

TargetID	DEFINITION	SYMBOL	Transcript	Cluster	pvalue(LEC6W/LEAGW)	Fold(LEC6W/LEAGW)	pvalue(LEC12W/LEA12W)	Fold(LEC12W/LEA12W)	pvalue(LEC24W/LEA24W)	Fold(LEC24W/LEA24W)	SEARCH_KEY	ILMN_GENE	Function	
ILMN_1354331	Rattus norvegicus acetylserotonin O-methyltransferase (Asmt), mRNA.	Asmt	NM_144759.1	Cluster 6	1.00	-1.05	1.00	-1.01	0.00	-7.31	GL_21425784-5	ASMT	Neuronal development and activity	
ILMN_1352642	Rattus norvegicus secreted phosphoprotein 1 (Spp1), mRNA.	Spp1	NM_012881.1	Cluster 9	1.00	-1.17	1.00	-2.02	0.00	-5.21	GL_69815795-5	SPPI	Neuronal development and activity	
ILMN_1372027	Rattus norvegicus GTP cyclohydrolase I (Gch1), mRNA.	Gch1	NM_024356.1	Cluster 6	0.81	-1.94	1.00	-1.58	0.00	-5.20	GL_13242245-5	GCH1	Neuronal development and activity	
ILMN_1374857	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, glycine), member 5 (Slc6a5), mRNA.	Slc6a5	NM_203334.1	Cluster 9	1.00	-1.71	1.00	-2.36	0.01	-3.98	GL_42627892-5	SLC6A5	Neuronal development and activity	
ILMN_1369353	Rattus norvegicus subunit, small ribosomal subunit 18 (18S-related), member 6 (Kcnh6), mRNA.	Kcnh6	NM_003528.1	Cluster 6	1.00	-1.39	1.00	1.04	0.00	-3.91	GL_13242245-5	KCNH6	Neuronal development and activity	
ILMN_1360953	PREDICTED: Rattus norvegicus orthodenticle hemolopin (Oxb2), mRNA.	Oxb2	NM_053805.1	Cluster 6	1.00	-1.02	1.00	-1.23	0.00	-3.56	GL_25612882-5	OTX2	Neuronal development and activity	
ILMN_1359885	Rattus norvegicus cholinergic receptor, nicotinic, beta polypeptide 4 (Chnrb4), mRNA.	Chnrb4	NM_022519.1	Cluster 6	1.00	-1.11	1.00	-1.09	0.00	-3.56	GL_16258820-5	CHNRB4	Neuronal development and activity	
ILMN_1361614	Rattus norvegicus potassium inward-rectifying channel, subfamily J, member 14 (Kcnj14), mRNA.	Kcnj14	NM_170717.1	Cluster 6	1.00	-1.21	1.00	-1.01	0.00	-3.33	GL_24962813-5	KCNJ14	Neuronal development and activity	
ILMN_1366089	Rattus norvegicus ATPase, Na ⁺ /K ⁺ transporting, beta 2 polypeptide (Atp1b2), mRNA.	Atp1b2	NM_012507.2	Cluster 6	0.60	-1.70	1.00	-1.34	0.00	-2.84	GL_56793938-5	ATP1B2	Neuronal development and activity	
ILMN_1372857	Rattus norvegicus arginine vasopressin (Avp), mRNA.	Avp	NM_016992.1	Cluster 6	0.00	-2.28	1.00	-1.04	0.13	-2.80	GL_8392949-5	AVP	Neuronal development and activity	
ILMN_1369397	Rattus norvegicus alpha-2-macroglobulin (A2m), mRNA.	A2m	NM_012488.1	Cluster 6	1.00	-1.30	1.00	-1.31	0.01	-2.79	GL_6978524-5	A2M	Neuronal development and activity	
ILMN_1369398	Rattus norvegicus alpha-2-macroglobulin 8 (C2m), mRNA.	C2m	NM_001007636	Cluster 1	0.00	-3.93	1.00	-1.30	0.36	-2.60	GL_13242245-5	C2M	Neuronal development and activity	
ILMN_1371402	Rattus norvegicus tachykinin 1 (Taci), mRNA.	Taci	NM_012166.1	Cluster 1	0.00	-4.20	0.09	-2.72	0.14	-2.23	GL_11560031-5	TAC1	Neuronal development and activity	
ILMN_1349092	Rattus norvegicus amiloride-sensitive calcium channel 4, pituitary (Accn4), mRNA.	Accn4	NM_022234.1	Cluster 1	0.00	-4.32	1.00	1.02	0.86	-2.09	GL_56950266-5	S100A1	Neuronal development and activity	
ILMN_1369494	Rattus norvegicus zinc finger protein 238 (Zfp238), mRNA.	Zfp238	NM_022678.1	Cluster 2	0.00	-8.01	1.00	-1.29	0.01	-4.29	GL_1203618-5	ZFP238	Neuronal development and activity	
ILMN_1356653	PREDICTED: Rattus norvegicus FK506 binding protein 1a (Fkbp1a), mRNA.	Fkbp1a	XM_01053000	Cluster 3	1.00	-1.05	1.00	1.17	0.03	-2.03	GL_21721545-5	FKBP1A	Neuronal development and activity	
ILMN_1365433	Rattus norvegicus 4-hydroxy-2-nonenal-modifying acid dioxygenase (Hpd), mRNA.	Hpd	NM_012172.1	Cluster 2	0.00	-9.17	1.00	-1.10	0.63	2.04	GL_8393556-5	HPD	Neuronal development and activity	
ILMN_1350414	PREDICTED: Rattus norvegicus alpha-2-macroglobulin 1 (A2m1), mRNA.	A2m1	NM_012166.2	Cluster 2	0.00	-8.06	1.00	-2.16	0.00	-2.27	GL_24745295-5	ACTB	Neuronal development and activity	
ILMN_1376758	Rattus norvegicus actin, beta (Actb), mRNA.	Actb	NM_031144.2	Cluster 3	0.01	-2.01	1.00	-1.16	0.35	-2.31	GL_62652996-5	NELL2	Neuronal development and activity	
ILMN_1356411	Rattus norvegicus pro-melanin-concentrating hormone (Pmch), mRNA.	Pmch	NM_012652.1	Cluster 8	1.00	-2.88	0.00	6.63	0.00	-2.62	GL_6981375-5	PMCH	Neuronal development and activity	
ILMN_1366467	PREDICTED: Rattus norvegicus distal-less homeobox 1 (Dlx1), mRNA.	Dlx1	XN_00105923	Cluster 5	0.91	-1.59	1.00	1.74	0.02	-2.63	GL_26452275-5	DLX1	Neuronal development and activity	
ILMN_1376932	Rattus norvegicus chitinesterase (chitnae), 1 (Chn1), mRNA.	Chn1	NM_032083.1	Cluster 3	0.04	-1.50	1.00	1.37	0.00	-2.65	GL_26452194-5	CHITNAE	Neuronal development and activity	
ILMN_1359393	Rattus norvegicus orthocleomedin 1 (Olm1), mRNA.	Olm1	NM_053527.1	Cluster 3	0.33	-1.26	1.00	1.25	0.02	-2.65	GL_17865342-5	OLFM1	Neuronal development and activity	
ILMN_1364683	Rattus norvegicus potassium voltage-gated channel, subfamily B, member 1 (Bfl1b), mRNA.	Bfl1b	NM_001067250	Cluster 2	0.58	-1.95	1.00	1.03	0.03	-2.66	GL_13242245-5	BFL1B	Neuronal development and activity	
ILMN_1363543	Rattus norvegicus brain-specific angiogenesis inhibitor 1-associated protein 2 (Baip2), mRNA.	Baip2	NM_051961.1	Cluster 5	1.00	-1.41	1.00	1.55	0.03	-2.71	GL_13540625-5	BHMT	Neuronal development and activity	
ILMN_1357588	Rattus norvegicus RAS family, member 2 (Ras2d), mRNA.	Ras2d	NM_133568.1	Cluster 5	0.38	-2.21	1.00	1.60	0.01	-2.73	GL_21717662-5	RASD2	Neuronal development and activity	
ILMN_1359242	Rattus norvegicus calcium/calmodulin-dependent protein kinase II, alpha (Camk2a), mRNA.	Camk2a	NM_012320.1	Cluster 3	0.40	-1.80	1.00	-1.33	0.02	-2.84	GL_6978592-5	CAMK2A	Neuronal development and activity	
ILMN_1362457	Rattus norvegicus calcineurin, large (Oncoprotein 1 (Dlgn1), mRNA.	Dlgn1	NM_022948.2	Cluster 3	1.00	-1.07	1.00	1.10	0.01	-2.93	GL_19923688-5	DLGAP1	Neuronal development and activity	
ILMN_1371581	PREDICTED: Rattus norvegicus similar to Ca ²⁺ -dependent activator for secretion protein 2 (predicted) (RGD1559440_predicted), mRNA.	Rgs2	XN_001559440	Cluster 3	1.00	-1.00	1.00	-1.24	0.02	-3.00	GL_62646911-5	CDAPS2	Neuronal development and activity	
ILMN_1369378	Rattus norvegicus betaine-homocysteine methyltransferase (Bhmt), mRNA.	Bhmt	NM_020561.1	Cluster 2	0.00	-5.81	1.00	1.03	0.52	-2.71	GL_13540625-5	KRTH1	Neuronal development and activity	
ILMN_1365343	Rattus norvegicus brain-specific angiogenesis inhibitor 1-associated protein 2 (Baip2), mRNA.	Baip2	NM_012166.2	Cluster 2	0.00	-4.14	1.00	-1.34	0.03	-3.07	GL_9503696-5	ARC	Neuronal development and activity	
ILMN_1372568	PREDICTED: Rattus norvegicus vesicular membrane protein p24 (predicted) (Vmp2, predicted), mRNA.	Vmp2	XN_001067250	Cluster 2	0.00	-3.56	1.00	-1.27	0.02	-3.12	GL_34876128-5	NRNS1	Neuronal development and activity	
ILMN_1356556	PREDICTED: Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:N-acetylgalactosaminyltransferase 9 (predicted) (Galnt9_predicted), mRNA.	Galnt9	NM_022524.3	Cluster 3	1.00	-1.32	1.00	-1.40	0.04	-3.16	GL_26520970-5	GALNT9	Neuronal development and activity	
ILMN_1350777	Rattus norvegicus sodium channel, voltage-gated, type III, beta 1 (Scn3b), mRNA.	Scn3b	NM_130937.3	Cluster 3	1.00	-1.07	1.00	1.18	0.02	-3.17	GL_47575875-5	SCN3B	Neuronal development and activity	
ILMN_1364962	Rattus norvegicus nucleic acid-binding protein 1 (Nrp1), mRNA.	Nrp1	NM_031311.1	Cluster 3	1.00	-1.51	1.00	1.19	0.04	-3.21	GL_16287007-5	NRP1	Neuronal development and activity	
ILMN_1358632	Rattus norvegicus nucleic acid-binding protein 1, nuclear (Nrp1), mRNA.	Nrp1	NM_031312.5	Cluster 3	0.92	-1.56	1.00	1.12	0.00	-3.26	GL_26537115-5	NRNP1	Neuronal development and activity	
ILMN_1368676	PREDICTED: Rattus norvegicus similar to brn-1, mRNA.	Tfap2a	XN_001071249	Cluster 5	1.00	-1.53	1.00	1.82	0.00	-3.32	GL_62651845-5	CELF5	Neuronal development and activity	
ILMN_1363382	Rattus norvegicus thymus cytokeratin 1, theta (Thy1), mRNA.	Thy1	NM_011692.2	Cluster 3	1.00	-1.00	1.00	-2.54	0.01	-3.33	GL_6981653-5	THY1	Neuronal development and activity	
ILMN_1363538	Rattus norvegicus synuclein, alpha (Snc1), mRNA.	Snc1	NM_011969.2	Cluster 3	1.00	-1.00	1.00	1.06	0.00	-3.42	GL_56794900-5	SNC1	Neuronal development and activity	
ILMN_1365034	Rattus norvegicus transmembrane protein 10 (Tmem10), mRNA.	Tmem10	NM_00101738	Cluster 5	1.00	-1.33	1.00	2.98	0.02	-3.56	GL_2642267	TMEM10	Neuronal development and activity	
ILMN_1367607	Rattus norvegicus silt homolog 1 (Orosphila) (Sltt), mRNA.	Sltt	NM_022953.1	Cluster 3	0.84	-1.69	1.00	1.16	0.04	-3.64	GL_12621129-5	SUT1	Neuronal development and activity	
ILMN_1367028	Rattus norvegicus PIP2-binding protein 1 (Ptk2b), mRNA.	Ptk2b	NM_012182.1	Cluster 5	0.96	-2.14	1.00	1.27	0.00	-3.67	GL_13242245-5	PTK2B	Neuronal development and activity	
ILMN_1376474	Rattus norvegicus vesicular membrane protein p24 (predicted) (Vmp2, predicted), mRNA.	Vmp2	XN_001067250	Cluster 2	0.00	-3.56	1.00	-1.27	0.02	-3.67	GL_34876128-5	NRNS1	Neuronal development and activity	
ILMN_1356556	PREDICTED: Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:N-acetylgalactosaminyltransferase 9 (predicted) (Galnt9_predicted), mRNA.	Galnt9	NM_00107693	Cluster 2	0.00	-4.88	1.00	-1.00	0.00	-3.72	GL_26520965-5	HPCA	Neuronal development and activity	
ILMN_1350977	Rattus norvegicus sodium channel, voltage-gated, type III, beta 1 (Scn3b), mRNA.	Scn3b	NM_130937.3	Cluster 3	1.00	-1.07	1.00	1.18	0.02	-3.77	GL_56245214-5	RAPEF4	Neuronal development and activity	
ILMN_1354767	PREDICTED: Rattus norvegicus Rho quanine nucleotide exchange factor (GEF) 4 (Rapgef4), mRNA.	Rapgef4	NM_012161.1	Cluster 2	0.00	-6.80	1.00	-1.09	0.04	-3.83	GL_6981329-5	PAH	Neuronal development and activity	
ILMN_1375626	PREDICTED: Rattus norvegicus potassium voltage-gated channel, subfamily Q, member 5 (Kcnq5), mRNA.	Kcnq5	NM_01071249	Cluster 5	1.00	-1.01	1.00	1.46	0.01	-3.88	GL_6265476-5	CNQ5	Neuronal development and activity	
ILMN_1370371	PREDICTED: Rattus norvegicus transmembrane 4 superfamily member 2 (mapped) (Tm4sf2_mapped), mRNA.	Tm4sf2	XN_047683.3	Cluster 2	0.01	-3.00	1.00	-1.40	0.00	-4.41	GL_2666546-5	TSPAN7	Neuronal development and activity	
ILMN_1352285	PREDICTED: Rattus norvegicus transmembrane 4 superfamily member 5 (Tm4sf5_mapped), mRNA.	Tm4sf5	XN_01072393	Cluster 5	0.71	-1.53	1.00	1.83	0.00	-8.90	GL_26523305-5	ICAMS5	Neuronal development and activity	
ILMN_1349191	PREDICTED: Rattus norvegicus similar to NEX-1 (predicted) (RGD1562793_predicted), mRNA.	Nex1	XN_057582.2	Cluster 5	0.49	-1.58	1.00	1.40	0.00	-4.57	GL_37425640-5	GAST	Neuronal development and activity	
ILMN_1367474	PREDICTED: Rattus norvegicus hypothetical LOC294942 (LOC294942), mRNA.	Loc294942	XN_015541.2	Cluster 2	0.00	-9.90	1.00	-1.13	0.00	-4.67	GL_34855409-5	COPN1	Neuronal development and activity	
ILMN_1352133	PREDICTED: Rattus norvegicus similar to cajalin 2 isoform 2 (Cajalin2), mRNA.	Cajalin2	XN_015541.2	Cluster 2	0.00	-4.88	1.00	-1.23	0.00	-4.63	GL_26520075-5	ANKS18	Neuronal development and activity	
ILMN_1349652	Rattus norvegicus cation binding protein 1 (Cbp1), mRNA.	Cbp1	Opml	NM_053848.1	Cluster 3	0.21	-1.94	1.00	-1.27	0.00	-4.65	GL_16758709-5	OPCML	Neuronal development and activity
ILMN_1366633	Rattus norvegicus calcium channel, voltage-dependent, gamma subunit 3 (Cacng3), mRNA.	Cacng3	NM_080691.1	Cluster 3	0.53	-1.60	1.00	1.08	0.00	-4.91	GL_16287007-5	CACNG3	Neuronal development and activity	
ILMN_1360098	Rattus norvegicus forkhead box D1 (Foxd1), mRNA.	Foxd1	NM_012606.3	Cluster 5	1.00	-1.40	1.00	2.12	0.00	-4.98	GL_6265476-5	GSN	Neuronal development and activity	
ILMN_1367017	Rattus norvegicus ubiquitin (Ubiquitin), mRNA.	Ubi3	NM_01015023	Cluster 4	0.10	-0.99	1.00	-1.02	0.00	-5.13	GL_26463228-5	BHUB5	Neuronal development and activity	
ILMN_1374040	PREDICTED: Rattus norvegicus phosphatase 1, catalytic subunit, alpha isoform (Ptpn1), mRNA.	Ptpn1	NM_01053082	Cluster 2	0.00	-2.02	1.00	-1.73	0.02	-5.06	GL_26441195-5	ZFP212	Neuronal development and activity	
ILMN_1368448	PREDICTED: Rattus norvegicus ubiquitin-conjugating enzyme E1 (Ube2l), mRNA.	Ube2l	XN_0106852	Cluster 2	0.02	-3.64	1.00	-1.10	0.59	-2.10	GL_26427605-5	UBE2L1	Neuronal development and activity	
ILMN_1367476	Rattus norvegicus dual specificity phosphatase 1 (Dusp1), mRNA.	Dusp1	NM_017367.2	Cluster 3	1.00	-1.30	1.00	1.02	0.04	-2.13	GL_24475745-5	DUSP1	Neuronal development and activity	
ILMN_1369089	Rattus norvegicus triple repeat protein 1 (Cubp1), mRNA.	Cubp1	NM_012541.2	Cluster 2	0.79	-1.90	0.07	2.91	0.03	-2.22	GL_31795705-5	FBXO11	Neuronal development and activity	
ILMN_1360585	Rattus norvegicus golgi phosphoprotein 3 (Golph3), mRNA.	Golph3	NM_029977.2	Cluster 2	0.00	-4.13	1.00	-1.34	0.25	-2.68	GL_62645385-5	CUGBP1	Neuronal development and activity	
ILMN_1374373	PREDICTED: Rattus norvegicus phosphatase 1, acid (Abhd7), mRNA.	Abhd7	NM_012175.1	Cluster 2	0.00	-16.24	1.00	-1.17	0.55	-2.65	GL_26260549-5	SDHA2	Neuronal development and activity	
ILMN_1371787	Rattus norvegicus thiodoxin domain containing 1 (Tndx1), mRNA.	Tndx1	NM_00124800	Cluster 2	0.00	-4.44	1.00	-1.21	0.07	-2.81	GL_26507885-5	TMX1	Neuronal development and activity	
ILMN_1363825	Rattus norvegicus complement component 4 binding protein, beta (C4bbp), mRNA.	C4bbp	NM_016993.2	Cluster 2	0.00	-5.84	1.00	1.30	0.05	-2.86	GL_21982184-5	C4BPB	Neuronal development and activity	
ILMN_1359215	Rattus norvegicus protein phosphatase 3, catalytic subunit, beta isofrom (Ptpnb3), mRNA.	Ptpnb3	NM_017042.1	Cluster 3	0.08	-2.47	1.00	1.35	0.03	-2.93	GL_8940325	PPRCB	Neuronal development and activity	
ILMN_1365085	PREDICTED: Rattus norvegicus domain, member 1 (Rnbp1), mRNA.	Rnbp1	XN_023445.3	Cluster 3	0.29	-2.08	1.00	-1.12	0.03	-3.02				

Electronic Supplementary Material (ESI) for Metallomics
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ILMN_135772	PREDICTED:	Rattus norvegicus similar to Low-density lipoprotein receptor-related protein 4 precursor (LDLR dan) (predicted) (RGD1565014_predicted), mRNA	XMD_001066828	Cluster 5	1.00	1.15	1.00	2.47	0.00	3.96	GI_52662748-S	RGD1565014	Unknown	
ILMN_135300	PREDICTED:	Rattus norvegicus similar to hypothetical protein DKF2o761N1114 (LOC498228), mRNA	LOC498228	XM_573449_1	Cluster 5	1.00	1.02	1.00	1.15	0.01	3.98	GI_62659305-S	LOC498228	Unknown
ILMN_136919	PREDICTED:	Rattus norvegicus similar to BC028663 protein (predicted) (RGD1563236_predicted), mRNA	RGD1563236	XM_001071564	Cluster 5	1.00	1.18	1.00	1.27	0.00	3.99	GI_62662463-S	RGD1563236	Unknown
ILMN_135435	PREDICTED:	Rattus norvegicus hypothetical LOC314472 (predicted) (LOC314472), mRNA	LOC314472	XM_234563_3	Cluster 8	0.00	5.45	0.45	3.21	0.00	4.13	GI_62651291-S	LOC314472	Unknown
ILMN_136793	PREDICTED:	Rattus norvegicus similar to 643051-4L14Rik protein (predicted) (RGD131958_predicted), mRNA	RGD131958	XM_236378_4	Cluster 5	0.92	-1.39	1.00	1.54	0.00	4.48	GI_62653872-S	FAM81A	Unknown
ILMN_136721	Rat	Rattus norvegicus SNRNP upstream reading frame (Snurf), mRNA	Snurf	NM_120759_1	Cluster 3	0.01	-2.20	1.00	-1.28	0.00	4.57	GI_18543338-S	SNURF	Unknown
ILMN_137662	Rat	Rattus norvegicus cytochrome P450, family 2, subfamily c, polypeptide 23 (Cyp2c23), mRNA	Cyp2c23	NM_031839_2	Cluster 7	0.00	-21.65	1.00	-2.01	0.00	4.68	GI_24475717-A	CYP2C23	Unknown
ILMN_135961	PREDICTED:	Rattus norvegicus lysozyme-like 4 (predicted) (Lyz4_predicted), mRNA	Lyz4_predicted	XM_343507_3	Cluster 5	0.58	1.92	0.20	-1.53	0.00	5.48	GI_62654507-S	LYZ4	Unknown
ILMN_137510	Rat	Rattus norvegicus cytochrome P450, family 2, subfamily d, polypeptide 2 (Cyp2d2), mRNA	Cyp2d2	NM_012730_1	Cluster 7	0.00	-32.78	1.00	-1.55	0.00	5.59	GI_6978746-S	CYP2D2	Unknown
ILMN_135736	PREDICTED:	Rattus norvegicus hypothetical gene supported by NM_016994 (LOC497841), mRNA	LOC497841	XM_579384_1	Cluster 7	0.00	-23.28	1.00	-2.38	0.00	5.95	GI_62718644-S	LOC497841	Unknown
ILMN_135172	Rat	Rattus norvegicus alpha-2u globulin (PGCL1) (LOC259246), mRNA	LOC259246	NM_147214_1	Cluster 3	1.00	1.30	0.00	-10.81	0.00	5.98	GI_22219449-S	LOC259246	Unknown
ILMN_137126	PREDICTED:	Rattus norvegicus similar to cat eye syndrome critical region 6 (LOC500307), mRNA	LOC500307	XM_575056_1	Cluster 5	0.26	-1.65	1.00	1.18	0.00	6.31	GI_62646105-S	LOC500307	Unknown
ILMN_136499	PREDICTED:	Rattus norvegicus similar to 5S ribosomal RNA protein (SS487) (predicted) (RGD1310819_predicted), mRNA	RGD1310819	XM_574829_1	Cluster 5	1.00	1.05	1.00	2.48	0.00	7.38	GI_62648913-S	LOC500310	Unknown
ILMN_164099	PREDICTED:	Rattus norvegicus similar to MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C) (LOC499495), mRNA	LOC499495	XM_574829_1	Cluster 7	0.00	-3.24	1.00	-1.52	0.00	7.44	GI_62642624-S	LOC499495	Unknown
ILMN_135506	PREDICTED:	Rattus norvegicus similar to KIAA1034-like DNA binding protein (LOC501145), mRNA	LOC501145	XM_576579_1	Cluster 5	1.00	-1.20	1.00	1.67	0.00	8.36	GI_62551508-S	LOC501145	Unknown
ILMN_136563	Rat	Rattus norvegicus cholecystokinin (Cck), mRNA	Cck	NM_012829_1	Cluster 5	0.14	1.97	1.00	1.83	0.00	8.38	GI_6978612-S	CCK	Unknown
ILMN_137378	Rat	Rattus norvegicus WDNM1 homolog (LOC360228), mRNA	LOC360228	NM_00100370	Cluster 5	1.00	-1.62	1.00	-1.05	0.00	11.15	GI_51172601-S	LOC360228	Unknown
ILMN_137189	PREDICTED:	Rattus norvegicus similar to RIKEN cDNA 3110035E14 (predicted) (RGD1561849_predicted), mRNA	RGD1561849	XM_001066686	Cluster 2	0.00	-4.14	1.00	-1.04	0.00	11.21	GI_62648550-S	RGD1561849	Unknown
ILMN_137424	Rat	Rattus norvegicus pregnancy-zone protein (Pzp), mRNA	Pzp	NM_145779_1	Cluster 7	0.00	-29.37	1.00	-1.98	0.00	11.22	GI_21955141-S	P2D1	Unknown
ILMN_135904	Rat	Rattus norvegicus esterase 1 (Est1), mRNA	Est1	NM_012704_1	Cluster 7	0.00	-34.91	1.00	-2.31	0.00	12.38	GI_57529186-S	E51	Unknown