

Table 1

Illumina ID	Symbol	Definition	Mean Clock	Mean WT	P-value	Fold Change	Accession Number	Synonyms
ILMN_2616226	Dbp	Mus musculus D site albumin promoter binding protein (Dbp), mRNA	695	2216	0.00172	-3.2	NM_016974.1	
ILMN_1246194	LOC667370	PREDICTED: Mus musculus similar to interferon-induced protein with tetratricopep	292	747	0.01561	-2.6	XM_001480084.1	
ILMN_1216639	Pak3	Mus musculus p21 (CDKN1A)-activated kinase 3 (Pak3), mRNA	482	1225	0.01657	-2.5	NM_008778.2	mPAK-3; Pak65beta; PAK-3; Stk4; Pak65alpha
ILMN_1229091	LOC100047427	PREDICTED: Mus musculus similar to thyroid hormone receptor (LOC100047427), mRNA	348	864	0.02254	-2.5	XM_001478949.1	
ILMN_2644381	A930034L06Rik	Mus musculus RIKEN cDNA A930034L06 gene (A930034L06Rik), mRNA	136	337	0.00095	-2.5	NM_175692.3	E130013N09Rik; AL022637; AW319638; RP23-132A3.1; AI854265
ILMN_2767871	Pdyn	Mus musculus prodynorphin (Pdyn), mRNA	1913	4736	0.00456	-2.5	NM_018863.2	Dyn
ILMN_2690064	Hnrpd1	Mus musculus heterogeneous nuclear ribonucleoprotein D-like (Hnrpd1), mRNA	1130	2620	0.00051	-2.3	NM_016690.2	hnRNP-DL; AA407431; JKTBP; D5Erdt650e; D5Wsu145e; AA959857
ILMN_1230458	Ifit3	Mus musculus interferon-induced protein with tetratricopeptide repeats 3 (Ifit3)	315	716	0.02152	-2.3	NM_010501.2	Ifi49; MGC107331
ILMN_1225985	Serpina7	Mus musculus serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiprot	509	1144	0.00573	-2.2	NM_177920.4	TBG; C730040N12Rik
ILMN_1216091	Wipi1	Mus musculus WD repeat domain, phosphoinositide interacting 1 (Wipi1), mRNA	188	420	0.00042	-2.2	NM_145940.2	MGC36476; AW411817; D11Erdt498e; 4930533H01Rik
ILMN_2658582	Rgs17	Mus musculus regulator of G-protein signaling 17 (Rgs17), mRNA	341	743	0.00453	-2.2	NM_019958.3	Rgsz2; 6430507P11Rik
ILMN_2667597	Ifit2	Mus musculus interferon-induced protein with tetratricopeptide repeats 2 (Ifit2)	157	340	0.00205	-2.2	NM_008332.2	Ifi54; AV302338
ILMN_1250001	4930583H14Rik	Mus musculus RIKEN cDNA 4930583H14 gene (4930583H14Rik), mRNA	66	141	0.04173	-2.1	NM_026358.2	AI195347; Osap
ILMN_1219749	Tnfrsf22	Mus musculus tumor necrosis factor receptor superfamily, member 22 (Tnfrsf22)	1048	2211	0.00590	-2.1	NM_023680.3	Tnfrh2; Tnfrsf1a12; 2810028K06Rik; SOBa; mDcTrailr2; C130035G06Rik
ILMN_1223511	C230071H18Rik	Mus musculus RIKEN cDNA C230071H18 gene (C230071H18Rik), mRNA	83	172	0.00324	-2.1	NM_207265.2	
ILMN_2667203	Rgs11	Mus musculus regulator of G-protein signaling 11 (Rgs11), mRNA	592	1225	0.01477	-2.1	NM_001081069.1	C78048
ILMN_2685543	Car15	Mus musculus carbonic anhydrase 15 (Car15), mRNA	1538	3181	0.00088	-2.1	NM_030558.2	Cals2; AI315043
ILMN_1244513	Gbp3	Mus musculus guanylate nucleotide binding protein 3 (Gbp3), mRNA	667	1369	0.01026	-2.1	NM_018734.3	Gbp4; AW228655
ILMN_1213337	Zcchc12	Mus musculus zinc finger, CCHC domain containing 12 (Zcchc12), mRNA	192	392	0.01459	-2.0	NM_028325.2	AV136720; 2810028A01Rik
ILMN_2454204	Tnfrsf22		922	1881	0.00545	-2.0	NM_023680	
ILMN_1258676	Tef	Mus musculus thyrotroph embryonic factor (Tef), transcript variant 1, mRNA	1114	2251	0.00196	-2.0	NM_017376.2	2310028D20Rik
ILMN_1237990	Gale	Mus musculus galactose-4-epimerase, UDP (Gale), mRNA	475	945	0.02761	-2.0	NM_178389.3	AI323962; 2310002A12Rik
ILMN_2758622	EG329763	Mus musculus predicted gene, EG329763 (EG329763), mRNA	83	164	0.00356	-2.0	NM_177860.3	D830013H12
ILMN_1245389	LOC236604	Mus musculus phosphatidylserine decarboxylase pseudogene (LOC236604)	337	652	0.01294	-1.9	NR_003517.1	
ILMN_2769930	Gm1631		95	180	0.04637	-1.9	NM_201366	
ILMN_1243921	5330431K02Rik		273	513	0.02605	-1.9	NM_026606.1	
ILMN_2687040	Echdc2	Mus musculus enoyl Coenzyme A hydratase domain containing 2 (Echdc2), mRNA	169	314	0.00036	-1.9	NM_026728.2	2610009M20Rik; D4Erdt765e; 1300017C12Rik
ILMN_1244123	Slc38a2	Mus musculus solute carrier family 38, member 2 (Slc38a2), mRNA	1223	2272	0.00315	-1.9	NM_175121.3	mKIAA1382; SAT2; 5033402L14Rik; AI316867; ATA2
ILMN_2662728	Neu2	Mus musculus neuraminidase 2 (Neu2), mRNA	95	176	0.00018	-1.9	NM_015750.2	MTS; MSS; MBS
ILMN_2643455	Trabd	Mus musculus TraB domain containing (Trabd), mRNA	374	682	0.02260	-1.8	NM_026485.2	AL023039; 5730502D15Rik
ILMN_2749669	Nr1d1	Mus musculus nuclear receptor subfamily 1, group D, member 1 (Nr1d1), mRNA	194	352	0.03295	-1.8	NM_145434.3	AS30070C09Rik; R75201
ILMN_1248099	Col16a1	Mus musculus procollagen, type XVI, alpha 1 (Col16a1), mRNA	248	450	0.02421	-1.8	NM_028266.4	AS30052M23Rik; 2700007F12Rik; CA1F; AI838662
ILMN_1256257	LOC100038882	PREDICTED: Mus musculus hypothetical protein LOC100038882 (LOC100038882), mRNA	449	814	0.00813	-1.8	XM_001471686.1	
ILMN_2620406	Nptx2	Mus musculus neuronal pentraxin 2 (Nptx2), mRNA	149	267	0.00361	-1.8	NM_016789.2	Narp; np2
ILMN_1218923	LOC100041932	PREDICTED: Mus musculus hypothetical protein LOC100041932 (LOC100041932), mRNA	141	251	0.00263	-1.8	XM_001477842.1	
ILMN_1243928	Npy	Mus musculus neuropeptide Y (Npy), mRNA	173	307	0.01328	-1.8	NM_023456.2	0710005A05Rik
ILMN_2602881	5330439M10Rik		250	441	0.00052	-1.8	NM_183132.1	
ILMN_2645433	E330018D03Rik	Mus musculus RIKEN cDNA E330018D03 gene (E330018D03Rik), mRNA	127	223	0.00037	-1.8	NM_177133.2	FLJ10126
ILMN_2597899	Ccdc131	Mus musculus coiled-coil domain containing 131 (Ccdc131), mRNA, XM_925322	501	876	0.00372	-1.7	NM_001033261.2	BC033596; Psrc2
ILMN_1249670	Pdia4	Mus musculus protein disulfide isomerase associated 4 (Pdia4), mRNA	1324	2285	0.00311	-1.7	NM_009787.2	Erp72; AI987846; Cai
ILMN_2643915	Etv1	Mus musculus ets variant gene 1 (Etv1), mRNA	209	358	0.04406	-1.7	NM_007960.3	Etsrp81; ER81
ILMN_2428301	Clk1	Mus musculus CDC-like kinase 1 (Clk1), transcript variant 1, mRNA	1098	1880	0.02561	-1.7	NM_001042634.1	STY
ILMN_2615312	Ntn2	Mus musculus netrin 2-like (chicken) (Ntn2), mRNA	171	289	0.00655	-1.7	NM_010947.3	Ntn3
ILMN_2599374	Fndc3a	Mus musculus fibronectin type III domain containing 3a (Fndc3a), mRNA	415	698	0.00029	-1.7	NM_207636.2	D14Erdt453e; Fndc3; 1700094E19Rik; sys; F730017H24Rik
ILMN_1221852	Tmem118	Mus musculus transmembrane protein 118 (Tmem118), mRNA	456	766	0.03699	-1.7	NM_172998.2	AW049082; B830028P19Rik
ILMN_1213911	Ccdc84	Mus musculus coiled-coil domain containing 84 (Ccdc84), mRNA	223	374	0.00692	-1.7	NM_201372.3	Gm1114; D630044F24Rik; MGC106805
ILMN_1216015	Gmpps	Mus musculus GDP-mannose pyrophosphorylase 4 (Gmpps), mRNA	1293	2159	0.00742	-1.7	NM_133708.3	1810012N01Rik
ILMN_1247920	Per1	Mus musculus period homolog 1 (Drosophila) (Per1), mRNA	173	288	0.00430	-1.7	NM_011065.3	MGC102121; Per; mPer1; m-rigui
ILMN_2741754	Jam2	Mus musculus junction adhesion molecule 2 (Jam2), mRNA	154	256	0.02102	-1.7	NM_023844.4	AU016127; 2410167M24Rik; JAM-B; VE-JAM; 1110002N23Rik; 2410030G21Rik; JAM-2
ILMN_2628822	Oas1g	Mus musculus 2'-5' oligoadenylate synthetase 1G (Oas1g), mRNA	309	514	0.01825	-1.7	NM_011852.2	Oas1a; Oias1; L2; AI449562; Oias-1; Mmu-L; Mmu-L2
ILMN_2765407	Luc7l2	Mus musculus LUC7-like 2 (S. cerevisiae) (Luc7l2), mRNA	402	667	0.00125	-1.7	NM_138680.1	CGI-74; AA522013; 4930471C18Rik; Cgi74; CGI-59; AU015269
ILMN_1239270	Inha	Mus musculus inhibin alpha (Inha), mRNA	125	207	0.00111	-1.7	NM_010564.4	AW555078
ILMN_2609014	Per3	Mus musculus period homolog 3 (Drosophila) (Per3), mRNA	54	89	0.00037	-1.6	NM_011067.2	mPer3; 2810049O06Rik
ILMN_1228206	Dcx	Mus musculus doublecortin (Dcx), mRNA	160	264	0.02380	-1.6	NM_010025.2	Dbct
ILMN_1224855	Samd9l	PREDICTED: Mus musculus sterile alpha motif domain containing 9-like, transcript	817	1344	0.03890	-1.6	XM_620286.3	
ILMN_1250689	Rgs9	Mus musculus regulator of G-protein signaling 9 (Rgs9), mRNA	1405	2310	0.02289	-1.6	NM_011268.2	RGS9-1; MGC150268; MGC150267; Rgs9-2
ILMN_2717117	4930546H06Rik	Mus musculus RIKEN cDNA 4930546H06 gene (4930546H06Rik), mRNA	231	379	0.01644	-1.6	NM_029205.2	B230206P06Rik
ILMN_2599615	Ergic3	Mus musculus ERGIC and golgi 3 (Ergic3), mRNA	1204	1976	0.00133	-1.6	NM_025516.4	NY-BR-84; 2310015B14Rik; DKFZp547A2190; CGI-54; D2Ucla1; Sdbcag84; AV318804
ILMN_1221943	Sdf2l1	Mus musculus stromal cell-derived factor 2-like 1 (Sdf2l1), mRNA	828	1357	0.00269	-1.6	NM_022324.2	
ILMN_1215791	Alox5ap		532	872	0.01399	-1.6	NM_009663	
ILMN_1225673	Ccnd1	Mus musculus cyclin D1 (Ccnd1), mRNA	538	879	0.00603	-1.6	NM_007631.2	AI327039; PRAD1; bcl-1; Cyl-1
ILMN_2741277	Snurf	Mus musculus SNRPN upstream reading frame (Snurf), mRNA	1873	3062	0.04706	-1.6	NM_033174.2	Snrnp; MGC18604; MGC30325; 2410045I01Rik
ILMN_2636360	Scotin	Mus musculus scotin gene (Scotin), transcript variant 2, mRNA	518	844	0.02698	-1.6	NM_026381.3	6430628I05Rik; 2310008D10Rik
ILMN_1227414	3010022N24Rik		85	137	0.02077	-1.6	XM_149833.1	
ILMN_2713285	Fhl1	Mus musculus four and a half LIM domains 1 (Fhl1), transcript variant 1, mRNA	861	1395	0.02342	-1.6	NM_001077361.1	KyoT
ILMN_2774491	1700065A05Rik		115	186	0.00302	-1.6	XM_283972	
ILMN_1223875	Rasd2	PREDICTED: Mus musculus RASD family, member 2 (Rasd2), mRNA	775	1243	0.00002	-1.6	XM_204287.8	
ILMN_2636339	Isgf3g	Mus musculus interferon dependent positive acting transcription factor 3 gamma	252	404	0.01043	-1.6	NM_008394.2	Irf-9; p48
ILMN_1227212	2810403A07Rik	Mus musculus RIKEN cDNA 2810403A07 gene (2810403A07Rik), mRNA	1409	2255	0.00037	-1.6	NM_028814.2	AI451678; AI256352; A430106P18Rik
ILMN_1257756	Cbs	Mus musculus cystathionine beta-synthase (Cbs), transcript variant 1, mRNA	229	366	0.04465	-1.6	NM_144855.2	MGC37300; MGC18895; AI047524; AI303044; MGC18856; HIP4
ILMN_1242833	Kif12	Mus musculus kinesin family member 12 (Kif12), mRNA	616	980	0.04481	-1.6	NM_010616.2	
ILMN_2484147	Tro	Mus musculus trophinin (Tro), transcript variant 1, mRNA	99	157	0.01561	-1.6	NM_001002272.2	Maged3l; Maged3; Tnn; maophinin; AA409408; Trol
ILMN_2756226	C630025L14		615	975	0.00453	-1.6	NM_172489.1	
ILMN_2742160	H13	Mus musculus histocompatibility 13 (H13), mRNA	1656	2618	0.03204	-1.6	NM_010376.3	Spp; H-13; AV020344; 4930443L17Rik; 1200006O09Rik; 5031424B04Rik; PSL3
ILMN_1220813	Dtx3l	Mus musculus delfx 3-like (Drosophila) (Dtx3l), mRNA	511	805	0.00004	-1.6	NM_001013371.2	MGC102362; BC023741; AU042200
ILMN_2608043	Hes6	Mus musculus hairy and enhancer of split 6 (Drosophila) (Hes6), mRNA	304	479	0.00640	-1.6	NM_019479.3	AI326893
ILMN_1246073	Lefty1	Mus musculus left right determination factor 1 (Lefty1), mRNA	315	494	0.00430	-1.6	NM_010094.3	lefty; Stra3; lefty-1; Leftb; AI450052; Tqfb4
ILMN_1217584	Tubb5	Mus musculus tubulin, beta 5 (Tubb5), mRNA	1040	1626	0.00498	-1.6	NM_011655.4	AI596182; M(beta)5; AA408537; B130022C14Rik

ILMN_1255363	Fkbp14	Mus musculus FK506 binding protein 14 (Fkbp14), mRNA	373	578	0.03989	-1.6	NM_153573.1	BC029109: MGC18737: FkBP22
ILMN_2702703	Shmt2	Mus musculus serine hydroxymethyltransferase 2 (mitochondrial) (Shmt2), mRNA	220	341	0.04031	-1.6	NM_028230.3	2700043D08Rik: AA408223: AA986903
ILMN_1220508	1110018J23Rik		308	478	0.01145	-1.6	XM_140742.4	
ILMN_1245037	Ngef		73	113	0.00245	-1.5	NM_019867	
ILMN_2614644	5730406M06Rik	PREDICTED: Mus musculus RIKEN cDNA 5730406M06 gene, transcript variant 32	464	716	0.00239	-1.5	XM_920534.2	
ILMN_2641217	Sult1d1	Mus musculus sulfotransferase family 1D, member 1 (Sult1d1), mRNA	186	286	0.01433	-1.5	NM_016771.2	5033411P13Rik: AI987815: Sultn: ST1d1: SULT-N
ILMN_2737517	Cik4	Mus musculus CDC like kinase 4 (Cik4), mRNA	409	629	0.00042	-1.5	NM_007714.4	AI987988: C85119
ILMN_2730116	Coq10b	Mus musculus coenzyme Q10 homolog B (S. cerevisiae) (Coq10b), transcript variant	655	1008	0.02966	-1.5	NM_026424.3	1700030I21Rik: AW742641: AV002237: 9530077A17Rik: 1500041J02Rik
ILMN_2630641	Srm	Mus musculus spermidine synthase (Srm), mRNA	1335	2051	0.00231	-1.5	NM_009272.4	SppSy: AA407669
ILMN_2670959	Snrp70	Mus musculus U1 small nuclear ribonucleoprotein polypeptide A (Snrp70), mRNA	307	471	0.00400	-1.5	NM_009224.4	RnuIp70: R74807: 70kDa: 3200002N22Rik: Srp70: SNRNP70: 2700022N21Rik: U1-70
ILMN_2746664	Slc22a17	Mus musculus solute carrier family 22 (organic cation transporter), member 17	161	246	0.00236	-1.5	NM_021551.3	BOIT: Bcct: mBOCT: AW555662: AU041908: 1700094C23Rik
ILMN_2517290	Impact	Mus musculus imprinted and ancient (Impact), mRNA	339	516	0.03726	-1.5	NM_008378.2	E430016J11Rik
ILMN_2629329	Mcf2l	Mus musculus mcf 2 transforming sequence-like (Mcf2l), mRNA	152	230	0.03626	-1.5	NM_178076.2	mKIAA0362: Ost: C130040G20Rik: Ost gamma: Dbs
ILMN_2760765	BC021381	Mus musculus cDNA sequence BC021381 (BC021381), mRNA	244	371	0.00156	-1.5	NM_145382.3	MGC29235: MGC38018: MGC39032
ILMN_2706034	BC037393	Mus musculus cDNA sequence BC037393 (BC037393), mRNA	114	172	0.00078	-1.5	NM_201369.2	MGC25830
ILMN_1237435	Aox1	Mus musculus aldehyde oxidase 1 (Aox1), mRNA	528	800	0.02065	-1.5	NM_009676.2	Ro: Ao: MGC13774: AI255253: Aox2: Moro: AI196512: Aox-1: Aox-2
ILMN_1247017	Tnrc15	Mus musculus trinucleotide repeat containing 15 (Tnrc15), mRNA	137	207	0.05002	-1.5	NM_146112.3	AB30080H02Rik: AW259676: 2610016F01Rik: BC006835: Gigyf2: MGC38689: AI852361
ILMN_2638778	3300001P08Rik	Mus musculus RIKEN cDNA 3300001P08 gene (3300001P08Rik), mRNA	1269	1910	0.00051	-1.5	NM_026313.1	Luc7a: RP23-244C22.4
ILMN_1247334	Usp52	Mus musculus ubiquitin specific peptidase 52 (Usp52), mRNA	132	198	0.00147	-1.5	NM_133992.2	AW742773: AI047843: 1200014O24Rik: mKIAA0710
ILMN_1214329	Scotin	Mus musculus scotin gene (Scotin), transcript variant 1, mRNA	173	261	0.03965	-1.5	NM_025858.2	6430628I05Rik: mShisa5: 2310008D10Rik
ILMN_2747456	Ivns1abp	Mus musculus influenza virus NS1A binding protein (Ivns1abp), transcript variant	1654	2484	0.00800	-1.5	NM_054102.2	1700126I16Rik: Nd1-L: 1190004M08Rik: Nd1-S: NS1-BP: NS-1: ND1: HSPC068: AA960440
ILMN_1243734	5730407K14Rik		124	185	0.00169	-1.5	XM_355366.1	
ILMN_2626235	Lgals4	Mus musculus lectin, galactose binding, soluble 4 (Lgals4), mRNA	105	157	0.00050	-1.5	NM_010706.1	galectin-4
ILMN_1247078	Ogt	Mus musculus O-linked N-acetylglucosamine (GlcNAc) transferase	130	194	0.00921	-1.5	NM_139144.2	1110038P24Rik: 4831420N21Rik: AI115525
ILMN_2588663	Txndc11	Mus musculus thioredoxin domain containing 11 (Txndc11), transcript variant 1	160	239	0.01327	-1.5	NM_029582.2	2810408E11Rik: Txdc11: EFP1: AI427833
ILMN_2589525	Cpeb3	Mus musculus cytoplasmic polyadenylation element binding protein 3 (Cpeb3), mRNA	67	100	0.04122	-1.5	NM_198300.2	KIAA0940: mKIAA0940: 4831440I18Rik
ILMN_1257968	Arfgap1	Mus musculus ADP-ribosylation factor GTPase activating protein 1 (Arfgap1), mRNA	332	495	0.02403	-1.5	NM_145760.2	Arf1gap: AI115377
ILMN_2599154	Oasl2	Mus musculus 2'-5' oligoadenylate synthetase-like 2 (Oasl2), mRNA	91	136	0.00688	-1.5	NM_011854.2	Mmu-OASL: Oasl: M1204
ILMN_2628658	Atp6ap2	Mus musculus ATPase, H+ transporting, lysosomal accessory protein 2 (Atp6ap2)	2563	3802	0.04142	-1.5	NM_027439.3	M8-9: APT6M8-9: 5730403E06Rik: Atp6ip2: ATP6M8-9
ILMN_1242629	1600016N20Rik	Mus musculus RIKEN cDNA 1600016N20 gene (1600016N20Rik), mRNA	281	417	0.00871	-1.5	NM_028050.1	
ILMN_2687324	Col27a1	Mus musculus procollagen, type XXVII, alpha 1 (Col27a1), mRNA	63	93	0.00082	-1.5	NM_025685.3	5730512J02Rik: mKIAA1870: AI449266
ILMN_1220875	Fkbp2	Mus musculus FK506 binding protein 2 (Fkbp2), mRNA	4560	6747	0.02553	-1.5	NM_008020.2	mFKBP2: 13kDa: mFKBP13
ILMN_2656268	Fmnl2	Mus musculus formin-like 2 (Fmnl2), mRNA	1558	2303	0.03624	-1.5	NM_172409.2	Man: 5430425K04Rik
ILMN_2709891	Cldn1	Mus musculus claudin 1 (Cldn1), mRNA	69	101	0.02090	-1.5	NM_016674.3	AI596271
ILMN_1230878	H2-T10	Mus musculus histocompatibility 2, T region locus 10 (H2-T10), mRNA	328	484	0.00916	-1.5	NM_010395.5	H-2T10
ILMN_2704257	Reln	Mus musculus reelin (Reln), mRNA	89	132	0.01726	-1.5	NM_011261.2	reeler: rl
ILMN_2634621	Parp14		307	452	0.00104	-1.5	NM_145481.1	
ILMN_1239648	Tmed4	Mus musculus transmembrane emp24 protein transport domain containing 4 (Tmed4)	1608	2368	0.02110	-1.5	NM_134020.1	1110014L17Rik: RP23-198N14.6: AI326346
ILMN_2732816	LOC674135	PREDICTED: Mus musculus similar to HLA-G protein (LOC674135), misc RNA	9567	14087	0.03917	-1.5	XR_004604.2	
ILMN_1236888	Rangap1		208	307	0.03490	-1.5	NM_011241	
ILMN_2662036	1700113I22Rik	Mus musculus RIKEN cDNA 1700113I22 gene (1700113I22Rik), mRNA	73	107	0.00571	-1.5	NM_026865.2	1110069E20Rik
ILMN_2645045	ErbB2ip	Mus musculus ErbB2 interacting protein (ErbB2ip), transcript variant 1, mRNA	86	127	0.00340	-1.5	NM_001005868.1	Erbin: 1700028E05Rik: mKIAA1225
ILMN_1241071	Safb2	Mus musculus scaffold attachment factor B2 (Safb2), mRNA	127	186	0.00766	-1.5	NM_001029979.2	AA389433: mKIAA0138: AI255170
ILMN_2424937	Tnrc6a	Mus musculus trinucleotide repeat containing 6a (Tnrc6a), mRNA	930	1367	0.05072	-1.5	NM_144925.3	GW182: D130023A07Rik: Tnrc6: MGC11932: 2010321I05Rik: CAGH26: 3110054G10Rik
ILMN_2629165	2410004N11Rik		221	325	0.01120	-1.5	NM_025888.2	
ILMN_1229455	Rnf213	Mus musculus ring finger protein 213 (Rnf213), mRNA	686	1007	0.02000	-1.5	NM_001040005.2	D11Erd759e: 6030403J01: mKIAA1554
ILMN_2700039	Gbp6	Mus musculus guanylate binding protein 6 (Gbp6), mRNA	125	163	0.01267	-1.5	NM_001083312.1	Gbp7: 9830147J24Rik
ILMN_1227149	Gtl2	Mus musculus GTL2, imprinted maternally expressed untranslated mRNA (Gtl2)	92	135	0.02767	-1.5	NM_003633.1	Meg3: D12Bwg1266e: 3110050O07Rik: AW108224: 2900016C05Rik: 6330408G06Rik
ILMN_2423609	LOC633360	PREDICTED: Mus musculus hypothetical LOC633360 (LOC633360), mRNA	132	193	0.02293	-1.5	XM_907756.3	
ILMN_1256671	Hnrph1	Mus musculus heterogeneous nuclear ribonucleoprotein H1 (Hnrph1), mRNA	1639	2390	0.02253	-1.5	NM_021510.2	Hnrph: AI642080: E430005G16Rik
ILMN_2515784	Tspan6	Mus musculus tetraspanin 6 (Tspan6), mRNA	114	166	0.00742	-1.5	NM_019656.3	AI316786: T245: Tm45f6: TSPAN-6: 6720473L21Rik: MGC117923: Tm45f
ILMN_1238649	Rbm10	Mus musculus RNA binding motif protein 10 (Rbm10), mRNA	101	147	0.02174	-1.5	NM_145627.1	E430039K10Rik: mKIAA0122: MGC7826
ILMN_2652527	Ctndd2	Mus musculus catenin (cadherin associated protein), delta 2 (Ctndd2), mRNA	82	119	0.01437	-1.5	NM_008729.2	Catnd2: Nprap: neurojugin
ILMN_1250172	1700019H03Rik	Mus musculus RIKEN cDNA 1700019H03 gene (1700019H03Rik), mRNA	116	168	0.00880	-1.5	NM_183161.3	MGC28538: BC019537
ILMN_2647873	Nav1	Mus musculus neuron navigator 1 (Nav1), mRNA	1148	1667	0.02405	-1.5	NM_173437.1	9930003A20Rik: POMFIL3: mKIAA1151: unc53H1: 9530089B19: C230080M11Rik: steerin-1
ILMN_2717127	Ddx58	Mus musculus DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 (Ddx58), mRNA	205	298	0.00568	-1.5	NM_172689.3	C330021E21: 6430573D20Rik: RIG-I
ILMN_2650532	Tmed3	Mus musculus transmembrane emp24 domain containing 3 (Tmed3), mRNA	2093	3036	0.02369	-1.5	NM_025360.1	1200002G13Rik: P24b: AW546672
ILMN_1213351	Gsdm1	Mus musculus gasdermin 1 (Gsdm1), mRNA	793	1063	0.00145	-1.5	NM_021347.3	Gsdm: BB149167: H312E: Gsdm1
ILMN_1242333	Impm2	Mus musculus IMP2 inner mitochondrial membrane peptidase-like (S. cerevisiae)	375	544	0.01793	-1.4	NM_053122.3	AI853880: IMP2
ILMN_2699637	Lsr	Mus musculus lipolysis stimulated lipoprotein receptor (Lsr), mRNA	222	321	0.02273	-1.4	NM_017405.1	Lisch7
ILMN_2746811	Gpr108	Mus musculus G protein-coupled receptor 108 (Gpr108), mRNA	466	674	0.04445	-1.4	NM_030084.3	C79132: AA589464: 1810015L19Rik
ILMN_2604891	Car11	Mus musculus carbonic anhydrase 11 (Car11), mRNA	95	137	0.00152	-1.4	NM_009800.4	
ILMN_2678828	Eif5a	Mus musculus eukaryotic translation initiation factor 5A (Eif5a), mRNA	2787	4021	0.02082	-1.4	NM_181582.3	uORF3: MGC6725: uORF2: uORF: D19Wsu54e: AA410058: uORF1: Eif4d
ILMN_2731563	Pfkfb3	Mus musculus 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 (Pfkfb3), mRNA	134	193	0.01315	-1.4	NM_133232.2	iPFK-2: E330010H22Rik
ILMN_2600022	Heg1	Mus musculus HEG homolog 1 (zebrafish) (Heg1), transcript variant 2, mRNA	76	110	0.00309	-1.4	NM_172934.4	BC038614: 5530401I02Rik: 4632417D23Rik: 9530025L16Rik: Gm629
ILMN_2706938	Ppox	Mus musculus protoporphyrinogen oxidase (Ppox), mRNA	103	148	0.00328	-1.4	NM_008911.2	Pco
ILMN_2685882	Gdpd3	Mus musculus glycerophosphodiester phosphodiesterase domain containing 3 (Gdpd3)	98	141	0.01518	-1.4	NM_024228.2	1110015E22Rik
ILMN_2735429	AW146242	Mus musculus expressed sequence AW146242 (AW146242), mRNA	275	394	0.01773	-1.4	NM_146168.1	
ILMN_1246078	Safb	PREDICTED: Mus musculus scaffold attachment factor B, transcript variant 18	92	132	0.01126	-1.4	XM_924956.2	
ILMN_2655005	Wnk1	Mus musculus WNK lysine deficient protein kinase 1 (Wnk1), mRNA	92	132	0.00146	-1.4	NM_198703.1	Prkwnk1: mKIAA0344: 6430573H23Rik
ILMN_1228073	Pib5pa	Mus musculus phosphatidylinositol (4,5) bisphosphate 5-phosphatase, A (Pib5pa)	470	674	0.03508	-1.4	NM_172439.2	Pipp
ILMN_1253354	Dapp1	Mus musculus dual adaptor for phosphotyrosine and 3-phosphoinositides 1 (Dapp1)	154	221	0.03805	-1.4	NM_011932.2	Bam32
ILMN_2605249	Rab9b	Mus musculus RAB9B, member RAS oncogene family (Rab9b), mRNA	279	399	0.01077	-1.4	NM_176971.2	MGC130383: 9330195C02Rik
ILMN_2632519	Wdr90	PREDICTED: Mus musculus WD repeat domain 90, transcript variant 1 (Wdr90), mRNA	213	305	0.03862	-1.4	XM_001479840.1	
ILMN_1221102	Arl5a	Mus musculus ADP-ribosylation factor-like 5A (Arl5a), mRNA	241	344	0.00974	-1.4	NM_182994.2	T25534: AW610751: 2410015N24Rik: Arl5: 2810410P22Rik: AA408731
ILMN_1233402	LOC100045981	PREDICTED: Mus musculus similar to synaptotagmin XI (LOC100045981), mRNA	2525	3598	0.00004	-1.4	XM_001475298.1	
ILMN_1251732	Dad1	Mus musculus defender against cell death 1 (Dad1), mRNA	8880	12649	0.00962	-1.4	NM_010015.3	AI323713
ILMN_1238119	Itgav	Mus musculus integrin alpha V (Itgav), mRNA	221	314	0.02976	-1.4	NM_008402.1	1110004F14Rik: 2610028E01Rik: CD51: D430040G12Rik
ILMN_1256371	Fez1	Mus musculus fasciculation and elongation protein zeta 1 (zyglin I) (Fez1), mRNA	787	1119	0.00745	-1.4	NM_183171.1	UNC-76: UNC76: MGC19293
ILMN_2635791	LOC675296	PREDICTED: Mus musculus similar to RIKEN cDNA 9230105E10 gene (LOC675296), mRNA	125	178	0.01402	-1.4	XM_001476206.1	
ILMN_2698911	Tmem59l	Mus musculus transmembrane protein 59-like (Tmem59l), mRNA	186	265	0.00801	-1.4	NM_182991.2	5330410G16Rik
ILMN_1216416	Rnf6	Mus musculus ring finger protein (C3H2C3 type 6) (Rnf6), mRNA	2585	3666	0.00461	-1.4	NM_028774.2	AA537053: 5730419H05Rik: 1200013I08Rik
ILMN_2754866	Tapbp1	Mus musculus TAP binding protein-like (Tapbp1), mRNA	940	1332	0.00128	-1.4	NM_145391.1	BC017613: TAPBPL-R: MGC27679
ILMN_1223308	Parp9	Mus musculus poly (ADP-ribose) polymerase family, member 9 (Parp9), mRNA	435	615	0.01410	-1.4	NM_030253.2	MGC7868: Bagl: AW214463: Bal: BC003281

ILMN_2632196	Bfar	Mus musculus bifunctional apoptosis regulator (Bfar), mRNA	270	381	0.00157	-1.4	NM_025976.3	BAR: AW107665; 3010001A07Rik; A1666707; RNF47
ILMN_2430275	Zc3h7a	Mus musculus zinc finger CCCH type containing 7 A (Zc3h7a), mRNA	222	314	0.01270	-1.4	NM_145931.1	A1447294; HSPC055; Zc3hdc7; A430104C18Rik; Zc3h7; AW556219
ILMN_2453321	Zfp179	Mus musculus zinc finger protein 179 (Zfp179), mRNA	84	119	0.01861	-1.4	NM_009548.2	bfp; ZNF179; R75574; A1854096
ILMN_1249547	Zfp292	PREDICTED: Mus musculus zinc finger protein 292, transcript variant 4 (Zfp292)	636	897	0.02217	-1.4	XM_909747.3	
ILMN_1249759	Il15ra	Mus musculus interleukin 15 receptor, alpha chain (Il15ra), transcript variant 2	105	147	0.02125	-1.4	NM_133836.1	AA690181
ILMN_2776910	Mobk13	Mus musculus MOB1, Mps One Binder kinase activator-like 3 (yeast) (Mobk13), mRNA	461	650	0.03360	-1.4	NM_025283.3	2610109B12Rik; Prei3
ILMN_1221501	5730469M10Rik	Mus musculus RIKEN cDNA 5730469M10 gene (5730469M10Rik), mRNA	2046	2881	0.00407	-1.4	NM_027464.3	AU040822
ILMN_1218368	Bicd1	Mus musculus bicaudal D homolog 1 (Drosophila) (Bicd1), mRNA	96	136	0.02608	-1.4	NM_009753.1	B830009D06Rik; mKIAA4125; KIAA4125
ILMN_1222483	LOC640746	PREDICTED: Mus musculus similar to tripartite motif protein TRIM34 delta	122	172	0.01348	-1.4	XM_917842.2	
ILMN_2673233	Pfkp	Mus musculus phosphofructokinase, platelet (Pfkp), mRNA	285	401	0.02554	-1.4	NM_019703.3	PFK-C; 9330125N24Rik; 1200015H23Rik
ILMN_2630772	Tceal5	Mus musculus transcription elongation factor A (SII)-like 5 (Tceal5), mRNA	82	115	0.00335	-1.4	NM_177919.1	6430401A05Rik
ILMN_2623421	Hook1	Mus musculus hook homolog 1 (Drosophila) (Hook1), mRNA	1000	1401	0.01459	-1.4	NM_030014.2	azh; A930033L17Rik
ILMN_1240566	Cep170	Mus musculus centrosomal protein 170 (Cep170), mRNA	123	172	0.02556	-1.4	NM_001099637.1	A1195353; 4933426L22Rik; A330004A13Rik
ILMN_2632206	Gnas	Mus musculus GNAS (guanine nucleotide binding protein, alpha stimulating)	1552	2172	0.01760	-1.4	NM_022000.2	Gnasxl; P2; PHP1A; P1; GPSA; A930027G11Rik; P3; PHP1B; POH; Oedsm1
ILMN_2722337	LOC100047223	PREDICTED: Mus musculus similar to phosphodiesterase 3B (LOC100047223), mRNA	526	736	0.04698	-1.4	XM_001477682.1	
ILMN_2712507	2810455F06Rik		710	992	0.00131	-1.4	XM_130011.5	
ILMN_2756704	9130213B05Rik	Mus musculus RIKEN cDNA 9130213B05 gene (9130213B05Rik), mRNA	175	244	0.02677	-1.4	NM_145562.2	W91666; 2210012L08Rik