	RIKEN cDNA 0610042G04 gene
A_51_P250058	0.655	0.034	Epas1	endothelial PAS domain protein 1
A_55_P2013113	0.655	0.003	Bak1	BCL2-antagonist/killer 1
A_30_P01028900	0.655	0.085		
A_65_P12104	0.656	0.005	Tmtc1	transmembrane and tetratricopeptide repeat containing 1
A_55_P2169839	0.656	0.072	Rufy3	RUN and FYVE domain containing 3
A_55_P1963915	0.657	0.031	Gm7298	murinoglobulin 1 pseudogene
A_30_P01020932	0.657	0.003		
A_55_P1955691	0.657	0.012	Alg6	asparagine-linked glycosylation 6 homolog (yeast, alpha-1,3,-glucosyltransferase)
A_55_P1988065	0.657	0.019	Gm17745	predicted gene, 17745
A_52_P425860	0.658	0.08	Iqsec1	IQ motif and Sec7 domain 1
A_51_P103209	0.658	0.06	Ttc7	tetratricopeptide repeat domain 7

A_55_P2236153	0.658	0.022	1700006J14Rik	RIKEN cDNA 1700006J14 gene
A_30_P01019006	0.658	0.082		
A_55_P2062568	0.658	0.053	Caprin2	caprin family member 2
A_55_P2045697	0.659	0.015	Sirt7	sirtuin 7 (silent mating type information regulation 2, homolog) 7 (S. cerevisiae)
A_51_P447866	0.659	0.082	Sash3	SAM and SH3 domain containing 3
A_30_P01030230	0.659	0.01		
A_55_P2119011	0.659	0.063	Osbp19	oxysterol binding protein-like 9
A_30_P01020040	0.66	0.08		
A_55_P2147250	0.66	0.031	Caprin2	caprin family member 2
A_30_P01030842	0.66	0.092		
A_55_P2253746	0.66	0.052	Nip7	nuclear import 7 homolog (S. cerevisiae)
A_55_P2070825	0.66	0.016	Nudt5	nudix (nucleoside diphosphate linked moiety X)-type motif 5
A_51_P163694	0.66	0.041	Rufy1	RUN and FYVE domain containing 1
A_30_P01019369	0.66	0.061		
A_55_P2154557	0.661	0.003		
A_55_P2089198	0.661	0.052	Rgs7	regulator of G protein signaling 7
A_55_P2031999	0.662	0.016	9030617O03Rik	RIKEN cDNA 9030617O03 gene
A_65_P14951	0.662	0.01	Cblb	Casitas B-lineage lymphoma b
A_30_P01031507	0.662	0.075		
A_55_P2021099	0.662	0.032	Tmem181a	transmembrane protein 181A
A_52_P493091	0.662	0.017	Fmr1	fragile X mental retardation syndrome 1 homolog
A_55_P1968085	0.662	0.063		
A_55_P1979147	0.662	0.097	Klrb1c	killer cell lectin-like receptor subfamily B member 1C
A_55_P2038130	0.663	0.043	Ptprj	protein tyrosine phosphatase, receptor type, J
A_51_P109369	0.663	0.068	Fbxo32	F-box protein 32
A_55_P2186580	0.664	0.045	2810021J22Rik	RIKEN cDNA 2810021J22 gene
A_52_P647291	0.664	0.065	Cecr2	cat eye syndrome chromosome region, candidate 2 homolog (human)
A_55_P2051229	0.664	0.002	Gpr132	G protein-coupled receptor 132
A_55_P1955816	0.665	0.066	2810021J22Rik	RIKEN cDNA 2810021J22 gene
A_55_P2039324	0.666	0.08	Ccnf	cyclin F
A_30_P01025376	0.666	0.06		
A_51_P268843	0.666	0.041	Rasip1	Ras interacting protein 1
A_30_P01022721	0.666	0.003		
A_66_P128909	0.666	0.089	Numbl	numb-like
A_55_P2063256	0.666	0.097	Lgals4	lectin, galactose binding, soluble 4
A_55_P2056241	0.666	0.033	Pdlim5	PDZ and LIM domain 5
A_55_P2129407	0.667	0.033		
A_51_P196695	0.667	0.042	Il7r	interleukin 7 receptor