

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
9330.04	MT-CO1	mitochondrially encoded cytochrome c oxidase I	ENSECAG00000027689
7928.35	ATP8	ATP8	ENSECAG00000027679
7596.75		tRNA-Asp	ENSECAG00000027696
5463.98	S100A6	Protein S100-A6	ENSECAG00000008401
4850.49		tRNA-Lys	ENSECAG00000027693
3249.66		tRNA-Cys	ENSECAG00000027690
2822.40	MT-CYB	mitochondrially encoded cytochrome b	ENSECAG00000027669
2349.64	eca-mir-703	eca-mir-703	ENSECAG00000020363
1967.61		tRNA-Arg	ENSECAG00000027685
1883.25	MT-ND1	mitochondrially encoded NADH dehydrogenase 1	ENSECAG00000027684
1521.21		tRNA-Ala	ENSECAG00000027670
1360.91	MT-ND4L	mitochondrially encoded NADH dehydrogenase 4L	ENSECAG00000027691
1241.55		tRNA-Asn	ENSECAG00000027680
1170.60			ENSECAG00000020981
1155.74		Uncharacterized protein	ENSECAG00000002201
1071.97	CST6	cystatin E/M	ENSECAG00000024332
1039.63			ENSECAG00000027109
1024.06	eca-mir-492-1	eca-mir-492-1	ENSECAG00000002223
1005.58			ENSECAG00000025328
1003.76		tRNA-Met	ENSECAG00000027667
958.53			ENSECAG00000002726
957.53	eca-mir-1282	eca-mir-1282	ENSECAG00000026317
885.01			ENSECAG00000006065
875.88	MT-ND1	NADH-ubiquinone oxidoreductase chain 1	ENSECAG00000005658
842.60		Ferritin heavy chain	ENSECAG00000001669
820.41	MT-ND5	mitochondrially encoded NADH dehydrogenase 5	ENSECAG00000027694
753.89	HSPA8	Heat shock cognate 71 kDa protein	ENSECAG00000013510
752.94	RPS8	ribosomal protein S8	ENSECAG00000015089
750.39			ENSECAG00000006913
741.77	SNORD95	Small nucleolar RNA SNORD95	ENSECAG00000026536

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699.38	UBC	ubiquitin C	ENSECAG00000003428
686.20	RPL19	ribosomal protein L19	ENSECAG00000003585
682.91			ENSECAG000000027056
681.06	ACTB	Actin, cytoplasmic 1, N-terminally processed	ENSECAG000000018600
640.60			ENSECAG000000015816
640.49		Uncharacterized protein	ENSECAG000000002592
622.31	eca-mir-492-1	eca-mir-492-1	ENSECAG000000005999
612.12		Uncharacterized protein	ENSECAG000000000825
594.58		Uncharacterized protein	ENSECAG000000003681
574.82			ENSECAG000000009573
528.25		Uncharacterized protein	ENSECAG000000006594
510.99	RPS7	ribosomal protein S7	ENSECAG000000020253
495.22	RPS27	ribosomal protein S27	ENSECAG000000016459
491.42		Uncharacterized protein	ENSECAG000000006045
481.27	SNORD96	Small nucleolar RNA SNORD96 family	ENSECAG000000025929
471.83		Uncharacterized protein	ENSECAG000000002256
468.94	GPX3	glutathione peroxidase 3 (plasma)	ENSECAG000000000745
459.86	CTBS	chitinase, di-N-acetyl-	ENSECAG000000015643
447.65	RPL5	60S ribosomal protein L5	ENSECAG000000021065
441.16	IFI30	interferon, gamma-inducible protein 30	ENSECAG000000013896
440.18	RPS26	40S ribosomal protein S26	ENSECAG000000024268
421.37	RPL7	60S ribosomal protein L7	ENSECAG000000009188
416.36	PAG	Pregnancy-associated glycoprotein	ENSECAG000000013027
411.85			ENSECAG000000025956
409.14	RPL10A	ribosomal protein L10a	ENSECAG000000014090
407.82	RPL39	ribosomal protein L39	ENSECAG000000016758
407.33			ENSECAG000000001272
400.91	SNORD14	Small nucleolar RNA SNORD14	ENSECAG000000025274
390.80		Uncharacterized protein	ENSECAG000000014997
367.83	HBE1	hemoglobin, epsilon 1	ENSECAG000000012269

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364.22	RPS23	ribosomal protein S23	ENSECAG00000020523
356.80	CYP17A1	Steroid 17-alpha-hydroxylase/17,20 lyase	ENSECAG00000010022
352.93		60S ribosomal protein L6	ENSECAG00000015459
348.69	TPT1	tumor protein, translationally-controlled 1	ENSECAG00000018348
337.38	EEF1B2	eukaryotic translation elongation factor 1 beta 2	ENSECAG00000016653
333.09	GNB2L1	guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1	ENSECAG00000022567
323.72	RPS2	ribosomal protein S2	ENSECAG00000009065
320.12	RPL10	ribosomal protein L10	ENSECAG00000017154
317.76	RPS13	ribosomal protein S13	ENSECAG00000014928
317.64			ENSECAG00000016787
315.15	RPS6	ribosomal protein S6	ENSECAG00000016190
303.40	RPS25	ribosomal protein S25	ENSECAG00000020978
302.67	SNORD21	Small nucleolar RNA SNORD21	ENSECAG00000025860
301.60		Uncharacterized protein	ENSECAG00000008734
301.17			ENSECAG00000001455
299.66	ATP5B	ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide	ENSECAG00000022627
296.94			ENSECAG00000016673
288.85	RPS20	ribosomal protein S20	ENSECAG00000012463
286.19	APOA2	apolipoprotein A-II	ENSECAG00000010163
282.61		Uncharacterized protein	ENSECAG00000005757
276.54			ENSECAG00000007210
274.83	UQCRC1	ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1	ENSECAG00000004824
262.76	RPL14	ribosomal protein L14	ENSECAG00000026813
260.45		Uncharacterized protein	ENSECAG00000008542
254.90			ENSECAG00000006641
253.86	SNORD14	Small nucleolar RNA SNORD14	ENSECAG00000025668
252.40	B3GNT7	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7	ENSECAG00000006840
251.70	RPL28	ribosomal protein L28	ENSECAG00000026938
249.90	CD63	CD63 molecule	ENSECAG00000020385
249.57	RPL32	ribosomal protein L32	ENSECAG00000003023

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248.50	RPL3	ribosomal protein L3	ENSECAG00000020665
247.24		Uncharacterized protein	ENSECAG00000002368
240.13	SLC25A5	solute carrier family 25 (mitochondrial carrier, adenine nucleotide translocator), member 5	ENSECAG000000013635
233.63			ENSECAG000000002481
233.56	RPL8	ribosomal protein L8	ENSECAG000000008403
230.02	RPS28	ribosomal protein S28	ENSECAG000000017256
228.18	APOE	apolipoprotein E	ENSECAG000000008236
224.14	FAU	ubiquitin-like protein fubi and ribosomal protein S30	ENSECAG000000021956
220.83		Ferritin	ENSECAG000000008683
220.69	RPL30	ribosomal protein L30	ENSECAG000000021705
217.52	RPS4	40S ribosomal protein S4	ENSECAG000000010852
217.19		Uncharacterized protein	ENSECAG000000012046
216.67		Uncharacterized protein	ENSECAG000000002762
216.19	TMSB4	Thymosin beta-4 Hematopoietic system regulatory peptide	ENSECAG000000009190
211.68	RPS29	ribosomal protein S29	ENSECAG000000011782
209.98			ENSECAG000000006417
209.74	ALDOA	aldolase A, fructose-bisphosphate	ENSECAG000000003121
209.57	RPS11	ribosomal protein S11	ENSECAG000000000370
207.56		Uncharacterized protein	ENSECAG000000016604
204.51	PCBP1	poly(rC) binding protein 1	ENSECAG000000002544
197.87		60S ribosomal protein L6	ENSECAG000000017514
196.18	FTL	ferritin light chain	ENSECAG000000003192
196.15	C14orf2	chromosome 14 open reading frame 2	ENSECAG000000007378
195.99	SNORA66	Small nucleolar RNA SNORA66	ENSECAG000000026754
195.89	PRAP1	proline-rich acidic protein 1	ENSECAG000000002346
194.38			ENSECAG0000000027624
193.07		Uncharacterized protein	ENSECAG000000001109
192.99			ENSECAG000000001599
191.18	ACTB	actin, cytoplasmic 1	ENSECAG000000015935

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187.72	CALR	calreticulin	ENSECAG00000008164
184.10	S100A11	S100 calcium binding protein A11	ENSECAG000000019069
182.86	UBA52	ubiquitin A-52 residue ribosomal protein fusion product 1	ENSECAG000000020660
181.00		Uncharacterized protein	ENSECAG000000003313
180.30		Uncharacterized protein	ENSECAG000000021775
180.02			ENSECAG000000027524
179.38	RPL7	Uncharacterized protein	ENSECAG000000004671
175.98		Uncharacterized protein	ENSECAG000000004574
174.28	HSP90AB1	Heat shock protein HSP 90-beta	ENSECAG000000008511
173.80	RPL9	ribosomal protein L9	ENSECAG000000016489
170.59		Uncharacterized protein	ENSECAG000000024902
170.18	MIF	macrophage migration inhibitory factor (glycosylation-inhibiting factor)	ENSECAG000000012792
169.06	GM2A	ganglioside GM2 activator	ENSECAG000000020587
168.72	LGALS1	lectin, galactoside-binding, soluble, 1	ENSECAG000000006745
161.68	SNORD59	Small nucleolar RNA SNORD59	ENSECAG000000025267
161.57	NGFRAP1	nerve growth factor receptor (TNFRSF16) associated protein 1	ENSECAG000000012041
160.91			ENSECAG000000008725
160.28	RPL27	ribosomal protein L27	ENSECAG000000007500
159.68		Uncharacterized protein	ENSECAG000000019699
156.61		Metallothionein	ENSECAG000000015275
156.35	CDC42	cell division cycle 42	ENSECAG000000004908
154.70		Uncharacterized protein	ENSECAG000000023624
153.23		60S ribosomal protein L18a	ENSECAG000000015258
153.05	RPLP2	60S acidic ribosomal protein P2	ENSECAG000000000008
150.76	RPL29	ribosomal protein L29	ENSECAG000000007397
150.63		ferritin heavy chain	ENSECAG000000003925
149.95	RPL11	ribosomal protein L11	ENSECAG000000021136
148.46			ENSECAG000000018581
148.39	APOC2	apolipoprotein C-II	ENSECAG000000014224
146.25			ENSECAG000000004288

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145.77		Cytochrome c oxidase subunit 6A, mitochondrial	ENSECAG00000012512
144.77			ENSECAG00000015757
142.68	BASP1	brain abundant, membrane attached signal protein 1	ENSECAG00000005090
142.33	EEF2	eukaryotic translation elongation factor 2	ENSECAG00000020547
141.99			ENSECAG00000013915
141.86			ENSECAG00000013065
141.31			ENSECAG00000016948
139.73		Uncharacterized protein	ENSECAG00000003655
139.20	RPS18	ribosomal protein S18	ENSECAG00000016128
135.68			ENSECAG00000013210
133.47	HSPA5	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)	ENSECAG00000024205
132.88	5_8S_rRNA	5.8S ribosomal RNA	ENSECAG00000027377
132.13	TUBA1A	tubulin, alpha 1a	ENSECAG00000013798
131.99	RPL24	ribosomal protein L24	ENSECAG00000024095
131.24	EIF1	eukaryotic translation initiation factor 1	ENSECAG00000012516
130.20	ATP5G3	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit C3 (subunit 9)	ENSECAG00000008514
129.63	HSP90AA1	Heat shock protein HSP 90-alpha	ENSECAG00000018948
129.37		Uncharacterized protein	ENSECAG00000002390
128.82	ATP5A1	ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle	ENSECAG00000021561
127.48			ENSECAG00000018898
126.17	RPSA	Laminin receptor 1, Uncharacterized protein	ENSECAG00000013062
125.61			ENSECAG00000011121
122.19	SLC25A3	solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 3	ENSECAG00000015135
120.91			ENSECAG00000026364
120.85	RPL17	ribosomal protein L17	ENSECAG00000011547
120.32	RPL37	ribosomal protein L37	ENSECAG00000026905
118.65			ENSECAG00000019569
118.54	FGB	fibrinogen beta chain	ENSECAG00000010239
118.46	RPS5	ribosomal protein S5	ENSECAG00000016340

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118.31	MARCKSL1	MARCKS-like 1	ENSECAG00000005467
116.98	MORF4L2	mortality factor 4 like 2	ENSECAG00000002732
116.25	SPTSSA	serine palmitoyltransferase, small subunit A	ENSECAG00000004662
115.90	RPL18	60S ribosomal protein L18	ENSECAG000000021927
113.62	BANF1	barrier to autointegration factor 1	ENSECAG000000024311
112.63			ENSECAG000000020699
112.37	RPS16	ribosomal protein S16	ENSECAG00000004311
112.07			ENSECAG000000010157
111.86	PTGS2	Prostaglandin G/H synthase 2	ENSECAG000000017181
111.14	RPL4	ribosomal protein L4	ENSECAG000000023179
110.89	SUMO2	small ubiquitin-like modifier 2	ENSECAG000000001897
110.70	RPS24	ribosomal protein S24	ENSECAG000000016939
109.99			ENSECAG000000003501
109.92	EIF4G2	eukaryotic translation initiation factor 4 gamma, 2	ENSECAG000000014700
109.30	MYL6	myosin, light chain 6, alkali, smooth muscle and non-muscle	ENSECAG000000018318
109.21		tRNA-Leu	ENSECAG000000027678
108.06		Profilin	ENSECAG000000021116
107.24	COX5B	cytochrome c oxidase subunit Vb	ENSECAG000000007968
106.44	CLDN4	claudin 4	ENSECAG000000006466
104.92	CFL1	cofilin 1 (non-muscle)	ENSECAG000000019900
104.20		Uncharacterized protein	ENSECAG000000008678
104.16		Uncharacterized protein	ENSECAG000000004392
102.74	COX14	cytochrome c oxidase assembly homolog 14 (S. cerevisiae)	ENSECAG000000007975
102.55	MYL12A	myosin, light chain 12A, regulatory, non-sarcomeric	ENSECAG000000009533
102.31	BTG1	B-cell translocation gene 1, anti-proliferative	ENSECAG000000020740
102.22	TUBA1C	tubulin, alpha 1c	ENSECAG000000009504
102.15	RPS19	ribosomal protein S19	ENSECAG000000009738
101.97			ENSECAG000000017189
101.40			ENSECAG000000015464
101.19	TCN2	transcobalamin II	ENSECAG000000020874

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100.83	BSG	basigin	ENSECAG00000012389
99.96	CD164	CD164 molecule, sialomucin	ENSECAG00000002460
98.26	RPL35A	60S ribosomal protein L35a	ENSECAG00000010719
97.97		Uncharacterized protein	ENSECAG00000002184
97.46			ENSECAG00000003823
97.35	EEF1G	Elongation factor 1-gamma	ENSECAG00000014334
95.08	RPL35	ribosomal protein L35	ENSECAG00000009389
94.23	RPS27A	ribosomal protein S27a	ENSECAG00000018773
92.12	S100A16	S100 calcium binding protein A16	ENSECAG00000000730
91.74	CYCS	cytochrome c	ENSECAG00000014330
91.66			ENSECAG00000025080
91.36	RPL31	ribosomal protein L31	ENSECAG00000024079
91.01	RPS9	ribosomal protein S9	ENSECAG00000020316
90.83	ALAS1	aminolevulinate, delta-, synthase 1	ENSECAG00000014533
89.75		Uncharacterized protein	ENSECAG00000013034
89.42		Elongation factor 1-alpha	ENSECAG00000005234
89.07	TCP1	t-complex 1	ENSECAG00000017953
88.92	CYC1	cytochrome c-1	ENSECAG00000020538
88.44	DYNLL1	dynein, light chain, LC8-type 1	ENSECAG00000008104
88.44			ENSECAG00000006402
88.04		Uncharacterized protein	ENSECAG00000005764
87.76	RAN	RAN, member RAS oncogene family	ENSECAG00000020532
86.48	TUBB	tubulin, beta class I	ENSECAG00000020234
85.69			ENSECAG00000010893
84.87	EIF3F	eukaryotic translation initiation factor 3, subunit F	ENSECAG00000001218
84.59	NOV	nephroblastoma overexpressed	ENSECAG00000023039
84.40	HNRNPF	heterogeneous nuclear ribonucleoprotein F	ENSECAG00000003229
83.82			ENSECAG00000024106
83.11			ENSECAG00000010480
82.92		Uncharacterized protein	ENSECAG00000003345

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82.07			ENSECAG00000011603
80.51	RPS14	ribosomal protein S14	ENSECAG00000024336
80.33			ENSECAG00000010786
80.19	HSPB1	heat shock 27kDa protein 1	ENSECAG00000020463
78.74			ENSECAG00000023313
78.54			ENSECAG00000003944
77.38			ENSECAG00000025102
77.11	RPL27A	ribosomal protein L27a	ENSECAG00000022469
77.09	AQP5	aquaporin 5	ENSECAG00000008500
76.56			ENSECAG00000025162
75.78	ATF4	activating transcription factor 4	ENSECAG00000006931
75.41			ENSECAG00000000137
74.81	ATP5G2	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit C2 (subunit 9)	ENSECAG00000023021
74.57	CYP19A1	Cytochrome P450 19A1	ENSECAG00000020474
73.42	RPL34	ribosomal protein L34	ENSECAG00000019719
72.91	BAAT	bile acid CoA: amino acid N-acyltransferase (glycine N-choloyltransferase)	ENSECAG00000015421
72.87	PCBD1	pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha	ENSECAG00000009682
72.30	PRM1	Sperm protamine P1	ENSECAG00000020028
72.02	HCP-1	heterogeneous nuclear ribonucleoprotein A1	ENSECAG00000008676
71.65	IDI1	isopentenyl-diphosphate delta isomerase 1	ENSECAG00000024977
71.26	RPS10	ribosomal protein S10	ENSECAG00000006430
70.85	GSTM3	glutathione S-transferase mu 3 (brain)	ENSECAG00000018832
70.64	NCL	nucleolin	ENSECAG00000021868
70.54	S100A14	S100 calcium binding protein A14	ENSECAG00000024619
70.28	STAR	steroidogenic acute regulatory protein, mitochondrial precursor	ENSECAG00000012746
69.23	SH3BGRL3	SH3 domain binding glutamic acid-rich protein like 3	ENSECAG00000011837
69.03	G3PDH	glyceraldehyde-3-phosphate dehydrogenase	ENSECAG00000022051
68.86		Uncharacterized protein	ENSECAG00000019920
68.52		Uncharacterized protein	ENSECAG00000006372

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68.45	ODC1	ornithine decarboxylase 1	ENSECAG00000022690
68.16	CA4	carbonic anhydrase IV	ENSECAG00000022739
68.11	COX4I1	cytochrome c oxidase subunit IV isoform 1	ENSECAG00000011722
67.93	TPI1	triosephosphate isomerase 1	ENSECAG00000015581
65.91	ERH	enhancer of rudimentary homolog (Drosophila)	ENSECAG00000001271
65.88	PRDX2	peroxiredoxin 2	ENSECAG00000011541
65.69		Uncharacterized protein	ENSECAG00000022524
65.48	CDK4	cyclin-dependent kinase 4	ENSECAG00000025015
65.47			ENSECAG00000001110
65.14	CHMP2A	charged multivesicular body protein 2A	ENSECAG00000013244
65.03	COA3	cytochrome c oxidase assembly factor 3	ENSECAG00000023640
64.60	HSPE1	heat shock 10kDa protein 1 (chaperonin 10)	ENSECAG00000026874
64.31		Uncharacterized protein	ENSECAG00000001476
64.15	GNAS	GNAS complex locus	ENSECAG00000024243
64.03	PRELID1	PRELI domain containing 1	ENSECAG00000023460
63.94	AP2M1	adaptor-related protein complex 2, mu 1 subunit	ENSECAG00000000242
63.85	TGM3	transglutaminase 3	ENSECAG00000023860
63.64	ATPIF1	ATPase inhibitory factor 1	ENSECAG00000011826
63.62	HNRNPA3	heterogeneous nuclear ribonucleoprotein A3	ENSECAG00000023237
62.93		Uncharacterized protein	ENSECAG00000011356
62.82	AKR1A1	aldo-keto reductase family 1, member A1 (aldehyde reductase)	ENSECAG00000000223
62.72	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1	ENSECAG00000019781
62.63	P4HB	prolyl 4-hydroxylase, beta polypeptide	ENSECAG00000009583
62.58	RPL38	ribosomal protein L38	ENSECAG00000018554
62.49	PYURF	PIGY upstream reading frame	ENSECAG00000001815
62.28	TAF10	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30kDa	ENSECAG00000007794
62.26	PRDX5	peroxiredoxin 5	ENSECAG00000017747
61.90	ARHGDI1A	Rho GDP dissociation inhibitor (GDI) alpha	ENSECAG00000020501

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61.30		Uncharacterized protein	ENSECAG00000014197
61.22	CLDN8	claudin 8	ENSECAG00000020713
60.93	FMNL2	formin-like 2	ENSECAG00000011111
60.84	APOM	apolipoprotein M	ENSECAG00000015824
60.51	FABP3	fatty acid-binding protein, heart	ENSECAG00000024852
59.86	RPS15A	ribosomal protein S15a	ENSECAG00000019293
59.63	H2AFZ	H2A histone family, member Z	ENSECAG00000023732
58.90			ENSECAG00000023463
58.87			ENSECAG00000003352
58.69		Uncharacterized protein	ENSECAG00000003667
58.63	ATP1A1	sodium/potassium-transporting ATPase subunit alpha-1 precursor	ENSECAG00000024623
58.49	DEGS1	delta(4)-desaturase, sphingolipid 1	ENSECAG00000000186
58.47			ENSECAG00000004233
58.44	AQP3	aquaporin 3 (Gill blood group)	ENSECAG00000021134
57.66			ENSECAG00000012989
57.40			ENSECAG00000005729
57.32		High mobility group protein B1	ENSECAG00000005186
56.79	SRSF6	serine/arginine-rich splicing factor 6	ENSECAG00000023932
56.38	PPIB	peptidyl-prolyl cis-trans isomerase B	ENSECAG00000017164
56.21	PRNP	major prion protein	ENSECAG00000004897
56.03	CTSD	cathepsin D	ENSECAG00000015520
55.69	IVNS1ABP	influenza virus NS1A binding protein	ENSECAG00000018870
55.42	NOP10	NOP10 ribonucleoprotein	ENSECAG00000010249
55.30			ENSECAG00000023212
54.93	SAT1	spermidine/spermine N1-acetyltransferase 1	ENSECAG00000021968
54.31	CKAP4	cytoskeleton-associated protein 4	ENSECAG00000006881
54.06	HBB	Hemoglobin subunit beta	ENSECAG00000010020
53.81			ENSECAG00000023284
53.72	PLEKHF2	pleckstrin homology domain containing, family F (with FYVE domain) member 2	ENSECAG00000004675
53.47	FABP5	fatty acid binding protein 5 (psoriasis-associated)	ENSECAG00000008270

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53.39	ANXA2	annexin A2	ENSECAG00000012670
52.75	HDGF	hepatoma-derived growth factor	ENSECAG00000011178
52.45			ENSECAG00000002402
52.24	CLDN7	claudin 7	ENSECAG00000007289
52.17	PPP1CA	protein phosphatase 1, catalytic subunit, alpha isozyme	ENSECAG00000010532
51.93		Uncharacterized protein	ENSECAG00000023974
51.78	ISYNA1	inositol-3-phosphate synthase 1	ENSECAG00000019571
51.68	MEA1	male-enhanced antigen 1	ENSECAG00000022566
51.56		Uncharacterized protein	ENSECAG00000009680
51.05	GJB2	gap junction protein, beta 2, 26kDa	ENSECAG00000001724
50.89	NDUFB10	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10, 22kDa	ENSECAG00000020610
50.85	RPL13	ribosomal protein L13	ENSECAG00000011670
50.84	PNRC1	proline-rich nuclear receptor coactivator 1	ENSECAG00000003516
50.58		Uncharacterized protein	ENSECAG00000001393
49.95	LAMTOR4	late endosomal/lysosomal adaptor, MAPK and MTOR activator 4	ENSECAG00000006312
49.69	RPS4X	ribosomal protein S4, X-linked	ENSECAG00000003269
49.62	PRSS8	protease, serine, 8	ENSECAG00000013572
49.46	SF3B5	splicing factor 3b, subunit 5, 10kDa	ENSECAG00000005457
49.19		Uncharacterized protein	ENSECAG00000004920
49.16			ENSECAG00000020283
49.09		Uncharacterized protein	ENSECAG00000010622
48.87	COX7A2	cytochrome c oxidase subunit VIIa polypeptide 2 (liver)	ENSECAG00000012469
48.41		Uncharacterized protein	ENSECAG00000008688
48.34	GPX1	glutathione peroxidase 1	ENSECAG00000018442
47.64	HINT2	histidine triad nucleotide binding protein 2	ENSECAG00000000037
47.19	GZMB	granzyme B	ENSECAG00000001910
47.10		Uncharacterized protein	ENSECAG00000006373
46.98			ENSECAG00000012691
46.94	DIO3	deiodinase, iodothyronine, type III	ENSECAG00000005966
45.61			ENSECAG00000024434

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45.51	HMGB2	high mobility group box 2	ENSECAG00000010132
45.06	MFGE8	milk fat globule-EGF factor 8 protein	ENSECAG00000018875
44.82	UBL5	ubiquitin-like 5	ENSECAG00000008212
44.76		Uncharacterized protein	ENSECAG00000005097
44.69			ENSECAG000000012893
44.64	HNRNPA2B1	heterogeneous nuclear ribonucleoprotein A2/B1	ENSECAG00000000782
44.60			ENSECAG000000011389
44.36	HNRNPK	heterogeneous nuclear ribonucleoprotein K	ENSECAG000000025104
44.29	CUTA	cutA divalent cation tolerance homolog (E. coli)	ENSECAG000000016206
44.25	ATP5J2	ATP synthase, H ⁺ transporting, mitochondrial Fo complex, subunit F2	ENSECAG00000002088
44.08	MPC1	mitochondrial pyruvate carrier 1	ENSECAG000000020275
43.79		Uncharacterized protein	ENSECAG000000022193
43.78	SERP1	stress-associated endoplasmic reticulum protein 1	ENSECAG000000024822
43.39	SLC25A1	solute carrier family 25 (mitochondrial carrier, citrate transporter), member 1	ENSECAG000000021409
42.91	PSMB4	proteasome (prosome, macropain) subunit, beta type, 4	ENSECAG000000006692
42.58	VIM	vimentin	ENSECAG000000004216
42.47	CTSA	cathepsin A	ENSECAG000000002350
42.19	FGA	fibrinogen alpha chain	ENSECAG000000010083
41.79	TAGLN	transgelin	ENSECAG000000011268
41.74	PHB2	prohibitin 2	ENSECAG000000016937
41.58	PSMB6	proteasome (prosome, macropain) subunit, beta type, 6	ENSECAG000000016254
41.30	RLN	prorelaxin precursor	ENSECAG000000013020
41.22			ENSECAG000000003454
41.21	NACA	nascent polypeptide-associated complex alpha subunit	ENSECAG000000015242
40.87		Metallothionein	ENSECAG000000000368
40.79	CD320	CD320 molecule	ENSECAG000000013583
40.74	EMC6	ER membrane protein complex subunit 6	ENSECAG000000024635
40.70		Uncharacterized protein	ENSECAG000000006291
40.62			ENSECAG000000020565
40.55	TMEM147	transmembrane protein 147	ENSECAG000000011975

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
40.30	MAT2A	methionine adenosyltransferase II, alpha	ENSECAG00000007391
40.29	MAGED1	melanoma antigen family D, 1	ENSECAG00000026857
39.77		Uncharacterized protein	ENSECAG00000000999
39.59	NUPR1	nuclear protein, transcriptional regulator, 1	ENSECAG00000014847
39.17	ATP5I	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit E	ENSECAG00000017292
39.10			ENSECAG00000006610
38.93	TMEM139	transmembrane protein 139	ENSECAG00000003704
38.80	GRP94	glucose-regulated protein	ENSECAG00000010610
38.79	S100A10	protein S100-A10	ENSECAG00000019382
38.75	QARS	glutaminyl-tRNA synthetase	ENSECAG00000000809
38.62	TXNDC17	thioredoxin domain containing 17	ENSECAG00000025006
38.55		Uncharacterized protein	ENSECAG00000006203
38.50	RBM3	RNA binding motif (RNP1, RRM) protein 3	ENSECAG00000024257
38.49	CCNG1	cyclin G1	ENSECAG00000018880
38.22	TOMM6	translocase of outer mitochondrial membrane 6 homolog (yeast)	ENSECAG00000018000
38.12	DDX5	DEAD (Asp-Glu-Ala-Asp) box helicase 5	ENSECAG00000011132
38.10	UQCRH	ubiquinol-cytochrome c reductase hinge protein	ENSECAG00000019073
38.03			ENSECAG00000010072
37.96			ENSECAG00000023486
37.79	ATP5D	ATP synthase, H+ transporting, mitochondrial F1 complex, delta subunit	ENSECAG00000012169
37.75	IDH1	isocitrate dehydrogenase 1	ENSECAG00000011931
37.59	TUBB6	tubulin, beta 6 class V	ENSECAG00000016535
37.57	MRPL36	mitochondrial ribosomal protein L36	ENSECAG00000001222
37.34	ATP5H	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit d	ENSECAG00000009487
37.22			ENSECAG00000000947
37.17	RPL22	ribosomal protein L22	ENSECAG00000025022
37.10	STUB1	STIP1 homology and U-box containing protein 1, E3 ubiquitin protein ligase	ENSECAG00000014495
37.09	TUBB2B	tubulin, beta 2B class IIb	ENSECAG00000000341
37.06	MRPL17	mitochondrial ribosomal protein L17	ENSECAG00000010156
37.04	GLUL	glutamate-ammonia ligase	ENSECAG00000015865

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
36.93	NFIL3	nuclear factor, interleukin 3 regulated	ENSECAG00000002437
36.45	C1QBP	complement component 1, q subcomponent binding protein	ENSECAG000000011765
36.45	EDF1	endothelial differentiation-related factor 1	ENSECAG000000012630
36.27	SNORD63	Small nucleolar RNA SNORD63	ENSECAG000000027617
36.10	TOB1	transducer of ERBB2, 1	ENSECAG000000002814
36.01	HSD3B1	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase 3-beta-hydroxy-Delta(5)-steroid dehydrogenase Steroid Delta-isomerase	ENSECAG000000014483
35.91	LDHA	L-lactate dehydrogenase A chain	ENSECAG000000020669
35.47	NDUFAF3	NADH dehydrogenase (ubiquinone) complex I, assembly factor 3	ENSECAG000000019013
35.32	FMO1	flavin containing monooxygenase 1	ENSECAG000000006012
35.20	ATP5G1	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit C1 (subunit 9)	ENSECAG000000019908
35.09	HNRNPDL	heterogeneous nuclear ribonucleoprotein D-like	ENSECAG000000022692
34.93			ENSECAG000000022621
34.78	YWHAG	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide	ENSECAG000000006452
34.69	DNAJB1	DnaJ (Hsp40) homolog, subfamily B, member 1	ENSECAG000000020066
34.61	CHCHD1	coiled-coil-helix-coiled-coil-helix domain containing 1	ENSECAG000000006865
34.53	MIEN1	migration and invasion enhancer 1	ENSECAG000000020322
34.42	RNASEK	ribonuclease, RNase K	ENSECAG000000023364
34.37	PPP1R15B	protein phosphatase 1, regulatory subunit 15B	ENSECAG000000005876
34.32		Uncharacterized protein	ENSECAG000000022912
34.28	TTR	transthyretin	ENSECAG000000015875
34.19	COL1A1	collagen, type I, alpha 1	ENSECAG000000013693
34.17	CALM1	calmodulin 1 (phosphorylase kinase, delta)	ENSECAG000000009162
34.04	PSAP	prosaposin	ENSECAG000000021672
34.03	LDOC1	leucine zipper, down-regulated in cancer 1	ENSECAG000000006527
33.90	NDUFA4	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4, 9kDa	ENSECAG000000026987
33.85	BTF3	basic transcription factor 3	ENSECAG000000021629
33.71	POLR1D	polymerase (RNA) I polypeptide D, 16kDa	ENSECAG000000002904
33.58	NPC2	Niemann-Pick disease, type C2	ENSECAG000000018345

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
33.54		Uncharacterized protein	ENSECAG00000023559
33.31	HSPD1	heat shock 60kDa protein 1 (chaperonin)	ENSECAG00000008968
33.26	SPATA5L1	spermatogenesis associated 5-like 1	ENSECAG00000010644
33.20			ENSECAG00000004252
33.13	SPARC	SPARC	ENSECAG00000013874
33.03	SET	SET nuclear oncogene	ENSECAG00000009117
33.02			ENSECAG00000015722
32.99	RPS21	ribosomal protein S21	ENSECAG00000026916
32.99	HMG1	high mobility group nucleosome binding domain 1	ENSECAG00000019029
32.84	eca-mir-21	eca-mir-21	ENSECAG00000025574
32.77	FN1	fibronectin 1	ENSECAG00000000701
32.75			ENSECAG00000027394
32.68		Uncharacterized protein	ENSECAG00000004961
32.46	PAQR8	progesterone and adipoQ receptor family member VIII	ENSECAG00000005594
32.21	RBM8A	RNA-binding protein 8A	ENSECAG00000022024
31.93	UBE2N	ubiquitin-conjugating enzyme E2N	ENSECAG00000009937
31.55	MRPL54	mitochondrial ribosomal protein L54	ENSECAG00000001515
31.43	HINT1	histidine triad nucleotide binding protein 1	ENSECAG00000023180
31.17	ARF6	ADP-ribosylation factor 6	ENSECAG00000005219
31.08	TXN	Thioredoxin	ENSECAG00000013324
31.05	HMGB1	High mobility group protein B1	ENSECAG00000008439
30.94	SMIM1	small integral membrane protein 1	ENSECAG00000023286
30.84	MRPL23	mitochondrial ribosomal protein L23	ENSECAG00000024486
30.31	RBP4	retinol-binding protein 4 precursor	ENSECAG00000016270
30.23			ENSECAG00000015165
30.17	CHMP5	charged multivesicular body protein 5	ENSECAG00000009827
30.17	PSME1	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)	ENSECAG00000016855
30.03	ITM2B	integral membrane protein 2B	ENSECAG00000013050
29.99	HSD17B1	hydroxysteroid (17-beta) dehydrogenase 1	ENSECAG00000011423
29.97			ENSECAG00000007689

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
29.91	EIF3I	eukaryotic translation initiation factor 3, subunit I	ENSECAG00000013877
29.90	WBP5	WW domain binding protein 5	ENSECAG00000002607
29.78			ENSECAG00000005122
29.76	MCM7	minichromosome maintenance complex component 7	ENSECAG00000015149
29.75	ID2	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein	ENSECAG00000008738
29.70	ROMO1	reactive oxygen species modulator 1	ENSECAG00000012391
29.68			ENSECAG00000005044
29.60	CERS2	ceramide synthase 2	ENSECAG00000018141
29.59	GPAA1	glycosylphosphatidylinositol anchor attachment 1	ENSECAG00000013668
29.56		Uncharacterized protein	ENSECAG00000018396
29.43	ANAPC11	anaphase promoting complex subunit 11	ENSECAG00000001140
29.39	UQCRB	ubiquinol-cytochrome c reductase binding protein	ENSECAG00000009780
29.26	SYNGR2	synaptogyrin 2	ENSECAG00000021946
29.20	MSMO1	methylsterol monooxygenase 1	ENSECAG00000010554
29.10	FGG	fibrinogen gamma chain	ENSECAG00000008280
29.07	TMEM179B	transmembrane protein 179B	ENSECAG00000001075
28.83			ENSECAG00000009059
28.82		Uncharacterized protein	ENSECAG00000015936
28.79	NOP56	NOP56 ribonucleoprotein	ENSECAG00000021299
28.77	UROD	uroporphyrinogen decarboxylase	ENSECAG00000011503
28.69	TLCD1	TLC domain containing 1	ENSECAG00000009427
28.66	TAGLN2	transgelin 2	ENSECAG00000010107
28.44	RHOB	ras homolog family member B	ENSECAG00000002668
28.44			ENSECAG00000018590
28.19	PDIA3	protein disulfide isomerase family A, member 3	ENSECAG00000020252
28.07		Uncharacterized protein	ENSECAG00000010039
28.04	SPINK2	serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inhibitor)	ENSECAG00000001010
27.98		Uncharacterized protein	ENSECAG00000011347
27.97	PSMG3	proteasome (prosome, macropain) assembly chaperone 3	ENSECAG00000016946
27.84	TOMM22	translocase of outer mitochondrial membrane 22 homolog (yeast)	ENSECAG00000010359

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
27.69	SPTSSB	serine palmitoyltransferase, small subunit B	ENSECAG00000005289
27.68		Uncharacterized protein	ENSECAG00000001749
27.65	WDR83OS	WD repeat domain 83 opposite strand	ENSECAG000000021981
27.61		Metallothionein	ENSECAG00000001555
27.60	SLC46A1	solute carrier family 46 (folate transporter), member 1	ENSECAG00000006826
27.43	SNORD86	Small nucleolar RNA SNORD86	ENSECAG000000025865
27.43	EPCAM	epithelial cell adhesion molecule	ENSECAG000000024630
27.33		Uncharacterized protein	ENSECAG000000024629
27.28	STMN1	stathmin 1	ENSECAG000000021662
27.10	DNAJB9	DnaJ (Hsp40) homolog, subfamily B, member 9	ENSECAG000000012526
27.04	SSR2	signal sequence receptor, beta (translocon-associated protein beta)	ENSECAG000000013740
26.96	TRAPPC5	trafficking protein particle complex 5	ENSECAG000000001830
26.76	MGAT2	mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	ENSECAG000000005166
26.69	APOA1	apolipoprotein A-I	ENSECAG000000009752
26.63		Uncharacterized protein	ENSECAG000000016751
26.56			ENSECAG000000008687
26.53			ENSECAG000000017928
26.52	SIGMAR1	sigma non-opioid intracellular receptor 1	ENSECAG000000019783
26.52			ENSECAG000000021086
26.50	EIF4A1	eukaryotic translation initiation factor 4A1	ENSECAG000000021478
26.48			ENSECAG000000012465
26.27		Uncharacterized protein	ENSECAG000000004547
26.16	GALE	UDP-galactose-4-epimerase	ENSECAG000000025140
26.00	CTNNB1	catenin beta-1	ENSECAG000000006949
26.00	TMBIM6	transmembrane BAX inhibitor motif containing 6	ENSECAG000000013149
25.86		Uncharacterized protein	ENSECAG000000019909
25.84		Uncharacterized protein	ENSECAG000000023715
25.84	HEXIM1	hexamethylene bis-acetamide inducible 1	ENSECAG000000000859
25.81			ENSECAG000000021100
25.71	HMOX1	heme oxygenase (decycling) 1	ENSECAG000000001129

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
25.61	SERPINH1	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)	ENSECAG00000004871
25.47	PLP2	proteolipid protein 2 (colonic epithelium-enriched)	ENSECAG00000000216
25.43			ENSECAG000000014429
25.38	CYP11A1	cholesterol side-chain cleavage enzyme, mitochondrial precursor	ENSECAG000000017494
25.29	ISG15	ISG15 ubiquitin-like modifier	ENSECAG000000001324
24.96	ERP29	endoplasmic reticulum protein 29	ENSECAG000000000384
24.88	TUFM	Tu translation elongation factor, mitochondrial	ENSECAG000000019763
24.80	H1FX	H1 histone family, member X	ENSECAG000000003332
24.77	NDUFB11	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11, 17.3kDa	ENSECAG000000020805
24.64	NDUFB1	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 1, 7kDa	ENSECAG000000023911
24.62	HBZ1	hemoglobin subunit zeta	ENSECAG000000016460
24.52			ENSECAG000000004860
24.49	B3GALNT1	beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group)	ENSECAG000000004809
24.46	RPSA	40S ribosomal protein SA	ENSECAG000000020152
24.46	GNG10	guanine nucleotide binding protein (G protein), gamma 10	ENSECAG000000005273
24.44	SEPHS2	selenophosphate synthetase 2	ENSECAG000000003276
24.40	MKRN1	makorin ring finger protein 1	ENSECAG000000017929
24.31	HSD17B10	hydroxysteroid (17-beta) dehydrogenase 10	ENSECAG000000015572
24.31			ENSECAG000000012677
24.11	UQCRC1	ubiquinol-cytochrome c reductase core protein I	ENSECAG000000020020
24.04	MRPL51	mitochondrial ribosomal protein L51	ENSECAG000000017430
24.00	MDH2	malate dehydrogenase 2, NAD (mitochondrial)	ENSECAG000000023094
23.98	NEU2	sialidase 2 (cytosolic sialidase)	ENSECAG000000018974
23.94		Uncharacterized protein	ENSECAG000000014226
23.92			ENSECAG000000001489
23.92	LUM	lumican	ENSECAG000000018248
23.74	YWHAB	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide	ENSECAG000000020397
23.73	VAMP8	vesicle-associated membrane protein 8	ENSECAG000000009514

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
23.70	PTRH2	peptidyl-tRNA hydrolase 2	ENSECAG00000003621
23.60		Uncharacterized protein	ENSECAG000000020914
23.52	SOD1	superoxide dismutase	ENSECAG000000008958
23.47			ENSECAG000000012597
23.44	MCFD2	multiple coagulation factor deficiency 2	ENSECAG000000000411
23.37	KRTCAP2	keratinocyte associated protein 2	ENSECAG000000019530
23.30	SC5D	sterol-C5-desaturase	ENSECAG000000018059
23.28	C1GALT1C1	C1GALT1-specific chaperone 1	ENSECAG000000004034
23.20	SLC10A3	solute carrier family 10 (sodium/bile acid cotransporter family), member 3	ENSECAG000000013796
23.17		Uncharacterized protein	ENSECAG000000011833
23.16	TRIM28	tripartite motif containing 28	ENSECAG000000010774
23.14	SLC25A11	solute carrier family 25 (mitochondrial carrier, oxoglutarate carrier), member 11	ENSECAG000000022154
23.05	ORMDL2	ORM1-like 2 (<i>S. cerevisiae</i>)	ENSECAG000000008558
23.04	HMOX2	heme oxygenase (decycling) 2	ENSECAG000000017319
22.97	CMPK1	cytidine monophosphate (UMP-CMP) kinase 1, cytosolic	ENSECAG000000000428
22.90	PSMD2	proteasome (prosome, macropain) 26S subunit, non-ATPase, 2	ENSECAG000000022375
22.89	ATP6V0B	ATPase, H ⁺ transporting, lysosomal 21kDa, V0 subunit b	ENSECAG000000024290
22.85	KARS	lysyl-tRNA synthetase	ENSECAG000000013424
22.78	C1orf210	chromosome 1 open reading frame 210	ENSECAG000000020470
22.68	TSC22D3	TSC22 domain family, member 3	ENSECAG000000008215
22.65	EIF3G	eukaryotic translation initiation factor 3, subunit G	ENSECAG000000021436
22.61	CAPNS1	calpain, small subunit 1	ENSECAG000000012210
22.60	SLC39A7	solute carrier family 39 (zinc transporter), member 7	ENSECAG000000004794
22.40	ACADVL	acyl-CoA dehydrogenase, very long chain	ENSECAG000000024844
22.40	EIF3K	eukaryotic translation initiation factor 3, subunit K	ENSECAG000000012822
22.38		Uncharacterized protein	ENSECAG000000017415
22.32	TKT	transketolase	ENSECAG000000005863
22.18		Uncharacterized protein	ENSECAG000000006491
22.14	SMIM11	small integral membrane protein 11	ENSECAG000000003617
22.14		Uncharacterized protein	ENSECAG000000022868

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
22.13	COPS6	COP9 signalosome subunit 6	ENSECAG00000008997
22.01	FOS	FBJ murine osteosarcoma viral oncogene homolog	ENSECAG00000014260
21.97	MANF	mesencephalic astrocyte-derived neurotrophic factor	ENSECAG00000011938
21.95	MRPS34	mitochondrial ribosomal protein S34	ENSECAG00000016370
21.89	DPM3	dolichyl-phosphate mannosyltransferase polypeptide 3	ENSECAG00000007343
21.86	OXA1L	oxidase (cytochrome c) assembly 1-like	ENSECAG00000015615
21.85	IMPDH2	IMP (inosine 5'-monophosphate) dehydrogenase 2	ENSECAG00000006885
21.81	SRSF5	splicing factor, arginine/serine-rich 5	ENSECAG00000026873
21.77	eca-mir-492-1	eca-mir-492-1	ENSECAG00000014086
21.77	DDOST	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit (non-catalytic)	ENSECAG00000019546
21.66	TRAF4	TNF receptor-associated factor 4	ENSECAG00000011568
21.59	APOB	apolipoprotein B	ENSECAG00000008600
21.51	EBP	emopamil binding protein (sterol isomerase)	ENSECAG00000022178
21.49	TMED4	transmembrane emp24 protein transport domain containing 4	ENSECAG00000016918
21.45	SEPP1	selenoprotein P precursor	ENSECAG00000026820
21.44	CDO1	cysteine dioxygenase type 1	ENSECAG00000012826
21.42			ENSECAG00000005412
21.41	NDUFS2	NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase)	ENSECAG00000009102
21.41	PABPN1	poly(A) binding protein, nuclear 1	ENSECAG00000011652
21.37	PRR15	proline rich 15	ENSECAG00000003083
21.28	PSMA7	proteasome (prosome, macropain) subunit, alpha type, 7	ENSECAG00000014168
21.27			ENSECAG00000024460
21.20	COX6B1	cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous)	ENSECAG00000012317
21.13	PEBP1	phosphatidylethanolamine binding protein 1	ENSECAG00000024564
21.10	KDELR2	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2	ENSECAG00000006462
20.99	HNRNPU	heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)	ENSECAG00000007955
20.95	SNORD81	Small nucleolar RNA SNORD81	ENSECAG00000025372
20.91	MAGED2	melanoma antigen family D, 2	ENSECAG00000000036

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
20.91	ZNF146	zinc finger protein 146	ENSECAG00000005248
20.83		Uncharacterized protein	ENSECAG00000002445
20.81	SFN	stratifin	ENSECAG00000005550
20.77	PSMC5	proteasome (prosome, macropain) 26S subunit, ATPase, 5	ENSECAG00000023185
20.73	HSBP1	heat shock factor binding protein 1	ENSECAG00000026920
20.70	NDUFS8	NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23kDa (NADH-coenzyme Q reductase)	ENSECAG00000010175
20.70	MDH1	malate dehydrogenase 1, NAD (soluble)	ENSECAG00000010849
20.69	NDUFA1	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 7.5kDa	ENSECAG00000020907
20.59	MAPK6	mitogen-activated protein kinase 6	ENSECAG00000008209
20.52	HMGA1	high mobility group AT-hook 1	ENSECAG00000000734
20.51	DSTN	destrin (actin depolymerizing factor)	ENSECAG00000020103
20.45		Uncharacterized protein	ENSECAG00000012586
20.38	SRSF1	splicing factor, arginine/serine-rich 1	ENSECAG00000016654
20.33	MRPL50	mitochondrial ribosomal protein L50	ENSECAG00000002531
20.26	GRINA	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding)	ENSECAG00000006162
20.16	CHMP4B	charged multivesicular body protein 4B	ENSECAG00000008311
20.11		Uncharacterized protein	ENSECAG00000008721
20.08	GNB2	guanine nucleotide binding protein (G protein), beta polypeptide 2	ENSECAG00000017221
20.06	HMGCS1	3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble)	ENSECAG00000008637
20.03	APEX1	APEX nuclease (multifunctional DNA repair enzyme) 1	ENSECAG00000022325
20.00	RAMP2	receptor (G protein-coupled) activity modifying protein 2	ENSECAG00000007412
19.89	SSNA1	Sjogren syndrome nuclear autoantigen 1	ENSECAG00000023499
19.85			ENSECAG00000020024
19.75	RAB9A	RAB9A, member RAS oncogene family	ENSECAG00000005451
19.73	CEBPG	CCAAT/enhancer binding protein (C/EBP), gamma	ENSECAG00000004879
19.68	LAMP1	lysosomal-associated membrane protein 1	ENSECAG00000017618
19.67	RNF181	ring finger protein 181	ENSECAG00000000327
19.54	TM4SF1	transmembrane 4 L six family member 1	ENSECAG00000019071

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
19.50	TMEM60	transmembrane protein 60	ENSECAG00000001903
19.48	HMGB3	high mobility group box 3	ENSECAG00000020596
19.47	OAT	ornithine aminotransferase	ENSECAG00000014873
19.29	GALK1	galactokinase 1	ENSECAG00000019803
19.26	eca-mir-367	eca-mir-367	ENSECAG00000025576
19.14			ENSECAG00000005903
19.06	APOA1BP	apolipoprotein A-I binding protein	ENSECAG00000013968
19.04	DYNC1H1	dynein, cytoplasmic 1, heavy chain 1	ENSECAG00000015929
18.97	SRP14	signal recognition particle 14kDa (homologous Alu RNA binding protein)	ENSECAG00000000319
18.96	PKM	pyruvate kinase isozymes M1/M2 isoform M2	ENSECAG00000007644
18.94	CISD2	CDGSH iron sulfur domain 2	ENSECAG00000020631
18.86	IGF2	insulin-like growth factor II precursor	ENSECAG00000024524
18.81	SHISA4	shisa homolog 4 (Xenopus laevis)	ENSECAG00000021280
18.80	TIMM13	translocase of inner mitochondrial membrane 13 homolog (yeast)	ENSECAG00000010820
18.68	MLF2	myeloid leukemia factor 2	ENSECAG00000022587
18.61		Uncharacterized protein	ENSECAG00000019676
18.56	EIF4A2	eukaryotic translation initiation factor 4A2	ENSECAG00000021223
18.55			ENSECAG00000022546
18.50	ANXA1	Annexin A1	ENSECAG00000015794
18.49	RAB11A	RAB11A, member RAS oncogene family	ENSECAG00000023865
18.48	P19	uterocalin precursor	ENSECAG00000000866
18.45	ACAT2	acetyl-CoA acetyltransferase 2	ENSECAG00000014678
18.44	TUBA4A	tubulin, alpha 4a	ENSECAG00000014514
18.39			ENSECAG00000015786
18.38	LRP10	low density lipoprotein receptor-related protein 10	ENSECAG00000022955
18.37	PSMB5	proteasome (prosome, macropain) subunit, beta type, 5	ENSECAG00000017123
18.16	MCL1	myeloid cell leukemia sequence 1 (BCL2-related)	ENSECAG00000018823
18.13	PLD3	phospholipase D family, member 3	ENSECAG00000013722
18.11	CHCHD5	coiled-coil-helix-coiled-coil-helix domain containing 5	ENSECAG00000026826
18.10		Uncharacterized protein	ENSECAG00000014838

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
18.09	RBMX	RNA binding motif protein, X-linked	ENSECAG00000021380
18.08	GADD45GIP1	growth arrest and DNA-damage-inducible, gamma interacting protein 1	ENSECAG00000003766
18.08	SCPEP1	serine carboxypeptidase 1	ENSECAG000000005781
18.02			ENSECAG000000003494
18.01		Uncharacterized protein	ENSECAG000000014718
18.01	PAPSS2	3'-phosphoadenosine 5'-phosphosulfate synthase 2	ENSECAG000000008426
17.95	CNDP2	CNDP dipeptidase 2 (metallopeptidase M20 family)	ENSECAG000000018401
17.95	UFC1	ubiquitin-fold modifier conjugating enzyme 1	ENSECAG000000013803
17.93	ATP1B1	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	ENSECAG000000017771
17.91	ATP6V0A4	ATPase, H ⁺ transporting, lysosomal V0 subunit a4	ENSECAG000000016114
17.86	DDX39B	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B	ENSECAG000000007750
17.86		Uncharacterized protein	ENSECAG000000010630
17.85	PPP1R14B	protein phosphatase 1, regulatory (inhibitor) subunit 14B	ENSECAG000000010628
17.84			ENSECAG000000002719
17.80	LSM7	LSM7 homolog, U6 small nuclear RNA associated (S. cerevisiae)	ENSECAG000000001440
17.78	ING1	inhibitor of growth family, member 1	ENSECAG000000003357
17.69	CALM3	calmodulin 3 (phosphorylase kinase, delta)	ENSECAG000000022442
17.68	ZFP42	ZFP42 zinc finger protein	ENSECAG000000006030
17.65	BCKDK	branched chain ketoacid dehydrogenase kinase	ENSECAG000000011818
17.56		Uncharacterized protein	ENSECAG000000003112
17.53	ARL4A	ADP-ribosylation factor-like 4A	ENSECAG000000019333
17.48	C8orf4	chromosome 8 open reading frame 4	ENSECAG000000003072
17.47		Uncharacterized protein	ENSECAG000000024719
17.43	NONO	non-POU domain containing, octamer-binding	ENSECAG000000008502
17.37	NAGA	N-acetylgalactosaminidase, alpha-	ENSECAG000000011376
17.36	GCSH	glycine cleavage system protein H (aminomethyl carrier)	ENSECAG000000026862
17.35			ENSECAG000000007175
17.29			ENSECAG000000005750
17.26	YPEL3	yippee-like 3 (Drosophila)	ENSECAG000000024038
17.17	H2AFV	H2A histone family, member V	ENSECAG000000016692

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
17.17	DOLK	dolichol kinase	ENSECAG00000003118
17.15			ENSECAG000000024986
17.14	NCOA4	nuclear receptor coactivator 4	ENSECAG000000006210
17.11	EEF1D	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)	ENSECAG000000007976
17.09	HMGN4	high mobility group nucleosomal binding domain 4	ENSECAG000000007912
17.04	STOML2	stomatin (EPB72)-like 2	ENSECAG000000017691
17.00	C1orf85	chromosome 1 open reading frame 85	ENSECAG000000024928
16.99	CANX	calnexin	ENSECAG000000003079
16.97	EIF1B	eukaryotic translation initiation factor 1B	ENSECAG000000005758
16.94	LITAF	lipopolysaccharide-induced tumor necrosis factor-alpha factor	ENSECAG000000017984
16.85			ENSECAG000000001247
16.82	MAF1	MAF1 homolog (S. cerevisiae)	ENSECAG000000006366
16.77	PFDN5	prefoldin subunit 5	ENSECAG000000008454
16.77	ATP5F1	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit B1	ENSECAG000000018599
16.75	LRRC8D	leucine rich repeat containing 8 family, member D	ENSECAG000000006476
16.71	EIF3D	eukaryotic translation initiation factor 3, subunit D	ENSECAG000000022413
16.63	MRPS16	mitochondrial ribosomal protein S16	ENSECAG000000009146
16.59	LDHB	L-lactate dehydrogenase B chain	ENSECAG000000011331
16.58	HRSP12	heat-responsive protein 12	ENSECAG000000004316
16.55	DDX3X	DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked	ENSECAG000000009901
16.55			ENSECAG000000020876
16.53	ALYREF	Aly/REF export factor	ENSECAG000000018754
16.49	RHOC	ras homolog family member C	ENSECAG000000010174
16.44	AGPAT2	1-acylglycerol-3-phosphate O-acyltransferase 2	ENSECAG000000010932
16.41	ZNF706	zinc finger protein 706	ENSECAG000000013562
16.41	POLR2G	polymerase (RNA) II (DNA directed) polypeptide G	ENSECAG000000021465
16.40	PGD	phosphogluconate dehydrogenase	ENSECAG000000019711
16.35	GDI1	GDP dissociation inhibitor 1	ENSECAG000000017687
16.33	NME2	nucleoside diphosphate kinase B	ENSECAG000000021658

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
16.33	DBI	diazepam binding inhibitor (GABA receptor modulator, acyl-CoA binding protein)	ENSECAG00000018949
16.31			ENSECAG00000014066
16.31	CHCHD7	coiled-coil-helix-coiled-coil-helix domain containing 7	ENSECAG00000010468
16.29	CHST4	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4	ENSECAG00000006553
16.26	EMD	emerin	ENSECAG00000013908
16.22	NDUFS3	NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)	ENSECAG00000013454
16.19	FBL	fibrillarin	ENSECAG00000023221
16.16	eca-mir-1842	eca-mir-1842	ENSECAG00000025971
16.14	TRAPPC1	trafficking protein particle complex 1	ENSECAG00000011346
16.13	XBP1	X-box binding protein 1	ENSECAG00000014780
16.12			ENSECAG00000007870
16.11		Uncharacterized protein	ENSECAG00000013600
16.09	PPDPF	pancreatic progenitor cell differentiation and proliferation factor homolog (zebrafish)	ENSECAG00000009413
16.08	SERPINA3	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3	ENSECAG00000013482
16.07	EIF3L	eukaryotic translation initiation factor 3, subunit L	ENSECAG00000015150
16.06	YIPF3	Yip1 domain family, member 3	ENSECAG00000016807
16.06			ENSECAG00000024539
16.05		Glutathione S-transferase	ENSECAG00000019567
16.01	UTP3	UTP3, small subunit (SSU) processome component, homolog (S. cerevisiae)	ENSECAG00000005387
16.01	LY6E	lymphocyte antigen 6 complex, locus E	ENSECAG00000003310
16.00	AHSP	alpha hemoglobin stabilizing protein	ENSECAG00000010406
15.97	TPP1	tripeptidyl peptidase I	ENSECAG00000007829
15.94		Adenosylhomocysteinase	ENSECAG00000020551
15.92	RARRES1	retinoic acid receptor responder (tazarotene induced) 1	ENSECAG00000018458
15.89			ENSECAG00000003783
15.81	UBL4A	ubiquitin-like 4A	ENSECAG00000013506
15.79	PDIA4	protein disulfide isomerase family A, member 4	ENSECAG00000008848
15.78	HIRIP3	HIRA interacting protein 3	ENSECAG00000014983
15.77	ACTA2	actin, alpha 2, smooth muscle, aorta	ENSECAG00000015145

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
15.73	CCT2	chaperonin containing TCP1, subunit 2 (beta)	ENSECAG00000020755
15.70	UBE2M	ubiquitin-conjugating enzyme E2M	ENSECAG00000013447
15.67	NEU1	sialidase 1 (lysosomal sialidase)	ENSECAG00000019284
15.66	GALT	galactose-1-phosphate uridylyltransferase	ENSECAG00000008176
15.65	PKIB	protein kinase (cAMP-dependent, catalytic) inhibitor beta	ENSECAG00000022383
15.64			ENSECAG00000017710
15.62	PGK1	phosphoglycerate kinase 1	ENSECAG00000014984
15.57	LAMTOR2	late endosomal/lysosomal adaptor, MAPK and MTOR activator 2	ENSECAG00000009193
15.56	SFPQ	splicing factor proline/glutamine-rich	ENSECAG00000000642
15.50	BZW1	basic leucine zipper and W2 domains 1	ENSECAG00000011768
15.49		Uncharacterized protein	ENSECAG00000012455
15.42	CACYBP	calcyclin binding protein	ENSECAG00000004919
15.40	NDUFS5	NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa (NADH-coenzyme Q reductase)	ENSECAG00000011681
15.39	THYN1	thymocyte nuclear protein 1	ENSECAG00000001596
15.39	GMPPB	GDP-mannose pyrophosphorylase B	ENSECAG00000019354
15.37	SEC61G	Sec61 gamma subunit	ENSECAG00000009415
15.35	ATP6V0C	ATPase, H ⁺ transporting, lysosomal 16kDa, V0 subunit c	ENSECAG00000026846
15.35			ENSECAG00000019082
15.35	SLC35A4	solute carrier family 35, member A4	ENSECAG00000004900
15.33	SLC16A1	monocarboxylate transporter 1	ENSECAG00000021627
15.32		Uncharacterized protein	ENSECAG00000016243
15.29	MRPL34	mitochondrial ribosomal protein L34	ENSECAG00000011693
15.23	TUBB4A	tubulin, beta 4A class IVa	ENSECAG00000013659
15.21			ENSECAG00000014786
15.20		Uncharacterized protein	ENSECAG00000002027
15.14	ZBED5	zinc finger, BED-type containing 5	ENSECAG00000006542
15.13	CALM2	calmodulin 2 (phosphorylase kinase, delta)	ENSECAG00000008396
15.09	RPL10L	ribosomal protein L10-like	ENSECAG00000004957
15.07	PDZD11	PDZ domain containing 11	ENSECAG00000010771

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
15.05	PET100	PET100 homolog (<i>S. cerevisiae</i>)	ENSECAG00000008451
15.04	ARF3	ADP-ribosylation factor 3	ENSECAG00000008273
15.02	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)	ENSECAG000000021950
15.02	SRPR	signal recognition particle receptor (docking protein)	ENSECAG000000014692
15.00	ENSA	endosulfine alpha	ENSECAG000000017165
14.97	AUP1	ancient ubiquitous protein 1	ENSECAG000000013531
14.96			ENSECAG000000024825
14.94	MPDU1	mannose-P-dolichol utilization defect 1	ENSECAG000000005437
14.92	IL17F	interleukin 17F	ENSECAG000000020043
14.87	TALDO1	transaldolase 1	ENSECAG000000011679
14.82	SERBP1	SERPINE1 mRNA binding protein 1	ENSECAG000000014617
14.80			ENSECAG000000023638
14.79	LSMD1	LSM domain containing 1	ENSECAG000000009961
14.77	NDUFV1	NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa	ENSECAG000000021477
14.76	SMIM15	small integral membrane protein 15	ENSECAG000000006252
14.75	VEGFB	vascular endothelial growth factor B	ENSECAG000000010539
14.71	SLC37A2	solute carrier family 37 (glucose-6-phosphate transporter), member 2	ENSECAG000000010251
14.70	TNFRSF12A	tumor necrosis factor receptor superfamily, member 12A	ENSECAG000000022424
14.69			ENSECAG000000008322
14.61	FDFT1	farnesyl-diphosphate farnesyltransferase 1	ENSECAG000000021133
14.58	PSMD8	proteasome (prosome, macropain) 26S subunit, non-ATPase, 8	ENSECAG000000007822
14.56	HCFC1R1	host cell factor C1 regulator 1 (XPO1 dependent)	ENSECAG000000021500
14.55	CTSB	cathepsin B	ENSECAG000000023820
14.52	TINAGL1	tubulointerstitial nephritis antigen-like 1	ENSECAG000000014247
14.51	VPS28	vacuolar protein sorting 28 homolog (<i>S. cerevisiae</i>)	ENSECAG000000006505
14.50			ENSECAG000000001370
14.50	HIST2H2BE	histone cluster 2, H2be	ENSECAG000000007843
14.49	C8orf33	chromosome 8 open reading frame 33	ENSECAG000000011952
14.49		Oxysterol-binding protein	ENSECAG000000016233
14.48	CDK16	cyclin-dependent kinase 16	ENSECAG000000018820

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
14.47	GNAI2	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2	ENSECAG00000000489
14.47	HNRNPH2	heterogeneous nuclear ribonucleoprotein H2 (H')	ENSECAG000000023575
14.46	ATP5J	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit F6	ENSECAG000000017858
14.45			ENSECAG000000005152
14.41	TMEM88	transmembrane protein 88	ENSECAG000000009956
14.41	ILF2	interleukin enhancer binding factor 2	ENSECAG000000008567
14.38	CD9	CD9 molecule	ENSECAG000000003002
14.36	GLRX	glutaredoxin (thioltransferase)	ENSECAG000000024613
14.35	REEP4	receptor accessory protein 4	ENSECAG000000015249
14.35	COL4A1	collagen, type IV, alpha 1	ENSECAG000000019838
14.33			ENSECAG000000025635
14.33	SMDT1	single-pass membrane protein with aspartate-rich tail 1	ENSECAG000000022508
14.31	SNORA18	Small nucleolar RNA SNORA18	ENSECAG000000025403
14.19	HAND1	heart and neural crest derivatives expressed 1	ENSECAG000000005327
14.13	DUSP14	dual specificity phosphatase 14	ENSECAG000000003831
14.03	PFDN6	prefoldin subunit 6	ENSECAG000000026908
13.98		Uncharacterized protein	ENSECAG000000021359
13.95	CCL28	chemokine (C-C motif) ligand 28	ENSECAG000000008624
13.95			ENSECAG000000012472
13.92			ENSECAG000000016093
13.90		Uncharacterized protein	ENSECAG000000016499
13.87			ENSECAG000000019523
13.87	PTP4A1	protein tyrosine phosphatase type IVA, member 1	ENSECAG000000022483
13.85			ENSECAG000000003026
13.85	ASNS	asparagine synthetase (glutamine-hydrolyzing)	ENSECAG000000012134
13.83	NUP62	nucleoporin 62kDa	ENSECAG000000006129
13.83	PTMA	prothymosin, alpha	ENSECAG000000006493
13.82		Uncharacterized protein	ENSECAG000000003398
13.81			ENSECAG000000008501

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
13.81	MGAT4B	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme B	ENSECAG00000010844
13.78	CCT6A	chaperonin containing TCP1, subunit 6A (zeta 1)	ENSECAG00000020091
13.77	RBM4	RNA binding motif protein 4	ENSECAG00000022940
13.75	FKBP4	FK506 binding protein 4, 59kDa	ENSECAG00000020465
13.74	ECHS1	enoyl CoA hydratase, short chain, 1, mitochondrial	ENSECAG00000012703
13.73	ELOVL1	ELOVL fatty acid elongase 1	ENSECAG00000014743
13.71	WBP2	WW domain binding protein 2	ENSECAG00000022369
13.71	SEPW1	selenoprotein W, 1	ENSECAG00000006989
13.70	CAPN1	calpain 1, (mu/l) large subunit	ENSECAG00000022942
13.69			ENSECAG00000027177
13.68	ACOT13	acyl-CoA thioesterase 13	ENSECAG00000020263
13.61		Uncharacterized protein	ENSECAG00000004415
13.58		Uncharacterized protein	ENSECAG00000014222
13.57	SRSF9	serine/arginine-rich splicing factor 9	ENSECAG00000009116
13.56	PTGES	prostaglandin E synthase	ENSECAG00000000943
13.53			ENSECAG00000015171
13.52	MGST3	microsomal glutathione S-transferase 3	ENSECAG00000022320
13.50		Uncharacterized protein	ENSECAG00000004011
13.47	PSMA4	proteasome (prosome, macropain) subunit, alpha type, 4	ENSECAG00000009632
13.45	CCT4	chaperonin containing TCP1, subunit 4 (delta)	ENSECAG00000016982
13.44	THRSP	thyroid hormone responsive	ENSECAG00000005855
13.43	NDUFB9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9, 22kDa	ENSECAG00000018238
13.40	ESRRA	estrogen-related receptor alpha	ENSECAG00000015602
13.40			ENSECAG00000019597
13.36	ELOF1	elongation factor 1 homolog (S. cerevisiae)	ENSECAG00000012821
13.35	FSTL3	folliculin-like 3 (secreted glycoprotein)	ENSECAG00000003580
13.35	DCTPP1	dCTP pyrophosphatase 1	ENSECAG00000024831
13.34	ISOC2	isochorismatase domain containing 2	ENSECAG00000015928
13.32	PSMC3	proteasome (prosome, macropain) 26S subunit, ATPase, 3	ENSECAG00000024786

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
13.32	HEXA	hexosaminidase A (alpha polypeptide)	ENSECAG00000011466
13.29	ALDOB	aldolase B, fructose-bisphosphate	ENSECAG00000015932
13.27	SCO2	SCO2 cytochrome c oxidase assembly protein	ENSECAG00000001560
13.26	PPP1R15A	protein phosphatase 1, regulatory subunit 15A	ENSECAG00000010277
13.22	SLC30A3	solute carrier family 30 (zinc transporter), member 3	ENSECAG00000011668
13.19	MAPKAPK2	mitogen-activated protein kinase-activated protein kinase 2	ENSECAG00000021899
13.19	RNF187	ring finger protein 187	ENSECAG00000016200
13.19	COMMD5	COMM domain containing 5	ENSECAG00000001462
13.13	TMEM97	transmembrane protein 97	ENSECAG00000012404
13.12	TOMM20	translocase of outer mitochondrial membrane 20 homolog (yeast)	ENSECAG00000019640
13.12	RPS27L	40S ribosomal protein S27	ENSECAG00000013269
13.07	RPL22L1	ribosomal protein L22-like 1	ENSECAG00000018894
13.06	DSP	desmoplakin	ENSECAG00000014820
13.06	VDAC3	voltage-dependent anion channel 3	ENSECAG00000000438
13.05	SLC35B2	solute carrier family 35 (adenosine 3'-phospho 5'-phosphosulfate transporter), member B2	ENSECAG00000017860
13.05	SNRNP25	small nuclear ribonucleoprotein 25kDa (U11/U12)	ENSECAG00000024913
13.02	GOT2	glutamic-oxaloacetic transaminase 2, mitochondrial	ENSECAG00000016504
12.99	YME1L1	YME1-like 1 ATPase	ENSECAG00000002845
12.99	ACKR3	atypical chemokine receptor 3	ENSECAG00000000942
12.99	NAGK	N-acetylglucosamine kinase	ENSECAG00000013331
12.95	SRSF7	splicing factor, arginine/serine-rich 7	ENSECAG00000008664
12.95	SERINC2	serine incorporator 2	ENSECAG00000020956
12.94	SELH	selenoprotein H	ENSECAG00000017524
12.93	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	ENSECAG00000023420
12.88	TPRKB	TP53RK binding protein	ENSECAG00000007070
12.86	GHITM	growth hormone inducible transmembrane protein	ENSECAG00000019064
12.81	CX32	Gap junction beta-1 protein	ENSECAG00000002107
12.77	CDCA3	cell division cycle associated 3	ENSECAG00000014517
12.77	TMEM125	transmembrane protein 125	ENSECAG00000001068

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
12.76	SCAND1	SCAN domain containing 1	ENSECAG00000001342
12.75	HIGD1A	HIG1 hypoxia inducible domain family, member 1A	ENSECAG00000010978
12.72	GNL3	guanine nucleotide binding protein-like 3 (nucleolar)	ENSECAG00000014850
12.69	PSME2	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)	ENSECAG00000017910
12.68	GNG5	guanine nucleotide binding protein (G protein), gamma 5	ENSECAG00000019532
12.65	CA7	carbonic anhydrase VII	ENSECAG00000024943
12.62	GSN	gelsolin	ENSECAG00000018714
12.62			ENSECAG00000011799
12.60	PSCA	prostate stem cell antigen	ENSECAG00000006143
12.59	PRMT1	protein arginine methyltransferase 1	ENSECAG00000024076
12.58	CD2BP2	CD2 (cytoplasmic tail) binding protein 2	ENSECAG00000006737
12.57		Uncharacterized protein	ENSECAG00000000811
12.57	EGR1	early growth response 1	ENSECAG00000014338
12.57	GLA	galactosidase, alpha	ENSECAG00000018500
12.56	ADRM1	adhesion regulating molecule 1	ENSECAG00000014322
12.55	DNPH1	2'-deoxynucleoside 5'-phosphate N-hydrolase 1	ENSECAG00000006660
12.55			ENSECAG00000020462
12.54	RPL7L1	ribosomal protein L7-like 1	ENSECAG00000003113
12.53	MED7	mediator complex subunit 7	ENSECAG00000004270
12.53	COX5A	cytochrome c oxidase subunit Va	ENSECAG00000000160
12.51	AGM	Angiomodulin, Uncharacterized protein	ENSECAG00000013087
12.50		Metallothionein	ENSECAG00000000358
12.50	SLC36A2	solute carrier family 36 (proton/amino acid symporter), member 2	ENSECAG00000011961
12.48	NDUFB3	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa	ENSECAG00000020674
12.47	FIBP	fibroblast growth factor (acidic) intracellular binding protein	ENSECAG00000022559
12.43	NPM3	nucleophosmin/nucleoplasmin 3	ENSECAG00000007524
12.41	CDIPT	CDP-diacylglycerol--inositol 3-phosphatidyltransferase	ENSECAG00000012107
12.41	C19orf70	chromosome 19 open reading frame 70	ENSECAG00000012658
12.37	SYPL1	synaptophysin-like 1	ENSECAG00000009695
12.36	UBXN1	UBX domain protein 1	ENSECAG00000017404

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
12.36		Uncharacterized protein	ENSECAG00000004802
12.31	SNORD47	Small nucleolar RNA SNORD47	ENSECAG00000026262
12.28	COX20	COX20 cytochrome C oxidase assembly factor	ENSECAG00000008125
12.26	SMPD2	sphingomyelin phosphodiesterase 2, neutral membrane (neutral sphingomyelinase)	ENSECAG00000016972
12.26	FIS1	fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae)	ENSECAG00000013191
12.25	HIST2H2AA3	histone cluster 2, H2aa3	ENSECAG00000007937
12.22	ILK	integrin-linked kinase	ENSECAG00000007599
12.20	CCT7	chaperonin containing TCP1, subunit 7 (eta)	ENSECAG00000017145
12.20	TXN2	thioredoxin 2	ENSECAG00000013929
12.19	TMEM258	transmembrane protein 258	ENSECAG00000023261
12.19	ATP5C1	ATP synthase, H+ transporting, mitochondrial F1 complex, gamma polypeptide 1	ENSECAG00000024684
12.19	OCEL1	occludin/ELL domain containing 1	ENSECAG00000010782
12.18	NPY5R	neuropeptide Y receptor Y5	ENSECAG00000016236
12.17	NDUFB4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4, 15kDa	ENSECAG00000015610
12.14	CTF8	CTF8, chromosome transmission fidelity factor 8 homolog (S. cerevisiae)	ENSECAG00000009022
12.05	PRDX6	peroxiredoxin 6	ENSECAG00000022468
12.01	ZNF157	zinc finger protein 157	ENSECAG00000021242
12.00	F2RL1	coagulation factor II (thrombin) receptor-like 1	ENSECAG00000002867
12.00			ENSECAG00000027456
12.00	ABHD11	abhydrolase domain containing 11	ENSECAG00000024165
11.99	CDC20	cell division cycle 20	ENSECAG00000019705
11.96	ARSA	arylsulfatase A	ENSECAG00000020104
11.96	PCBP2	poly(rC) binding protein 2	ENSECAG00000022389
11.95	HBQ1	hemoglobin, theta 1	ENSECAG00000009879
11.94	EIF4GI	eukaryotic translation initiation factor 4 gamma 1	ENSECAG00000008046
11.92	C19orf43	chromosome 19 open reading frame 43	ENSECAG00000012154
11.92	SERPINF2	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2	ENSECAG00000021794
11.91			ENSECAG00000006602
11.90	PA2G4	proliferation-associated 2G4, 38kDa	ENSECAG00000005731

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
11.87	MMGT1	membrane magnesium transporter 1	ENSECAG00000004124
11.81	DRAP1	DR1-associated protein 1 (negative cofactor 2 alpha)	ENSECAG00000023373
11.69	CCT3	chaperonin containing TCP1, subunit 3 (gamma)	ENSECAG00000020633
11.66	ARPC3	actin related protein 2/3 complex, subunit 3, 21kDa	ENSECAG00000020416
11.66	HDDC3	HD domain containing 3	ENSECAG00000017200
11.65	NDUFB7	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7, 18kDa	ENSECAG00000017656
11.64	NDUFA6	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6, 14kDa	ENSECAG00000022520
11.63	LDB1	LIM domain binding 1	ENSECAG00000012948
11.63	RPP25L	ribonuclease P/MRP 25kDa subunit-like	ENSECAG00000002357
11.58	ACTA1	actin, alpha 1, skeletal muscle	ENSECAG00000000207
11.52	HNRNPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)	ENSECAG00000007190
11.51	MRPL40	mitochondrial ribosomal protein L40	ENSECAG00000009876
11.49	MESDC2	mesoderm development candidate 2	ENSECAG00000018394
11.48	SLC25A4	solute carrier family 25 (mitochondrial carrier, adenine nucleotide translocator), member 4	ENSECAG00000020944
11.48		Uncharacterized protein	ENSECAG00000015097
11.47	HMBS	hydroxymethylbilane synthase	ENSECAG00000017593
11.47	RPP38	ribonuclease P/MRP 38kDa subunit	ENSECAG00000004371
11.45	SNORA62	Small nucleolar RNA SNORA62/SNORA6 family	ENSECAG00000025509
11.43	SERPINB9	serpin peptidase inhibitor, clade B (ovalbumin), member 9	ENSECAG00000012506
11.43	RNF167	ring finger protein 167	ENSECAG00000021567
11.42	HDHD3	haloacid dehalogenase-like hydrolase domain containing 3	ENSECAG00000005335
11.40	NDUFA3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3, 9kDa	ENSECAG00000015897
11.40	ECH1	enoyl CoA hydratase 1, peroxisomal	ENSECAG00000024945
11.39	HMGCR	3-hydroxy-3-methylglutaryl-CoA reductase	ENSECAG00000021330
11.36	TSPAN31	tetraspanin 31	ENSECAG00000024982
11.33	AAMP	angio-associated, migratory cell protein	ENSECAG00000014821
11.31	SSR3	signal sequence receptor, gamma (translocon-associated protein gamma)	ENSECAG00000023239
11.30		Uncharacterized protein	ENSECAG00000019474
11.27	MRPL14	mitochondrial ribosomal protein L14	ENSECAG00000012726

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
11.27	RPN1	ribophorin I	ENSECAG00000003030
11.25	GRN	granulin	ENSECAG000000018046
11.23	PSMD7	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7	ENSECAG000000020408
11.22	SNORD36	Small nucleolar RNA SNORD36	ENSECAG000000026025
11.21	TM7SF2	transmembrane 7 superfamily member 2	ENSECAG000000021411
11.19	MYL9	myosin, light chain 9, regulatory	ENSECAG000000007545
11.19	MRPL52	mitochondrial ribosomal protein L52	ENSECAG000000000019
11.17	PTP4A2	protein tyrosine phosphatase type IVA, member 2	ENSECAG000000005653
11.12	VEGFA	Vascular endothelial growth factor A	ENSECAG000000009402
11.07	TMEM106C	transmembrane protein 106C	ENSECAG000000020351
11.06	BAG6	BCL2-associated athanogene 6	ENSECAG000000013260
11.04	RAD23A	RAD23 homolog A (S. cerevisiae)	ENSECAG000000024607
11.02	FURIN	furin (paired basic amino acid cleaving enzyme)	ENSECAG000000019913
11.00			ENSECAG000000005747
10.97	PPP2CA	protein phosphatase 2, catalytic subunit, alpha isozyme	ENSECAG000000022613
10.95		Uncharacterized protein	ENSECAG000000008746
10.93	NHP2L1	NHP2 non-histone chromosome protein 2-like 1 (S. cerevisiae)	ENSECAG000000000375
10.92		Uncharacterized protein	ENSECAG000000002857
10.90	WDR89	WD repeat domain 89	ENSECAG000000002936
10.86	SLC44A2	solute carrier family 44 (choline transporter), member 2	ENSECAG000000010363
10.85		Uncharacterized protein	ENSECAG000000012583
10.85	NAGLU	N-acetylglucosaminidase, alpha	ENSECAG000000016227
10.83	FAM195B	family with sequence similarity 195, member B	ENSECAG000000008867
10.82	PDP2	pyruvate dehydrogenase phosphatase catalytic subunit 2	ENSECAG000000006359
10.81	RNH1	ribonuclease/angiogenin inhibitor 1	ENSECAG000000020730
10.77	GUK1	guanylate kinase 1	ENSECAG000000019280
10.76	LPCAT3	lysophosphatidylcholine acyltransferase 3	ENSECAG000000023202
10.76	MFS5D5	major facilitator superfamily domain containing 5	ENSECAG000000022554
10.75	CREB3	cAMP responsive element binding protein 3	ENSECAG000000000184
10.74		Uncharacterized protein	ENSECAG000000003904

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
10.67	KIAA1551	KIAA1551	ENSECAG00000010736
10.66	HNRNPD	heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa)	ENSECAG00000009344
10.66	CCT8	chaperonin containing TCP1, subunit 8 (theta)	ENSECAG00000011457
10.65	UBA1	ubiquitin-like modifier activating enzyme 1	ENSECAG00000014002
10.65	VSTM5	V-set and transmembrane domain containing 5	ENSECAG00000011305
10.64	PDIA6	protein disulfide isomerase family A, member 6	ENSECAG00000022717
10.62	ALAD	aminolevulinate dehydratase	ENSECAG00000015427
10.60	PTBP1	polypyrimidine tract binding protein 1	ENSECAG00000018845
10.60	FKBP2	FK506 binding protein 2, 13kDa	ENSECAG00000010601
10.60	SLC2A1	solute carrier family 2, facilitated glucose transporter member 1	ENSECAG00000000303
10.58	UBE2C	ubiquitin-conjugating enzyme E2C	ENSECAG00000014619
10.58	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENSECAG00000011456
10.57	TRAPPC4	trafficking protein particle complex 4	ENSECAG00000006122
10.57	DHCR24	delta(24)-sterol reductase	ENSECAG00000017998
10.56	TAX1BP3	Tax1 (human T-cell leukemia virus type I) binding protein 3	ENSECAG00000024417
10.54	PCYT2	phosphate cytidylyltransferase 2, ethanolamine	ENSECAG00000003512
10.54	CTH	cystathionase (cystathionine gamma-lyase)	ENSECAG00000015050
10.53	MAP1LC3A	microtubule-associated protein 1 light chain 3 alpha	ENSECAG00000010011
10.53	BRD2	bromodomain containing 2	ENSECAG00000012089
10.52	TPM4	tropomyosin 4	ENSECAG00000022254
10.50	WFDC2	WAP four-disulfide core domain 2	ENSECAG00000017609
10.48	MID1IP1	MID1 interacting protein 1	ENSECAG00000002992
10.45	AHNAK2	AHNAK nucleoprotein 2	ENSECAG00000006311
10.41	C9orf16	chromosome 9 open reading frame 16	ENSECAG00000007094
10.40	CBX1	chromobox homolog 1	ENSECAG00000008048
10.39	VAT1	vesicle amine transport protein 1 homolog (T. californica)	ENSECAG00000016700
10.39	MOGS	mannosyl-oligosaccharide glucosidase	ENSECAG00000002048
10.39	MATR3	matrin-3	ENSECAG00000012882
10.39	C4orf3	chromosome 4 open reading frame 3	ENSECAG00000016365

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
10.38	SNF8	SNF8, ESCRT-II complex subunit	ENSECAG00000022092
10.36	MRPL16	mitochondrial ribosomal protein L16	ENSECAG00000014926
10.36		Uncharacterized protein	ENSECAG00000012078
10.35	ERF	Ets2 repressor factor	ENSECAG00000018426
10.35		Uncharacterized protein	ENSECAG00000018890
10.33	GDI2	GDP dissociation inhibitor 2	ENSECAG00000008855
10.33	PCNA	proliferating cell nuclear antigen	ENSECAG00000013162
10.33	RING1	ring finger protein 1	ENSECAG00000013736
10.32	NDUFAB1	NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1, 8kDa	ENSECAG00000010779
10.31	SPINT1	serine peptidase inhibitor, Kunitz type 1	ENSECAG00000023874
10.24	UBE2D3	ubiquitin-conjugating enzyme E2D 3	ENSECAG00000020678
10.24	APH1A	APH1A gamma secretase subunit	ENSECAG00000012998
10.21	PLA2G7	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)	ENSECAG00000024899
10.20		Uncharacterized protein	ENSECAG00000002541
10.18	PGRMC1	progesterone receptor membrane component 1	ENSECAG00000009619
10.16	TIMM8B	translocase of inner mitochondrial membrane 8 homolog B (yeast)	ENSECAG00000014836
10.12	OAZ2	ornithine decarboxylase antizyme 2	ENSECAG00000018627
10.12	AKR1B1	aldo-keto reductase family 1, member B1 (aldose reductase)	ENSECAG00000014271
10.09	SF3B4	splicing factor 3b, subunit 4, 49kDa	ENSECAG00000024737
10.06	MRPL38	mitochondrial ribosomal protein L38	ENSECAG00000014569
10.06	SNX17	sorting nexin 17	ENSECAG00000009240
10.06	NRBP1	nuclear receptor binding protein 1	ENSECAG00000007795
10.05	NAP1L1	nucleosome assembly protein 1-like 1	ENSECAG00000000066
10.03	FTCD	formimidoyltransferase cyclodeaminase	ENSECAG00000011979
10.02	YKT6	YKT6 v-SNARE homolog (S. cerevisiae)	ENSECAG00000010316
10.01	TGOLN2	trans-golgi network protein 2	ENSECAG00000026914
10.01			ENSECAG00000020597
9.96	MTX1	metaxin 1	ENSECAG00000007495
9.96	C19orf53	chromosome 19 open reading frame 53	ENSECAG00000010593
9.95	ALDH9A1	aldehyde dehydrogenase 9 family, member A1	ENSECAG00000012770

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
9.94	NHP2	NHP2 ribonucleoprotein	ENSECAG00000022963
9.94	CDC42EP4	CDC42 effector protein (Rho GTPase binding) 4	ENSECAG00000001996
9.91		Uncharacterized protein	ENSECAG00000002358
9.91	STIP1	stress-induced-phosphoprotein 1	ENSECAG00000006942
9.90		Uncharacterized protein	ENSECAG00000019392
9.89	SNORD66	Small nucleolar RNA SNORD66	ENSECAG00000026481
9.88	CSTF2T	cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa, tau variant	ENSECAG00000004701
9.84	RBM14	RNA binding motif protein 14	ENSECAG00000022859
9.84	TMEM223	transmembrane protein 223	ENSECAG00000001265
9.83			ENSECAG00000024504
9.82	ID3	inhibitor of DNA binding 3, dominant negative helix-loop-helix protein	ENSECAG00000023322
9.78	AP2S1	adaptor-related protein complex 2, sigma 1 subunit	ENSECAG00000016403
9.77		Uncharacterized protein	ENSECAG00000001226
9.77	CCT5	chaperonin containing TCP1, subunit 5 (epsilon)	ENSECAG00000019192
9.76	DAZAP2	DAZ associated protein 2	ENSECAG00000007313
9.75	POP7	processing of precursor 7, ribonuclease P/MRP subunit (S. cerevisiae)	ENSECAG00000010383
9.75	GADD45A	growth arrest and DNA-damage-inducible, alpha	ENSECAG00000014601
9.74	SRP19	signal recognition particle 19kDa	ENSECAG00000008895
9.71	EIF3M	eukaryotic translation initiation factor 3, subunit M	ENSECAG00000022640
9.71		Uncharacterized protein	ENSECAG00000003845
9.69		Uncharacterized protein	ENSECAG00000023062
9.69			ENSECAG00000015469
9.66	BNIP3	BCL2/adenovirus E1B 19kDa interacting protein 3	ENSECAG00000017458
9.66	SNORD77	Small nucleolar RNA SNORD77	ENSECAG00000025753
9.65	AK3	adenylate kinase 3	ENSECAG00000011235
9.63	GAMT	guanidinoacetate N-methyltransferase	ENSECAG00000009689
9.63	MSX2	msh homeobox 2	ENSECAG00000011749
9.62	RAB25	RAB25, member RAS oncogene family	ENSECAG00000023191
9.60	TEX30	testis expressed 30	ENSECAG00000021942
9.60	GID8	GID complex subunit 8 homolog (S. cerevisiae)	ENSECAG00000011992

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
9.59	DDB1	damage-specific DNA binding protein 1, 127kDa	ENSECAG00000012136
9.59	VTI1B	vesicle transport through interaction with t-SNAREs 1B	ENSECAG00000016517
9.55	VASP	vasodilator-stimulated phosphoprotein	ENSECAG00000007818
9.52	SLC2A5	Solute carrier family 2, facilitated glucose transporter member 5	ENSECAG00000022093
9.51			ENSECAG000000017851
9.50	CNBP	CCHC-type zinc finger, nucleic acid binding protein	ENSECAG00000009512
9.49	RANBP1	RAN binding protein 1	ENSECAG00000017197
9.48	NDUFV3	NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa	ENSECAG00000003055
9.47			ENSECAG000000018352
9.45	YBX1	Y box binding protein 1	ENSECAG000000023592
9.44		Uncharacterized protein	ENSECAG000000013756
9.43	CDK9	cyclin-dependent kinase 9	ENSECAG000000007965
9.41	BAMBI	BMP and activin membrane-bound inhibitor homolog (Xenopus laevis)	ENSECAG000000003193
9.40	PRKCDBP	protein kinase C, delta binding protein	ENSECAG000000000857
9.40	CYP51A1	cytochrome P450, family 51, subfamily A, polypeptide 1	ENSECAG000000006455
9.36	DNAJC5	DnaJ (Hsp40) homolog, subfamily C, member 5	ENSECAG000000004256
9.35	PSMC1	proteasome (prosome, macropain) 26S subunit, ATPase, 1	ENSECAG000000003601
9.35	TRIM59	tripartite motif containing 59	ENSECAG000000007762
9.35	COL1A2	collagen, type I, alpha 2	ENSECAG000000024740
9.31	PRDX3	peroxiredoxin 3	ENSECAG000000017026
9.30	ARCN1	archain 1	ENSECAG000000019849
9.30	MRPL11	mitochondrial ribosomal protein L11	ENSECAG000000013737
9.27	SSRP1	structure specific recognition protein 1	ENSECAG000000016612
9.25		Uncharacterized protein	ENSECAG000000010261
9.25	SAP18	Sin3A-associated protein, 18kDa	ENSECAG000000013508
9.22	CHD4	chromodomain helicase DNA binding protein 4	ENSECAG000000022005
9.22	POLR2J	polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa	ENSECAG000000022750
9.21	MRPL20	mitochondrial ribosomal protein L20	ENSECAG000000018364
9.19	RAB20	RAB20, member RAS oncogene family	ENSECAG000000003343
9.19	PEA15	phosphoprotein enriched in astrocytes 15	ENSECAG000000019187

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
9.16	CPXM1	carboxypeptidase X (M14 family), member 1	ENSECAG00000021019
9.16	SKP1	S-phase kinase-associated protein 1	ENSECAG00000003931
9.16		Uncharacterized protein	ENSECAG00000007086
9.14	SLC39A2	solute carrier family 39 (zinc transporter), member 2	ENSECAG00000021578
9.13			ENSECAG00000026701
9.13	PYCARD	PYD and CARD domain containing	ENSECAG00000010166
9.13	CFL2	cofilin 2 (muscle)	ENSECAG00000000511
9.12	KRT76	keratin 76	ENSECAG00000011083
9.11	AP1M2	adaptor-related protein complex 1, mu 2 subunit	ENSECAG00000023130
9.10			ENSECAG00000003049
9.08	ZDHHC20	zinc finger, DHHC-type containing 20	ENSECAG00000016465
9.06		Uncharacterized protein	ENSECAG00000000910
9.06	MRPS15	mitochondrial ribosomal protein S15	ENSECAG00000000933
9.06	FDPS	farnesyl diphosphate synthase	ENSECAG00000023262
9.05	APLNR	apelin receptor	ENSECAG00000004658
9.04	C11orf83	chromosome 11 open reading frame 83	ENSECAG00000017332
9.04	POLDIP2	polymerase (DNA-directed), delta interacting protein 2	ENSECAG00000014272
9.04	POLB	polymerase (DNA directed), beta	ENSECAG00000026927
9.02	TMEM205	transmembrane protein 205	ENSECAG00000020060
9.02		Uncharacterized protein	ENSECAG00000021217
9.02	MORF4L1	mortality factor 4 like 1	ENSECAG00000008091
9.00	ADI1	acireductone dioxygenase 1	ENSECAG00000005765
8.96	CSDE1	cold shock domain containing E1, RNA-binding	ENSECAG00000020885
8.95	PISD	phosphatidylserine decarboxylase	ENSECAG00000022948
8.94	RRM2	ribonucleotide reductase M2	ENSECAG00000007464
8.93	CAPRIN1	cell cycle associated protein 1	ENSECAG00000007147
8.92	CDS2	CDP-diacylglycerol synthase (phosphatidate cytidyltransferase) 2	ENSECAG00000012485
8.89	RER1	RER1 retention in endoplasmic reticulum 1 homolog (S. cerevisiae)	ENSECAG00000010508
8.87	NDUFC1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1, 6kDa	ENSECAG00000021948
8.83	PUF60	poly-U binding splicing factor 60KDa	ENSECAG00000024681

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
8.83	TOB2	transducer of ERBB2, 2	ENSECAG00000001192
8.83	ATP6V1G1	ATPase, H ⁺ transporting, lysosomal 13kDa, V1 subunit G1	ENSECAG000000011155
8.82		Uncharacterized protein	ENSECAG000000016621
8.82	SPAG7	sperm associated antigen 7	ENSECAG000000019845
8.81		Uncharacterized protein	ENSECAG000000011203
8.79	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENSECAG000000022770
8.79	SDF2L1	stromal cell-derived factor 2-like 1	ENSECAG000000022641
8.78	ACAA1	acetyl-CoA acyltransferase 1	ENSECAG000000008613
8.76	MRPL28	mitochondrial ribosomal protein L28	ENSECAG000000022663
8.76		Uncharacterized protein	ENSECAG000000014186
8.76	TMEM208	transmembrane protein 208	ENSECAG000000008478
8.74	MYADM	myeloid-associated differentiation marker	ENSECAG000000001317
8.70	JUP	junction plakoglobin	ENSECAG000000020592
8.68	ATP6AP1	ATPase, H ⁺ transporting, lysosomal accessory protein 1	ENSECAG000000014216
8.66	eca-mir-122	eca-mir-122	ENSECAG000000025298
8.65	DAXX	death-domain associated protein	ENSECAG000000021055
8.64	GPS1	G protein pathway suppressor 1	ENSECAG000000009946
8.64	TMBIM1	transmembrane BAX inhibitor motif containing 1	ENSECAG000000011922
8.63	USP11	ubiquitin specific peptidase 11	ENSECAG000000016603
8.62			ENSECAG000000002748
8.60	SNORD36	Small nucleolar RNA SNORD36	ENSECAG000000025873
8.59	ATP12A	ATPase, H ⁺ /K ⁺ transporting, nongastric, alpha polypeptide	ENSECAG000000017460
8.58	C7orf25	chromosome 7 open reading frame 25	ENSECAG000000002284
8.57	DEDD	death effector domain containing	ENSECAG000000011248
8.57	ELOVL3	ELOVL fatty acid elongase 3	ENSECAG000000023578
8.56	YIF1A	protein YIF1A	ENSECAG000000009235
8.56			ENSECAG000000005817
8.55	CCNB1	cyclin B1	ENSECAG000000015806
8.55	WSB1	WD repeat and SOCS box containing 1	ENSECAG000000016726
8.55	SNORD24	Small nucleolar RNA SNORD24	ENSECAG000000025726

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
8.54	IGFBP2	insulin-like growth factor binding protein 2, 36kDa	ENSECAG00000012058
8.52	ATXN7L3B	ataxin 7-like 3B	ENSECAG00000001807
8.51	COX7A1	cytochrome c oxidase subunit VIIa polypeptide 1 (muscle)	ENSECAG000000011458
8.51	CAP1	CAP, adenylate cyclase-associated protein 1 (yeast)	ENSECAG000000024658
8.50	IDH2	isocitrate dehydrogenase 2 (NADP+), mitochondrial	ENSECAG000000007105
8.49	CDKN2AIP	CDKN2A interacting protein	ENSECAG000000015905
8.49	KIAA2013	KIAA2013	ENSECAG000000014083
8.48	KLHDC2	kelch domain containing 2	ENSECAG000000009997
8.46	EHD1	EH-domain containing 1	ENSECAG000000011638
8.46	IDH3B	isocitrate dehydrogenase 3 (NAD+) beta	ENSECAG000000000261
8.46	FST	Follistatin	ENSECAG000000017783
8.43			ENSECAG000000018747
8.43	SLC35B1	solute carrier family 35, member B1	ENSECAG000000002734
8.43	CTDSP2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2	ENSECAG000000018788
8.42	APRT	adenine phosphoribosyltransferase	ENSECAG000000026808
8.41	TM2D2	TM2 domain containing 2	ENSECAG000000012267
8.40	TBCC	tubulin folding cofactor C	ENSECAG000000020484
8.40	SPINT2	serine peptidase inhibitor, Kunitz type, 2	ENSECAG000000011301
8.40	RAB24	RAB24, member RAS oncogene family	ENSECAG000000024046
8.38	SOX15	SRY (sex determining region Y)-box 15	ENSECAG000000007026
8.36	CORO1B	coronin, actin binding protein, 1B	ENSECAG000000014882
8.35	NSA2	NSA2 ribosome biogenesis homolog (S. cerevisiae)	ENSECAG000000005528
8.35		Uncharacterized protein	ENSECAG000000011198
8.33	ARL4D	ADP-ribosylation factor-like 4D	ENSECAG00000001021
8.33	DAB2	Dab, mitogen-responsive phosphoprotein, homolog 2 (Drosophila)	ENSECAG000000013597
8.31	CS	citrate synthase	ENSECAG000000016568
8.29	NDRG2	NDRG family member 2	ENSECAG000000022950
8.29	QPRT	quinolinate phosphoribosyltransferase	ENSECAG000000009002
8.28	MAZ	MYC-associated zinc finger protein (purine-binding transcription factor)	ENSECAG000000024341

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
8.28	OVCA2	ovarian tumor suppressor candidate 2	ENSECAG00000005329
8.28	HEBP1	heme binding protein 1	ENSECAG00000016911
8.26	LRPAP1	low density lipoprotein receptor-related protein associated protein 1	ENSECAG00000014825
8.25	TIMP2	TIMP metalloproteinase inhibitor 2	ENSECAG00000011834
8.25	SLC9A3R1	solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 1	ENSECAG00000014372
8.25			ENSECAG00000011809
8.25	CENPB	centromere protein B, 80kDa	ENSECAG00000005217
8.25	VDAC1	voltage-dependent anion channel 1	ENSECAG00000012365
8.22	FEN1	flap structure-specific endonuclease 1	ENSECAG00000005344
8.21		Uncharacterized protein	ENSECAG00000003000
8.18	CAPG	capping protein (actin filament), gelsolin-like	ENSECAG00000015128
8.18	MRPL12	mitochondrial ribosomal protein L12	ENSECAG00000009323
8.13	SNRPD2	small nuclear ribonucleoprotein D2 polypeptide 16.5kDa	ENSECAG00000007824
8.11			ENSECAG00000006661
8.11	MGST1	microsomal glutathione S-transferase 1	ENSECAG00000020763
8.10	CCDC71	coiled-coil domain containing 71	ENSECAG00000021792
8.10	KRT7	keratin 7	ENSECAG00000020216
8.09	TCF20	transcription factor 20 (AR1)	ENSECAG00000007477
8.07	G6PD	glucose-6-phosphate dehydrogenase	ENSECAG00000014994
8.07	EIF2S2	eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa	ENSECAG00000019481
8.07	SNRNP70	small nuclear ribonucleoprotein 70kDa (U1)	ENSECAG00000013936
8.04	SLC35A2	solute carrier family 35 (UDP-galactose transporter), member A2	ENSECAG00000000263
8.02	ZFAND5	zinc finger, AN1-type domain 5	ENSECAG00000023826
8.02	EZR	ezrin	ENSECAG00000018333
8.00	TGIF2-C20orf24	TGIF2-C20orf24 readthrough	ENSECAG00000010948
7.99	YPEL5	yippee-like 5 (Drosophila)	ENSECAG00000004025
7.99	HDLBP	high density lipoprotein binding protein	ENSECAG00000012829
7.99	GNL2	guanine nucleotide binding protein-like 2 (nucleolar)	ENSECAG00000008068
7.98		putative equine mast cell protease-1	ENSECAG00000020640

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
7.96	C14orf166	chromosome 14 open reading frame 166	ENSECAG00000012600
7.94	FIBIN	Fin bud initiation factor homolog	ENSECAG00000005106
7.93		Uncharacterized protein	ENSECAG00000000964
7.92	CLPP	ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit homolog (E. coli)	ENSECAG00000023054
7.91	IVL	involucrin	ENSECAG00000017399
7.91	RAB5C	RAB5C, member RAS oncogene family	ENSECAG00000025054
7.91	COPB2	coatamer protein complex, subunit beta 2 (beta prime)	ENSECAG00000015099
7.91	TUSC2	tumor suppressor candidate 2	ENSECAG00000015584
7.90	ARPC1A	actin related protein 2/3 complex, subunit 1A, 41kDa	ENSECAG00000016467
7.88	B3GNT3	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3	ENSECAG00000016435
7.85	FUCA1	fucosidase, alpha-L- 1, tissue	ENSECAG00000024652
7.84	MTA2	metastasis associated 1 family, member 2	ENSECAG00000009847
7.84	PPP4C	protein phosphatase 4, catalytic subunit	ENSECAG00000022179
7.82	GBA2	glucosidase, beta (bile acid) 2	ENSECAG00000000580
7.81	GATSL3	GATS protein-like 3	ENSECAG00000024204
7.81	PBX2	pre-B-cell leukemia homeobox 2	ENSECAG00000003887
7.80	ETF1	eukaryotic translation termination factor 1	ENSECAG00000013041
7.79		Uncharacterized protein	ENSECAG00000020298
7.79	CCDC160	coiled-coil domain containing 160	ENSECAG00000006296
7.78	PHYKPL	5-phosphohydroxy-L-lysine phospho-lyase	ENSECAG00000013232
7.77	PAFAH1B3	platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 (29kDa)	ENSECAG00000010970
7.77	FAM96B	family with sequence similarity 96, member B	ENSECAG00000010902
7.76	PRSS23	protease, serine, 23	ENSECAG00000005563
7.75	ANXA5	annexin A5	ENSECAG00000006429
7.74	SPCS3	signal peptidase complex subunit 3 homolog (S. cerevisiae)	ENSECAG00000016480
7.73	SERPINB6	serpin peptidase inhibitor, clade B (ovalbumin), member 6	ENSECAG00000015966
7.73	CD151	CD151 molecule (Raph blood group)	ENSECAG00000012618
7.72		Uncharacterized protein	ENSECAG00000026994
7.71	PJA1	praja ring finger 1, E3 ubiquitin protein ligase	ENSECAG00000005065
7.71	MFSD3	major facilitator superfamily domain containing 3	ENSECAG00000016677

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
7.67	NENF	neudesin neurotrophic factor	ENSECAG00000014943
7.64	LPAR2	lysophosphatidic acid receptor 2	ENSECAG00000009148
7.64	LAPTM4A	lysosomal protein transmembrane 4 alpha	ENSECAG00000016674
7.61	MEPCE	methylphosphate capping enzyme	ENSECAG00000024124
7.60	HAX1	HCLS1 associated protein X-1	ENSECAG00000027002
7.60	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide	ENSECAG00000014740
7.58	QDPR	quinoid dihydropteridine reductase	ENSECAG00000005662
7.58	ASNSD1	asparagine synthetase domain containing 1	ENSECAG00000024547
7.58	EIF4B	eukaryotic translation initiation factor 4B	ENSECAG00000024091
7.57	AIMP2	aminoacyl tRNA synthetase complex-interacting multifunctional protein 2	ENSECAG00000000053
7.57	ODF3B	outer dense fiber of sperm tails 3B	ENSECAG00000010296
7.57	UBE2I	ubiquitin-conjugating enzyme E2I	ENSECAG00000015831
7.57	DHPS	deoxyhypusine synthase	ENSECAG00000009177
7.55			ENSECAG00000015257
7.55	ANKLE1	ankyrin repeat and LEM domain containing 1	ENSECAG00000000781
7.55	COL3A1	collagen, type III, alpha 1	ENSECAG00000024769
7.54	TP53	cellular tumor antigen p53	ENSECAG00000008126
7.54	UBE2Q1	ubiquitin-conjugating enzyme E2Q family member 1	ENSECAG00000016647
7.53	RAC3	ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)	ENSECAG00000014115
7.53	CTGF	connective tissue growth factor	ENSECAG00000016610
7.53	STARD5	StAR-related lipid transfer (START) domain containing 5	ENSECAG00000021812
7.51	SNORD56	Small nucleolar RNA SNORD56	ENSECAG00000025980
7.51			ENSECAG00000018115
7.50			ENSECAG00000007457
7.49	TMEM70	transmembrane protein 70	ENSECAG00000000007
7.49		Uncharacterized protein	ENSECAG00000000612
7.46	FLNA	filamin A, alpha	ENSECAG00000009550
7.45	ARPP19	cAMP-regulated phosphoprotein, 19kDa	ENSECAG00000020240

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
7.45	CIB1	calcium and integrin binding 1 (calmyrin)	ENSECAG00000018203
7.45			ENSECAG000000021970
7.43	IFIT5	interferon-induced protein with tetratricopeptide repeats 5	ENSECAG000000004349
7.43	snoZ17	Small nucleolar RNA Z17	ENSECAG000000026386
7.43	41806	Uncharacterized protein	ENSECAG000000000500
7.42	LAMTOR1	late endosomal/lysosomal adaptor, MAPK and MTOR activator 1	ENSECAG000000022080
7.41	RAP1B	RAP1B, member of RAS oncogene family	ENSECAG000000004651
7.39	ALG2	ALG2, alpha-1,3/1,6-mannosyltransferase	ENSECAG000000011920
7.39	ACAT1	acetyl-CoA acetyltransferase 1	ENSECAG000000020128
7.39	SCAMP3	secretory carrier membrane protein 3	ENSECAG000000014133
7.35	VPS25	vacuolar protein sorting 25 homolog (S. cerevisiae)	ENSECAG000000026807
7.35	SNORA74	Small nucleolar RNA SNORA74	ENSECAG000000025989
7.34	EIF6	eukaryotic translation initiation factor 6	ENSECAG000000010701
7.34	FADS2	fatty acid desaturase 2	ENSECAG000000024650
7.34	POP5	processing of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae)	ENSECAG000000010012
7.34	ISCA1	iron-sulfur cluster assembly 1 homolog (S. cerevisiae)	ENSECAG000000011465
7.33	SEC61B	Sec61 beta subunit	ENSECAG000000026930
7.33	PDCD5	programmed cell death 5	ENSECAG000000019406
7.32	PRPF19	pre-mRNA processing factor 19	ENSECAG000000007322
7.31	MRPS26	mitochondrial ribosomal protein S26	ENSECAG000000008620
7.31	snoZ30	Z30 small nucleolar RNA	ENSECAG000000025636
7.31	TMX1	thioredoxin-related transmembrane protein 1	ENSECAG000000003592
7.30		Uncharacterized protein	ENSECAG000000026907
7.30	CTDNBP1	CTD nuclear envelope phosphatase 1	ENSECAG000000006787
7.30	RPL21	ribosomal protein L21	ENSECAG000000010661
7.28		Uncharacterized protein	ENSECAG000000001003
7.28	RNF5	ring finger protein 5, E3 ubiquitin protein ligase	ENSECAG000000015693
7.28	RAB34	RAB34, member RAS oncogene family	ENSECAG000000007212
7.28	LAMP2	lysosomal-associated membrane protein 2	ENSECAG000000018467
7.28	C11orf58	chromosome 11 open reading frame 58	ENSECAG000000011778

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
7.27	GANAB	glucosidase, alpha, neutral AB	ENSECAG00000014477
7.25	ARRDC1	arrestin domain containing 1	ENSECAG00000013420
7.25	SNORA32	Small nucleolar RNA SNORA32	ENSECAG00000026391
7.24	UQCRC2	ubiquinol-cytochrome c reductase core protein II	ENSECAG00000021501
7.24			ENSECAG00000019753
7.23	PSMC4	proteasome (prosome, macropain) 26S subunit, ATPase, 4	ENSECAG00000014779
7.23	UBE2S	ubiquitin-conjugating enzyme E2S	ENSECAG00000026960
7.22	ISG20L2	interferon stimulated exonuclease gene 20kDa-like 2	ENSECAG00000015891
7.22	ALDH18A1	aldehyde dehydrogenase 18 family, member A1	ENSECAG00000016847
7.22	CETN2	centrin, EF-hand protein, 2	ENSECAG00000000796
7.21	GJA1	gap junction protein, alpha 1, 43kDa	ENSECAG00000005525
7.20	KPNA2	karyopherin alpha 2 (RAG cohort 1, importin alpha 1)	ENSECAG00000020573
7.20	FAM63A	family with sequence similarity 63, member A	ENSECAG00000009096
7.19	RNF123	ring finger protein 123	ENSECAG00000022815
7.19	MIS12	MIS12 kinetochore complex component	ENSECAG00000002238
7.19	ARL6IP4	ADP-ribosylation-like factor 6 interacting protein 4	ENSECAG00000023197
7.18	NDUFA8	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa	ENSECAG00000023040
7.18	AURKC	aurora kinase C	ENSECAG00000021736
7.17	TFG	TRK-fused gene	ENSECAG00000020575
7.17			ENSECAG00000022993
7.17	VHLL	von Hippel-Lindau tumor suppressor-like	ENSECAG00000004841
7.17	SNORD28	Small nucleolar RNA SNORD28	ENSECAG00000025264
7.15	ATP6AP2	ATPase, H+ transporting, lysosomal accessory protein 2	ENSECAG00000019889
7.15	SOWAHB	sosondowah ankyrin repeat domain family member B	ENSECAG00000002523
7.15	ATP1B3	ATPase, Na+/K+ transporting, beta 3 polypeptide	ENSECAG00000019885
7.14	IGFBP3	insulin-like growth factor binding protein 3	ENSECAG00000018104
7.14	ATG9B	autophagy related 9B	ENSECAG00000006591
7.13	UAP1L1	UDP-N-acetylglucosamine pyrophosphorylase 1-like 1	ENSECAG00000021012
7.13	PSMB3	proteasome (prosome, macropain) subunit, beta type, 3	ENSECAG00000000987
7.13	KDELR1	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1	ENSECAG00000012699

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
7.13		Uncharacterized protein	ENSECAG00000014193
7.12	IRS1	insulin receptor substrate 1	ENSECAG00000007393
7.12	RAB7A	RAB7A, member RAS oncogene family	ENSECAG00000012559
7.11	snosnR60_Z15	Small nucleolar RNA snR60/Z15/Z230/Z193/J17	ENSECAG00000025935
7.10	IFRD1	interferon-related developmental regulator 1	ENSECAG00000009921
7.09	ITM2A	integral membrane protein 2A	ENSECAG00000011335
7.09	MMADHC	methylmalonic aciduria (cobalamin deficiency) cblD type, with homocystinuria	ENSECAG00000014503
7.09	SYCE2	synaptonemal complex central element protein 2	ENSECAG00000012408
7.08	FKBP8	FK506 binding protein 8, 38kDa	ENSECAG00000012306
7.07	ZNF207	zinc finger protein 207	ENSECAG00000017464
7.06	ACD	adrenocortical dysplasia homolog (mouse)	ENSECAG00000020293
7.06	EIF4H	eukaryotic translation initiation factor 4H	ENSECAG00000017832
7.06	HDHD1	haloacid dehalogenase-like hydrolase domain containing 1	ENSECAG00000009014
7.05	TTC36	tetratricopeptide repeat domain 36	ENSECAG00000007348
7.05	MYL3	myosin, light chain 3, alkali, ventricular, skeletal, slow	ENSECAG00000017410
7.04	PSMB1	proteasome (prosome, macropain) subunit, beta type, 1	ENSECAG00000021637
7.04	C22orf39	chromosome 22 open reading frame 39	ENSECAG00000004752
7.04	COPE	coatamer protein complex, subunit epsilon	ENSECAG00000024390
7.04	GCGR	glucagon receptor	ENSECAG00000009806
7.03			ENSECAG00000003378
7.03	PITHD1	PITH (C-terminal proteasome-interacting domain of thioredoxin-like) domain containing 1	ENSECAG00000017545
7.02	NACC1	nucleus accumbens associated 1, BEN and BTB (POZ) domain containing	ENSECAG00000015051
7.02	APIP	APAF1 interacting protein	ENSECAG00000006357
7.01	C19orf60	chromosome 19 open reading frame 60	ENSECAG00000021433
7.01	RPL26L1	ribosomal protein L26-like 1	ENSECAG00000000869
7.01		Uncharacterized protein	ENSECAG00000002695
7.01	SNRPD1	small nuclear ribonucleoprotein D1 polypeptide 16kDa	ENSECAG00000014373
7.00	RAB1A	RAB1A, member RAS oncogene family	ENSECAG00000009926
7.00	CCNI	cyclin I	ENSECAG00000020161

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
7.00	TRIML2	tripartite motif family-like 2	ENSECAG00000012450
6.99			ENSECAG00000016393
6.97	COMTD1	catechol-O-methyltransferase domain containing 1	ENSECAG00000012473
6.96	ARPC4	actin related protein 2/3 complex, subunit 4, 20kDa	ENSECAG00000012891
6.95	ERGIC3	ERGIC and golgi 3	ENSECAG00000012171
6.94	SLC30A1	solute carrier family 30 (zinc transporter), member 1	ENSECAG00000003051
6.93	HTRA2	HtrA serine peptidase 2	ENSECAG00000000517
6.93	ETFB	electron-transfer-flavoprotein, beta polypeptide	ENSECAG00000015091
6.93	BCAM	basal cell adhesion molecule (Lutheran blood group)	ENSECAG00000018814
6.93	DDX17	DEAD (Asp-Glu-Ala-Asp) box helicase 17	ENSECAG00000025110
6.93			ENSECAG00000007614
6.92	BLOC1S4	biogenesis of lysosomal organelles complex-1, subunit 4, cappuccino	ENSECAG00000003954
6.92	SERPINB1	Leukocyte elastase inhibitor	ENSECAG00000009896
6.91	SLC40A1	solute carrier family 40 (iron-regulated transporter), member 1	ENSECAG00000021609
6.90		Uncharacterized protein	ENSECAG00000002462
6.89	MRPL9	mitochondrial ribosomal protein L9	ENSECAG00000016263
6.89	NDNL2	necdin-like 2	ENSECAG00000011543
6.88	PNN	pinin, desmosome associated protein	ENSECAG00000011899
6.88	SMS	spermine synthase	ENSECAG00000017447
6.88	FADS3	fatty acid desaturase 3	ENSECAG00000024915
6.87	MRPL53	mitochondrial ribosomal protein L53	ENSECAG00000026983
6.87	CDK5RAP3	CDK5 regulatory subunit associated protein 3	ENSECAG00000018688
6.87	DNAJC4	DnaJ (Hsp40) homolog, subfamily C, member 4	ENSECAG00000010415
6.87	NDUFA2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa	ENSECAG00000023131
6.87	NDN	necdin, melanoma antigen (MAGE) family member	ENSECAG00000001491
6.87	KXD1	KxDL motif containing 1	ENSECAG00000020539
6.87	GLTPD2	glycolipid transfer protein domain containing 2	ENSECAG00000016414
6.86	DCTN2	dynactin 2 (p50)	ENSECAG00000022334
6.86		Uncharacterized protein	ENSECAG00000026992
6.85	S100A1	S100 calcium binding protein A1	ENSECAG00000022939

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
6.85	PPP1CC	protein phosphatase 1, catalytic subunit, gamma isozyme	ENSECAG00000017228
6.84	RNPS1	RNA binding protein S1, serine-rich domain	ENSECAG00000023288
6.81	PRSS36	protease, serine, 36	ENSECAG00000010439
6.81	ARMCX3	armadillo repeat containing, X-linked 3	ENSECAG00000001648
6.81		Uncharacterized protein	ENSECAG00000002043
6.80	MYCN	v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog	ENSECAG00000002896
6.80	MRPL55	mitochondrial ribosomal protein L55	ENSECAG00000019642
6.79		Uncharacterized protein	ENSECAG00000023393
6.79	AP1S1	adaptor-related protein complex 1, sigma 1 subunit	ENSECAG00000010983
6.79	CDC42EP2	CDC42 effector protein (Rho GTPase binding) 2	ENSECAG00000006867
6.79			ENSECAG00000017887
6.79	GPANK1	G patch domain and ankyrin repeats 1	ENSECAG00000019093
6.78	VAPA	VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa	ENSECAG00000008769
6.78	ID1	inhibitor of DNA binding 1, dominant negative helix-loop-helix protein	ENSECAG00000013730
6.76	NELFCD	negative elongation factor complex member C/D	ENSECAG00000016334
6.75	SCNM1	sodium channel modifier 1	ENSECAG00000023965
6.75	GPS2	G protein pathway suppressor 2	ENSECAG00000010635
6.74		Uncharacterized protein	ENSECAG00000012560
6.73	DDR1	discoidin domain receptor tyrosine kinase 1	ENSECAG00000018474
6.73	EMB	embigin	ENSECAG00000000794
6.73	BABAM1	BRISC and BRCA1 A complex member 1	ENSECAG00000017099
6.73	GPR174	G protein-coupled receptor 174	ENSECAG00000003565
6.72	RNF146	ring finger protein 146	ENSECAG00000020445
6.72	PABPC4	poly(A) binding protein, cytoplasmic 4 (inducible form)	ENSECAG00000009396
6.72	ITPKA	inositol-trisphosphate 3-kinase A	ENSECAG00000018981
6.72	FASTKD5	FAST kinase domains 5	ENSECAG00000005271
6.72			ENSECAG00000002377
6.72	FAM32A	family with sequence similarity 32, member A	ENSECAG00000017554
6.71	MPP1	membrane protein, palmitoylated 1, 55kDa	ENSECAG00000009595
6.71	PLLP	plasmolipin	ENSECAG00000018044

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
6.71	POLR2H	polymerase (RNA) II (DNA directed) polypeptide H	ENSECAG00000005828
6.70	UXT	ubiquitously-expressed, prefoldin-like chaperone	ENSECAG000000013253
6.70	FOXO4	forkhead box O4	ENSECAG000000015262
6.68	FAM134A	family with sequence similarity 134, member A	ENSECAG000000013944
6.67	PRMT6	protein arginine methyltransferase 6	ENSECAG000000003427
6.67		Glutathione S-transferase	ENSECAG000000018139
6.66		Uncharacterized protein	ENSECAG000000001514
6.65	ARFIP2	ADP-ribosylation factor interacting protein 2	ENSECAG000000019888
6.65	NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	ENSECAG000000010336
6.65	PSMA6	proteasome (prosome, macropain) subunit, alpha type, 6	ENSECAG000000022437
6.64	ZBTB9	zinc finger and BTB domain containing 9	ENSECAG000000001767
6.63	KRT84	keratin 84	ENSECAG000000001908
6.63	CLK1	CDC-like kinase 1	ENSECAG000000015355
6.62	ARPC1B	actin related protein 2/3 complex, subunit 1B, 41kDa	ENSECAG000000024991
6.61	ADIPOR1	adiponectin receptor 1	ENSECAG000000009624
6.59	PLXNB2	plexin B2	ENSECAG000000019242
6.59	FASN	fatty acid synthase	ENSECAG000000019125
6.58	ACTC1	actin, alpha, cardiac muscle 1	ENSECAG000000013022
6.58	BET1L	Bet1 golgi vesicular membrane trafficking protein-like	ENSECAG000000006525
6.58	FOXA3	forkhead box A3	ENSECAG000000005936
6.58	NDOR1	NADPH dependent diflavin oxidoreductase 1	ENSECAG000000023940
6.56	MTCH1	mitochondrial carrier 1	ENSECAG000000024883
6.55	ARL1	ADP-ribosylation factor-like 1	ENSECAG000000000372
6.55	THAP11	THAP domain containing 11	ENSECAG000000006431
6.55	SERTAD3	SERTA domain containing 3	ENSECAG000000005699
6.55	SNRPB	small nuclear ribonucleoprotein polypeptides B and B1	ENSECAG000000011944
6.55	TSTD1	thiosulfate sulfurtransferase (rhodanese)-like domain containing 1	ENSECAG000000000506
6.55	GLT8D1	glycosyltransferase 8 domain containing 1	ENSECAG000000000410
6.55	SLIRP	SRA stem-loop interacting RNA binding protein	ENSECAG000000000712
6.54	MRPS7	mitochondrial ribosomal protein S7	ENSECAG000000021867

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
6.53	RPL5	ribosomal protein L5	ENSECAG00000002687
6.53		Uncharacterized protein	ENSECAG000000022794
6.51	APLP2	amyloid beta (A4) precursor-like protein 2	ENSECAG000000021265
6.51	HSD17B8	hydroxysteroid (17-beta) dehydrogenase 8	ENSECAG000000010996
6.51	FUCA2	fucosidase, alpha-L- 2, plasma	ENSECAG000000006197
6.50	LEAP2	liver expressed antimicrobial peptide 2	ENSECAG000000020923
6.49		Uncharacterized protein	ENSECAG000000016351
6.49	MRPS33	mitochondrial ribosomal protein S33	ENSECAG000000013649
6.48			ENSECAG000000024884
6.48	RWDD2A	RWD domain containing 2A	ENSECAG000000024338
6.48		Uncharacterized protein	ENSECAG000000001012
6.47	SF3B2	splicing factor 3b, subunit 2, 145kDa	ENSECAG000000024461
6.47	EXOSC4	exosome component 4	ENSECAG000000013658
6.46	PIGT	phosphatidylinositol glycan anchor biosynthesis, class T	ENSECAG000000007294
6.46	MAD2L2	MAD2 mitotic arrest deficient-like 2 (yeast)	ENSECAG000000006087
6.46		Uncharacterized protein	ENSECAG000000019726
6.46	HENMT1	HEN1 methyltransferase homolog 1 (Arabidopsis)	ENSECAG000000006636
6.44	NAA10	N(alpha)-acetyltransferase 10, NatA catalytic subunit	ENSECAG000000015203
6.43	PTGES2	prostaglandin E synthase 2	ENSECAG000000016744
6.43	SCD	stearoyl-CoA desaturase (delta-9-desaturase)	ENSECAG000000014658
6.42	PSMA1	proteasome (prosome, macropain) subunit, alpha type, 1	ENSECAG000000024086
6.41	SDCBP	syndecan binding protein (syntenin)	ENSECAG000000015053
6.40	GSPT1	G1 to S phase transition 1	ENSECAG000000021195
6.40	RNF26	ring finger protein 26	ENSECAG000000006124
6.39	SAP30	Sin3A-associated protein, 30kDa	ENSECAG000000009676
6.38	ZNF511	zinc finger protein 511	ENSECAG000000018610
6.37	YBX3	Y box binding protein 3	ENSECAG000000013777
6.36	SNX5	sorting nexin 5	ENSECAG000000017202
6.35		Uncharacterized protein	ENSECAG000000003934
6.35	GLRX5	glutaredoxin 5	ENSECAG000000019957

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
6.35	DCXR	dicarbonyl/L-xylulose reductase	ENSECAG00000009805
6.35	SEPX1	selenoprotein X, 1	ENSECAG00000023347
6.35	NOL7	nucleolar protein 7, 27kDa	ENSECAG00000000187
6.34	STT3A	STT3A, subunit of the oligosaccharyltransferase complex (catalytic)	ENSECAG00000022687
6.34	CXCL10	C-X-C motif chemokine 10	ENSECAG00000013300
6.33	SLC39A1	solute carrier family 39 (zinc transporter), member 1	ENSECAG00000020739
6.33	IRX4	iroquois homeobox 4	ENSECAG00000017403
6.33	COX7A2L	cytochrome c oxidase subunit VIIa polypeptide 2 like	ENSECAG00000000584
6.33	BAG5	BCL2-associated athanogene 5	ENSECAG00000006244
6.32	MB21D2	Mab-21 domain containing 2	ENSECAG00000004811
6.31	NPRL2	nitrogen permease regulator-like 2 (S. cerevisiae)	ENSECAG00000022604
6.31	ARPC5L	actin related protein 2/3 complex, subunit 5-like	ENSECAG00000009791
6.30	UCKL1	uridine-cytidine kinase 1-like 1	ENSECAG00000007236
6.29	FABP1	fatty acid binding protein 1, liver	ENSECAG00000015990
6.28	SNORA73	Small nucleolar RNA SNORA73 family	ENSECAG00000025459
6.28			ENSECAG00000011378
6.27	SNORD58	Small nucleolar RNA SNORD58	ENSECAG00000026597
6.27	RAC1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	ENSECAG00000009727
6.27	BLVRB	biliverdin reductase B (flavin reductase (NADPH))	ENSECAG00000000697
6.27	KRCC1	lysine-rich coiled-coil 1	ENSECAG00000000371
6.26	NDUFB2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2, 8kDa	ENSECAG00000000877
6.26	FAM166A	family with sequence similarity 166, member A	ENSECAG00000006272
6.25	TRMT10C	tRNA methyltransferase 10 homolog C (S. cerevisiae)	ENSECAG00000001533
6.24	JMJD8	jumonji domain containing 8	ENSECAG00000014208
6.24	PLA2G10	phospholipase A2, group X	ENSECAG00000016608
6.24	ZFYVE21	zinc finger, FYVE domain containing 21	ENSECAG00000016309
6.24	TPM3	tropomyosin 3	ENSECAG00000010942
6.23	NUDT22	nudix (nucleoside diphosphate linked moiety X)-type motif 22	ENSECAG00000009994
6.23	TMEM66	transmembrane protein 66	ENSECAG00000022913

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
6.23	PEX19	peroxisomal biogenesis factor 19	ENSECAG00000024673
6.22	CHTOP	chromatin target of PRMT1	ENSECAG00000020889
6.22	YWHAE	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	ENSECAG00000009536
6.21	HPD	4-hydroxyphenylpyruvate dioxygenase	ENSECAG00000011561
6.21	ELF3	E74-like factor 3 (ets domain transcription factor, epithelial-specific)	ENSECAG00000014608
6.21	ZBED4	zinc finger, BED-type containing 4	ENSECAG00000001385
6.21	NDUFS1	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase)	ENSECAG00000015914
6.21	SNORD34	Small nucleolar RNA SNORD34	ENSECAG00000027278
6.20	OCIAD1	OCIA domain containing 1	ENSECAG00000024976
6.20	AVPI1	arginine vasopressin-induced 1	ENSECAG00000008293
6.19	PHKG2	phosphorylase kinase, gamma 2 (testis)	ENSECAG00000002306
6.19	IDH3G	isocitrate dehydrogenase 3 (NAD+) gamma	ENSECAG00000018509
6.18	DAD1	defender against cell death 1	ENSECAG00000000577
6.18	DLX5	distal-less homeobox 5	ENSECAG00000019565
6.15	EIF4A3	eukaryotic translation initiation factor 4A3	ENSECAG00000015925
6.14	SHMT2	serine hydroxymethyltransferase 2 (mitochondrial)	ENSECAG00000021295
6.14	ZNF593	zinc finger protein 593	ENSECAG00000023934
6.14	NEDD8	neural precursor cell expressed, developmentally down-regulated 8	ENSECAG00000019307
6.14	TRAM1	translocation associated membrane protein 1	ENSECAG00000018378
6.13	CRLF1	cytokine receptor-like factor 1	ENSECAG00000023854
6.12	VPS29	vacuolar protein sorting 29 homolog (S. cerevisiae)	ENSECAG00000008902
6.11	MRPL18	mitochondrial ribosomal protein L18	ENSECAG00000012515
6.10	ZNF114	zinc finger protein 114	ENSECAG00000009283
6.09	CLTA	clathrin light chain A	ENSECAG00000012884
6.09	GLTSCR2	glioma tumor suppressor candidate region gene 2	ENSECAG00000026850
6.09	HIST1H2BD	histone cluster 1, H2bd	ENSECAG00000007321
6.08	GNPDA1	glucosamine-6-phosphate deaminase 1	ENSECAG00000023055
6.08	SS18L2	synovial sarcoma translocation gene on chromosome 18-like 2	ENSECAG00000000592

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
6.07	NDUFS7	NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (NADH-coenzyme Q reductase)	ENSECAG00000000402
6.07			ENSECAG00000000248
6.07	COPG1	coatomer protein complex, subunit gamma 1	ENSECAG00000000124
6.06	NUDT2	nudix (nucleoside diphosphate linked moiety X)-type motif 2	ENSECAG000000011552
6.06	WDR1	WD repeat domain 1	ENSECAG000000018435
6.05	RCE1	RCE1 homolog, prenyl protein protease (<i>S. cerevisiae</i>)	ENSECAG000000024846
6.05	EGLN2	egl nine homolog 2 (<i>C. elegans</i>)	ENSECAG000000001627
6.05	MAN1A1	mannosidase, alpha, class 1A, member 1	ENSECAG000000021301
6.04	ARL6IP1	ADP-ribosylation factor-like 6 interacting protein 1	ENSECAG000000018811
6.04	FABP7	fatty acid binding protein 7, brain	ENSECAG000000022399
6.03	LGMN	legumain	ENSECAG000000010227
6.03	HSPA9	stress-70 protein, mitochondrial	ENSECAG000000007513
6.03	SNORD44	Small nucleolar RNA SNORD44	ENSECAG000000025728
6.02	SMARCE1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1	ENSECAG000000022534
6.02	U2AF1	U2 small nuclear RNA auxiliary factor 1	ENSECAG000000015558
6.01	FKBP11	FK506 binding protein 11, 19 kDa	ENSECAG000000006658
6.01	RABIF	RAB interacting factor	ENSECAG000000005604
6.00		Uncharacterized protein	ENSECAG000000006088
6.00	UBE2T	ubiquitin-conjugating enzyme E2T (putative)	ENSECAG000000020448
5.99	PRPF8	pre-mRNA processing factor 8	ENSECAG000000021318
5.98		Uncharacterized protein	ENSECAG000000005195
5.98	TRIP10	thyroid hormone receptor interactor 10	ENSECAG000000017817
5.97	CHMP4A	charged multivesicular body protein 4A	ENSECAG000000017006
5.97		Uncharacterized protein	ENSECAG000000005359
5.96	TIMM50	translocase of inner mitochondrial membrane 50 homolog (<i>S. cerevisiae</i>)	ENSECAG000000001235
5.96	PGM3	phosphoglucosmutase 3	ENSECAG000000023967
5.95		Uncharacterized protein	ENSECAG000000017849
5.95	MRPL43	mitochondrial ribosomal protein L43	ENSECAG000000020123

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
5.95		Uncharacterized protein	ENSECAG00000010711
5.94	LGALS3	lectin, galactoside-binding, soluble, 3	ENSECAG00000006474
5.92	ECM1	extracellular matrix protein 1	ENSECAG00000008545
5.91		Uncharacterized protein	ENSECAG00000010436
5.91	DHRS7	dehydrogenase/reductase (SDR family) member 7	ENSECAG00000011422
5.91	GGACT	gamma-glutamylamine cyclotransferase	ENSECAG00000003199
5.91		Histone H2B	ENSECAG00000008084
5.90	LAMTOR5	late endosomal/lysosomal adaptor, MAPK and MTOR activator 5	ENSECAG00000021821
5.90	UGP2	UDP-glucose pyrophosphorylase 2	ENSECAG00000016705
5.89	ABCG2	ATP-binding cassette, sub-family G (WHITE), member 2	ENSECAG00000009773
5.88	NREP	neuronal regeneration related protein	ENSECAG00000015637
5.87	SEC61A1	Sec61 alpha 1 subunit (<i>S. cerevisiae</i>)	ENSECAG00000013475
5.87	PLOD3	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3	ENSECAG00000021913
5.87	CERS5	ceramide synthase 5	ENSECAG00000007356
5.86	FZD2	frizzled family receptor 2	ENSECAG00000017678
5.85	METTL12	methyltransferase like 12	ENSECAG00000017322
5.85		Uncharacterized protein	ENSECAG00000009286
5.84	SOWAHC	soosondowah ankyrin repeat domain family member C	ENSECAG00000006753
5.83	PHLDA1	pleckstrin homology-like domain, family A, member 1	ENSECAG00000001900
5.83		Uncharacterized protein	ENSECAG00000015618
5.82	PPT2	palmitoyl-protein thioesterase 2	ENSECAG00000017868
5.82		Uncharacterized protein	ENSECAG00000004567
5.81	FLOT1	flotillin 1	ENSECAG00000022083
5.81			ENSECAG00000027336
5.81	snoR38	Small nucleolar RNA R38	ENSECAG00000025962
5.81	B2M	Beta-2-microglobulin	ENSECAG00000000685
5.81	USE1	unconventional SNARE in the ER 1 homolog (<i>S. cerevisiae</i>)	ENSECAG00000018536
5.81	PSMD13	proteasome (prosome, macropain) 26S subunit, non-ATPase, 13	ENSECAG00000003103
5.81			ENSECAG00000017343
5.80	DUSP9	dual specificity phosphatase 9	ENSECAG00000013650

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
5.80	COASY	CoA synthase	ENSECAG00000008468
5.79	MAGEE2	melanoma antigen family E, 2	ENSECAG00000002706
5.78	SLC25A10	solute carrier family 25 (mitochondrial carrier, dicarboxylate transporter), member 10	ENSECAG000000023250
5.77	TMEM127	transmembrane protein 127	ENSECAG000000020980
5.77	G3BP1	GTPase activating protein (SH3 domain) binding protein 1	ENSECAG00000003368
5.77	HNRNPM	heterogeneous nuclear ribonucleoprotein M	ENSECAG000000023868
5.76	MAF	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog	ENSECAG000000018532
5.76	FASTK	Fas-activated serine/threonine kinase	ENSECAG000000014380
5.76	B3GNT2	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2	ENSECAG000000016959
5.75		Uncharacterized protein	ENSECAG000000001065
5.74	ERRFI1	ERBB receptor feedback inhibitor 1	ENSECAG000000017104
5.73	S100A13	S100 calcium binding protein A13	ENSECAG000000024049
5.73	EIF2B2	eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa	ENSECAG000000000332
5.73	LRAT	lecithin retinol acyltransferase (phosphatidylcholine--retinol O-acyltransferase)	ENSECAG000000007711
5.72	KLHDC3	kelch domain containing 3	ENSECAG000000006293
5.72	RBBP7	retinoblastoma binding protein 7	ENSECAG000000019979
5.71			ENSECAG000000003460
5.71	SBDS	Shwachman-Bodian-Diamond syndrome	ENSECAG000000008202
5.71	CYB561A3	cytochrome b561 family, member A3	ENSECAG000000018142
5.70	LCAT	lecithin-cholesterol acyltransferase	ENSECAG000000022392
5.70	RRS1	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	ENSECAG000000004492
5.69	BTD	biotinidase	ENSECAG000000003387
5.69	HIST1H3H	histone cluster 1, H3h	ENSECAG000000006418
5.68	eca-mir-1905c	eca-mir-1905c	ENSECAG000000026667
5.68	41891	septin 9	ENSECAG000000020246
5.66	NMB	neuromedin B	ENSECAG000000008013
5.66	SRRT	serrate RNA effector molecule homolog (Arabidopsis)	ENSECAG000000012292
5.66	RAB1B	RAB1B, member RAS oncogene family	ENSECAG000000008772
5.66	U6atac	U6atac minor spliceosomal RNA	ENSECAG000000025947
5.66	SNORD36	Small nucleolar RNA SNORD36	ENSECAG000000025967

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
5.66	SNRPG	small nuclear ribonucleoprotein polypeptide G	ENSECAG00000019989
5.64	ANKRD39	ankyrin repeat domain 39	ENSECAG00000000103
5.64	ST13	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)	ENSECAG000000015838
5.62	RBBP4	retinoblastoma binding protein 4	ENSECAG000000022784
5.62		Uncharacterized protein	ENSECAG000000009282
5.61	PYGO2	pygopus homolog 2 (Drosophila)	ENSECAG000000015057
5.61	EIF2B5	eukaryotic translation initiation factor 2B, subunit 5 epsilon, 82kDa	ENSECAG000000018745
5.60	C16orf72	chromosome 16 open reading frame 72	ENSECAG000000009430
5.60	AGRN	agrin	ENSECAG000000011798
5.59	COMMD4	COMM domain containing 4	ENSECAG000000014814
5.59	TMEM126A	transmembrane protein 126A	ENSECAG000000010580
5.59	SQLE	squalene epoxidase	ENSECAG000000013998
5.58	ABT1	activator of basal transcription 1	ENSECAG000000006910
5.58	ATP6V1B2	ATPase, H ⁺ transporting, lysosomal 56/58kDa, V1 subunit B2	ENSECAG000000016500
5.58	EPHX3	epoxide hydrolase 3	ENSECAG000000018245
5.58	GPI	glucose-6-phosphate isomerase	ENSECAG000000018093
5.58	MAB21L2	mab-21-like 2 (C. elegans)	ENSECAG000000005046
5.57	HN1	hematological and neurological expressed 1	ENSECAG000000018943
5.57	HERPUD1	homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1	ENSECAG000000011366
5.56	TOPORS	topoisomerase I binding, arginine/serine-rich, E3 ubiquitin protein ligase	ENSECAG000000004655
5.56	SIGIRR	single immunoglobulin and toll-interleukin 1 receptor (TIR) domain	ENSECAG000000022225
5.56	NIP7	NIP7, nucleolar pre-rRNA processing protein	ENSECAG000000024369
5.54	ALDH7A1	aldehyde dehydrogenase 7 family, member A1	ENSECAG000000010547
5.54	DUSP6	dual specificity phosphatase 6	ENSECAG000000010089
5.53			ENSECAG000000009176
5.52	PAF1	Paf1, RNA polymerase II associated factor, homolog (S. cerevisiae)	ENSECAG000000008008
5.52	SUCLG1	succinate-CoA ligase, alpha subunit	ENSECAG000000012979
5.51	ARF4	ADP-ribosylation factor 4	ENSECAG000000005229

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
5.51	GCNT1	beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase	ENSECAG00000020201
5.50	SIVA1	SIVA1, apoptosis-inducing factor	ENSECAG00000007350
5.50	HIF1A	hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	ENSECAG00000015597
5.50	HYOU1	hypoxia up-regulated 1	ENSECAG00000013080
5.50	RMI1	RecQ mediated genome instability 1	ENSECAG00000002456
5.49	TSR1	TSR1, 20S rRNA accumulation, homolog (S. cerevisiae)	ENSECAG00000009114
5.49		Uncharacterized protein	ENSECAG00000003698
5.49	RAB11FIP4	RAB11 family interacting protein 4 (class II)	ENSECAG00000006337
5.48		Uncharacterized protein	ENSECAG00000016784
5.47	COMMD3	COMM domain containing 3	ENSECAG00000021328
5.47	CLP1	cleavage and polyadenylation factor I subunit 1	ENSECAG00000011597
5.47	BGN	Biglycan	ENSECAG00000018717
5.46			ENSECAG00000006904
5.46	LYPLA2	lysophospholipase II	ENSECAG00000010211
5.46	PLEKHJ1	pleckstrin homology domain containing, family J member 1	ENSECAG00000014535
5.46	SF3B1	splicing factor 3b, subunit 1, 155kDa	ENSECAG00000021657
5.46	SNORA64	Small nucleolar RNA SNORA64/SNORA10 family	ENSECAG00000025184
5.45	RPN2	ribophorin II	ENSECAG00000018381
5.45	POLR2C	polymerase (RNA) II (DNA directed) polypeptide C, 33kDa	ENSECAG00000015818
5.44	TIMM17A	translocase of inner mitochondrial membrane 17 homolog A (yeast)	ENSECAG00000021816
5.43		Uncharacterized protein	ENSECAG00000016994
5.43	POLR2F	polymerase (RNA) II (DNA directed) polypeptide F	ENSECAG00000023687
5.43	B4GALT3	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 3	ENSECAG00000022022
5.42		Uncharacterized protein	ENSECAG00000002550
5.41	SLC15A2	solute carrier family 15 (H+/peptide transporter), member 2	ENSECAG00000017315
5.41	SENp8	SUMO/sentrin specific peptidase family member 8	ENSECAG00000003822
5.41	FUOM	fucose mutarotase	ENSECAG00000017649
5.41	ZGPAT	zinc finger, CCCH-type with G patch domain	ENSECAG00000019674
5.40	SF3A2	splicing factor 3a, subunit 2, 66kDa	ENSECAG00000026946

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
5.40	SLC26A6	solute carrier family 26, member 6	ENSECAG00000013120
5.39	ITGB1	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)	ENSECAG00000022498
5.39	MCM4	minichromosome maintenance complex component 4	ENSECAG00000019276
5.39	UBE2V1	ubiquitin-conjugating enzyme E2 variant 1	ENSECAG00000011858
5.38	PEX11A	peroxisomal biogenesis factor 11 alpha	ENSECAG00000010027
5.38	UNC119	unc-119 homolog (C. elegans)	ENSECAG00000011487
5.36	FBXW5	F-box and WD repeat domain containing 5	ENSECAG00000017033
5.36	TINF2	TERF1 (TRF1)-interacting nuclear factor 2	ENSECAG00000013791
5.35	IRX2	iroquois homeobox 2	ENSECAG00000015758
5.34		Sulfurtransferase	ENSECAG00000024361
5.34	EIF2B4	eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa	ENSECAG00000018076
5.34	MRPS23	mitochondrial ribosomal protein S23	ENSECAG00000012333
5.34	FAM122A	family with sequence similarity 122A	ENSECAG00000003116
5.34	NAA50	N(alpha)-acetyltransferase 50, NatE catalytic subunit	ENSECAG00000023208
5.33	METTL9	methyltransferase like 9	ENSECAG00000018034
5.32	HYPK	huntingtin interacting protein K	ENSECAG00000008992
5.32	SNCAIP	synuclein, alpha interacting protein	ENSECAG00000012686
5.32	ASNA1	arsA arsenite transporter, ATP-binding, homolog 1 (bacterial)	ENSECAG00000007103
5.31	KRT75	keratin 75	ENSECAG00000009991
5.31	TBCB	tubulin folding cofactor B	ENSECAG00000008007
5.30	LEPROT	leptin receptor overlapping transcript	ENSECAG00000016346
5.30	TMED7	transmembrane emp24 domain-containing protein 7	ENSECAG00000012844
5.30	WBSCR22	Williams Beuren syndrome chromosome region 22	ENSECAG00000012489
5.29	INO80B	INO80 complex subunit B	ENSECAG00000010193
5.29	TPBG	trophoblast glycoprotein	ENSECAG00000003170
5.29	ATP6V1E1	ATPase, H ⁺ transporting, lysosomal 31kDa, V1 subunit E1	ENSECAG00000016487
5.29	CDK2AP2	cyclin-dependent kinase 2 associated protein 2	ENSECAG00000020079
5.27	FBP1	fructose-1,6-bisphosphatase 1	ENSECAG00000021586
5.27	SERPINF1	pigment epithelium-derived factor	ENSECAG00000022279

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
5.26	ATP6V1D	ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D	ENSECAG00000017556
5.26	CANT1	calcium activated nucleotidase 1	ENSECAG00000023633
5.25	IFIT1	interferon-induced protein with tetratricopeptide repeats 1	ENSECAG00000004433
5.25	snoZ40	Small nucleolar RNA Z40	ENSECAG00000025331
5.24	COPB1	coatamer protein complex, subunit beta 1	ENSECAG00000021898
5.24	ACP5	Acid phosphatase type 5, Uncharacterized protein	ENSECAG00000012113
5.23	PMPCA	peptidase (mitochondrial processing) alpha	ENSECAG00000022206
5.23	TMEM254	transmembrane protein 254	ENSECAG00000013627
5.22	ZNF22	zinc finger protein 22	ENSECAG00000003034
5.22	RHNO1	RAD9-HUS1-RAD1 interacting nuclear orphan 1	ENSECAG00000003634
5.22	FKBP3	FK506 binding protein 3, 25kDa	ENSECAG00000018299
5.20	CREG1	cellular repressor of E1A-stimulated genes 1	ENSECAG00000024138
5.20	MYO1C	myosin IC	ENSECAG00000012020
5.20			ENSECAG00000001439
5.19	MSTO1	misato homolog 1 (Drosophila)	ENSECAG00000008798
5.19	EWSR1	EWS RNA-binding protein 1	ENSECAG00000022120
5.19	IFNGR1	interferon gamma receptor 1	ENSECAG00000009347
5.19	RHOD	ras homolog family member D	ENSECAG00000025032
5.19	S100P	S100 calcium binding protein P	ENSECAG00000023992
5.18	TMEM55B	transmembrane protein 55B	ENSECAG00000010754
5.18	KCNV1	potassium channel, subfamily V, member 1	ENSECAG00000019378
5.16	EMC9	ER membrane protein complex subunit 9	ENSECAG00000016944
5.16	FADS1	fatty acid desaturase 1	ENSECAG00000023280
5.16		Uncharacterized protein	ENSECAG00000000928
5.16	TMEM92	transmembrane protein 92	ENSECAG00000012367
5.15	IRF3	interferon regulatory factor 3	ENSECAG00000018265
5.15	eca-mir-130b	eca-mir-130b	ENSECAG00000025476
5.15	PDCL3	phosducin-like 3	ENSECAG00000015752
5.15			ENSECAG00000026851
5.14		Uncharacterized protein	ENSECAG00000021189

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
5.14		Uncharacterized protein	ENSECAG00000010987
5.14	NGRN	neugrin, neurite outgrowth associated	ENSECAG00000012706
5.14	SNORD65	Small nucleolar RNA SNORD65	ENSECAG00000026434
5.13	WBP1	WW domain binding protein 1	ENSECAG00000008519
5.13	C1orf64	chromosome 1 open reading frame 64	ENSECAG00000024814
5.13	MRPL27	mitochondrial ribosomal protein L27	ENSECAG00000016779
5.13	LMAN2	lectin, mannose-binding 2	ENSECAG00000012337
5.13	ARPC5	actin related protein 2/3 complex, subunit 5, 16kDa	ENSECAG00000019128
5.12	ZNF518B	zinc finger protein 518B	ENSECAG00000002606
5.11	COQ7	coenzyme Q7 homolog, ubiquinone (yeast)	ENSECAG00000021990
5.11	SLC25A39	solute carrier family 25, member 39	ENSECAG00000011004
5.11	CDC42SE1	CDC42 small effector 1	ENSECAG00000022023
5.10			ENSECAG00000003658
5.09	GATA3	GATA binding protein 3	ENSECAG00000024574
5.09	SLITRK6	SLIT and NTRK-like family, member 6	ENSECAG00000013429
5.08			ENSECAG00000023737
5.08	PAFAH1B1	platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 (45kDa)	ENSECAG00000014291
5.07	SELM	selenoprotein M	ENSECAG00000016185
5.07		Uncharacterized protein	ENSECAG00000013541
5.07	B4GALT4	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 4	ENSECAG00000013334
5.06	AK2	adenylate kinase 2	ENSECAG00000023800
5.06	ALDOC	aldolase C, fructose-bisphosphate	ENSECAG00000013037
5.05	GPRASP1	G protein-coupled receptor associated sorting protein 1	ENSECAG00000002204
5.04	EIF2S1	eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa	ENSECAG00000018424
5.04	SSR1	signal sequence receptor, alpha	ENSECAG00000019520
5.04	BUD31	BUD31 homolog (S. cerevisiae)	ENSECAG00000024151
5.04	CARHSP1	calcium regulated heat stable protein 1, 24kDa	ENSECAG00000019386
5.04	TARDBP	TAR DNA binding protein	ENSECAG00000008338
5.04	RRBP1	ribosome binding protein 1	ENSECAG00000014760
5.03	ADNP	activity-dependent neuroprotector homeobox	ENSECAG00000009307

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
5.02	JAGN1	jagunal homolog 1 (Drosophila)	ENSECAG00000016539
5.01	SNRPF	small nuclear ribonucleoprotein polypeptide F	ENSECAG00000019817
5.01			ENSECAG00000018362
5.01			ENSECAG00000003622
5.01	CXCL16	chemokine (C-X-C motif) ligand 16	ENSECAG00000018406
5.01	MRPS22	mitochondrial ribosomal protein S22	ENSECAG00000013272
5.00	ZNF830	zinc finger protein 830	ENSECAG00000003872
5.00	CDC37	cell division cycle 37	ENSECAG00000012896
4.99	CD14	Uncharacterized protein	ENSECAG00000001784
4.98	EI24	etoposide induced 2.4	ENSECAG00000015861
4.97	PRRC2A	proline-rich coiled-coil 2A	ENSECAG00000020637
4.97	CCNA2	cyclin A2	ENSECAG00000024357
4.96	FAM110B	family with sequence similarity 110, member B	ENSECAG00000004777
4.96	BUB3	BUB3 mitotic checkpoint protein	ENSECAG00000010047
4.95	SURF1	surfeit 1	ENSECAG00000013250
4.95			ENSECAG00000013555
4.95	MED8	mediator complex subunit 8	ENSECAG00000010456
4.95	IRF6	interferon regulatory factor 6	ENSECAG00000007482
4.94	FBXO27	F-box protein 27	ENSECAG00000013830
4.94	GBA	glucosidase, beta, acid	ENSECAG00000022786
4.94		Uncharacterized protein	ENSECAG00000005619
4.93	PERP	PERP, TP53 apoptosis effector	ENSECAG00000010262
4.93	EMC4	ER membrane protein complex subunit 4	ENSECAG00000025049
4.93	NLRP1	NLR family, pyrin domain containing 1	ENSECAG00000008523
4.92			ENSECAG00000014853
4.92		Uncharacterized protein	ENSECAG00000001411
4.92	NUDC	nuclear distribution C homolog (A. nidulans)	ENSECAG00000021311
4.91	BIN1	bridging integrator 1	ENSECAG00000006957
4.90	DPY30	dpy-30 homolog (C. elegans)	ENSECAG00000019630
4.90	METTL1	methyltransferase like 1	ENSECAG00000009016

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
4.90	NIT1	nitrilase 1	ENSECAG00000000449
4.89	SRI	sorcin	ENSECAG000000016278
4.88		Uncharacterized protein	ENSECAG000000023709
4.87	POLR2D	polymerase (RNA) II (DNA directed) polypeptide D	ENSECAG00000000556
4.87	LSM10	LSM10, U7 small nuclear RNA associated	ENSECAG000000005071
4.87	GNS	glucosamine (N-acetyl)-6-sulfatase	ENSECAG000000023318
4.87	NABP2	nucleic acid binding protein 2	ENSECAG000000008042
4.87	DALRD3	DALR anticodon binding domain containing 3	ENSECAG000000020436
4.86	TGIF1	TGFB-induced factor homeobox 1	ENSECAG000000011078
4.86	MOSPD3	motile sperm domain containing 3	ENSECAG000000023837
4.84	SNORA4	Small nucleolar RNA SNORA4	ENSECAG000000025966
4.84	PBDC1	polysaccharide biosynthesis domain containing 1	ENSECAG000000009882
4.84	PSMC6	proteasome (prosome, macropain) 26S subunit, ATPase, 6	ENSECAG000000018129
4.83	CD3E	CD3e molecule, epsilon (CD3-TCR complex)	ENSECAG000000014635
4.83	USF1	upstream transcription factor 1	ENSECAG000000004755
4.83		Uncharacterized protein	ENSECAG000000002209
4.83		Uncharacterized protein	ENSECAG000000006721
4.82	DPAGT1	dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminophosphotransferase 1 (GlcNAc-1-P transferase)	ENSECAG000000013966
4.82	MRPL24	mitochondrial ribosomal protein L24	ENSECAG000000011340
4.81	USP1	ubiquitin specific peptidase 1	ENSECAG000000011151
4.81		Guanine nucleotide-binding protein subunit gamma	ENSECAG000000008886
4.80		Uncharacterized protein	ENSECAG000000024209
4.80	C9orf78	chromosome 9 open reading frame 78	ENSECAG000000018958
4.80	TMEM59	transmembrane protein 59	ENSECAG000000006995
4.80	WSB2	WD repeat and SOCS box containing 2	ENSECAG000000007479
4.79	SNORD78	Small nucleolar RNA SNORD78	ENSECAG000000025954
4.79	COPS7A	COP9 signalosome subunit 7A	ENSECAG000000015911
4.79	FH	fumarate hydratase	ENSECAG000000020726
4.79	ANAPC16	anaphase promoting complex subunit 16	ENSECAG000000002942

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
4.79		Uncharacterized protein	ENSECAG00000007419
4.79	ZNF683	zinc finger protein 683	ENSECAG00000015147
4.79	CNPPD1	cyclin Pas1/PHO80 domain containing 1	ENSECAG00000010050
4.78	SMIM8	small integral membrane protein 8	ENSECAG00000019470
4.78	ATXN2L	ataxin 2-like	ENSECAG00000007301
4.77	HSD3B7	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7	ENSECAG00000011133
4.77	PHLDA2	pleckstrin homology-like domain, family A, member 2	ENSECAG00000006973
4.77	PMPCB	peptidase (mitochondrial processing) beta	ENSECAG00000014253
4.76	PREB	prolactin regulatory element binding	ENSECAG00000021473
4.76			ENSECAG00000027324
4.75	RUNDC1	RUN domain containing 1	ENSECAG00000007778
4.75	MRPS18B	mitochondrial ribosomal protein S18B	ENSECAG00000022485
4.75	HSPA4	heat shock 70kDa protein 4	ENSECAG00000020813
4.74	BCL7C	B-cell CLL/lymphoma 7C	ENSECAG00000000482
4.74	EPN1	epsin 1	ENSECAG00000016192
4.74	PDAP1	PDGFA associated protein 1	ENSECAG00000024426
4.74	PPP1R11	protein phosphatase 1, regulatory (inhibitor) subunit 11	ENSECAG00000018417
4.73		Uncharacterized protein	ENSECAG00000004638
4.73		Uncharacterized protein	ENSECAG00000025123
4.72	NCSTN	nicastatin	ENSECAG00000009183
4.72	C12orf23	chromosome 12 open reading frame 23	ENSECAG00000014400
4.72	CNOT1	CCR4-NOT transcription complex, subunit 1	ENSECAG00000009889
4.72			ENSECAG00000011772
4.71	RABGGTB	Rab geranylgeranyltransferase, beta subunit	ENSECAG00000020309
4.71	ANP32B	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	ENSECAG00000012310
4.70	KHSRP	KH-type splicing regulatory protein	ENSECAG00000018305
4.70			ENSECAG00000014694
4.70	KCTD14	potassium channel tetramerization domain containing 14	ENSECAG00000005901
4.69	RGPD2	RANBP2-like and GRIP domain containing 2	ENSECAG00000004294
4.69	PSMC2	proteasome (prosome, macropain) 26S subunit, ATPase, 2	ENSECAG00000016724

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
4.68	ACTR1B	ARP1 actin-related protein 1 homolog B, centractin beta (yeast)	ENSECAG00000002758
4.68	C11orf49	chromosome 11 open reading frame 49	ENSECAG000000024739
4.68			ENSECAG000000023354
4.68	ST6GAL1	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1	ENSECAG00000003569
4.68	CRELD2	cysteine-rich with EGF-like domains 2	ENSECAG000000021209
4.68	ESRP2	epithelial splicing regulatory protein 2	ENSECAG000000017375
4.67	CRYAB	crystallin, alpha B	ENSECAG000000012507
4.67	PPCS	phosphopantothenoylcysteine synthetase	ENSECAG000000017987
4.67	DNAJA2	DnaJ (Hsp40) homolog, subfamily A, member 2	ENSECAG000000009636
4.66	PSMD3	proteasome (prosome, macropain) 26S subunit, non-ATPase, 3	ENSECAG000000010572
4.66	IBA57	IBA57, iron-sulfur cluster assembly homolog (S. cerevisiae)	ENSECAG000000006335
4.65	CBX3	chromobox homolog 3	ENSECAG000000012780
4.65	LPCAT4	lysophosphatidylcholine acyltransferase 4	ENSECAG000000022962
4.64	SNRPN	small nuclear ribonucleoprotein polypeptide N	ENSECAG000000018148
4.64	KCNH1	potassium voltage-gated channel, subfamily H (eag-related), member 1	ENSECAG000000000431
4.64	MICU2	mitochondrial calcium uptake 2	ENSECAG000000016494
4.64	EMC7	ER membrane protein complex subunit 7	ENSECAG000000018499
4.63	AGA	aspartylglucosaminidase	ENSECAG000000000085
4.63	CIDEB	cell death-inducing DFFA-like effector b	ENSECAG000000010495
4.62		Uncharacterized protein	ENSECAG000000010596
4.62	TYMP	thymidine phosphorylase	ENSECAG000000001072
4.61	DHCR7	7-dehydrocholesterol reductase	ENSECAG000000023341
4.61	ILF3	interleukin enhancer binding factor 3, 90kDa	ENSECAG000000017640
4.61	GTF3A	general transcription factor IIIA	ENSECAG000000014803
4.61		Uncharacterized protein	ENSECAG000000020675
4.60			ENSECAG000000018768
4.60	PGLS	6-phosphogluconolactonase	ENSECAG000000010333
4.60	U7	U7 small nuclear RNA	ENSECAG000000027042
4.59	MRPS14	mitochondrial ribosomal protein S14	ENSECAG000000011077
4.59	ATMIN	ATM interactor	ENSECAG000000011923

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
4.59	RASSF7	Ras association (RalGDS/AF-6) domain family (N-terminal) member 7	ENSECAG00000009418
4.58	ARID3A	AT rich interactive domain 3A (BRIGHT-like)	ENSECAG000000011779
4.58		Uncharacterized protein	ENSECAG000000004370
4.57	SNORD31	Small nucleolar RNA SNORD31	ENSECAG000000026435
4.57	CALCOCO2	calcium binding and coiled-coil domain 2	ENSECAG000000015498
4.56	CA2	carbonic anhydrase II	ENSECAG000000016228
4.56			ENSECAG000000000106
4.56	ATN1	atrophin 1	ENSECAG000000021403
4.56	PPOX	protoporphyrinogen oxidase	ENSECAG000000010946
4.55	BCAP31	B-cell receptor-associated protein 31	ENSECAG000000022787
4.55	ZFP36L1	ZFP36 ring finger protein-like 1	ENSECAG000000018860
4.55	SNORD107	Small nucleolar RNA SNORD107	ENSECAG000000027300
4.54	GFER	growth factor, augments liver regeneration	ENSECAG000000017072
4.54	KIF20A	kinesin family member 20A	ENSECAG000000016860
4.54		Histone H3	ENSECAG000000003003
4.54	PPAP2C	phosphatidic acid phosphatase type 2C	ENSECAG000000008648
4.53	MRPS18C	mitochondrial ribosomal protein S18C	ENSECAG000000020387
4.53	AKIRIN2	akirin 2	ENSECAG000000010789
4.52		Uncharacterized protein	ENSECAG000000015137
4.52	FGFBP1	fibroblast growth factor binding protein 1	ENSECAG000000002446
4.51	SLC29A1	solute carrier family 29 (equilibrative nucleoside transporter), member 1	ENSECAG000000008083
4.51	TRMT12	tRNA methyltransferase 12 homolog (S. cerevisiae)	ENSECAG000000005667
4.50			ENSECAG000000015747
4.50	FOXA2	forkhead box A2	ENSECAG000000026854
4.50		Uncharacterized protein	ENSECAG000000022412
4.50			ENSECAG000000002141
4.50	SNORD52	Small nucleolar RNA SNORD52	ENSECAG000000026567
4.50	PTS	6-pyruvoyltetrahydropterin synthase	ENSECAG000000015565
4.49	AURKB	aurora kinase B	ENSECAG000000014384
4.49	TM9SF2	transmembrane 9 superfamily member 2	ENSECAG000000023803

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
4.49			ENSECAG00000013417
4.48	SYS1-DBNDD2	SYS1-DBNDD2 readthrough (NMD candidate)	ENSECAG00000021199
4.48	SNRNP200	small nuclear ribonucleoprotein 200kDa (U5)	ENSECAG00000019675
4.48	ABHD17A	abhydrolase domain containing 17A	ENSECAG00000022895
4.47	COL4A2	collagen, type IV, alpha 2	ENSECAG00000021314
4.47	eca-let-7d	eca-let-7d	ENSECAG00000026479
4.47		Glutathione S-transferase	ENSECAG00000016132
4.46	SDF2	stromal cell-derived factor 2	ENSECAG00000020083
4.46	HACL1	2-hydroxyacyl-CoA lyase 1	ENSECAG00000009309
4.46	MED25	mediator complex subunit 25	ENSECAG00000008563
4.45		Uncharacterized protein	ENSECAG00000024343
4.45	NXF1	nuclear RNA export factor 1	ENSECAG00000001426
4.45	CLN5	ceroid-lipofuscinosis, neuronal 5	ENSECAG00000010400
4.45	ASB6	ankyrin repeat and SOCS box containing 6	ENSECAG00000018213
4.44	GJB3	gap junction protein, beta 3, 31kDa	ENSECAG00000005150
4.44		Uncharacterized protein	ENSECAG00000018153
4.44	HRAS	Harvey rat sarcoma viral oncogene homolog	ENSECAG00000008473
4.44	CAMK1	calcium/calmodulin-dependent protein kinase I	ENSECAG00000023628
4.44		Uncharacterized protein	ENSECAG00000017655
4.44	SH3GL1	SH3-domain GRB2-like 1	ENSECAG00000024773
4.43			ENSECAG00000017941
4.43	SPATA2	spermatogenesis associated 2	ENSECAG00000007234
4.43		Uncharacterized protein	ENSECAG00000002702
4.42	JRKL	jerky homolog-like (mouse)	ENSECAG00000001856
4.42	TMED3	transmembrane emp24 protein transport domain containing 3	ENSECAG00000011247
4.42	RHBDF1	rhomboid 5 homolog 1 (Drosophila)	ENSECAG00000023220
4.41	RNASEH2C	ribonuclease H2, subunit C	ENSECAG00000017289
4.41			ENSECAG00000009124
4.41	BAX	BCL2-associated X protein	ENSECAG00000016635
4.41	PYCR1	pyrroline-5-carboxylate reductase 1	ENSECAG00000008836

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
4.41	MLX	MLX, MAX dimerization protein	ENSECAG00000023980
4.41	DOK1	docking protein 1, 62kDa (downstream of tyrosine kinase 1)	ENSECAG00000022646
4.41	DNPEP	aspartyl aminopeptidase	ENSECAG00000021601
4.40	ZCCHC3	zinc finger, CCHC domain containing 3	ENSECAG00000001035
4.40	KPNB1	karyopherin (importin) beta 1	ENSECAG00000014560
4.40	TPRG1L	tumor protein p63 regulated 1-like	ENSECAG00000012483
4.40	GRPEL1	GrpE-like 1, mitochondrial (E. coli)	ENSECAG00000009669
4.39	TMEM165	transmembrane protein 165	ENSECAG00000018843
4.39		Uncharacterized protein	ENSECAG00000010598
4.39	C11orf24	chromosome 11 open reading frame 24	ENSECAG00000013158
4.39	SIRT7	sirtuin 7	ENSECAG00000019344
4.39		Uncharacterized protein	ENSECAG00000008785
4.39	CCND3	cyclin D3	ENSECAG00000023862
4.39	SDHA	succinate dehydrogenase complex, subunit A, flavoprotein (Fp)	ENSECAG00000000397
4.38	ZNF768	zinc finger protein 768	ENSECAG00000008014
4.38	MED29	mediator complex subunit 29	ENSECAG00000018277
4.37	MRPL2	mitochondrial ribosomal protein L2	ENSECAG00000020273
4.37	KIAA0930	KIAA0930	ENSECAG00000023036
4.37	PACSN3	protein kinase C and casein kinase substrate in neurons 3	ENSECAG00000025103
4.36	BCS1L	BC1 (ubiquinol-cytochrome c reductase) synthesis-like	ENSECAG00000000224
4.36	SLC6A8	solute carrier family 6 (neurotransmitter transporter, creatine), member 8	ENSECAG00000013965
4.35	HIC2	hypermethylated in cancer 2	ENSECAG00000017997
4.35	CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)	ENSECAG00000023549
4.34	C19orf10	chromosome 19 open reading frame 10	ENSECAG00000024944
4.34	SF1	splicing factor 1	ENSECAG00000024544
4.33	RIC8A	resistance to inhibitors of cholinesterase 8 homolog A (C. elegans)	ENSECAG00000003790
4.33	EFNA1	ephrin-A1	ENSECAG00000021383
4.32		Histone H2B	ENSECAG00000004199
4.31	FKBPL	FK506 binding protein like	ENSECAG00000001463
4.31	HARS	histidyl-tRNA synthetase	ENSECAG00000021986

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
4.31	KHDRBS1	KH domain containing, RNA binding, signal transduction associated 1	ENSECAG00000019346
4.31	PIGW	phosphatidylinositol glycan anchor biosynthesis, class W	ENSECAG00000003755
4.31		Uncharacterized protein	ENSECAG00000005615
4.30	MRT04	mRNA turnover 4 homolog (S. cerevisiae)	ENSECAG00000012598
4.30	TMEM183A	transmembrane protein 183A	ENSECAG00000008661
4.30	POLR2E	polymerase (RNA) II (DNA directed) polypeptide E, 25kDa	ENSECAG00000011124
4.30	TMEM214	transmembrane protein 214	ENSECAG00000010689
4.29	CD36	CD36 molecule (thrombospondin receptor)	ENSECAG00000015229
4.29	CPNE1	copine-1	ENSECAG00000001899
4.29		Uncharacterized protein	ENSECAG00000015185
4.28		Uncharacterized protein	ENSECAG00000003017
4.27	ZDHC6	zinc finger, DHHC-type containing 6	ENSECAG00000013226
4.26	LRRC9	leucine rich repeat containing 9	ENSECAG00000015680
4.26	STXBP2	syntaxin binding protein 2	ENSECAG00000016424
4.26	ZYX	zyxin	ENSECAG00000020227
4.26	MCRS1	microspherule protein 1	ENSECAG00000011683
4.25	MSANTD4	Myb/SANT-like DNA-binding domain containing 4 with coiled-coils	ENSECAG00000011320
4.25			ENSECAG00000018387
4.25	NOLC1	nucleolar and coiled-body phosphoprotein 1	ENSECAG00000024700
4.24	OSTC	oligosaccharyltransferase complex subunit (non-catalytic)	ENSECAG00000019709
4.24	REXO2	RNA exonuclease 2	ENSECAG00000005988
4.24	NUDCD2	NudC domain containing 2	ENSECAG00000018846
4.24	POR	NADPH--cytochrome P450 reductase	ENSECAG00000008755
4.23		Uncharacterized protein	ENSECAG00000000844
4.23	TMEM30B	transmembrane protein 30B	ENSECAG00000026893
4.23	C14orf1	chromosome 14 open reading frame 1	ENSECAG00000020442
4.23	ANXA7	annexin A7	ENSECAG00000013554
4.23	ZNF259	zinc finger protein 259	ENSECAG00000010981
4.22	PRKCSH	protein kinase C substrate 80K-H	ENSECAG00000023774
4.22	PDCD6	programmed cell death 6	ENSECAG00000021111

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
4.22	PDHA1	pyruvate dehydrogenase (lipoamide) alpha 1	ENSECAG00000001964
4.21	OARD1	O-acyl-ADP-ribose deacylase 1	ENSECAG000000007895
4.21	PARK7	parkinson protein 7	ENSECAG000000017251
4.21		Glutathione S-transferase	ENSECAG000000016221
4.20			ENSECAG000000020090
4.20	NUDT8	nudix (nucleoside diphosphate linked moiety X)-type motif 8	ENSECAG000000022394
4.20	CDCA4	cell division cycle associated 4	ENSECAG000000006445
4.19	MKI67IP	MKI67 (FHA domain) interacting nucleolar phosphoprotein	ENSECAG000000018478
4.19	NDUFS6	NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase)	ENSECAG000000021690
4.19	SSSCA1	Sjogren syndrome/scleroderma autoantigen 1	ENSECAG000000010257
4.19	SREBF2	sterol regulatory element binding transcription factor 2	ENSECAG000000024608
4.19	ENHO	energy homeostasis associated	ENSECAG000000004839
4.18	NUDT18	nudix (nucleoside diphosphate linked moiety X)-type motif 18	ENSECAG000000010645
4.18	KPNA4	karyopherin alpha 4 (importin alpha 3)	ENSECAG000000023235
4.18	MRPL37	mitochondrial ribosomal protein L37	ENSECAG000000008987
4.17	PQBP1	polyglutamine binding protein 1	ENSECAG000000017372
4.17	ST6GAL1	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1	ENSECAG000000003569
4.17	HBP1	HMG-box transcription factor 1	ENSECAG000000020969
4.17	ATG9A	autophagy related 9A	ENSECAG000000007801
4.17	ATP13A2	ATPase type 13A2	ENSECAG000000016746
4.16	DYNLT1	dynein, light chain, Tctex-type 1	ENSECAG000000009612
4.16	RBM39	RNA binding motif protein 39	ENSECAG000000013423
4.15	FAM103A1	family with sequence similarity 103, member A1	ENSECAG000000023312
4.15	C9orf142	chromosome 9 open reading frame 142	ENSECAG000000009349
4.14	CSRP2	cysteine and glycine-rich protein 2	ENSECAG000000015606
4.14	PLIN2	perilipin 2	ENSECAG000000024663
4.14	G6PC3	glucose 6 phosphatase, catalytic, 3	ENSECAG000000024363
4.14	B3GNT1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1	ENSECAG000000011001
4.14	MYCL	v-myc avian myelocytomatosis viral oncogene lung carcinoma derived homolog	ENSECAG000000008765

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
4.13	POLR1C	polymerase (RNA) I polypeptide C, 30kDa	ENSECAG00000023516
4.13		Uncharacterized protein	ENSECAG00000018582
4.13	NOC2L	nucleolar complex associated 2 homolog (S. cerevisiae)	ENSECAG00000023976
4.13	TSPAN33	tetraspanin 33	ENSECAG00000019800
4.13			ENSECAG00000024098
4.12	CXXC1	CXXC finger protein 1	ENSECAG00000017698
4.12	CASP6	caspase 6, apoptosis-related cysteine peptidase	ENSECAG00000015479
4.12	SLC39A4	solute carrier family 39 (zinc transporter), member 4	ENSECAG00000020394
4.11	CTSF	cathepsin F	ENSECAG00000022139
4.11	ALDH6A1	aldehyde dehydrogenase 6 family, member A1	ENSECAG00000009453
4.11	FXR2	fragile X mental retardation, autosomal homolog 2	ENSECAG00000007051
4.11	G0S2	G0/G1switch 2	ENSECAG00000003535
4.11	TMEM140	transmembrane protein 140	ENSECAG00000003418
4.10	DDIT4	DNA-damage-inducible transcript 4	ENSECAG00000004107
4.10	TIMM10	translocase of inner mitochondrial membrane 10 homolog (yeast)	ENSECAG00000010152
4.10	DCTN3	dynactin 3 (p22)	ENSECAG00000013178
4.10	NUTF2	nuclear transport factor 2	ENSECAG00000021530
4.10	NOP16	NOP16 nucleolar protein	ENSECAG00000021354
4.09	SPTAN1	spectrin, alpha, non-erythrocytic 1	ENSECAG00000021297
4.09	KRTCAP3	keratinocyte associated protein 3	ENSECAG00000024526
4.09	ACTR1A	ARP1 actin-related protein 1 homolog A, centractin alpha (yeast)	ENSECAG00000024503
4.08			ENSECAG00000024118
4.08	CLTC	clathrin, heavy chain (Hc)	ENSECAG00000019077
4.08	U2AF2	U2 small nuclear RNA auxiliary factor 2	ENSECAG00000010110
4.08		Uncharacterized protein	ENSECAG00000005171
4.08	IK	IK cytokine, down-regulator of HLA II	ENSECAG00000012779
4.08	AP3M1	adaptor-related protein complex 3, mu 1 subunit	ENSECAG00000008103
4.07	TMEM150A	transmembrane protein 150A	ENSECAG00000017462
4.07	EIF3B	eukaryotic translation initiation factor 3, subunit B	ENSECAG00000013671
4.07	COMMD7	COMM domain containing 7	ENSECAG00000007694

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
4.07	EFS	embryonal Fyn-associated substrate	ENSECAG00000026863
4.07		Uncharacterized protein	ENSECAG00000025090
4.06		Uncharacterized protein	ENSECAG00000021518
4.06		Uncharacterized protein	ENSECAG00000021459
4.06	PRMT5	protein arginine methyltransferase 5	ENSECAG00000014516
4.06	EFNA4	ephrin-A4	ENSECAG00000005958
4.05		Uncharacterized protein	ENSECAG00000000620
4.05			ENSECAG00000023779
4.04		Uncharacterized protein	ENSECAG00000007197
4.04	C6orf62	chromosome 6 open reading frame 62	ENSECAG00000000329
4.03			ENSECAG00000003274
4.03	NDUFV2	NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa	ENSECAG00000009904
4.03	MESDC1	mesoderm development candidate 1	ENSECAG00000004005
4.03	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	ENSECAG00000010963
4.03	SIAH1	siah E3 ubiquitin protein ligase 1	ENSECAG00000024227
4.03	PHF5A	PHD finger protein 5A	ENSECAG00000023225
4.01	TSTA3	tissue specific transplantation antigen P35B	ENSECAG00000022267
4.01	ZNHIT3	zinc finger, HIT-type containing 3	ENSECAG00000023232
4.01	ATF5	activating transcription factor 5	ENSECAG00000018168
4.01	ANXA6	annexin A6	ENSECAG00000022500
4.01		Uncharacterized protein	ENSECAG00000018215
4.00	MYC	v-myc avian myelocytomatosis viral oncogene homolog	ENSECAG00000022059
4.00	COPS5	COP9 signalosome subunit 5	ENSECAG00000013916
4.00	GEMIN4	gem (nuclear organelle) associated protein 4	ENSECAG00000006339
4.00	LSM2	LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae)	ENSECAG00000018791
4.00	RPA3	replication protein A3, 14kDa	ENSECAG00000007680
4.00	PHF16	PHD finger protein 16	ENSECAG00000012700
3.99	EIF3E	eukaryotic translation initiation factor 3, subunit E	ENSECAG00000000236
3.99	KCNJ16	potassium inwardly-rectifying channel, subfamily J, member 16	ENSECAG00000002188
3.99	NAPRT1	nicotinate phosphoribosyltransferase domain containing 1	ENSECAG00000018111

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.99	U6	U6 spliceosomal RNA	ENSECAG00000026736
3.98	WBP11	WW domain binding protein 11	ENSECAG00000008550
3.98	TAF1D	TATA box binding protein (TBP)-associated factor, RNA polymerase I, D, 41kDa	ENSECAG000000017850
3.98	SPRY2	sprouty homolog 2 (Drosophila)	ENSECAG000000002250
3.98	ROGDI	rogdi homolog (Drosophila)	ENSECAG000000018501
3.98	SNRPB2	small nuclear ribonucleoprotein polypeptide B	ENSECAG000000018407
3.98	RBX1	ring-box 1, E3 ubiquitin protein ligase	ENSECAG000000021493
3.98	UCK1	uridine-cytidine kinase 1	ENSECAG000000015649
3.98	ACP2	acid phosphatase 2, lysosomal	ENSECAG000000013128
3.97	TMPRSS2	transmembrane protease, serine 2	ENSECAG000000022289
3.96	UBAP2L	ubiquitin associated protein 2-like	ENSECAG000000005014
3.95	TMUB2	transmembrane and ubiquitin-like domain containing 2	ENSECAG000000016704
3.95	PTCD3	pentatricopeptide repeat domain 3	ENSECAG000000020623
3.95	CYR61	cysteine-rich, angiogenic inducer, 61	ENSECAG000000024993
3.95	DSC2	desmocollin 2	ENSECAG000000007761
3.94	COL6A2	collagen, type VI, alpha 2	ENSECAG000000019436
3.94			ENSECAG000000002313
3.94	TWF1	twinfilin actin-binding protein 1	ENSECAG000000024018
3.94	HOXC8	homeobox C8	ENSECAG000000000932
3.94	NR2C2AP	nuclear receptor 2C2-associated protein	ENSECAG000000015219
3.93	RHOT2	ras homolog family member T2	ENSECAG000000017261
3.93			ENSECAG000000003497
3.92	TXNDC9	thioredoxin domain containing 9	ENSECAG000000003510
3.92	FBXO34	F-box protein 34	ENSECAG000000004253
3.92	TM9SF3	transmembrane 9 superfamily member 3	ENSECAG000000013751
3.92	LAMB2	laminin, beta 2 (laminin S)	ENSECAG000000021805
3.92	METTL18	methyltransferase like 18	ENSECAG000000006141
3.92			ENSECAG000000015320
3.92	PGAM5	phosphoglycerate mutase family member 5	ENSECAG000000024362
3.92	HSD11B2	corticosteroid 11-beta-dehydrogenase isozyme 2	ENSECAG000000014152

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.92	FZD10	frizzled family receptor 10	ENSECAG00000001633
3.92	CNOT8	CCR4-NOT transcription complex, subunit 8	ENSECAG000000013294
3.91	VPS35	vacuolar protein sorting 35 homolog (S. cerevisiae)	ENSECAG000000004911
3.91			ENSECAG000000007874
3.91	SRM	spermidine synthase	ENSECAG000000019713
3.91	BRK1	BRICK1, SCAR/WAVE actin-nucleating complex subunit	ENSECAG000000017962
3.91	GOLPH3	golgi phosphoprotein 3 (coat-protein)	ENSECAG000000006321
3.90	DGCR8	DGCR8 microprocessor complex subunit	ENSECAG000000009295
3.90	TSSC4	tumor suppressing subtransferable candidate 4	ENSECAG000000006951
3.90	PLCB3	phospholipase C, beta 3 (phosphatidylinositol-specific)	ENSECAG000000011700
3.90	ANAPC15	anaphase promoting complex subunit 15	ENSECAG000000021041
3.90	CLDND1	claudin domain containing 1	ENSECAG000000020656
3.90	PAGR1	PAXIP1 associated glutamate-rich protein 1	ENSECAG000000024528
3.90	TRA2B	transformer 2 beta homolog (Drosophila)	ENSECAG000000012701
3.89	SAR1A	SAR1 homolog A (S. cerevisiae)	ENSECAG000000009730
3.89	IFRD2	interferon-related developmental regulator 2	ENSECAG000000019277
3.89	BHLHE40	basic helix-loop-helix family, member e40	ENSECAG000000015069
3.89	DIABLO	diablo, IAP-binding mitochondrial protein	ENSECAG000000020255
3.89	SOCS4	suppressor of cytokine signaling 4	ENSECAG000000004043
3.88	CHD8	chromodomain helicase DNA binding protein 8	ENSECAG000000016102
3.88			ENSECAG000000004955
3.88	SOCS6	suppressor of cytokine signaling 6	ENSECAG000000001194
3.87	C14orf119	chromosome 14 open reading frame 119	ENSECAG000000011537
3.87	CLASP1	cytoplasmic linker associated protein 1	ENSECAG000000005433
3.87	WDR46	WD repeat domain 46	ENSECAG000000016548
3.87	ADAMTS1	ADAM metalloproteinase with thrombospondin type 1 motif, 1	ENSECAG000000016339
3.87	EMC3	ER membrane protein complex subunit 3	ENSECAG000000024410
3.87	HIST1H2BF	histone cluster 1, H2bf	ENSECAG000000005694
3.87	ZNHIT1	zinc finger, HIT-type containing 1	ENSECAG000000007913
3.85	TARBP2	TAR (HIV-1) RNA binding protein 2	ENSECAG000000011695

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.85	C6orf136	chromosome 6 open reading frame 136	ENSECAG00000000226
3.85	IGFBP6	insulin-like growth factor binding protein 6	ENSECAG000000019633
3.85	PTGES3	prostaglandin E synthase 3 (cytosolic)	ENSECAG000000013127
3.85	RNF10	ring finger protein 10	ENSECAG000000012725
3.84	EPHX2	epoxide hydrolase 2, cytoplasmic	ENSECAG000000023444
3.84	VKORC1L1	vitamin K epoxide reductase complex, subunit 1-like 1	ENSECAG000000011186
3.83	TMEM144	transmembrane protein 144	ENSECAG000000016225
3.83	FAM46A	family with sequence similarity 46, member A	ENSECAG000000014207
3.83	PSMD6	proteasome (prosome, macropain) 26S subunit, non-ATPase, 6	ENSECAG000000021193
3.83	SEC24C	SEC24 family, member C (<i>S. cerevisiae</i>)	ENSECAG000000021483
3.83	MRPL19	mitochondrial ribosomal protein L19	ENSECAG000000011079
3.83	SLC4A2	anion exchange protein 2	ENSECAG000000024958
3.82	RABGGTA	Rab geranylgeranyltransferase, alpha subunit	ENSECAG000000007521
3.82	MFAP2	microfibrillar-associated protein 2	ENSECAG000000008509
3.82	MCM3	minichromosome maintenance complex component 3	ENSECAG000000020506
3.82	C11orf1	chromosome 11 open reading frame 1	ENSECAG000000011862
3.81	SSR4	signal sequence receptor, delta	ENSECAG000000023150
3.81	THOC7	THO complex 7 homolog (<i>Drosophila</i>)	ENSECAG000000000497
3.81	LLPH	LLP homolog, long-term synaptic facilitation (<i>Aplysia</i>)	ENSECAG000000005815
3.81	DDX41	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41	ENSECAG000000009688
3.80	DIMT1	DIM1 dimethyladenosine transferase 1 homolog (<i>S. cerevisiae</i>)	ENSECAG000000013857
3.80	TRIAP1	TP53 regulated inhibitor of apoptosis 1	ENSECAG000000012308
3.80	HOOK2	hook homolog 2 (<i>Drosophila</i>)	ENSECAG000000014343
3.80	AMIGO2	adhesion molecule with Ig-like domain 2	ENSECAG000000019853
3.79		Uncharacterized protein	ENSECAG000000015993
3.79	SMOX	spermine oxidase	ENSECAG000000005905
3.79	MRPS30	mitochondrial ribosomal protein S30	ENSECAG000000009350
3.79			ENSECAG000000000927
3.79	PRKAG1	5'-AMP-activated protein kinase subunit gamma-1	ENSECAG000000011134
3.79	MAPRE1	microtubule-associated protein, RP/EB family, member 1	ENSECAG000000010222

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.79	TFAP2C	transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma)	ENSECAG00000021125
3.79	C1QTNF4	C1q and tumor necrosis factor related protein 4	ENSECAG00000014184
3.79	ACTR3	ARP3 actin-related protein 3 homolog (yeast)	ENSECAG00000020867
3.79	LSM5	LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae)	ENSECAG00000018445
3.78	HM13	histocompatibility (minor) 13	ENSECAG00000019217
3.78	AKIP1	A kinase (PRKA) interacting protein 1	ENSECAG00000007949
3.78	ANKZF1	ankyrin repeat and zinc finger domain containing 1	ENSECAG00000016473
3.77	RBM12B	RNA binding motif protein 12B	ENSECAG00000017870
3.77	ATP6V0E1	ATPase, H+ transporting, lysosomal 9kDa, V0 subunit e1	ENSECAG00000000669
3.77	SEC11C	SEC11 homolog C (S. cerevisiae)	ENSECAG00000017024
3.77	MYL6B	myosin, light chain 6B, alkali, smooth muscle and non-muscle	ENSECAG00000018230
3.77	CDV3	CDV3 homolog (mouse)	ENSECAG00000015689
3.77	SQSTM1	sequestosome 1	ENSECAG00000020929
3.77	SDF4	stromal cell derived factor 4	ENSECAG00000017831
3.77	AP3D1	adaptor-related protein complex 3, delta 1 subunit	ENSECAG00000014724
3.76	LAMB1	laminin, beta 1	ENSECAG00000008303
3.76	ZNF322	zinc finger protein 322	ENSECAG00000000889
3.75	ARFGAP2	ADP-ribosylation factor GTPase activating protein 2	ENSECAG00000024744
3.75	UCP2	uncoupling protein 2 (mitochondrial, proton carrier)	ENSECAG00000018649
3.75	TIAL1	TIA1 cytotoxic granule-associated RNA binding protein-like 1	ENSECAG00000009970
3.75		Tuftelin-interacting protein 11	ENSECAG00000016242
3.74	DUSP1	dual specificity phosphatase 1	ENSECAG00000009958
3.74	ZSCAN21	zinc finger and SCAN domain containing 21	ENSECAG00000024642
3.74	TERF2IP	telomeric repeat binding factor 2, interacting protein	ENSECAG00000010776
3.74	EBNA1BP2	EBNA1 binding protein 2	ENSECAG00000024179
3.74	SNORA21	Small nucleolar RNA SNORA21	ENSECAG00000026324
3.73	ARHGDIB	Rho GDP dissociation inhibitor (GDI) beta	ENSECAG00000013788
3.73		Glutathione S-transferase	ENSECAG00000013648
3.73	BZW2	basic leucine zipper and W2 domains 2	ENSECAG00000022038
3.73	TMEM106B	transmembrane protein 106B	ENSECAG00000014967

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.72	TMEM8A	transmembrane protein 8A	ENSECAG00000021388
3.72	GLRX3	glutaredoxin 3	ENSECAG00000000306
3.72	TRMT5	tRNA methyltransferase 5	ENSECAG00000000057
3.72	CIAO1	cytosolic iron-sulfur protein assembly 1	ENSECAG00000014428
3.70	UBE2A	ubiquitin-conjugating enzyme E2A	ENSECAG00000018929
3.70	SF3A1	splicing factor 3a, subunit 1, 120kDa	ENSECAG00000023962
3.70	TMEM102	transmembrane protein 102	ENSECAG00000017412
3.70	SNORA24	Small nucleolar RNA SNORA24	ENSECAG00000026033
3.69	AARS	alanyl-tRNA synthetase	ENSECAG00000008561
3.68	SEC11A	SEC11 homolog A (S. cerevisiae)	ENSECAG00000021187
3.68	PDHB	pyruvate dehydrogenase (lipoamide) beta	ENSECAG00000005244
3.68	EHMT2	euchromatic histone-lysine N-methyltransferase 2	ENSECAG00000001546
3.68	TTC14	tetratricopeptide repeat domain 14	ENSECAG00000014616
3.68	FLAD1	flavin adenine dinucleotide synthetase 1	ENSECAG00000022712
3.67		Uncharacterized protein	ENSECAG00000007071
3.67		Uncharacterized protein	ENSECAG00000000683
3.67	NANS	N-acetylneuraminic acid synthase	ENSECAG00000016772
3.67	ATXN7L3	ataxin 7-like 3	ENSECAG00000007920
3.67			ENSECAG00000004117
3.66	snoZ39	Small nucleolar RNA Z39	ENSECAG00000025457
3.66	TTI2	TELO2 interacting protein 2	ENSECAG00000016076
3.66	SFT2D2	SFT2 domain containing 2	ENSECAG00000022471
3.66		Uncharacterized protein	ENSECAG00000007359
3.66		Uncharacterized protein	ENSECAG00000024015
3.65	TMEM160	transmembrane protein 160	ENSECAG00000024260
3.65	FBXL6	F-box and leucine-rich repeat protein 6	ENSECAG00000010237
3.65	SPATA33	spermatogenesis associated 33	ENSECAG00000000880
3.65	B4GALT2	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2	ENSECAG00000024265
3.65			ENSECAG00000019529
3.64	SPCS2	signal peptidase complex subunit 2 homolog (S. cerevisiae)	ENSECAG00000007179

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.64	PIGO	phosphatidylinositol glycan anchor biosynthesis, class O	ENSECAG00000016332
3.64		Uncharacterized protein	ENSECAG00000013903
3.64	MAT2B	methionine adenosyltransferase II, beta	ENSECAG00000021219
3.63	SPPL2A	signal peptide peptidase like 2A	ENSECAG00000008167
3.63			ENSECAG00000009849
3.63	PDZK1IP1	PDZK1 interacting protein 1	ENSECAG00000018934
3.63	DHDH	dihydrodiol dehydrogenase (dimeric)	ENSECAG00000014872
3.63	APEH	acylaminoacyl-peptide hydrolase	ENSECAG00000012420
3.63		Uncharacterized protein	ENSECAG00000020455
3.62	PRR14	proline rich 14	ENSECAG00000000496
3.62	ZDHC12	zinc finger, DHHC-type containing 12	ENSECAG00000012555
3.62	NECAP1	NECAP endocytosis associated 1	ENSECAG00000012978
3.62	PRPF38B	PRP38 pre-mRNA processing factor 38 (yeast) domain containing B	ENSECAG00000001892
3.62	RSC1A1	regulatory solute carrier protein, family 1, member 1	ENSECAG00000020852
3.62	EIF1AD	eukaryotic translation initiation factor 1A domain containing	ENSECAG00000024304
3.62	KLF10	Kruppel-like factor 10	ENSECAG00000013153
3.61	METTL17	methyltransferase like 17	ENSECAG00000013518
3.61	CREB3L4	cAMP responsive element binding protein 3-like 4	ENSECAG00000017552
3.61	ALKBH7	alkB, alkylation repair homolog 7 (E. coli)	ENSECAG00000023627
3.60	SRSF3	serine/arginine-rich splicing factor 3	ENSECAG00000018741
3.60			ENSECAG00000015244
3.60			ENSECAG00000008918
3.60	CLUH	clustered mitochondria (cluA/CLU1) homolog	ENSECAG00000015830
3.60	GRHPR	glyoxylate reductase/hydroxypyruvate reductase	ENSECAG00000008981
3.60	CDK5	cyclin-dependent kinase 5	ENSECAG00000024299
3.60	FAM101B	family with sequence similarity 101, member B	ENSECAG00000008758
3.60		Uncharacterized protein	ENSECAG00000013255
3.59	POLR2K	polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa	ENSECAG00000021345
3.58	COPA	coatamer protein complex, subunit alpha	ENSECAG00000021818
3.58			ENSECAG00000004249

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.58	AP2A1	adaptor-related protein complex 2, alpha 1 subunit	ENSECAG00000007134
3.58	SELS	selenoprotein S	ENSECAG000000012386
3.58	C1orf123	chromosome 1 open reading frame 123	ENSECAG000000021472
3.57	GPRC5C	G protein-coupled receptor, family C, group 5, member C	ENSECAG000000017083
3.57	GMPR2	guanosine monophosphate reductase 2	ENSECAG000000019714
3.57	CHPF	chondroitin polymerizing factor	ENSECAG000000000516
3.56	MPZL2	myelin protein zero-like 2	ENSECAG000000012396
3.56	SRSF11	serine/arginine-rich splicing factor 11	ENSECAG000000017756
3.56	SYVN1	synovial apoptosis inhibitor 1, synoviolin	ENSECAG000000022480
3.56	CCNL2	cyclin L2	ENSECAG000000018423
3.56	SOSTDC1	sclerostin domain containing 1	ENSECAG000000012109
3.56		Uncharacterized protein	ENSECAG000000002024
3.55	GUSB	glucuronidase, beta	ENSECAG000000014688
3.55	YAF2	YY1 associated factor 2	ENSECAG000000012157
3.55	SFT2D1	SFT2 domain containing 1	ENSECAG000000019479
3.54	GABARAPL2	GABA(A) receptor-associated protein-like 2	ENSECAG000000000474
3.54	HOXB9	homeobox B9	ENSECAG000000002772
3.53	KIAA1522	KIAA1522	ENSECAG000000020557
3.53	SCRN2	secernin 2	ENSECAG000000009826
3.53	MAN2A2	mannosidase, alpha, class 2A, member 2	ENSECAG000000018866
3.53	RSL1D1	ribosomal L1 domain containing 1	ENSECAG000000025036
3.52	C1orf35	chromosome 1 open reading frame 35	ENSECAG000000019688
3.52	ABCF1	ATP-binding cassette, sub-family F (GCN20), member 1	ENSECAG000000024907
3.51	SDCCAG3	serologically defined colon cancer antigen 3	ENSECAG000000010463
3.51	TMEM115	transmembrane protein 115	ENSECAG000000021817
3.51	ANKRD9	ankyrin repeat domain 9	ENSECAG000000006098
3.51	MED21	mediator complex subunit 21	ENSECAG000000023171
3.51	YWHAZ	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide	ENSECAG000000021882
3.51	DND1	dead end homolog 1 (zebrafish)	ENSECAG000000011014

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.50	SARS	seryl-tRNA synthetase	ENSECAG00000020190
3.50	WDR74	WD repeat domain 74	ENSECAG00000009091
3.50	SLC5A2	solute carrier family 5 (sodium/glucose cotransporter), member 2	ENSECAG00000017080
3.50	RAB13	RAB13, member RAS oncogene family	ENSECAG00000016551
3.50	PSD4	pleckstrin and Sec7 domain containing 4	ENSECAG00000022660
3.50	SEN3	SUMO1/sentrin/SMT3 specific peptidase 3	ENSECAG00000020871
3.50	ZNF16	zinc finger protein 16	ENSECAG00000004246
3.49		Uncharacterized protein	ENSECAG00000022459
3.49	PIP4K2C	phosphatidylinositol-5-phosphate 4-kinase, type II, gamma	ENSECAG00000013449
3.48	SAMD1	sterile alpha motif domain containing 1	ENSECAG00000026959
3.48	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase	ENSECAG00000017419
3.48		Uncharacterized protein	ENSECAG00000003853
3.48	FAR1	fatty acyl CoA reductase 1	ENSECAG00000019618
3.47	C6orf201	chromosome 6 open reading frame 201	ENSECAG00000000206
3.47	LMF2	lipase maturation factor 2	ENSECAG00000008435
3.47	TEAD3	TEA domain family member 3	ENSECAG00000015056
3.47	PTRHD1	peptidyl-tRNA hydrolase domain containing 1	ENSECAG00000017730
3.47	SNORD89	Small nucleolar RNA SNORD89	ENSECAG00000025987
3.46	PLA1A	phospholipase A1 member A	ENSECAG00000022707
3.46	HEXB	hexosaminidase B (beta polypeptide)	ENSECAG00000011657
3.46	PRADC1	protease-associated domain containing 1	ENSECAG00000018201
3.46	CAT	catalase	ENSECAG00000019408
3.45	MCOLN1	mucolipin 1	ENSECAG00000016645
3.45	MCM6	minichromosome maintenance complex component 6	ENSECAG00000008840
3.45	GPRC5A	G protein-coupled receptor, family C, group 5, member A	ENSECAG00000014921
3.45	AHCY	adenosylhomocysteinase	ENSECAG00000010633
3.44	SNX33	sorting nexin 33	ENSECAG00000015527
3.44	ZNF154	zinc finger protein 154	ENSECAG00000014918
3.44	CLK2	CDC-like kinase 2	ENSECAG00000021471

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.44	LDOC1L	leucine zipper, down-regulated in cancer 1-like	ENSECAG00000001294
3.44	SCYL1	SCY1-like 1 (<i>S. cerevisiae</i>)	ENSECAG00000007600
3.43	CCDC51	coiled-coil domain containing 51	ENSECAG000000014543
3.43		Uncharacterized protein	ENSECAG000000004212
3.43		Uncharacterized protein	ENSECAG000000013303
3.43	TMEM129	transmembrane protein 129	ENSECAG000000011634
3.43	PRKAR1A	protein kinase, cAMP-dependent, regulatory, type I, alpha	ENSECAG00000000737
3.43	EXOSC1	exosome component 1	ENSECAG000000010621
3.43	TBRG4	transforming growth factor beta regulator 4	ENSECAG000000018271
3.42	SON	SON DNA binding protein	ENSECAG000000018098
3.42	LENG8	leukocyte receptor cluster (LRC) member 8	ENSECAG000000018343
3.42	TRABD	TraB domain containing	ENSECAG000000022213
3.42	ZNF574	zinc finger protein 574	ENSECAG000000005773
3.42	YIPF5	Yip1 domain family, member 5	ENSECAG000000003965
3.42	PEX2	peroxisomal biogenesis factor 2	ENSECAG000000022350
3.42	PCED1A	PC-esterase domain containing 1A	ENSECAG000000016497
3.41	TIFA	TRAF-interacting protein with forkhead-associated domain	ENSECAG000000004523
3.41	SLC50A1	solute carrier family 50 (sugar efflux transporter), member 1	ENSECAG000000019555
3.41	SELENBP1	selenium binding protein 1	ENSECAG000000018012
3.41	SPG21	spastic paraplegia 21 (autosomal recessive, Mast syndrome)	ENSECAG000000012886
3.41	FAM3D	family with sequence similarity 3, member D	ENSECAG000000018836
3.40	PIP5K1A	phosphatidylinositol-4-phosphate 5-kinase type-1 alpha	ENSECAG000000008201
3.40	PIGM	phosphatidylinositol glycan anchor biosynthesis, class M	ENSECAG000000004790
3.40	CSTF1	cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa	ENSECAG000000008949
3.40	CYBA	cytochrome b-245, alpha polypeptide	ENSECAG000000010965
3.40			ENSECAG000000025083
3.40	MYBPC3	myosin binding protein C, cardiac	ENSECAG000000024318
3.40		Uncharacterized protein	ENSECAG000000010696
3.39	PPIL2	peptidylprolyl isomerase (cyclophilin)-like 2	ENSECAG000000008069
3.39	TMEM86A	transmembrane protein 86A	ENSECAG000000011358

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.39		Uncharacterized protein	ENSECAG00000009369
3.39	ARFIP1	ADP-ribosylation factor interacting protein 1	ENSECAG00000022286
3.39	VPS11	vacuolar protein sorting 11 homolog (<i>S. cerevisiae</i>)	ENSECAG00000006808
3.38	DCAF11	DDB1 and CUL4 associated factor 11	ENSECAG00000022710
3.38	ARL4C	ADP-ribosylation factor-like 4C	ENSECAG00000000887
3.38	ZFAND2B	zinc finger, AN1-type domain 2B	ENSECAG00000014958
3.38		Uncharacterized protein	ENSECAG00000021796
3.37	NUDT21	nudix (nucleoside diphosphate linked moiety X)-type motif 21	ENSECAG00000001043
3.37	41707	membrane-associated ring finger (C3HC4) 9	ENSECAG00000025138
3.37	NXPH3	neurexophilin 3	ENSECAG00000017359
3.37	TBL2	transducin (beta)-like 2	ENSECAG00000015585
3.36	DDAH2	dimethylarginine dimethylaminohydrolase 2	ENSECAG00000023189
3.36	DNAJC9	DnaJ (Hsp40) homolog, subfamily C, member 9	ENSECAG00000004257
3.35	TMEM246	transmembrane protein 246	ENSECAG00000002562
3.35	HNRNPR	heterogeneous nuclear ribonucleoprotein R	ENSECAG00000013733
3.35	NMES1	normal mucosa of esophagus-specific gene 1 protein	ENSECAG00000012148
3.35	TRPV6	transient receptor potential cation channel, subfamily V, member 6	ENSECAG00000022404
3.35	TOMM40	translocase of outer mitochondrial membrane 40 homolog (yeast)	ENSECAG00000013993
3.35	HSPH1	heat shock 105kDa/110kDa protein 1	ENSECAG00000018428
3.34	PSMG4	proteasome (prosome, macropain) assembly chaperone 4	ENSECAG00000013813
3.34	KLC2	kinesin light chain 2	ENSECAG00000008028
3.34	PPP5C	protein phosphatase 5, catalytic subunit	ENSECAG00000008603
3.34	NELFE	negative elongation factor complex member E	ENSECAG00000012274
3.34	TMUB1	transmembrane and ubiquitin-like domain containing 1	ENSECAG00000020832
3.34	CPSF3L	cleavage and polyadenylation specific factor 3-like	ENSECAG00000023292
3.34	BFAR	bifunctional apoptosis regulator	ENSECAG00000016920
3.34	ALG12	ALG12, alpha-1,6-mannosyltransferase	ENSECAG00000024102
3.33	HYAL2	hyaluronoglucosaminidase 2	ENSECAG00000017559
3.33	RBM47	RNA binding motif protein 47	ENSECAG00000004400
3.33	LAP3	leucine aminopeptidase 3	ENSECAG00000018272

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.33	DDX1	DEAD (Asp-Glu-Ala-Asp) box helicase 1	ENSECAG00000016396
3.33	PSMA3	proteasome (prosome, macropain) subunit, alpha type, 3	ENSECAG00000011509
3.33	TOMM7	translocase of outer mitochondrial membrane 7 homolog (yeast)	ENSECAG00000021807
3.33	ZBTB7B	zinc finger and BTB domain containing 7B	ENSECAG00000022507
3.32	PELO	pelota homolog (Drosophila)	ENSECAG00000025124
3.32	MARS	methionyl-tRNA synthetase	ENSECAG00000015175
3.32	MTFP1	mitochondrial fission process 1	ENSECAG00000018122
3.32	SHFM1	split hand/foot malformation (ectrodactyly) type 1	ENSECAG00000018179
3.32	ACO1	aconitase 1, soluble	ENSECAG00000014846
3.32			ENSECAG00000017645
3.32	CITED1	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1	ENSECAG00000018227
3.31	CBX4	chromobox homolog 4	ENSECAG00000001181
3.31	BRIX1	BRX1, biogenesis of ribosomes, homolog (S. cerevisiae)	ENSECAG00000000377
3.31		Uncharacterized protein	ENSECAG000000024804
3.31	WDR18	WD repeat domain 18	ENSECAG00000011769
3.30			ENSECAG00000006469
3.30	CWC15	CWC15 spliceosome-associated protein homolog (S. cerevisiae)	ENSECAG00000013314
3.30	OSER1	oxidative stress responsive serine-rich 1	ENSECAG00000018849
3.30	GMNN	geminin, DNA replication inhibitor	ENSECAG00000009760
3.30	CDH16	cadherin 16, KSP-cadherin	ENSECAG00000009969
3.29	DERL2	derlin 2	ENSECAG00000010247
3.29	HK2	hexokinase-2	ENSECAG00000021905
3.29	CD3EAP	CD3e molecule, epsilon associated protein	ENSECAG00000010340
3.29			ENSECAG00000022384
3.29	B3GAT3	beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I)	ENSECAG00000013416
3.29	TSPYL1	TSPY-like 1	ENSECAG00000003736
3.29	ATIC	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase	ENSECAG00000014653
3.29	PDCD2	programmed cell death 2	ENSECAG00000016819
3.29			ENSECAG00000010074

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.29	EXOSC3	exosome component 3	ENSECAG00000005469
3.29	TF	serotransferrin precursor	ENSECAG000000017555
3.29	SREBF1	sterol regulatory element binding transcription factor 1	ENSECAG000000019802
3.28			ENSECAG000000009275
3.28	MTERFD2	MTERF domain containing 2	ENSECAG000000011622
3.28	CRAT	carnitine O-acetyltransferase	ENSECAG000000010205
3.28	LUC7L3	LUC7-like 3 (<i>S. cerevisiae</i>)	ENSECAG000000012760
3.28	UBFD1	ubiquitin family domain containing 1	ENSECAG000000012968
3.28	VAMP5	vesicle-associated membrane protein 5	ENSECAG000000007788
3.28			ENSECAG000000017442
3.27	ACTN4	actinin, alpha 4	ENSECAG000000021777
3.27	MAGOH	mago-nashi homolog, proliferation-associated (<i>Drosophila</i>)	ENSECAG000000020821
3.27		Uncharacterized protein	ENSECAG000000007882
3.26	NUDT16	nudix (nucleoside diphosphate linked moiety X)-type motif 16	ENSECAG000000016250
3.26			ENSECAG000000017233
3.26	EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1	ENSECAG000000015719
3.26	TFAP2A	transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)	ENSECAG000000017468
3.26	SPNS1	spinster homolog 1 (<i>Drosophila</i>)	ENSECAG000000012372
3.26	ACTN1	actinin, alpha 1	ENSECAG000000019476
3.26	MOCS3	molybdenum cofactor synthesis 3	ENSECAG000000004476
3.26	C5orf30	chromosome 5 open reading frame 30	ENSECAG000000016569
3.25			ENSECAG000000018100
3.25	HTRA1	HtrA serine peptidase 1	ENSECAG000000009990
3.25	PEF1	penta-EF-hand domain containing 1	ENSECAG000000021283
3.25	CD248	CD248 molecule, endosialin	ENSECAG000000006908
3.24	CDK2AP1	cyclin-dependent kinase 2 associated protein 1	ENSECAG000000002931
3.24	PIGS	phosphatidylinositol glycan anchor biosynthesis, class S	ENSECAG000000011743
3.23	PPP1R35	protein phosphatase 1, regulatory subunit 35	ENSECAG000000006116
3.23	GATM	glycine amidinotransferase (L-arginine:glycine amidinotransferase)	ENSECAG000000014243
3.23	RPL13A	ribosomal protein L13a	ENSECAG000000015832

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.23	SMPD1	sphingomyelin phosphodiesterase 1, acid lysosomal	ENSECAG00000012877
3.23	WDR6	WD repeat domain 6	ENSECAG00000023907
3.23	CPSF1	cleavage and polyadenylation specific factor 1, 160kDa	ENSECAG00000022209
3.23	TRMT2A	tRNA methyltransferase 2 homolog A (S. cerevisiae)	ENSECAG00000012384
3.22	FAM122B	family with sequence similarity 122B	ENSECAG00000018643
3.22	NCCRP1	non-specific cytotoxic cell receptor protein 1 homolog (zebrafish)	ENSECAG00000018954
3.22		Uncharacterized protein	ENSECAG00000002021
3.22			ENSECAG000000020608
3.22	COG1	component of oligomeric golgi complex 1	ENSECAG00000008129
3.22		Uncharacterized protein	ENSECAG00000022921
3.22	MFSD6L	major facilitator superfamily domain containing 6-like	ENSECAG00000003241
3.21	UTP23	UTP23, small subunit (SSU) processome component, homolog (yeast)	ENSECAG00000026844
3.21	CNN3	calponin 3, acidic	ENSECAG00000020188
3.21	SDHB	succinate dehydrogenase	ENSECAG00000011758
3.21			ENSECAG00000019484
3.21	DFFA	DNA fragmentation factor, 45kDa, alpha polypeptide	ENSECAG00000017582
3.21	ADSL	adenylosuccinate lyase	ENSECAG00000021492
3.20	LRRC8A	leucine rich repeat containing 8 family, member A	ENSECAG00000013359
3.20	ATP13A1	ATPase type 13A1	ENSECAG00000020569
3.20	DCTN1	dynactin 1	ENSECAG00000005572
3.19	AP2A2	adaptor-related protein complex 2, alpha 2 subunit	ENSECAG00000014550
3.19	LRRC59	leucine rich repeat containing 59	ENSECAG00000018072
3.19	KANSL2	KAT8 regulatory NSL complex subunit 2	ENSECAG00000013540
3.19	GNPNAT1	glucosamine-phosphate N-acetyltransferase 1	ENSECAG00000019684
3.19	PPM1A	protein phosphatase, Mg2+/Mn2+ dependent, 1A	ENSECAG00000016814
3.19	ENDOG	endonuclease G	ENSECAG00000009809
3.18		Uncharacterized protein	ENSECAG00000008698
3.18	C12orf45	chromosome 12 open reading frame 45	ENSECAG00000023579
3.18	IPO4	importin 4	ENSECAG00000009909
3.18	TBL3	transducin (beta)-like 3	ENSECAG00000019299

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.18	ITGA5	integrin, alpha 5 (fibronectin receptor, alpha polypeptide)	ENSECAG00000024979
3.17	CHST12	carbohydrate (chondroitin 4) sulfotransferase 12	ENSECAG00000001066
3.17	TMEM248	transmembrane protein 248	ENSECAG000000011953
3.17		Uncharacterized protein	ENSECAG000000024469
3.16	TNNI3	troponin I, cardiac muscle	ENSECAG000000017232
3.16	AKTIP	AKT interacting protein	ENSECAG000000020381
3.16	NGDN	neuroguidin, EIF4E binding protein	ENSECAG000000006081
3.16	AMZ2	archaelysin family metallopeptidase 2	ENSECAG000000011450
3.16	STK16	serine/threonine kinase 16	ENSECAG000000014093
3.15	RANBP6	RAN binding protein 6	ENSECAG000000006243
3.15	CHMP6	charged multivesicular body protein 6	ENSECAG000000012902
3.15		Uncharacterized protein	ENSECAG000000016601
3.15	ABCF3	ATP-binding cassette, sub-family F (GCN20), member 3	ENSECAG000000016827
3.15	C12orf44	chromosome 12 open reading frame 44	ENSECAG000000019169
3.15	MYH9	myosin, heavy chain 9, non-muscle	ENSECAG000000020716
3.15	P2RY11	P2Y purinoceptor 11	ENSECAG000000024335
3.15	BRMS1	breast cancer metastasis suppressor 1	ENSECAG000000010489
3.15	ARMCX2	armadillo repeat containing, X-linked 2	ENSECAG000000024150
3.15			ENSECAG000000015264
3.15	CCNG2	cyclin G2	ENSECAG000000014113
3.14	PHF10	PHD finger protein 10	ENSECAG000000018858
3.14	SNORA67	Small nucleolar RNA SNORA67	ENSECAG000000025567
3.14	CPOX	coproporphyrinogen oxidase	ENSECAG000000016542
3.13	MRPL10	mitochondrial ribosomal protein L10	ENSECAG000000006884
3.13	TDRP	testis development related protein	ENSECAG000000023002
3.13	GCNT2	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)	ENSECAG000000000105
3.13	PLCD3	phospholipase C, delta 3	ENSECAG000000020338
3.12	HDAC10	histone deacetylase 10	ENSECAG000000012732
3.12		Uncharacterized protein	ENSECAG000000024946
3.12	P2RY1	purinergic receptor P2Y, G-protein coupled, 1	ENSECAG000000001845

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.12	TSPAN3	tetraspanin 3	ENSECAG00000013999
3.11	SNRPD3	small nuclear ribonucleoprotein D3 polypeptide 18kDa	ENSECAG00000023316
3.11	SNX2	sorting nexin 2	ENSECAG00000007426
3.11	FLII	flightless I homolog (Drosophila)	ENSECAG00000016883
3.11	SRA1	steroid receptor RNA activator 1	ENSECAG00000014366
3.11	CYP26A1	cytochrome P450, family 26, subfamily A, polypeptide 1	ENSECAG00000022244
3.11	RCN1	reticulocalbin 1, EF-hand calcium binding domain	ENSECAG00000022068
3.11	FAM129B	family with sequence similarity 129, member B	ENSECAG00000024442
3.10	NAA38	N(alpha)-acetyltransferase 38, NatC auxiliary subunit	ENSECAG00000024025
3.10	TAF15	TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 68kDa	ENSECAG00000000718
3.10	WDR13	WD repeat domain 13	ENSECAG00000010542
3.10	C6orf141	chromosome 6 open reading frame 141	ENSECAG00000011794
3.09	SAT2	spermidine/spermine N1-acetyltransferase family member 2	ENSECAG00000007716
3.09	SERINC3	serine incorporator 3	ENSECAG00000017954
3.09	FES	feline sarcoma oncogene	ENSECAG00000000836
3.09	ARAF	v-raf murine sarcoma 3611 viral oncogene homolog	ENSECAG00000023903
3.09	STRAP	serine/threonine kinase receptor associated protein	ENSECAG00000022958
3.08	THAP1	THAP domain containing, apoptosis associated protein 1	ENSECAG00000000020
3.08	CUL7	cullin 7	ENSECAG00000017053
3.08	SLC7A8	solute carrier family 7 (amino acid transporter light chain, L system), member 8	ENSECAG00000013723
3.08	GNB1	guanine nucleotide binding protein (G protein), beta polypeptide 1	ENSECAG00000021999
3.08			ENSECAG00000017595
3.08	TADA3	transcriptional adaptor 3	ENSECAG00000018186
3.08	SLC31A2	solute carrier family 31 (copper transporter), member 2	ENSECAG00000016204
3.08	U6	U6 spliceosomal RNA	ENSECAG00000025434
3.08	YIPF2	Yip1 domain family, member 2	ENSECAG00000012720
3.08	SDR39U1	short chain dehydrogenase/reductase family 39U, member 1	ENSECAG00000023230
3.07	RTCB	RNA 2',3'-cyclic phosphate and 5'-OH ligase	ENSECAG00000023998
3.07	TP53I3	tumor protein p53 inducible protein 3	ENSECAG00000014969

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.07			ENSECAG00000009052
3.07	ZNF260	zinc finger protein 260	ENSECAG00000005312
3.07		Uncharacterized protein	ENSECAG000000019829
3.07	LSM3	LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae)	ENSECAG00000007803
3.07	GTDC2	glycosyltransferase-like domain containing 2	ENSECAG00000003314
3.06	ANPEP	alanyl (membrane) aminopeptidase	ENSECAG00000009431
3.06	FAM98A	family with sequence similarity 98, member A	ENSECAG000000021595
3.06	ATP6V1C2	ATPase, H ⁺ transporting, lysosomal 42kDa, V1 subunit C2	ENSECAG000000010555
3.06	NRAS	neuroblastoma RAS viral (v-ras) oncogene homolog	ENSECAG000000013942
3.06	TCF25	transcription factor 25 (basic helix-loop-helix)	ENSECAG000000018986
3.05	UBL7	ubiquitin-like 7 (bone marrow stromal cell-derived)	ENSECAG000000014151
3.05	CCDC23	coiled-coil domain containing 23	ENSECAG000000019655
3.05	DLX3	distal-less homeobox 3	ENSECAG000000014884
3.05			ENSECAG000000018195
3.05	PLA2G12A	phospholipase A2, group XIIA	ENSECAG000000015453
3.05	TMEM14A	transmembrane protein 14A	ENSECAG000000015579
3.05	MPG	N-methylpurine-DNA glycosylase	ENSECAG000000022979
3.05	ZBED1	zinc finger, BED-type containing 1	ENSECAG000000003414
3.04	SHC1	SHC (Src homology 2 domain containing) transforming protein 1	ENSECAG000000003967
3.04	PFDN4	prefoldin subunit 4	ENSECAG000000022189
3.04	DNAJC22	DnaJ (Hsp40) homolog, subfamily C, member 22	ENSECAG000000002744
3.04	ACO2	aconitase 2, mitochondrial	ENSECAG000000023762
3.03		N-acetylglucosamine-6-phosphate deacetylase	ENSECAG000000012571
3.03	ELMO3	engulfment and cell motility 3	ENSECAG000000006824
3.03	P2RX4	purinergic receptor P2X, ligand-gated ion channel, 4	ENSECAG000000023752
3.03	DDX23	DEAD (Asp-Glu-Ala-Asp) box polypeptide 23	ENSECAG000000016681
3.03	SHARPIN	SHANK-associated RH domain interactor	ENSECAG000000001400
3.02	RGL2	ral guanine nucleotide dissociation stimulator-like 2	ENSECAG000000000906
3.02			ENSECAG000000020943
3.02	MZT1	mitotic spindle organizing protein 1	ENSECAG000000000826

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
3.02	NSMCE4A	non-SMC element 4 homolog A (<i>S. cerevisiae</i>)	ENSECAG00000016651
3.02	ACAP2	ArfGAP with coiled-coil, ankyrin repeat and PH domains 2	ENSECAG00000015122
3.02		Uncharacterized protein	ENSECAG00000010013
3.02	PPM1G	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1G	ENSECAG00000018799
3.02		Uncharacterized protein	ENSECAG00000026993
3.02	XPOT	exportin, tRNA	ENSECAG00000018336
3.01	KDEL1C	KDEL (Lys-Asp-Glu-Leu) containing 1	ENSECAG00000022335
3.01	PTPMT1	protein tyrosine phosphatase, mitochondrial 1	ENSECAG00000012816
3.01	ZBTB1	zinc finger and BTB domain containing 1	ENSECAG00000017704
3.01		Uncharacterized protein	ENSECAG00000009892
3.01		Uncharacterized protein	ENSECAG00000006216
3.01	eca-mir-24-2	eca-mir-24-2	ENSECAG00000025958
3.01	RFXANK	regulatory factor X-associated ankyrin-containing protein	ENSECAG00000009442
3.01	SLC37A4	solute carrier family 37 (glucose-6-phosphate transporter), member 4	ENSECAG00000006892
3.00	CLINT1	clathrin interactor 1	ENSECAG00000009181
3.00	CLPTM1	cleft lip and palate associated transmembrane protein 1	ENSECAG00000017326
3.00		Uncharacterized protein	ENSECAG00000008349
3.00	OS9	protein OS-9	ENSECAG00000022388
2.99	DSG2	desmoglein 2	ENSECAG00000013616
2.99		Uncharacterized protein	ENSECAG00000018883
2.99	C15orf39	chromosome 15 open reading frame 39	ENSECAG00000017739
2.99	DBNL	drebrin-like	ENSECAG00000012048
2.99		Uncharacterized protein	ENSECAG00000015782
2.99	MYLIP	myosin regulatory light chain interacting protein	ENSECAG00000020010
2.99		Uncharacterized protein	ENSECAG00000009520
2.99	DONSON	downstream neighbor of SON	ENSECAG00000007826
2.99	HGS	hepatocyte growth factor-regulated tyrosine kinase substrate	ENSECAG00000010874
2.99		Uncharacterized protein	ENSECAG00000016094
2.99	CCBL1	cysteine conjugate-beta lyase, cytoplasmic	ENSECAG00000022067
2.99	AMT	aminomethyltransferase	ENSECAG00000012159

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.99	NDFIP1	Nedd4 family interacting protein 1	ENSECAG00000021907
2.98			ENSECAG00000006800
2.98	FTSJD1	FtsJ methyltransferase domain containing 1	ENSECAG00000006573
2.98	RPS6KB2	ribosomal protein S6 kinase, 70kDa, polypeptide 2	ENSECAG00000012221
2.98	DHRS11	dehydrogenase/reductase (SDR family) member 11	ENSECAG00000025095
2.98	DPP7	dipeptidyl-peptidase 7	ENSECAG00000016273
2.97	NDUFA12	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12	ENSECAG00000015836
2.97			ENSECAG00000008415
2.97	DLST	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)	ENSECAG00000000273
2.97	C1orf50	chromosome 1 open reading frame 50	ENSECAG00000021435
2.97	MCM5	minichromosome maintenance complex component 5	ENSECAG00000014368
2.97	AGPAT1	1-acylglycerol-3-phosphate O-acyltransferase 1	ENSECAG00000014481
2.97	TOMM70A	translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae)	ENSECAG00000015142
2.97	SLC35C2	solute carrier family 35 (GDP-fucose transporter), member C2	ENSECAG00000025106
2.96	TIMM17B	translocase of inner mitochondrial membrane 17 homolog B (yeast)	ENSECAG00000009975
2.96	MVP	major vault protein	ENSECAG00000025091
2.95	ERLEC1	endoplasmic reticulum lectin 1	ENSECAG00000012769
2.95	SNORD50	Small nucleolar RNA SNORD50	ENSECAG00000025401
2.95			ENSECAG00000014576
2.95	MPST	mercaptopyruvate sulfurtransferase	ENSECAG00000008724
2.94	ZDHHC16	zinc finger, DHHC-type containing 16	ENSECAG00000010295
2.94	SNORD49	Small nucleolar RNA SNORD49	ENSECAG00000026250
2.94		Uncharacterized protein	ENSECAG00000013804
2.93	GRB7	growth factor receptor-bound protein 7	ENSECAG00000012823
2.93	SGK1	serum/glucocorticoid regulated kinase 1	ENSECAG00000020431
2.93	LTBR	lymphotoxin beta receptor (TNFR superfamily, member 3)	ENSECAG00000000458
2.93	TSR3	TSR3, 20S rRNA accumulation, homolog (S. cerevisiae)	ENSECAG00000013501
2.93	PLIN1	perilipin 1	ENSECAG00000013202
2.93	MVB12A	multivesicular body subunit 12A	ENSECAG00000010140
2.93	snoR38	Small nucleolar RNA R38	ENSECAG00000026609

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.93	TMEM101	transmembrane protein 101	ENSECAG00000010148
2.93	BSCL2	Berardinelli-Seip congenital lipodystrophy 2 (seipin)	ENSECAG00000018657
2.93	NME4	NME/NM23 nucleoside diphosphate kinase 4	ENSECAG00000020229
2.93	TMEM259	transmembrane protein 259	ENSECAG00000008443
2.93	ZNF281	zinc finger protein 281	ENSECAG00000024354
2.92	MRPL45	mitochondrial ribosomal protein L45	ENSECAG00000000590
2.92	CENPV	centromere protein V	ENSECAG00000006013
2.92	SLC35A1	solute carrier family 35 (CMP-sialic acid transporter), member A1	ENSECAG00000007207
2.92	ATF6B	activating transcription factor 6 beta	ENSECAG00000021507
2.92	CUEDC2	CUE domain containing 2	ENSECAG00000018237
2.91	MBD3	methyl-CpG binding domain protein 3	ENSECAG00000015485
2.91	NAA20	N(alpha)-acetyltransferase 20, NatB catalytic subunit	ENSECAG00000012609
2.91	CIZ1	CDKN1A interacting zinc finger protein 1	ENSECAG00000007116
2.91	DNTTIP2	deoxynucleotidyltransferase, terminal, interacting protein 2	ENSECAG00000022045
2.91	SPSB3	splA/ryanodine receptor domain and SOCS box containing 3	ENSECAG00000013413
2.91	ZFPL1	zinc finger protein-like 1	ENSECAG00000019712
2.91	VAMP2	vesicle-associated membrane protein 2 (synaptobrevin 2)	ENSECAG00000014189
2.91	CCDC47	coiled-coil domain containing 47	ENSECAG00000014065
2.91	KEAP1	kelch-like ECH-associated protein 1	ENSECAG00000020533
2.91	MED28	mediator complex subunit 28	ENSECAG00000017465
2.90	CALU	calumenin	ENSECAG00000022474
2.90	RBM12	RNA-binding protein 12	ENSECAG00000021997
2.90	FTSJ3	FtsJ homolog 3 (E. coli)	ENSECAG00000011995
2.90	UBXN6	UBX domain protein 6	ENSECAG00000021994
2.90	TPM2	tropomyosin 2 (beta)	ENSECAG00000014009
2.90	GYLTL1B	glycosyltransferase-like 1B	ENSECAG00000014596
2.89	eca-mir-363	eca-mir-363	ENSECAG00000026049
2.89			ENSECAG00000025398
2.89	GMPPA	GDP-mannose pyrophosphorylase A	ENSECAG00000011565
2.89	TMEM200A	transmembrane protein 200A	ENSECAG00000005678

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.88	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)	ENSECAG00000000594
2.88	TJP2	tight junction protein 2	ENSECAG000000016742
2.87	RANGRF	RAN guanine nucleotide release factor	ENSECAG000000015228
2.87	NKX3-1	NK3 homeobox 1	ENSECAG000000001509
2.87	YOD1	YOD1 deubiquitinase	ENSECAG000000009722
2.87			ENSECAG000000017489
2.87	UMPS	uridine monophosphate synthetase	ENSECAG000000009708
2.87	PSMD10	proteasome (prosome, macropain) 26S subunit, non-ATPase, 10	ENSECAG000000020803
2.87	NIPSNAP3A	nipsnap homolog 3A (C. elegans)	ENSECAG000000006103
2.87	SNAPIN	SNAP-associated protein	ENSECAG000000020426
2.86		Uncharacterized protein	ENSECAG000000008278
2.86	MRPS12	mitochondrial ribosomal protein S12	ENSECAG000000013794
2.86	ZNF329	zinc finger protein 329	ENSECAG000000002408
2.86		Enhancer of rudimentary homolog	ENSECAG000000019178
2.86	ZNF239	zinc finger protein 239	ENSECAG000000003179
2.86	GPR137	G protein-coupled receptor 137	ENSECAG000000014977
2.85	SOCS5	suppressor of cytokine signaling 5	ENSECAG000000003393
2.85	MRPS36	mitochondrial ribosomal protein S36	ENSECAG000000026897
2.85	TPD52	tumor protein D52	ENSECAG000000013962
2.85	KIAA1967	KIAA1967	ENSECAG000000020651
2.85	ZNF576	zinc finger protein 576	ENSECAG000000013761
2.85	MKKS	McKusick-Kaufman syndrome	ENSECAG000000019528
2.85		Uncharacterized protein	ENSECAG000000008868
2.85	AGPAT6	1-acylglycerol-3-phosphate O-acyltransferase 6	ENSECAG000000018342
2.85	TRAPPC2L	trafficking protein particle complex 2-like	ENSECAG000000019657
2.85	HADHA	hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase (trifunctional protein), alpha subunit	ENSECAG000000015725
2.84	PCGF2	polycomb group ring finger 2	ENSECAG000000007453
2.84	FBXO9	F-box only protein 9	ENSECAG000000007346
2.83	TAF6	TAF6 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 80kDa	ENSECAG000000008522

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.83	GABARAPL3	GABA(A) receptors associated protein like 3, pseudogene	ENSECAG00000014832
2.83	EXOC7	exocyst complex component 7	ENSECAG00000014848
2.83	TBC1D10B	TBC1 domain family, member 10B	ENSECAG00000022918
2.83	NIF3L1	NIF3 NGG1 interacting factor 3-like 1 (S. cerevisiae)	ENSECAG00000020851
2.83	GTF2F1	general transcription factor IIF, polypeptide 1, 74kDa	ENSECAG00000000246
2.83	TOR1A	torsin family 1, member A (torsin A)	ENSECAG00000013990
2.83	FXR1	fragile X mental retardation, autosomal homolog 1	ENSECAG00000007560
2.82	ZNF638	zinc finger protein 638	ENSECAG00000007715
2.82	TSKU	tsukushi, small leucine rich proteoglycan	ENSECAG00000005924
2.82		Uncharacterized protein	ENSECAG00000007860
2.82	BAK1	BCL2-antagonist/killer 1	ENSECAG00000023902
2.82	CD81	CD81 molecule	ENSECAG00000024654
2.82	PPP2R1A	protein phosphatase 2, regulatory subunit A, alpha	ENSECAG00000018626
2.82	DKC1	dyskeratosis congenita 1, dyskerin	ENSECAG00000023524
2.81	PAQR7	progesterin and adipoQ receptor family member VII	ENSECAG00000005649
2.81	EGFL8	EGF-like-domain, multiple 8	ENSECAG00000009021
2.81	COA4	cytochrome c oxidase assembly factor 4 homolog (S. cerevisiae)	ENSECAG00000022111
2.81	POMGNT1	protein O-linked mannose beta1,2-N-acetylglucosaminyltransferase	ENSECAG00000021963
2.81	PDLIM7	PDZ and LIM domain 7 (enigma)	ENSECAG00000022511
2.81			ENSECAG00000026861
2.81			ENSECAG00000017992
2.81		Uncharacterized protein	ENSECAG00000020916
2.81	GNL3L	guanine nucleotide binding protein-like 3 (nucleolar)-like	ENSECAG00000000035
2.80	PLK1	polo-like kinase 1	ENSECAG00000017777
2.80	DHRS1	dehydrogenase/reductase (SDR family) member 1	ENSECAG00000021432
2.80	UBE2B	ubiquitin-conjugating enzyme E2B	ENSECAG00000016419
2.80	LOX	lysyl oxidase	ENSECAG00000014771
2.80	ECI1	enoyl-CoA delta isomerase 1	ENSECAG00000023693
2.80	ILVBL	ilvB (bacterial acetolactate synthase)-like	ENSECAG00000017231
2.80	LSR	lipolysis stimulated lipoprotein receptor	ENSECAG00000022420

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.80			ENSECAG00000003389
2.79	DNAJB4	DnaJ (Hsp40) homolog, subfamily B, member 4	ENSECAG00000010808
2.79	KIAA0101	KIAA0101	ENSECAG00000026891
2.79	MAD2L1	MAD2 mitotic arrest deficient-like 1 (yeast)	ENSECAG00000013521
2.79	KBTBD4	kelch repeat and BTB (POZ) domain containing 4	ENSECAG00000013258
2.79	COPRS	coordinator of PRMT5, differentiation stimulator	ENSECAG00000006256
2.79	RAB11B	RAB11B, member RAS oncogene family	ENSECAG00000000716
2.78	SDHC	succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa	ENSECAG00000014215
2.78	C9orf64	chromosome 9 open reading frame 64	ENSECAG00000025074
2.77			ENSECAG00000013769
2.77	SAR1B	SAR1 homolog B (S. cerevisiae)	ENSECAG00000012409
2.76	NPL	N-acetylneuraminate pyruvate lyase (dihydrodipicolinate synthase)	ENSECAG00000000650
2.76	SDHD	succinate dehydrogenase complex, subunit D, integral membrane protein	ENSECAG00000026913
2.76	SYN1	synapsin I	ENSECAG00000001372
2.75	SHROOM1	shroom family member 1	ENSECAG00000021746
2.75	ABHD17C	abhydrolase domain containing 17C	ENSECAG00000015653
2.75	HOMER3	homer homolog 3 (Drosophila)	ENSECAG00000023105
2.75		Uncharacterized protein	ENSECAG00000002323
2.75	C1orf43	chromosome 1 open reading frame 43	ENSECAG00000017585
2.75	FDX1	ferredoxin 1	ENSECAG00000017714
2.74	SLC27A3	solute carrier family 27 (fatty acid transporter), member 3	ENSECAG00000015841
2.74	THOC6	THO complex 6 homolog (Drosophila)	ENSECAG00000017046
2.74	OPRK1	opioid receptor, kappa 1	ENSECAG00000014442
2.74	SWI5	SWI5 recombination repair homolog (yeast)	ENSECAG00000023277
2.74	SLC23A1	solute carrier family 23 (nucleobase transporters), member 1	ENSECAG00000021087
2.74	TSPAN6	tetraspanin 6	ENSECAG00000008628
2.74	LONP1	lon peptidase 1, mitochondrial	ENSECAG00000014761
2.74			ENSECAG00000018635
2.74	OXLD1	oxidoreductase-like domain containing 1	ENSECAG00000011732
2.74	FAM53C	family with sequence similarity 53, member C	ENSECAG00000001645

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.74	EDC4	enhancer of mRNA decapping 4	ENSECAG00000010812
2.74	IRF2BP1	interferon regulatory factor 2 binding protein 1	ENSECAG00000005987
2.73	KCTD11	potassium channel tetramerization domain containing 11	ENSECAG00000002911
2.73	CTSZ	cathepsin Z	ENSECAG000000024967
2.73	FAM57A	family with sequence similarity 57, member A	ENSECAG00000006386
2.73	ITGA6	integrin, alpha 6	ENSECAG00000001652
2.73	NOP2	NOP2 nucleolar protein	ENSECAG000000012639
2.73	RRP7A	ribosomal RNA processing 7 homolog A (S. cerevisiae)	ENSECAG000000015168
2.72	SGTA	small glutamine-rich tetratricopeptide repeat (TPR)-containing, alpha	ENSECAG000000010381
2.72	ITGB4	integrin, beta 4	ENSECAG000000010178
2.72	ZMYND19	zinc finger, MYND-type containing 19	ENSECAG000000012412
2.72	SNRPC	small nuclear ribonucleoprotein polypeptide C	ENSECAG000000026848
2.72	PAIP1	poly(A) binding protein interacting protein 1	ENSECAG000000015245
2.72	AIFM1	apoptosis-inducing factor, mitochondrion-associated, 1	ENSECAG000000001360
2.72	LMO1	LIM domain only 1 (rhombotin 1)	ENSECAG000000020254
2.72	ACAA2	acetyl-CoA acyltransferase 2	ENSECAG000000019394
2.72	METAP2	methionyl aminopeptidase 2	ENSECAG000000015390
2.71	UBA5	ubiquitin-like modifier activating enzyme 5	ENSECAG000000021178
2.71	CDK1	cyclin-dependent kinase 1	ENSECAG000000009716
2.71	DNAJB11	DnaJ (Hsp40) homolog, subfamily B, member 11	ENSECAG000000014391
2.71			ENSECAG000000008874
2.71	ZNF134	zinc finger protein 134	ENSECAG000000013270
2.71	PLAGL2	pleiomorphic adenoma gene-like 2	ENSECAG000000008341
2.70	AZI2	5-azacytidine induced 2	ENSECAG000000020392
2.70	PSMA5	proteasome (prosome, macropain) subunit, alpha type, 5	ENSECAG000000011835
2.70		Uncharacterized protein	ENSECAG000000022666
2.70	MYBBP1A	MYB binding protein (P160) 1a	ENSECAG000000024029
2.70	COMT	catechol O-methyltransferase isoform S-COMT	ENSECAG000000007364
2.70	SMARCD2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2	ENSECAG000000011370

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.70	S100A12	S100 calcium binding protein A12	ENSECAG00000009742
2.70			ENSECAG00000005805
2.70	CLK3	CDC-like kinase 3	ENSECAG00000022269
2.70	SF3B3	splicing factor 3b, subunit 3, 130kDa	ENSECAG00000014053
2.70		Uncharacterized protein	ENSECAG00000001487
2.69	SMYD2	SET and MYND domain containing 2	ENSECAG00000022049
2.69	GPX8	glutathione peroxidase 8 (putative)	ENSECAG00000023301
2.69	SETD8	SET domain containing (lysine methyltransferase) 8	ENSECAG00000021039
2.69	C19orf52	chromosome 19 open reading frame 52	ENSECAG00000004504
2.69	EPHA1	EPH receptor A1	ENSECAG00000023882
2.69	GPX7	glutathione peroxidase 7	ENSECAG00000021022
2.69			ENSECAG00000005064
2.69	DDX28	DEAD (Asp-Glu-Ala-Asp) box polypeptide 28	ENSECAG00000006451
2.69	TMEM41A	transmembrane protein 41A	ENSECAG00000014355
2.68	ADAM9	ADAM metalloproteinase domain 9	ENSECAG00000006442
2.68	SNX8	sorting nexin 8	ENSECAG00000023641
2.68	R3HCC1	R3H domain and coiled-coil containing 1	ENSECAG00000025013
2.68	STAT2	signal transducer and activator of transcription 2, 113kDa	ENSECAG00000022326
2.68	TACC3	transforming, acidic coiled-coil containing protein 3	ENSECAG00000011380
2.67	LSM4	LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae)	ENSECAG00000010141
2.67			ENSECAG00000004412
2.67	TLN1	talin 1	ENSECAG00000016464
2.67	LIMK2	LIM domain kinase 2	ENSECAG00000009570
2.67	CHMP2B	charged multivesicular body protein 2B	ENSECAG00000010433
2.66	TMEM50A	transmembrane protein 50A	ENSECAG00000022212
2.66	VPS51	vacuolar protein sorting 51 homolog (S. cerevisiae)	ENSECAG00000020469
2.66	UTP11L	UTP11-like, U3 small nucleolar ribonucleoprotein, (yeast)	ENSECAG00000021551
2.66			ENSECAG00000021004
2.65	ALDH3A2	aldehyde dehydrogenase 3 family, member A2	ENSECAG00000011403
2.65	NELFB	negative elongation factor complex member B	ENSECAG00000007702

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.65	C12orf10	chromosome 12 open reading frame 10	ENSECAG00000011273
2.65	PCCB	propionyl CoA carboxylase, beta polypeptide	ENSECAG00000018515
2.65			ENSECAG00000010350
2.65	NPTN	neuroplastin	ENSECAG00000008148
2.65		Uncharacterized protein	ENSECAG00000003205
2.65	TAX1BP1	Tax1 (human T-cell leukemia virus type I) binding protein 1	ENSECAG00000001911
2.65	RNF25	ring finger protein 25	ENSECAG00000009063
2.65	BLOC1S2	biogenesis of lysosomal organelles complex-1, subunit 2	ENSECAG00000013421
2.64	MALSU1	mitochondrial assembly of ribosomal large subunit 1	ENSECAG00000016105
2.64			ENSECAG00000025067
2.64	PDXDC1	pyridoxal-dependent decarboxylase domain containing 1	ENSECAG00000019385
2.64	MAPK7	mitogen-activated protein kinase 7	ENSECAG00000013433
2.64	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENSECAG00000016330
2.64	ICT1	immature colon carcinoma transcript 1	ENSECAG00000013418
2.63	BAG2	BCL2-associated athanogene 2	ENSECAG00000012417
2.63			ENSECAG00000011956
2.63	BAP1	BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)	ENSECAG00000020681
2.63	AP1G2	adaptor-related protein complex 1, gamma 2 subunit	ENSECAG00000015018
2.63	SUPT4H1	suppressor of Ty 4 homolog 1 (S. cerevisiae)	ENSECAG00000016585
2.63	NISCH	nischarin	ENSECAG00000007104
2.63	SH2B1	SH2B adaptor protein 1	ENSECAG00000023542
2.63	ITPA	inosine triphosphatase (nucleoside triphosphate pyrophosphatase)	ENSECAG00000014049
2.63	CSK	c-src tyrosine kinase	ENSECAG00000013581
2.63	PRKCD	protein kinase C, delta	ENSECAG00000023172
2.63	SLC5A6	solute carrier family 5 (sodium-dependent vitamin transporter), member 6	ENSECAG00000007742
2.63	ENC1	ectodermal-neural cortex 1 (with BTB domain)	ENSECAG00000016706
2.62	MLEC	malectin	ENSECAG00000022275
2.62	MRPL15	mitochondrial ribosomal protein L15	ENSECAG00000012110
2.62	ENY2	enhancer of yellow 2 homolog (Drosophila)	ENSECAG00000023565
2.62	TMEM167B	transmembrane protein 167B	ENSECAG00000004218

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.62	ABCF2	ATP-binding cassette, sub-family F (GCN20), member 2	ENSECAG00000011102
2.62	SHROOM3	shroom family member 3	ENSECAG00000019008
2.61	GNPTG	N-acetylglucosamine-1-phosphate transferase, gamma subunit	ENSECAG00000011390
2.61	ISG12(A)	hypothetical protein LOC100064838	ENSECAG00000017172
2.61	TESK1	testis-specific kinase 1	ENSECAG00000000204
2.61	TARS	threonyl-tRNA synthetase	ENSECAG00000020854
2.61	SNX3	sorting nexin 3	ENSECAG00000022664
2.60	DNAJC28	DnaJ (Hsp40) homolog, subfamily C, member 28	ENSECAG00000019644
2.60	FANCF	Fanconi anemia, complementation group F	ENSECAG00000026812
2.60	R3HDM4	R3H domain containing 4	ENSECAG00000000003
2.60	KLHL11	kelch-like family member 11	ENSECAG00000021494
2.60	CHRNA1	cholinergic receptor, nicotinic, beta 1 (muscle)	ENSECAG00000018244
2.59	CTDSP1	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1	ENSECAG00000008950
2.59	MTERFD3	MTERF domain containing 3	ENSECAG00000014795
2.59	GPR108	G protein-coupled receptor 108	ENSECAG00000014466
2.59	ALAS2	aminolevulinate, delta-, synthase 2	ENSECAG00000000068
2.59	CMBL	carboxymethylenebutenolidase homolog (Pseudomonas)	ENSECAG00000015898
2.59	IAH1	isoamyl acetate-hydrolyzing esterase 1 homolog (S. cerevisiae)	ENSECAG00000018250
2.59	DNLZ	DNL-type zinc finger	ENSECAG00000010755
2.59	HECTD3	HECT domain containing E3 ubiquitin protein ligase 3	ENSECAG00000022793
2.59	SLC31A1	solute carrier family 31 (copper transporter), member 1	ENSECAG00000019587
2.59	MOCS2	molybdenum cofactor synthesis 2	ENSECAG00000005243
2.59	PPM1M	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1M	ENSECAG00000012070
2.59		Uncharacterized protein	ENSECAG00000026934
2.59	TCEAL1	transcription elongation factor A (SII)-like 1	ENSECAG00000002700
2.58			ENSECAG00000024675
2.58	NAE1	NEDD8 activating enzyme E1 subunit 1	ENSECAG00000021954
2.58		Uncharacterized protein	ENSECAG00000019199
2.58		Glutathione S-transferase	ENSECAG00000018102

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.58	SNORD48	Small nucleolar RNA SNORD48	ENSECAG00000025364
2.58	HSPG2	heparan sulfate proteoglycan 2	ENSECAG00000012961
2.58			ENSECAG00000014131
2.57	DSG3	desmoglein 3	ENSECAG00000011388
2.57	ANXA3	annexin A3	ENSECAG00000018419
2.57	USP19	ubiquitin specific peptidase 19	ENSECAG00000016554
2.57	POLR2B	polymerase (RNA) II (DNA directed) polypeptide B, 140kDa	ENSECAG00000013610
2.57	KIFC1	kinesin family member C1	ENSECAG00000024196
2.57	CCDC59	coiled-coil domain containing 59	ENSECAG00000010450
2.56		Uncharacterized protein	ENSECAG00000015850
2.56	SLC25A33	solute carrier family 25 (pyrimidine nucleotide carrier), member 33	ENSECAG00000016862
2.56		Uncharacterized protein	ENSECAG00000013276
2.56	UBE2Z	ubiquitin-conjugating enzyme E2Z	ENSECAG00000021160
2.56	VAR5	valyl-tRNA synthetase	ENSECAG00000014620
2.56			ENSECAG00000020502
2.56	SHMT1	serine hydroxymethyltransferase 1 (soluble)	ENSECAG00000015690
2.56	ABCB6	ATP-binding cassette, sub-family B (MDR/TAP), member 6	ENSECAG00000016378
2.56	TAF11	TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa	ENSECAG00000016725
2.56	COMMD2	COMM domain containing 2	ENSECAG00000022864
2.55	HSPA13	heat shock protein 70kDa family, member 13	ENSECAG00000016866
2.55	BAG3	BCL2-associated athanogene 3	ENSECAG00000005267
2.55		Uncharacterized protein	ENSECAG00000000785
2.55	ZBTB14	zinc finger and BTB domain containing 14	ENSECAG00000019218
2.54	RFNG	RFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase	ENSECAG00000008470
2.54	LUZP1	leucine zipper protein 1	ENSECAG00000000901
2.54	GDPD2	glycerophosphodiester phosphodiesterase domain containing 2	ENSECAG00000007828
2.54		Uncharacterized protein	ENSECAG00000017916
2.54	NTAN1	N-terminal asparagine amidase	ENSECAG00000002715
2.54	SMIM20	small integral membrane protein 20	ENSECAG00000024056

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.53	MOV10	Mov10, Moloney leukemia virus 10, homolog (mouse)	ENSECAG00000011530
2.53			ENSECAG00000002193
2.53	PNO1	partner of NOB1 homolog (S. cerevisiae)	ENSECAG00000011263
2.53	URAHP	urate (hydroxyiso-) hydrolase, pseudogene	ENSECAG00000013487
2.53	MRPS10	mitochondrial ribosomal protein S10	ENSECAG00000015274
2.53	AMPD2	adenosine monophosphate deaminase 2	ENSECAG00000025055
2.53	CCDC64B	coiled-coil domain containing 64B	ENSECAG00000016056
2.53	YDJC	YdjC homolog (bacterial)	ENSECAG00000021034
2.53	IL18BP	interleukin 18 binding protein	ENSECAG00000010231
2.53	BCCIP	BRCA2 and CDKN1A interacting protein	ENSECAG00000012266
2.53	KIF1C	kinesin family member 1C	ENSECAG00000017390
2.53	CLU	Clusterin Clusterin beta chain Clusterin alpha chain	ENSECAG00000007010
2.53	GSTO1	glutathione S-transferase omega 1	ENSECAG00000011560
2.53	CNP	2',3'-cyclic nucleotide 3' phosphodiesterase	ENSECAG00000002521
2.52	C5orf15	chromosome 5 open reading frame 15	ENSECAG00000017207
2.52	ATP6V0D1	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d1	ENSECAG00000015817
2.52	CALCOCO1	calcium binding and coiled-coil domain 1	ENSECAG00000024023
2.52	PPP1R7	protein phosphatase 1, regulatory subunit 7	ENSECAG00000017246
2.51	ABHD16A	abhydrolase domain containing 16A	ENSECAG00000013375
2.51		Uncharacterized protein	ENSECAG00000006174
2.51	FTSJ2	FtsJ RNA methyltransferase homolog 2 (E. coli)	ENSECAG00000012227
2.51	C20orf27	chromosome 20 open reading frame 27	ENSECAG00000021455
2.51	MUT	methylmalonyl CoA mutase	ENSECAG00000007779
2.51	HNRNPUL1	heterogeneous nuclear ribonucleoprotein U-like 1	ENSECAG00000024149
2.50	MRPL21	mitochondrial ribosomal protein L21	ENSECAG00000019258
2.50	DPF2	D4, zinc and double PHD fingers family 2	ENSECAG00000001650
2.50		Uncharacterized protein	ENSECAG00000021750
2.50	FARSA	phenylalanyl-tRNA synthetase, alpha subunit	ENSECAG00000015139
2.50	SAP30L	SAP30-like	ENSECAG00000006680
2.50	EIF4E	eukaryotic translation initiation factor 4E	ENSECAG00000006472

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.49	MRPL39	mitochondrial ribosomal protein L39	ENSECAG00000014964
2.49	TMPO	thymopoietin	ENSECAG00000023461
2.49	HR	hair growth associated	ENSECAG00000010917
2.49			ENSECAG00000000833
2.49		Uncharacterized protein	ENSECAG00000025132
2.49	MPND	MPN domain containing	ENSECAG00000009870
2.48	EXOSC9	exosome component 9	ENSECAG00000024732
2.48	SSX2IP	synovial sarcoma, X breakpoint 2 interacting protein	ENSECAG00000012872
2.48	CYTH2	cytohesin 2	ENSECAG00000009878
2.48	BCLAF1	BCL2-associated transcription factor 1	ENSECAG00000023692
2.48	SMIM12	small integral membrane protein 12	ENSECAG00000023494
2.48	PDHA2	pyruvate dehydrogenase (lipoamide) alpha 2	ENSECAG00000001158
2.47	NUP50	nucleoporin 50kDa	ENSECAG00000016276
2.47	CAMSAP3	calmodulin regulated spectrin-associated protein family, member 3	ENSECAG00000010533
2.47	ZDHHC9	zinc finger, DHHC-type containing 9	ENSECAG00000013490
2.47	LPAR6	lysophosphatidic acid receptor 6	ENSECAG00000004913
2.46	MRPL44	mitochondrial ribosomal protein L44	ENSECAG00000013948
2.46	TTL12	tubulin tyrosine ligase-like family, member 12	ENSECAG00000021781
2.46	RABL6	RAB, member RAS oncogene family-like 6	ENSECAG00000022075
2.46	PLK2	polo-like kinase 2	ENSECAG00000000354
2.46	LEPREL4	leprecan-like 4	ENSECAG00000020280
2.46	SF3A3	splicing factor 3a, subunit 3, 60kDa	ENSECAG00000017333
2.46	KRT79	keratin 79	ENSECAG00000021660
2.46	ZBTB6	zinc finger and BTB domain containing 6	ENSECAG00000002222
2.45	SRSF4	serine/arginine-rich splicing factor 4	ENSECAG00000021350
2.45	FTSJ1	FtsJ RNA methyltransferase homolog 1 (E. coli)	ENSECAG00000019260
2.45	ZSWIM8	zinc finger, SWIM-type containing 8	ENSECAG00000007001
2.45	C10orf2	chromosome 10 open reading frame 2	ENSECAG00000017734
2.45	PRRG3	proline rich Gla (G-carboxyglutamic acid) 3 (transmembrane)	ENSECAG00000000587
2.45	GLRX2	glutaredoxin 2	ENSECAG00000015376

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.45	SECTM1	secreted and transmembrane 1	ENSECAG00000006109
2.45	PRSS35	protease, serine, 35	ENSECAG00000003201
2.45	ANKRD40	ankyrin repeat domain 40	ENSECAG000000012574
2.45	PHF1	PHD finger protein 1	ENSECAG00000001042
2.45	NES	nestin	ENSECAG000000016987
2.44	PAM16	presequence translocase-associated motor 16 homolog (S. cerevisiae)	ENSECAG000000019387
2.44		Uncharacterized protein	ENSECAG000000006855
2.44	WHSC1	Wolf-Hirschhorn syndrome candidate 1	ENSECAG000000011661
2.43	ITPRIPL1	inositol 1,4,5-trisphosphate receptor interacting protein-like 1	ENSECAG000000006936
2.43	IRF9	interferon regulatory factor 9	ENSECAG000000024429
2.43	DBN1	drebrin 1	ENSECAG000000010616
2.43	PCNP	PEST proteolytic signal containing nuclear protein	ENSECAG000000009987
2.43	FKBP10	FK506 binding protein 10, 65 kDa	ENSECAG000000013089
2.42		Uncharacterized protein	ENSECAG000000002317
2.42	GPC1	glypican 1	ENSECAG000000014427
2.42	CLDN12	claudin 12	ENSECAG000000005767
2.42	EDA2R	ectodysplasin A2 receptor	ENSECAG000000026956
2.42	UBQLN1	ubiquilin 1	ENSECAG000000019110
2.42			ENSECAG000000010566
2.42		Uncharacterized protein	ENSECAG000000015895
2.42	KIF22	kinesin family member 22	ENSECAG000000014452
2.42	MCTS1	malignant T cell amplified sequence 1	ENSECAG000000014597
2.41	TMEM9	transmembrane protein 9	ENSECAG000000024329
2.41			ENSECAG000000008166
2.41	GNG12	guanine nucleotide binding protein (G protein), gamma 12	ENSECAG000000014104
2.41	NUCB2	nucleobindin 2	ENSECAG000000016586
2.41	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENSECAG000000021418
2.41	MSL1	male-specific lethal 1 homolog (Drosophila)	ENSECAG000000023981
2.41	SNORA33	Small nucleolar RNA SNORA33	ENSECAG000000025695
2.40	PEG10	retrotransposon-derived protein PEG10 isoform 2	ENSECAG000000001603

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.40	NAP1L4	nucleosome assembly protein 1-like 4	ENSECAG00000000817
2.40	MRI1	methylthioribose-1-phosphate isomerase 1	ENSECAG00000010706
2.40	EFEMP2	EGF containing fibulin-like extracellular matrix protein 2	ENSECAG00000021047
2.40	TECR	trans-2,3-enoyl-CoA reductase	ENSECAG00000018572
2.40	ZFP2	ZFP2 zinc finger protein	ENSECAG00000005156
2.40	RNF19B	ring finger protein 19B	ENSECAG00000012263
2.40	NCBP2	nuclear cap binding protein subunit 2, 20kDa	ENSECAG00000016153
2.40	ARF5	ADP-ribosylation factor 5	ENSECAG00000020291
2.40	RBM5	RNA binding motif protein 5	ENSECAG00000020447
2.40	ERCC6L	excision repair cross-complementing rodent repair deficiency, complementation group 6-like	ENSECAG00000002513
2.39	SLC48A1	solute carrier family 48 (heme transporter), member 1	ENSECAG00000019774
2.39	SNRPA1	small nuclear ribonucleoprotein polypeptide A'	ENSECAG00000019639
2.39	TP53I13	tumor protein p53 inducible protein 13	ENSECAG00000008897
2.39	CREB3L1	cAMP responsive element binding protein 3-like 1	ENSECAG00000018306
2.39	RNF40	ring finger protein 40, E3 ubiquitin protein ligase	ENSECAG00000010801
2.39	TOX4	TOX high mobility group box family member 4	ENSECAG00000006400
2.38	ZC3H15	zinc finger CCCH-type containing 15	ENSECAG00000017149
2.38			ENSECAG00000004336
2.38	PITPNA	phosphatidylinositol transfer protein, alpha	ENSECAG00000016884
2.38	SYAP1	synapse associated protein 1	ENSECAG00000006741
2.38			ENSECAG00000021719
2.38	GADD45G	growth arrest and DNA-damage-inducible, gamma	ENSECAG00000023399
2.38	PC	pyruvate carboxylase	ENSECAG00000024887
2.38	RBM23	RNA binding motif protein 23	ENSECAG00000009910
2.38	IKBIP	IKBKB interacting protein	ENSECAG00000024371
2.38	DAP3	death associated protein 3	ENSECAG00000016401
2.38	GLYCK	glycerate kinase	ENSECAG00000012193
2.37			ENSECAG00000000629
2.37	ATP5SL	ATP5S-like	ENSECAG00000024751

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.37	HK1	hexokinase 1	ENSECAG00000010479
2.36		Uncharacterized protein	ENSECAG00000012141
2.36	ACIN1	apoptotic chromatin condensation inducer 1	ENSECAG00000021097
2.36	SYNCRIP	synaptotagmin binding, cytoplasmic RNA interacting protein	ENSECAG00000012464
2.36	LCN2	lipocalin 2	ENSECAG00000020957
2.36			ENSECAG00000021558
2.36	eca-mir-135a	eca-mir-135a	ENSECAG00000026099
2.36	GMPS	guanine monphosphate synthase	ENSECAG00000023269
2.36	BRD7	bromodomain containing 7	ENSECAG00000013213
2.36	WNT6	wingless-type MMTV integration site family, member 6	ENSECAG00000013092
2.35	SYF2	SYF2 homolog, RNA splicing factor (<i>S. cerevisiae</i>)	ENSECAG00000012023
2.35	ESD	esterase D	ENSECAG00000024350
2.35	RP9	retinitis pigmentosa 9 (autosomal dominant)	ENSECAG00000020428
2.35	TRAP1	TNF receptor-associated protein 1	ENSECAG00000019121
2.35	EIF3A	eukaryotic translation initiation factor 3, subunit A	ENSECAG00000021880
2.35	TSN	translin	ENSECAG00000015930
2.34	TSPAN17	tetraspanin 17	ENSECAG00000022322
2.34	EXOSC8	exosome component 8	ENSECAG00000012606
2.34		Uncharacterized protein	ENSECAG00000001037
2.34	FZD4	frizzled family receptor 4	ENSECAG00000007698
2.34	NASP	nuclear autoantigenic sperm protein (histone-binding)	ENSECAG00000015040
2.34	SLC2A4RG	SLC2A4 regulator	ENSECAG00000020369
2.34	ZBTB34	zinc finger and BTB domain containing 34	ENSECAG00000002871
2.33	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENSECAG00000013053
2.33	ATP5S	ATP synthase, H ⁺ transporting, mitochondrial Fo complex, subunit s (factor B)	ENSECAG00000022429
2.33	MDC1	mediator of DNA-damage checkpoint 1	ENSECAG00000011057
2.33	DNASE2	deoxyribonuclease II, lysosomal	ENSECAG00000018970
2.33	MST1	macrophage stimulating 1 (hepatocyte growth factor-like)	ENSECAG00000021998
2.33	SNRPA	small nuclear ribonucleoprotein polypeptide A	ENSECAG00000013141
2.33	DLK2	delta-like 2 homolog (<i>Drosophila</i>)	ENSECAG00000011919

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.33	SNAPC2	small nuclear RNA activating complex, polypeptide 2, 45kDa	ENSECAG00000011011
2.33	EPAS1	endothelial PAS domain protein 1	ENSECAG00000014594
2.33	POLE4	polymerase (DNA-directed), epsilon 4, accessory subunit	ENSECAG00000021745
2.32	DAPK3	death-associated protein kinase 3	ENSECAG00000012570
2.32	TMEM126B	transmembrane protein 126B	ENSECAG00000010871
2.32	ANXA4	annexin A4	ENSECAG00000012321
2.32			ENSECAG00000001224
2.32	NOC4L	nucleolar complex associated 4 homolog (S. cerevisiae)	ENSECAG00000024217
2.31	C21orf33	chromosome 21 open reading frame 33	ENSECAG00000023406
2.31			ENSECAG00000000290
2.31	ZMIZ2	zinc finger, MIZ-type containing 2	ENSECAG00000024843
2.31	SNORD99	Small nucleolar RNA SNORD99	ENSECAG00000025502
2.31	SMARCD1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1	ENSECAG00000021885
2.31	UBTF	upstream binding transcription factor, RNA polymerase I	ENSECAG00000019162
2.31	NELFA	negative elongation factor complex member A	ENSECAG00000010240
2.31	eca-mir-93	eca-mir-93	ENSECAG00000026489
2.31	MYD88	myeloid differentiation primary response 88	ENSECAG00000001774
2.31	EIF2A	eukaryotic translation initiation factor 2A, 65kDa	ENSECAG00000024832
2.31	DLX6	distal-less homeobox 6	ENSECAG00000019084
2.30	ZNF461	zinc finger protein 461	ENSECAG00000005290
2.30	HIST1H2BN	histone cluster 1, H2bn	ENSECAG00000005124
2.30			ENSECAG00000017480
2.30	RNF126	ring finger protein 126	ENSECAG00000026845
2.30		Uncharacterized protein	ENSECAG00000009627
2.30	CYB5A	cytochrome b5	ENSECAG00000017581
2.30		Uncharacterized protein	ENSECAG00000018611
2.29	CHD3	chromodomain helicase DNA binding protein 3	ENSECAG00000010051
2.29	CLPTM1L	CLPTM1-like	ENSECAG00000013231
2.29	CISD3	CDGSH iron sulfur domain 3	ENSECAG00000011982

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.29	MRPS24	mitochondrial ribosomal protein S24	ENSECAG00000014621
2.29	SLC35C1	solute carrier family 35 (GDP-fucose transporter), member C1	ENSECAG00000000770
2.29	PHC1	polyhomeotic homolog 1 (Drosophila)	ENSECAG00000015666
2.29			ENSECAG00000017360
2.29	SNN	stannin	ENSECAG00000004091
2.29	PPID	peptidylprolyl isomerase D	ENSECAG00000010800
2.29	PES1	pescadillo ribosomal biogenesis factor 1	ENSECAG00000002578
2.29	DNAJC25	DnaJ (Hsp40) homolog, subfamily C , member 25	ENSECAG00000012451
2.29	PLRG1	pleiotropic regulator 1	ENSECAG00000014258
2.29	SMU1	smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans)	ENSECAG00000021146
2.28			ENSECAG00000017822
2.28	MAGEH1	melanoma antigen family H, 1	ENSECAG00000004355
2.28	PCOLCE	procollagen C-endopeptidase enhancer	ENSECAG00000021766
2.28			ENSECAG00000006708
2.28		Uncharacterized protein	ENSECAG00000023133
2.28	RAB14	RAB14, member RAS oncogene family	ENSECAG00000011518
2.27	ESYT1	extended synaptotagmin-like protein 1	ENSECAG00000013110
2.27			ENSECAG00000021748
2.27	FBXL14	F-box and leucine-rich repeat protein 14	ENSECAG00000024760
2.27	CRYL1	crystallin, lambda 1	ENSECAG00000005884
2.27	RND2	Rho family GTPase 2	ENSECAG00000014817
2.26			ENSECAG00000021833
2.26	CABLES2	Cdk5 and Abl enzyme substrate 2	ENSECAG00000013898
2.26	RAB5B	RAB5B, member RAS oncogene family	ENSECAG00000023306
2.26	FBLN1	fibulin 1	ENSECAG00000018101
2.26	PEMT	phosphatidylethanolamine N-methyltransferase	ENSECAG00000020584
2.26	SNORD5	Small nucleolar RNA SNORD5	ENSECAG00000027433
2.26	USP5	ubiquitin specific peptidase 5 (isopeptidase T)	ENSECAG00000014532
2.26	ZMYM3	zinc finger, MYM-type 3	ENSECAG00000000294
2.25	HIST1H2BB	histone cluster 1, H2bb	ENSECAG00000004231

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.25	USF2	upstream transcription factor 2, c-fos interacting	ENSECAG00000008583
2.25	MAGEB16	melanoma antigen family B, 16	ENSECAG00000002499
2.25	CPSF6	cleavage and polyadenylation specific factor 6, 68kDa	ENSECAG00000015988
2.25	CHID1	chitinase domain containing 1	ENSECAG00000013764
2.25	C16orf59	chromosome 16 open reading frame 59	ENSECAG00000018994
2.25	TMED1	transmembrane emp24 protein transport domain containing 1	ENSECAG00000021522
2.25	CDC42EP5	CDC42 effector protein (Rho GTPase binding) 5	ENSECAG00000018216
2.25			ENSECAG00000006734
2.25	MAVS	mitochondrial antiviral signaling protein	ENSECAG00000024618
2.25		Uncharacterized protein	ENSECAG00000008892
2.25		Uncharacterized protein	ENSECAG00000009507
2.25	TXNL1	thioredoxin-like 1	ENSECAG00000021822
2.24	AIMP1	aminoacyl tRNA synthetase complex-interacting multifunctional protein 1	ENSECAG00000006138
2.24			ENSECAG00000007201
2.24	STX10	syntaxin 10	ENSECAG00000013775
2.24			ENSECAG00000024987
2.24		Uncharacterized protein	ENSECAG00000017435
2.24	TMEM199	transmembrane protein 199	ENSECAG00000015855
2.24	PLAT	plasminogen activator, tissue	ENSECAG00000007571
2.24	TXNDC15	thioredoxin domain containing 15	ENSECAG00000016199
2.24	ZFAND6	zinc finger, AN1-type domain 6	ENSECAG00000018130
2.24	AADAC	arylacetamide deacetylase	ENSECAG00000024051
2.24	USP16	ubiquitin specific peptidase 16	ENSECAG00000000423
2.24	MINOS1	mitochondrial inner membrane organizing system 1	ENSECAG00000008250
2.24	FZR1	fizzy/cell division cycle 20 related 1 (Drosophila)	ENSECAG00000016933
2.24	M6PR	mannose-6-phosphate receptor (cation dependent)	ENSECAG00000021995
2.24	WDR77	WD repeat domain 77	ENSECAG00000018629
2.23		Uncharacterized protein	ENSECAG00000022718
2.23	POLD4	polymerase (DNA-directed), delta 4, accessory subunit	ENSECAG00000010008
2.23	CMTM3	CKLF-like MARVEL transmembrane domain containing 3	ENSECAG00000017746

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.23	USP22	ubiquitin specific peptidase 22	ENSECAG00000021820
2.23	SPP1	secreted phosphoprotein 1	ENSECAG00000017191
2.23	SFXN3	sideroflexin 3	ENSECAG00000019285
2.23	PLCXD1	phosphatidylinositol-specific phospholipase C, X domain containing 1	ENSECAG00000016563
2.23	ZNF740	zinc finger protein 740	ENSECAG00000013071
2.23	GSTM4	glutathione S-transferase mu 4	ENSECAG00000024971
2.23	CYHR1	cysteine/histidine-rich 1	ENSECAG00000017872
2.22	ZBTB4	zinc finger and BTB domain containing 4	ENSECAG00000018353
2.22	C17orf58	chromosome 17 open reading frame 58	ENSECAG00000017140
2.22	LARP7	La ribonucleoprotein domain family, member 7	ENSECAG00000000834
2.22	RARS	arginyl-tRNA synthetase	ENSECAG00000024383
2.22	LIN28A	lin-28 homolog A (C. elegans)	ENSECAG00000020267
2.22	DBNDD2	dysbindin (dystrobrevin binding protein 1) domain containing 2	ENSECAG00000000442
2.22			ENSECAG00000002115
2.22	ZFP3	ZFP3 zinc finger protein	ENSECAG00000002496
2.22	PAICS	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase	ENSECAG00000019862
2.22	ACBD3	acyl-CoA binding domain containing 3	ENSECAG00000000084
2.22	CMAS	cytidine monophosphate N-acetylneuraminic acid synthetase	ENSECAG00000008097
2.22	SPRY3	sprouty homolog 3 (Drosophila)	ENSECAG00000002206
2.22	SETD6	SET domain containing 6	ENSECAG00000008587
2.22	EAPP	E2F-associated phosphoprotein	ENSECAG00000009667
2.21	EXOC3	exocyst complex component 3	ENSECAG00000010149
2.21	RTN4R	reticulon 4 receptor	ENSECAG00000004778
2.21	ADIPOR2	adiponectin receptor protein 2	ENSECAG00000016136
2.21	TPPP3	tubulin polymerization-promoting protein family member 3	ENSECAG00000007133
2.21			ENSECAG00000027167
2.21	VPS37B	vacuolar protein sorting 37 homolog B (S. cerevisiae)	ENSECAG00000011048
2.21	NDST2	N-deacetylase/N-sulfotransferase (heparan glucosaminy) 2	ENSECAG00000018379
2.21	ULK3	unc-51 like kinase 3	ENSECAG00000021084

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.21	ORMDL3	ORM1-like 3 (S. cerevisiae)	ENSECAG00000023078
2.21	ZMAT2	zinc finger, matrin-type 2	ENSECAG00000014412
2.20	RNASE6	ribonuclease, RNase A family, k6	ENSECAG00000011733
2.20	ASS1	argininosuccinate synthase 1	ENSECAG00000006717
2.20	DDX20	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20	ENSECAG00000013565
2.20	PYGL	glycogen phosphorylase, liver form	ENSECAG00000011728
2.20	GARS	glycyl-tRNA synthetase	ENSECAG00000019373
2.20	RWDD1	RWD domain containing 1	ENSECAG00000006587
2.20	HPS6	Hermansky-Pudlak syndrome 6	ENSECAG00000004595
2.20	LEPRE1	leucine proline-enriched proteoglycan (leprecan) 1	ENSECAG00000022675
2.20	CGN	cingulin	ENSECAG00000015048
2.20	MRPL35	mitochondrial ribosomal protein L35	ENSECAG00000024527
2.20		Uncharacterized protein	ENSECAG00000023683
2.20	FBXO48	F-box protein 48	ENSECAG00000018966
2.20	CHP2	calcineurin-like EF-hand protein 2	ENSECAG00000017525
2.20	SNX1	sorting nexin 1	ENSECAG00000019019
2.20	NICN1	nicolin 1	ENSECAG00000011269
2.20	NAP1L3	nucleosome assembly protein 1-like 3	ENSECAG00000011723
2.20	CTNNA1	catenin (cadherin-associated protein), alpha 1, 102kDa	ENSECAG00000023991
2.20	HTATIP2	HIV-1 Tat interactive protein 2, 30kDa	ENSECAG00000020077
2.20	GPKOW	G patch domain and KOW motifs	ENSECAG00000018251
2.19	FAM83D	family with sequence similarity 83, member D	ENSECAG00000013238
2.19			ENSECAG00000020018
2.19	THRAP3	thyroid hormone receptor associated protein 3	ENSECAG00000021207
2.19	ING2	inhibitor of growth family, member 2	ENSECAG00000015406
2.19	C16orf13	chromosome 16 open reading frame 13	ENSECAG00000001304
2.19		Uncharacterized protein	ENSECAG00000021068
2.18	TAF13	TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 18kDa	ENSECAG00000006458
2.18	ERBB3	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 3	ENSECAG00000024374

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.18	REEP5	receptor accessory protein 5	ENSECAG00000007767
2.18	LGALS1	lectin, galactoside-binding-like	ENSECAG00000018099
2.18	SH3GLB2	SH3-domain GRB2-like endophilin B2	ENSECAG00000004437
2.18	DHRS7B	dehydrogenase/reductase (SDR family) member 7B	ENSECAG000000022100
2.18			ENSECAG000000002386
2.18	KBTBD2	kelch repeat and BTB (POZ) domain containing 2	ENSECAG000000024001
2.18	PPA1	pyrophosphatase (inorganic) 1	ENSECAG00000018686
2.17	SLC39A5	solute carrier family 39 (zinc transporter), member 5	ENSECAG000000008841
2.17	41884	septin 2	ENSECAG000000017553
2.17	TRA2A	transformer 2 alpha homolog (Drosophila)	ENSECAG000000011508
2.17	CAMLG	calcium modulating ligand	ENSECAG000000001757
2.17	MFHAS1	malignant fibrous histiocytoma amplified sequence 1	ENSECAG000000003495
2.17	NKIRAS2	NFkB inhibitor interacting Ras-like 2	ENSECAG000000017893
2.17	EFHD2	EF-hand domain family, member D2	ENSECAG000000026816
2.17		Uncharacterized protein	ENSECAG000000011141
2.17		Uncharacterized protein	ENSECAG000000008878
2.17	AZIN1	antizyme inhibitor 1	ENSECAG000000016922
2.17	DDRKG1	DDRKG domain containing 1	ENSECAG000000020284
2.17	IP6K2	inositol hexakisphosphate kinase 2	ENSECAG000000006875
2.17		Uncharacterized protein	ENSECAG000000009589
2.17	ZWINT	ZW10 interacting kinetochore protein	ENSECAG000000000633
2.16		Uncharacterized protein	ENSECAG000000019760
2.16	BCAR1	breast cancer anti-estrogen resistance 1	ENSECAG000000014666
2.16		Uncharacterized protein	ENSECAG000000013511
2.16	TRPV5	transient receptor potential cation channel subfamily V member 5	ENSECAG000000004594
2.16	LDLR	low density lipoprotein receptor	ENSECAG000000019557
2.16	E2F4	E2F transcription factor 4, p107/p130-binding	ENSECAG000000015595
2.15	FAM65A	family with sequence similarity 65, member A	ENSECAG000000018681
2.15	TMEM150B	transmembrane protein 150B	ENSECAG000000013225
2.15			ENSECAG000000015667

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.15	ADPRHL2	ADP-ribosylhydrolase like 2	ENSECAG00000013445
2.15	IQCC	IQ motif containing C	ENSECAG00000015656
2.15	MYO1B	myosin IB	ENSECAG00000017765
2.15	XAB2	XPA binding protein 2	ENSECAG00000010502
2.15	SRP54	signal recognition particle 54kDa	ENSECAG00000018042
2.15	FOXRED1	FAD-dependent oxidoreductase domain containing 1	ENSECAG00000022359
2.15	KRT16	keratin 16	ENSECAG00000005067
2.15		Uncharacterized protein	ENSECAG00000004306
2.15	PDE12	phosphodiesterase 12	ENSECAG00000005326
2.14	FBXO6	F-box protein 6	ENSECAG00000009631
2.14	SAMM50	sorting and assembly machinery component 50 homolog (S. cerevisiae)	ENSECAG00000015700
2.14			ENSECAG00000007890
2.14	FAM50A	family with sequence similarity 50, member A	ENSECAG00000023594
2.13	ZNF81	zinc finger protein 81	ENSECAG00000019179
2.13	ZNF623	zinc finger protein 623	ENSECAG00000001299
2.13	PKDCC	protein kinase domain containing, cytoplasmic	ENSECAG00000023535
2.13	C7orf55	chromosome 7 open reading frame 55	ENSECAG00000024646
2.13	ZNF75D	zinc finger protein 75D	ENSECAG00000000619
2.13	PAK6	p21 protein (Cdc42/Rac)-activated kinase 6	ENSECAG00000017471
2.13	FSCN1	fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus)	ENSECAG00000008056
2.13	PAQR4	progesterin and adipoQ receptor family member IV	ENSECAG00000004996
2.13	MIDN	midnolin	ENSECAG00000008194
2.13	NRIP1	nuclear receptor interacting protein 1	ENSECAG00000004762
2.13	NAPA	N-ethylmaleimide-sensitive factor attachment protein, alpha	ENSECAG00000006959
2.12	FLYWCH1	FLYWCH-type zinc finger 1	ENSECAG00000003259
2.12	SLC27A4	solute carrier family 27 (fatty acid transporter), member 4	ENSECAG00000011716
2.12	ZNF425	zinc finger protein 425	ENSECAG00000009899
2.12	PKDREJ	polycystic kidney disease (polycystin) and REJ homolog (sperm receptor for egg jelly homolog, sea urchin)	ENSECAG00000014462
2.12	AEBP1	AE binding protein 1	ENSECAG00000019884

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.12	BECN1	beclin 1, autophagy related	ENSECAG00000018079
2.12	GORASP2	golgi reassembly stacking protein 2, 55kDa	ENSECAG00000013383
2.12	ANXA9	annexin A9	ENSECAG00000014801
2.12	BPI	bactericidal/permeability-increasing protein	ENSECAG00000022085
2.12	MED22	mediator complex subunit 22	ENSECAG00000004668
2.12	YTHDF2	YTH domain family, member 2	ENSECAG00000023108
2.11	PPRC1	peroxisome proliferator-activated receptor gamma, coactivator-related 1	ENSECAG00000009482
2.11	RFC4	replication factor C (activator 1) 4, 37kDa	ENSECAG00000022599
2.11	YARS	tyrosyl-tRNA synthetase	ENSECAG00000010015
2.11			ENSECAG00000007876
2.11	AFP	Alpha-fetoprotein	ENSECAG00000023229
2.11	PTH1H	Parathyroid hormone-related protein Osteostatin	ENSECAG00000014708
2.11	PROM2	prominin 2	ENSECAG00000015240
2.11			ENSECAG00000017635
2.11	SNORA63	Small nucleolar RNA SNORA63	ENSECAG00000025504
2.10	TMEM123	transmembrane protein 123	ENSECAG00000011715
2.10	SEC13	SEC13 homolog (S. cerevisiae)	ENSECAG00000020459
2.10	RAP2C	RAP2C, member of RAS oncogene family	ENSECAG00000020317
2.10	DRG2	developmentally regulated GTP binding protein 2	ENSECAG00000018608
2.10	RHEB	Ras homolog enriched in brain	ENSECAG00000010046
2.10	UBAC1	UBA domain containing 1	ENSECAG00000011717
2.10	STK25	serine/threonine kinase 25	ENSECAG00000017650
2.10	MED11	mediator complex subunit 11	ENSECAG00000018452
2.10	PCMT1	protein-L-isoaspartate (D-aspartate) O-methyltransferase	ENSECAG00000005292
2.09	CCDC8	coiled-coil domain containing 8	ENSECAG00000021129
2.09	FAM214B	family with sequence similarity 214, member B	ENSECAG00000018086
2.09	LRRC41	leucine rich repeat containing 41	ENSECAG00000021548
2.09	PREP	prolyl endopeptidase	ENSECAG00000023502
2.08	VWA5A	von Willebrand factor A domain containing 5A	ENSECAG00000015492
2.08	PIGP	phosphatidylinositol glycan anchor biosynthesis, class P	ENSECAG00000019349

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.08		Uncharacterized protein	ENSECAG00000004972
2.08		Uncharacterized protein	ENSECAG000000017795
2.08		Uncharacterized protein	ENSECAG000000005116
2.08			ENSECAG000000007564
2.08	DUT	deoxyuridine triphosphatase	ENSECAG000000015971
2.08			ENSECAG000000009499
2.08	KRI1	KRI1 homolog (<i>S. cerevisiae</i>)	ENSECAG000000011767
2.08	GPRASP2	G protein-coupled receptor associated sorting protein 2	ENSECAG000000010419
2.07	IRAK1	interleukin-1 receptor-associated kinase 1	ENSECAG000000009585
2.07	CNIH	cornichon homolog (<i>Drosophila</i>)	ENSECAG000000026814
2.07	C18orf8	chromosome 18 open reading frame 8	ENSECAG000000025134
2.07	PFDN2	prefoldin subunit 2	ENSECAG000000020572
2.07	EQMHCB2	MHC class I heavy chain	ENSECAG000000009069
2.07	CNOT7	CCR4-NOT transcription complex, subunit 7	ENSECAG000000005798
2.07	ELP5	elongator acetyltransferase complex subunit 5	ENSECAG000000007118
2.07	BTG3	BTG family, member 3	ENSECAG000000023859
2.07	SNORD70	Small nucleolar RNA SNORD70	ENSECAG000000026598
2.06	TSFM	Ts translation elongation factor, mitochondrial	ENSECAG000000010520
2.06	ADRBK1	adrenergic, beta, receptor kinase 1	ENSECAG000000002944
2.06	TBCE	tubulin folding cofactor E	ENSECAG000000018794
2.06	BCAS2	breast carcinoma amplified sequence 2	ENSECAG000000021026
2.06	ZNF219	zinc finger protein 219	ENSECAG000000013524
2.06	C25H9orf100	vav-like protein C9orf100	ENSECAG000000009073
2.06	LLGL2	lethal giant larvae homolog 2 (<i>Drosophila</i>)	ENSECAG000000008614
2.06	RCN2	reticulocalbin 2, EF-hand calcium binding domain	ENSECAG000000016488
2.06	MED12	mediator complex subunit 12	ENSECAG000000023931
2.05	HIST1H2BM	histone cluster 1, H2bm	ENSECAG000000006785
2.05			ENSECAG000000024470
2.05	PIEZO1	piezo-type mechanosensitive ion channel component 1	ENSECAG000000020292
2.05	VAPB	VAMP (vesicle-associated membrane protein)-associated protein B and C	ENSECAG000000013265

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.05	RPA2	replication protein A2, 32kDa	ENSECAG00000005616
2.05	DGAT1	diacylglycerol O-acyltransferase 1	ENSECAG000000014868
2.05		Uncharacterized protein	ENSECAG000000008121
2.05	NCLN	nicalin	ENSECAG000000015197
2.05	SNORA61	Small nucleolar RNA SNORA61	ENSECAG000000025772
2.05	YIPF4	Yip1 domain family, member 4	ENSECAG000000018837
2.05	SUPT6H	suppressor of Ty 6 homolog (S. cerevisiae)	ENSECAG000000020521
2.05	EIF2B1	eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa	ENSECAG000000021362
2.05	TMEM109	transmembrane protein 109	ENSECAG000000009293
2.05	NIPSNAP3B	nipsnap homolog 3B (C. elegans)	ENSECAG000000008088
2.04	PKP2	plakophilin 2	ENSECAG000000013566
2.04	SNORA42	Small nucleolar RNA SNORA42/SNORA80 family	ENSECAG000000026695
2.04	TMEM51	transmembrane protein 51	ENSECAG000000005574
2.04	BTF3L4	basic transcription factor 3-like 4	ENSECAG000000024180
2.04	CCNL1	cyclin L1	ENSECAG000000008851
2.04	FEM1B	fem-1 homolog b (C. elegans)	ENSECAG000000015587
2.04	RCC2	regulator of chromosome condensation 2	ENSECAG000000024364
2.03	NCAPH2	non-SMC condensin II complex, subunit H2	ENSECAG000000019018
2.03		Uncharacterized protein	ENSECAG000000002620
2.03	RAD52	RAD52 homolog (S. cerevisiae)	ENSECAG000000018676
2.03	INO80E	INO80 complex subunit E	ENSECAG000000015015
2.03	HIF1AN	hypoxia inducible factor 1, alpha subunit inhibitor	ENSECAG000000009178
2.03	ACTR2	ARP2 actin-related protein 2 homolog (yeast)	ENSECAG000000009219
2.03	PCIF1	PDX1 C-terminal inhibiting factor 1	ENSECAG000000018839
2.03	GIT1	G protein-coupled receptor kinase interacting ArfGAP 1	ENSECAG000000008938
2.03	SCNN1A	sodium channel, non-voltage-gated 1 alpha subunit	ENSECAG000000001443
2.03	IRF7	interferon regulatory factor 7	ENSECAG000000009744
2.03	OGT	O-linked N-acetylglucosamine (GlcNAc) transferase	ENSECAG000000023721
2.02	WDR5	WD repeat domain 5	ENSECAG000000017389
2.02	LRP2	low density lipoprotein receptor-related protein 2	ENSECAG000000000435

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
2.02			ENSECAG00000021007
2.02	SEC63	SEC63 homolog (S. cerevisiae)	ENSECAG00000006392
2.02	ANKRA2	ankyrin repeat, family A (RFXANK-like), 2	ENSECAG00000021071
2.02	TAT	tyrosine aminotransferase	ENSECAG00000021565
2.02	THOC5	THO complex 5	ENSECAG00000011444
2.02	LSM6	LSM6 homolog, U6 small nuclear RNA associated (S. cerevisiae)	ENSECAG00000021036
2.02	EIF3J	eukaryotic translation initiation factor 3, subunit J	ENSECAG00000008716
2.02	ADORA2A	adenosine receptor A2a	ENSECAG00000004168
2.02	CIAPIN1	cytokine induced apoptosis inhibitor 1	ENSECAG00000000060
2.02	SNORD14	Small nucleolar RNA SNORD14	ENSECAG00000025511
2.01	MCT4	monocarboxylate transporter	ENSECAG00000009524
2.01	MEN1	multiple endocrine neoplasia I	ENSECAG00000008076
2.01	KRT13	keratin 13	ENSECAG00000017274
2.01	KATNA1	katanin p60 (ATPase containing) subunit A 1	ENSECAG00000010086
2.01	COCH	cochlin	ENSECAG00000021944
2.01	MAPK12	mitogen-activated protein kinase 12	ENSECAG00000017373
2.01	ZNF622	zinc finger protein 622	ENSECAG00000020350
2.01	RTCA	RNA 3'-terminal phosphate cyclase	ENSECAG00000019831
2.00	NCKAP5L	NCK-associated protein 5-like	ENSECAG00000019044
2.00	GRSF1	G-rich RNA sequence binding factor 1	ENSECAG00000024208
2.00	EXO5	exonuclease 5	ENSECAG00000004928
2.00	ZNRD1	zinc ribbon domain containing 1	ENSECAG00000015919
2.00	SOX9	SRY (sex determining region Y)-box 9	ENSECAG00000022037
2.00	BAG1	BCL2-associated athanogene	ENSECAG00000017942
2.00	LAMA5	laminin, alpha 5	ENSECAG00000023274
2.00	LRRFIP1	leucine rich repeat (in FLII) interacting protein 1	ENSECAG00000016447
2.00	NR2F2	nuclear receptor subfamily 2, group F, member 2	ENSECAG00000008381
2.00	TMEM63B	transmembrane protein 63B	ENSECAG00000013055
2.00	SNORD12	Small nucleolar SNORD12/SNORD106	ENSECAG00000025237
1.99	U2	U2 spliceosomal RNA	ENSECAG00000025273

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.99	EXOC8	exocyst complex component 8	ENSECAG00000003363
1.99	NUBP2	nucleotide binding protein 2	ENSECAG000000012545
1.99	CDS1	CDP-diacylglycerol synthase (phosphatidate cytidyltransferase) 1	ENSECAG000000011962
1.99	SNORA42	Small nucleolar RNA SNORA42/SNORA80 family	ENSECAG000000025225
1.99	SNRNP27	small nuclear ribonucleoprotein 27kDa (U4/U6.U5)	ENSECAG000000016025
1.99	THAP7	THAP domain containing 7	ENSECAG000000021648
1.99	SLC35A3	solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter), member A3	ENSECAG000000008568
1.99	PNPLA2	patatin-like phospholipase domain containing 2	ENSECAG000000012411
1.99	TCF19	transcription factor 19	ENSECAG000000007872
1.99	NARS	asparaginyl-tRNA synthetase	ENSECAG000000017066
1.99	IHH	indian hedgehog	ENSECAG000000003802
1.99	PRPF4	PRP4 pre-mRNA processing factor 4 homolog (yeast)	ENSECAG000000007072
1.99	ZNF655	zinc finger protein 655	ENSECAG000000019599
1.99	NSDHL	NAD(P) dependent steroid dehydrogenase-like	ENSECAG000000001722
1.98			ENSECAG000000000045
1.98	TTYH3	tweety homolog 3 (Drosophila)	ENSECAG000000005100
1.98	HDAC1	histone deacetylase 1	ENSECAG000000016082
1.98	TYRO3	TYRO3 protein tyrosine kinase	ENSECAG000000017862
1.98	SNORD110	Small nucleolar RNA SNORD110	ENSECAG000000026522
1.98	HSD17B7	hydroxysteroid (17-beta) dehydrogenase 7	ENSECAG000000024992
1.98	SEC62	SEC62 homolog (S. cerevisiae)	ENSECAG000000017105
1.98	SGSM3	small G protein signaling modulator 3	ENSECAG000000022296
1.98	GNPAT	glyceronephosphate O-acyltransferase	ENSECAG000000005906
1.98	HAL	histidine ammonia-lyase	ENSECAG000000008161
1.98	TMEM69	transmembrane protein 69	ENSECAG000000023467
1.98	ATG4D	autophagy related 4D, cysteine peptidase	ENSECAG000000015306
1.98	KIAA0196	KIAA0196	ENSECAG000000024402
1.98	GGCX	gamma-glutamyl carboxylase	ENSECAG000000010458
1.97	KRT14	keratin 14	ENSECAG000000011583

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.97	KIAA1161	KIAA1161	ENSECAG00000004776
1.97	RASL11A	RAS-like, family 11, member A	ENSECAG000000012858
1.97	MPRIP	myosin phosphatase Rho interacting protein	ENSECAG000000021225
1.97	CTNND1	catenin (cadherin-associated protein), delta 1	ENSECAG000000017542
1.97	DCN	Decorin	ENSECAG000000020413
1.97	UAP1	UDP-N-acteylglucosamine pyrophosphorylase 1	ENSECAG000000022006
1.97		Uncharacterized protein	ENSECAG000000022947
1.96	SNORD26	Small nucleolar RNA SNORD26	ENSECAG000000025944
1.96	ZNF527	zinc finger protein 527	ENSECAG000000005272
1.96	ECA.12751	peroxisomal multifunctional enzyme type 2	ENSECAG000000017805
1.96	SUPT5H	suppressor of Ty 5 homolog (S. cerevisiae)	ENSECAG000000013309
1.96	CRADD	CASP2 and RIPK1 domain containing adaptor with death domain	ENSECAG000000006833
1.96	CCDC107	coiled-coil domain containing 107	ENSECAG000000009013
1.96	SHKBP1	SH3KBP1 binding protein 1	ENSECAG000000007556
1.96	NTF4	neurotrophin 4	ENSECAG000000008681
1.96	OGG1	8-oxoguanine DNA glycosylase	ENSECAG000000010671
1.96	ZFYVE19	zinc finger, FYVE domain containing 19	ENSECAG000000011424
1.96	MRPL49	mitochondrial ribosomal protein L49	ENSECAG000000022196
1.96	SEC16A	SEC16 homolog A (S. cerevisiae)	ENSECAG000000006377
1.96		Proteasome subunit alpha type	ENSECAG000000012783
1.96			ENSECAG000000020707
1.95	LRRC4B	leucine rich repeat containing 4B	ENSECAG000000014599
1.95	ZNF526	zinc finger protein 526	ENSECAG000000003502
1.95	SREK1	splicing regulatory glutamine/lysine-rich protein 1	ENSECAG000000018080
1.95	C1orf172	chromosome 1 open reading frame 172	ENSECAG000000020561
1.95	TRIM56	tripartite motif containing 56	ENSECAG000000019517
1.95	SLC12A4	solute carrier family 12 (potassium/chloride transporters), member 4	ENSECAG000000011181
1.95	PIH1D1	PIH1 domain containing 1	ENSECAG000000021267
1.95	NMRAL1	NmrA-like family domain containing 1	ENSECAG000000019034
1.95	GCLM	glutamate-cysteine ligase, modifier subunit	ENSECAG000000021993

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.95	MUM1L1	melanoma associated antigen (mutated) 1-like 1	ENSECAG00000003067
1.95	UFSP1	UFM1-specific peptidase 1 (non-functional)	ENSECAG00000006380
1.95	eca-let-7f	eca-let-7f	ENSECAG000000025660
1.95		Uncharacterized protein	ENSECAG000000013940
1.95	MGP	matrix Gla protein	ENSECAG000000010721
1.95	OLFML3	olfactomedin-like 3	ENSECAG000000013439
1.95	NT5DC2	5'-nucleotidase domain containing 2	ENSECAG000000015835
1.95	CYB5A	cytochrome b5 type A (microsomal)	ENSECAG000000006828
1.95	PNISR	PNN-interacting serine/arginine-rich protein	ENSECAG000000019782
1.94	DDX56	DEAD (Asp-Glu-Ala-Asp) box helicase 56	ENSECAG000000019897
1.94	PRRG2	proline rich Gla (G-carboxyglutamic acid) 2	ENSECAG000000011504
1.94	HARBI1	harbinger transposase derived 1	ENSECAG000000024452
1.94	TRAF7	TNF receptor-associated factor 7, E3 ubiquitin protein ligase	ENSECAG000000017744
1.94	HYAL1	hyaluronoglucosaminidase 1	ENSECAG000000017573
1.94			ENSECAG000000002933
1.94	YWHAQ	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide	ENSECAG000000004925
1.94	CDT1	chromatin licensing and DNA replication factor 1	ENSECAG000000005547
1.94	SLC46A3	solute carrier family 46, member 3	ENSECAG000000011432
1.94	ARMC10	armadillo repeat containing 10	ENSECAG000000011461
1.94	MAPK8IP2	mitogen-activated protein kinase 8 interacting protein 2	ENSECAG000000017304
1.94	PDCD6IP	programmed cell death 6 interacting protein	ENSECAG000000004691
1.94	SELK	selenoprotein K	ENSECAG000000026955
1.94	DDX49	DEAD (Asp-Glu-Ala-Asp) box polypeptide 49	ENSECAG000000012194
1.94	eca-mir-302d	eca-mir-302d	ENSECAG000000025248
1.94	PPP2R5D	protein phosphatase 2, regulatory subunit B', delta	ENSECAG000000006405
1.93	ADPGK	ADP-dependent glucokinase	ENSECAG000000020480
1.93			ENSECAG000000004150
1.93	CPT2	carnitine palmitoyltransferase 2	ENSECAG000000022130
1.93	LMAN1	lectin, mannose-binding, 1	ENSECAG000000020570

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.93		Uncharacterized protein	ENSECAG00000014403
1.93	KCNK1	potassium channel, subfamily K, member 1	ENSECAG00000009313
1.93	ACTR10	actin-related protein 10 homolog (S. cerevisiae)	ENSECAG00000018903
1.93	EGFL7	EGF-like-domain, multiple 7	ENSECAG00000015593
1.93	SNORD12	Small nucleolar SNORD12/SNORD106	ENSECAG00000025864
1.93	NUCB1	nucleobindin 1	ENSECAG00000013307
1.93	GBGT1	globoside alpha-1,3-N-acetylgalactosaminyltransferase 1	ENSECAG00000012442
1.93	TSR2	TSR2, 20S rRNA accumulation, homolog (S. cerevisiae)	ENSECAG00000000023
1.93	ABCE1	ATP-binding cassette, sub-family E (OABP), member 1	ENSECAG00000023648
1.92	EML3	echinoderm microtubule associated protein like 3	ENSECAG00000011974
1.92	LYPLA1	lysophospholipase I	ENSECAG00000016530
1.92	HDAC3	histone deacetylase 3	ENSECAG00000020589
1.92	ZADH2	zinc binding alcohol dehydrogenase domain containing 2	ENSECAG00000002635
1.92	APTX	aprataxin	ENSECAG00000012674
1.92	BAHD1	bromo adjacent homology domain containing 1	ENSECAG00000000916
1.92	U6	U6 spliceosomal RNA	ENSECAG00000025278
1.92	HEATR1	HEAT repeat containing 1	ENSECAG00000021443
1.92	WDR5B	WD repeat domain 5B	ENSECAG00000005033
1.92	CINP	cyclin-dependent kinase 2 interacting protein	ENSECAG00000019092
1.92	CCDC124	coiled-coil domain containing 124	ENSECAG00000005483
1.91	RGAG4	retrotransposon gag domain containing 4	ENSECAG00000023894
1.91	RPE	ribulose-5-phosphate-3-epimerase	ENSECAG00000000002
1.91	PCDH1	protocadherin 1	ENSECAG00000015153
1.91	HARS2	histidyl-tRNA synthetase 2, mitochondrial	ENSECAG00000014461
1.91	ZBTB18	zinc finger and BTB domain containing 18	ENSECAG00000018829
1.91		Uncharacterized protein	ENSECAG00000021572
1.91	DDX24	DEAD (Asp-Glu-Ala-Asp) box helicase 24	ENSECAG00000008887
1.91	SDR42E1	short chain dehydrogenase/reductase family 42E, member 1	ENSECAG00000011349
1.91	TRIOBP	TRIO and F-actin binding protein	ENSECAG00000011688
1.91	KCNE1	potassium voltage-gated channel, Isk-related family, member 1	ENSECAG00000004065

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.91	TMEM230	transmembrane protein 230	ENSECAG00000013222
1.90	GCA	grancalcin, EF-hand calcium binding protein	ENSECAG00000022290
1.90	PRDX4	peroxiredoxin 4	ENSECAG00000010085
1.90	RBM22	RNA binding motif protein 22	ENSECAG00000014940
1.90	RIOK3	RIO kinase 3	ENSECAG00000009028
1.90	FBXO5	F-box protein 5	ENSECAG00000011630
1.90	EBPL	emopamil binding protein-like	ENSECAG00000021272
1.90	CYB5R3	cytochrome b5 reductase 3	ENSECAG00000008452
1.90	RBM10	RNA binding motif protein 10	ENSECAG00000000287
1.90	KHNYN	KH and NYN domain containing	ENSECAG00000021451
1.90	SUMO1	small ubiquitin-like modifier 1	ENSECAG00000024693
1.90	RAD21	RAD21 homolog (S. pombe)	ENSECAG00000016392
1.90	ZDHC5	zinc finger, DHHC-type containing 5	ENSECAG00000011648
1.90	SRP72	signal recognition particle 72kDa	ENSECAG00000006920
1.90	HADH	hydroxyacyl-CoA dehydrogenase	ENSECAG00000020211
1.89	GART	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase	ENSECAG00000019797
1.89	IPO9	importin 9	ENSECAG00000024368
1.89	SNORA31	Small nucleolar RNA SNORA31	ENSECAG00000027525
1.89	LRRC14	leucine rich repeat containing 14	ENSECAG00000022385
1.89	ASL	argininosuccinate lyase	ENSECAG00000012730
1.89	TM9SF4	transmembrane 9 superfamily protein member 4	ENSECAG00000000547
1.89	PLAUR	urokinase plasminogen activator surface receptor	ENSECAG00000022127
1.89	PMVK	phosphomevalonate kinase	ENSECAG00000016089
1.89	PIN4	protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin)	ENSECAG00000000364
1.89	NAALAD2	N-acetylated alpha-linked acidic dipeptidase 2	ENSECAG00000014871
1.89	SLC38A2	solute carrier family 38, member 2	ENSECAG00000014498
1.89	RAB11FIP1	RAB11 family interacting protein 1 (class I)	ENSECAG00000016134
1.89	POLR2A	polymerase (RNA) II (DNA directed) polypeptide A, 220kDa	ENSECAG00000018485
1.89	THOC3	THO complex 3	ENSECAG00000011555

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.88	SEC14L1	SEC14-like 1 (<i>S. cerevisiae</i>)	ENSECAG00000014473
1.88	MUL1	mitochondrial E3 ubiquitin protein ligase 1	ENSECAG00000015506
1.88	SSBP4	single stranded DNA binding protein 4	ENSECAG00000017720
1.88	C17orf103	chromosome 17 open reading frame 103	ENSECAG00000022238
1.88	STX5	syntaxin 5	ENSECAG00000008632
1.88	INTS5	integrator complex subunit 5	ENSECAG00000017300
1.88	FAM96A	MIP18 family protein FAM96A	ENSECAG00000010303
1.88	DNAJC2	DnaJ (Hsp40) homolog, subfamily C, member 2	ENSECAG00000007573
1.88	WDR12	WD repeat domain 12	ENSECAG00000009547
1.88	MORN2	MORN repeat containing 2	ENSECAG00000018735
1.88	MFSD10	major facilitator superfamily domain containing 10	ENSECAG00000010491
1.88	UBALD1	UBA-like domain containing 1	ENSECAG00000013451
1.88	CSTA	cystatin A (stefin A)	ENSECAG00000024043
1.88	RMND5B	required for meiotic nuclear division 5 homolog B (<i>S. cerevisiae</i>)	ENSECAG00000000675
1.87	SCAP	SREBF chaperone	ENSECAG00000024420
1.87	NOB1	NIN1/RPN12 binding protein 1 homolog (<i>S. cerevisiae</i>)	ENSECAG00000023748
1.87	BLCAP	bladder cancer associated protein	ENSECAG00000016728
1.87	MAD2L1BP	MAD2L1 binding protein	ENSECAG00000025158
1.87	ANKHD1	ankyrin repeat and KH domain-containing protein 1	ENSECAG00000015036
1.87	PPIH	peptidylprolyl isomerase H (cyclophilin H)	ENSECAG00000009890
1.87		Uncharacterized protein	ENSECAG00000017229
1.87	PSMB7	proteasome (prosome, macropain) subunit, beta type, 7	ENSECAG00000023415
1.87	snoZ17	Small nucleolar RNA Z17	ENSECAG00000025414
1.87	CYB5R1	cytochrome b5 reductase 1	ENSECAG00000009763
1.87	SNW1	SNW domain containing 1	ENSECAG00000005797
1.87	HIST1H2BL	histone cluster 1, H2bl	ENSECAG00000007697
1.86	ZNF3	zinc finger protein 3	ENSECAG00000024649
1.86	SPLA2	secretory phospholipase A2	ENSECAG00000010997
1.86	PSPH	phosphoserine phosphatase	ENSECAG00000020880
1.86		Uncharacterized protein	ENSECAG00000006075

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.86	UBE2J1	ubiquitin-conjugating enzyme E2, J1	ENSECAG00000012492
1.86	RAB2A	RAB2A, member RAS oncogene family	ENSECAG00000012124
1.86	CAPN5	calpain 5	ENSECAG00000015125
1.85	SNX22	sorting nexin-22	ENSECAG00000017605
1.85	ZNF646	zinc finger protein 646	ENSECAG00000008184
1.85	SNCG	synuclein, gamma (breast cancer-specific protein 1)	ENSECAG00000013252
1.85	TMEM30A	transmembrane protein 30A	ENSECAG00000013904
1.85	CSE1L	CSE1 chromosome segregation 1-like (yeast)	ENSECAG00000015543
1.85	POFUT2	protein O-fucosyltransferase 2	ENSECAG00000004992
1.85	IL1RN	Interleukin-1 receptor antagonist protein	ENSECAG00000004312
1.85	EIF3H	eukaryotic translation initiation factor 3, subunit H	ENSECAG00000022019
1.85	USP27X	ubiquitin specific peptidase 27, X-linked	ENSECAG00000009308
1.85	CLSTN2	calsyntenin 2	ENSECAG00000022054
1.85	PAPOLA	poly(A) polymerase alpha	ENSECAG00000021027
1.85	C1QTNF3	C1q and tumor necrosis factor related protein 3	ENSECAG00000022273
1.85	FANCG	Fanconi anemia, complementation group G	ENSECAG00000016063
1.85		Tuftelin-interacting protein 11	ENSECAG00000004795
1.85	C6orf203	chromosome 6 open reading frame 203	ENSECAG00000023985
1.85	RNF139	ring finger protein 139	ENSECAG00000008926
1.85	GOT1	glutamic-oxaloacetic transaminase 1, soluble	ENSECAG00000000095
1.85	SNORA31	Small nucleolar RNA SNORA31	ENSECAG00000025737
1.85	MPHOSPH10	M-phase phosphoprotein 10 (U3 small nucleolar ribonucleoprotein)	ENSECAG00000005944
1.85	MVD	mevalonate (diphospho) decarboxylase	ENSECAG00000011206
1.85	NRN1	neuritin 1	ENSECAG00000007120
1.85	DDA1	DET1 and DDB1 associated 1	ENSECAG00000011742
1.84	ISOC1	isochorismatase domain containing 1	ENSECAG00000005331
1.84	THTPA	thiamine triphosphatase	ENSECAG00000014559
1.84	C1orf174	chromosome 1 open reading frame 174	ENSECAG00000020498
1.84	SMEK1	SMEK homolog 1, suppressor of mek1 (Dictyostelium)	ENSECAG00000011172
1.84			ENSECAG00000025669

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.84	MIF4GD	MIF4G domain containing	ENSECAG00000018586
1.84	ZNF181	zinc finger protein 181	ENSECAG00000011139
1.84			ENSECAG00000014971
1.84	SMIM19	small integral membrane protein 19	ENSECAG00000000412
1.84	CAPN2	calpain 2, (m/II) large subunit	ENSECAG00000008742
1.84		Uncharacterized protein	ENSECAG00000001513
1.84	ACSL3	acyl-CoA synthetase long-chain family member 3	ENSECAG00000010765
1.84	TRAPPC3	trafficking protein particle complex 3	ENSECAG00000012569
1.84	EMC10	ER membrane protein complex subunit 10	ENSECAG00000012654
1.84	RRAGC	Ras-related GTP binding C	ENSECAG00000019915
1.84	LGALS8	lectin, galactoside-binding, soluble, 8	ENSECAG00000015230
1.84		Uncharacterized protein	ENSECAG00000008805
1.84	41890	septin 8	ENSECAG00000022349
1.84	NUP98	nucleoporin 98kDa	ENSECAG00000015336
1.84	AURKA	aurora kinase A	ENSECAG00000023961
1.84	MRPS21	mitochondrial ribosomal protein S21	ENSECAG00000009845
1.84	SEMA4B	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B	ENSECAG00000022668
1.83	TSEN54	tRNA splicing endonuclease 54 homolog (S. cerevisiae)	ENSECAG00000004924
1.83	LY6G5B	lymphocyte antigen 6 complex, locus G5B	ENSECAG00000008410
1.83	ADCK5	aarF domain containing kinase 5	ENSECAG00000018817
1.83	EREG	epiregulin	ENSECAG00000007588
1.83	SLC25A28	solute carrier family 25 (mitochondrial iron transporter), member 28	ENSECAG00000009356
1.83			ENSECAG00000023307
1.83	GLTPD1	glycolipid transfer protein domain containing 1	ENSECAG00000023234
1.83	GALNT1	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1 (GalNAc-T1)	ENSECAG00000022190
1.83	KCMF1	potassium channel modulatory factor 1	ENSECAG00000024834
1.83	RPP40	ribonuclease P/MRP 40kDa subunit	ENSECAG00000017247
1.83	TYMS	thymidylate synthetase	ENSECAG00000023203

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.83	MMP15	matrix metalloproteinase 15 (membrane-inserted)	ENSECAG00000000196
1.83	RALA	v-ral simian leukemia viral oncogene homolog A (ras related)	ENSECAG000000017044
1.83	GGH	gamma-glutamyl hydrolase (conjugase, folylpolyglutamyl hydrolase)	ENSECAG000000014903
1.83	ANGPTL6	angiopoietin-like 6	ENSECAG000000024918
1.83	MAFG	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog G	ENSECAG000000017470
1.83	FCF1	FCF1 rRNA-processing protein	ENSECAG000000008261
1.83		Uncharacterized protein	ENSECAG000000000140
1.83	GPR1	G protein-coupled receptor 1	ENSECAG000000004408
1.82	GATA2	GATA binding protein 2	ENSECAG000000016768
1.82	CRABP1	cellular retinoic acid binding protein 1	ENSECAG000000015978
1.82	NAA60	N(alpha)-acetyltransferase 60, NatF catalytic subunit	ENSECAG000000020622
1.82	MED31	mediator complex subunit 31	ENSECAG000000024998
1.82	COQ2	coenzyme Q2 4-hydroxybenzoate polyprenyltransferase	ENSECAG000000012542
1.82			ENSECAG000000009412
1.82	DENND6B	DENN/MADD domain containing 6B	ENSECAG000000013516
1.82	TMEM186	transmembrane protein 186	ENSECAG000000004226
1.82	CDK10	cyclin-dependent kinase 10	ENSECAG000000024995
1.82	CCDC166	coiled-coil domain containing 166	ENSECAG000000018930
1.82	ATP6V1A	ATPase, H ⁺ transporting, lysosomal 70kDa, V1 subunit A	ENSECAG000000021773
1.82	TMEM132A	transmembrane protein 132A	ENSECAG000000009314
1.82	STX4	syntaxin 4	ENSECAG000000010655
1.82	IL1B	interleukin-1 beta precursor	ENSECAG000000000168
1.82	ARRB2	arrestin, beta 2	ENSECAG000000018471
1.82		7-51 putative nonclassical MHC class I antigen	ENSECAG000000023595
1.82	TSPYL4	TSPY-like 4	ENSECAG000000003597
1.81	METTL3	methyltransferase like 3	ENSECAG000000013168
1.81	STARD10	StAR-related lipid transfer (START) domain containing 10	ENSECAG000000015358
1.81	OSGEP	O-sialoglycoprotein endopeptidase	ENSECAG000000015096
1.81	C1orf63	chromosome 1 open reading frame 63	ENSECAG000000007744
1.81	UNC45A	unc-45 homolog A (C. elegans)	ENSECAG000000018965

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.81	U8	U8 small nucleolar RNA	ENSECAG00000025735
1.81	SNORD105	Small nucleolar RNA SNORD105	ENSECAG00000026339
1.81	SEC31A	SEC31 homolog A (S. cerevisiae)	ENSECAG00000017741
1.81	RIT1	Ras-like without CAAX 1	ENSECAG00000015714
1.81	RRM1	ribonucleotide reductase M1	ENSECAG00000023847
1.81	CDCA7	cell division cycle associated 7	ENSECAG00000011492
1.81	ZNF513	zinc finger protein 513	ENSECAG00000008865
1.81	NFYC	nuclear transcription factor Y, gamma	ENSECAG00000000678
1.81	C12orf65	chromosome 12 open reading frame 65	ENSECAG00000001057
1.81	PRC1	protein regulator of cytokinesis 1	ENSECAG00000017906
1.81	PPP2CB	protein phosphatase 2, catalytic subunit, beta isozyme	ENSECAG00000011173
1.81	SLC16A13	solute carrier family 16, member 13 (monocarboxylic acid transporter 13)	ENSECAG00000023782
1.81	DDX42	DEAD (Asp-Glu-Ala-Asp) box helicase 42	ENSECAG00000022684
1.81	C7orf10	chromosome 7 open reading frame 10	ENSECAG00000020946
1.80	HIST1H2AB	histone cluster 1, H2ab	ENSECAG00000007193
1.80	TXNL4A	thioredoxin-like 4A	ENSECAG00000006468
1.80	SNORD16	Small nucleolar RNA SNORD16	ENSECAG00000025690
1.80	FUZ	fuzzy planar cell polarity protein	ENSECAG00000019538
1.80	GSTZ1	glutathione S-transferase zeta 1	ENSECAG00000011265
1.80	CSNK1G2	casein kinase 1, gamma 2	ENSECAG00000014371
1.80	MOB3A	MOB kinase activator 3A	ENSECAG00000007444
1.80	LTA4H	leukotriene A4 hydrolase	ENSECAG00000008767
1.80	BTBD2	BTB (POZ) domain containing 2	ENSECAG00000020996
1.80	GLB1	galactosidase, beta 1	ENSECAG00000011942
1.80	TAOK2	TAO kinase 2	ENSECAG00000021114
1.80	GTPBP4	GTP binding protein 4	ENSECAG00000001700
1.80	GRHL1	grainyhead-like 1 (Drosophila)	ENSECAG00000015969
1.80		Uncharacterized protein	ENSECAG00000021406
1.80	ECSIT	ECSIT signalling integrator	ENSECAG00000016897
1.80	VTN	vitronectin	ENSECAG00000015904

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.80	TBC1D20	TBC1 domain family, member 20	ENSECAG00000017440
1.80	AAAS	achalasia, adrenocortical insufficiency, alacrimia	ENSECAG00000012966
1.80	DECR2	2,4-dienoyl CoA reductase 2, peroxisomal	ENSECAG00000012314
1.80	ECHDC1	enoyl CoA hydratase domain containing 1	ENSECAG00000020652
1.80	DNAJC24	DnaJ (Hsp40) homolog, subfamily C, member 24	ENSECAG00000020499
1.79	C3orf38	chromosome 3 open reading frame 38	ENSECAG00000005084
1.79	GDPGP1	GDP-D-glucose phosphorylase 1	ENSECAG00000004439
1.79	METTL22	methyltransferase like 22	ENSECAG00000011022
1.79	CHST8	carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 8	ENSECAG00000008591
1.79	SNORD22	Small nucleolar RNA SNORD22	ENSECAG00000026073
1.79			ENSECAG00000005886
1.79	SUMO3	small ubiquitin-like modifier 3	ENSECAG00000021271
1.79	EVA1B	eva-1 homolog B (C. elegans)	ENSECAG00000020150
1.79	F11R	F11 receptor	ENSECAG00000018579
1.79	SNORA70	Small nucleolar RNA SNORA70	ENSECAG00000026001
1.79	MAP7D1	MAP7 domain containing 1	ENSECAG00000001581
1.79	LIN37	lin-37 homolog (C. elegans)	ENSECAG00000010678
1.79	PVRL3	poliovirus receptor-related 3	ENSECAG00000006637
1.78	ANXA11	annexin A11	ENSECAG00000019671
1.78	IFNA1	Interferon alpha-1	ENSECAG00000001136
1.78	TARS2	threonyl-tRNA synthetase 2, mitochondrial (putative)	ENSECAG00000014276
1.78	E4F1	E4F transcription factor 1	ENSECAG00000008036
1.78	AKAP8L	A kinase (PRKA) anchor protein 8-like	ENSECAG00000023532
1.78	LRRC24	leucine rich repeat containing 24	ENSECAG00000024309
1.78	KDM1A	lysine (K)-specific demethylase 1A	ENSECAG00000019669
1.78	ACTR8	ARP8 actin-related protein 8 homolog (yeast)	ENSECAG00000013264
1.78	RUUBL2	RuvB-like 2 (E. coli)	ENSECAG00000016701
1.78	DNASE1	deoxyribonuclease-1 precursor	ENSECAG00000008130
1.78	eca-mir-671	eca-mir-671	ENSECAG00000015899
1.78	RARRES2	retinoic acid receptor responder (tazarotene induced) 2	ENSECAG00000014799

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.78	BYSL	bystin-like	ENSECAG00000021260
1.78	E2F5	E2F transcription factor 5, p130-binding	ENSECAG00000013766
1.77	ELAVL1	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R)	ENSECAG00000019459
1.77	CRNKL1	crooked neck pre-mRNA splicing factor-like 1 (Drosophila)	ENSECAG00000022215
1.77	RWDD2B	RWD domain containing 2B	ENSECAG00000015926
1.77	DUS3L	dihydrouridine synthase 3-like (S. cerevisiae)	ENSECAG00000019359
1.77	SLC2A8	solute carrier family 2 (facilitated glucose transporter), member 8	ENSECAG00000020011
1.77	WDR82	WD repeat domain 82	ENSECAG00000014047
1.77	AIP	aryl hydrocarbon receptor interacting protein	ENSECAG00000017167
1.77	PSMG1	proteasome (prosome, macropain) assembly chaperone 1	ENSECAG00000019070
1.77	NT5C3B	5'-nucleotidase, cytosolic IIIB	ENSECAG00000023153
1.77	SRRM1	serine/arginine repetitive matrix 1	ENSECAG00000026981
1.77	CTSH	cathepsin H	ENSECAG00000013091
1.76	SCP2	sterol carrier protein 2	ENSECAG00000018459
1.76	DAG1	dystroglycan 1 (dystrophin-associated glycoprotein 1)	ENSECAG00000009665
1.76	CRIPT	cysteine-rich PDZ-binding protein	ENSECAG00000012342
1.76	SLC20A1	solute carrier family 20 (phosphate transporter), member 1	ENSECAG00000014112
1.76	LRWD1	leucine-rich repeats and WD repeat domain containing 1	ENSECAG00000017382
1.76	eca-mir-503	eca-mir-503	ENSECAG00000025360
1.76	TMEM42	transmembrane protein 42	ENSECAG00000014129
1.76	SNORD29	Small nucleolar RNA SNORD29	ENSECAG00000025694
1.76	ZNF217	zinc finger protein 217	ENSECAG00000011966
1.75	UBXN4	UBX domain protein 4	ENSECAG00000008941
1.75	RAE1	RAE1 RNA export 1 homolog (S. pombe)	ENSECAG00000016068
1.75		Uncharacterized protein	ENSECAG00000009756
1.75	DOM3Z	dom-3 homolog Z (C. elegans)	ENSECAG00000019694
1.75	SLC15A5	solute carrier family 15, member 5	ENSECAG00000026936
1.75	SCNN1B	sodium channel, non-voltage-gated 1, beta subunit	ENSECAG00000014993
1.75	SLC38A7	solute carrier family 38, member 7	ENSECAG00000007736
1.75	HMGN3	high mobility group nucleosomal binding domain 3	ENSECAG00000020025

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.75	WFDC3	WAP four-disulfide core domain 3	ENSECAG00000022949
1.74	TNFAIP1	tumor necrosis factor, alpha-induced protein 1 (endothelial)	ENSECAG00000012727
1.74	CNOT3	CCR4-NOT transcription complex, subunit 3	ENSECAG00000023181
1.74	FLNB	filamin B, beta	ENSECAG00000015849
1.74	FHL3	four and a half LIM domains 3	ENSECAG00000011590
1.74	DDX47	DEAD (Asp-Glu-Ala-Asp) box polypeptide 47	ENSECAG00000023622
1.74	OSBP	oxysterol binding protein	ENSECAG00000008786
1.74	NTMT1	N-terminal Xaa-Pro-Lys N-methyltransferase 1	ENSECAG00000015033
1.74	NDRG1	N-myc downstream regulated 1	ENSECAG00000025129
1.74	SLC34A2	solute carrier family 34 (type II sodium/phosphate cotransporter), member 2	ENSECAG00000013315
1.74	LXN	latexin	ENSECAG00000014405
1.74	PSMB2	proteasome (prosome, macropain) subunit, beta type, 2	ENSECAG00000021615
1.74	SMARCA5	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5	ENSECAG00000002676
1.74	SYT15	synaptotagmin XV	ENSECAG00000022004
1.74	TEFM	transcription elongation factor, mitochondrial	ENSECAG00000017170
1.74	LMNA	lamin A/C	ENSECAG00000011097
1.74	KIAA0141	KIAA0141	ENSECAG00000011434
1.73	eca-mir-331	eca-mir-331	ENSECAG00000026483
1.73		Uncharacterized protein	ENSECAG00000002425
1.73	DNM2	dynammin 2	ENSECAG00000022341
1.73	SDC1	syndecan 1	ENSECAG00000014709
1.73	SIDT2	SID1 transmembrane family, member 2	ENSECAG00000021466
1.73	PPP1R13L	protein phosphatase 1, regulatory subunit 13 like	ENSECAG00000024828
1.73	SNORD49	Small nucleolar RNA SNORD49	ENSECAG00000025557
1.73	NDUFAF1	NADH dehydrogenase (ubiquinone) complex I, assembly factor 1	ENSECAG00000012378
1.73			ENSECAG00000009140
1.73	BRD8	bromodomain containing 8	ENSECAG00000022484
1.72			ENSECAG00000013815
1.72	SBF1	SET binding factor 1	ENSECAG00000022103

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.72	ANAPC7	anaphase promoting complex subunit 7	ENSECAG00000022848
1.72	PXN	paxillin	ENSECAG00000014975
1.72	C18orf21	chromosome 18 open reading frame 21	ENSECAG00000000733
1.72	ANKRD49	ankyrin repeat domain 49	ENSECAG00000024188
1.72	GGNBP2	gametogenetin binding protein 2	ENSECAG00000024653
1.72	C1orf74	chromosome 1 open reading frame 74	ENSECAG00000003211
1.72	LSS	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)	ENSECAG00000008899
1.72	PCGF1	polycomb group ring finger 1	ENSECAG00000011360
1.72	C2orf68	chromosome 2 open reading frame 68	ENSECAG00000014919
1.72	SLC51B	solute carrier family 51, beta subunit	ENSECAG00000012241
1.72	COG4	component of oligomeric golgi complex 4	ENSECAG00000014431
1.71	ARGLU1	arginine and glutamate rich 1	ENSECAG00000018194
1.71	ASAH1	N-acylsphingosine amidohydrolase (acid ceramidase) 1	ENSECAG00000020076
1.71	STAP2	signal transducing adaptor family member 2	ENSECAG00000024717
1.71	SMARCC2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2	ENSECAG00000020679
1.71	CASP4	caspase 4, apoptosis-related cysteine peptidase	ENSECAG00000012876
1.71	ATG3	autophagy related 3	ENSECAG00000011954
1.71	ABCC10	ATP-binding cassette, sub-family C (CFTR/MRP), member 10	ENSECAG00000005169
1.71	KCTD12	potassium channel tetramerization domain containing 12	ENSECAG00000002083
1.71	CHRNE	cholinergic receptor, nicotinic, epsilon (muscle)	ENSECAG00000007194
1.71		Pyrroline-5-carboxylate reductase	ENSECAG00000010882
1.71	HCCS	holocytochrome c synthase	ENSECAG00000009436
1.71	NPTX1	neuronal pentraxin I	ENSECAG00000011663
1.71	MCMBP	minichromosome maintenance complex binding protein	ENSECAG00000015061
1.71		Uncharacterized protein	ENSECAG00000021144
1.71	CSRNP1	cysteine-serine-rich nuclear protein 1	ENSECAG00000000763
1.71	COQ6	coenzyme Q6 monooxygenase	ENSECAG00000023167
1.70	CLEC14A	C-type lectin domain family 14, member A	ENSECAG00000004803
1.70	CSRP1	cysteine and glycine-rich protein 1	ENSECAG00000008944

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.70			ENSECAG00000011118
1.70	GLIPR1	GLI pathogenesis-related 1	ENSECAG00000015687
1.70	GPATCH11	G patch domain containing 11	ENSECAG00000013489
1.70	SH3BP1	SH3-domain binding protein 1	ENSECAG00000007864
1.70	PVRL2	poliovirus receptor-related 2 (herpesvirus entry mediator B)	ENSECAG00000009306
1.70	CRB3	crumbs homolog 3 (Drosophila)	ENSECAG00000010143
1.70	DOK4	docking protein 4	ENSECAG00000018550
1.70	ETHE1	ethylmalonic encephalopathy 1	ENSECAG00000010891
1.70	SPRYD4	SPRY domain containing 4	ENSECAG00000008889
1.70	PPT1	palmitoyl-protein thioesterase 1	ENSECAG00000017370
1.69		Uncharacterized protein	ENSECAG00000012484
1.69	SRP68	signal recognition particle 68kDa	ENSECAG00000012257
1.69	INPP5K	inositol polyphosphate-5-phosphatase K	ENSECAG00000016734
1.69	ZBTB17	zinc finger and BTB domain containing 17	ENSECAG00000024826
1.69	UPF1	UPF1 regulator of nonsense transcripts homolog (yeast)	ENSECAG00000010639
1.69	eca-mir-451	eca-mir-451	ENSECAG00000025785
1.69	SH2D3A	SH2 domain containing 3A	ENSECAG00000012075
1.69	NKRF	NFKB repressing factor	ENSECAG00000022495
1.69	COMMD6	COMM domain containing 6	ENSECAG00000024069
1.69	TRIM27	tripartite motif containing 27	ENSECAG00000019089
1.69	KDM5B	lysine (K)-specific demethylase 5B	ENSECAG00000014268
1.69	PHGDH	phosphoglycerate dehydrogenase	ENSECAG00000005228
1.69	COPS3	COP9 signalosome subunit 3	ENSECAG00000020649
1.68	ZNF770	zinc finger protein 770	ENSECAG00000002556
1.68	C15orf57	chromosome 15 open reading frame 57	ENSECAG00000024598
1.68	CAPZB	capping protein (actin filament) muscle Z-line, beta	ENSECAG00000009145
1.68			ENSECAG00000025142
1.68	CHP1	calcineurin-like EF-hand protein 1	ENSECAG00000019751
1.68	SLBP	stem-loop binding protein	ENSECAG00000011689
1.68	CASC3	cancer susceptibility candidate 3	ENSECAG00000019947

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.67	NUDT17	nudix (nucleoside diphosphate linked moiety X)-type motif 17	ENSECAG00000023259
1.67	PPP1R10	protein phosphatase 1, regulatory subunit 10	ENSECAG00000010033
1.67	HDAC2	histone deacetylase 2	ENSECAG00000013577
1.67	L1TD1	LINE-1 type transposase domain containing 1	ENSECAG00000013248
1.67	CNIH4	cornichon homolog 4 (Drosophila)	ENSECAG00000010873
1.67	41897	15 kDa selenoprotein precursor	ENSECAG00000008909
1.67	PNMA1	paraneoplastic Ma antigen 1	ENSECAG00000004251
1.67	ASH2L	ash2 (absent, small, or homeotic)-like (Drosophila)	ENSECAG00000013970
1.67	POLDIP3	polymerase (DNA-directed), delta interacting protein 3	ENSECAG00000018350
1.67	TREX2	three prime repair exonuclease 2	ENSECAG00000016012
1.67	KDM6B	lysine (K)-specific demethylase 6B	ENSECAG00000009828
1.67	SSBP1	single-stranded DNA binding protein 1, mitochondrial	ENSECAG00000004023
1.67	MXRA7	matrix-remodelling associated 7	ENSECAG00000010208
1.67	C16orf58	chromosome 16 open reading frame 58	ENSECAG00000011043
1.66	TBC1D13	TBC1 domain family, member 13	ENSECAG00000007916
1.66	FAM3C	family with sequence similarity 3, member C	ENSECAG00000008527
1.66	KCTD21	potassium channel tetramerization domain containing 21	ENSECAG00000005835
1.66	FAM47E-STBD1	FAM47E-STBD1 readthrough	ENSECAG00000023580
1.66	POLR3K	polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa	ENSECAG00000024929
1.66	PLA2G15	phospholipase A2, group XV	ENSECAG00000014555
1.66	KLF5	Kruppel-like factor 5 (intestinal)	ENSECAG00000010546
1.66	SNX6	sorting nexin 6	ENSECAG00000012176
1.66	NMT1	N-myristoyltransferase 1	ENSECAG00000013216
1.66	RPL37A	ribosomal protein L37a	ENSECAG00000003769
1.66	TRMT1	tRNA methyltransferase 1 homolog (S. cerevisiae)	ENSECAG00000016149
1.66	ZBTB33	zinc finger and BTB domain containing 33	ENSECAG00000007205
1.66	PEX10	peroxisomal biogenesis factor 10	ENSECAG00000009743
1.66	RALGDS	ral guanine nucleotide dissociation stimulator	ENSECAG00000021996
1.66	PCNXL3	pecanex-like 3 (Drosophila)	ENSECAG00000011363
1.66		Uncharacterized protein	ENSECAG00000013063

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.66	PNPO	pyridoxamine 5'-phosphate oxidase	ENSECAG00000014995
1.66	UBAP2	ubiquitin associated protein 2	ENSECAG00000023726
1.66	WDR61	WD repeat domain 61	ENSECAG00000005595
1.65		Uncharacterized protein	ENSECAG00000013955
1.65	7SK	7SK RNA	ENSECAG00000025265
1.65	TMED10	transmembrane emp24-like trafficking protein 10 (yeast)	ENSECAG00000008831
1.65		Uncharacterized protein	ENSECAG00000012031
1.65	NABP1	nucleic acid binding protein 1	ENSECAG00000016773
1.65	PSMD12	proteasome (prosome, macropain) 26S subunit, non-ATPase, 12	ENSECAG00000012224
1.65	USP10	ubiquitin specific peptidase 10	ENSECAG00000018570
1.65	PITX2	paired-like homeodomain 2	ENSECAG00000008407
1.65	NFE2L1	nuclear factor (erythroid-derived 2)-like 1	ENSECAG00000007777
1.65	TJP3	tight junction protein 3	ENSECAG00000011885
1.65	C19orf40	chromosome 19 open reading frame 40	ENSECAG00000008757
1.65	ATHL1	ATH1, acid trehalase-like 1 (yeast)	ENSECAG00000002017
1.65	UHRF1BP1L	UHRF1 binding protein 1-like	ENSECAG00000002701
1.64	ECSCR	endothelial cell surface expressed chemotaxis and apoptosis regulator	ENSECAG00000017697
1.64	GTPBP6	GTP binding protein 6 (putative)	ENSECAG00000026952
1.64	PTGFRN	prostaglandin F2 receptor inhibitor	ENSECAG00000017101
1.64			ENSECAG00000012704
1.64	TIMM21	translocase of inner mitochondrial membrane 21 homolog (yeast)	ENSECAG00000016833
1.64	RENBP	renin binding protein	ENSECAG00000018888
1.64	EIF5B	eukaryotic translation initiation factor 5B	ENSECAG00000000102
1.64	PLEKHO1	pleckstrin homology domain containing, family O member 1	ENSECAG00000011585
1.64		Uncharacterized protein	ENSECAG00000009368
1.64	MTO1	mitochondrial tRNA translation optimization 1	ENSECAG00000019823
1.64	RNF2	ring finger protein 2	ENSECAG00000014782
1.63	MRPS25	mitochondrial ribosomal protein S25	ENSECAG00000020841
1.63	DMWD	dystrophia myotonica, WD repeat containing	ENSECAG00000016895
1.63	SDC4	syndecan 4	ENSECAG00000020374

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.63	IMP4	IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast)	ENSECAG00000009529
1.63	DENR	density-regulated protein	ENSECAG000000021824
1.63	ERCC1	excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)	ENSECAG000000011385
1.63	MYCBP	MYC binding protein	ENSECAG000000015596
1.63	CARM1	coactivator-associated arginine methyltransferase 1	ENSECAG000000013563
1.63	MFAP1	microfibrillar-associated protein 1	ENSECAG000000013485
1.63		Uncharacterized protein	ENSECAG000000004636
1.63	FAM111B	family with sequence similarity 111, member B	ENSECAG000000008096
1.63	CNPY3	canopy 3 homolog (zebrafish)	ENSECAG000000010795
1.63	NID2	nidogen 2 (osteonidogen)	ENSECAG000000015369
1.63	U6atac	U6atac minor spliceosomal RNA	ENSECAG000000026447
1.63	PEX12	peroxisomal biogenesis factor 12	ENSECAG000000015368
1.63	PPL	periplakin	ENSECAG000000014320
1.63	ENPP2	ectonucleotide pyrophosphatase/phosphodiesterase 2	ENSECAG000000003776
1.63			ENSECAG000000022857
1.63	GPCPD1	glycerophosphocholine phosphodiesterase GDE1 homolog (S. cerevisiae)	ENSECAG000000023076
1.63		Uncharacterized protein	ENSECAG000000017636
1.62	LSM1	LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae)	ENSECAG000000010461
1.62	PIN1	peptidylprolyl cis/trans isomerase, NIMA-interacting 1	ENSECAG000000006687
1.62	TAB2	TGF-beta activated kinase 1/MAP3K7 binding protein 2	ENSECAG000000017989
1.62	TIGD14	hypothetical protein LOC100071686	ENSECAG000000004664
1.62	SRSF12	serine/arginine-rich splicing factor 12	ENSECAG000000019135
1.62	GPBP1L1	GC-rich promoter binding protein 1-like 1	ENSECAG000000023523
1.62	IFNA1	interferon alpha-1 precursor	ENSECAG000000003168
1.62	TRIM3	tripartite motif containing 3	ENSECAG000000018279
1.62		Uncharacterized protein	ENSECAG000000023308
1.62	TMEM80	transmembrane protein 80	ENSECAG000000011469
1.62	SNORD38	Small nucleolar RNA SNORD38	ENSECAG000000026542
1.62			ENSECAG000000022098

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.62		Uncharacterized protein	ENSECAG00000022890
1.62	SPTBN2	spectrin, beta, non-erythrocytic 2	ENSECAG00000023370
1.62	PIGF	phosphatidylinositol glycan anchor biosynthesis, class F	ENSECAG00000012487
1.62		Uncharacterized protein	ENSECAG00000006147
1.62	CDC26	cell division cycle 26	ENSECAG00000003883
1.62	VIPAS39	VPS33B interacting protein, apical-basolateral polarity regulator, spe-39 homolog	ENSECAG00000019439
1.61	TMEM79	transmembrane protein 79	ENSECAG00000001165
1.61	UPP1	uridine phosphorylase 1	ENSECAG00000008193
1.61	SRP9	signal recognition particle 9kDa	ENSECAG00000022314
1.61	KBTBD7	kelch repeat and BTB (POZ) domain containing 7	ENSECAG00000001308
1.61	SAFB	scaffold attachment factor B	ENSECAG00000018659
1.61	SNX4	sorting nexin 4	ENSECAG00000008857
1.61	MMP2	matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)	ENSECAG00000000953
1.61	NOP9	NOP9 nucleolar protein	ENSECAG00000024171
1.61			ENSECAG00000018128
1.61	GNL1	guanine nucleotide binding protein-like 1	ENSECAG00000023081
1.61	POLD2	polymerase (DNA directed), delta 2, accessory subunit	ENSECAG00000018009
1.61	DHX36	DEAH (Asp-Glu-Ala-His) box polypeptide 36	ENSECAG00000025100
1.61	PLCG1	phospholipase C, gamma 1	ENSECAG00000021031
1.61	eca-mir-494	eca-mir-494	ENSECAG00000025234
1.61	UBE2L3	ubiquitin-conjugating enzyme E2L 3	ENSECAG00000019274
1.61	EIF2AK1	eukaryotic translation initiation factor 2-alpha kinase 1	ENSECAG00000007200
1.61	CEBPZ	CCAAT/enhancer binding protein (C/EBP), zeta	ENSECAG00000018957
1.61	KDEL3	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3	ENSECAG00000024520
1.61	PRPF3	pre-mRNA processing factor 3	ENSECAG00000019840
1.61	EQMHCC1	MHC class I heavy chain	ENSECAG00000019928
1.61		Uncharacterized protein	ENSECAG00000000680
1.61	FBXO7	F-box protein 7	ENSECAG00000009510
1.61	TTC38	tetratricopeptide repeat domain 38	ENSECAG00000013411

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.60			ENSECAG00000017685
1.60	RCN3	reticulocalbin 3, EF-hand calcium binding domain	ENSECAG00000010512
1.60	ABHD4	abhydrolase domain containing 4	ENSECAG00000002199
1.60	GRWD1	glutamate-rich WD repeat containing 1	ENSECAG00000019607
1.60	SGSH	N-sulfoglucosamine sulfohydrolase	ENSECAG00000004844
1.60	PCBP4	poly(rC) binding protein 4	ENSECAG00000024218
1.60	IDH3A	isocitrate dehydrogenase 3 (NAD+) alpha	ENSECAG00000015278
1.60	ANKRD46	ankyrin repeat domain 46	ENSECAG00000013340
1.60	SERPINB8	serpin peptidase inhibitor, clade B (ovalbumin), member 8	ENSECAG00000010521
1.60	SLC39A13	solute carrier family 39 (zinc transporter), member 13	ENSECAG00000024590
1.60	SEMA4D	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D	ENSECAG00000010128
1.60	ABHD12	abhydrolase domain containing 12	ENSECAG00000005769
1.60	ZNF687	zinc finger protein 687	ENSECAG00000006072
1.60	KIF5B	kinesin family member 5B	ENSECAG00000000558
1.60	CAPZA2	F-actin-capping protein subunit alpha-2	ENSECAG00000021693
1.60	DTYMK	deoxythymidylate kinase (thymidylate kinase)	ENSECAG00000012233
1.59	ZNF24	zinc finger protein 24	ENSECAG00000019986
1.59	GOLGA7	golgin A7	ENSECAG00000020655
1.59	ACP1	acid phosphatase 1, soluble	ENSECAG00000010079
1.59	AP1M1	adaptor-related protein complex 1, mu 1 subunit	ENSECAG00000019502
1.59	ZCCHC9	zinc finger, CCHC domain containing 9	ENSECAG00000023186
1.59	XPO1	exportin 1 (CRM1 homolog, yeast)	ENSECAG00000024920
1.59	HEBP2	heme binding protein 2	ENSECAG00000012705
1.59	ESRP1	epithelial splicing regulatory protein 1	ENSECAG00000000784
1.59	DUSP7	dual specificity phosphatase 7	ENSECAG00000024447
1.59	GALM	galactose mutarotase (aldose 1-epimerase)	ENSECAG00000014430
1.59	PODXL	podocalyxin-like	ENSECAG00000011554
1.59	MUC1	mucin 1, cell surface associated	ENSECAG00000006646
1.59	RNF6	ring finger protein (C3H2C3 type) 6	ENSECAG00000013606

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.59	RARG	retinoic acid receptor, gamma	ENSECAG00000016596
1.59	SLC7A6OS	solute carrier family 7, member 6 opposite strand	ENSECAG00000009185
1.59		Uncharacterized protein	ENSECAG00000002781
1.59	CNDP1	carnosine dipeptidase 1 (metallopeptidase M20 family)	ENSECAG00000022986
1.59			ENSECAG00000024319
1.59	SLC17A5	solute carrier family 17 (anion/sugar transporter), member 5	ENSECAG00000015945
1.59	RND1	Rho family GTPase 1	ENSECAG00000020971
1.59	ST3GAL4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4	ENSECAG00000017156
1.59	FRZB	frizzled-related protein	ENSECAG00000017132
1.59	TIMM44	translocase of inner mitochondrial membrane 44 homolog (yeast)	ENSECAG00000011409
1.59	eca-mir-141	eca-mir-141	ENSECAG00000026310
1.58	SUPT16H	suppressor of Ty 16 homolog (S. cerevisiae)	ENSECAG00000021686
1.58	SLC43A2	solute carrier family 43 (amino acid system L transporter), member 2	ENSECAG00000018324
1.58	PRPF38A	PRP38 pre-mRNA processing factor 38 (yeast) domain containing A	ENSECAG00000022628
1.58	AKAP1	A kinase (PRKA) anchor protein 1	ENSECAG00000009841
1.58	CSNK1D	casein kinase 1, delta	ENSECAG00000009928
1.58	SMCR7L	Smith-Magenis syndrome chromosome region, candidate 7-like	ENSECAG00000006403
1.58	ZBTB5	zinc finger and BTB domain containing 5	ENSECAG00000004450
1.58	SNRNP35	small nuclear ribonucleoprotein 35kDa (U11/U12)	ENSECAG00000006080
1.58	CKB	creatine kinase, brain	ENSECAG00000009054
1.58	ABTB1	ankyrin repeat and BTB (POZ) domain containing 1	ENSECAG00000012607
1.58	TRAPPC6A	trafficking protein particle complex 6A	ENSECAG00000018946
1.57	LYRM5	LYR motif containing 5	ENSECAG00000018612
1.57	SLC5A5	solute carrier family 5 (sodium iodide symporter), member 5	ENSECAG00000018632
1.57	MVK	mevalonate kinase	ENSECAG00000023067
1.57	ZC3HAV1	zinc finger CCCH-type, antiviral 1	ENSECAG00000017394
1.57	NR1H2	nuclear receptor subfamily 1, group H, member 2	ENSECAG00000020882
1.57	NOL11	nucleolar protein 11	ENSECAG00000008252
1.57	ATP2A2	sarcoplasmic/endoplasmic reticulum calcium ATPase 2	ENSECAG00000007671
1.57		Uncharacterized protein	ENSECAG00000004449

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.57	BST2	bone marrow stromal cell antigen 2	ENSECAG00000003563
1.57		Uncharacterized protein	ENSECAG00000002337
1.57	ZNF772	zinc finger protein 772	ENSECAG00000003209
1.57	PFN2	profilin 2	ENSECAG000000024742
1.57		interferon alpha-4 precursor	ENSECAG00000003771
1.57	WDR24	WD repeat domain 24	ENSECAG000000012781
1.57	DLAT	dihydrolipoamide S-acetyltransferase	ENSECAG000000021375
1.57	C1D	C1D nuclear receptor corepressor	ENSECAG000000002187
1.57	OSTF1	osteoclast stimulating factor 1	ENSECAG000000019624
1.56	TPGS1	tubulin polyglutamylase complex subunit 1	ENSECAG000000003591
1.56	GPM6A	glycoprotein M6A	ENSECAG000000016756
1.56	SIKE1	suppressor of IKBKE 1	ENSECAG000000019395
1.56	TMEM219	transmembrane protein 219	ENSECAG000000018940
1.56	SPAG5	sperm associated antigen 5	ENSECAG000000015456
1.56	RMDN3	regulator of microtubule dynamics 3	ENSECAG000000010848
1.56	HIST3H2BB	histone cluster 3, H2bb	ENSECAG000000006031
1.56	PPP6R1	protein phosphatase 6, regulatory subunit 1	ENSECAG000000015843
1.56	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4C	ENSECAG000000016202
1.56	C17orf62	chromosome 17 open reading frame 62	ENSECAG000000016280
1.56	G3BP2	GTPase activating protein (SH3 domain) binding protein 2	ENSECAG000000007917
1.56	PIM2	pim-2 oncogene	ENSECAG000000007505
1.56	PLD2	phospholipase D2	ENSECAG000000014508
1.56	CNOT11	CCR4-NOT transcription complex, subunit 11	ENSECAG000000011967
1.55	LIG4	ligase IV, DNA, ATP-dependent	ENSECAG000000003257
1.55	NFE2L3	nuclear factor (erythroid-derived 2)-like 3	ENSECAG000000021973
1.55		Uncharacterized protein	ENSECAG000000009061
1.55	VARs2	valyl-tRNA synthetase 2, mitochondrial	ENSECAG000000018202
1.55	SNORD18	Small nucleolar RNA SNORD18	ENSECAG000000025815
1.55	CCDC101	coiled-coil domain containing 101	ENSECAG000000011445

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.55	EFTUD2	elongation factor Tu GTP binding domain containing 2	ENSECAG00000019363
1.55	RASSF4	Ras association (RalGDS/AF-6) domain family member 4	ENSECAG00000007066
1.55	MFF	mitochondrial fission factor	ENSECAG00000004389
1.55	PEX16	peroxisomal biogenesis factor 16	ENSECAG00000011531
1.55	LAS1L	LAS1-like (S. cerevisiae)	ENSECAG00000021891
1.55	NDUFA10	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 10, 42kDa	ENSECAG00000021275
1.54	TEP1	telomerase-associated protein 1	ENSECAG00000010629
1.54			ENSECAG00000007392
1.54	ZNF174	zinc finger protein 174	ENSECAG00000023132
1.54	NRM	nurim (nuclear envelope membrane protein)	ENSECAG00000009725
1.54	COIL	coilin	ENSECAG00000000711
1.54	CYB5D1	cytochrome b5 domain containing 1	ENSECAG00000009977
1.54	TRIM47	tripartite motif containing 47	ENSECAG00000022018
1.54	ARL8A	ADP-ribosylation factor-like 8A	ENSECAG00000021194
1.54	MGEA5	meningioma expressed antigen 5 (hyaluronidase)	ENSECAG00000018731
1.54			ENSECAG00000000698
1.54	LIAS	lipoic acid synthetase	ENSECAG00000015796
1.54	HINFP	histone H4 transcription factor	ENSECAG00000024938
1.54	RPS19BP1	ribosomal protein S19 binding protein 1	ENSECAG00000010135
1.54	GLYR1	glyoxylate reductase 1 homolog (Arabidopsis)	ENSECAG00000009093
1.54	N4BP2L2	NEDD4 binding protein 2-like 2	ENSECAG00000016028
1.54	TUBGCP6	tubulin, gamma complex associated protein 6	ENSECAG00000010550
1.54			ENSECAG00000013148
1.54	B3GALT6	UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6	ENSECAG00000001258
1.54	STARD7	StAR-related lipid transfer (START) domain containing 7	ENSECAG00000021159
1.54		Uncharacterized protein	ENSECAG00000014415
1.53	TBRG1	transforming growth factor beta regulator 1	ENSECAG00000007465
1.53	VAMP3	vesicle-associated membrane protein 3	ENSECAG00000020310
1.53	SMYD5	SMYD family member 5	ENSECAG00000022486
1.53	ZBED6CL	ZBED6 C-terminal like	ENSECAG00000007383

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.53	RAD1	RAD1 homolog (S. pombe)	ENSECAG00000009846
1.53	UROC1	urocanate hydratase 1	ENSECAG000000021115
1.53	PRKACA	protein kinase, cAMP-dependent, catalytic, alpha	ENSECAG000000016874
1.53	KLF6	Kruppel-like factor 6	ENSECAG000000023417
1.53	ERLIN2	ER lipid raft associated 2	ENSECAG000000009999
1.53	IDUA	iduronidase, alpha-L-	ENSECAG000000019632
1.53	CRTAP	cartilage associated protein	ENSECAG000000008409
1.53	NNT	nicotinamide nucleotide transhydrogenase	ENSECAG000000016077
1.53	AFG3L2	AFG3 ATPase family member 3-like 2 (S. cerevisiae)	ENSECAG000000005869
1.53	RAD23B	RAD23 homolog B (S. cerevisiae)	ENSECAG000000021928
1.53	PSMD11	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11	ENSECAG000000014306
1.53	INPPL1	inositol polyphosphate phosphatase-like 1	ENSECAG000000017064
1.53	TSPAN13	tetraspanin 13	ENSECAG000000010623
1.53	NDUFB5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5, 16kDa	ENSECAG000000000682
1.53	EPHB3	EPH receptor B3	ENSECAG000000009755
1.53	DAZAP1	DAZ associated protein 1	ENSECAG000000011805
1.52	DUSP12	dual specificity phosphatase 12	ENSECAG000000021937
1.52	CRYZ	crystallin, zeta (quinone reductase)	ENSECAG000000008254
1.52	NRL	neural retina leucine zipper	ENSECAG000000012935
1.52		Uncharacterized protein	ENSECAG000000014603
1.52	GFPT1	glutamine--fructose-6-phosphate transaminase 1	ENSECAG000000019938
1.52	RTN4	reticulon 4	ENSECAG000000011846
1.52	P4HA2	prolyl 4-hydroxylase, alpha polypeptide II	ENSECAG000000024817
1.52		Histone H2A	ENSECAG000000004710
1.52	MRPL4	mitochondrial ribosomal protein L4	ENSECAG000000017013
1.52	KAT8	K(lysine) acetyltransferase 8	ENSECAG000000018567
1.51	PELI1	pellino E3 ubiquitin protein ligase 1	ENSECAG000000021804
1.51	MAPK1IP1L	mitogen-activated protein kinase 1 interacting protein 1-like	ENSECAG000000026837
1.51	DCAKD	dephospho-CoA kinase domain containing	ENSECAG000000022444
1.51	PELP1	proline, glutamate and leucine rich protein 1	ENSECAG000000020780

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.51	KDM5C	lysine (K)-specific demethylase 5C	ENSECAG00000024956
1.51	NSFL1C	NSFL1 (p97) cofactor (p47)	ENSECAG00000006545
1.51	ZNF581	zinc finger protein 581	ENSECAG00000003138
1.51	ING4	inhibitor of growth family, member 4	ENSECAG00000024784
1.51	WDR26	WD repeat domain 26	ENSECAG00000020139
1.51	PANK2	pantothenate kinase 2	ENSECAG00000017511
1.51	GAR1	GAR1 ribonucleoprotein homolog (yeast)	ENSECAG00000013624
1.51	DMAP1	DNA methyltransferase 1 associated protein 1	ENSECAG00000022122
1.51	WNT11	wingless-type MMTV integration site family, member 11	ENSECAG00000022188
1.51	WDR45B	WD repeat domain 45B	ENSECAG00000014592
1.51	SNX15	sorting nexin 15	ENSECAG00000018173
1.51	BCAP29	B-cell receptor-associated protein 29	ENSECAG00000017348
1.51	USP9X	ubiquitin specific peptidase 9, X-linked	ENSECAG00000005549
1.50	ZNF569	zinc finger protein 569	ENSECAG00000005564
1.50	GDPD3	glycerophosphodiester phosphodiesterase domain containing 3	ENSECAG00000006934
1.50	TXLNA	taxilin alpha	ENSECAG00000019321
1.50	DNAJC30	DnaJ (Hsp40) homolog, subfamily C, member 30	ENSECAG00000009728
1.50	CXXC5	CXXC finger protein 5	ENSECAG00000016958
1.50	COPS2	COP9 signalosome subunit 2	ENSECAG00000024709
1.50	TOLLIP	toll interacting protein	ENSECAG00000019235
1.50	TONSL	tonsoku-like, DNA repair protein	ENSECAG00000014231
1.50	PUSL1	pseudouridylate synthase-like 1	ENSECAG00000006248
1.50	TSC22D4	TSC22 domain family, member 4	ENSECAG00000008387
1.50	TRAFD1	TRAF-type zinc finger domain containing 1	ENSECAG00000021107
1.49	HOXD8	homeobox D8	ENSECAG00000021980
1.49	MRPL47	mitochondrial ribosomal protein L47	ENSECAG00000018545
1.49	GTF2A2	general transcription factor IIA, 2, 12kDa	ENSECAG00000012182
1.49	SNORA41	Small nucleolar RNA SNORA41	ENSECAG00000025866
1.49	41889	septin 7	ENSECAG00000022693
1.49	OCLN	occludin	ENSECAG00000009118

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.49	ARV1	ARV1 homolog (S. cerevisiae)	ENSECAG00000016519
1.49	TGFBI	transforming growth factor, beta-induced, 68kDa	ENSECAG00000020193
1.49		Uncharacterized protein	ENSECAG00000006414
1.49	USP7	ubiquitin specific peptidase 7 (herpes virus-associated)	ENSECAG00000009628
1.49		Uncharacterized protein	ENSECAG00000012790
1.49	RFC2	replication factor C (activator 1) 2, 40kDa	ENSECAG00000000367
1.49	PRPF39	PRP39 pre-mRNA processing factor 39 homolog (S. cerevisiae)	ENSECAG00000015289
1.49	PCF11	PCF11 cleavage and polyadenylation factor subunit	ENSECAG00000018683
1.49	CCDC86	coiled-coil domain containing 86	ENSECAG00000001495
1.49	TIMM9	translocase of inner mitochondrial membrane 9 homolog (yeast)	ENSECAG00000017063
1.49	RPL7A	ribosomal protein L7a	ENSECAG00000006930
1.48	N4BP1	NEDD4 binding protein 1	ENSECAG00000024238
1.48	DNM1L	dynamitin 1-like	ENSECAG00000021929
1.48	NUFIP2	nuclear fragile X mental retardation protein interacting protein 2	ENSECAG00000004975
1.48	KPNA6	karyopherin alpha 6 (importin alpha 7)	ENSECAG00000004549
1.48	SOD2	superoxide dismutase	ENSECAG00000011797
1.48	GDE1	glycerophosphodiester phosphodiesterase 1	ENSECAG00000010244
1.48	TMEM9B	TMEM9 domain family, member B	ENSECAG00000008715
1.48	OSR2	odd-skipped related 2 (Drosophila)	ENSECAG00000017784
1.48			ENSECAG00000013116
1.48	C12orf73	chromosome 12 open reading frame 73	ENSECAG00000001215
1.48	AP1S2	adaptor-related protein complex 1, sigma 2 subunit	ENSECAG00000011249
1.48	ZNF77	zinc finger protein 77	ENSECAG00000022192
1.48	PTPRF	protein tyrosine phosphatase, receptor type, F	ENSECAG00000012668
1.48	CPVL	carboxypeptidase, vitellogenic-like	ENSECAG00000024795
1.48	COQ9	coenzyme Q9 homolog (S. cerevisiae)	ENSECAG00000008003
1.48	MFN1	mitofusin 1	ENSECAG00000018551
1.48	CAND1	cullin-associated and neddylation-dissociated 1	ENSECAG00000013404
1.48	LSM14A	LSM14A, SCD6 homolog A (S. cerevisiae)	ENSECAG00000016281
1.48		Uncharacterized protein	ENSECAG00000002106

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.48	SPATA24	spermatogenesis associated 24	ENSECAG00000020376
1.48	MBD1	methyl-CpG binding domain protein 1	ENSECAG00000011497
1.47	NPR1	natriuretic peptide receptor A/guanylate cyclase A (atrionatriuretic peptide receptor A)	ENSECAG00000000954
1.47	MPHOSPH6	M-phase phosphoprotein 6	ENSECAG00000019388
1.47	SPHK2	sphingosine kinase 2	ENSECAG00000007474
1.47	NDUFS4	NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (NADH-coenzyme Q reductase)	ENSECAG00000017188
1.47		Uncharacterized protein	ENSECAG00000020467
1.47	SMUG1	single-strand-selective monofunctional uracil-DNA glycosylase 1	ENSECAG00000007776
1.47		Uncharacterized protein	ENSECAG00000017754
1.47	CRYM	crystallin, mu	ENSECAG00000013362
1.47	SCAMP2	secretory carrier membrane protein 2	ENSECAG00000015415
1.47	GET4	golgi to ER traffic protein 4 homolog (S. cerevisiae)	ENSECAG00000011738
1.47	FASTKD2	FAST kinase domains 2	ENSECAG00000008822
1.47		Uncharacterized protein	ENSECAG00000007983
1.47	NOL8	nucleolar protein 8	ENSECAG00000022362
1.47			ENSECAG00000010609
1.47	BCDIN3D	BCDIN3 domain containing	ENSECAG00000020861
1.47	GGPS1	geranylgeranyl diphosphate synthase 1	ENSECAG00000017806
1.47	ZNF606	zinc finger protein 606	ENSECAG00000001316
1.46	HYLS1	hydroletharus syndrome 1	ENSECAG00000006921
1.46	COL6A3	collagen, type VI, alpha 3	ENSECAG00000020887
1.46	UFM1	ubiquitin-fold modifier 1	ENSECAG00000014564
1.46	PKNOX1	PBX/knotted 1 homeobox 1	ENSECAG00000010284
1.46	GPR162	G protein-coupled receptor 162	ENSECAG00000019250
1.46	HSF1	heat shock transcription factor 1	ENSECAG00000000621
1.46	PACSIN2	protein kinase C and casein kinase substrate in neurons 2	ENSECAG00000011667
1.46	SLU7	SLU7 splicing factor homolog (S. cerevisiae)	ENSECAG00000013696
1.46	USP14	ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)	ENSECAG00000022985
1.46	EXOSC5	exosome component 5	ENSECAG00000024210

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.46	PPAPDC1B	phosphatidic acid phosphatase type 2 domain containing 1B	ENSECAG00000001080
1.46	LTV1	LTV1 homolog (S. cerevisiae)	ENSECAG00000007602
1.46	ITCH	itchy E3 ubiquitin protein ligase	ENSECAG000000016216
1.46	KLHL17	kelch-like family member 17	ENSECAG000000023217
1.46	DHRS13	dehydrogenase/reductase (SDR family) member 13	ENSECAG000000014655
1.46	ABCB8	ATP-binding cassette, sub-family B (MDR/TAP), member 8	ENSECAG000000009774
1.46	BHLHE41	basic helix-loop-helix family, member e41	ENSECAG000000000494
1.46	RNF14	ring finger protein 14	ENSECAG000000003091
1.46			ENSECAG000000012818
1.45	KLC4	kinesin light chain 4	ENSECAG000000022228
1.45	BBS10	Bardet-Biedl syndrome 10	ENSECAG000000015525
1.45	BTBD3	BTB (POZ) domain containing 3	ENSECAG000000000722
1.45	FAM189B	family with sequence similarity 189, member B	ENSECAG000000019857
1.45	SUV420H2	suppressor of variegation 4-20 homolog 2 (Drosophila)	ENSECAG000000013820
1.45	ZNF789	zinc finger protein 789	ENSECAG000000011061
1.45			ENSECAG000000026980
1.45		Uncharacterized protein	ENSECAG000000018084
1.45	ITM2C	integral membrane protein 2C	ENSECAG000000021617
1.45	PCP4L1	Purkinje cell protein 4 like 1	ENSECAG000000009062
1.45	RGP1	RGP1 retrograde golgi transport homolog (S. cerevisiae)	ENSECAG000000009981
1.45	STAT1	signal transducer and activator of transcription 1, 91kDa	ENSECAG000000009039
1.45	COX11	cytochrome c oxidase assembly homolog 11 (yeast)	ENSECAG000000015531
1.45		Uncharacterized protein	ENSECAG000000021593
1.45	SNORA43	Small nucleolar RNA SNORA43	ENSECAG000000025440
1.45			ENSECAG000000018848
1.45	SNORA16	Small nucleolar RNA SNORA16B/SNORA16A family	ENSECAG000000026060
1.45	SEC23B	Sec23 homolog B (S. cerevisiae)	ENSECAG000000025087
1.45	NUMA1	nuclear mitotic apparatus protein 1	ENSECAG000000023455
1.45	MORC2	MORC family CW-type zinc finger 2	ENSECAG000000016223
1.45	MSLN	mesothelin	ENSECAG000000001261

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.45	ZBTB22	zinc finger and BTB domain containing 22	ENSECAG00000019536
1.45	UFD1L	ubiquitin fusion degradation 1 like (yeast)	ENSECAG00000011062
1.45		Uncharacterized protein	ENSECAG00000007676
1.45		Uncharacterized protein	ENSECAG00000021789
1.44		Uncharacterized protein	ENSECAG00000005497
1.44		Uncharacterized protein	ENSECAG00000019180
1.44		Uncharacterized protein	ENSECAG00000012620
1.44	PFKL	phosphofructokinase, liver	ENSECAG00000017863
1.44	SUN2	Sad1 and UNC84 domain containing 2	ENSECAG00000000797
1.44	MEX3C	mex-3 homolog C (C. elegans)	ENSECAG00000021727
1.44	LMO4	LIM domain only 4	ENSECAG00000025150
1.44	SLC22A17	solute carrier family 22, member 17	ENSECAG00000013169
1.44	MCAM	melanoma cell adhesion molecule	ENSECAG00000013036
1.44	CDX2	caudal type homeobox 2	ENSECAG00000000707
1.44	TRIP6	thyroid hormone receptor interactor 6	ENSECAG00000002142
1.44	RBM15	RNA binding motif protein 15	ENSECAG00000023660
1.44	PPP1R27	protein phosphatase 1, regulatory subunit 27	ENSECAG00000008044
1.44	SNUPN	snurportin 1	ENSECAG00000017726
1.44	DPH2	DPH2 homolog (S. cerevisiae)	ENSECAG00000012824
1.44	NEDD4L	neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase	ENSECAG00000000751
1.43	TCEANC	transcription elongation factor A (SII) N-terminal and central domain containing	ENSECAG00000005256
1.43	ZNF189	zinc finger protein 189	ENSECAG00000015455
1.43	FAM160B2	family with sequence similarity 160, member B2	ENSECAG00000009459
1.43			ENSECAG00000007669
1.43	DNAJC8	DnaJ (Hsp40) homolog, subfamily C, member 8	ENSECAG00000012708
1.43	SUGT1	SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae)	ENSECAG00000012999
1.43	SLC35G2	solute carrier family 35, member G2	ENSECAG00000005651
1.43	MTFR1	mitochondrial fission regulator 1	ENSECAG00000018466
1.43	AP2B1	adaptor-related protein complex 2, beta 1 subunit	ENSECAG00000009033

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.43	H2AFY	H2A histone family, member Y	ENSECAG00000010224
1.43	GPR160	G protein-coupled receptor 160	ENSECAG00000005959
1.43	CHMP7	charged multivesicular body protein 7	ENSECAG00000024657
1.43	CC2D1A	coiled-coil and C2 domain containing 1A	ENSECAG00000014906
1.42	PTPLAD1	protein tyrosine phosphatase-like A domain containing 1	ENSECAG00000023082
1.42	MTHFD1	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1, methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase	ENSECAG00000015580
1.42	LMNB1	lamin B1	ENSECAG00000007942
1.42	LETM1	leucine zipper-EF-hand containing transmembrane protein 1	ENSECAG00000018569
1.42		Uncharacterized protein	ENSECAG00000016453
1.42	XRCC6	X-ray repair complementing defective repair in Chinese hamster cells 6	ENSECAG00000017563
1.42	THOP1	thimet oligopeptidase 1	ENSECAG00000011882
1.42	FAH	fumarylacetoacetate hydrolase (fumarylacetoacetase)	ENSECAG00000000939
1.42	TXNRD1	thioredoxin reductase 1	ENSECAG00000015982
1.42		Uncharacterized protein	ENSECAG00000020036
1.42	PLAGL1	pleiomorphic adenoma gene-like 1	ENSECAG00000000641
1.42	XPNPEP1	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble	ENSECAG00000022579
1.42	PRPS1	phosphoribosyl pyrophosphate synthetase 1	ENSECAG00000024711
1.42	CCNC	cyclin C	ENSECAG00000024439
1.42	SP8	Sp8 transcription factor	ENSECAG00000002849
1.42	HMGCL	3-hydroxymethyl-3-methylglutaryl-CoA lyase	ENSECAG00000025131
1.42		Uncharacterized protein	ENSECAG00000012382
1.42		Uncharacterized protein	ENSECAG00000000325
1.42	UBOX5	U-box domain containing 5	ENSECAG00000024708
1.42			ENSECAG00000009167
1.42	CLTB	clathrin, light chain B	ENSECAG00000016628
1.41	DYNC1H1	dynein, cytoplasmic 1, heavy chain 1	ENSECAG00000015929
1.41	CA9	carbonic anhydrase IX	ENSECAG00000010059
1.41		Uncharacterized protein	ENSECAG00000009271
1.41		Uncharacterized protein	ENSECAG00000003422

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.41	DNAJB2	DnaJ (Hsp40) homolog, subfamily B, member 2	ENSECAG00000022076
1.41	SMC3	structural maintenance of chromosomes 3	ENSECAG00000022396
1.41	ZNF205	zinc finger protein 205	ENSECAG00000009869
1.41	RBM4B	RNA binding motif protein 4B	ENSECAG00000022987
1.41	ERLIN1	ER lipid raft associated 1	ENSECAG00000018030
1.41	PSRC1	proline/serine-rich coiled-coil 1	ENSECAG00000016507
1.41	SLC39A3	solute carrier family 39 (zinc transporter), member 3	ENSECAG00000010203
1.41	PLAU	plasminogen activator, urokinase	ENSECAG00000007351
1.41	CD55	CD55 molecule, decay accelerating factor for complement (Cromer blood group)	ENSECAG00000016667
1.41	RAB8A	RAB8A, member RAS oncogene family	ENSECAG00000006184
1.41	PPP2R2A	protein phosphatase 2, regulatory subunit B, alpha	ENSECAG00000019205
1.41	LRRC8E	leucine rich repeat containing 8 family, member E	ENSECAG00000000299
1.41	EXOSC10	exosome component 10	ENSECAG00000011639
1.41	MED6	mediator complex subunit 6	ENSECAG00000016816
1.41	GTSF1	gametocyte specific factor 1	ENSECAG00000013618
1.41	KIAA0100	KIAA0100	ENSECAG00000017711
1.41	TRIM8	tripartite motif containing 8	ENSECAG00000016770
1.41	CDK2	cyclin-dependent kinase 2	ENSECAG00000021177
1.41	RCC1	regulator of chromosome condensation	ENSECAG00000017252
1.41		Uncharacterized protein	ENSECAG00000009005
1.41	MORC4	MORC family CW-type zinc finger 4	ENSECAG00000011828
1.41	C1GALT1	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1	ENSECAG00000013002
1.40	SLC7A7	solute carrier family 7 (amino acid transporter light chain, y+L system), member 7	ENSECAG00000001058
1.40			ENSECAG000000021975
1.40	ZNF784	zinc finger protein 784	ENSECAG00000001409
1.40	MAP2K1	mitogen-activated protein kinase kinase 1	ENSECAG00000010640
1.40	DUSP11	dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)	ENSECAG00000023353
1.40	TNPO2	transportin 2	ENSECAG00000013673
1.40	OTUD5	OTU domain containing 5	ENSECAG00000010819
1.40	CADM4	cell adhesion molecule 4	ENSECAG00000013952

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.40	ZBTB39	zinc finger and BTB domain containing 39	ENSECAG00000006101
1.40	FGF21	fibroblast growth factor 21	ENSECAG00000010695
1.40	CWH43	cell wall biogenesis 43 C-terminal homolog (S. cerevisiae)	ENSECAG00000024870
1.40	SRF	serum response factor (c-fos serum response element-binding transcription factor)	ENSECAG00000009068
1.40	POP4	processing of precursor 4, ribonuclease P/MRP subunit (S. cerevisiae)	ENSECAG00000020206
1.40	eca-mir-302c	eca-mir-302c	ENSECAG00000026411
1.40	PTX3	pentraxin 3, long	ENSECAG00000004679
1.40	FBXW2	F-box and WD repeat domain containing 2	ENSECAG00000004604
1.40	ABCB10	ATP-binding cassette, sub-family B (MDR/TAP), member 10	ENSECAG00000017883
1.40	SSH3	slingshot protein phosphatase 3	ENSECAG00000009653
1.40	PEG3	paternally expressed 3	ENSECAG00000016802
1.40	OGDH	oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide)	ENSECAG00000023953
1.40	TSG101	tumor susceptibility gene 101	ENSECAG00000004362
1.40	SERTAD2	SERTA domain containing 2	ENSECAG00000010798
1.40	MPZL1	myelin protein zero-like 1	ENSECAG00000006964
1.39	MRPS5	mitochondrial ribosomal protein S5	ENSECAG00000001234
1.39	ST14	suppression of tumorigenicity 14 (colon carcinoma)	ENSECAG00000006391
1.39	TFRC	Transferrin receptor protein 1	ENSECAG00000024267
1.39	PSMD5	proteasome (prosome, macropain) 26S subunit, non-ATPase, 5	ENSECAG00000013504
1.39	NADK	NAD kinase	ENSECAG00000022883
1.39	GJB5	gap junction protein, beta 5, 31.1kDa	ENSECAG00000005302
1.39	PHAX	phosphorylated adaptor for RNA export	ENSECAG00000009967
1.39	FUT11	fucosyltransferase 11 (alpha (1,3) fucosyltransferase)	ENSECAG00000006300
1.39	LZIC	leucine zipper and CTNNBIP1 domain containing	ENSECAG00000022235
1.39	TRAK1	trafficking protein, kinesin binding 1	ENSECAG00000014600
1.39	WAPAL	wings apart-like homolog (Drosophila)	ENSECAG00000016925
1.39	DLD	dihydrolipoamide dehydrogenase	ENSECAG00000000749
1.39	EPHB6	EPH receptor B6	ENSECAG00000007276
1.39	PDP1	pyruvate dehydrogenase phosphatase catalytic subunit 1	ENSECAG00000016359
1.39			ENSECAG00000021676

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.39	ENGASE	endo-beta-N-acetylglucosaminidase	ENSECAG00000019553
1.39	SCARB1	scavenger receptor class B, member 1	ENSECAG00000024242
1.39	TMEM134	transmembrane protein 134	ENSECAG00000016857
1.39	RUVBL1	RuvB-like 1 (E. coli)	ENSECAG00000000545
1.39	TOR1AIP2	torsin A interacting protein 2	ENSECAG00000023572
1.39	MPI	mannose phosphate isomerase	ENSECAG00000011033
1.38	SLC35E4	solute carrier family 35, member E4	ENSECAG00000020858
1.38	eca-mir-374b	eca-mir-374b	ENSECAG00000025706
1.38	TREX1	three prime repair exonuclease 1	ENSECAG00000010761
1.38		Uncharacterized protein	ENSECAG00000022414
1.38	C16orf80	chromosome 16 open reading frame 80	ENSECAG00000011027
1.38	SFXN4	sideroflexin 4	ENSECAG00000012309
1.38	STX7	syntaxin 7	ENSECAG00000019923
1.38	PON2	paraoxonase 2	ENSECAG00000010414
1.38	ZNF385A	zinc finger protein 385A	ENSECAG00000024939
1.38	QSOX1	quiescin Q6 sulfhydryl oxidase 1	ENSECAG00000017109
1.38	MSN	moesin	ENSECAG00000012900
1.38	NOL6	nucleolar protein 6 (RNA-associated)	ENSECAG00000007914
1.38			ENSECAG00000020202
1.38	YTHDC1	YTH domain containing 1	ENSECAG00000018303
1.38	HAUS6	HAUS augmin-like complex, subunit 6	ENSECAG00000014686
1.38	PWP1	PWP1 homolog (S. cerevisiae)	ENSECAG00000022620
1.38	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENSECAG00000005515
1.37	TTC39A	tetratricopeptide repeat domain 39A	ENSECAG00000015196
1.37	TNFRSF11A	tumor necrosis factor receptor superfamily, member 11a, NFKB activator	ENSECAG00000014672
1.37	CTBP1	C-terminal binding protein 1	ENSECAG00000015999
1.37			ENSECAG00000017250
1.37	PITRM1	pitrilysin metalloproteinase 1	ENSECAG00000000398
1.37	RPUSD2	RNA pseudouridylate synthase domain containing 2	ENSECAG00000024178
1.37	PRUNE	prune exopolyphosphatase	ENSECAG00000000743

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.37	APEX2	APEX nuclease (apurinic/apyrimidinic endonuclease) 2	ENSECAG00000026921
1.37	RIOK2	RIO kinase 2	ENSECAG00000018441
1.36	PNKP	polynucleotide kinase 3'-phosphatase	ENSECAG00000017461
1.36	FUBP1	far upstream element (FUSE) binding protein 1	ENSECAG00000010867
1.36	PSEN2	presenilin 2 (Alzheimer disease 4)	ENSECAG00000008285
1.36	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase	ENSECAG00000022301
1.36	RALBP1	ralA binding protein 1	ENSECAG00000018789
1.36	WEE1	WEE1 homolog (S. pombe)	ENSECAG00000020774
1.36	BCAS1	breast carcinoma amplified sequence 1	ENSECAG00000013155
1.36	ASF1A	anti-silencing function 1A histone chaperone	ENSECAG00000014665
1.36	FBXL15	F-box and leucine-rich repeat protein 15	ENSECAG00000000576
1.36	ZNF473	zinc finger protein 473	ENSECAG00000023381
1.36	FECH	ferrochelatase	ENSECAG00000012137
1.36	MXD4	MAX dimerization protein 4	ENSECAG00000002580
1.36	IVD	isovaleryl-CoA dehydrogenase	ENSECAG00000008165
1.36	TRIP12	thyroid hormone receptor interactor 12	ENSECAG00000000162
1.36	PMCH	pro-melanin-concentrating hormone	ENSECAG00000005866
1.36	IFN-OMEGA2	Uncharacterized protein	ENSECAG00000001785
1.36	PEPD	peptidase D	ENSECAG00000023698
1.36	ICMT	isoprenylcysteine carboxyl methyltransferase	ENSECAG00000024730
1.36	CENPA	centromere protein A	ENSECAG00000016271
1.36			ENSECAG00000010220
1.35	BRD4	bromodomain containing 4	ENSECAG00000022386
1.35	YTHDF1	YTH domain family, member 1	ENSECAG00000019475
1.35	AKT1	v-akt murine thymoma viral oncogene homolog 1	ENSECAG00000008264
1.35	C7orf26	chromosome 7 open reading frame 26	ENSECAG00000011713
1.35	EFCAB10	EF-hand calcium binding domain 10	ENSECAG00000024100
1.35	SWSAP1	SWIM-type zinc finger 7 associated protein 1	ENSECAG00000012684
1.35	PPP1R37	protein phosphatase 1, regulatory subunit 37	ENSECAG00000012840
1.35	DYNC1I2	dynein, cytoplasmic 1, intermediate chain 2	ENSECAG00000007660

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.35	SLC19A3	solute carrier family 19, member 3	ENSECAG00000015721
1.35	RRAD	Ras-related associated with diabetes	ENSECAG00000006674
1.35	SEPHS1	selenophosphate synthetase 1	ENSECAG000000014281
1.35	TUBGCP4	tubulin, gamma complex associated protein 4	ENSECAG00000007069
1.35	PLOD1	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1	ENSECAG000000022842
1.35	C17orf80	chromosome 17 open reading frame 80	ENSECAG000000024819
1.35	EIF4E2	eukaryotic translation initiation factor 4E family member 2	ENSECAG000000020187
1.35	Y_RNA	Y RNA	ENSECAG000000025402
1.34	C6orf25	chromosome 6 open reading frame 25	ENSECAG000000022397
1.34		Uncharacterized protein	ENSECAG000000018857
1.34	PCID2	PCI domain containing 2	ENSECAG000000005087
1.34	IFI35	interferon-induced protein 35	ENSECAG000000001598
1.34	CUL4B	cullin 4B	ENSECAG000000023670
1.34	BIRC5	baculoviral IAP repeat containing 5	ENSECAG000000008466
1.34	LPCAT2	lysophosphatidylcholine acyltransferase 2	ENSECAG000000009649
1.34			ENSECAG000000001942
1.34	CTU2	cytosolic thiouridylase subunit 2 homolog (S. pombe)	ENSECAG000000016209
1.34	DHX15	DEAH (Asp-Glu-Ala-His) box helicase 15	ENSECAG000000023224
1.34	CLN6	ceroid-lipofuscinosis, neuronal 6, late infantile, variant	ENSECAG000000016991
1.34	SMC4	structural maintenance of chromosomes 4	ENSECAG000000022164
1.34	MRPS18A	mitochondrial ribosomal protein S18A	ENSECAG000000004870
1.34	ATG12	autophagy related 12	ENSECAG000000012452
1.34	NAB2	NGFI-A binding protein 2 (EGR1 binding protein 2)	ENSECAG000000006453
1.34	SYTL1	synaptotagmin-like 1	ENSECAG000000020672
1.34		Uncharacterized protein	ENSECAG000000000837
1.34		Uncharacterized protein	ENSECAG000000001859
1.34	FOXO1	forkhead box O1	ENSECAG000000002212
1.34	BCL2L12	BCL2-like 12 (proline rich)	ENSECAG000000022614
1.34	NFKBIB	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta	ENSECAG000000014345
1.33	TMEM167A	transmembrane protein 167A	ENSECAG000000026834

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.33	IGFBP4	insulin-like growth factor binding protein 4	ENSECAG00000011271
1.33	SCYL2	SCY1-like 2 (S. cerevisiae)	ENSECAG00000022066
1.33	BPHL	biphenyl hydrolase-like (serine hydrolase)	ENSECAG00000013049
1.33	SNORD30	Small nucleolar RNA SNORD30	ENSECAG00000025548
1.33	RELL2	RELT-like 2	ENSECAG00000020085
1.33	MSL3	male-specific lethal 3 homolog (Drosophila)	ENSECAG00000016699
1.33	COQ3	coenzyme Q3 methyltransferase	ENSECAG00000016788
1.33	TPX2	TPX2, microtubule-associated, homolog (Xenopus laevis)	ENSECAG00000018476
1.33	DVL2	dishevelled segment polarity protein 2	ENSECAG00000002833
1.33	SNORD22	Small nucleolar RNA SNORD22	ENSECAG00000026520
1.33	NTHL1	nth endonuclease III-like 1 (E. coli)	ENSECAG00000012595
1.33	GATA5	GATA binding protein 5	ENSECAG00000016642
1.33	ARL6IP5	ADP-ribosylation-like factor 6 interacting protein 5	ENSECAG00000008774
1.33	TOR2A	torsin family 2, member A	ENSECAG00000014482
1.33	DYRK1B	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B	ENSECAG00000021488
1.33	SLC26A11	solute carrier family 26, member 11	ENSECAG00000010099
1.33	SIAH2	siah E3 ubiquitin protein ligase 2	ENSECAG00000025153
1.33	PLEC	plectin	ENSECAG00000015514
1.33	RBFA	ribosome binding factor A (putative)	ENSECAG00000008292
1.33	MBOAT7	membrane bound O-acyltransferase domain containing 7	ENSECAG00000015547
1.33	PI4KB	phosphatidylinositol 4-kinase, catalytic, beta	ENSECAG00000024994
1.33		Uncharacterized protein	ENSECAG00000026942
1.32	SLC35A5	solute carrier family 35, member A5	ENSECAG00000005098
1.32	MTCP1	mature T-cell proliferation 1	ENSECAG00000020815
1.32	RDX	radixin	ENSECAG00000002920
1.32	ARHGAP1	Rho GTPase activating protein 1	ENSECAG00000009844
1.32	GPN3	GPN-loop GTPase 3	ENSECAG00000016144
1.32	PAK1IP1	PAK1 interacting protein 1	ENSECAG00000008288
1.32	SNORA27	Small nucleolar RNA SNORA27	ENSECAG00000025750
1.32	KCTD6	potassium channel tetramerization domain containing 6	ENSECAG00000000409

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.32	SPC24	SPC24, NDC80 kinetochore complex component	ENSECAG00000017469
1.32	CKAP2	cytoskeleton associated protein 2	ENSECAG00000017894
1.31	OCIAD2	OCIA domain containing 2	ENSECAG00000024972
1.31	SALL1	sal-like 1 (Drosophila)	ENSECAG00000011334
1.31	DNAJC5G	DnaJ (Hsp40) homolog, subfamily C, member 5 gamma	ENSECAG00000010707
1.31		Uncharacterized protein	ENSECAG00000014227
1.31	TRPV4	transient receptor potential cation channel, subfamily V, member 4	ENSECAG00000011734
1.31	CIC	capicua transcriptional repressor	ENSECAG00000011342
1.31	SNORA73	Small nucleolar RNA SNORA73 family	ENSECAG00000025887
1.31	TMED9	transmembrane emp24 protein transport domain containing 9	ENSECAG00000022615
1.31	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like	ENSECAG00000005770
1.31	CNTF	ciliary neurotrophic factor	ENSECAG00000006424
1.31		Uncharacterized protein	ENSECAG00000005942
1.31		Uncharacterized protein	ENSECAG00000004093
1.31	PANK1	pantothenate kinase 1	ENSECAG00000008032
1.31	LAMTOR3	late endosomal/lysosomal adaptor, MAPK and MTOR activator 3	ENSECAG00000013569
1.31	TRAF6	TNF receptor-associated factor 6, E3 ubiquitin protein ligase	ENSECAG00000021091
1.31	WARS	tryptophanyl-tRNA synthetase	ENSECAG00000011037
1.31	CCDC137	coiled-coil domain containing 137	ENSECAG00000026974
1.31		Uncharacterized protein	ENSECAG00000017293
1.31	CCDC127	coiled-coil domain containing 127	ENSECAG00000001898
1.31	SPG7	spastic paraplegia 7 (pure and complicated autosomal recessive)	ENSECAG00000018645
1.31	CDKN2AIPNL	CDKN2A interacting protein N-terminal like	ENSECAG00000016203
1.30	PRCC	papillary renal cell carcinoma (translocation-associated)	ENSECAG00000001187
1.30	GOLGA5	golgin A5	ENSECAG00000010430
1.30	PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	ENSECAG00000014830
1.30			ENSECAG00000005976
1.30	PDCD4	programmed cell death 4 (neoplastic transformation inhibitor)	ENSECAG00000020935
1.30	ZC3H7A	zinc finger CCCH-type containing 7A	ENSECAG00000003869
1.30	PLA2G16	phospholipase A2, group XVI	ENSECAG00000019777

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.30	AASDHPPT	aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase	ENSECAG00000013032
1.30	RNF114	ring finger protein 114	ENSECAG00000007250
1.30	CKAP5	cytoskeleton associated protein 5	ENSECAG00000015563
1.30	GP1BA	glycoprotein Ib (platelet), alpha polypeptide	ENSECAG00000002564
1.30	BID	BH3 interacting domain death agonist	ENSECAG00000006592
1.30	TGM1	transglutaminase 1	ENSECAG00000017485
1.30	PMM1	phosphomannomutase 1	ENSECAG00000000302
1.30	RNF44	ring finger protein 44	ENSECAG00000009095
1.30		Uncharacterized protein	ENSECAG00000019269
1.30	C9orf117	chromosome 9 open reading frame 117	ENSECAG00000002156
1.30	LEPREL2	leprecan-like 2	ENSECAG00000021815
1.30	MED19	mediator complex subunit 19	ENSECAG00000014051
1.29	TOMM20L	translocase of outer mitochondrial membrane 20 homolog (yeast)-like	ENSECAG00000017023
1.29	KPNA3	karyopherin alpha 3 (importin alpha 4)	ENSECAG00000015530
1.29	MBD6	methyl-CpG binding domain protein 6	ENSECAG00000021290
1.29	CTTN	cortactin	ENSECAG00000021450
1.29	SUCLA2	succinate-CoA ligase, ADP-forming, beta subunit	ENSECAG00000011122
1.29	SNAP23	synaptosomal-associated protein, 23kDa	ENSECAG00000009143
1.29	STOX1	storkhead box 1	ENSECAG00000022300
1.29	ACTL6A	actin-like 6A	ENSECAG00000013622
1.29	SLC26A3	solute carrier family 26, member 3	ENSECAG00000015404
1.29	GLO1	glyoxalase I	ENSECAG00000019652
1.29	ARHGAP36	Rho GTPase activating protein 36	ENSECAG00000015764
1.29	CC2D1B	coiled-coil and C2 domain containing 1B	ENSECAG00000021934
1.29	UBA3	ubiquitin-like modifier activating enzyme 3	ENSECAG00000009659
1.29	SMARCB1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1	ENSECAG00000007797
1.29	MYBL2	v-myb avian myeloblastosis viral oncogene homolog-like 2	ENSECAG00000005925
1.29	SORBS3	sorbin and SH3 domain containing 3	ENSECAG00000017281
1.28			ENSECAG00000014721

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.28		Uncharacterized protein	ENSECAG00000012589
1.28	MTG2	mitochondrial ribosome-associated GTPase 2	ENSECAG00000020567
1.28	DUSP23	dual specificity phosphatase 23	ENSECAG00000024776
1.28	RXRB	retinoid X receptor, beta	ENSECAG00000023041
1.28			ENSECAG00000026734
1.28	STRADB	STE20-related kinase adaptor beta	ENSECAG00000018298
1.28	C20orf196	chromosome 20 open reading frame 196	ENSECAG00000004657
1.28	FAM46B	family with sequence similarity 46, member B	ENSECAG00000018835
1.28	GLOD4	glyoxalase domain containing 4	ENSECAG00000024418
1.28	SLC30A2	solute carrier family 30 (zinc transporter), member 2	ENSECAG00000010399
1.28	SFXN2	sideroflexin 2	ENSECAG00000024231
1.28	TRPC4AP	transient receptor potential cation channel, subfamily C, member 4 associated protein	ENSECAG00000018628
1.28	NOA1	nitric oxide associated 1	ENSECAG00000020627
1.28	TCEA3	transcription elongation factor A (SII), 3	ENSECAG00000010437
1.28	CTR9	CTR9, Paf1/RNA polymerase II complex component	ENSECAG00000010969
1.27	APP	amyloid beta (A4) precursor protein	ENSECAG00000021011
1.27	ANKLE2	ankyrin repeat and LEM domain containing 2	ENSECAG00000024483
1.27			ENSECAG00000011280
1.27	ARRDC3	arrestin domain containing 3	ENSECAG00000019506
1.27	CASKIN2	CASK interacting protein 2	ENSECAG00000011921
1.27	MPPE1	metallophosphoesterase 1	ENSECAG00000023035
1.27	ALG5	ALG5, dolichyl-phosphate beta-glucosyltransferase	ENSECAG00000024592
1.27	CCND2	cyclin D2	ENSECAG00000012663
1.27	SNORD27	Small nucleolar RNA SNORD27	ENSECAG00000025708
1.27	TST	thiosulfate sulfurtransferase (rhodanese)	ENSECAG00000001854
1.27	PRCP	prolylcarboxypeptidase (angiotensinase C)	ENSECAG00000023356
1.27	ALKBH6	alkB, alkylation repair homolog 6 (E. coli)	ENSECAG00000006341
1.27	RINT1	RAD50 interactor 1	ENSECAG00000018623
1.27	ZNF333	zinc finger protein 333	ENSECAG00000010842

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.27		Uncharacterized protein	ENSECAG00000005622
1.27	PGRMC2	progesterone receptor membrane component 2	ENSECAG00000024492
1.27	PSMB10	proteasome (prosome, macropain) subunit, beta type, 10	ENSECAG00000012022
1.27	ZSCAN22	zinc finger and SCAN domain containing 22	ENSECAG00000002455
1.27	METTL21D	methyltransferase like 21D	ENSECAG00000024379
1.27	HDAC5	histone deacetylase 5	ENSECAG00000021398
1.27	MHCB3	MHC class I heavy chain	ENSECAG00000021785
1.27	GCHFR	GTP cyclohydrolase I feedback regulator	ENSECAG00000007043
1.26	PRKAB1	5'-AMP-activated protein kinase subunit beta-1	ENSECAG00000011947
1.26	ANP32E	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E	ENSECAG00000008718
1.26	NSMCE1	non-SMC element 1 homolog (S. cerevisiae)	ENSECAG00000024006
1.26	CLSTN1	calsyntenin 1	ENSECAG00000023111
1.26	C4orf19	chromosome 4 open reading frame 19	ENSECAG00000017301
1.26	ATP1A3	ATPase, Na ⁺ /K ⁺ transporting, alpha 3 polypeptide	ENSECAG00000024155
1.26	GAS2L1	growth arrest-specific 2 like 1	ENSECAG00000017735
1.26	TOP1	topoisomerase (DNA) I	ENSECAG00000000383
1.26	CENPT	centromere protein T	ENSECAG00000017388
1.26		Uncharacterized protein	ENSECAG00000004322
1.26	PLSCR3	phospholipid scramblase 3	ENSECAG00000015600
1.26	PCSK7	proprotein convertase subtilisin/kexin type 7	ENSECAG00000017980
1.25	CCS	copper chaperone for superoxide dismutase	ENSECAG00000022701
1.25	FKBP9	FK506 binding protein 9, 63 kDa	ENSECAG00000000404
1.25		Uncharacterized protein	ENSECAG00000022355
1.25	SCYL3	SCY1-like 3 (S. cerevisiae)	ENSECAG00000022282
1.25	GALNS	galactosamine (N-acetyl)-6-sulfate sulfatase	ENSECAG00000008732
1.25	SALL4	sal-like 4 (Drosophila)	ENSECAG00000018533
1.25	FAM92A1	family with sequence similarity 92, member A1	ENSECAG00000007382
1.25	EPGN	epithelial mitogen	ENSECAG00000008112
1.25	LENG1	leukocyte receptor cluster (LRC) member 1	ENSECAG00000012637
1.25	HSPA14	heat shock 70kDa protein 14	ENSECAG00000018882

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.25		Uncharacterized protein	ENSECAG00000014055
1.25	SFR1	SWI5-dependent recombination repair 1	ENSECAG00000005386
1.25	ZNF263	zinc finger protein 263	ENSECAG000000024249
1.25	RIPK3	receptor-interacting serine-threonine kinase 3	ENSECAG000000008781
1.25	FZD6	frizzled family receptor 6	ENSECAG000000014710
1.24		Uncharacterized protein	ENSECAG000000002522
1.24		Uncharacterized protein	ENSECAG000000009346
1.24	YIPF6	Yip1 domain family, member 6	ENSECAG000000000351
1.24	IFT46	intraflagellar transport 46 homolog (Chlamydomonas)	ENSECAG000000014240
1.24	KBTBD6	kelch repeat and BTB (POZ) domain containing 6	ENSECAG000000001410
1.24	LEPROTL1	leptin receptor overlapping transcript-like 1	ENSECAG000000022797
1.24	DEPDC7	DEP domain containing 7	ENSECAG000000001667
1.24	F10	coagulation factor X	ENSECAG000000015294
1.24	NBR1	neighbor of BRCA1 gene 1	ENSECAG000000006950
1.24	XPC	xeroderma pigmentosum, complementation group C	ENSECAG000000015499
1.24	SNORD45	Small nucleolar RNA SNORD45	ENSECAG000000025415
1.24	C4orf27	chromosome 4 open reading frame 27	ENSECAG000000013735
1.24	RECQL4	RecQ protein-like 4	ENSECAG000000018665
1.24		Uncharacterized protein	ENSECAG000000016479
1.24	TM2D3	TM2 domain containing 3	ENSECAG000000022561
1.24	ABHD10	abhydrolase domain containing 10	ENSECAG000000013617
1.24	GCC1	GRIP and coiled-coil domain containing 1	ENSECAG000000019925
1.24	DYNC1LI1	dynein, cytoplasmic 1, light intermediate chain 1	ENSECAG000000010584
1.24		Uncharacterized protein	ENSECAG000000022042
1.23	MOB1A	MOB kinase activator 1A	ENSECAG000000023379
1.23	KTN1	kinectin 1 (kinesin receptor)	ENSECAG000000015910
1.23	KAT2A	K(lysine) acetyltransferase 2A	ENSECAG000000025059
1.23	MAGOHB	mago-nashi homolog B (Drosophila)	ENSECAG000000026878
1.23	ZBTB10	zinc finger and BTB domain containing 10	ENSECAG000000013073
1.23	GPT	glutamic-pyruvate transaminase (alanine aminotransferase)	ENSECAG000000014352

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.23	NSUN5	NOP2/Sun domain family, member 5	ENSECAG00000012138
1.23			ENSECAG00000001500
1.23	SP6	Sp6 transcription factor	ENSECAG00000012853
1.23	ZNF598	zinc finger protein 598	ENSECAG00000014058
1.23	ATP6V1C1	ATPase, H ⁺ transporting, lysosomal 42kDa, V1 subunit C1	ENSECAG00000024964
1.23	MANSC1	MANSC domain containing 1	ENSECAG00000016329
1.23	ZC3H11A	zinc finger CCCH-type containing 11A	ENSECAG00000000042
1.23	GTF2B	general transcription factor IIB	ENSECAG00000024914
1.23	MRPL22	mitochondrial ribosomal protein L22	ENSECAG00000018172
1.22	RBM34	RNA binding motif protein 34	ENSECAG00000013333
1.22			ENSECAG00000005790
1.22	PPP2R1B	protein phosphatase 2, regulatory subunit A, beta	ENSECAG00000012108
1.22	RNF103	ring finger protein 103	ENSECAG00000022304
1.22	MLYCD	malonyl-CoA decarboxylase	ENSECAG00000022837
1.22	HIP1R	huntingtin interacting protein 1 related	ENSECAG00000008993
1.22	GALNT2	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2)	ENSECAG00000008653
1.22	RABEP2	rabaptin, RAB GTPase binding effector protein 2	ENSECAG00000020116
1.22	PRKRA	protein kinase, interferon-inducible double stranded RNA dependent activator	ENSECAG00000024263
1.22	GYG1	glycogenin 1	ENSECAG00000023192
1.22		Uncharacterized protein	ENSECAG00000016264
1.22	HPRT1	hypoxanthine phosphoribosyltransferase 1	ENSECAG00000017534
1.22	PKMYT1	protein kinase, membrane associated tyrosine/threonine 1	ENSECAG00000022901
1.22	GPR146	G protein-coupled receptor 146	ENSECAG00000001312
1.22	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENSECAG00000021731
1.22			ENSECAG00000026775
1.22	TSHZ1	teashirt zinc finger homeobox 1	ENSECAG00000002955
1.21	DBR1	debranching RNA lariats 1	ENSECAG00000013920
1.21			ENSECAG00000021349
1.21	C11orf54	chromosome 11 open reading frame 54	ENSECAG00000015110

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.21	CBX8	chromobox homolog 8	ENSECAG00000019253
1.21	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group)	ENSECAG00000006058
1.21			ENSECAG000000011475
1.21	COQ4	coenzyme Q4 homolog (S. cerevisiae)	ENSECAG00000000350
1.21	TOP2B	topoisomerase (DNA) II beta 180kDa	ENSECAG00000005608
1.21	PARP2	poly (ADP-ribose) polymerase 2	ENSECAG00000005548
1.21	PLBD1	phospholipase B domain containing 1	ENSECAG000000014867
1.21	KIAA0195	KIAA0195	ENSECAG000000016214
1.21	MCUR1	mitochondrial calcium uniporter regulator 1	ENSECAG000000009150
1.21	CDCA7L	cell division cycle associated 7-like	ENSECAG000000022400
1.21		Uncharacterized protein	ENSECAG000000003471
1.21	XRCC1	X-ray repair complementing defective repair in Chinese hamster cells 1	ENSECAG000000014127
1.21	AP4B1	adaptor-related protein complex 4, beta 1 subunit	ENSECAG000000022112
1.21	KDEL2	KDEL (Lys-Asp-Glu-Leu) containing 2	ENSECAG000000024022
1.21	GSTK1	glutathione S-transferase kappa 1	ENSECAG000000022803
1.20		Uncharacterized protein	ENSECAG000000018596
1.20	NFS1	NFS1 nitrogen fixation 1 homolog (S. cerevisiae)	ENSECAG000000022539
1.20	SNORD121A	Small nucleolar RNA SNORD121A	ENSECAG000000027530
1.20	LRCH4	leucine-rich repeats and calponin homology (CH) domain containing 4	ENSECAG000000023227
1.20	SLC35B3	solute carrier family 35 (adenosine 3'-phospho 5'-phosphosulfate transporter), member B3	ENSECAG000000011526
1.20	MBP	myelin basic protein	ENSECAG000000010961
1.20	TMEM237	transmembrane protein 237	ENSECAG000000019645
1.20		Uncharacterized protein	ENSECAG000000014236
1.20	SOCS1	suppressor of cytokine signaling 1	ENSECAG000000026965
1.20	GSKIP	GSK3B interacting protein	ENSECAG000000008815
1.20	VRK3	vaccinia related kinase 3	ENSECAG000000020568
1.20	UPB1	ureidopropionase, beta	ENSECAG000000017804
1.20	VNN2	vanin 2	ENSECAG000000023216
1.20	RNPEP	arginyl aminopeptidase (aminopeptidase B)	ENSECAG000000023740

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.20	TSKS	testis-specific serine kinase substrate	ENSECAG00000023945
1.19	NFYB	nuclear transcription factor Y subunit beta	ENSECAG00000008879
1.19	ZNF782	zinc finger protein 782	ENSECAG00000018792
1.19	BTBD1	BTB (POZ) domain containing 1	ENSECAG00000017040
1.19	DEK	DEK oncogene	ENSECAG00000012231
1.19	PIAS3	protein inhibitor of activated STAT, 3	ENSECAG00000017540
1.19	MAEA	macrophage erythroblast attacher	ENSECAG00000013742
1.19	SNORD18	Small nucleolar RNA SNORD18	ENSECAG00000025676
1.19	YRDC	yrdC domain containing (E. coli)	ENSECAG00000022522
1.19			ENSECAG00000015017
1.19	ATG4B	autophagy related 4B, cysteine peptidase	ENSECAG00000006659
1.19	SLC7A3	solute carrier family 7 (cationic amino acid transporter, y+ system), member 3	ENSECAG00000020612
1.19	STRN4	striatin, calmodulin binding protein 4	ENSECAG00000002830
1.19	SCRIB	scribbled planar cell polarity protein	ENSECAG00000013823
1.19	SCO1	SCO1 cytochrome c oxidase assembly protein	ENSECAG00000025151
1.19	LSM14B	LSM14B, SCD6 homolog B (S. cerevisiae)	ENSECAG00000010659
1.19	RNF19A	ring finger protein 19A, E3 ubiquitin protein ligase	ENSECAG00000007894
1.19	GAB1	GRB2-associated binding protein 1	ENSECAG00000008570
1.19	HDAC6	histone deacetylase 6	ENSECAG00000000227
1.19	OGFR	opioid growth factor receptor	ENSECAG00000021836
1.18	PRSS22	protease, serine, 22	ENSECAG00000017432
1.18	PARP1	poly (ADP-ribose) polymerase 1	ENSECAG00000019207
1.18		Uncharacterized protein	ENSECAG00000005126
1.18	CCDC84	coiled-coil domain containing 84	ENSECAG00000017417
1.18		Uncharacterized protein	ENSECAG00000008222
1.18	ZC2HC1C	zinc finger, C2HC-type containing 1C	ENSECAG00000017661
1.18	UBA2	ubiquitin-like modifier activating enzyme 2	ENSECAG00000000048
1.18	FRG1	FSHD region gene 1	ENSECAG00000003122
1.18	SCGB1A1	uteroglobin precursor	ENSECAG00000010662
1.18	HJURP	Holliday junction recognition protein	ENSECAG00000010053

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.18	GJB4	gap junction protein, beta 4, 30.3kDa	ENSECAG00000005240
1.18	DCUN1D1	DCN1, defective in cullin neddylation 1, domain containing 1	ENSECAG000000021365
1.18	CPSF7	cleavage and polyadenylation specific factor 7, 59kDa	ENSECAG000000018521
1.18	TMEM128	transmembrane protein 128	ENSECAG000000012014
1.18	C9orf114	chromosome 9 open reading frame 114	ENSECAG000000010177
1.18	C5orf54	chromosome 5 open reading frame 54	ENSECAG000000004167
1.18	TXLNB	taxilin beta	ENSECAG000000010057
1.17	CDC42BPG	CDC42 binding protein kinase gamma (DMPK-like)	ENSECAG000000009712
1.17		Uncharacterized protein	ENSECAG000000007814
1.17	JAK1	Janus kinase 1	ENSECAG000000018673
1.17	PNPLA6	patatin-like phospholipase domain containing 6	ENSECAG000000012712
1.17		Uncharacterized protein	ENSECAG000000008820
1.17	C9orf169	chromosome 9 open reading frame 169	ENSECAG000000003725
1.17	U2	U2 spliceosomal RNA	ENSECAG000000026243
1.17			ENSECAG000000004882
1.17	TIMELESS	timeless circadian clock	ENSECAG00000002892
1.17	SLC12A7	solute carrier family 12 (potassium/chloride transporters), member 7	ENSECAG000000009911
1.17	DNASE1L2	deoxyribonuclease I-like 2	ENSECAG000000023983
1.17	AJUBA	ajuba LIM protein	ENSECAG000000009971
1.17	TRMT10B	tRNA methyltransferase 10 homolog B (<i>S. cerevisiae</i>)	ENSECAG000000022650
1.17	TMEM187	transmembrane protein 187	ENSECAG000000001086
1.17	XPO7	exportin 7	ENSECAG000000023304
1.17	ARHGEF1	Rho guanine nucleotide exchange factor (GEF) 1	ENSECAG000000008262
1.17	LRRN2	leucine rich repeat neuronal 2	ENSECAG000000005887
1.17	UNC119B	unc-119 homolog B (<i>C. elegans</i>)	ENSECAG000000022266
1.17	TMEM18	transmembrane protein 18	ENSECAG000000008640
1.17	ABHD1	abhydrolase domain containing 1	ENSECAG000000026975
1.17	GPBP1	GC-rich promoter binding protein 1	ENSECAG000000021610
1.17	ALG11	ALG11, alpha-1,2-mannosyltransferase	ENSECAG000000018321
1.17	ABHD6	abhydrolase domain containing 6	ENSECAG000000007024

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.17	NDFIP2	Nedd4 family interacting protein 2	ENSECAG00000023155
1.17	DEF8	differentially expressed in FDCP 8 homolog (mouse)	ENSECAG00000008536
1.16			ENSECAG00000015302
1.16	TYSND1	trypsin domain containing 1	ENSECAG00000009202
1.16	MRPS11	mitochondrial ribosomal protein S11	ENSECAG00000007319
1.16	TULP1	tubby like protein 1	ENSECAG00000007517
1.16	MCM3AP	minichromosome maintenance complex component 3 associated protein	ENSECAG00000018980
1.16	TNNI1	troponin I type 1 (skeletal, slow)	ENSECAG00000016776
1.16	COTL1	coactosin-like 1 (Dictyostellium)	ENSECAG00000012738
1.16		Uncharacterized protein	ENSECAG00000020411
1.16	CCDC121	coiled-coil domain containing 121	ENSECAG00000002452
1.16	SRGN	serglycin	ENSECAG00000009192
1.16	C1orf54	chromosome 1 open reading frame 54	ENSECAG00000012923
1.16	LACTB2	lactamase, beta 2	ENSECAG00000017296
1.16	TPR	translocated promoter region, nuclear basket protein	ENSECAG00000020724
1.16	NCAPG	non-SMC condensin I complex, subunit G	ENSECAG00000007470
1.16	ZBTB8OS	zinc finger and BTB domain containing 8 opposite strand	ENSECAG00000020982
1.16	SNORD113	Small nucleolar RNA SNORD113/SNORD114 family	ENSECAG00000026677
1.16	MYNN	myoneurin	ENSECAG00000016427
1.16	ENPP5	ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative)	ENSECAG00000012012
1.16	KIAA1586	KIAA1586	ENSECAG00000009447
1.16	AP5S1	adaptor-related protein complex 5, sigma 1 subunit	ENSECAG00000025082
1.16	RPF1	ribosome production factor 1 homolog (S. cerevisiae)	ENSECAG00000019661
1.16			ENSECAG00000018302
1.16	RPUSD3	RNA pseudouridylate synthase domain containing 3	ENSECAG00000019988
1.16	FAM162A	family with sequence similarity 162, member A	ENSECAG00000020415
1.15	RHBDD2	rhomboid domain containing 2	ENSECAG00000021173
1.15	SMARCD3	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3	ENSECAG00000017544
1.15		Uncharacterized protein	ENSECAG00000002903

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.15	NQO1	NAD(P)H dehydrogenase, quinone 1	ENSECAG00000020378
1.15	SCARNA15	Small Cajal body specific RNA 15	ENSECAG00000027039
1.15	MRM1	mitochondrial rRNA methyltransferase 1 homolog (S. cerevisiae)	ENSECAG00000025139
1.15	snoU83B	Small nucleolar RNA U83B	ENSECAG00000025382
1.15			ENSECAG00000007662
1.15			ENSECAG00000003426
1.15	DDX51	DEAD (Asp-Glu-Ala-Asp) box polypeptide 51	ENSECAG00000018910
1.15	HIST3H2A	histone cluster 3, H2a	ENSECAG00000006041
1.15	YIPF1	Yip1 domain family, member 1	ENSECAG00000011633
1.15	COQ10A	coenzyme Q10 homolog A (S. cerevisiae)	ENSECAG00000015874
1.15	ZNF30	zinc finger protein 30	ENSECAG00000005128
1.15	ZBTB21	zinc finger and BTB domain containing 21	ENSECAG00000013046
1.15		Uncharacterized protein	ENSECAG00000015037
1.15	CHML	choroideremia-like (Rab escort protein 2)	ENSECAG00000002924
1.14			ENSECAG00000011807
1.14	COPS8	COP9 signalosome subunit 8	ENSECAG00000013601
1.14	C5orf63	chromosome 5 open reading frame 63	ENSECAG00000007492
1.14	ZNF639	zinc finger protein 639	ENSECAG00000015691
1.14		Uncharacterized protein	ENSECAG00000015223
1.14	ABHD14B	abhydrolase domain containing 14B	ENSECAG00000022421
1.14	GALNT12	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 12 (GalNAc-T12)	ENSECAG00000016546
1.14	TOR1B	torsin family 1, member B (torsin B)	ENSECAG00000008630
1.14	EXOC3L4	exocyst complex component 3-like 4	ENSECAG00000009801
1.14	PINK1	PTEN induced putative kinase 1	ENSECAG00000009170
1.14	SH3GLB1	SH3-domain GRB2-like endophilin B1	ENSECAG00000009160
1.14	LZTS2	leucine zipper, putative tumor suppressor 2	ENSECAG00000013288
1.14		Uncharacterized protein	ENSECAG00000015214
1.14	INTS12	integrator complex subunit 12	ENSECAG00000010911
1.14	C14orf28	chromosome 14 open reading frame 28	ENSECAG00000007020

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.14	HAGH	hydroxyacylglutathione hydrolase	ENSECAG00000005471
1.14	ZFP64	ZFP64 zinc finger protein	ENSECAG000000021570
1.14	PHF13	PHD finger protein 13	ENSECAG000000009830
1.14	STAU1	staufen double-stranded RNA binding protein 1	ENSECAG000000012894
1.14	YEATS4	YEATS domain containing 4	ENSECAG000000020166
1.13	FZD8	frizzled family receptor 8	ENSECAG000000005857
1.13		Uncharacterized protein	ENSECAG000000008928
1.13	PDK1	pyruvate dehydrogenase kinase, isozyme 1	ENSECAG000000006213
1.13	GPBAR1	G protein-coupled bile acid receptor 1	ENSECAG000000006763
1.13			ENSECAG000000019858
1.13	SERINC1	serine incorporator 1	ENSECAG000000017369
1.13	MUS81	MUS81 structure-specific endonuclease subunit	ENSECAG000000019967
1.13	CNKSR1	connector enhancer of kinase suppressor of Ras 1	ENSECAG000000019108
1.13	ZNF438	zinc finger protein 438	ENSECAG000000020904
1.13	TRIM65	tripartite motif containing 65	ENSECAG000000020931
1.13	GATAD1	GATA zinc finger domain containing 1	ENSECAG000000021181
1.13	VPS36	vacuolar protein sorting 36 homolog (S. cerevisiae)	ENSECAG000000018146
1.13	INF2	inverted formin, FH2 and WH2 domain containing	ENSECAG000000007611
1.13	PEX3	peroxisomal biogenesis factor 3	ENSECAG000000013200
1.13	ACADM	acyl-CoA dehydrogenase, C-4 to C-12 straight chain	ENSECAG000000021085
1.13	FAM115C	family with sequence similarity 115, member C	ENSECAG000000014110
1.13	PUS1	pseudouridylate synthase 1	ENSECAG000000006965
1.12		Uncharacterized protein	ENSECAG000000007605
1.12	UBQLN4	ubiquilin 4	ENSECAG000000009993
1.12		Uncharacterized protein	ENSECAG000000020750
1.12	RNF11	ring finger protein 11	ENSECAG000000024974
1.12	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3	ENSECAG000000019779
1.12	DES	desmin	ENSECAG000000013832
1.12	HP1BP3	heterochromatin protein 1, binding protein 3	ENSECAG000000007787
1.12	RNF135	ring finger protein 135	ENSECAG000000014806

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.12	CETN3	centrin, EF-hand protein, 3	ENSECAG00000024704
1.12	STAT5B	signal transducer and activator of transcription 5B	ENSECAG00000007847
1.12	COMMD8	COMM domain containing 8	ENSECAG00000020380
1.12	MFSD11	major facilitator superfamily domain containing 11	ENSECAG00000011098
1.12	KRAS	Kirsten rat sarcoma viral oncogene homolog	ENSECAG00000017455
1.12	CCDC167	coiled-coil domain containing 167	ENSECAG00000007835
1.12	TMEM168	transmembrane protein 168	ENSECAG00000021172
1.12			ENSECAG00000013776
1.12	TRUB2	TruB pseudouridine (psi) synthase homolog 2 (E. coli)	ENSECAG00000023520
1.12	SMCR7	Smith-Magenis syndrome chromosome region, candidate 7	ENSECAG00000016798
1.11	GPATCH4	G patch domain containing 4	ENSECAG00000011135
1.11	YAE1D1	Yae1 domain containing 1	ENSECAG00000014499
1.11	C9orf156	chromosome 9 open reading frame 156	ENSECAG00000011156
1.11	PRPF31	pre-mRNA processing factor 31	ENSECAG00000020667
1.11	ARHGEF5	Rho guanine nucleotide exchange factor (GEF) 5	ENSECAG00000021664
1.11	RND3	Rho family GTPase 3	ENSECAG00000021310
1.11	STOM	stomatin	ENSECAG00000012929
1.11	ERCC3	excision repair cross-complementing rodent repair deficiency, complementation group 3	ENSECAG00000006589
1.11		Uncharacterized protein	ENSECAG00000020618
1.11	ZSWIM1	zinc finger, SWIM-type containing 1	ENSECAG00000001532
1.11	SLC30A5	solute carrier family 30 (zinc transporter), member 5	ENSECAG00000024474
1.11	HRC	histidine rich calcium binding protein	ENSECAG00000020005
1.11	PKP3	plakophilin 3	ENSECAG00000026948
1.11	GSTA4	glutathione S-transferase alpha 4	ENSECAG00000019037
1.11	TNKS1BP1	tankyrase 1 binding protein 1, 182kDa	ENSECAG00000015938
1.11	RNF20	ring finger protein 20, E3 ubiquitin protein ligase	ENSECAG00000018149
1.11	TRIM45	tripartite motif containing 45	ENSECAG00000010259
1.11	LLGL1	lethal giant larvae homolog 1 (Drosophila)	ENSECAG00000017646
1.11	COA5	cytochrome c oxidase assembly factor 5	ENSECAG00000004183

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.11			ENSECAG00000015297
1.11	RALY	RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse))	ENSECAG00000012357
1.11	RRNAD1	ribosomal RNA adenine dimethylase domain containing 1	ENSECAG00000012834
1.11	ZNF331	zinc finger protein 331	ENSECAG00000007445
1.11	NCOA1	nuclear receptor coactivator 1	ENSECAG00000017819
1.11	MRGBP	MRG/MORF4L binding protein	ENSECAG00000021079
1.11	ZSCAN9	zinc finger and SCAN domain containing 9	ENSECAG00000015075
1.11	DPH7	diphthamide biosynthesis 7	ENSECAG00000011855
1.11		Uncharacterized protein	ENSECAG00000017290
1.11	UBLCP1	ubiquitin-like domain containing CTD phosphatase 1	ENSECAG00000019228
1.11	SGMS1	sphingomyelin synthase 1	ENSECAG00000000125
1.10	MMS19	MMS19 nucleotide excision repair homolog (S. cerevisiae)	ENSECAG00000009259
1.10	ZER1	zyg-11 related, cell cycle regulator	ENSECAG00000015821
1.10	HECTD1	HECT domain containing E3 ubiquitin protein ligase 1	ENSECAG00000023505
1.10	eca-mir-214	eca-mir-214	ENSECAG00000026169
1.10	THY1	Thy-1 cell surface antigen	ENSECAG00000009966
1.10	ZNF250	zinc finger protein 250	ENSECAG00000000390
1.10			ENSECAG00000024586
1.10	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	ENSECAG00000009723
1.10	EZH2	enhancer of zeste homolog 2 (Drosophila)	ENSECAG00000021529
1.10	WRNIP1	Werner helicase interacting protein 1	ENSECAG00000008348
1.10	DCAF16	DDB1 and CUL4 associated factor 16	ENSECAG00000002410
1.10	APMAP	adipocyte plasma membrane associated protein	ENSECAG00000014524
1.10	FITM2	fat storage-inducing transmembrane protein 2	ENSECAG00000023757
1.10	ACSL5	acyl-CoA synthetase long-chain family member 5	ENSECAG00000022003
1.10	PAN2	PAN2 poly(A) specific ribonuclease subunit homolog (S. cerevisiae)	ENSECAG00000019814
1.10		Uncharacterized protein	ENSECAG00000017295
1.10	TMEM87A	transmembrane protein 87A	ENSECAG00000014989
1.10	NPPC	natriuretic peptide C	ENSECAG00000000840

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.10	ERP44	endoplasmic reticulum protein 44	ENSECAG00000016785
1.10	PIP4K2A	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	ENSECAG00000007707
1.10	ZC3HC1	zinc finger, C3HC-type containing 1	ENSECAG00000017886
1.10	MRPL46	mitochondrial ribosomal protein L46	ENSECAG00000007635
1.09	ZFP62	ZFP62 zinc finger protein	ENSECAG00000003722
1.09	NUP85	nucleoporin 85kDa	ENSECAG00000019159
1.09	NCDN	neurochondrin	ENSECAG00000008891
1.09		Uncharacterized protein	ENSECAG00000018693
1.09	SNORA70	Small nucleolar RNA SNORA70	ENSECAG00000025518
1.09		Uncharacterized protein	ENSECAG00000001893
1.09	PARD6B	par-6 partitioning defective 6 homolog beta (C. elegans)	ENSECAG00000009294
1.09	CCDC50	coiled-coil domain containing 50	ENSECAG00000014753
1.09			ENSECAG00000024877
1.09	ZNF318	zinc finger protein 318	ENSECAG00000001119
1.09	SEPN1	selenoprotein N, 1	ENSECAG00000011412
1.09	CDC6	cell division cycle 6	ENSECAG00000009913
1.09	RHOU	ras homolog family member U	ENSECAG00000007462
1.09	CRLS1	cardiolipin synthase 1	ENSECAG00000023869
1.09	ICAM3	intercellular adhesion molecule 3	ENSECAG00000024723
1.09	MED18	mediator complex subunit 18	ENSECAG00000000606
1.09	CD2AP	CD2-associated protein	ENSECAG00000018037
1.09	GGA2	golgi-associated, gamma adaptin ear containing, ARF binding protein 2	ENSECAG00000020182
1.09		Uncharacterized protein	ENSECAG00000002090
1.09	SHISA5	shisa homolog 5 (Xenopus laevis)	ENSECAG00000008659
1.09		Uncharacterized protein	ENSECAG00000015705
1.09	C2orf47	chromosome 2 open reading frame 47	ENSECAG00000015073
1.09	TMEM45A	transmembrane protein 45A	ENSECAG00000011816
1.09	PSD	pleckstrin and Sec7 domain containing	ENSECAG00000007172
1.09	CHST10	carbohydrate sulfotransferase 10	ENSECAG00000017766
1.08	PDRG1	p53 and DNA-damage regulated 1	ENSECAG00000009432

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.08	ARHGEF2	Rho/Rac guanine nucleotide exchange factor (GEF) 2	ENSECAG00000013759
1.08	SPC25	SPC25, NDC80 kinetochore complex component	ENSECAG00000024519
1.08	U2	U2 spliceosomal RNA	ENSECAG00000026075
1.08	OSBPL2	oxysterol binding protein-like 2	ENSECAG00000010200
1.08	GALNT3	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 (GalNAc-T3)	ENSECAG00000007974
1.08	HPCAL1	hippocalcin-like 1	ENSECAG00000006159
1.08	ETV4	ets variant 4	ENSECAG00000015611
1.08	MAN2C1	mannosidase, alpha, class 2C, member 1	ENSECAG00000021864
1.08		Uncharacterized protein	ENSECAG00000002652
1.08	IARS	isoleucyl-tRNA synthetase	ENSECAG00000023253
1.08	SS18	synovial sarcoma translocation, chromosome 18	ENSECAG00000007703
1.08	NARF	nuclear prelamin A recognition factor	ENSECAG00000009231
1.08	TTC9C	tetratricopeptide repeat domain 9C	ENSECAG00000021356
1.08	PPP1R1B	protein phosphatase 1, regulatory (inhibitor) subunit 1B	ENSECAG00000020165
1.08	COX19	cytochrome c oxidase assembly homolog 19 (S. cerevisiae)	ENSECAG00000015778
1.08	UTP18	UTP18 small subunit (SSU) processome component homolog (yeast)	ENSECAG00000008260
1.08	TMEM98	transmembrane protein 98	ENSECAG00000007610
1.08		Uncharacterized protein	ENSECAG00000009040
1.08	ZNF391	zinc finger protein 391	ENSECAG00000003007
1.08	RNASEH2A	ribonuclease H2, subunit A	ENSECAG00000007013
1.08	RAB18	RAB18, member RAS oncogene family	ENSECAG00000017521
1.08	PRPF40A	PRP40 pre-mRNA processing factor 40 homolog A (S. cerevisiae)	ENSECAG00000009113
1.08	C16orf87	chromosome 16 open reading frame 87	ENSECAG00000009182
1.08	NME6	NME/NM23 nucleoside diphosphate kinase 6	ENSECAG00000012881
1.08	DAK	dihydroxyacetone kinase 2 homolog (S. cerevisiae)	ENSECAG00000015944
1.08	NBN	nibrin	ENSECAG00000013889
1.08	SAMD4B	sterile alpha motif domain containing 4B	ENSECAG00000015551
1.08	BHLHB9	basic helix-loop-helix domain containing, class B, 9	ENSECAG00000002232
1.08	TCTA	T-cell leukemia translocation altered	ENSECAG00000017355

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.07		Uncharacterized protein	ENSECAG00000004121
1.07	PATZ1	POZ (BTB) and AT hook containing zinc finger 1	ENSECAG00000025030
1.07	FGFR3	fibroblast growth factor receptor 3	ENSECAG00000019533
1.07		Uncharacterized protein	ENSECAG00000012246
1.07	FBXO18	F-box protein, helicase, 18	ENSECAG00000006839
1.07	CPNE3	copine III	ENSECAG00000021241
1.07	OGFOD3	2-oxoglutarate and iron-dependent oxygenase domain containing 3	ENSECAG00000018725
1.07	KIAA1191	KIAA1191	ENSECAG00000003238
1.07	LIMD2	LIM domain containing 2	ENSECAG00000007960
1.07	TCEB1	transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C)	ENSECAG00000000064
1.07	RNF166	ring finger protein 166	ENSECAG00000012880
1.07	PSMF1	proteasome (prosome, macropain) inhibitor subunit 1 (PI31)	ENSECAG00000024013
1.07	RAB40C	RAB40C, member RAS oncogene family	ENSECAG00000008919
1.07	GOLGA2	golgin A2	ENSECAG00000000485
1.07	MAP1S	microtubule-associated protein 1S	ENSECAG00000000529
1.07	TRIM38	tripartite motif containing 38	ENSECAG00000024438
1.07	CCDC90B	coiled-coil domain containing 90B	ENSECAG00000013853
1.07	HAUS3	HAUS augmin-like complex, subunit 3	ENSECAG00000004593
1.07	INTS10	integrator complex subunit 10	ENSECAG00000018090
1.07	NEURL2	neuralized homolog 2 (Drosophila)	ENSECAG00000002061
1.07		Uncharacterized protein	ENSECAG00000023129
1.07			ENSECAG00000012426
1.07	VPS16	vacuolar protein sorting 16 homolog (S. cerevisiae)	ENSECAG00000013499
1.07	CAPN15	calpain 15	ENSECAG00000011148
1.07		Uncharacterized protein	ENSECAG00000007978
1.07	RGMB	RGM domain family, member B	ENSECAG00000018369
1.07	ZNF32	zinc finger protein 32	ENSECAG00000023676
1.07	HSD17B11	hydroxysteroid (17-beta) dehydrogenase 11	ENSECAG00000008173
1.07	CUL3	cullin 3	ENSECAG00000011374
1.07	ZNF414	zinc finger protein 414	ENSECAG00000023401

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.06	CNPY4	canopy 4 homolog (zebrafish)	ENSECAG00000021787
1.06			ENSECAG000000010687
1.06	NUDT1	nudix (nucleoside diphosphate linked moiety X)-type motif 1	ENSECAG00000009340
1.06	RNF7	ring finger protein 7	ENSECAG00000026883
1.06	FAM217B	family with sequence similarity 217, member B	ENSECAG00000004770
1.06	TMEM107	transmembrane protein 107	ENSECAG00000014324
1.06	PLEKHG3	pleckstrin homology domain containing, family G (with RhoGef domain) member 3	ENSECAG00000006117
1.06	MAK16	MAK16 homolog (S. cerevisiae)	ENSECAG00000016532
1.06	PEX6	peroxisomal biogenesis factor 6	ENSECAG00000019577
1.06	HNRNPLL	heterogeneous nuclear ribonucleoprotein L-like	ENSECAG00000018354
1.06	FGFR4	fibroblast growth factor receptor 4	ENSECAG00000020869
1.06	ZNF300	zinc finger protein 300	ENSECAG00000008211
1.06	SLC25A35	solute carrier family 25, member 35	ENSECAG00000015394
1.06			ENSECAG00000019974
1.06	ZNF213	zinc finger protein 213	ENSECAG00000009465
1.06	LUC7L	LUC7-like (S. cerevisiae)	ENSECAG00000000792
1.06	TICAM1	toll-like receptor adaptor molecule 1	ENSECAG00000004791
1.06	ERBB2	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2	ENSECAG00000020409
1.06	VNN1	vanin 1	ENSECAG00000022135
1.06	RECQL5	RecQ protein-like 5	ENSECAG00000007563
1.06	TPRN	taperin	ENSECAG00000023506
1.06		Uncharacterized protein	ENSECAG00000006668
1.06	UBE2G1	ubiquitin-conjugating enzyme E2G 1	ENSECAG00000022847
1.06	CHPT1	choline phosphotransferase 1	ENSECAG00000019000
1.06	RNF215	ring finger protein 215	ENSECAG00000020939
1.06	TXNDC8	thioredoxin domain containing 8 (spermatozoa)	ENSECAG00000021607
1.06	LARS	leucyl-tRNA synthetase	ENSECAG00000008963
1.05	KIF2C	kinesin family member 2C	ENSECAG00000019038
1.05	S1PR2	sphingosine-1-phosphate receptor 2	ENSECAG00000004727
1.05	TMCC3	transmembrane and coiled-coil domain family 3	ENSECAG00000011697

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.05	API5	apoptosis inhibitor 5	ENSECAG00000022492
1.05	CRK	v-crk avian sarcoma virus CT10 oncogene homolog	ENSECAG00000011550
1.05	GRK6	G protein-coupled receptor kinase 6	ENSECAG00000019815
1.05	SLC33A1	solute carrier family 33 (acetyl-CoA transporter), member 1	ENSECAG00000022461
1.05	COA1	cytochrome c oxidase assembly factor 1 homolog (S. cerevisiae)	ENSECAG00000011136
1.05	ATP2B1	ATPase, Ca++ transporting, plasma membrane 1	ENSECAG00000008450
1.05	SAP30BP	SAP30 binding protein	ENSECAG00000025125
1.05	GNAI3	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3	ENSECAG00000010087
1.05	CYFIP1	cytoplasmic FMR1 interacting protein 1	ENSECAG00000012143
1.05	SH3TC2	SH3 domain and tetratricopeptide repeats 2	ENSECAG00000009311
1.05	POLR1E	polymerase (RNA) I polypeptide E, 53kDa	ENSECAG00000014669
1.05	ALG3	ALG3, alpha-1,3- mannosyltransferase	ENSECAG00000024917
1.05	CCNH	cyclin H	ENSECAG00000001853
1.05	BPNT1	3'(2'), 5'-bisphosphate nucleotidase 1	ENSECAG00000021210
1.05	PLBD2	phospholipase B domain containing 2	ENSECAG00000009317
1.05	USP21	ubiquitin specific peptidase 21	ENSECAG00000016189
1.05	DDHD2	DDHD domain containing 2	ENSECAG00000008062
1.05	MPC2	mitochondrial pyruvate carrier 2	ENSECAG00000000047
1.05	CFDP1	craniofacial development protein 1	ENSECAG00000018926
1.05	POGK	pogo transposable element with KRAB domain	ENSECAG00000003013
1.05	PPA2	pyrophosphatase (inorganic) 2	ENSECAG00000011236
1.04	LYSMD4	LysM, putative peptidoglycan-binding, domain containing 4	ENSECAG00000000376
1.04	SETDB1	SET domain, bifurcated 1	ENSECAG00000023954
1.04	STARD4	StAR-related lipid transfer (START) domain containing 4	ENSECAG00000016183
1.04	C11orf57	chromosome 11 open reading frame 57	ENSECAG00000014411
1.04	NPC1	Niemann-Pick disease, type C1	ENSECAG00000021651
1.04	SMCR8	Smith-Magenis syndrome chromosome region, candidate 8	ENSECAG00000016316
1.04	ZDHHC3	zinc finger, DHHC-type containing 3	ENSECAG00000010029
1.04	IQGAP1	IQ motif containing GTPase activating protein 1	ENSECAG00000023879
1.04		Uncharacterized protein	ENSECAG00000005151

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.04	CTHRC1	collagen triple helix repeat containing 1	ENSECAG00000020399
1.04	FBXO11	F-box protein 11	ENSECAG00000009988
1.04	KRT3	keratin 3	ENSECAG00000011431
1.04	EDEM2	ER degradation enhancer, mannosidase alpha-like 2	ENSECAG00000011614
1.04	INTS3	integrator complex subunit 3	ENSECAG00000022270
1.04	PXDN	peroxidasin homolog (Drosophila)	ENSECAG00000019739
1.04	MAPK1	mitogen-activated protein kinase 1	ENSECAG00000010551
1.04		Alkaline phosphatase	ENSECAG00000015350
1.04	CSPG5	chondroitin sulfate proteoglycan 5 (neuroglycan C)	ENSECAG00000023483
1.04	STT3B	STT3B, subunit of the oligosaccharyltransferase complex (catalytic)	ENSECAG00000007007
1.04	RNMTL1	RNA methyltransferase like 1	ENSECAG00000024378
1.04	YBEY	ybeY metallopeptidase (putative)	ENSECAG00000019348
1.04	SLCO2A1	solute carrier organic anion transporter family, member 2A1	ENSECAG00000024948
1.04	SEN7	SUMO1/sentrin specific peptidase 7	ENSECAG00000011448
1.04	NUP88	nucleoporin 88kDa	ENSECAG00000012800
1.04	CHD6	chromodomain helicase DNA binding protein 6	ENSECAG00000011761
1.04	UBR7	ubiquitin protein ligase E3 component n-recognin 7 (putative)	ENSECAG00000003916
1.03	U6	U6 spliceosomal RNA	ENSECAG00000025367
1.03	ERGIC2	ERGIC and golgi 2	ENSECAG00000022330
1.03	WASH4P	WAS protein family homolog 4 pseudogene	ENSECAG00000019283
1.03	RPS6KA1	ribosomal protein S6 kinase, 90kDa, polypeptide 1	ENSECAG00000016238
1.03	GPN1	GPN-loop GTPase 1	ENSECAG00000009579
1.03	CDC16	cell division cycle 16	ENSECAG00000020620
1.03	AKAP12	A kinase (PRKA) anchor protein 12	ENSECAG00000022166
1.03		Uncharacterized protein	ENSECAG00000021707
1.03			ENSECAG00000017673
1.03	FAIM	Fas apoptotic inhibitory molecule	ENSECAG00000023744
1.03	SLC39A14	solute carrier family 39 (zinc transporter), member 14	ENSECAG00000008287
1.03			ENSECAG00000012093
1.03	WDR83	WD repeat domain 83	ENSECAG00000019788

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.03	CCNDBP1	cyclin D-type binding-protein 1	ENSECAG00000011382
1.03	ALKBH4	alkB, alkylation repair homolog 4 (E. coli)	ENSECAG00000012216
1.03	C11orf93	chromosome 11 open reading frame 93	ENSECAG00000010274
1.03	TCEA1	transcription elongation factor A (SII), 1	ENSECAG00000013436
1.03	LSG1	large subunit GTPase 1 homolog (S. cerevisiae)	ENSECAG00000017659
1.03	MRPL3	mitochondrial ribosomal protein L3	ENSECAG00000016736
1.03	ANKRD2	ankyrin repeat domain 2 (stretch responsive muscle)	ENSECAG00000008916
1.03	CGREF1	cell growth regulator with EF-hand domain 1	ENSECAG00000024632
1.03	DDX21	DEAD (Asp-Glu-Ala-Asp) box helicase 21	ENSECAG00000010810
1.03	IER3	immediate early response 3	ENSECAG00000017157
1.03	TERF2	telomeric repeat binding factor 2	ENSECAG00000024534
1.03	EXTL1	exostosin-like glycosyltransferase 1	ENSECAG00000013612
1.03	TNFAIP8	tumor necrosis factor, alpha-induced protein 8	ENSECAG00000023583
1.03	C6orf57	chromosome 6 open reading frame 57	ENSECAG00000021313
1.02	PTPN1	protein tyrosine phosphatase, non-receptor type 1	ENSECAG00000019772
1.02	MCAT	malonyl CoA:ACP acyltransferase (mitochondrial)	ENSECAG00000019004
1.02	UPF3B	UPF3 regulator of nonsense transcripts homolog B (yeast)	ENSECAG00000016947
1.02	CEBPE	CCAAT/enhancer binding protein (C/EBP), epsilon	ENSECAG00000012883
1.02	RPAP1	RNA polymerase II associated protein 1	ENSECAG00000017479
1.02	DGCR14	DiGeorge syndrome critical region gene 14	ENSECAG00000014664
1.02	ZC3H10	zinc finger CCCH-type containing 10	ENSECAG00000013003
1.02	eca-mir-197	eca-mir-197	ENSECAG00000026500
1.02	ANKRD22	ankyrin repeat domain 22	ENSECAG00000022239
1.02	U2SURP	U2 snRNP-associated SURP domain containing	ENSECAG00000022460
1.02		Uncharacterized protein	ENSECAG00000023388
1.02	WDR82	WD repeat domain 82	ENSECAG00000014047
1.02	DNTTIP1	deoxynucleotidyltransferase, terminal, interacting protein 1	ENSECAG00000023151
1.02		Uncharacterized protein	ENSECAG00000014546
1.02	ZNF791	zinc finger protein 791	ENSECAG00000014042
1.02	BCL9L	B-cell CLL/lymphoma 9-like	ENSECAG00000012006

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.02	STC1	stanniocalcin 1	ENSECAG00000013731
1.02	NHLRC3	NHL repeat containing 3	ENSECAG00000008873
1.02	EPM2AIP1	EPM2A (laforin) interacting protein 1	ENSECAG00000004874
1.02	ZNF383	zinc finger protein 383	ENSECAG00000013403
1.02	CMC2	COX assembly mitochondrial protein 2 homolog (S. cerevisiae)	ENSECAG00000000963
1.02	TTLL4	tubulin tyrosine ligase-like family, member 4	ENSECAG00000016142
1.02	ZNF276	zinc finger protein 276	ENSECAG00000019563
1.02		Uncharacterized protein	ENSECAG00000013642
1.02	PDDC1	Parkinson disease 7 domain containing 1	ENSECAG00000011702
1.02	EED	embryonic ectoderm development	ENSECAG00000016295
1.02	HLA-DMA	major histocompatibility complex, class II, DM alpha	ENSECAG00000003669
1.01	DDX18	DEAD (Asp-Glu-Ala-Asp) box polypeptide 18	ENSECAG00000015740
1.01	LIME1	Lck interacting transmembrane adaptor 1	ENSECAG00000019698
1.01	MICAL1	microtubule associated monooxygenase, calponin and LIM domain containing 1	ENSECAG00000019131
1.01	FUT4	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)	ENSECAG00000024199
1.01	DGKA	diacylglycerol kinase, alpha 80kDa	ENSECAG00000011968
1.01	VPS33B	vacuolar protein sorting 33 homolog B (yeast)	ENSECAG00000025016
1.01	YES1	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1	ENSECAG00000021666
1.01	LRRC45	leucine rich repeat containing 45	ENSECAG00000018249
1.01	TMC6	transmembrane channel-like 6	ENSECAG00000020115
1.01	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENSECAG00000010315
1.01	COL4A5	collagen, type IV, alpha 5	ENSECAG00000000668
1.01	TNPO3	transportin 3	ENSECAG00000012815
1.01	SLCO2B1	solute carrier organic anion transporter family member 2B1	ENSECAG00000024423
1.01	PFKM	6-phosphofructokinase, muscle type	ENSECAG00000015087
1.01	ALX3	ALX homeobox 3	ENSECAG00000024821
1.01	PPIF	peptidylprolyl isomerase F	ENSECAG00000008796
1.01	NADSYN1	NAD synthetase 1	ENSECAG00000023476
1.01	RASSF1	Ras association (RalGDS/AF-6) domain family member 1	ENSECAG00000012280
1.01	FXN	frataxin	ENSECAG00000019174

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.01	RANGAP1	ran GTPase-activating protein 1	ENSECAG00000024092
1.01			ENSECAG00000003947
1.01	ATRIP	ATR interacting protein	ENSECAG00000010784
1.01	PIGH	phosphatidylinositol glycan anchor biosynthesis, class H	ENSECAG00000014554
1.00	MAGIX	MAGI family member, X-linked	ENSECAG00000023295
1.00	GPSM2	G-protein signaling modulator 2	ENSECAG00000014936
1.00	CIRH1A	cirrhosis, autosomal recessive 1A (cirhin)	ENSECAG00000011830
1.00	KIF23	kinesin family member 23	ENSECAG00000014536
1.00	CAPZA1	capping protein (actin filament) muscle Z-line, alpha 1	ENSECAG00000016995
1.00	PLAA	phospholipase A2-activating protein	ENSECAG00000020120
1.00	NQO2	NAD(P)H dehydrogenase, quinone 2	ENSECAG00000008386
1.00	NUDT9	nudix (nucleoside diphosphate linked moiety X)-type motif 9	ENSECAG00000019556
1.00	SPON2	spondin 2, extracellular matrix protein	ENSECAG00000016940
1.00	ANAPC2	anaphase promoting complex subunit 2	ENSECAG00000019216
1.00	AADAT	aminoadipate aminotransferase	ENSECAG00000013400
1.00	THUMPD1	THUMP domain containing 1	ENSECAG00000005354
1.00	DAB2IP	DAB2 interacting protein	ENSECAG00000024868
1.00	SNX7	sorting nexin 7	ENSECAG00000008507
1.00	UBE2J2	ubiquitin-conjugating enzyme E2, J2	ENSECAG00000015293
1.00	LIPT2	lipoyl(octanoyl) transferase 2 (putative)	ENSECAG00000017517
1.00	NET1	neuroepithelial cell transforming 1	ENSECAG00000021234
1.00	GNG11	guanine nucleotide binding protein (G protein), gamma 11	ENSECAG00000024185
1.00	FAM206A	family with sequence similarity 206, member A	ENSECAG00000014764
1.00	C11orf52	chromosome 11 open reading frame 52	ENSECAG00000012767
1.00	FICD	FIC domain containing	ENSECAG00000019014
1.00	PRPS1L1	phosphoribosyl pyrophosphate synthetase 1-like 1	ENSECAG00000002478
1.00	TGFB1I1	transforming growth factor beta 1 induced transcript 1	ENSECAG00000001963
1.00		Uncharacterized protein	ENSECAG00000006349
1.00			ENSECAG00000005020
1.00	PWWP2A	PWWP domain containing 2A	ENSECAG00000006724

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
1.00	FAM3A	family with sequence similarity 3, member A	ENSECAG00000013840
1.00	AMN	amnion associated transmembrane protein	ENSECAG00000026806
1.00	PYGB	phosphorylase, glycogen, brain	ENSECAG00000022048
1.00		Uncharacterized protein	ENSECAG00000019318
1.00	CHRNA5	cholinergic receptor, nicotinic, alpha 5 (neuronal)	ENSECAG00000021329
1.00	CFDP1	craniofacial development protein 1	ENSECAG00000018926
0.99	ZNF330	zinc finger protein 330	ENSECAG00000014441
0.99	TMEM159	transmembrane protein 159	ENSECAG00000010683
0.99	STK11	serine/threonine kinase 11	ENSECAG00000014809
0.99	BIRC3	baculoviral IAP repeat containing 3	ENSECAG00000012229
0.99	ELOVL5	ELOVL fatty acid elongase 5	ENSECAG00000014755
0.99	BCL2L1	BCL2-like 1	ENSECAG00000017223
0.99	SLC35F6	solute carrier family 35, member F6	ENSECAG00000017703
0.99	ORAI1	ORAI calcium release-activated calcium modulator 1	ENSECAG00000012954
0.99	WDR54	WD repeat domain 54	ENSECAG00000018783
0.99	FKBP7	FK506 binding protein 7	ENSECAG00000008092
0.99	WDR81	WD repeat domain 81	ENSECAG00000021606
0.99	RHOT1	ras homolog family member T1	ENSECAG00000009478
0.99	NDUFAF4	NADH dehydrogenase (ubiquinone) complex I, assembly factor 4	ENSECAG00000023456
0.99	TUBGCP2	tubulin, gamma complex associated protein 2	ENSECAG00000018844
0.99	BCL10	B-cell CLL/lymphoma 10	ENSECAG00000025005
0.99	SCCPDH	saccharopine dehydrogenase (putative)	ENSECAG00000020866
0.99	UNG	uracil-DNA glycosylase	ENSECAG00000008080
0.99	SLC25A36	solute carrier family 25 (pyrimidine nucleotide carrier), member 36	ENSECAG00000010094
0.99	CUL4A	cullin 4A	ENSECAG00000018984
0.99	NMI	N-myc (and STAT) interactor	ENSECAG00000006801
0.99	ZNF592	zinc finger protein 592	ENSECAG00000016283
0.99	PSME4	proteasome (prosome, macropain) activator subunit 4	ENSECAG00000013197
0.99	TXNL4B	thioredoxin-like 4B	ENSECAG00000021445
0.99	ELAC1	elaC ribonuclease Z 1	ENSECAG00000016230

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.99	B4GALT7	xylosylprotein beta 1,4-galactosyltransferase, polypeptide 7	ENSECAG00000011175
0.98	TRIM13	tripartite motif containing 13	ENSECAG00000011381
0.98	RGL3	ral guanine nucleotide dissociation stimulator-like 3	ENSECAG00000005844
0.98	UCHL5	ubiquitin carboxyl-terminal hydrolase L5	ENSECAG00000012988
0.98	TAZ	tafazzin	ENSECAG00000010872
0.98	RNF128	ring finger protein 128, E3 ubiquitin protein ligase	ENSECAG00000016718
0.98	DHX30	DEAH (Asp-Glu-Ala-His) box helicase 30	ENSECAG00000015670
0.98	BRD9	bromodomain containing 9	ENSECAG00000013115
0.98	MYLPF	myosin light chain, phosphorylatable, fast skeletal muscle	ENSECAG00000017437
0.98		Uncharacterized protein	ENSECAG00000016754
0.98	MYH15	myosin, heavy chain 15	ENSECAG00000023294
0.98	DNAJA3	DnaJ (Hsp40) homolog, subfamily A, member 3	ENSECAG00000003503
0.98	SLC27A5	solute carrier family 27 (fatty acid transporter), member 5	ENSECAG00000016695
0.98	ENAH	enabled homolog (Drosophila)	ENSECAG00000022447
0.98	N6AMT2	N-6 adenine-specific DNA methyltransferase 2 (putative)	ENSECAG00000018313
0.98	SLC37A3	solute carrier family 37, member 3	ENSECAG00000010329
0.98	CCDC58	coiled-coil domain containing 58	ENSECAG00000023743
0.98	SSFA2	sperm specific antigen 2	ENSECAG00000012220
0.98		Uncharacterized protein	ENSECAG00000022725
0.98	HN1L	hematological and neurological expressed 1-like	ENSECAG00000026941
0.98	C3orf17	chromosome 3 open reading frame 17	ENSECAG00000009354
0.98		Uncharacterized protein	ENSECAG00000008220
0.98	LCP1	lymphocyte cytosolic protein 1 (L-plastin)	ENSECAG00000023009
0.98	EPRS	glutamyl-prolyl-tRNA synthetase	ENSECAG00000000700
0.98	SLC35F5	solute carrier family 35, member F5	ENSECAG00000009292
0.98	DLG3	discs, large homolog 3 (Drosophila)	ENSECAG00000017508
0.98	HOXB8	homeobox B8	ENSECAG00000026931
0.98	LAMC1	laminin, gamma 1 (formerly LAMB2)	ENSECAG00000023141
0.98	MYLK3	myosin light chain kinase 3	ENSECAG00000008775
0.98	SKA2	spindle and kinetochore associated complex subunit 2	ENSECAG00000015007

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.98	SRCAP	Snf2-related CREBBP activator protein	ENSECAG00000013174
0.98	CBX5	chromobox homolog 5	ENSECAG00000008101
0.98	ZNF354A	zinc finger protein 354A	ENSECAG00000012431
0.98	XRCC3	X-ray repair complementing defective repair in Chinese hamster cells 3	ENSECAG00000009189
0.97	ASPCR1	alveolar soft part sarcoma chromosome region, candidate 1	ENSECAG00000011608
0.97	NFE2L2	nuclear factor (erythroid-derived 2)-like 2	ENSECAG00000005675
0.97	MINA	MYC induced nuclear antigen	ENSECAG00000008488
0.97	eca-mir-205	eca-mir-205	ENSECAG00000026322
0.97	EDEM1	ER degradation enhancer, mannosidase alpha-like 1	ENSECAG00000023369
0.97	GTF3C2	general transcription factor IIIC, polypeptide 2, beta 110kDa	ENSECAG00000014356
0.97	CXCR4	chemokine (C-X-C motif) receptor 4	ENSECAG00000003837
0.97	OBSL1	obscurin-like 1	ENSECAG00000009352
0.97	TRIM26	tripartite motif containing 26	ENSECAG00000016932
0.97	C19orf12	chromosome 19 open reading frame 12	ENSECAG00000021258
0.97	AGTRAP	angiotensin II receptor-associated protein	ENSECAG00000021722
0.97	AKAP8	A kinase (PRKA) anchor protein 8	ENSECAG00000015084
0.97	CPSF2	cleavage and polyadenylation specific factor 2, 100kDa	ENSECAG00000023935
0.97		Uncharacterized protein	ENSECAG00000006953
0.97			ENSECAG00000006477
0.97	ID4	inhibitor of DNA binding 4, dominant negative helix-loop-helix protein	ENSECAG00000013428
0.97		Histone H2B	ENSECAG00000007389
0.97	SLC35E1	solute carrier family 35, member E1	ENSECAG00000007905
0.97	REXO1	REX1, RNA exonuclease 1 homolog (S. cerevisiae)	ENSECAG00000012976
0.97	SOCS3	suppressor of cytokine signaling 3	ENSECAG00000001249
0.97	ZNF672	zinc finger protein 672	ENSECAG00000013991
0.97	RHBDD3	rhomboid domain containing 3	ENSECAG00000022744
0.97	STK36	serine/threonine kinase 36	ENSECAG00000010391
0.97	ORC1	origin recognition complex, subunit 1	ENSECAG00000009370
0.97	CELF1	CUGBP, Elav-like family member 1	ENSECAG00000007741
0.97	ARSD	arylsulfatase D	ENSECAG00000009174

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.97	PMM2	phosphomannomutase 2	ENSECAG00000019902
0.97	UBE3A	ubiquitin protein ligase E3A	ENSECAG00000004792
0.97			ENSECAG000000003820
0.97	PRMT7	protein arginine methyltransferase 7	ENSECAG00000010766
0.97	UNC50	unc-50 homolog (C. elegans)	ENSECAG000000024924
0.97	MFN2	mitofusin 2	ENSECAG00000016296
0.96	ZNF396	zinc finger protein 396	ENSECAG000000020706
0.96	RAB10	RAB10, member RAS oncogene family	ENSECAG000000023178
0.96		Uncharacterized protein	ENSECAG000000023365
0.96		Uncharacterized protein	ENSECAG000000000968
0.96	SPRYD3	SPRY domain containing 3	ENSECAG00000016252
0.96	BBS12	Bardet-Biedl syndrome 12	ENSECAG000000003961
0.96	RGS16	regulator of G-protein signaling 16	ENSECAG00000019327
0.96	AGBL1	ATP/GTP binding protein-like 1	ENSECAG00000007303
0.96	PPP2R4	protein phosphatase 2A activator, regulatory subunit 4	ENSECAG00000007349
0.96	SUOX	sulfite oxidase	ENSECAG000000023522
0.96	PGM2	phosphoglucomutase 2	ENSECAG000000009090
0.96	CUL1	cullin 1	ENSECAG000000009606
0.96	SMARCA4	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4	ENSECAG000000008334
0.96	SLC26A2	sulfate transporter	ENSECAG000000023363
0.96	CYB5B	cytochrome b5 type B (outer mitochondrial membrane)	ENSECAG000000000265
0.96		Uncharacterized protein	ENSECAG000000011387
0.96	HPDL	4-hydroxyphenylpyruvate dioxygenase-like	ENSECAG000000001031
0.96	RGL4	ral guanine nucleotide dissociation stimulator-like 4	ENSECAG000000020478
0.96	TIRAP	toll-interleukin 1 receptor (TIR) domain containing adaptor protein	ENSECAG000000012390
0.96	IRGQ	immunity-related GTPase family, Q	ENSECAG000000013281
0.96			ENSECAG000000014904
0.96	C1orf109	chromosome 1 open reading frame 109	ENSECAG000000021402
0.96	RANBP2	RAN binding protein 2	ENSECAG000000008458

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.96	PRKAA1	5'-AMP-activated protein kinase catalytic subunit alpha-1	ENSECAG00000022617
0.96	VTCN1	V-set domain containing T cell activation inhibitor 1	ENSECAG00000008749
0.96	KIF2A	kinesin heavy chain member 2A	ENSECAG00000019810
0.96	SNORA42	Small nucleolar RNA SNORA42/SNORA80 family	ENSECAG00000025380
0.96	CRELD1	cysteine-rich with EGF-like domains 1	ENSECAG00000014826
0.95	CASP3	caspase-3	ENSECAG00000022197
0.95	ZBTB48	zinc finger and BTB domain containing 48	ENSECAG00000010788
0.95	EMC2	ER membrane protein complex subunit 2	ENSECAG00000010199
0.95	CTCF	CCCTC-binding factor (zinc finger protein)	ENSECAG00000015924
0.95	TOP3B	topoisomerase (DNA) III beta	ENSECAG00000020493
0.95	CCDC78	coiled-coil domain containing 78	ENSECAG00000010910
0.95	UFSP2	UFM1-specific peptidase 2	ENSECAG00000009486
0.95			ENSECAG00000015339
0.95	SUPT7L	suppressor of Ty 7 (S. cerevisiae)-like	ENSECAG00000006066
0.95	FHL1	four and a half LIM domains 1	ENSECAG00000025020
0.95	TMEM33	transmembrane protein 33	ENSECAG00000011773
0.95	ZNF446	zinc finger protein 446	ENSECAG00000016668
0.95	BSDC1	BSD domain containing 1	ENSECAG00000009115
0.95	PRR7	proline rich 7 (synaptic)	ENSECAG00000017561
0.95	RAB12	RAB12, member RAS oncogene family	ENSECAG00000007384
0.95	SULT1C4	sulfotransferase family, cytosolic, 1C, member 4	ENSECAG00000008834
0.95	SYMPK	symplekin	ENSECAG00000008163
0.95		Uncharacterized protein	ENSECAG00000011512
0.95		Uncharacterized protein	ENSECAG00000026923
0.95	RCHY1	ring finger and CHY zinc finger domain containing 1, E3 ubiquitin protein ligase	ENSECAG00000016109
0.95			ENSECAG00000019003
0.95	CCNE1	cyclin E1	ENSECAG00000021289
0.95			ENSECAG00000015976
0.95			ENSECAG00000019483
0.95	AHCYL1	adenosylhomocysteinase-like 1	ENSECAG00000012080

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.95	DNAJB12	DnaJ (Hsp40) homolog, subfamily B, member 12	ENSECAG00000010516
0.95	FAM8A1	family with sequence similarity 8, member A1	ENSECAG00000015458
0.95	EBAG9	estrogen receptor binding site associated, antigen, 9	ENSECAG00000009719
0.95	MTFR1L	mitochondrial fission regulator 1-like	ENSECAG00000008719
0.94	PPP1R1A	protein phosphatase 1, regulatory (inhibitor) subunit 1A	ENSECAG00000007612
0.94	MPHOSPH8	M-phase phosphoprotein 8	ENSECAG00000012777
0.94	VBP1	von Hippel-Lindau binding protein 1	ENSECAG00000001468
0.94	IP6K3	inositol hexakisphosphate kinase 3	ENSECAG00000009417
0.94	CSTF2	cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa	ENSECAG00000009325
0.94	NCOR1	nuclear receptor corepressor 1	ENSECAG00000006289
0.94	PDLIM2	PDZ and LIM domain 2 (mystique)	ENSECAG00000019910
0.94	NFE2	nuclear factor (erythroid-derived 2), 45kDa	ENSECAG00000024536
0.94	COBLL1	cordon-bleu WH2 repeat protein-like 1	ENSECAG00000025107
0.94	SP1	Sp1 transcription factor	ENSECAG00000020197
0.94	LSM12	LSM12 homolog (S. cerevisiae)	ENSECAG00000009071
0.94		Uncharacterized protein	ENSECAG00000014105
0.94	CLNS1A	chloride channel, nucleotide-sensitive, 1A	ENSECAG00000015043
0.94	SIRT1	sirtuin 1	ENSECAG00000013909
0.94	BRF2	BRF2, RNA polymerase III transcription initiation factor 50 kDa subunit	ENSECAG00000016872
0.94	TFE3	transcription factor binding to IGHM enhancer 3	ENSECAG00000020642
0.94		Uncharacterized protein	ENSECAG00000013768
0.94		Uncharacterized protein	ENSECAG00000012000
0.94	IPO5	importin 5	ENSECAG00000014808
0.94	RNF8	ring finger protein 8, E3 ubiquitin protein ligase	ENSECAG00000010826
0.94	NCOA5	nuclear receptor coactivator 5	ENSECAG00000015465
0.94	LBR	lamin B receptor	ENSECAG00000011192
0.94	EPO	erythropoietin precursor	ENSECAG00000010733
0.94	DYNLL2	dynein, light chain, LC8-type 2	ENSECAG00000015759
0.94	MKRN3	makorin ring finger protein 3	ENSECAG00000001383
0.94	MAPK3	mitogen-activated protein kinase 3	ENSECAG00000014460

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.93	SUPV3L1	suppressor of var1, 3-like 1 (<i>S. cerevisiae</i>)	ENSECAG00000016297
0.93	NAT9	N-acetyltransferase 9 (GCN5-related, putative)	ENSECAG00000013059
0.93	COL18A1	collagen, type XVIII, alpha 1	ENSECAG00000016361
0.93	TSEN34	tRNA splicing endonuclease 34 homolog (<i>S. cerevisiae</i>)	ENSECAG00000019651
0.93	AHDC1	AT hook, DNA binding motif, containing 1	ENSECAG00000010246
0.93	WLS	wntless homolog (<i>Drosophila</i>)	ENSECAG00000012045
0.93	PPP1R18	protein phosphatase 1, regulatory subunit 18	ENSECAG00000007626
0.93	TRIP4	thyroid hormone receptor interactor 4	ENSECAG00000024689
0.93	ARID3B	AT rich interactive domain 3B (BRIGHT-like)	ENSECAG00000013123
0.93	SNX9	sorting nexin 9	ENSECAG00000022623
0.93	ZNF707	zinc finger protein 707	ENSECAG00000012218
0.93	ECE1	endothelin converting enzyme 1	ENSECAG00000015812
0.93	GCN1L1	GCN1 general control of amino-acid synthesis 1-like 1 (yeast)	ENSECAG00000016996
0.93	TMF1	TATA element modulatory factor 1	ENSECAG00000023300
0.93	NFU1	NFU1 iron-sulfur cluster scaffold homolog (<i>S. cerevisiae</i>)	ENSECAG00000012682
0.93	DDIT3	DNA-damage-inducible transcript 3	ENSECAG00000020535
0.93	NCKAP1	NCK-associated protein 1	ENSECAG00000021389
0.93	SEC24D	SEC24 family, member D (<i>S. cerevisiae</i>)	ENSECAG00000018309
0.93	KIAA0020	KIAA0020	ENSECAG00000017193
0.93	NUP43	nucleoporin 43kDa	ENSECAG00000018413
0.93	CSAD	cysteine sulfinic acid decarboxylase	ENSECAG00000006878
0.93			ENSECAG00000024679
0.93	TCF7L1	transcription factor 7-like 1 (T-cell specific, HMG-box)	ENSECAG00000022931
0.93	TK1	thymidine kinase 1, soluble	ENSECAG00000016173
0.93	DPM1	dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit	ENSECAG00000011277
0.93	PTRF	polymerase I and transcript release factor	ENSECAG00000015071
0.93	SLC25A24	solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 24	ENSECAG00000008844
0.93	TMEM177	transmembrane protein 177	ENSECAG00000005417
0.93	GPR56	G protein-coupled receptor 56	ENSECAG00000021413
0.93	ADD1	adducin 1 (alpha)	ENSECAG00000013136

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.93	NRBP2	nuclear receptor binding protein 2	ENSECAG00000009940
0.93	CYB561D1	cytochrome b561 family, member D1	ENSECAG00000011195
0.93			ENSECAG00000026964
0.93	LRR1	leucine rich repeat protein 1	ENSECAG00000011978
0.92	DDX55	DEAD (Asp-Glu-Ala-Asp) box polypeptide 55	ENSECAG00000011237
0.92	GTF2I	general transcription factor IIIi	ENSECAG00000020289
0.92	SRRD	SRR1 domain containing	ENSECAG00000016288
0.92		Uncharacterized protein	ENSECAG00000001891
0.92	MEST	mesoderm specific transcript	ENSECAG00000021689
0.92	HABP2	hyaluronan binding protein 2	ENSECAG00000022910
0.92	TTC31	tetratricopeptide repeat domain 31	ENSECAG00000016472
0.92	TAPBP	TAP binding protein (tapasin)	ENSECAG00000015448
0.92	BLMH	bleomycin hydrolase	ENSECAG00000019323
0.92		Uncharacterized protein	ENSECAG00000017861
0.92	PAPSS1	3'-phosphoadenosine 5'-phosphosulfate synthase 1	ENSECAG00000021678
0.92	QRICH1	glutamine-rich 1	ENSECAG00000020062
0.92	CAPS	calcyphosine	ENSECAG00000024097
0.92	PSMC3IP	PSMC3 interacting protein	ENSECAG00000022323
0.92	HIST1H2AG	histone cluster 1, H2ag	ENSECAG00000005679
0.92	LRRC47	leucine rich repeat containing 47	ENSECAG00000022472
0.92			ENSECAG00000016019
0.92	TROAP	trophinin associated protein	ENSECAG00000017926
0.92	PPAP2A	phosphatidic acid phosphatase type 2A	ENSECAG00000023296
0.92	SIPA1L1	signal-induced proliferation-associated 1 like 1	ENSECAG00000024286
0.92	TWISTNB	TWIST neighbor	ENSECAG00000014563
0.92	ECHDC3	enoyl CoA hydratase domain containing 3	ENSECAG00000014687
0.92	HGD	homogentisate 1,2-dioxygenase	ENSECAG00000023083
0.92		Uncharacterized protein	ENSECAG00000012754
0.92	POLR3C	polymerase (RNA) III (DNA directed) polypeptide C (62kD)	ENSECAG00000023713
0.92	NANOS1	nanos homolog 1 (Drosophila)	ENSECAG00000003656

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.92	PPP1R3B	protein phosphatase 1, regulatory subunit 3B	ENSECAG00000011086
0.92	MZF1	myeloid zinc finger 1	ENSECAG00000016471
0.92	GZF1	GDNF-inducible zinc finger protein 1	ENSECAG00000011343
0.92	AMFR	autocrine motility factor receptor, E3 ubiquitin protein ligase	ENSECAG00000015773
0.92	PTPN23	protein tyrosine phosphatase, non-receptor type 23	ENSECAG00000016755
0.92	DDX27	DEAD (Asp-Glu-Ala-Asp) box polypeptide 27	ENSECAG00000020963
0.92	SIPA1	signal-induced proliferation-associated 1	ENSECAG00000012854
0.91	PLEKHB2	pleckstrin homology domain containing, family B (evectins) member 2	ENSECAG00000017331
0.91	PXDC1	PX domain containing 1	ENSECAG00000014479
0.91	TCEA2	transcription elongation factor A (SII), 2	ENSECAG00000020977
0.91	TOP3A	topoisomerase (DNA) III alpha	ENSECAG00000016343
0.91	TBC1D9B	TBC1 domain family, member 9B (with GRAM domain)	ENSECAG00000017830
0.91	HIST1H2AH	histone cluster 1, H2ah	ENSECAG00000003153
0.91	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1	ENSECAG00000018761
0.91	TPMT	thiopurine S-methyltransferase	ENSECAG00000013653
0.91	RTKN	rhotekin	ENSECAG00000010876
0.91	TOMM40L	translocase of outer mitochondrial membrane 40 homolog (yeast)-like	ENSECAG00000010180
0.91	DDX50	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	ENSECAG00000023044
0.91	ECD	ecdysoneless homolog (Drosophila)	ENSECAG00000022704
0.91	SRR	serine racemase	ENSECAG00000008058
0.91	ZNF133	zinc finger protein 133	ENSECAG00000015243
0.91	WDR11	WD repeat domain 11	ENSECAG00000019673
0.91	SART1	squamous cell carcinoma antigen recognized by T cells	ENSECAG00000023563
0.91	THAP2	THAP domain containing, apoptosis associated protein 2	ENSECAG00000011295
0.91	DNAL4	dynein, axonemal, light chain 4	ENSECAG00000018174
0.91			ENSECAG00000010803
0.91	CCDC77	coiled-coil domain containing 77	ENSECAG00000018636
0.91	COPS4	COP9 signalosome subunit 4	ENSECAG00000015209
0.91	ALKBH2	alkB, alkylation repair homolog 2 (E. coli)	ENSECAG00000015963
0.91	FAM204A	family with sequence similarity 204, member A	ENSECAG00000019024

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.91	CDKN2C	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)	ENSECAG00000004817
0.91	ELF1	E74-like factor 1 (ets domain transcription factor)	ENSECAG00000024604
0.91	PIM1	pim-1 oncogene	ENSECAG00000020563
0.91	CRTC2	CREB regulated transcription coactivator 2	ENSECAG00000023238
0.91	CCDC125	coiled-coil domain containing 125	ENSECAG00000011059
0.91	SNORD10	Small nucleolar RNA SNORD10	ENSECAG00000027628
0.91	ASB14	ankyrin repeat and SOCS box containing 14	ENSECAG00000012739
0.90	MGME1	mitochondrial genome maintenance exonuclease 1	ENSECAG00000012675
0.90		Uncharacterized protein	ENSECAG00000016302
0.90	ERICH1	glutamate-rich 1	ENSECAG00000022877
0.90	LASP1	LIM and SH3 protein 1	ENSECAG00000017325
0.90	FZD1	frizzled family receptor 1	ENSECAG00000001326
0.90	WNT5B	wingless-type MMTV integration site family, member 5B	ENSECAG00000016516
0.90			ENSECAG00000022184
0.90	GORASP1	golgi reassembly stacking protein 1, 65kDa	ENSECAG00000016287
0.90	ATL3	atlastin GTPase 3	ENSECAG00000019843
0.90	ARHGAP27	Rho GTPase activating protein 27	ENSECAG00000005990
0.90	COQ5	coenzyme Q5 homolog, methyltransferase (S. cerevisiae)	ENSECAG00000006182
0.90	GSR	glutathione reductase	ENSECAG00000014178
0.90	SNORD19	Small nucleolar RNA SNORD19	ENSECAG00000026673
0.90	SAAL1	serum amyloid A-like 1	ENSECAG00000009781
0.90	PXMP2	peroxisomal membrane protein 2, 22kDa	ENSECAG00000024104
0.90	NIT2	nitrilase family, member 2	ENSECAG00000020908
0.90	KRT77	keratin 77	ENSECAG00000008673
0.90		Eukaryotic translation initiation factor 5A, Uncharacterized protein	ENSECAG00000003366
0.90	COA6	cytochrome c oxidase assembly factor 6 homolog (S. cerevisiae)	ENSECAG00000007238
0.90	MAP2K2	mitogen-activated protein kinase kinase 2	ENSECAG00000009157
0.90	GEM	GTP binding protein overexpressed in skeletal muscle	ENSECAG00000018531
0.90	RRP8	ribosomal RNA processing 8, methyltransferase, homolog (yeast)	ENSECAG00000006612
0.90		Uncharacterized protein	ENSECAG00000014899

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.90	AP5Z1	adaptor-related protein complex 5, zeta 1 subunit	ENSECAG00000012500
0.90	WRAP53	WD repeat containing, antisense to TP53	ENSECAG00000008294
0.90	DARS	aspartyl-tRNA synthetase	ENSECAG000000024197
0.90	NTF3	neurotrophin 3	ENSECAG000000024611
0.90	ETV3	ets variant 3	ENSECAG000000019747
0.90	APOH	apolipoprotein H (beta-2-glycoprotein I)	ENSECAG000000022165
0.90		Uncharacterized protein	ENSECAG000000005597
0.90	TBC1D7	TBC1 domain family, member 7	ENSECAG000000017004
0.90		Uncharacterized protein	ENSECAG000000021667
0.90	HAT1	histone acetyltransferase 1	ENSECAG000000011218
0.90	DPP3	dipeptidyl-peptidase 3	ENSECAG000000015518
0.90	ZNF786	zinc finger protein 786	ENSECAG000000026932
0.89	PIGQ	phosphatidylinositol glycan anchor biosynthesis, class Q	ENSECAG000000009750
0.89	DYNLT3	dynein, light chain, Tctex-type 3	ENSECAG000000010650
0.89	RRAS2	related RAS viral (r-ras) oncogene homolog 2	ENSECAG000000021393
0.89	RFXAP	regulatory factor X-associated protein	ENSECAG000000011258
0.89	REM1	RAS (RAD and GEM)-like GTP-binding 1	ENSECAG000000017175
0.89	PLEKHA5	pleckstrin homology domain containing, family A member 5	ENSECAG000000022236
0.89	ZNF12	zinc finger protein 12	ENSECAG000000016420
0.89	TMEM19	transmembrane protein 19	ENSECAG000000011279
0.89	PPWD1	peptidylprolyl isomerase domain and WD repeat containing 1	ENSECAG000000011786
0.89	RRP1	ribosomal RNA processing 1	ENSECAG000000015703
0.89	DMPK	dystrophia myotonica-protein kinase	ENSECAG000000016750
0.89	KLK15	kallikrein-related peptidase 15	ENSECAG000000009452
0.89	PPP1R8	protein phosphatase 1, regulatory subunit 8	ENSECAG000000009693
0.89			ENSECAG000000020695
0.89	WDR3	WD repeat domain 3	ENSECAG000000006575
0.89	NOP14	NOP14 nucleolar protein	ENSECAG000000023951
0.89	ZSCAN29	zinc finger and SCAN domain containing 29	ENSECAG000000012289
0.89	KIAA1143	KIAA1143	ENSECAG000000024783

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.89	MTERFD1	MTERF domain containing 1	ENSECAG00000012943
0.89	ME2	malic enzyme 2, NAD(+)-dependent, mitochondrial	ENSECAG00000005517
0.89	SPHK1	sphingosine kinase 1	ENSECAG00000023642
0.89	SH3BP2	SH3-domain binding protein 2	ENSECAG00000021841
0.89	DHX16	DEAH (Asp-Glu-Ala-His) box polypeptide 16	ENSECAG00000008537
0.89	UBAP1	ubiquitin associated protein 1	ENSECAG00000004463
0.89	JOSD1	Josephin domain containing 1	ENSECAG00000015546
0.89	TMEM5	transmembrane protein 5	ENSECAG00000011333
0.89	GBAS	glioblastoma amplified sequence	ENSECAG00000024721
0.89	EPB41L4B	erythrocyte membrane protein band 4.1 like 4B	ENSECAG00000018914
0.89	FOXF1	forkhead box F1	ENSECAG00000020094
0.89	USP39	ubiquitin specific peptidase 39	ENSECAG00000002856
0.88	LRIF1	ligand dependent nuclear receptor interacting factor 1	ENSECAG00000013112
0.88		Uncharacterized protein	ENSECAG00000015215
0.88	FUK	fucokinase	ENSECAG00000012351
0.88	CARKD	carbohydrate kinase domain containing	ENSECAG00000009976
0.88	ALPK3	alpha-kinase 3	ENSECAG00000015231
0.88	ACBD4	acyl-CoA binding domain containing 4	ENSECAG00000018434
0.88	PFAS	phosphoribosylformylglycinamide synthase	ENSECAG00000014762
0.88	PLOD2	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2	ENSECAG00000009297
0.88	HSD11B1L	hydroxysteroid (11-beta) dehydrogenase 1-like	ENSECAG00000014443
0.88	ZNF467	zinc finger protein 467	ENSECAG00000016133
0.88	CTSC	cathepsin C	ENSECAG00000020881
0.88		Uncharacterized protein	ENSECAG00000006805
0.88	DNAJB5	DnaJ (Hsp40) homolog, subfamily B, member 5	ENSECAG00000010197
0.88	MIA3	melanoma inhibitory activity family, member 3	ENSECAG00000012339
0.88	CYP1B1	cytochrome P450, family 1, subfamily B, polypeptide 1	ENSECAG00000019442
0.88	CTDSPL	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like	ENSECAG00000023827
0.88	SECISBP2	SECIS binding protein 2	ENSECAG00000015868

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.88	EXOSC2	exosome component 2	ENSECAG00000007897
0.88	FAM208A	family with sequence similarity 208, member A	ENSECAG00000009651
0.88	ZFAND2A	zinc finger, AN1-type domain 2A	ENSECAG000000021598
0.88	ZRANB2	zinc finger, RAN-binding domain containing 2	ENSECAG000000014173
0.88	PARL	presenilin associated, rhomboid-like	ENSECAG000000022422
0.88	KRR1	KRR1, small subunit (SSU) processome component, homolog (yeast)	ENSECAG000000017498
0.88	ME1	malic enzyme 1, NADP(+)-dependent, cytosolic	ENSECAG000000024482
0.88	MTIF2	mitochondrial translational initiation factor 2	ENSECAG000000009169
0.88	RTFDC1	replication termination factor 2 domain containing 1	ENSECAG000000009943
0.88	CAV2	caveolin-2	ENSECAG000000002266
0.88	POLL	polymerase (DNA directed), lambda	ENSECAG000000015282
0.88	PFKP	phosphofructokinase, platelet	ENSECAG000000020055
0.88			ENSECAG000000024317
0.88	CAMK2D	calcium/calmodulin-dependent protein kinase II delta	ENSECAG000000024339
0.88	NARFL	nuclear prelamin A recognition factor-like	ENSECAG000000001414
0.88	IGBP1	immunoglobulin (CD79A) binding protein 1	ENSECAG000000023513
0.88		Uncharacterized protein	ENSECAG000000011080
0.88	SCT	secretin	ENSECAG000000010124
0.88	ABHD5	abhydrolase domain containing 5	ENSECAG000000022063
0.88	TMEM25	transmembrane protein 25	ENSECAG000000008973
0.88	ABCD1	ATP-binding cassette, sub-family D (ALD), member 1	ENSECAG000000022935
0.88	HIST2H2BF	histone cluster 2, H2bf	ENSECAG000000002082
0.88	NXT2	nuclear transport factor 2-like export factor 2	ENSECAG000000015022
0.88	ZFP37	ZFP37 zinc finger protein	ENSECAG000000005376
0.87	KIAA0368	KIAA0368	ENSECAG000000020519
0.87	ADCY6	adenylate cyclase 6	ENSECAG000000022288
0.87	CENPH	centromere protein H	ENSECAG000000026912
0.87	YARS2	tyrosyl-tRNA synthetase 2, mitochondrial	ENSECAG000000011140
0.87	OPLAH	5-oxoprolinase (ATP-hydrolysing)	ENSECAG000000012059
0.87	L3MBTL2	l(3)mbt-like 2 (Drosophila)	ENSECAG000000010476

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.87	DSEL	dermatan sulfate epimerase-like	ENSECAG00000024756
0.87	FANCE	Fanconi anemia, complementation group E	ENSECAG00000013190
0.87	SNORD35	Small nucleolar RNA SNORD35	ENSECAG00000025343
0.87	MED10	mediator complex subunit 10	ENSECAG00000023738
0.87	CCBL2	cysteine conjugate-beta lyase 2	ENSECAG00000023747
0.87	KIAA0947	KIAA0947	ENSECAG00000023968
0.87	PROCR	protein C receptor, endothelial	ENSECAG00000024428
0.87	SNORA9	Small nucleolar RNA SNORA9	ENSECAG00000025519
0.87	GADD45B	growth arrest and DNA-damage-inducible, beta	ENSECAG00000009168
0.87	GDPD5	glycerophosphodiester phosphodiesterase domain containing 5	ENSECAG00000010098
0.87	CETN1	centrin, EF-hand protein, 1	ENSECAG00000005094
0.87	TP53BP2	tumor protein p53 binding protein, 2	ENSECAG00000005927
0.87	MAP4K2	mitogen-activated protein kinase kinase kinase 2	ENSECAG00000007374
0.87	SMG5	SMG5 nonsense mediated mRNA decay factor	ENSECAG00000001389
0.87	ZNF48	zinc finger protein 48	ENSECAG00000005600
0.87	RAB35	RAB35, member RAS oncogene family	ENSECAG00000002380
0.87	MBLAC1	metallo-beta-lactamase domain containing 1	ENSECAG00000006208
0.87	NUSAP1	nucleolar and spindle associated protein 1	ENSECAG00000016495
0.87	SNORD42	Small nucleolar RNA SNORD42	ENSECAG00000026505
0.87	MAP1A	microtubule-associated protein 1A	ENSECAG00000022695
0.87	GPR182	G protein-coupled receptor 182	ENSECAG00000006053
0.87	MFAP5	microfibrillar associated protein 5	ENSECAG00000024228
0.87	ATPAF2	ATP synthase mitochondrial F1 complex assembly factor 2	ENSECAG00000019200
0.87			ENSECAG00000018615
0.87	GIGYF1	GRB10 interacting GYF protein 1	ENSECAG00000017541
0.86	PAK4	p21 protein (Cdc42/Rac)-activated kinase 4	ENSECAG00000017421
0.86	IL17RE	interleukin 17 receptor E	ENSECAG00000014681
0.86	ANO9	anoctamin 9	ENSECAG00000022144
0.86	TMEM63A	transmembrane protein 63A	ENSECAG00000018566
0.86	PHF11	PHD finger protein 11	ENSECAG00000014972

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.86	PKP1	plakophilin 1 (ectodermal dysplasia/skin fragility syndrome)	ENSECAG00000015220
0.86			ENSECAG00000005975
0.86	PTOV1	prostate tumor overexpressed 1	ENSECAG00000014505
0.86	ATP6V1E2	ATPase, H ⁺ transporting, lysosomal 31kDa, V1 subunit E2	ENSECAG00000013717
0.86	PSORS1C2	psoriasis susceptibility 1 candidate 2	ENSECAG00000021420
0.86	BACE2	beta-site APP-cleaving enzyme 2	ENSECAG00000005305
0.86	N4BP2L1	NEDD4 binding protein 2-like 1	ENSECAG00000012680
0.86	ABL1	c-abl oncogene 1, non-receptor tyrosine kinase	ENSECAG00000014981
0.86	EMC1	ER membrane protein complex subunit 1	ENSECAG00000015148
0.86	SP3	Sp3 transcription factor	ENSECAG00000013930
0.86	ERO1L	ERO1-like (S. cerevisiae)	ENSECAG00000013757
0.86	EPC1	enhancer of polycomb homolog 1 (Drosophila)	ENSECAG00000024648
0.86	BOLA3	bolA homolog 3 (E. coli)	ENSECAG00000009537
0.86	USP33	ubiquitin specific peptidase 33	ENSECAG00000017560
0.86	LANCL1	LanC lantibiotic synthetase component C-like 1 (bacterial)	ENSECAG00000009197
0.86	ZNF510	zinc finger protein 510	ENSECAG00000020450
0.86	LARP1	La ribonucleoprotein domain family, member 1	ENSECAG00000017002
0.86	SLC25A17	solute carrier family 25 (mitochondrial carrier, peroxisomal membrane protein, 34kDa), member 17	ENSECAG00000008907
0.86		Uncharacterized protein	ENSECAG00000001145
0.86	CEP170B	centrosomal protein 170B	ENSECAG00000019152
0.86	SPIN1	spindlin 1	ENSECAG00000024933
0.86	PEX5	peroxisomal biogenesis factor 5	ENSECAG00000017111
0.86	ECA.1036	macrosialin	ENSECAG00000002186
0.86		Uncharacterized protein	ENSECAG00000014585
0.86	NUBP1	nucleotide binding protein 1	ENSECAG00000015307
0.86		Histone H2A	ENSECAG00000002789
0.86	SPATS2L	spermatogenesis associated, serine-rich 2-like	ENSECAG00000018564
0.86	CCDC28A	coiled-coil domain containing 28A	ENSECAG00000014319
0.85	FBR5	fibrosin	ENSECAG00000022545

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.85	TBC1D25	TBC1 domain family, member 25	ENSECAG00000023474
0.85	PARS2	prolyl-tRNA synthetase 2, mitochondrial (putative)	ENSECAG00000005253
0.85	IFI44	interferon-induced protein 44	ENSECAG00000009020
0.85	TYW3	tRNA-yW synthesizing protein 3 homolog (S. cerevisiae)	ENSECAG00000007888
0.85	VPS37C	vacuolar protein sorting 37 homolog C (S. cerevisiae)	ENSECAG00000012866
0.85	CCDC173	coiled-coil domain containing 173	ENSECAG00000016815
0.85	SNX19	sorting nexin 19	ENSECAG00000024292
0.85	CCDC117	coiled-coil domain containing 117	ENSECAG00000020497
0.85		Uncharacterized protein	ENSECAG00000020543
0.85	LAMA1	laminin, alpha 1	ENSECAG00000018061
0.85	FMO4	flavin containing monooxygenase 4	ENSECAG00000013478
0.85	NUDT5	nudix (nucleoside diphosphate linked moiety X)-type motif 5	ENSECAG00000023658
0.85	SIRT5	sirtuin 5	ENSECAG00000026898
0.85	MED1	mediator complex subunit 1	ENSECAG00000009326
0.85	SEMA3F	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F	ENSECAG00000007709
0.85	GOLM1	golgi membrane protein 1	ENSECAG00000014069
0.85	WDR53	WD repeat domain 53	ENSECAG00000006925
0.85	GATA4	GATA binding protein 4	ENSECAG00000020359
0.85	TLN2	talin 2	ENSECAG00000020488
0.85	KIAA1429	KIAA1429	ENSECAG00000012879
0.85	eca-mir-421	eca-mir-421	ENSECAG00000025982
0.85		Mitochondrial GTPase 1	ENSECAG00000014887
0.85	IPO13	importin 13	ENSECAG00000015508
0.85	MYO6	myosin VI	ENSECAG00000024053
0.85	GOLT1B	golgi transport 1B	ENSECAG00000014013
0.85	ADSS	adenylosuccinate synthase	ENSECAG00000010744
0.85	TNC	tenascin C	ENSECAG00000017433
0.85	FAM115A	family with sequence similarity 115, member A	ENSECAG00000017428
0.85	KCTD15	potassium channel tetramerization domain containing 15	ENSECAG00000010397

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.85	PPP3CB	protein phosphatase 3, catalytic subunit, beta isozyme	ENSECAG00000008577
0.84	RPS6KA4	ribosomal protein S6 kinase, 90kDa, polypeptide 4	ENSECAG00000018402
0.84	LRRC42	leucine rich repeat containing 42	ENSECAG00000002987
0.84	MMAA	methylmalonic aciduria (cobalamin deficiency) cblA type	ENSECAG000000021810
0.84	HPN	hepsin	ENSECAG000000009817
0.84	LZTR1	leucine-zipper-like transcription regulator 1	ENSECAG000000004262
0.84	MCOLN3	mucolipin 3	ENSECAG000000007249
0.84	POLE3	polymerase (DNA directed), epsilon 3, accessory subunit	ENSECAG000000003528
0.84	RRP9	ribosomal RNA processing 9, small subunit (SSU) processome component, homolog (yeast)	ENSECAG000000024543
0.84	DYRK2	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2	ENSECAG000000015977
0.84	BCAR3	breast cancer anti-estrogen resistance 3	ENSECAG000000022721
0.84	CHRNA3	cholinergic receptor, nicotinic, alpha 3 (neuronal)	ENSECAG000000010412
0.84		Uncharacterized protein	ENSECAG000000018881
0.84	MITD1	MIT, microtubule interacting and transport, domain containing 1	ENSECAG000000016191
0.84		Uncharacterized protein	ENSECAG000000024898
0.84	COX15	cytochrome c oxidase assembly homolog 15 (yeast)	ENSECAG000000014039
0.84	AMPP	adrenomedullin	ENSECAG000000024531
0.84	SLC25A38	solute carrier family 25, member 38	ENSECAG000000020785
0.84			ENSECAG000000001424
0.84	ARL14EP	ADP-ribosylation factor-like 14 effector protein	ENSECAG000000019214
0.84	SLC45A3	solute carrier family 45, member 3	ENSECAG000000009273
0.83	WDR75	WD repeat domain 75	ENSECAG000000010710
0.83	URI1	URI1, prefoldin-like chaperone	ENSECAG000000007717
0.83	MAP4	microtubule-associated protein 4	ENSECAG000000003775
0.83			ENSECAG000000018447
0.83	LIF	leukemia inhibitory factor	ENSECAG000000015141
0.83		Uncharacterized protein	ENSECAG000000011673
0.83	SORD	sorbitol dehydrogenase	ENSECAG000000005266
0.83	KCNQ1	potassium voltage-gated channel, KQT-like subfamily, member 1	ENSECAG000000024970

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.83	RASSF8	Ras association (RalGDS/AF-6) domain family (N-terminal) member 8	ENSECAG00000022648
0.83	TJP1	tight junction protein 1	ENSECAG00000020528
0.83	ZNF512B	zinc finger protein 512B	ENSECAG00000008525
0.83	C11orf73	chromosome 11 open reading frame 73	ENSECAG00000015605
0.83			ENSECAG00000007785
0.83	LONP2	lon peptidase 2, peroxisomal	ENSECAG00000022436
0.83	PMP22	Peripheral myelin protein 22	ENSECAG00000025178
0.83	ZNF750	zinc finger protein 750	ENSECAG00000008224
0.83	PSIP1	PC4 and SFRS1-interacting protein	ENSECAG00000012666
0.83	C2orf49	chromosome 2 open reading frame 49	ENSECAG00000007267
0.83	LMBR1L	limb region 1 homolog (mouse)-like	ENSECAG00000011362
0.83	C1orf216	chromosome 1 open reading frame 216	ENSECAG00000005102
0.83	TMEM87B	transmembrane protein 87B	ENSECAG00000015116
0.83	CXADR	coxsackie virus and adenovirus receptor	ENSECAG00000023163
0.83		Uncharacterized protein	ENSECAG00000006134
0.83	MYL5	myosin, light chain 5, regulatory	ENSECAG00000014523
0.83	GGA3	golgi-associated, gamma adaptin ear containing, ARF binding protein 3	ENSECAG00000004024
0.83	VPS4B	vacuolar protein sorting 4 homolog B (S. cerevisiae)	ENSECAG00000022158
0.83	SUGP2	SURP and G patch domain containing 2	ENSECAG00000000129
0.83	SEC22C	SEC22 vesicle trafficking protein homolog C (S. cerevisiae)	ENSECAG00000000605
0.83	PROSC	proline synthetase co-transcribed homolog (bacterial)	ENSECAG00000009000
0.83	C3orf58	chromosome 3 open reading frame 58	ENSECAG00000009060
0.83		Uncharacterized protein	ENSECAG00000017190
0.83	BMS1	BMS1 ribosome biogenesis factor	ENSECAG00000001358
0.82	DUSP3	dual specificity phosphatase 3	ENSECAG00000011911
0.82	DOLPP1	dolichyldiphosphatase 1	ENSECAG00000000463
0.82	PHRF1	PHD and ring finger domains 1	ENSECAG00000009477
0.82	PLK4	polo-like kinase 4	ENSECAG00000008187
0.82		Uncharacterized protein	ENSECAG00000014841
0.82	APOPT1	apoptogenic 1, mitochondrial	ENSECAG00000013355

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.82	CHFR	checkpoint with forkhead and ring finger domains, E3 ubiquitin protein ligase	ENSECAG00000017288
0.82	JDP2	Jun dimerization protein 2	ENSECAG00000014862
0.82	DPH3	diphthamide biosynthesis 3	ENSECAG00000016591
0.82	DRB	MHC class II DR-beta chain	ENSECAG00000022072
0.82	RACGAP1	Rac GTPase activating protein 1	ENSECAG00000010821
0.82	PTPN18	protein tyrosine phosphatase, non-receptor type 18 (brain-derived)	ENSECAG00000011090
0.82	EPS8L2	EPS8-like 2	ENSECAG00000011484
0.82	PSAT1	phosphoserine aminotransferase 1	ENSECAG00000017903
0.82	RBM48	RNA binding motif protein 48	ENSECAG00000011070
0.82	FOSL2	FOS-like antigen 2	ENSECAG00000017657
0.82	ABHD8	abhydrolase domain containing 8	ENSECAG00000009051
0.82	TOPBP1	topoisomerase (DNA) II binding protein 1	ENSECAG00000015739
0.82	USP47	ubiquitin specific peptidase 47	ENSECAG00000020838
0.82	SLC35F2	solute carrier family 35, member F2	ENSECAG00000019266
0.82	RABEPK	Rab9 effector protein with kelch motifs	ENSECAG00000021517
0.82	SNORD41	Small nucleolar RNA SNORD41	ENSECAG00000026664
0.82	SMO	smoothened, frizzled family receptor	ENSECAG00000004904
0.82	41892	septin 10	ENSECAG00000014530
0.82	THAP5	THAP domain containing 5	ENSECAG00000012033
0.82	PBXIP1	pre-B-cell leukemia homeobox interacting protein 1	ENSECAG00000026849
0.82	NPR2	natriuretic peptide receptor B/guanylate cyclase B (atrionatriuretic peptide receptor B)	ENSECAG00000011281
0.82	PRICKLE3	prickle homolog 3 (Drosophila)	ENSECAG00000009597
0.82	TMEM249	transmembrane protein 249	ENSECAG00000009359
0.82		Uncharacterized protein	ENSECAG00000011821
0.82	STXBP3	syntaxin binding protein 3	ENSECAG00000021475
0.82	POLH	polymerase (DNA directed), eta	ENSECAG00000024522
0.82	IGF2R	insulin-like growth factor 2 receptor	ENSECAG00000019509
0.82		Uncharacterized protein	ENSECAG00000016440
0.81	PCYOX1L	prenylcysteine oxidase 1 like	ENSECAG00000007083

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.81	SNORD83	Small nucleolar RNA SNORD83	ENSECAG00000026321
0.81			ENSECAG00000027634
0.81	ZMYND10	zinc finger, MYND-type containing 10	ENSECAG00000011996
0.81	SSBP3	single stranded DNA binding protein 3	ENSECAG00000000193
0.81		Uncharacterized protein	ENSECAG00000011095
0.81	DNAJC13	DnaJ (Hsp40) homolog, subfamily C, member 13	ENSECAG00000021422
0.81		Uncharacterized protein	ENSECAG00000003697
0.81	WDTC1	WD and tetratricopeptide repeats 1	ENSECAG00000024411
0.81	GINM1	glycoprotein integral membrane 1	ENSECAG00000017120
0.81	ZAR1L	zygote arrest 1-like	ENSECAG00000014147
0.81	ZNF8	zinc finger protein 8	ENSECAG00000013553
0.81			ENSECAG00000015724
0.81	DHX38	DEAH (Asp-Glu-Ala-His) box polypeptide 38	ENSECAG00000000526
0.81	SPTY2D1	SPT2, Suppressor of Ty, domain containing 1 (S. cerevisiae)	ENSECAG00000011055
0.81	CPNE2	copine II	ENSECAG00000018864
0.81	PRR5	proline rich 5 (renal)	ENSECAG00000007704
0.81		Histone H4	ENSECAG00000005196
0.81		Uncharacterized protein	ENSECAG00000022488
0.81	MON1A	MON1 homolog A (yeast)	ENSECAG00000023910
0.81	ARL8B	ADP-ribosylation factor-like 8B	ENSECAG00000013084
0.81	SPTBN1	spectrin, beta, non-erythrocytic 1	ENSECAG00000014446
0.81	LRRC58	leucine rich repeat containing 58	ENSECAG00000000010
0.81	ZNF202	zinc finger protein 202	ENSECAG00000024393
0.81	KRBA2	KRAB-A domain containing 2	ENSECAG00000015738
0.81	GTF2H1	general transcription factor IIH, polypeptide 1, 62kDa	ENSECAG00000019056
0.81	GLDN	gliomedin	ENSECAG00000019919
0.81	DCAF7	DDB1 and CUL4 associated factor 7	ENSECAG00000016097
0.81	FKBP14	FK506 binding protein 14, 22 kDa	ENSECAG00000024710
0.81	AMDHD1	amidohydrolase domain containing 1	ENSECAG00000024293
0.81	ARL16	ADP-ribosylation factor-like 16	ENSECAG00000026875

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.81	LRRCC1	leucine rich repeat and coiled-coil centrosomal protein 1	ENSECAG00000014704
0.81	PLEKHM2	pleckstrin homology domain containing, family M (with RUN domain) member 2	ENSECAG00000014652
0.81	SDR16C5	short chain dehydrogenase/reductase family 16C, member 5	ENSECAG00000008479
0.81	DSN1	DSN1, MIS12 kinetochore complex component	ENSECAG00000013947
0.81	FAM219B	family with sequence similarity 219, member B	ENSECAG00000009871
0.81			ENSECAG00000015880
0.81	LIN7B	lin-7 homolog B (C. elegans)	ENSECAG00000020151
0.80	TRIM21	tripartite motif containing 21	ENSECAG00000006211
0.80	ENTPD4	ectonucleoside triphosphate diphosphohydrolase 4	ENSECAG00000010493
0.80	DKKL1	dickkopf-like 1	ENSECAG00000024239
0.80	IL4R	interleukin-4 receptor subunit alpha precursor	ENSECAG00000021525
0.80	PSMD1	proteasome (prosome, macropain) 26S subunit, non-ATPase, 1	ENSECAG00000007845
0.80	METTL7A	methyltransferase like 7A	ENSECAG00000012490
0.80	MKRN2	makorin ring finger protein 2	ENSECAG00000024404
0.80	TXNDC12	thioredoxin domain containing 12 (endoplasmic reticulum)	ENSECAG00000009525
0.80	FBXW9	F-box and WD repeat domain containing 9	ENSECAG00000005017
0.80	NSMF	NMDA receptor synaptonuclear signaling and neuronal migration factor	ENSECAG00000012467
0.80	CPSF3	cleavage and polyadenylation specific factor 3, 73kDa	ENSECAG00000019911
0.80	MED30	mediator complex subunit 30	ENSECAG00000022303
0.80	DIS3L	DIS3 mitotic control homolog (S. cerevisiae)-like	ENSECAG00000007302
0.80	TMEM201	transmembrane protein 201	ENSECAG00000015887
0.80	C1orf27	chromosome 1 open reading frame 27	ENSECAG00000008289
0.80	SETD9	SET domain containing 9	ENSECAG00000006497
0.80	APPBP2	amyloid beta precursor protein (cytoplasmic tail) binding protein 2	ENSECAG00000016822
0.80	DLGAP5	discs, large (Drosophila) homolog-associated protein 5	ENSECAG00000008655
0.80	GAA	glucosidase, alpha, acid	ENSECAG00000015401
0.80			ENSECAG00000015217
0.80	ZNF689	zinc finger protein 689	ENSECAG00000004417
0.80	KCTD2	potassium channel tetramerization domain containing 2	ENSECAG00000009112
0.80	NECAP2	NECAP endocytosis associated 2	ENSECAG00000010265

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.80	CSNK1E	casein kinase 1, epsilon	ENSECAG00000021631
0.80	FBXL17	F-box and leucine-rich repeat protein 17	ENSECAG00000011896
0.80	METTL20	methyltransferase like 20	ENSECAG00000005690
0.80	CAMSAP1	calmodulin regulated spectrin-associated protein 1	ENSECAG00000017095
0.80	SEC24A	SEC24 family, member A (S. cerevisiae)	ENSECAG00000002321
0.80	SH3GL2	SH3-domain GRB2-like 2	ENSECAG00000009922
0.80	PEX11B	peroxisomal biogenesis factor 11 beta	ENSECAG00000002265
0.80	C1orf86	chromosome 1 open reading frame 86	ENSECAG00000014263
0.80	RPL3L	ribosomal protein L3-like	ENSECAG00000020632
0.80	ILDR1	immunoglobulin-like domain containing receptor 1	ENSECAG00000014188
0.80	GMPR	guanosine monophosphate reductase	ENSECAG00000022923
0.80	CAPN7	calpain 7	ENSECAG00000004932
0.80	LMNB2	lamin B2	ENSECAG00000011017
0.80	PIGB	phosphatidylinositol glycan anchor biosynthesis, class B	ENSECAG00000001013
0.79	MED23	mediator complex subunit 23	ENSECAG00000024638
0.79		Uncharacterized protein	ENSECAG00000003998
0.79		Uncharacterized protein	ENSECAG00000018175
0.79	DCAF13	DDB1 and CUL4 associated factor 13	ENSECAG00000009654
0.79		Uncharacterized protein	ENSECAG00000019226
0.79	CCSAP	centriole, cilia and spindle-associated protein	ENSECAG00000005178
0.79			ENSECAG00000023317
0.79	PPIL1	peptidylprolyl isomerase (cyclophilin)-like 1	ENSECAG00000022373
0.79	COLGALT1	collagen beta(1-O)galactosyltransferase 1	ENSECAG00000023099
0.79	U6	U6 spliceosomal RNA	ENSECAG00000026424
0.79	LIG3	ligase III, DNA, ATP-dependent	ENSECAG00000016416
0.79		Uncharacterized protein	ENSECAG00000009247
0.79	HOXB3	homeobox B3	ENSECAG00000002707
0.79	IMPDH1	IMP (inosine 5'-monophosphate) dehydrogenase 1	ENSECAG00000015391
0.79	DDX54	DEAD (Asp-Glu-Ala-Asp) box polypeptide 54	ENSECAG00000012890
0.79	MRPL42	mitochondrial ribosomal protein L42	ENSECAG00000026888

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.79	NFATC2IP	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 interacting protein	ENSECAG00000010483
0.79	IL18	Interleukin-18	ENSECAG00000015261
0.79	IFT52	intraflagellar transport 52 homolog (Chlamydomonas)	ENSECAG00000020781
0.79	AMMECR1L	AMMECR1-like	ENSECAG00000023095
0.79	AIDA	axin interactor, dorsalization associated	ENSECAG00000011087
0.79	BLZF1	basic leucine zipper nuclear factor 1	ENSECAG00000017383
0.79	SLC12A9	solute carrier family 12 (potassium/chloride transporters), member 9	ENSECAG00000017955
0.79	BRCC3	BRCA1/BRCA2-containing complex, subunit 3	ENSECAG00000021441
0.79	SLC16A11	solute carrier family 16, member 11 (monocarboxylic acid transporter 11)	ENSECAG00000023791
0.79	ZNF76	zinc finger protein 76	ENSECAG00000014843
0.79	MPV17L2	MPV17 mitochondrial membrane protein-like 2	ENSECAG00000020604
0.79	C1orf131	chromosome 1 open reading frame 131	ENSECAG00000024809
0.79	CCDC120	coiled-coil domain containing 120	ENSECAG00000024890
0.79	SNX14	sorting nexin 14	ENSECAG00000011819
0.79	VPS37A	vacuolar protein sorting 37 homolog A (S. cerevisiae)	ENSECAG00000006850
0.79	VPS52	vacuolar protein sorting 52 homolog (S. cerevisiae)	ENSECAG00000019702
0.79	C19orf54	chromosome 19 open reading frame 54	ENSECAG00000011907
0.78	PSTK	phosphoseryl-tRNA kinase	ENSECAG00000011238
0.78	NAT14	N-acetyltransferase 14 (GCN5-related, putative)	ENSECAG00000018711
0.78	U2	U2 spliceosomal RNA	ENSECAG00000025679
0.78	C1orf192	chromosome 1 open reading frame 192	ENSECAG00000018790
0.78	ABCC5	ATP-binding cassette, sub-family C (CFTR/MRP), member 5	ENSECAG00000007961
0.78	VPS18	vacuolar protein sorting 18 homolog (S. cerevisiae)	ENSECAG00000016476
0.78	SLC6A19	solute carrier family 6 (neutral amino acid transporter), member 19	ENSECAG00000015357
0.78	CDKN3	cyclin-dependent kinase inhibitor 3	ENSECAG00000019433
0.78	C1orf21	chromosome 1 open reading frame 21	ENSECAG00000018288
0.78		Uncharacterized protein	ENSECAG00000024525
0.78	RASSF3	Ras association (RalGDS/AF-6) domain family member 3	ENSECAG00000023140
0.78	OPTN	optineurin	ENSECAG00000007747

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.78	RAB5A	RAB5A, member RAS oncogene family	ENSECAG00000019062
0.78	F2R	coagulation factor II (thrombin) receptor	ENSECAG00000004055
0.78	ALDH16A1	aldehyde dehydrogenase 16 family, member A1	ENSECAG00000023437
0.78	CAD	carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase	ENSECAG00000014690
0.78		Uncharacterized protein	ENSECAG00000000508
0.78	DERL1	derlin 1	ENSECAG00000023705
0.78	CHSY3	chondroitin sulfate synthase 3	ENSECAG00000001407
0.78	MOB2	MOB kinase activator 2	ENSECAG00000020591
0.78	SLC4A11	solute carrier family 4, sodium borate transporter, member 11	ENSECAG00000020277
0.78	LEMD2	LEM domain containing 2	ENSECAG00000012707
0.78	PTPN12	protein tyrosine phosphatase, non-receptor type 12	ENSECAG00000008693
0.78	OGFOD1	2-oxoglutarate and iron-dependent oxygenase domain containing 1	ENSECAG00000007486
0.78	PRKRIR	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)	ENSECAG00000021982
0.78	SKA3	spindle and kinetochore associated complex subunit 3	ENSECAG00000014323
0.78	eca-mir-22	eca-mir-22	ENSECAG00000026466
0.78	ARID1A	AT rich interactive domain 1A (SWI-like)	ENSECAG00000017991
0.78	TTLL1	tubulin tyrosine ligase-like family, member 1	ENSECAG00000012788
0.78	GMDS	GDP-mannose 4,6-dehydratase	ENSECAG00000001999
0.78	BRMS1L	breast cancer metastasis-suppressor 1-like	ENSECAG00000013452
0.78	FNBP4	formin binding protein 4	ENSECAG00000020072
0.78	PSMD14	proteasome (prosome, macropain) 26S subunit, non-ATPase, 14	ENSECAG00000020046
0.78	LEO1	Leo1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	ENSECAG00000014898
0.77		Uncharacterized protein	ENSECAG00000008690
0.77	FAM49B	family with sequence similarity 49, member B	ENSECAG00000023517
0.77	PDCD10	programmed cell death 10	ENSECAG00000017911
0.77	PHYHD1	phytanoyl-CoA dioxygenase domain containing 1	ENSECAG00000015161
0.77	RGN	regucalcin	ENSECAG00000019562
0.77	RELA	v-rel avian reticuloendotheliosis viral oncogene homolog A	ENSECAG00000013763
0.77	OSBPL7	oxysterol binding protein-like 7	ENSECAG00000019067

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.77	SNORD73	Small nucleolar RNA SNORD73	ENSECAG00000025854
0.77	41705	membrane-associated ring finger (C3HC4) 7, E3 ubiquitin protein ligase	ENSECAG00000015805
0.77	BRICD5	BRICHOS domain containing 5	ENSECAG00000010026
0.77	TRMT6	tRNA methyltransferase 6 homolog (<i>S. cerevisiae</i>)	ENSECAG00000023914
0.77	SLC44A1	solute carrier family 44 (choline transporter), member 1	ENSECAG00000002233
0.77	MRPS31	mitochondrial ribosomal protein S31	ENSECAG00000003600
0.77	MBD4	methyl-CpG binding domain protein 4	ENSECAG00000022106
0.77	PLG	plasminogen	ENSECAG00000007979
0.77	GSTT1	glutathione S-transferase theta 1	ENSECAG00000002100
0.77	ZNF691	zinc finger protein 691	ENSECAG00000013086
0.77	KCTD9	potassium channel tetramerization domain containing 9	ENSECAG00000011535
0.77	ATPAF1	ATP synthase mitochondrial F1 complex assembly factor 1	ENSECAG00000018487
0.77	TEX10	testis expressed 10	ENSECAG00000018297
0.77	FBXO46	F-box protein 46	ENSECAG00000014541
0.77	HAAO	3-hydroxyanthranilate 3,4-dioxygenase	ENSECAG00000017940
0.77	CCDC34	coiled-coil domain containing 34	ENSECAG00000013019
0.77	RTN2	reticulon 2	ENSECAG00000022897
0.77	MAP3K11	mitogen-activated protein kinase kinase kinase 11	ENSECAG00000010694
0.77	UGDH	UDP-glucose 6-dehydrogenase	ENSECAG00000015009
0.77	LHB	lutropin/choriogonadotropin subunit beta	ENSECAG00000007548
0.77			ENSECAG00000023362
0.77	THBD	thrombomodulin	ENSECAG00000005241
0.77	DENND2D	DENN/MADD domain containing 2D	ENSECAG00000002508
0.77	NUF2	NUF2, NDC80 kinetochore complex component	ENSECAG00000009163
0.77		Uncharacterized protein	ENSECAG00000006063
0.76	FMOD	fibromodulin	ENSECAG00000017864
0.76	RFC3	replication factor C (activator 1) 3, 38kDa	ENSECAG00000021614
0.76	SEC23IP	SEC23 interacting protein	ENSECAG00000000536
0.76	LAMC2	laminin subunit gamma-2 precursor	ENSECAG00000021903
0.76	GTF2H3	general transcription factor IIH, polypeptide 3, 34kDa	ENSECAG00000023959

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.76	BAZ2A	bromodomain adjacent to zinc finger domain, 2A	ENSECAG00000018243
0.76	ZNF350	zinc finger protein 350	ENSECAG00000016812
0.76	ATAT1	alpha tubulin acetyltransferase 1	ENSECAG00000010618
0.76	HOMEZ	homeobox and leucine zipper encoding	ENSECAG00000010514
0.76	SAFB2	scaffold attachment factor B2	ENSECAG00000018978
0.76	ARL2	ADP-ribosylation factor-like 2	ENSECAG00000018075
0.76	TDP2	tyrosyl-DNA phosphodiesterase 2	ENSECAG00000014264
0.76	DNAJC21	DnaJ (Hsp40) homolog, subfamily C, member 21	ENSECAG00000024728
0.76	ETFA	electron-transfer-flavoprotein, alpha polypeptide	ENSECAG00000002611
0.76	GNAL	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory type	ENSECAG00000005343
0.76	HSCB	HscB iron-sulfur cluster co-chaperone homolog (E. coli)	ENSECAG00000021317
0.76	POLR3H	polymerase (RNA) III (DNA directed) polypeptide H (22.9kD)	ENSECAG00000019715
0.76	LPO	lactoperoxidase	ENSECAG00000023550
0.76	RNF41	ring finger protein 41	ENSECAG00000006364
0.76			ENSECAG00000007309
0.76	FAM161A	family with sequence similarity 161, member A	ENSECAG00000024614
0.76	RTF1	Rtf1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	ENSECAG00000020872
0.76	FAM192A	family with sequence similarity 192, member A	ENSECAG00000009324
0.76	SETD5	SET domain containing 5	ENSECAG00000016843
0.76	RNF170	ring finger protein 170	ENSECAG00000000004
0.76	ZNF70	zinc finger protein 70	ENSECAG00000005021
0.76	ZNF79	zinc finger protein 79	ENSECAG00000009109
0.76	SLX4	SLX4 structure-specific endonuclease subunit	ENSECAG00000014662
0.76	DTX3L	deltex 3-like (Drosophila)	ENSECAG00000009686
0.76	IMPAD1	inositol monophosphatase domain containing 1	ENSECAG00000020044
0.76	DPPA2	developmental pluripotency associated 2	ENSECAG00000013432
0.76	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENSECAG00000024215
0.76	SUSD3	sushi domain containing 3	ENSECAG00000015522
0.76	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member 1	ENSECAG00000014493

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.76	SNORA71	Small nucleolar RNA SNORA71	ENSECAG00000025684
0.76	ASUN	asunder spermatogenesis regulator	ENSECAG00000009087
0.75	IARS2	isoleucyl-tRNA synthetase 2, mitochondrial	ENSECAG00000022576
0.75	GLIPR2	GLI pathogenesis-related 2	ENSECAG00000012502
0.75	LIN7C	lin-7 homolog C (C. elegans)	ENSECAG00000015795
0.75	ABR	active BCR-related	ENSECAG00000021889
0.75	SMPD4	sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3)	ENSECAG00000007248
0.75	ARG2	arginase 2	ENSECAG00000016534
0.75	SARNP	SAP domain containing ribonucleoprotein	ENSECAG00000000708
0.75		Uncharacterized protein	ENSECAG00000026829
0.75	PUM2	pumilio homolog 2 (Drosophila)	ENSECAG00000021930
0.75	ARMCX5	armadillo repeat containing, X-linked 5	ENSECAG00000009895
0.75	TNK1	tyrosine kinase, non-receptor, 1	ENSECAG00000015435
0.75	JARID2	jumonji, AT rich interactive domain 2	ENSECAG00000011721
0.75	SMARCA1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1	ENSECAG00000012106
0.75	MNT	MNT, MAX dimerization protein	ENSECAG00000013419
0.75	SORT1	sortilin 1	ENSECAG00000015853
0.75	SAV1	salvador homolog 1 (Drosophila)	ENSECAG00000020643
0.75	TNPO1	transportin 1	ENSECAG00000024424
0.75		Uncharacterized protein	ENSECAG00000017745
0.75	ORAOV1	oral cancer overexpressed 1	ENSECAG00000020265
0.75	ODF2	outer dense fiber of sperm tails 2	ENSECAG00000011337
0.75	TAPBPL	TAP binding protein-like	ENSECAG00000012920
0.75			ENSECAG00000021554
0.75	RAB32	RAB32, member RAS oncogene family	ENSECAG00000022970
0.75	CCDC112	coiled-coil domain containing 112	ENSECAG00000014982
0.75	TAF12	TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa	ENSECAG00000012688

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.75	STAMBP	STAM binding protein	ENSECAG00000002320
0.75		Uncharacterized protein	ENSECAG000000024285
0.75	SIX4	SIX homeobox 4	ENSECAG000000023515
0.75	SNAP29	synaptosomal-associated protein, 29kDa	ENSECAG000000020366
0.75	RAD9A	RAD9 homolog A (S. pombe)	ENSECAG000000010129
0.75	SLC25A25	solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 25	ENSECAG000000015267
0.75	PPARD	peroxisome proliferator-activated receptor delta	ENSECAG000000008227
0.75		Uncharacterized protein	ENSECAG000000020192
0.75	FAM60A	family with sequence similarity 60, member A	ENSECAG000000009655
0.75	LGR4	leucine-rich repeat containing G protein-coupled receptor 4	ENSECAG000000013111
0.75	MLF1	myeloid leukemia factor 1	ENSECAG000000016503
0.74	FKBP1B	FK506 binding protein 1B, 12.6 kDa	ENSECAG000000015664
0.74	SLC30A9	solute carrier family 30 (zinc transporter), member 9	ENSECAG000000000595
0.74		Uncharacterized protein	ENSECAG000000020230
0.74			ENSECAG000000011030
0.74	SLC13A4	solute carrier family 13 (sodium/sulfate symporters), member 4	ENSECAG000000015127
0.74	CYP27A1	cytochrome P450, family 27, subfamily A, polypeptide 1	ENSECAG000000019737
0.74	CARS	cysteinyI-tRNA synthetase	ENSECAG000000004558
0.74	MST1R	macrophage stimulating 1 receptor (c-met-related tyrosine kinase)	ENSECAG000000024812
0.74	AMOTL2	angiomin like 2	ENSECAG000000009818
0.74	BDH2	3-hydroxybutyrate dehydrogenase, type 2	ENSECAG000000010010
0.74	SPRY1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)	ENSECAG000000013746
0.74	HIST1H2BK	histone cluster 1, H2bk	ENSECAG000000002656
0.74	NUDT14	nudix (nucleoside diphosphate linked moiety X)-type motif 14	ENSECAG000000016942
0.74	STK11IP	serine/threonine kinase 11 interacting protein	ENSECAG000000017116
0.74	HEMK1	HemK methyltransferase family member 1	ENSECAG000000017136
0.74	ACOT8	acyl-CoA thioesterase 8	ENSECAG000000021884
0.74	LIMA1	LIM domain and actin binding 1	ENSECAG000000011991
0.74	SLTM	SAFB-like, transcription modulator	ENSECAG000000011267
0.74	PPP6C	protein phosphatase 6, catalytic subunit	ENSECAG000000015767

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.74		Uncharacterized protein	ENSECAG00000022274
0.74		Uncharacterized protein	ENSECAG00000020009
0.74	CLK4	CDC-like kinase 4	ENSECAG00000014153
0.74	AGGF1	angiogenic factor with G patch and FHA domains 1	ENSECAG00000016031
0.74	ADAR	adenosine deaminase, RNA-specific	ENSECAG00000000974
0.74	EPN3	epsin 3	ENSECAG00000004484
0.74			ENSECAG00000010590
0.74			ENSECAG00000016714
0.74			ENSECAG00000005293
0.74	PLCD1	phospholipase C, delta 1	ENSECAG00000023703
0.74	PQLC3	PQ loop repeat containing 3	ENSECAG00000020784
0.74	FAM91A1	family with sequence similarity 91, member A1	ENSECAG00000011491
0.74	SLC38A10	solute carrier family 38, member 10	ENSECAG00000013118
0.74	C2orf88	chromosome 2 open reading frame 88	ENSECAG00000003239
0.74	TMEM184C	transmembrane protein 184C	ENSECAG00000019574
0.74	GATAD2A	GATA zinc finger domain containing 2A	ENSECAG00000012875
0.74	ZNF668	zinc finger protein 668	ENSECAG00000008572
0.74		Uncharacterized protein	ENSECAG00000016003
0.74	UBE2E1	ubiquitin-conjugating enzyme E2E 1	ENSECAG00000011371
0.74	PTH1R	parathyroid hormone 1 receptor	ENSECAG00000008888
0.74			ENSECAG00000021457
0.73		Uncharacterized protein	ENSECAG00000006938
0.73	CDK20	cyclin-dependent kinase 20	ENSECAG00000024968
0.73	TMEM39A	transmembrane protein 39A	ENSECAG00000020653
0.73	DOC2A	double C2-like domains, alpha	ENSECAG00000018403
0.73		Uncharacterized protein	ENSECAG00000019886
0.73			ENSECAG00000009471
0.73	NR1I3	nuclear receptor subfamily 1, group I, member 3	ENSECAG00000020930
0.73	ZFR	zinc finger RNA binding protein	ENSECAG00000012851
0.73	DPPA4	developmental pluripotency associated 4	ENSECAG00000013271

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.73	NAAA	N-acylethanolamine acid amidase	ENSECAG00000005265
0.73	MGST2	microsomal glutathione S-transferase 2	ENSECAG000000019195
0.73	MIOX	myo-inositol oxygenase	ENSECAG000000020700
0.73	ACOT4	acyl-CoA thioesterase 4	ENSECAG000000015948
0.73	TMEM171	transmembrane protein 171	ENSECAG000000023608
0.73	FAF2	Fas associated factor family member 2	ENSECAG000000012970
0.73		Uncharacterized protein	ENSECAG000000003089
0.73	FBXO32	F-box protein 32	ENSECAG000000016002
0.73	GEMIN6	gem (nuclear organelle) associated protein 6	ENSECAG000000007191
0.73	WDR48	WD repeat domain 48	ENSECAG000000018492
0.73	TMEM41B	transmembrane protein 41B	ENSECAG000000026871
0.73			ENSECAG000000012320
0.73	FAM213A	family with sequence similarity 213, member A	ENSECAG000000009136
0.73	PARP6	poly (ADP-ribose) polymerase family, member 6	ENSECAG000000016215
0.73		Uncharacterized protein	ENSECAG000000007273
0.73	MTMR14	myotubularin related protein 14	ENSECAG000000020625
0.73	BAZ1B	bromodomain adjacent to zinc finger domain, 1B	ENSECAG000000002889
0.73	EHHADH	enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogenase	ENSECAG000000023588
0.73	ILKAP	integrin-linked kinase-associated serine/threonine phosphatase	ENSECAG000000024661
0.73	PCDHA1	protocadherin alpha 1	ENSECAG000000013199
0.73	DDX52	DEAD (Asp-Glu-Ala-Asp) box polypeptide 52	ENSECAG000000012286
0.73	ZNF317	zinc finger protein 317	ENSECAG000000022001
0.73	DNAJA4	DnaJ (Hsp40) homolog, subfamily A, member 4	ENSECAG000000023807
0.73	NEK2	NIMA-related kinase 2	ENSECAG000000020920
0.73	AFTPH	aftiphilin	ENSECAG000000012175
0.72	CCDC22	coiled-coil domain containing 22	ENSECAG000000010680
0.72	DCAF12	DDB1 and CUL4 associated factor 12	ENSECAG000000023064
0.72	TDG	thymine-DNA glycosylase	ENSECAG000000002072
0.72	FASTKD3	FAST kinase domains 3	ENSECAG000000014894
0.72	TENC1	tensin like C1 domain containing phosphatase (tensin 2)	ENSECAG000000010909

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.72	SOAT2	sterol O-acyltransferase 2	ENSECAG00000020109
0.72	C5orf51	chromosome 5 open reading frame 51	ENSECAG00000016437
0.72	SUPT20H	suppressor of Ty 20 homolog (S. cerevisiae)	ENSECAG00000000116
0.72	MACF1	microtubule-actin crosslinking factor 1	ENSECAG00000013366
0.72	RNF207	ring finger protein 207	ENSECAG00000024940
0.72	KLHL12	kelch-like family member 12	ENSECAG00000015828
0.72	ANKRD16	ankyrin repeat domain 16	ENSECAG00000020138
0.72	MOB4	MOB family member 4, phocein	ENSECAG00000015560
0.72	SCAF1	SR-related CTD-associated factor 1	ENSECAG00000017909
0.72	C10orf35	chromosome 10 open reading frame 35	ENSECAG00000018112
0.72	DCUN1D5	DCN1, defective in cullin neddylation 1, domain containing 5	ENSECAG00000005717
0.72	NXN	nucleoredoxin	ENSECAG00000023912
0.72	LAD1	ladinin 1	ENSECAG00000013156
0.72	PQLC2	PQ loop repeat containing 2	ENSECAG00000016138
0.72	HOXC6	homeobox C6	ENSECAG00000003682
0.72	CEP72	centrosomal protein 72kDa	ENSECAG00000021103
0.72		Histone H2A	ENSECAG00000004965
0.72	WNK4	WNK lysine deficient protein kinase 4	ENSECAG00000023887
0.72	IRF1	interferon regulatory factor 1	ENSECAG00000017794
0.72			ENSECAG00000021485
0.72	SLC25A30	solute carrier family 25, member 30	ENSECAG00000017334
0.72	SDPR	serum deprivation response	ENSECAG00000020842
0.72	ENTPD6	ectonucleoside triphosphate diphosphohydrolase 6 (putative)	ENSECAG00000013042
0.72	PRRC2C	proline-rich coiled-coil 2C	ENSECAG00000016800
0.72	ARRDC2	arrestin domain containing 2	ENSECAG00000016486
0.72	PPARG	peroxisome proliferator-activated receptor gamma	ENSECAG00000016664
0.72	CMTM6	CKLF-like MARVEL transmembrane domain containing 6	ENSECAG00000015428
0.72	NEK3	NIMA-related kinase 3	ENSECAG00000021688
0.72	CSRP2BP	CSRP2 binding protein	ENSECAG00000017543
0.72	B3GNT9	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9	ENSECAG00000006409

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.72	ITGA3	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)	ENSECAG00000015760
0.72	ZDHHC4	zinc finger, DHHC-type containing 4	ENSECAG00000000176
0.71	DRAM2	DNA-damage regulated autophagy modulator 2	ENSECAG00000011242
0.71	COQ10B	coenzyme Q10 homolog B (S. cerevisiae)	ENSECAG00000006436
0.71	FDXACB1	ferredoxin-fold anticodon binding domain containing 1	ENSECAG00000009561
0.71	ACSF2	acyl-CoA synthetase family member 2	ENSECAG00000019245
0.71	TPBGL	trophoblast glycoprotein-like	ENSECAG00000005956
0.71	CCDC106	coiled-coil domain containing 106	ENSECAG00000006135
0.71			ENSECAG00000014727
0.71	NDEL1	nudE nuclear distribution E homolog (A. nidulans)-like 1	ENSECAG00000015858
0.71	MORN4	MORN repeat containing 4	ENSECAG00000008658
0.71	USO1	USO1 vesicle transport factor	ENSECAG00000013245
0.71	AEN	apoptosis enhancing nuclease	ENSECAG00000020235
0.71	FAM212A	family with sequence similarity 212, member A	ENSECAG00000015612
0.71	UBE2R2	ubiquitin-conjugating enzyme E2R 2	ENSECAG00000022482
0.71	CENPO	centromere protein O	ENSECAG00000017127
0.71		Uncharacterized protein	ENSECAG00000021784
0.71	IL3RA	interleukin 3 receptor, alpha (low affinity)	ENSECAG00000016588
0.71	RHOF	ras homolog family member F (in filopodia)	ENSECAG00000024780
0.71	FAM45A	family with sequence similarity 45, member A	ENSECAG00000013713
0.71	ACOT6	acyl-CoA thioesterase 6	ENSECAG00000016290
0.71	TMEM45B	transmembrane protein 45B	ENSECAG00000001267
0.71		Annexin	ENSECAG00000020129
0.71	HIAT1	hippocampus abundant transcript 1	ENSECAG00000004867
0.71	MTPAP	mitochondrial poly(A) polymerase	ENSECAG00000000001
0.71	DBNDD1	dysbindin (dystrobrevin binding protein 1) domain containing 1	ENSECAG00000019164
0.71	ANKMY2	ankyrin repeat and MYND domain containing 2	ENSECAG00000014046
0.71		Histone H2A	ENSECAG00000007815
0.71	PGM1	phosphoglucomutase 1	ENSECAG00000024262
0.71	CAMTA2	calmodulin binding transcription activator 2	ENSECAG00000019370

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.71	AKT1S1	AKT1 substrate 1 (proline-rich)	ENSECAG00000023285
0.71	AP1B1	adaptor-related protein complex 1, beta 1 subunit	ENSECAG00000019246
0.71			ENSECAG00000006631
0.71	RHBDF2	rhomboid 5 homolog 2 (Drosophila)	ENSECAG00000021951
0.71	ZMAT5	zinc finger, matrin-type 5	ENSECAG00000017576
0.71	GYS1	glycogen	ENSECAG00000021428
0.71	CRY1	cryptochrome 1 (photolyase-like)	ENSECAG00000014833
0.71	PYROXD1	pyridine nucleotide-disulphide oxidoreductase domain 1	ENSECAG00000023975
0.71	IPO7	importin 7	ENSECAG00000015965
0.71			ENSECAG00000019780
0.71	ATL2	atlastin GTPase 2	ENSECAG00000023470
0.71	AP5M1	adaptor-related protein complex 5, mu 1 subunit	ENSECAG00000017818
0.71	E2F8	E2F transcription factor 8	ENSECAG00000016457
0.71	LYPD3	LY6/PLAUR domain containing 3	ENSECAG00000008763
0.71		Enolase	ENSECAG00000023024
0.71	ZMYM1	zinc finger, MYM-type 1	ENSECAG00000010248
0.71	ARHGEF16	Rho guanine nucleotide exchange factor (GEF) 16	ENSECAG00000015621
0.70	DFNA5	non-syndromic hearing impairment protein 5 homolog	ENSECAG00000021145
0.70		Uncharacterized protein	ENSECAG00000004301
0.70	SMAGP	small cell adhesion glycoprotein	ENSECAG00000026882
0.70	AGK	acylglycerol kinase	ENSECAG00000014211
0.70			ENSECAG00000017889
0.70	GAPVD1	GTPase activating protein and VPS9 domains 1	ENSECAG00000012787
0.70	GTF3C6	general transcription factor IIIC, polypeptide 6, alpha 35kDa	ENSECAG00000014214
0.70	TM2D1	TM2 domain containing 1	ENSECAG00000015035
0.70	OVOL1	ovo-like 1(Drosophila)	ENSECAG00000017302
0.70	SLC7A9	solute carrier family 7 (glycoprotein-associated amino acid transporter light chain, bo,+ system), member 9	ENSECAG00000009914
0.70	RBAK	RB-associated KRAB zinc finger	ENSECAG00000009724
0.70	SH3BP4	SH3-domain binding protein 4	ENSECAG00000009382

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.70	TNFRSF14	tumor necrosis factor receptor superfamily member 14	ENSECAG00000008751
0.70	NAA30	N(alpha)-acetyltransferase 30, NatC catalytic subunit	ENSECAG000000012925
0.70	SNRNP48	small nuclear ribonucleoprotein 48kDa (U11/U12)	ENSECAG000000026937
0.70	MBTPS1	membrane-bound transcription factor peptidase, site 1	ENSECAG000000010283
0.70	CHCHD4	coiled-coil-helix-coiled-coil-helix domain containing 4	ENSECAG000000002378
0.70	PATL1	protein associated with topoisomerase II homolog 1 (yeast)	ENSECAG000000011411
0.70	TTC5	tetratricopeptide repeat domain 5	ENSECAG000000012847
0.70	RBM17	RNA binding motif protein 17	ENSECAG000000008939
0.70	PLEKHG2	pleckstrin homology domain containing, family G (with RhoGef domain) member 2	ENSECAG000000020069
0.70		Uncharacterized protein	ENSECAG000000009549
0.70	ASB8	ankyrin repeat and SOCS box containing 8	ENSECAG000000022302
0.70	ZNF75A	zinc finger protein 75a	ENSECAG000000023652
0.70	COG2	component of oligomeric golgi complex 2	ENSECAG000000010075
0.70	PPP1CB	protein phosphatase 1, catalytic subunit, beta isozyme	ENSECAG000000015953
0.70	DCAF15	DDB1 and CUL4 associated factor 15	ENSECAG000000016571
0.70	CLDN2	claudin 2	ENSECAG000000003417
0.70	SMAD1	mothers against decapentaplegic homolog 1	ENSECAG000000022649
0.70	E2F1	E2F transcription factor 1	ENSECAG000000023831
0.70	PVR	poliovirus receptor	ENSECAG000000009241
0.70			ENSECAG000000018715
0.70	HPX	hemopexin	ENSECAG000000016475
0.70	PLEKHA6	pleckstrin homology domain containing, family A member 6	ENSECAG000000009660
0.70	GNPDA2	glucosamine-6-phosphate deaminase 2	ENSECAG000000016016
0.69		Uncharacterized protein	ENSECAG000000013505
0.69	GRB2	growth factor receptor-bound protein 2	ENSECAG000000010007
0.69	MARVELD3	MARVEL domain containing 3	ENSECAG000000019511
0.69	DUS4L	dihydrouridine synthase 4-like (S. cerevisiae)	ENSECAG000000014852
0.69	PLXNA3	plexin A3	ENSECAG000000025088
0.69	SGPP1	sphingosine-1-phosphate phosphatase 1	ENSECAG000000013605
0.69	PCMTD1	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 1	ENSECAG000000022204

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.69	FERMT2	fermitin family member 2	ENSECAG00000020305
0.69	PDLIM1	PDZ and LIM domain 1	ENSECAG00000020816
0.69	VCL	vinculin	ENSECAG00000013481
0.69	LINS	lines homolog (Drosophila)	ENSECAG00000018867
0.69	TEAD4	TEA domain family member 4	ENSECAG00000011303
0.69	N4BP3	NEDD4 binding protein 3	ENSECAG00000009254
0.69	DDIT4L	DNA-damage-inducible transcript 4-like	ENSECAG00000023728
0.69	SCAF11	SR-related CTD-associated factor 11	ENSECAG00000023851
0.69	C17orf85	chromosome 17 open reading frame 85	ENSECAG00000008444
0.69	EFCAB14	EF-hand calcium binding domain 14	ENSECAG00000008976
0.69	FAM151A	family with sequence similarity 151, member A	ENSECAG00000024384
0.69	CD58	CD58 molecule	ENSECAG00000024391
0.69	FUBP3	far upstream element (FUSE) binding protein 3	ENSECAG00000011500
0.69		Uncharacterized protein	ENSECAG00000007666
0.69	P4HA1	prolyl 4-hydroxylase, alpha polypeptide I	ENSECAG00000012496
0.69	ZNF335	zinc finger protein 335	ENSECAG00000023647
0.69	IRF2BPL	interferon regulatory factor 2 binding protein-like	ENSECAG00000009757
0.69	TMEM57	transmembrane protein 57	ENSECAG00000002018
0.69	CUL9	cullin 9	ENSECAG00000011751
0.69	KPTN	kaptin (actin binding protein)	ENSECAG00000018392
0.69	PTPN6	protein tyrosine phosphatase, non-receptor type 6	ENSECAG00000000465
0.69	XPA	xeroderma pigmentosum, complementation group A	ENSECAG00000010236
0.69	PHF3	PHD finger protein 3	ENSECAG00000023016
0.69	SMG9	SMG9 nonsense mediated mRNA decay factor	ENSECAG00000007334
0.69	INSIG2	insulin induced gene 2	ENSECAG00000006707
0.69	SPRTN	SprT-like N-terminal domain	ENSECAG00000023916
0.68	AAR2	AAR2 splicing factor homolog (S. cerevisiae)	ENSECAG00000008929
0.68		Uncharacterized protein	ENSECAG00000017138
0.68	ZNRF2	zinc and ring finger 2	ENSECAG00000013800
0.68	NCBP1	nuclear cap binding protein subunit 1, 80kDa	ENSECAG00000013847

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.68	RUSC2	RUN and SH3 domain containing 2	ENSECAG00000024530
0.68	STRADA	STE20-related kinase adaptor alpha	ENSECAG00000023926
0.68			ENSECAG00000022547
0.68	GIN54	GIN5 complex subunit 4 (Sld5 homolog)	ENSECAG00000020517
0.68	CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	ENSECAG00000021543
0.68	FAM110D	family with sequence similarity 110, member D	ENSECAG00000005628
0.68	ZNF384	zinc finger protein 384	ENSECAG00000009490
0.68	EXOSC7	exosome component 7	ENSECAG00000006539
0.68		Uncharacterized protein	ENSECAG00000008548
0.68	C17orf59	chromosome 17 open reading frame 59	ENSECAG00000003075
0.68	COL2A1	collagen alpha-1(II) chain	ENSECAG00000022313
0.68		Uncharacterized protein	ENSECAG00000015236
0.68	TMC8	transmembrane channel-like 8	ENSECAG00000010090
0.68	CLIC4	chloride intracellular channel 4	ENSECAG00000016168
0.68	ENOPH1	enolase-phosphatase 1	ENSECAG00000019612
0.68		Uncharacterized protein	ENSECAG00000024859
0.68	ANAPC4	anaphase promoting complex subunit 4	ENSECAG00000017692
0.68	GLTP	glycolipid transfer protein	ENSECAG00000006004
0.68	ACADS	acyl-CoA dehydrogenase, C-2 to C-3 short chain	ENSECAG00000012575
0.68	XKRX	XK, Kell blood group complex subunit-related, X-linked	ENSECAG00000019231
0.68	FKBP15	FK506 binding protein 15, 133kDa	ENSECAG00000017713
0.68	CTSK	cathepsin K	ENSECAG00000019087
0.68	NMNAT1	nicotinamide nucleotide adenylyltransferase 1	ENSECAG00000020988
0.68	MED17	mediator complex subunit 17	ENSECAG00000011329
0.68	GUCD1	guanylyl cyclase domain containing 1	ENSECAG00000020031
0.68	MOSPD1	motile sperm domain containing 1	ENSECAG00000022243
0.68	CDC123	cell division cycle 123	ENSECAG00000010392
0.68	TBPL1	TBP-like 1	ENSECAG00000019486
0.68	UXS1	UDP-glucuronate decarboxylase 1	ENSECAG00000015049
0.68	ASRGL1	asparaginase like 1	ENSECAG00000013093

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.68	CDCA5	cell division cycle associated 5	ENSECAG00000019578
0.68	POLR3E	polymerase (RNA) III (DNA directed) polypeptide E (80kD)	ENSECAG00000015801
0.68	SMAP2	small ArfGAP2	ENSECAG00000024413
0.68		Uncharacterized protein	ENSECAG00000013414
0.68	METTL21A	methyltransferase like 21A	ENSECAG00000017536
0.68	SMAD2	SMAD family member 2	ENSECAG00000015132
0.68	ACOX1	acyl-CoA oxidase 1, palmitoyl	ENSECAG00000022905
0.68	BRI3BP	BRI3 binding protein	ENSECAG00000015008
0.68	BLNK	B-cell linker	ENSECAG00000015745
0.68	PLP1	proteolipid protein 1	ENSECAG00000015446
0.68	ITFG2	integrin alpha FG-GAP repeat containing 2	ENSECAG00000010693
0.68	KDM4A	lysine (K)-specific demethylase 4A	ENSECAG00000018222
0.68	ELK1	ELK1, member of ETS oncogene family	ENSECAG00000008421
0.67	EP300	E1A binding protein p300	ENSECAG00000009327
0.67	CLN8	ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with mental retardation)	ENSECAG00000017137
0.67	SSB	Sjogren syndrome antigen B (autoantigen La)	ENSECAG00000018495
0.67	MB21D1	Mab-21 domain containing 1	ENSECAG00000019809
0.67	RPUSD1	RNA pseudouridylate synthase domain containing 1	ENSECAG00000022563
0.67	C15orf59	chromosome 15 open reading frame 59	ENSECAG00000001634
0.67	ZNF614	zinc finger protein 614	ENSECAG00000014668
0.67		Uncharacterized protein	ENSECAG00000011023
0.67	GPN2	GPN-loop GTPase 2	ENSECAG00000012403
0.67	BRF1	BRF1, RNA polymerase III transcription initiation factor 90 kDa subunit	ENSECAG00000018468
0.67	ITGAE	integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1, alpha polypeptide)	ENSECAG00000000897
0.67	RASGEF1B	RasGEF domain family, member 1B	ENSECAG00000020438
0.67	MED14	mediator complex subunit 14	ENSECAG00000014191
0.67	IL2RG	interleukin 2 receptor, gamma	ENSECAG00000016543
0.67	MOCS1	molybdenum cofactor synthesis 1	ENSECAG00000016924
0.67	NCOA6	nuclear receptor coactivator 6	ENSECAG00000011243

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.67	TRMT1L	tRNA methyltransferase 1 homolog (S. cerevisiae)-like	ENSECAG00000020999
0.67	MAML1	mastermind-like 1 (Drosophila)	ENSECAG00000024706
0.67	CKAP2L	cytoskeleton associated protein 2-like	ENSECAG00000021538
0.67	TSC2	tuberous sclerosis 2	ENSECAG00000021222
0.67	KLHDC8B	kelch domain containing 8B	ENSECAG00000020454
0.67	TIPIN	TIMELESS interacting protein	ENSECAG00000004590
0.67	MYO9B	myosin IXB	ENSECAG00000010919
0.67	NAA15	N(alpha)-acetyltransferase 15, NatA auxiliary subunit	ENSECAG00000019842
0.67	CDH3	cadherin 3, type 1, P-cadherin (placental)	ENSECAG00000009528
0.67	VWA5B2	von Willebrand factor A domain containing 5B2	ENSECAG00000011959
0.67	HOXD1	homeobox D1	ENSECAG00000022454
0.67	IGFLR1	IGF-like family receptor 1	ENSECAG00000017838
0.67	CCDC24	coiled-coil domain containing 24	ENSECAG00000024245
0.67	SHC4	SHC (Src homology 2 domain containing) family, member 4	ENSECAG00000015163
0.67	NUP133	nucleoporin 133kDa	ENSECAG00000020760
0.67	MMP20	matrix metalloproteinase 20	ENSECAG00000011739
0.67	KNSTRN	kinetochore-localized astrin/SPAG5 binding protein	ENSECAG00000010666
0.67		Uncharacterized protein	ENSECAG00000000870
0.67	SEC23A	Sec23 homolog A (S. cerevisiae)	ENSECAG00000014310
0.67	DGAT2	diacylglycerol O-acyltransferase 2	ENSECAG00000024847
0.67	GALNT11	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 11 (GalNAc-T11)	ENSECAG00000020636
0.67	ANO8	anoctamin 8	ENSECAG00000014273
0.67	RMDN1	regulator of microtubule dynamics 1	ENSECAG00000003312
0.67	EID3	EP300 interacting inhibitor of differentiation 3	ENSECAG00000006854
0.67	UPF2	UPF2 regulator of nonsense transcripts homolog (yeast)	ENSECAG00000017022
0.67		Uncharacterized protein	ENSECAG00000007112
0.67	CCNE2	cyclin E2	ENSECAG00000020270
0.67	LZTFL1	leucine zipper transcription factor-like 1	ENSECAG00000017243
0.67	UBN1	ubiquitin 1	ENSECAG00000019336

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.67	GJB6	gap junction protein, beta 6, 30kDa	ENSECAG00000001986
0.67	PROKR1	prokineticin receptor 1	ENSECAG000000012347
0.67	MKNK2	MAP kinase interacting serine/threonine kinase 2	ENSECAG000000025008
0.67	XRN2	5'-3' exoribonuclease 2	ENSECAG000000018988
0.66	CHERP	calcium homeostasis endoplasmic reticulum protein	ENSECAG000000012713
0.66	BRPF1	bromodomain and PHD finger containing, 1	ENSECAG000000021020
0.66	TPD52L1	tumor protein D52-like 1	ENSECAG000000010643
0.66	SURF6	surfeit 6	ENSECAG000000021229
0.66	CEP104	centrosomal protein 104kDa	ENSECAG000000021352
0.66	ZFP90	ZFP90 zinc finger protein	ENSECAG000000007748
0.66	KLHL26	kelch-like family member 26	ENSECAG000000008486
0.66	BOK	BCL2-related ovarian killer	ENSECAG000000000238
0.66	RGS19	regulator of G-protein signaling 19	ENSECAG000000007534
0.66	FAM208B	family with sequence similarity 208, member B	ENSECAG000000008819
0.66	EXTL3	exostosin-like glycosyltransferase 3	ENSECAG000000018661
0.66	ECHDC2	enoyl CoA hydratase domain containing 2	ENSECAG000000013217
0.66	DR1	down-regulator of transcription 1, TBP-binding (negative cofactor 2)	ENSECAG000000010209
0.66	SLC39A6	solute carrier family 39 (zinc transporter), member 6	ENSECAG000000008456
0.66			ENSECAG000000000067
0.66		Uncharacterized protein	ENSECAG000000008376
0.66	UBE3B	ubiquitin protein ligase E3B	ENSECAG000000008960
0.66	PTPN13	protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase)	ENSECAG000000015663
0.66	HYI	hydroxypyruvate isomerase (putative)	ENSECAG000000007811
0.66	SGPL1	sphingosine-1-phosphate lyase 1	ENSECAG000000016826
0.66	TACO1	translational activator of mitochondrially encoded cytochrome c oxidase I	ENSECAG000000014598
0.66			ENSECAG000000016573
0.66	SOX13	SRY (sex determining region Y)-box 13	ENSECAG000000012249
0.66	DHTKD1	dehydrogenase E1 and transketolase domain containing 1	ENSECAG000000009315
0.66		Uncharacterized protein	ENSECAG000000012973

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.66	PLEKHH1	pleckstrin homology domain containing, family H (with MyTH4 domain) member 1	ENSECAG00000022432
0.66	RRP12	ribosomal RNA processing 12 homolog (S. cerevisiae)	ENSECAG00000010892
0.66	FAM210A	family with sequence similarity 210, member A	ENSECAG00000007436
0.66	DNMT1	DNA (cytosine-5-)-methyltransferase 1	ENSECAG00000026909
0.66	SLC22A23	solute carrier family 22, member 23	ENSECAG00000013821
0.66	TMEM185B	transmembrane protein 185B	ENSECAG00000009399
0.66	TYK2	tyrosine kinase 2	ENSECAG00000020260
0.66	ENTPD3	ectonucleoside triphosphate diphosphohydrolase 3	ENSECAG00000017628
0.66	MCM2	minichromosome maintenance complex component 2	ENSECAG00000019631
0.66	NCAPH	non-SMC condensin I complex, subunit H	ENSECAG00000008634
0.66	WBP4	WW domain binding protein 4	ENSECAG00000021033
0.66	MMAB	methylmalonic aciduria (cobalamin deficiency) cblB type	ENSECAG00000000723
0.66	HDDC2	HD domain containing 2	ENSECAG00000012184
0.66	POLG	polymerase (DNA directed), gamma	ENSECAG00000007781
0.66	SIAE	sialic acid acetyltransferase	ENSECAG00000014040
0.66		Uncharacterized protein	ENSECAG00000002127
0.66	KRT17	keratin 17	ENSECAG00000016411
0.66	SAE1	SUMO1 activating enzyme subunit 1	ENSECAG00000002087
0.66		Uncharacterized protein	ENSECAG00000013431
0.66	HOXB5	homeobox B5	ENSECAG00000012439
0.66	DHX33	DEAH (Asp-Glu-Ala-His) box polypeptide 33	ENSECAG00000010272
0.65	TBC1D15	TBC1 domain family, member 15	ENSECAG00000006710
0.65	C16orf52	chromosome 16 open reading frame 52	ENSECAG00000020342
0.65	ZNF630	zinc finger protein 630	ENSECAG00000016949
0.65	TUFT1	tuftelin 1	ENSECAG00000011044
0.65	LIPC	lipase, hepatic	ENSECAG00000020896
0.65	HTATSF1	HIV-1 Tat specific factor 1	ENSECAG00000009156
0.65	C1orf116	chromosome 1 open reading frame 116	ENSECAG00000007901
0.65	PGAP3	post-GPI attachment to proteins 3	ENSECAG00000009141
0.65	ZNF584	zinc finger protein 584	ENSECAG00000016355

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.65	AKR1E2	aldo-keto reductase family 1, member E2	ENSECAG00000003554
0.65	CLPX	ClpX caseinolytic peptidase X homolog (E. coli)	ENSECAG000000016127
0.65	DBP	D site of albumin promoter (albumin D-box) binding protein	ENSECAG000000014275
0.65	GOLGB1	golgin B1	ENSECAG000000009513
0.65	DTX2	deltex homolog 2 (Drosophila)	ENSECAG000000018425
0.65	RWDD3	RWD domain containing 3	ENSECAG000000018873
0.65	OSBP2	oxysterol binding protein 2	ENSECAG000000015443
0.65	SCAMP4	secretory carrier membrane protein 4	ENSECAG000000008326
0.65	C1orf52	chromosome 1 open reading frame 52	ENSECAG000000025029
0.65	ZNF846	zinc finger protein 846	ENSECAG000000010361
0.65		Uncharacterized protein	ENSECAG000000008050
0.65	RIPK4	receptor-interacting serine-threonine kinase 4	ENSECAG000000008330
0.65	TRMT10A	tRNA methyltransferase 10 homolog A (S. cerevisiae)	ENSECAG000000012352
0.65	DESI1	desumoylating isopeptidase 1	ENSECAG000000011960
0.65	SCAF4	SR-related CTD-associated factor 4	ENSECAG000000014248
0.65	FOXM1	forkhead box M1	ENSECAG000000019129
0.65	HOXB6	homeobox B6	ENSECAG000000012850
0.65	TCAP	titin-cap	ENSECAG000000011860
0.65	B4GALT5	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5	ENSECAG000000022249
0.65	EPHB4	EPH receptor B4	ENSECAG000000010632
0.65	MTDH	metadherin	ENSECAG000000010986
0.65	INTS1	integrator complex subunit 1	ENSECAG000000010792
0.65	UBE2K	ubiquitin-conjugating enzyme E2K	ENSECAG000000014586
0.65	ACAD9	acyl-CoA dehydrogenase family, member 9	ENSECAG000000005530
0.65	IRX5	iroquois homeobox 5	ENSECAG000000023545
0.65	BPIFC	BPI fold containing family C	ENSECAG000000024388
0.65	CDKN2D	cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)	ENSECAG000000011219
0.65	KLHL11	kelch-like family member 11	ENSECAG000000021494
0.65	HSPA1L	heat shock 70kDa protein 1-like	ENSECAG000000000841
0.65		Uncharacterized protein	ENSECAG000000024892

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.65	LPHN2	latrophilin-2	ENSECAG00000024824
0.65	BRD3	bromodomain containing 3	ENSECAG00000021276
0.65	WBSCR27	Williams Beuren syndrome chromosome region 27	ENSECAG00000009027
0.65	NOL12	nucleolar protein 12	ENSECAG00000011050
0.65	PHLDB1	pleckstrin homology-like domain, family B, member 1	ENSECAG00000024225
0.65	CENPW	centromere protein W	ENSECAG00000020174
0.65	FPGS	folylpolyglutamate synthase	ENSECAG00000013074
0.65	ETS2	v-ets avian erythroblastosis virus E26 oncogene homolog 2	ENSECAG00000021269
0.65	NUDT4	nudix (nucleoside diphosphate linked moiety X)-type motif 4	ENSECAG00000019319
0.65	RBM28	RNA binding motif protein 28	ENSECAG00000007745
0.65	WAC	WW domain containing adaptor with coiled-coil	ENSECAG00000005374
0.65	CDCA8	cell division cycle associated 8	ENSECAG00000015871
0.65	HCFC1	host cell factor C1 (VP16-accessory protein)	ENSECAG00000022440
0.65	HCLS1	hematopoietic cell-specific Lyn substrate 1	ENSECAG00000015460
0.65	ZNF839	zinc finger protein 839	ENSECAG00000017856
0.64	ORMDL1	ORM1-like 1 (S. cerevisiae)	ENSECAG00000013119
0.64	INSIG1	insulin induced gene 1	ENSECAG00000020022
0.64	UBE2E3	ubiquitin-conjugating enzyme E2E 3	ENSECAG00000007233
0.64	ADCK2	aarF domain containing kinase 2	ENSECAG00000023917
0.64	PDCD11	programmed cell death 11	ENSECAG00000020507
0.64	PTDSS1	phosphatidylserine synthase 1	ENSECAG00000016050
0.64		Uncharacterized protein	ENSECAG00000017424
0.64	SPPL3	signal peptide peptidase like 3	ENSECAG00000007377
0.64	NID1	nidogen 1	ENSECAG00000016615
0.64	TRAPPC13	trafficking protein particle complex 13	ENSECAG00000011983
0.64	TBCA	tubulin folding cofactor A	ENSECAG00000009383
0.64	KRT5	keratin 5	ENSECAG00000020157
0.64	MEF2BNB	MEF2B neighbor	ENSECAG00000007592
0.64	ELK4	ELK4, ETS-domain protein (SRF accessory protein 1)	ENSECAG00000006540
0.64	TOE1	target of EGR1, member 1 (nuclear)	ENSECAG00000023204

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.64	ZNF142	zinc finger protein 142	ENSECAG00000017751
0.64	ZYG11B	zyg-11 family member B, cell cycle regulator	ENSECAG00000011103
0.64	NEDD9	neural precursor cell expressed, developmentally down-regulated 9	ENSECAG00000005814
0.64	RNF185	ring finger protein 185	ENSECAG00000025039
0.64		Oxysterol-binding protein	ENSECAG00000017935
0.64			ENSECAG00000009216
0.64	PKIA	protein kinase (cAMP-dependent, catalytic) inhibitor alpha	ENSECAG00000022342
0.64	LIG1	ligase I, DNA, ATP-dependent	ENSECAG00000015424
0.64	SPR	sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidoreductase)	ENSECAG00000018793
0.64	BHLHA15	basic helix-loop-helix family, member a15	ENSECAG00000012532
0.64		Uncharacterized protein	ENSECAG00000004192
0.64	SDE2	SDE2 telomere maintenance homolog (S. pombe)	ENSECAG00000008052
0.64	SMEK2	SMEK homolog 2, suppressor of mek1 (Dictyostelium)	ENSECAG00000013819
0.64	ACAP1	ArfGAP with coiled-coil, ankyrin repeat and PH domains 1	ENSECAG00000014119
0.64	ARHGAP18	Rho GTPase activating protein 18	ENSECAG00000024764
0.64	STK40	serine/threonine kinase 40	ENSECAG00000015678
0.64	PALB2	partner and localizer of BRCA2	ENSECAG00000008391
0.64	NLE1	notchless homolog 1 (Drosophila)	ENSECAG00000011072
0.64	LOXL1	lysyl oxidase-like 1	ENSECAG00000023405
0.64	XRCC6BP1	XRCC6 binding protein 1	ENSECAG00000019876
0.64	RBM18	RNA binding motif protein 18	ENSECAG00000024639
0.64	BROX	BRO1 domain and CAAX motif containing	ENSECAG00000018547
0.64	NUDT12	nudix (nucleoside diphosphate linked moiety X)-type motif 12	ENSECAG00000015093
0.64	CTPS1	CTP synthase 1	ENSECAG00000010772
0.64		Uncharacterized protein	ENSECAG00000014648
0.64	PUS7	pseudouridylate synthase 7 homolog (S. cerevisiae)	ENSECAG00000011144
0.64	WWP1	WW domain containing E3 ubiquitin protein ligase 1	ENSECAG00000008529
0.64	MAPK11	mitogen-activated protein kinase 11	ENSECAG00000004780
0.63	ANKRD13D	ankyrin repeat domain 13 family, member D	ENSECAG00000007911
0.63	CCDC43	coiled-coil domain containing 43	ENSECAG00000016088

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.63	PBK	PDZ binding kinase	ENSECAG00000013223
0.63	SVEP1	sushi, von Willebrand factor type A, EGF and pentraxin domain containing 1	ENSECAG00000021653
0.63	MDM2	MDM2 oncogene, E3 ubiquitin protein ligase	ENSECAG00000013604
0.63	CAST	calpastatin	ENSECAG00000013676
0.63			ENSECAG00000016405
0.63	41700	membrane-associated ring finger (C3HC4) 2, E3 ubiquitin protein ligase	ENSECAG00000025028
0.63	TMCO3	transmembrane and coiled-coil domains 3	ENSECAG00000009685
0.63		Uncharacterized protein	ENSECAG00000016771
0.63	HELLS	helicase, lymphoid-specific	ENSECAG00000018810
0.63		Uncharacterized protein	ENSECAG00000011040
0.63	CCDC104	coiled-coil domain containing 104	ENSECAG00000023883
0.63	IL17RA	interleukin 17 receptor A	ENSECAG00000017077
0.63	41704	membrane-associated ring finger (C3HC4) 6, E3 ubiquitin protein ligase	ENSECAG00000012069
0.63	ZC3H14	zinc finger CCCH-type containing 14	ENSECAG00000013214
0.63	LMBRD1	LMBR1 domain containing 1	ENSECAG00000018412
0.63			ENSECAG00000020371
0.63	RFC5	replication factor C (activator 1) 5, 36.5kDa	ENSECAG00000015326
0.63	ATP11B	ATPase, class VI, type 11B	ENSECAG00000016912
0.63	NR1H3	nuclear receptor subfamily 1, group H, member 3	ENSECAG00000015726
0.63	TRAPPC10	trafficking protein particle complex 10	ENSECAG00000015123
0.63	MBIP	MAP3K12 binding inhibitory protein 1	ENSECAG00000022491
0.63	TSPYL2	TSPY-like 2	ENSECAG00000005556
0.63	ZNF594	zinc finger protein 594	ENSECAG00000016375
0.63	SCAF8	SR-related CTD-associated factor 8	ENSECAG00000005540
0.63	SLC1A5	solute carrier family 1 (neutral amino acid transporter), member 5	ENSECAG00000011637
0.63	FN3KRP	fructosamine 3 kinase related protein	ENSECAG00000013625
0.63	CTTNBP2NL	CTTNBP2 N-terminal like	ENSECAG00000010817
0.63	FNDC5	fibronectin type III domain containing 5	ENSECAG00000019210
0.63	PRPF6	pre-mRNA processing factor 6	ENSECAG00000013983
0.63	UBE2D2	ubiquitin-conjugating enzyme E2D 2	ENSECAG00000026911

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.63	SCAMP5	secretory carrier membrane protein 5	ENSECAG00000021070
0.63	CDAN1	codanin 1	ENSECAG00000015154
0.63	POLA2	polymerase (DNA directed), alpha 2, accessory subunit	ENSECAG00000024194
0.63	RFFL	ring finger and FYVE-like domain containing E3 ubiquitin protein ligase	ENSECAG00000015502
0.63	ABHD14A	abhydrolase domain containing 14A	ENSECAG00000021312
0.63	DDX46	DEAD (Asp-Glu-Ala-Asp) box polypeptide 46	ENSECAG00000018217
0.63	CDC42BPB	CDC42 binding protein kinase beta (DMPK-like)	ENSECAG00000021040
0.63	ACSS2	acyl-CoA synthetase short-chain family member 2	ENSECAG00000016389
0.63	CLCN7	chloride channel, voltage-sensitive 7	ENSECAG00000023236
0.63	CD34	CD34 molecule	ENSECAG00000024973
0.63	PROC	protein C (inactivator of coagulation factors Va and VIIIa)	ENSECAG00000016570
0.63	SETD1A	SET domain containing 1A	ENSECAG00000015162
0.63	ESPL1	extra spindle pole bodies homolog 1 (S. cerevisiae)	ENSECAG00000022722
0.63	C3orf33	chromosome 3 open reading frame 33	ENSECAG00000022331
0.63	CMTM8	CKLF-like MARVEL transmembrane domain containing 8	ENSECAG00000017450
0.63	B4GALNT3	beta-1,4-N-acetyl-galactosaminyl transferase 3	ENSECAG00000014031
0.63	MINK1	misshapen-like kinase 1	ENSECAG00000008680
0.63		Uncharacterized protein	ENSECAG00000002205
0.63	CCNK	cyclin K	ENSECAG00000018765
0.63	SMC1A	structural maintenance of chromosomes 1A	ENSECAG00000019776
0.63	RBM45	RNA binding motif protein 45	ENSECAG00000017129
0.63	SNRNP40	small nuclear ribonucleoprotein 40kDa (U5)	ENSECAG00000006955
0.62	ZNF629	zinc finger protein 629	ENSECAG00000008521
0.62	DHX8	DEAH (Asp-Glu-Ala-His) box polypeptide 8	ENSECAG00000019601
0.62	C9orf96	chromosome 9 open reading frame 96	ENSECAG00000022240
0.62	TRIM41	tripartite motif containing 41	ENSECAG00000007555
0.62	SETD3	SET domain containing 3	ENSECAG00000000479
0.62	IDE	insulin-degrading enzyme	ENSECAG00000010646
0.62		Uncharacterized protein	ENSECAG00000006552
0.62	RBCK1	RanBP-type and C3HC4-type zinc finger containing 1	ENSECAG00000018193

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.62	STAM2	signal transducing adaptor molecule (SH3 domain and ITAM motif) 2	ENSECAG00000021355
0.62	RIN1	Ras and Rab interactor 1	ENSECAG00000010395
0.62	NUP54	nucleoporin 54kDa	ENSECAG00000025004
0.62	AKT2	v-akt murine thymoma viral oncogene homolog 2	ENSECAG00000008005
0.62	TTC32	tetratricopeptide repeat domain 32	ENSECAG00000013048
0.62	HPS5	Hermansky-Pudlak syndrome 5	ENSECAG00000015720
0.62	FAM213B	family with sequence similarity 213, member B	ENSECAG00000008177
0.62			ENSECAG00000008854
0.62	SIRT2	sirtuin 2	ENSECAG00000023223
0.62	DTWD1	DTW domain containing 1	ENSECAG00000012316
0.62	THG1L	tRNA-histidine guanylyltransferase 1-like (S. cerevisiae)	ENSECAG00000013378
0.62	CHAF1B	chromatin assembly factor 1, subunit B (p60)	ENSECAG00000000895
0.62	ZBED2	zinc finger, BED-type containing 2	ENSECAG00000001371
0.62	NOP58	NOP58 ribonucleoprotein	ENSECAG00000024696
0.62		Uncharacterized protein	ENSECAG00000015120
0.62	ZFYVE16	zinc finger, FYVE domain containing 16	ENSECAG00000013918
0.62	ZHX1	zinc fingers and homeoboxes 1	ENSECAG00000023451
0.62	NKAPL	NFKB activating protein-like	ENSECAG00000006136
0.62	POMT1	protein-O-mannosyltransferase 1	ENSECAG00000024533
0.62	COPS7B	COP9 signalosome subunit 7B	ENSECAG00000019139
0.62	RNF4	ring finger protein 4	ENSECAG00000002176
0.62	NKAP	NFKB activating protein	ENSECAG00000021142
0.62	ENTPD5	ectonucleoside triphosphate diphosphohydrolase 5	ENSECAG00000013212
0.62	TAF8	TAF8 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 43kDa	ENSECAG00000024276
0.62	ABCD4	ATP-binding cassette, sub-family D (ALD), member 4	ENSECAG00000000282
0.62	FNDC3A	fibronectin type III domain containing 3A	ENSECAG00000023697
0.62	BUB1	BUB1 mitotic checkpoint serine/threonine kinase	ENSECAG00000017103
0.62	GLE1	GLE1 RNA export mediator	ENSECAG00000010980
0.62	DCTN4	dynactin 4 (p62)	ENSECAG00000011275
0.62	IL15RA	interleukin 15 receptor, alpha	ENSECAG00000006776

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.62	ZCCHC8	zinc finger, CCHC domain containing 8	ENSECAG00000006984
0.62	CHMP1B	charged multivesicular body protein 1B	ENSECAG00000018625
0.62	CXCL12	chemokine (C-X-C motif) ligand 12	ENSECAG00000019551
0.62			ENSECAG00000000155
0.61	ZSCAN31	zinc finger and SCAN domain containing 31	ENSECAG00000010345
0.61	MED16	mediator complex subunit 16	ENSECAG00000021059
0.61	CDH2	cadherin 2, type 1, N-cadherin (neuronal)	ENSECAG00000009663
0.61	ASTE1	asteroid homolog 1 (Drosophila)	ENSECAG00000014026
0.61	APBB3	amyloid beta (A4) precursor protein-binding, family B, member 3	ENSECAG00000003436
0.61	RNF130	ring finger protein 130	ENSECAG00000007222
0.61	SLC35G1	solute carrier family 35, member G1	ENSECAG00000024593
0.61	TPPP2	tubulin polymerization-promoting protein family member 2	ENSECAG00000018807
0.61	FCGRT	Fc fragment of IgG, receptor, transporter, alpha	ENSECAG00000002855
0.61	TAF5	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa	ENSECAG00000005853
0.61	PGAP2	post-GPI attachment to proteins 2	ENSECAG00000021514
0.61	TFB2M	transcription factor B2, mitochondrial	ENSECAG00000016462
0.61		Uncharacterized protein	ENSECAG00000018804
0.61	ATP6V0A2	ATPase, H ⁺ transporting, lysosomal V0 subunit a2	ENSECAG00000024587
0.61	HEATR6	HEAT repeat containing 6	ENSECAG00000018925
0.61			ENSECAG00000017438
0.61	SLMO2	slowmo homolog 2 (Drosophila)	ENSECAG00000000513
0.61	VWA9	von Willebrand factor A domain containing 9	ENSECAG00000018884
0.61	TRNAU1AP	tRNA selenocysteine 1 associated protein 1	ENSECAG00000012980
0.61	EAF1	ELL associated factor 1	ENSECAG00000024360
0.61	GPR37	G protein-coupled receptor 37 (endothelin receptor type B-like)	ENSECAG00000008565
0.61	TRADD	TNFRSF1A-associated via death domain	ENSECAG00000013754
0.61	DIS3	DIS3 mitotic control homolog (S. cerevisiae)	ENSECAG00000023994
0.61	RPS6KA3	ribosomal protein S6 kinase, 90kDa, polypeptide 3	ENSECAG00000011322
0.61	RIPK1	receptor (TNFRSF)-interacting serine-threonine kinase 1	ENSECAG00000010293

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.61	GPATCH3	G patch domain containing 3	ENSECAG00000007653
0.61	PTDSS2	phosphatidylserine synthase 2	ENSECAG000000021925
0.61	DDX6	DEAD (Asp-Glu-Ala-Asp) box helicase 6	ENSECAG00000000539
0.61	RAB2B	RAB2B, member RAS oncogene family	ENSECAG00000006219
0.61	COLEC12	collectin sub-family member 12	ENSECAG000000018963
0.61	ZNF572	zinc finger protein 572	ENSECAG000000012206
0.61	LYAR	Ly1 antibody reactive	ENSECAG000000012794
0.61	POLR1B	polymerase (RNA) I polypeptide B, 128kDa	ENSECAG000000010062
0.61	FAM58A	family with sequence similarity 58, member A	ENSECAG000000026922
0.61	TBP	TATA box binding protein	ENSECAG000000008516
0.61	WDR43	WD repeat domain 43	ENSECAG000000023777
0.61	TP53INP2	tumor protein p53 inducible nuclear protein 2	ENSECAG000000011160
0.61	URM1	ubiquitin related modifier 1	ENSECAG000000013844
0.61	SNORD100	Small nucleolar RNA SNORD100	ENSECAG000000025630
0.61	ITGB1BP1	integrin beta 1 binding protein 1	ENSECAG000000024193
0.61			ENSECAG000000012714
0.61	ARHGAP5	Rho GTPase activating protein 5	ENSECAG000000017271
0.61	FBXO30	F-box protein 30	ENSECAG000000017034
0.61	CTBP2	C-terminal binding protein 2	ENSECAG000000022504
0.60	UPRT	uracil phosphoribosyltransferase (FUR1) homolog (S. cerevisiae)	ENSECAG000000015489
0.60	CCDC134	coiled-coil domain containing 134	ENSECAG000000020771
0.60	TTC1	tetratricopeptide repeat domain 1	ENSECAG000000006769
0.60	HERC4	HECT and RLD domain containing E3 ubiquitin protein ligase 4	ENSECAG000000015733
0.60	RAD50	RAD50 homolog (S. cerevisiae)	ENSECAG000000010922
0.60	KDM3B	lysine (K)-specific demethylase 3B	ENSECAG000000018062
0.60	PLIN3	perilipin 3	ENSECAG000000009572
0.60	ASXL1	additional sex combs like 1 (Drosophila)	ENSECAG000000022110
0.60			ENSECAG000000020905
0.60	GRPEL2	GrpE-like 2, mitochondrial (E. coli)	ENSECAG000000009449
0.60	TMEM27	transmembrane protein 27	ENSECAG000000019605

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.60	SLAIN2	SLAIN motif family, member 2	ENSECAG00000023466
0.60	CD276	CD276 molecule	ENSECAG00000004386
0.60	PRICKLE1	prickle homolog 1 (Drosophila)	ENSECAG00000018874
0.60		Uncharacterized protein	ENSECAG00000024058
0.60	CASK	calcium/calmodulin-dependent serine protein kinase (MAGUK family)	ENSECAG00000013894
0.60	SUCO	SUN domain containing ossification factor	ENSECAG00000000971
0.60	EXTL2	exostosin-like glycosyltransferase 2	ENSECAG00000016110
0.60	SPTLC1	serine palmitoyltransferase, long chain base subunit 1	ENSECAG00000020998
0.60	KIAA0895L	KIAA0895-like	ENSECAG00000024529
0.60	CTF1	cardiotrophin 1	ENSECAG00000000432
0.60	LMAN2L	lectin, mannose-binding 2-like	ENSECAG00000013850
0.60			ENSECAG00000009207
0.60		Uncharacterized protein	ENSECAG00000015496
0.60	CHORDC1	cysteine and histidine-rich domain (CHORD) containing 1	ENSECAG00000008999
0.60	ITIH4	inter-alpha-trypsin inhibitor heavy chain family, member 4	ENSECAG00000002111
0.60			ENSECAG00000019654
0.60	KIAA1958	KIAA1958	ENSECAG00000007934
0.60	WDR36	WD repeat domain 36	ENSECAG00000017001
0.60	WASL	Wiskott-Aldrich syndrome-like	ENSECAG00000015578
0.60	ARNT	aryl hydrocarbon receptor nuclear translocator	ENSECAG00000009602
0.60	UROS	uroporphyrinogen III synthase	ENSECAG00000017285
0.60	TMEM54	transmembrane protein 54	ENSECAG00000014501
0.60	PRPF40B	PRP40 pre-mRNA processing factor 40 homolog B (S. cerevisiae)	ENSECAG00000020691
0.60	SMTN	smoothelin	ENSECAG00000017371
0.60	SYNC	syncollin, intermediate filament protein	ENSECAG00000021938
0.60	SNX18	sorting nexin 18	ENSECAG00000014364
0.60			ENSECAG00000007316
0.60	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	ENSECAG00000024911
0.60		Uncharacterized protein	ENSECAG00000023986
0.60	FAM118A	family with sequence similarity 118, member A	ENSECAG00000012260

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.60	PPP1R2	protein phosphatase 1, regulatory (inhibitor) subunit 2	ENSECAG00000018050
0.60			ENSECAG00000014572
0.60	DPH1	diphthamide biosynthesis 1	ENSECAG00000024435
0.60	NEO1	neogenin 1	ENSECAG00000024743
0.60	HYAL3	hyaluronoglucosaminidase 3	ENSECAG00000018117
0.60	ACP6	acid phosphatase 6, lysophosphatidic	ENSECAG00000022581
0.60	LETMD1	LETM1 domain containing 1	ENSECAG00000014209
0.60	ETAA1	Ewing tumor-associated antigen 1	ENSECAG00000006358
0.60	MAU2	MAU2 chromatid cohesion factor homolog (C. elegans)	ENSECAG00000001359
0.60	ZNF555	zinc finger protein 555	ENSECAG00000020559
0.59	MSX1	msh homeobox 1	ENSECAG00000020619
0.59	CDC42EP1	CDC42 effector protein (Rho GTPase binding) 1	ENSECAG00000007139
0.59	ENO3	enolase 3 (beta, muscle)	ENSECAG00000020400
0.59		Uncharacterized protein	ENSECAG00000002827
0.59	NXPE3	neurexophilin and PC-esterase domain family, member 3	ENSECAG000000021396
0.59	SNORD116	Small nucleolar RNA SNORD116	ENSECAG00000026051
0.59	TNK2	tyrosine kinase, non-receptor, 2	ENSECAG00000001441
0.59	41888	septin 6	ENSECAG00000023315
0.59	POLM	polymerase (DNA directed), mu	ENSECAG00000013117
0.59	GOLIM4	golgi integral membrane protein 4	ENSECAG00000016693
0.59	TRIP13	thyroid hormone receptor interactor 13	ENSECAG00000018918
0.59		Uncharacterized protein	ENSECAG00000013923
0.59	OGDHL	oxoglutarate dehydrogenase-like	ENSECAG00000002917
0.59	STK24	serine/threonine kinase 24	ENSECAG00000007682
0.59	MIS18A	MIS18 kinetochore protein homolog A (S. pombe)	ENSECAG00000010326
0.59	PWWP2B	PWWP domain containing 2B	ENSECAG00000002362
0.59	GUF1	GUF1 GTPase homolog (S. cerevisiae)	ENSECAG00000019296
0.59	NUP107	nucleoporin 107kDa	ENSECAG00000007483
0.59	TUBA8	tubulin, alpha 8	ENSECAG00000013982
0.59	TMEM222	transmembrane protein 222	ENSECAG00000023706

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.59	COX18	COX18 cytochrome C oxidase assembly factor	ENSECAG00000017173
0.59	MUM1	melanoma associated antigen (mutated) 1	ENSECAG00000022936
0.59	MRS2	MRS2 magnesium transporter	ENSECAG00000013105
0.59	METTL13	methyltransferase like 13	ENSECAG00000018565
0.59	MAPK14	mitogen-activated protein kinase 14	ENSECAG00000014175
0.59	LYSMD3	LysM, putative peptidoglycan-binding, domain containing 3	ENSECAG00000024495
0.59	MAFF	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog F	ENSECAG00000024254
0.59	LMO2	LIM domain only 2 (rhombotin-like 1)	ENSECAG00000007061
0.59	SHISA2	shisa homolog 2 (Xenopus laevis)	ENSECAG00000013207
0.59	SNIP1	Smad nuclear interacting protein 1	ENSECAG00000021869
0.59	LRRC73	leucine rich repeat containing 73	ENSECAG00000015814
0.59	ZNF362	zinc finger protein 362	ENSECAG00000021304
0.59	RPL12	ribosomal protein L12	ENSECAG00000024736
0.59	TBC1D23	TBC1 domain family, member 23	ENSECAG00000024168
0.59	FAM193B	family with sequence similarity 193, member B	ENSECAG00000024626
0.59	DIDO1	death inducer-obliterator 1	ENSECAG00000007150
0.59	TNFAIP8L1	tumor necrosis factor, alpha-induced protein 8-like 1	ENSECAG00000001547
0.59	HYKK	hydroxylysine kinase	ENSECAG00000007552
0.59	DUSP8	dual specificity phosphatase 8	ENSECAG00000020705
0.59	CIR1	corepressor interacting with RBPJ, 1	ENSECAG00000006773
0.59	EXOC5	exocyst complex component 5	ENSECAG00000008168
0.59	TMEM173	transmembrane protein 173	ENSECAG00000017396
0.59	GMIP	GEM interacting protein	ENSECAG00000011647
0.59	LAPTM4B	lysosomal protein transmembrane 4 beta	ENSECAG00000020137
0.59	OGFOD2	2-oxoglutarate and iron-dependent oxygenase domain containing 2	ENSECAG00000022293
0.59	HMGXB3	HMG box domain containing 3	ENSECAG00000015743
0.59	ZNF34	zinc finger protein 34	ENSECAG00000001625
0.59	GHR	growth hormone receptor	ENSECAG00000002986
0.58		Uncharacterized protein	ENSECAG00000021005
0.58	TRAPPC11	trafficking protein particle complex 11	ENSECAG00000015348

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.58	STAT3	signal transducer and activator of transcription 3 (acute-phase response factor)	ENSECAG00000016439
0.58	ZDHC7	zinc finger, DHHC-type containing 7	ENSECAG00000009984
0.58		Uncharacterized protein	ENSECAG000000013054
0.58	FMO2	flavin containing monooxygenase 2 (non-functional)	ENSECAG000000020768
0.58	FLNC	filamin C, gamma	ENSECAG000000010052
0.58		Uncharacterized protein	ENSECAG000000020991
0.58	PRPH	peripherin	ENSECAG000000010432
0.58	CSNK2A1	casein kinase 2, alpha 1 polypeptide	ENSECAG000000007532
0.58	TRAPPC6B	trafficking protein particle complex 6B	ENSECAG000000011881
0.58	SMAD4	SMAD family member 4	ENSECAG000000017857
0.58	MICALL1	MICAL-like 1	ENSECAG000000016043
0.58	ITGB7	integrin, beta 7	ENSECAG000000013502
0.58	TSPAN1	tetraspanin 1	ENSECAG000000022305
0.58	MARK3	MAP/microtubule affinity-regulating kinase 3	ENSECAG000000016955
0.58	TRIM24	tripartite motif containing 24	ENSECAG000000021957
0.58	MRPS6	mitochondrial ribosomal protein S6	ENSECAG000000012603
0.58	B9D1	B9 protein domain 1	ENSECAG000000013639
0.58	ENOS	Nitric oxide synthase	ENSECAG000000024562
0.58	CDH11	cadherin-11	ENSECAG000000008823
0.58	EME1	essential meiotic structure-specific endonuclease 1	ENSECAG000000017079
0.58	WDR73	WD repeat domain 73	ENSECAG000000008151
0.58	ALS2CL	ALS2 C-terminal like	ENSECAG000000007330
0.58	PDCD7	programmed cell death 7	ENSECAG000000026989
0.58	TSTD2	thiosulfate sulfurtransferase (rhodanese)-like domain containing 2	ENSECAG000000012265
0.58	UBE2D1	ubiquitin-conjugating enzyme E2 D1	ENSECAG000000009409
0.58	COPZ2	coatamer protein complex, subunit zeta 2	ENSECAG000000024471
0.58	GINS1	GINS complex subunit 1 (Psf1 homolog)	ENSECAG000000026939
0.58	MAP2K3	mitogen-activated protein kinase kinase 3	ENSECAG000000022242
0.58	URB2	URB2 ribosome biogenesis 2 homolog (S. cerevisiae)	ENSECAG000000012338
0.58	LYRM2	LYR motif containing 2	ENSECAG000000026899

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.58	BSPRY	B-box and SPRY domain containing	ENSECAG00000012440
0.58	TNIP1	TNFAIP3 interacting protein 1	ENSECAG00000010862
0.58	USP8	ubiquitin specific peptidase 8	ENSECAG00000006611
0.58	ZNF865	zinc finger protein 865	ENSECAG00000022619
0.58	FAM65B	family with sequence similarity 65, member B	ENSECAG00000011553
0.58	IGDCC3	immunoglobulin superfamily, DCC subclass, member 3	ENSECAG00000024763
0.58	TBK1	TANK-binding kinase 1	ENSECAG00000020820
0.58	GATA6	GATA binding protein 6	ENSECAG00000023279
0.58	GTPBP1	GTP binding protein 1	ENSECAG00000018027
0.58	ANGEL2	angel homolog 2 (Drosophila)	ENSECAG00000010723
0.58	UBTD2	ubiquitin domain containing 2	ENSECAG00000015287
0.58	CRYZL1	crystallin, zeta (quinone reductase)-like 1	ENSECAG00000010985
0.57	USP4	ubiquitin specific peptidase 4 (proto-oncogene)	ENSECAG00000018624
0.57	C11orf70	chromosome 11 open reading frame 70	ENSECAG00000008152
0.57	RXRA	retinoid X receptor, alpha	ENSECAG00000019365
0.57	TADA1	transcriptional adaptor 1	ENSECAG00000009640
0.57			ENSECAG00000011291
0.57	TTC4	tetratricopeptide repeat domain 4	ENSECAG00000007927
0.57	ZNF71	zinc finger protein 71	ENSECAG00000001608
0.57	RPP25	ribonuclease P/MRP 25kDa subunit	ENSECAG00000003353
0.57	C17orf75	chromosome 17 open reading frame 75	ENSECAG00000001756
0.57	ZNF326	zinc finger protein 326	ENSECAG00000010425
0.57	NUDT7	nudix (nucleoside diphosphate linked moiety X)-type motif 7	ENSECAG00000009401
0.57	GEMIN8	gem (nuclear organelle) associated protein 8	ENSECAG00000010665
0.57	ADAT2	adenosine deaminase, tRNA-specific 2	ENSECAG00000008321
0.57	ZNF35	zinc finger protein 35	ENSECAG00000011523
0.57	PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1	ENSECAG00000022169
0.57	DHX40	DEAH (Asp-Glu-Ala-His) box polypeptide 40	ENSECAG00000018606
0.57	PLS1	plastin 1	ENSECAG00000014408
0.57	TATDN1	TatD DNase domain containing 1	ENSECAG00000011179

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.57	IRX1	iroquois homeobox 1	ENSECAG00000015273
0.57	CCDC174	coiled-coil domain containing 174	ENSECAG00000000540
0.57	ELOVL6	ELOVL fatty acid elongase 6	ENSECAG00000010720
0.57	ANKRD37	ankyrin repeat domain 37	ENSECAG00000010858
0.57	FAM105A	family with sequence similarity 105, member A	ENSECAG00000017059
0.57	MAP10	microtubule-associated protein 10	ENSECAG00000007746
0.57	CDH24	cadherin 24, type 2	ENSECAG00000019730
0.57	PRODH	proline dehydrogenase (oxidase) 1	ENSECAG00000026825
0.57		Uncharacterized protein	ENSECAG00000016381
0.57	DNAJC10	DnaJ (Hsp40) homolog, subfamily C, member 10	ENSECAG00000010084
0.57	CBLN3	cerebellin 3 precursor	ENSECAG00000013984
0.57	FAM210B	family with sequence similarity 210, member B	ENSECAG00000023915
0.57	PRAF2	PRA1 domain family, member 2	ENSECAG00000000285
0.57	CFLAR	CASP8 and FADD-like apoptosis regulator	ENSECAG00000021300
0.57	TAB1	TGF-beta activated kinase 1/MAP3K7 binding protein 1	ENSECAG00000017245
0.57	RCAN1	regulator of calcineurin 1	ENSECAG00000014787
0.57		Uncharacterized protein	ENSECAG00000021649
0.57	FEM1C	fem-1 homolog c (C. elegans)	ENSECAG00000014199
0.57	TMEM138	transmembrane protein 138	ENSECAG00000018278
0.57	C1orf173	chromosome 1 open reading frame 173	ENSECAG00000010486
0.56	METTL14	methyltransferase like 14	ENSECAG00000021458
0.56	CTC1	CTS telomere maintenance complex component 1	ENSECAG00000014633
0.56	NUB1	negative regulator of ubiquitin-like proteins 1	ENSECAG00000022109
0.56	TMEM43	transmembrane protein 43	ENSECAG00000005661
0.56	PRDM4	PR domain containing 4	ENSECAG00000015423
0.56		Uncharacterized protein	ENSECAG00000004993
0.56	KANK1	KN motif and ankyrin repeat domains 1	ENSECAG00000016219
0.56	ACAD8	acyl-CoA dehydrogenase family, member 8	ENSECAG00000011007
0.56	HNF1B	HNF1 homeobox B	ENSECAG00000015854
0.56	ASCC2	activating signal cointegrator 1 complex subunit 2	ENSECAG00000023271

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.56	NUPL1	nucleoporin like 1	ENSECAG00000015901
0.56	KALRN	kalirin, RhoGEF kinase	ENSECAG00000019993
0.56	ANKRD10	ankyrin repeat domain 10	ENSECAG00000017363
0.56	DET1	de-etiolated homolog 1 (Arabidopsis)	ENSECAG00000021247
0.56	TCERG1	transcription elongation regulator 1	ENSECAG00000009936
0.56	CCDC12	coiled-coil domain containing 12	ENSECAG00000008649
0.56	THAP4	THAP domain containing 4	ENSECAG00000000252
0.56	PACS2	phosphofurin acidic cluster sorting protein 2	ENSECAG00000005752
0.56		Uncharacterized protein	ENSECAG00000002392
0.56	KRIT1	KRIT1, ankyrin repeat containing	ENSECAG00000016850
0.56	HDAC7	histone deacetylase 7	ENSECAG00000020424
0.56	KCTD10	potassium channel tetramerization domain containing 10	ENSECAG00000019560
0.56	AGL	glycogen debranching enzyme	ENSECAG00000010571
0.56	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENSECAG00000002570
0.56	RPAP3	RNA polymerase II associated protein 3	ENSECAG00000020050
0.56	C4orf46	chromosome 4 open reading frame 46	ENSECAG00000026866
0.56	XRCC5	X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining)	ENSECAG00000015940
0.56	PARVA	parvin, alpha	ENSECAG00000005460
0.56	PSKH1	protein serine kinase H1	ENSECAG00000009670
0.56	KLHL13	kelch-like family member 13	ENSECAG00000008237
0.56	HIST1H1C	histone cluster 1, H1c	ENSECAG00000024980
0.56	ACYP1	acylphosphatase 1, erythrocyte (common) type	ENSECAG00000017287
0.56	KDM3A	lysine (K)-specific demethylase 3A	ENSECAG00000007369
0.56	RWDD4	RWD domain containing 4	ENSECAG00000011336
0.56			ENSECAG00000014798
0.56	SLC4A1AP	solute carrier family 4 (anion exchanger), member 1, adaptor protein	ENSECAG00000024129
0.56	TPP2	tripeptidyl peptidase II	ENSECAG00000000631
0.55	TRNT1	tRNA nucleotidyl transferase, CCA-adding, 1	ENSECAG00000014420
0.55			ENSECAG00000024966

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.55	CXCL6	C-X-C motif chemokine 6 precursor	ENSECAG00000012742
0.55	ZDHC2	zinc finger, DHHC-type containing 2	ENSECAG00000014490
0.55	SNORD19B	Small nucleolar RNA SNORD19B	ENSECAG00000027619
0.55	SPATA7	spermatogenesis associated 7	ENSECAG00000010675
0.55	DOHH	deoxyhypusine hydroxylase/monooxygenase	ENSECAG00000016441
0.55	SPDL1	spindle apparatus coiled-coil protein 1	ENSECAG00000018544
0.55	SIN3A	SIN3 transcription regulator homolog A (yeast)	ENSECAG00000024605
0.55	TSGA10	testis specific, 10	ENSECAG00000019055
0.55			ENSECAG00000019102
0.55	FBXO38	F-box protein 38	ENSECAG00000016193
0.55	MGAT4A	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme A	ENSECAG00000015468
0.55	NAA35	N(alpha)-acetyltransferase 35, NatC auxiliary subunit	ENSECAG00000021564
0.55	ZFP30	ZFP30 zinc finger protein	ENSECAG00000017215
0.55	ATF1	activating transcription factor 1	ENSECAG00000016445
0.55	PTPN2	protein tyrosine phosphatase, non-receptor type 2	ENSECAG00000000624
0.55	NPLOC4	nuclear protein localization 4 homolog (S. cerevisiae)	ENSECAG00000012622
0.55	HMG20A	high mobility group 20A	ENSECAG00000022516
0.55	MAGT1	magnesium transporter 1	ENSECAG00000008074
0.55	LOXL2	lysyl oxidase-like 2	ENSECAG00000025038
0.55	FERMT1	fermitin family member 1	ENSECAG00000000136
0.55	MSANTD3	Myb/SANT-like DNA-binding domain containing 3	ENSECAG00000021233
0.55	C3orf62	chromosome 3 open reading frame 62	ENSECAG00000017474
0.55	PPP4R1	protein phosphatase 4, regulatory subunit 1	ENSECAG00000023070
0.55	TGFB1	Transforming growth factor beta-1 Latency-associated peptide	ENSECAG00000011671
0.55	CYB5R2	cytochrome b5 reductase 2	ENSECAG00000016096
0.55	SLC25A37	solute carrier family 25 (mitochondrial iron transporter), member 37	ENSECAG00000013319
0.55	NAPG	N-ethylmaleimide-sensitive factor attachment protein, gamma	ENSECAG00000013321
0.55	PNPT1	polyribonucleotide nucleotidyltransferase 1	ENSECAG00000020058
0.55	CCDC97	coiled-coil domain containing 97	ENSECAG00000010187

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.55	LDHD	lactate dehydrogenase D	ENSECAG00000010322
0.55	CCHCR1	coiled-coil alpha-helical rod protein 1	ENSECAG00000021619
0.55		Uncharacterized protein	ENSECAG00000022525
0.55	DGKZ	diacylglycerol kinase, zeta	ENSECAG00000018796
0.55	TAF5L	TAF5-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa	ENSECAG00000016369
0.55		Uncharacterized protein	ENSECAG00000008022
0.55	AP4M1	adaptor-related protein complex 4, mu 1 subunit	ENSECAG00000016103
0.55	TADA2A	transcriptional adaptor 2A	ENSECAG00000025118
0.55			ENSECAG00000007630
0.55	SLC3A1	solute carrier family 3 (cystine, dibasic and neutral amino acid transporters, activator of cystine, dibasic and neutral amino acid transport), member 1	ENSECAG00000018573
0.55	ZBTB11	zinc finger and BTB domain containing 11	ENSECAG00000024373
0.55	IKBKG	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma	ENSECAG00000020595
0.55	DERA	deoxyribose-phosphate aldolase (putative)	ENSECAG00000015504
0.55	CYP2F1	cytochrome P450, family 2, subfamily F, polypeptide 1	ENSECAG00000007161
0.55		Uncharacterized protein	ENSECAG00000005009
0.55	MAX	MYC associated factor X	ENSECAG00000006923
0.55	SNTB1	syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa, basic component 1)	ENSECAG00000017294
0.55	DBF4	DBF4 homolog (S. cerevisiae)	ENSECAG00000014613
0.55	KIF11	kinesin family member 11	ENSECAG00000006607
0.55		Uncharacterized protein	ENSECAG00000017490
0.54	ST3GAL6	ST3 beta-galactoside alpha-2,3-sialyltransferase 6	ENSECAG00000010445
0.54	ZNF613	zinc finger protein 613	ENSECAG00000013959
0.54	RECQL	RecQ protein-like (DNA helicase Q1-like)	ENSECAG00000024762
0.54		Uncharacterized protein	ENSECAG00000001472
0.54	RSG1	REM2 and RAB-like small GTPase 1	ENSECAG00000021924
0.54	HSPBP1	HSPA (heat shock 70kDa) binding protein, cytoplasmic cochaperone 1	ENSECAG00000022578
0.54	RYK	receptor-like tyrosine kinase	ENSECAG00000008462
0.54	TMEM184A	transmembrane protein 184A	ENSECAG00000017774

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.54	KCNK5	potassium channel, subfamily K, member 5	ENSECAG00000023134
0.54	PSEN1	presenilin 1	ENSECAG00000004387
0.54	TTYH2	tweety homolog 2 (Drosophila)	ENSECAG00000022780
0.54		Uncharacterized protein	ENSECAG00000024071
0.54	PAXBP1	PAX3 and PAX7 binding protein 1	ENSECAG00000016552
0.54	RDH13	retinol dehydrogenase 13 (all-trans/9-cis)	ENSECAG00000023146
0.54	RANBP9	RAN binding protein 9	ENSECAG00000003632
0.54	TMEM120B	transmembrane protein 120B	ENSECAG00000016299
0.54			ENSECAG00000009807
0.54	DTX3	deltex homolog 3 (Drosophila)	ENSECAG00000015476
0.54	NETO2	neuropilin (NRP) and tolloid (TLL)-like 2	ENSECAG00000009754
0.54	CDC37L1	cell division cycle 37-like 1	ENSECAG00000000269
0.54	USP38	ubiquitin specific peptidase 38	ENSECAG00000009333
0.54	NAT10	N-acetyltransferase 10 (GCN5-related)	ENSECAG00000011621
0.54	GLDC	glycine dehydrogenase (decarboxylating)	ENSECAG00000002389
0.54	WAPAL	wings apart-like homolog (Drosophila)	ENSECAG00000016925
0.54	MSL2	male-specific lethal 2 homolog (Drosophila)	ENSECAG00000018187
0.54	UBP1	upstream binding protein 1 (LBP-1a)	ENSECAG00000018555
0.54		Uncharacterized protein	ENSECAG00000003068
0.54	DTD2	D-tyrosyl-tRNA deacylase 2 (putative)	ENSECAG00000016348
0.54	SCFD1	sec1 family domain containing 1	ENSECAG00000002972
0.54	OPN3	opsin 3	ENSECAG00000014947
0.54	FAT1	FAT atypical cadherin 1	ENSECAG00000013011
0.54	SLC35E3	solute carrier family 35, member E3	ENSECAG00000013227
0.54	GAK	cyclin G associated kinase	ENSECAG00000023832
0.54	SLC38A6	solute carrier family 38, member 6	ENSECAG00000005163
0.54	FAM20B	family with sequence similarity 20, member B	ENSECAG00000014476
0.54	PKN3	protein kinase N3	ENSECAG00000017351
0.54	C12orf29	chromosome 12 open reading frame 29	ENSECAG00000019028
0.54	EML2	echinoderm microtubule associated protein like 2	ENSECAG00000018032

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.54	NRBF2	nuclear receptor binding factor 2	ENSECAG00000011036
0.54		Uncharacterized protein	ENSECAG00000014951
0.54	NUP155	nucleoporin 155kDa	ENSECAG00000006239
0.54	NUP93	nucleoporin 93kDa	ENSECAG00000002155
0.54	LRPPRC	leucine-rich pentatricopeptide repeat containing	ENSECAG00000023814
0.53	WIP1	WD repeat domain, phosphoinositide interacting 1	ENSECAG00000003473
0.53	NDE1	nudE nuclear distribution E homolog 1 (A. nidulans)	ENSECAG00000008991
0.53	PDE6D	phosphodiesterase 6D, cGMP-specific, rod, delta	ENSECAG00000018613
0.53	SLK	STE20-like kinase	ENSECAG00000010212
0.53	ZNF33A	zinc finger protein 33A	ENSECAG00000014705
0.53	PAK1	p21 protein (Cdc42/Rac)-activated kinase 1	ENSECAG00000017840
0.53			ENSECAG00000012436
0.53	GGT6	gamma-glutamyltransferase 6	ENSECAG00000024836
0.53	C2orf72	chromosome 2 open reading frame 72	ENSECAG00000007606
0.53			ENSECAG00000009897
0.53		Uncharacterized protein	ENSECAG00000010451
0.53	CCNT2	cyclin T2	ENSECAG00000022763
0.53	VAC14	Vac14 homolog (S. cerevisiae)	ENSECAG00000012459
0.53	TAF6L	TAF6-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa	ENSECAG00000021482
0.53	C6orf211	chromosome 6 open reading frame 211	ENSECAG00000015349
0.53	NCKIPSD	NCK interacting protein with SH3 domain	ENSECAG00000012037
0.53	F2	coagulation factor II (thrombin)	ENSECAG00000011321
0.53	MLLT4	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila), translocated to, 4	ENSECAG00000014680
0.53	HSPB6	heat shock protein, alpha-crystallin-related, B6	ENSECAG00000013744
0.53	UBL3	ubiquitin-like 3	ENSECAG00000001318
0.53	KIAA1462	KIAA1462	ENSECAG00000024077
0.53	TULP3	tubby like protein 3	ENSECAG00000005303
0.53	MANBA	mannosidase, beta A, lysosomal	ENSECAG00000021588

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.53	RIPK2	receptor-interacting serine-threonine kinase 2	ENSECAG00000023011
0.53	CCNF	cyclin F	ENSECAG00000019369
0.53	TTPAL	tocopherol (alpha) transfer protein-like	ENSECAG00000015398
0.53	TRIM39-RPP21	TRIM39-RPP21 readthrough	ENSECAG00000015974
0.53	ADAM10	ADAM metalloproteinase domain 10	ENSECAG00000007963
0.53	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENSECAG00000019625
0.53	U1	U1 spliceosomal RNA	ENSECAG00000026451
0.53	ZMYM5	zinc finger, MYM-type 5	ENSECAG00000000194
0.53	BACE1	beta-site APP-cleaving enzyme 1	ENSECAG00000012427
0.53	NAGPA	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase	ENSECAG00000012180
0.53	SGOL1	shugoshin-like 1 (S. pombe)	ENSECAG00000012475
0.53	EOMES	eomesodermin	ENSECAG00000021052
0.53	TBC1D17	TBC1 domain family, member 17	ENSECAG00000000665
0.53	MYH10	myosin, heavy chain 10, non-muscle	ENSECAG00000016147
0.53	MED4	mediator complex subunit 4	ENSECAG00000024240
0.53	RPAIN	RPA interacting protein	ENSECAG00000011789
0.53	TLR1	toll-like receptor 1	ENSECAG00000002387
0.52	TACC2	transforming, acidic coiled-coil containing protein 2	ENSECAG00000018280
0.52	PTPN9	protein tyrosine phosphatase, non-receptor type 9	ENSECAG00000022160
0.52	ITPR3	inositol 1,4,5-trisphosphate receptor, type 3	ENSECAG00000007328
0.52	C17orf70	chromosome 17 open reading frame 70	ENSECAG00000002876
0.52	UTP15	UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae)	ENSECAG00000019428
0.52	CPSF4	cleavage and polyadenylation specific factor 4, 30kDa	ENSECAG00000007525
0.52	VEZT	vezatin, adherens junctions transmembrane protein	ENSECAG00000002783
0.52	IL13RA1	interleukin 13 receptor, alpha 1	ENSECAG00000019115
0.52	CHAF1A	chromatin assembly factor 1, subunit A (p150)	ENSECAG00000014377
0.52	DDX19A	DEAD (Asp-Glu-Ala-Asp) box polypeptide 19A	ENSECAG00000007906
0.52	ZBTB2	zinc finger and BTB domain containing 2	ENSECAG00000021762
0.52	NINL	ninein-like	ENSECAG00000019590
0.52	COL9A2	collagen, type IX, alpha 2	ENSECAG00000010971

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.52	ATP6V1H	ATPase, H ⁺ transporting, lysosomal 50/57kDa, V1 subunit H	ENSECAG00000024159
0.52	SMTNL2	smoothelin-like 2	ENSECAG00000024872
0.52	BNIP1	BCL2/adenovirus E1B 19kD interacting protein like	ENSECAG00000022180
0.52	SPG20	spastic paraplegia 20 (Troyer syndrome)	ENSECAG00000012173
0.52	ANLN	anillin, actin binding protein	ENSECAG00000016382
0.52	IMMT	inner membrane protein, mitochondrial	ENSECAG00000024569
0.52		Uncharacterized protein	ENSECAG00000022612
0.52	FAN1	FANCD2/FANCI-associated nuclease 1	ENSECAG00000010387
0.52	FGF13	fibroblast growth factor 13	ENSECAG00000018011
0.52	MLXIP	MLX interacting protein	ENSECAG00000012056
0.52	MORC3	MORC family CW-type zinc finger 3	ENSECAG00000015098
0.52	DDX59	DEAD (Asp-Glu-Ala-Asp) box polypeptide 59	ENSECAG00000006958
0.52	PLEKHA8	pleckstrin homology domain-containing family A member 8	ENSECAG00000007737
0.52	UFL1	UFM1-specific ligase 1	ENSECAG00000014582
0.52	EPB41L1	erythrocyte membrane protein band 4.1-like 1	ENSECAG00000017218
0.52	FBXO28	F-box protein 28	ENSECAG00000002428
0.52	UNC93B1	unc-93 homolog B1 (C. elegans)	ENSECAG00000007813
0.52	ETV2	ets variant 2	ENSECAG00000010488
0.52	NAA40	N(alpha)-acetyltransferase 40, NatD catalytic subunit, homolog (S. cerevisiae)	ENSECAG00000000898
0.52	ATF3	activating transcription factor 3	ENSECAG00000011486
0.52		Uncharacterized protein	ENSECAG00000023639
0.52	GGCT	gamma-glutamylcyclotransferase	ENSECAG00000017845
0.52	HAUS5	HAUS augmin-like complex, subunit 5	ENSECAG00000012035
0.52	PHC2	polyhomeotic homolog 2 (Drosophila)	ENSECAG00000017179
0.52	NPY1R	neuropeptide Y receptor Y1	ENSECAG00000016717
0.52		Uncharacterized protein	ENSECAG00000018114
0.52	KLF3	Kruppel-like factor 3 (basic)	ENSECAG00000021855
0.52	CARS2	cysteinyI-tRNA synthetase 2, mitochondrial (putative)	ENSECAG00000016058
0.52	ELMO2	engulfment and cell motility 2	ENSECAG00000012279
0.52	AFAP1L2	actin filament associated protein 1-like 2	ENSECAG00000014979

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.52	NEK8	NIMA-related kinase 8	ENSECAG00000009500
0.52	SERHL2	serine hydrolase-like 2	ENSECAG00000010579
0.52	NOL9	nucleolar protein 9	ENSECAG00000012908
0.52	ZNF23	zinc finger protein 23	ENSECAG00000015829
0.52		Uncharacterized protein	ENSECAG00000000464
0.52	SUGP1	SURP and G patch domain containing 1	ENSECAG00000013871
0.52	REST	RE1-silencing transcription factor	ENSECAG00000022536
0.52	RQCD1	RCD1 required for cell differentiation1 homolog (S. pombe)	ENSECAG00000009527
0.52	WWC1	WW and C2 domain containing 1	ENSECAG00000014081
0.51	UACA	uveal autoantigen with coiled-coil domains and ankyrin repeats	ENSECAG00000016261
0.51	SLC25A22	solute carrier family 25 (mitochondrial carrier: glutamate), member 22	ENSECAG00000011808
0.51	NFKBIE	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon	ENSECAG00000019914
0.51	IMPA1	inositol(myo)-1(or 4)-monophosphatase 1	ENSECAG00000023030
0.51	PICALM	phosphatidylinositol binding clathrin assembly protein	ENSECAG00000019264
0.51	MAP3K5	mitogen-activated protein kinase kinase kinase 5	ENSECAG00000024860
0.51	RNASEL	2-5A-dependent ribonuclease	ENSECAG00000015188
0.51	TFB1M	transcription factor B1, mitochondrial	ENSECAG00000020997
0.51	PRRC1	proline-rich coiled-coil 1	ENSECAG00000024659
0.51	ELF2	E74-like factor 2 (ets domain transcription factor)	ENSECAG00000022077
0.51	RMND1	required for meiotic nuclear division 1 homolog (S. cerevisiae)	ENSECAG00000018207
0.51	ACHE	acetylcholinesterase	ENSECAG00000006898
0.51	CCM2	cerebral cavernous malformation 2	ENSECAG00000017258
0.51	ESYT3	extended synaptotagmin-like protein 3	ENSECAG00000019060
0.51		Uncharacterized protein	ENSECAG00000016358
0.51	KIAA1468	KIAA1468	ENSECAG00000007142
0.51		Uncharacterized protein	ENSECAG00000012217
0.51	ERI2	ERI1 exoribonuclease family member 2	ENSECAG00000010204
0.51	TSPAN14	tetraspanin 14	ENSECAG00000007856
0.51	GSDMB	gasdermin B	ENSECAG00000023937
0.51	MARK1	MAP/microtubule affinity-regulating kinase 1	ENSECAG00000024459

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.51	RB1CC1	RB1-inducible coiled-coil 1	ENSECAG00000017579
0.51	ZC3HAV1L	zinc finger CCCH-type, antiviral 1-like	ENSECAG00000017385
0.51	PPP6R2	protein phosphatase 6, regulatory subunit 2	ENSECAG00000007827
0.51	DBT	dihydrolipoamide branched chain transacylase E2	ENSECAG00000021626
0.51	FGFR	fibroblast growth factor receptor 2	ENSECAG00000013960
0.51	MTMR6	myotubularin related protein 6	ENSECAG00000000407
0.51	U1	U1 spliceosomal RNA	ENSECAG00000026307
0.51		Uncharacterized protein	ENSECAG00000024771
0.51	FBXL3	F-box and leucine-rich repeat protein 3	ENSECAG00000011128
0.51	PHF12	PHD finger protein 12	ENSECAG00000016493
0.51	NSMAF	neutral sphingomyelinase (N-SMase) activation associated factor	ENSECAG00000000565
0.51	BAD	BCL2-associated agonist of cell death	ENSECAG00000014950
0.51	HOOK3	hook homolog 3 (Drosophila)	ENSECAG00000020276
0.51	EXOG	endo/exonuclease (5'-3'), endonuclease G-like	ENSECAG00000015682
0.51	FAM173B	family with sequence similarity 173, member B	ENSECAG00000013194
0.51	TMEM255B	transmembrane protein 255B	ENSECAG00000000013
0.51	FOLH1	folate hydrolase (prostate-specific membrane antigen) 1	ENSECAG00000022737
0.51	CCDC130	coiled-coil domain containing 130	ENSECAG00000012731
0.50		Uncharacterized protein	ENSECAG00000003232
0.50	MIOS	missing oocyte, meiosis regulator, homolog (Drosophila)	ENSECAG00000021834
0.50	DHX29	DEAH (Asp-Glu-Ala-His) box polypeptide 29	ENSECAG00000024365
0.50	TROVE2	TROVE domain family, member 2	ENSECAG00000018653
0.50	CHURC1	churchill domain containing 1	ENSECAG00000018655
0.50	SLC25A19	solute carrier family 25 (mitochondrial thiamine pyrophosphate carrier), member 19	ENSECAG00000010421
0.50		Uncharacterized protein	ENSECAG00000001076
0.50	PHF17	PHD finger protein 17	ENSECAG00000024419
0.50	UTP6	UTP6, small subunit (SSU) processome component, homolog (yeast)	ENSECAG00000022217
0.50	CCAR1	cell division cycle and apoptosis regulator 1	ENSECAG00000016291
0.50	RNF13	ring finger protein 13	ENSECAG00000023263
0.50	DHX32	DEAH (Asp-Glu-Ala-His) box polypeptide 32	ENSECAG00000014298

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.50	FERMT3	fermitin family member 3	ENSECAG00000008107
0.50	CAB39	calcium binding protein 39	ENSECAG00000015288
0.50	POC1A	POC1 centriolar protein homolog A (Chlamydomonas)	ENSECAG00000021302
0.50	SRD5A1	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)	ENSECAG00000012520
0.50	CDC25B	cell division cycle 25B	ENSECAG00000025092
0.50	NOSTRIN	nitric oxide synthase trafficker	ENSECAG00000020088
0.50	MEMO1	mediator of cell motility 1	ENSECAG00000019946
0.50	TFAM	transcription factor A, mitochondrial	ENSECAG00000009622
0.50	EXT2	exostosin glycosyltransferase 2	ENSECAG00000015881
0.50	EGLN3	egl nine homolog 3 (C. elegans)	ENSECAG00000005086
0.50	GCLC	glutamate-cysteine ligase, catalytic subunit	ENSECAG00000017346
0.50	NDRG3	NDRG family member 3	ENSECAG00000016390
0.50	STX12	syntaxin 12	ENSECAG00000012718
0.50	VPS26B	vacuolar protein sorting 26 homolog B (S. pombe)	ENSECAG00000023493
0.50	EPSTI1	epithelial stromal interaction 1 (breast)	ENSECAG00000009543
0.50	C11orf82	chromosome 11 open reading frame 82	ENSECAG00000023071
0.50	PIK3CB	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit beta	ENSECAG00000023941
0.50	ZNF410	zinc finger protein 410	ENSECAG00000014531
0.50	C19orf57	chromosome 19 open reading frame 57	ENSECAG00000001822
0.50	SEC61A2	Sec61 alpha 2 subunit (S. cerevisiae)	ENSECAG00000008105
0.50	TELO2	TEL2, telomere maintenance 2, homolog (S. cerevisiae)	ENSECAG00000017413
0.50	DESI2	desumoylating isopeptidase 2	ENSECAG00000008142
0.50		Uncharacterized protein	ENSECAG00000010814
0.50	GALNT7	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 7 (GalNAc-T7)	ENSECAG00000010243
0.50	CTPS2	CTP synthase 2	ENSECAG00000017669
0.50		Uncharacterized protein	ENSECAG00000005577
0.50	NUDT15	nudix (nucleoside diphosphate linked moiety X)-type motif 15	ENSECAG00000010019
0.50		Uncharacterized protein	ENSECAG00000020430

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.50	ATXN2	ataxin 2	ENSECAG00000014347
0.50	NXNL2	nucleoredoxin-like 2	ENSECAG00000024876
0.50		Uncharacterized protein	ENSECAG00000011384
0.50	GOLGA4	golgin A4	ENSECAG00000013495
0.50			ENSECAG00000014106
0.50	BRWD1	bromodomain and WD repeat domain containing 1	ENSECAG00000022262
0.50	RASIP1	Ras interacting protein 1	ENSECAG00000021108
0.50		Uncharacterized protein	ENSECAG00000011933
0.50	TPCN2	two pore segment channel 2	ENSECAG00000019619
0.50	INCENP	inner centromere protein antigens 135/155kDa	ENSECAG00000009621
0.50	TOM1	target of myb1 (chicken)	ENSECAG00000011873
0.50		Uncharacterized protein	ENSECAG00000007889
0.50	SIK1	salt-inducible kinase 1	ENSECAG00000006288
0.50	ZBTB24	zinc finger and BTB domain containing 24	ENSECAG00000009691
0.50	ADRA2B	alpha-2B adrenergic receptor	ENSECAG00000006948
0.50	ADPRM	ADP-ribose/CDP-alcohol diphosphatase, manganese-dependent	ENSECAG00000025154
0.49	KLHL2	kelch-like family member 2	ENSECAG00000010727
0.49	ARMC6	armadillo repeat containing 6	ENSECAG00000006428
0.49	KMT2E	lysine (K)-specific methyltransferase 2E	ENSECAG00000016931
0.49	C5orf24	chromosome 5 open reading frame 24	ENSECAG00000017230
0.49	RLIM	ring finger protein, LIM domain interacting	ENSECAG00000020600
0.49	TRIT1	tRNA isopentenyltransferase 1	ENSECAG00000010597
0.49	CENPQ	centromere protein Q	ENSECAG00000011226
0.49	CCNYL1	cyclin Y-like 1	ENSECAG00000017978
0.49	CENPN	centromere protein N	ENSECAG0000001041
0.49	ITGB5	integrin, beta 5	ENSECAG00000007589
0.49	SWAP70	SWAP switching B-cell complex 70kDa subunit	ENSECAG00000022426
0.49	GPD1	glycerol-3-phosphate dehydrogenase 1 (soluble)	ENSECAG00000001568
0.49	TEAD2	TEA domain family member 2	ENSECAG00000018010
0.49	C13H16orf93	chromosome 16 open reading frame 93 ortholog	ENSECAG00000022185

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.49		Uncharacterized protein	ENSECAG00000017750
0.49	CNOT2	CCR4-NOT transcription complex, subunit 2	ENSECAG00000013864
0.49	QRSL1	glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1	ENSECAG00000021023
0.49	FXYD5	FXYD domain containing ion transport regulator 5	ENSECAG00000019410
0.49	SACM1L	SAC1 suppressor of actin mutations 1-like (yeast)	ENSECAG00000009214
0.49	OAF	OAF homolog (Drosophila)	ENSECAG00000015986
0.49	C5orf45	chromosome 5 open reading frame 45	ENSECAG00000020524
0.49	RFESD	Rieske (Fe-S) domain containing	ENSECAG00000024815
0.49		Uncharacterized protein	ENSECAG00000018847
0.49	MEIOB	meiosis specific with OB domains	ENSECAG00000001005
0.49	NIPBL	Nipped-B homolog (Drosophila)	ENSECAG00000018233
0.49	SLC25A44	solute carrier family 25, member 44	ENSECAG00000007577
0.49	TAP1	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	ENSECAG00000022610
0.49	TRMT13	tRNA methyltransferase 13 homolog (S. cerevisiae)	ENSECAG00000022626
0.49	XPO6	exportin 6	ENSECAG00000008601
0.49	MANBAL	mannosidase, beta A, lysosomal-like	ENSECAG00000011341
0.49	CALD1	caldesmon 1	ENSECAG00000006844
0.49	CDC5L	cell division cycle 5-like	ENSECAG00000010081
0.49	RALB	v-ral simian leukemia viral oncogene homolog B	ENSECAG00000014701
0.49	MCOLN2	mucolipin 2	ENSECAG00000011008
0.49	TMEM161B	transmembrane protein 161B	ENSECAG00000025094
0.49	ATG16L1	autophagy related 16-like 1 (S. cerevisiae)	ENSECAG00000016091
0.49	GPD1L	glycerol-3-phosphate dehydrogenase 1-like	ENSECAG00000018150
0.49	ZCRB1	zinc finger CCHC-type and RNA binding motif 1	ENSECAG00000012174
0.49	ZNF800	zinc finger protein 800	ENSECAG00000019340
0.49	EPS8L1	EPS8-like 1	ENSECAG00000000532
0.49	TRIP11	thyroid hormone receptor interactor 11	ENSECAG00000007621
0.49	ASCC3	activating signal cointegrator 1 complex subunit 3	ENSECAG00000012013
0.49	SH3BP5L	SH3-binding domain protein 5-like	ENSECAG00000000789
0.49	TJAP1	tight junction associated protein 1 (peripheral)	ENSECAG00000013159

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.49			ENSECAG00000001432
0.49	PWP2	PWP2 periodic tryptophan protein homolog (yeast)	ENSECAG00000006090
0.49	PROCA1	protein interacting with cyclin A1	ENSECAG00000007184
0.49	GSE1	Gse1 coiled-coil protein	ENSECAG00000022532
0.49	PCYT1A	phosphate cytidyltransferase 1, choline, alpha	ENSECAG00000017477
0.49	GTPBP10	GTP-binding protein 10 (putative)	ENSECAG00000017416
0.49	LRRC8B	leucine rich repeat containing 8 family, member B	ENSECAG00000012002
0.49	ITFG1	integrin alpha FG-GAP repeat containing 1	ENSECAG00000013539
0.49	ZNF684	zinc finger protein 684	ENSECAG00000022010
0.49	PCNXL4	pecanex-like 4 (Drosophila)	ENSECAG00000000365
0.49	BUB1B	BUB1 mitotic checkpoint serine/threonine kinase B	ENSECAG00000021452
0.49	ADNP2	ADNP homeobox 2	ENSECAG00000008310
0.49	ZNF408	zinc finger protein 408	ENSECAG00000010878
0.49	LARP4	La ribonucleoprotein domain family, member 4	ENSECAG00000012479
0.49	FARSB	phenylalanyl-tRNA synthetase, beta subunit	ENSECAG00000023086
0.49	SAYSD1	SAYSVFN motif domain containing 1	ENSECAG00000023121
0.49	GKAP1	G kinase anchoring protein 1	ENSECAG00000011393
0.49	RBM6	RNA binding motif protein 6	ENSECAG00000015226
0.49	PIAS4	protein inhibitor of activated STAT, 4	ENSECAG00000018697
0.48	TIPRL	TIP41, TOR signaling pathway regulator-like (S. cerevisiae)	ENSECAG00000021650
0.48	TPST2	tyrosylprotein sulfotransferase 2	ENSECAG00000012945
0.48	WTIP	Wilms tumor 1 interacting protein	ENSECAG00000002491
0.48	FCHSD1	FCH and double SH3 domains 1	ENSECAG00000017933
0.48	STOML1	stomatin (EPB72)-like 1	ENSECAG00000019789
0.48	MAP7D3	MAP7 domain containing 3	ENSECAG00000000644
0.48			ENSECAG00000023184
0.48	ARMC5	armadillo repeat containing 5	ENSECAG00000009891
0.48	SWT1	SWT1 RNA endoribonuclease homolog (S. cerevisiae)	ENSECAG00000012085
0.48	LRRC46	leucine rich repeat containing 46	ENSECAG00000007543
0.48	ARAP1	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1	ENSECAG00000016491

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.48	VPS13D	vacuolar protein sorting 13 homolog D (<i>S. cerevisiae</i>)	ENSECAG00000016150
0.48	RNaseP_nuc	Nuclear RNase P	ENSECAG00000027244
0.48	NUFIP1	nuclear fragile X mental retardation protein interacting protein 1	ENSECAG00000013295
0.48	CWC22	CWC22 spliceosome-associated protein homolog (<i>S. cerevisiae</i>)	ENSECAG00000010769
0.48	ZNF394	zinc finger protein 394	ENSECAG00000011549
0.48	GLIS2	GLIS family zinc finger 2	ENSECAG00000020639
0.48	IDS	iduronate 2-sulfatase	ENSECAG00000008691
0.48	RHOBTB1	Rho-related BTB domain containing 1	ENSECAG00000011559
0.48	CBLL1	Cbl proto-oncogene-like 1, E3 ubiquitin protein ligase	ENSECAG00000010991
0.48	GNE	glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase	ENSECAG00000014124
0.48	C1orf146	chromosome 1 open reading frame 146	ENSECAG00000014397
0.48	STARD8	STAR-related lipid transfer (START) domain containing 8	ENSECAG00000005912
0.48	WWC3	WWC family member 3	ENSECAG00000013186
0.48	PPP1R16A	protein phosphatase 1, regulatory subunit 16A	ENSECAG00000014256
0.48	RABEP1	rabaptin, RAB GTPase binding effector protein 1	ENSECAG00000014217
0.48	APOO	apolipoprotein O	ENSECAG00000013441
0.48	ZNF234	zinc finger protein 234	ENSECAG00000012444
0.48	FAM131A	family with sequence similarity 131, member A	ENSECAG00000000326
0.48	FAM200B	family with sequence similarity 200, member B	ENSECAG00000024279
0.48	SNX11	sorting nexin 11	ENSECAG00000008117
0.48	ENTHD2	ENTH domain containing 2	ENSECAG00000024720
0.48	STX1A	syntaxin 1A (brain)	ENSECAG00000023810
0.48	SOX17	SRY (sex determining region Y)-box 17	ENSECAG00000009206
0.48	WDYHV1	WDYHV motif containing 1	ENSECAG00000011250
0.48	BRWD3	bromodomain and WD repeat domain containing 3	ENSECAG00000007187
0.48	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A	ENSECAG00000024965
0.48	ZNF671	zinc finger protein 671	ENSECAG00000019272
0.48	ZNF532	zinc finger protein 532	ENSECAG00000014565
0.48	PPP1R14A	protein phosphatase 1, regulatory (inhibitor) subunit 14A	ENSECAG00000011290
0.48	OTUB1	OTU domain, ubiquitin aldehyde binding 1	ENSECAG00000002621

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.48			ENSECAG00000023767
0.48	PPIC	peptidylprolyl isomerase C (cyclophilin C)	ENSECAG00000006273
0.48	PRRX2	paired related homeobox 2	ENSECAG000000023890
0.48	SPEN	spen homolog, transcriptional regulator (Drosophila)	ENSECAG00000008833
0.48	MAST1	microtubule associated serine/threonine kinase 1	ENSECAG000000022473
0.48	DEPDC1	DEP domain containing 1	ENSECAG00000008461
0.47	EMILIN1	elastin microfibril interfacer 1	ENSECAG000000025161
0.47	USP48	ubiquitin specific peptidase 48	ENSECAG000000012657
0.47	ARMC1	armadillo repeat containing 1	ENSECAG000000022099
0.47	SLC39A8	solute carrier family 39 (zinc transporter), member 8	ENSECAG000000025010
0.47	FBXW7	F-box and WD repeat domain containing 7, E3 ubiquitin protein ligase	ENSECAG000000022582
0.47	GPATCH8	G patch domain containing 8	ENSECAG000000018144
0.47		Uncharacterized protein	ENSECAG000000019120
0.47	GEMIN2	gem (nuclear organelle) associated protein 2	ENSECAG000000007554
0.47	FARP1	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)	ENSECAG000000015331
0.47	TLE3	transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)	ENSECAG000000004807
0.47	SLC29A4	solute carrier family 29 (equilibrative nucleoside transporter), member 4	ENSECAG000000021634
0.47	TMCO1	transmembrane and coiled-coil domains 1	ENSECAG000000000450
0.47	XPO5	exportin 5	ENSECAG000000000507
0.47	ZW10	zw10 kinetochore protein	ENSECAG000000011623
0.47	H6PD	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)	ENSECAG000000019453
0.47	AARS2	alanyl-tRNA synthetase 2, mitochondrial	ENSECAG000000024012
0.47		Uncharacterized protein	ENSECAG000000017166
0.47	ALG8	ALG8, alpha-1,3-glucosyltransferase	ENSECAG000000022682
0.47	PCDHAC2	protocadherin alpha subfamily C, 2	ENSECAG000000007418
0.47	POLD1	polymerase (DNA directed), delta 1, catalytic subunit	ENSECAG000000006077
0.47	FAM98C	family with sequence similarity 98, member C	ENSECAG000000021399
0.47	FBXO17	F-box protein 17	ENSECAG000000013806
0.47	PCM1	pericentriolar material 1	ENSECAG000000011655
0.47	FAM120A	family with sequence similarity 120A	ENSECAG000000011076

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.47	LRIG3	leucine-rich repeats and immunoglobulin-like domains 3	ENSECAG00000020312
0.47			ENSECAG00000020673
0.47	CGRRF1	cell growth regulator with ring finger domain 1	ENSECAG00000008526
0.47	CCDC159	coiled-coil domain containing 159	ENSECAG00000017486
0.47	CKLF	chemokine-like factor	ENSECAG00000026929
0.47	C2CD2L	C2CD2-like	ENSECAG00000018541
0.47	NT5C	5', 3'-nucleotidase, cytosolic	ENSECAG00000019270
0.47	SKP2	S-phase kinase-associated protein 2, E3 ubiquitin protein ligase	ENSECAG00000013147
0.47	SLC13A3	solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3	ENSECAG00000010298
0.47	CD19	CD19 molecule	ENSECAG00000024105
0.47	USP2	ubiquitin specific peptidase 2	ENSECAG00000019869
0.47	DNAJB14	DnaJ (Hsp40) homolog, subfamily B, member 14	ENSECAG00000008379
0.47		Uncharacterized protein	ENSECAG00000012047
0.47	CCDC53	coiled-coil domain containing 53	ENSECAG00000013045
0.47	FAM73B	family with sequence similarity 73, member B	ENSECAG00000018283
0.47	RAD17	RAD17 homolog (S. pombe)	ENSECAG00000011029
0.47	ERBB2IP	erbb2 interacting protein	ENSECAG00000003271
0.47			ENSECAG00000013688
0.47		Uncharacterized protein	ENSECAG00000013026
0.47	RPF2	ribosome production factor 2 homolog (S. cerevisiae)	ENSECAG00000017121
0.47	FOPNL	FGFR1OP N-terminal like	ENSECAG00000016999
0.47	BNIP1	BCL2/adenovirus E1B 19kDa interacting protein 1	ENSECAG00000023543
0.47	PAH	phenylalanine hydroxylase	ENSECAG00000019047
0.47	INPP5F	inositol polyphosphate-5-phosphatase F	ENSECAG00000014941
0.47	CEPT1	choline/ethanolamine phosphotransferase 1	ENSECAG00000009032
0.46	IFND2	interferon-delta 2	ENSECAG00000002978
0.46	ULK2	unc-51 like autophagy activating kinase 2	ENSECAG00000008882
0.46	INTS8	integrator complex subunit 8	ENSECAG00000020110
0.46	POLE2	polymerase (DNA directed), epsilon 2, accessory subunit	ENSECAG00000013298
0.46	TMTC4	transmembrane and tetratricopeptide repeat containing 4	ENSECAG00000006696

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.46	ASPH	aspartate beta-hydroxylase	ENSECAG00000021447
0.46	FAM174A	family with sequence similarity 174, member A	ENSECAG00000011841
0.46	BPGM	2,3-bisphosphoglycerate mutase	ENSECAG00000000655
0.46		Uncharacterized protein	ENSECAG00000015480
0.46	TNKS2	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2	ENSECAG00000012810
0.46	BCL7B	B-cell CLL/lymphoma 7B	ENSECAG00000015512
0.46			ENSECAG00000003844
0.46	ZMYM2	zinc finger, MYM-type 2	ENSECAG00000002173
0.46	DNMT3B	DNA (cytosine-5-)-methyltransferase 3 beta	ENSECAG00000012102
0.46	HDHD2	haloacid dehalogenase-like hydrolase domain containing 2	ENSECAG00000012664
0.46	SELRC1	Sel1 repeat containing 1	ENSECAG00000020451
0.46	PCYOX1	prenylcysteine oxidase 1	ENSECAG00000015408
0.46	ARHGAP21	Rho GTPase activating protein 21	ENSECAG00000011309
0.46	FBXL12	F-box and leucine-rich repeat protein 12	ENSECAG00000008231
0.46	HMGN5	high mobility group nucleosome binding domain 5	ENSECAG00000012081
0.46			ENSECAG00000027490
0.46	NRGN	neurogranin (protein kinase C substrate, RC3)	ENSECAG00000022257
0.46	CLASRP	CLK4-associating serine/arginine rich protein	ENSECAG00000009232
0.46	POLR3F	polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa	ENSECAG00000009920
0.46	AASDH	aminoadipate-semialdehyde dehydrogenase	ENSECAG00000009502
0.46	TMEM175	transmembrane protein 175	ENSECAG00000023326
0.46	TLDC1	TBC/LysM-associated domain containing 1	ENSECAG00000008644
0.46	NAGS	N-acetylglutamate synthase	ENSECAG00000013262
0.46	RNF39	ring finger protein 39	ENSECAG00000018987
0.46	OLA1	Obg-like ATPase 1	ENSECAG00000016353
0.46	RNF145	ring finger protein 145	ENSECAG00000024020
0.46	NDUFAF7	NADH dehydrogenase (ubiquinone) complex I, assembly factor 7	ENSECAG00000014140
0.46	LCTL	lactase-like	ENSECAG00000014254
0.46	HBEGF	heparin-binding EGF-like growth factor	ENSECAG00000010656
0.46	CCNY	cyclin Y	ENSECAG00000010378

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.46	CREM	cAMP responsive element modulator	ENSECAG00000011220
0.46	ZDHHC23	zinc finger, DHHC-type containing 23	ENSECAG00000014382
0.46	DUSP16	dual specificity phosphatase 16	ENSECAG00000016362
0.46	GTSE1	G-2 and S-phase expressed 1	ENSECAG00000023355
0.45	STAM	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1	ENSECAG00000019963
0.45	SLC2A2	solute carrier family 2, facilitated glucose transporter member 2	ENSECAG00000000414
0.45	TMEM194B	transmembrane protein 194B	ENSECAG00000008498
0.45	TFCP2	transcription factor CP2	ENSECAG00000020650
0.45	EPS15	epidermal growth factor receptor pathway substrate 15	ENSECAG00000020824
0.45	IDNK	idnK, gluconokinase homolog (E. coli)	ENSECAG00000018284
0.45	PMS2	PMS2 postmeiotic segregation increased 2 (S. cerevisiae)	ENSECAG00000014072
0.45	ZFC3H1	zinc finger, C3H1-type containing	ENSECAG00000026833
0.45		Uncharacterized protein	ENSECAG00000020143
0.45	DFFB	DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase)	ENSECAG00000020540
0.45	TRMT61B	tRNA methyltransferase 61 homolog B (S. cerevisiae)	ENSECAG00000013254
0.45		Uncharacterized protein	ENSECAG00000020393
0.45	PDK2	pyruvate dehydrogenase kinase, isozyme 2	ENSECAG00000022822
0.45	EIF2AK4	eukaryotic translation initiation factor 2 alpha kinase 4	ENSECAG00000000348
0.45	ARIH2	ariadne homolog 2 (Drosophila)	ENSECAG00000010851
0.45	SGCB	sarcoglycan, beta (43kDa dystrophin-associated glycoprotein)	ENSECAG00000020148
0.45	STRBP	spermatid perinuclear RNA binding protein	ENSECAG00000008465
0.45	IQCB1	IQ motif containing B1	ENSECAG00000019106
0.45	RETSAT	retinol saturase (all-trans-retinol 13,14-reductase)	ENSECAG00000010342
0.45	RAPGEF2	Rap guanine nucleotide exchange factor (GEF) 2	ENSECAG00000006983
0.45	MSANTD2	Myb/SANT-like DNA-binding domain containing 2	ENSECAG00000012745
0.45	DUSP5	dual specificity phosphatase 5	ENSECAG00000013514
0.45	CDPF1	cysteine-rich, DPF motif domain containing 1	ENSECAG00000010835
0.45	KCTD3	potassium channel tetramerization domain containing 3	ENSECAG00000000780
0.45	MAPKAPK5	mitogen-activated protein kinase-activated protein kinase 5	ENSECAG00000010001
0.45	POGZ	pogo transposable element with ZNF domain	ENSECAG00000021579

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.45	ZBTB47	zinc finger and BTB domain containing 47	ENSECAG00000020244
0.45	ZMPSTE24	zinc metalloproteinase STE24	ENSECAG00000007773
0.45	GCC2	GRIP and coiled-coil domain containing 2	ENSECAG00000003237
0.45	HIBADH	3-hydroxyisobutyrate dehydrogenase	ENSECAG00000016863
0.45	SEH1L	SEH1-like (S. cerevisiae)	ENSECAG00000017880
0.45	DCTN6	dynactin 6	ENSECAG00000022136
0.45	MED24	mediator complex subunit 24	ENSECAG00000019186
0.45	GLB1L	galactosidase, beta 1-like	ENSECAG00000003253
0.45	FAM151B	family with sequence similarity 151, member B	ENSECAG00000013808
0.45	NEMF	nuclear export mediator factor	ENSECAG00000017376
0.45	AIF1L	allograft inflammatory factor 1-like	ENSECAG00000026856
0.44	CWF19L1	CWF19-like 1, cell cycle control (S. pombe)	ENSECAG00000016333
0.44	ZNF165	zinc finger protein 165	ENSECAG00000006698
0.44		Uncharacterized protein	ENSECAG00000001388
0.44	HERC3	HECT and RLD domain containing E3 ubiquitin protein ligase 3	ENSECAG00000011129
0.44	FAM69A	family with sequence similarity 69, member A	ENSECAG00000020711
0.44	GLS	glutaminase	ENSECAG00000010549
0.44	PPP1R9B	protein phosphatase 1, regulatory subunit 9B	ENSECAG00000011107
0.44	JKAMP	JNK1/MAPK8-associated membrane protein	ENSECAG00000026924
0.44	PPP2R2D	protein phosphatase 2, regulatory subunit B, delta	ENSECAG00000024456
0.44	ZFYVE27	zinc finger, FYVE domain containing 27	ENSECAG00000008070
0.44	NDC1	NDC1 transmembrane nucleoporin	ENSECAG00000016387
0.44	MTRR	5-methyltetrahydrofolate-homocysteine methyltransferase reductase	ENSECAG00000023073
0.44	ZNF692	zinc finger protein 692	ENSECAG00000015402
0.44	MIB2	mindbomb E3 ubiquitin protein ligase 2	ENSECAG00000014796
0.44	AAED1	AhpC/TSA antioxidant enzyme domain containing 1	ENSECAG00000000080
0.44	FLRT2	fibronectin leucine rich transmembrane protein 2	ENSECAG00000009011
0.44	CCDC92	coiled-coil domain containing 92	ENSECAG00000021239
0.44	HEATR3	HEAT repeat containing 3	ENSECAG00000000361
0.44	NUP160	nucleoporin 160kDa	ENSECAG00000021826

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.44	RAB3A	RAB3A, member RAS oncogene family	ENSECAG00000023115
0.44	CRTAM	cytotoxic and regulatory T cell molecule	ENSECAG00000007708
0.44	ABHD13	abhydrolase domain containing 13	ENSECAG00000019748
0.44	ASPM	asp (abnormal spindle) homolog, microcephaly associated (Drosophila)	ENSECAG00000020645
0.44	C11orf74	chromosome 11 open reading frame 74	ENSECAG00000022013
0.44	IFNGR2	interferon gamma receptor 2 (interferon gamma transducer 1)	ENSECAG00000014660
0.44		Uncharacterized protein	ENSECAG00000022283
0.44			ENSECAG00000010589
0.44	DVL1	dishevelled segment polarity protein 1	ENSECAG00000020745
0.44	IREB2	iron-responsive element binding protein 2	ENSECAG00000016731
0.44	TTC27	tetratricopeptide repeat domain 27	ENSECAG00000011836
0.44	EIF4ENIF1	eukaryotic translation initiation factor 4E nuclear import factor 1	ENSECAG00000000311
0.44	SPIRE2	spire homolog 2 (Drosophila)	ENSECAG00000011856
0.44	CTNS	cystinosisin, lysosomal cystine transporter	ENSECAG00000024211
0.44	MGLL	monoglyceride lipase	ENSECAG00000007658
0.44	TMEM50B	transmembrane protein 50B	ENSECAG00000015619
0.44	MTRF1L	mitochondrial translational release factor 1-like	ENSECAG00000002759
0.44	WRB	tryptophan rich basic protein	ENSECAG00000007859
0.44	LRP1	low density lipoprotein receptor-related protein 1	ENSECAG00000012166
0.44		Uncharacterized protein	ENSECAG00000018257
0.44	CNOT10	CCR4-NOT transcription complex, subunit 10	ENSECAG00000021306
0.44	CD47	CD47 molecule	ENSECAG00000018995
0.44	MARK4	MAP/microtubule affinity-regulating kinase 4	ENSECAG00000000359
0.44	CD74	CD74 molecule, major histocompatibility complex, class II invariant chain	ENSECAG00000008503
0.44	SNAPC5	small nuclear RNA activating complex, polypeptide 5, 19kDa	ENSECAG00000010095
0.44	C10orf12	chromosome 10 open reading frame 12	ENSECAG00000013509
0.44		Uncharacterized protein	ENSECAG00000021592
0.44	RPP30	ribonuclease P/MRP 30kDa subunit	ENSECAG00000021917
0.44	BRSK1	BR serine/threonine kinase 1	ENSECAG00000001444
0.44	NUS1	nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae)	ENSECAG00000010823

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.44	FAM177A1	family with sequence similarity 177, member A1	ENSECAG00000012435
0.44	OSGIN2	oxidative stress induced growth inhibitor family member 2	ENSECAG00000013560
0.44	QTRT1	queuine tRNA-ribosyltransferase 1	ENSECAG00000014773
0.44	IKBKB	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta	ENSECAG00000002263
0.44	CHCHD3	coiled-coil-helix-coiled-coil-helix domain containing 3	ENSECAG00000000861
0.44	IGJ	immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides	ENSECAG00000020041
0.44	MLH3	mutL homolog 3 (E. coli)	ENSECAG00000008011
0.44	RCCD1	RCC1 domain containing 1	ENSECAG00000017879
0.43	TGIF2	TGFB-induced factor homeobox 2	ENSECAG00000010360
0.43	DIAPH1	diaphanous-related formin 1	ENSECAG00000020822
0.43	ANKEF1	ankyrin repeat and EF-hand domain containing 1	ENSECAG00000011916
0.43	MTFMT	mitochondrial methionyl-tRNA formyltransferase	ENSECAG00000012255
0.43	TBX2	T-box 2	ENSECAG00000024480
0.43	ABCA3	ATP-binding cassette, sub-family A (ABC1), member 3	ENSECAG00000013242
0.43	ADCK4	aarF domain containing kinase 4	ENSECAG00000022458
0.43	ARFGAP3	ADP-ribosylation factor GTPase activating protein 3	ENSECAG00000023901
0.43	FBXO21	F-box protein 21	ENSECAG00000017124
0.43	MON2	MON2 homolog (S. cerevisiae)	ENSECAG00000024896
0.43	PLEKHA1	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1	ENSECAG00000014908
0.43		Uncharacterized protein	ENSECAG00000015906
0.43	PLA2G12B	phospholipase A2, group XIIB	ENSECAG00000010317
0.43	ARL3	ADP-ribosylation factor-like 3	ENSECAG00000000300
0.43	CSRNP2	cysteine-serine-rich nuclear protein 2	ENSECAG00000020403
0.43	NTPCR	nucleoside-triphosphatase, cancer-related	ENSECAG00000023376
0.43	NPRL3	nitrogen permease regulator-like 3 (S. cerevisiae)	ENSECAG00000017195
0.43	CISH	cytokine inducible SH2-containing protein	ENSECAG00000016867
0.43	DSCR3	Down syndrome critical region gene 3	ENSECAG00000023577
0.43	VCIPI1	valosin containing protein (p97)/p47 complex interacting protein 1	ENSECAG00000015559

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.43	PPP1R26	protein phosphatase 1, regulatory subunit 26	ENSECAG00000024024
0.43	NUP153	nucleoporin 153kDa	ENSECAG00000016010
0.43	FEZ2	fasciculation and elongation protein zeta 2 (zygin II)	ENSECAG00000010190
0.43	CPT1B	carnitine palmitoyltransferase 1B (muscle)	ENSECAG00000012793
0.43	RC3H2	ring finger and CCCH-type domains 2	ENSECAG00000022176
0.43	ZBTB45	zinc finger and BTB domain containing 45	ENSECAG00000010390
0.43	MLF1IP	MLF1 interacting protein	ENSECAG00000016722
0.43	NPFF	neuropeptide FF-amide peptide precursor	ENSECAG00000021139
0.43	FAM216A	family with sequence similarity 216, member A	ENSECAG00000015635
0.43	SRPK1	SRSF protein kinase 1	ENSECAG00000014213
0.43	MAP3K15	mitogen-activated protein kinase kinase kinase 15	ENSECAG00000022251
0.43	HS1BP3	HCLS1 binding protein 3	ENSECAG00000021502
0.43	41886	septin 4	ENSECAG00000020248
0.43	THOC1	THO complex 1	ENSECAG00000009267
0.43	MTTP	microsomal triglyceride transfer protein	ENSECAG00000023109
0.43	DYNC1LI2	dynein, cytoplasmic 1, light intermediate chain 2	ENSECAG00000020218
0.43	PRR12	proline rich 12	ENSECAG00000012525
0.43	ST3GAL2	ST3 beta-galactoside alpha-2,3-sialyltransferase 2	ENSECAG00000023798
0.43	ZXDC	ZXD family zinc finger C	ENSECAG00000026954
0.43	GEMIN5	gem (nuclear organelle) associated protein 5	ENSECAG00000020479
0.43	RASL11B	RAS-like, family 11, member B	ENSECAG00000003789
0.43		Uncharacterized protein	ENSECAG00000001300
0.43	FASTKD1	FAST kinase domains 1	ENSECAG00000020558
0.43	SART3	squamous cell carcinoma antigen recognized by T cells 3	ENSECAG00000000314
0.43	RNF149	ring finger protein 149	ENSECAG00000011545
0.43	GMFB	glia maturation factor, beta	ENSECAG00000006944
0.43	ZKSCAN5	zinc finger with KRAB and SCAN domains 5	ENSECAG00000012353
0.43	HERPUD2	HERPUD family member 2	ENSECAG00000020481
0.43	CLSTN3	calsyntenin 3	ENSECAG00000020326
0.42	CHUK	conserved helix-loop-helix ubiquitous kinase	ENSECAG00000006588

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.42	MRPL48	mitochondrial ribosomal protein L48	ENSECAG00000022115
0.42		Uncharacterized protein	ENSECAG00000002110
0.42	PRND	prion-like protein doppel	ENSECAG00000004704
0.42	SMG7	SMG7 nonsense mediated mRNA decay factor	ENSECAG00000004313
0.42	SPATS2	spermatogenesis associated, serine-rich 2	ENSECAG00000005508
0.42	RANBP3	RAN binding protein 3	ENSECAG00000024789
0.42	INOS	inducible nitric oxide synthase	ENSECAG00000024761
0.42	PEX1	peroxisomal biogenesis factor 1	ENSECAG00000021379
0.42	DNMT3A	DNA (cytosine-5-)-methyltransferase 3 alpha	ENSECAG00000025086
0.42	UCHL3	ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)	ENSECAG00000024190
0.42	ZUFSP	zinc finger with UFM1-specific peptidase domain	ENSECAG00000013523
0.42	CEP55	centrosomal protein 55kDa	ENSECAG00000018438
0.42	AMPD3	adenosine monophosphate deaminase 3	ENSECAG00000000816
0.42	BRI3	brain protein I3	ENSECAG00000002412
0.42	FAM175A	family with sequence similarity 175, member A	ENSECAG00000019053
0.42	AMIGO1	adhesion molecule with Ig-like domain 1	ENSECAG00000003291
0.42			ENSECAG00000018861
0.42	HEXDC	hexosaminidase (glycosyl hydrolase family 20, catalytic domain) containing	ENSECAG00000000366
0.42	PITPNB	phosphatidylinositol transfer protein, beta	ENSECAG00000010198
0.42	ZNF777	zinc finger protein 777	ENSECAG00000013895
0.42	KLHL22	kelch-like family member 22	ENSECAG00000015363
0.42	PPP4R1L	protein phosphatase 4, regulatory subunit 1-like	ENSECAG00000022603
0.42	TMEM234	transmembrane protein 234	ENSECAG00000014363
0.42	PLA2G4A	cytosolic phospholipase A2	ENSECAG00000024810
0.42	MIIP	migration and invasion inhibitory protein	ENSECAG00000014794
0.42	IQCE	IQ motif containing E	ENSECAG00000021768
0.42	CYSTM1	cysteine-rich transmembrane module containing 1	ENSECAG00000012655
0.42	TIGD7	tigger transposable element derived 7	ENSECAG00000004461
0.42	KLHL36	kelch-like family member 36	ENSECAG00000015889
0.42	CXorf56	chromosome X open reading frame 56	ENSECAG00000015869

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.42	KCTD1	potassium channel tetramerization domain containing 1	ENSECAG00000018895
0.42	MRPL13	mitochondrial ribosomal protein L13	ENSECAG00000021161
0.42	SLC45A4	solute carrier family 45, member 4	ENSECAG00000002520
0.42	GSS	glutathione synthetase	ENSECAG00000021620
0.42	FUNDC1	FUN14 domain containing 1	ENSECAG00000022709
0.42	CECR5	cat eye syndrome chromosome region, candidate 5	ENSECAG00000011574
0.42	C14orf79	chromosome 14 open reading frame 79	ENSECAG00000000391
0.42	KIN	KIN, antigenic determinant of recA protein homolog (mouse)	ENSECAG00000013570
0.42	FHOD1	formin homology 2 domain containing 1	ENSECAG00000013595
0.42	MARVELD2	MARVEL domain containing 2	ENSECAG00000010505
0.41	ACTR5	ARP5 actin-related protein 5 homolog (yeast)	ENSECAG00000024781
0.41	ATG2A	autophagy related 2A	ENSECAG00000013442
0.41	FBXL19	F-box and leucine-rich repeat protein 19	ENSECAG00000018851
0.41	PTK2	protein tyrosine kinase 2	ENSECAG00000014150
0.41	HHEX	hematopoietically expressed homeobox	ENSECAG00000005199
0.41	TMPRSS13	transmembrane protease, serine 13	ENSECAG00000011308
0.41	DLL1	delta-like 1 (Drosophila)	ENSECAG00000014357
0.41	HSF2	heat shock transcription factor 2	ENSECAG00000012553
0.41	FBXO33	F-box protein 33	ENSECAG00000021752
0.41	PPP2R5C	protein phosphatase 2, regulatory subunit B', gamma	ENSECAG00000019009
0.41	YLPM1	YLP motif containing 1	ENSECAG00000016305
0.41	SMARCAL1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a-like 1	ENSECAG00000007683
0.41	GRAMD3	GRAM domain containing 3	ENSECAG00000017800
0.41	TMEM89	transmembrane protein 89	ENSECAG00000020016
0.41	DNASE1L1	deoxyribonuclease I-like 1	ENSECAG00000003758
0.41	PKP4	plakophilin 4	ENSECAG00000014290
0.41	KRT4	keratin 4	ENSECAG00000018234
0.41	PPIP5K2	diphosphoinositol pentakisphosphate kinase 2	ENSECAG00000016632
0.41	GBF1	golgi brefeldin A resistant guanine nucleotide exchange factor 1	ENSECAG00000023593

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.41	NFX1	nuclear transcription factor, X-box binding 1	ENSECAG00000021305
0.41			ENSECAG000000010668
0.41	FAM160A2	family with sequence similarity 160, member A2	ENSECAG00000009644
0.41	GABPB1	GA-binding protein subunit beta-1	ENSECAG000000016926
0.41	ACAP3	ArfGAP with coiled-coil, ankyrin repeat and PH domains 3	ENSECAG00000007315
0.41	ORAI3	ORAI calcium release-activated calcium modulator 3	ENSECAG000000017731
0.41	OPA1	optic atrophy 1 (autosomal dominant)	ENSECAG000000024248
0.41	LYSMD1	LysM, putative peptidoglycan-binding, domain containing 1	ENSECAG000000024738
0.41	DHODH	dihydroorotate dehydrogenase (quinone)	ENSECAG000000000603
0.41	MCCC2	methylcrotonoyl-CoA carboxylase 2 (beta)	ENSECAG000000010213
0.41	TAB3	TGF-beta activated kinase 1/MAP3K7 binding protein 3	ENSECAG000000017444
0.41	KAZALD1	Kazal-type serine peptidase inhibitor domain 1	ENSECAG000000013608
0.41	ATXN3	ataxin 3	ENSECAG000000015533
0.41	GTF2E2	general transcription factor IIE, polypeptide 2, beta 34kDa	ENSECAG000000017951
0.41	PLA2G4B	cytosolic phospholipase A2 beta	ENSECAG000000020966
0.41	IKBKAP	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein	ENSECAG000000014279
0.41	SP2	Sp2 transcription factor	ENSECAG000000012859
0.40	NMD3	NMD3 homolog (S. cerevisiae)	ENSECAG000000000188
0.40	RBPMS	RNA binding protein with multiple splicing	ENSECAG000000020735
0.40	RSU1	Ras suppressor protein 1	ENSECAG000000017242
0.40	PAWR	PRKC, apoptosis, WT1, regulator	ENSECAG000000019505
0.40	APOOL	apolipoprotein O-like	ENSECAG000000009229
0.40	DIEXF	digestive organ expansion factor homolog (zebrafish)	ENSECAG000000022381
0.40	DICER1	dicer 1, ribonuclease type III	ENSECAG000000006079
0.40	PRKCZ	protein kinase C, zeta	ENSECAG000000014312
0.40	FAM50B	family with sequence similarity 50, member B	ENSECAG000000014818
0.40	ZNF346	zinc finger protein 346	ENSECAG000000008904
0.40	KNOP1	lysine-rich nucleolar protein 1	ENSECAG000000002847
0.40	TPM1	tropomyosin 1 (alpha)	ENSECAG000000014949

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.40	CBY1	chibby homolog 1 (Drosophila)	ENSECAG00000007977
0.40	LCMT1	leucine carboxyl methyltransferase 1	ENSECAG00000013727
0.40	SFRP2	secreted frizzled-related protein 2	ENSECAG00000017027
0.40	USPL1	ubiquitin specific peptidase like 1	ENSECAG00000011889
0.40	SULT4A1	sulfotransferase family 4A, member 1	ENSECAG00000013205
0.40	SMAP1	small ArfGAP 1	ENSECAG00000021401
0.40	ZNF544	zinc finger protein 544	ENSECAG00000013122
0.40	BUD13	BUD13 homolog (S. cerevisiae)	ENSECAG00000008863
0.40	ERMP1	endoplasmic reticulum metallopeptidase 1	ENSECAG00000018498
0.40	FBXO4	F-box protein 4	ENSECAG00000015202
0.40	UCK2	uridine-cytidine kinase 2	ENSECAG00000016577
0.40	AGFG1	ArfGAP with FG repeats 1	ENSECAG00000015186
0.40	NR2C1	nuclear receptor subfamily 2, group C, member 1	ENSECAG00000000645
0.40	PM20D1	peptidase M20 domain containing 1	ENSECAG00000008354
0.40	MAP7	microtubule-associated protein 7	ENSECAG00000024302
0.40	TBX6	T-box 6	ENSECAG00000022374
0.40	RPRD1A	regulation of nuclear pre-mRNA domain containing 1A	ENSECAG00000000759
0.40	PIH1D2	PIH1 domain containing 2	ENSECAG00000012307
0.40	UNC13D	unc-13 homolog D (C. elegans)	ENSECAG00000016919
0.40	FAM105B	family with sequence similarity 105, member B	ENSECAG00000016599
0.40	RRP15	ribosomal RNA processing 15 homolog (S. cerevisiae)	ENSECAG00000010332
0.40	ZSCAN32	zinc finger and SCAN domain containing 32	ENSECAG00000023327
0.40	ATP6V0A1	ATPase, H+ transporting, lysosomal V0 subunit a1	ENSECAG00000016326
0.40	THOC2	THO complex 2	ENSECAG00000010431
0.40	SNAPC4	small nuclear RNA activating complex, polypeptide 4, 190kDa	ENSECAG00000015762
0.40	C1orf189	chromosome 1 open reading frame 189	ENSECAG00000009108
0.40	SALL2	sal-like 2 (Drosophila)	ENSECAG00000024449
0.40	MRPS35	mitochondrial ribosomal protein S35	ENSECAG00000010929
0.40		Uncharacterized protein	ENSECAG00000007807
0.40	C12orf43	chromosome 12 open reading frame 43	ENSECAG00000014885

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.40	ZNF879	zinc finger protein 879	ENSECAG00000023471
0.40	PNPLA8	patatin-like phospholipase domain containing 8	ENSECAG00000012878
0.40	ELP6	elongator acetyltransferase complex subunit 6	ENSECAG00000024036
0.40	KPNA1	karyopherin alpha 1 (importin alpha 5)	ENSECAG00000017694
0.40	DNAJC15	DnaJ (Hsp40) homolog, subfamily C, member 15	ENSECAG00000007757
0.40		Uncharacterized protein	ENSECAG00000009625
0.40	HBS1L	HBS1-like (<i>S. cerevisiae</i>)	ENSECAG00000004470
0.40	SH3TC1	SH3 domain and tetratricopeptide repeats 1	ENSECAG00000020879
0.40	PIK3CA	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha	ENSECAG00000015019
0.40	UBR5	ubiquitin protein ligase E3 component n-recogin 5	ENSECAG00000015755
0.40	USP15	ubiquitin specific peptidase 15	ENSECAG00000022494
0.40	C14orf93	chromosome 14 open reading frame 93	ENSECAG00000015564
0.39	LPIN3	lipin 3	ENSECAG00000016882
0.39	TMEM180	transmembrane protein 180	ENSECAG00000014757
0.39	AQR	aquarius homolog (mouse)	ENSECAG00000016399
0.39	FRA10AC1	fragile site, folic acid type, rare, fra(10)(q23.3) or fra(10)(q24.2) candidate 1	ENSECAG00000000030
0.39	C12orf49	chromosome 12 open reading frame 49	ENSECAG00000020684
0.39	NUP205	nucleoporin 205kDa	ENSECAG00000009751
0.39	ABLIM3	actin binding LIM protein family, member 3	ENSECAG00000016129
0.39	TRIM37	tripartite motif containing 37	ENSECAG00000009239
0.39	DCTN5	dynactin 5 (p25)	ENSECAG00000007875
0.39	TMEM104	transmembrane protein 104	ENSECAG00000006022
0.39			ENSECAG00000022573
0.39	ORAI2	ORAI calcium release-activated calcium modulator 2	ENSECAG00000011613
0.39	GPR180	G protein-coupled receptor 180	ENSECAG00000011085
0.39	LRSAM1	leucine rich repeat and sterile alpha motif containing 1	ENSECAG00000017934
0.39	GOSR1	golgi SNAP receptor complex member 1	ENSECAG00000021732
0.39	TMEM62	transmembrane protein 62	ENSECAG00000024443
0.39	PEX13	peroxisomal biogenesis factor 13	ENSECAG00000019622
0.39	CASP9	caspase 9, apoptosis-related cysteine peptidase	ENSECAG00000017291

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.39	FAM219A	family with sequence similarity 219, member A	ENSECAG00000012578
0.39	CALML4	calmodulin-like 4	ENSECAG00000021844
0.39	ACTR6	ARP6 actin-related protein 6 homolog (yeast)	ENSECAG00000017041
0.39	CDKAL1	CDK5 regulatory subunit associated protein 1-like 1	ENSECAG00000024919
0.39	PICK1	protein interacting with PRKCA 1	ENSECAG00000003570
0.39	LRRC16A	leucine rich repeat containing 16A	ENSECAG00000024334
0.39	ZNF554	zinc finger protein 554	ENSECAG00000019482
0.39	OGFRL1	opioid growth factor receptor-like 1	ENSECAG00000023753
0.39	KCTD5	potassium channel tetramerization domain containing 5	ENSECAG00000023359
0.39	NARG2	NMDA receptor regulated 2	ENSECAG00000008412
0.39	ZNF264	zinc finger protein 264	ENSECAG00000021397
0.39	FBXL2	F-box and leucine-rich repeat protein 2	ENSECAG00000024909
0.39	PIK3R4	phosphoinositide-3-kinase, regulatory subunit 4	ENSECAG00000018119
0.39	TMEM39B	transmembrane protein 39B	ENSECAG00000013603
0.39	SYNE4	spectrin repeat containing, nuclear envelope family member 4	ENSECAG00000000190
0.39	ESF1	ESF1, nucleolar pre-rRNA processing protein, homolog (S. cerevisiae)	ENSECAG00000019188
0.39	CTTNBP2	cortactin-binding protein 2	ENSECAG00000025076
0.38	C8G	complement component 8, gamma polypeptide	ENSECAG00000021738
0.38			ENSECAG00000020722
0.38	MUSTN1	musculoskeletal, embryonic nuclear protein 1	ENSECAG00000021806
0.38	HLX	H2.0-like homeobox	ENSECAG00000003025
0.38	TRMU	tRNA 5-methylaminomethyl-2-thiouridylate methyltransferase	ENSECAG00000000467
0.38	MYO5B	myosin VB	ENSECAG00000022515
0.38	INTS6	integrator complex subunit 6	ENSECAG00000013770
0.38	RBBP5	retinoblastoma binding protein 5	ENSECAG00000020825
0.38	WFIKKN1	WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 1	ENSECAG00000007997
0.38	SPG11	spastic paraplegia 11 (autosomal recessive)	ENSECAG00000001155
0.38	RNMT	RNA (guanine-7-) methyltransferase	ENSECAG00000018523
0.38	KLHDC9	kelch domain containing 9	ENSECAG00000019935
0.38	DNAJC11	DnaJ (Hsp40) homolog, subfamily C, member 11	ENSECAG00000006819

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.38	TTC19	tetratricopeptide repeat domain 19	ENSECAG00000008225
0.38	ELP2	elongator acetyltransferase complex subunit 2	ENSECAG00000010226
0.38	MRPL1	mitochondrial ribosomal protein L1	ENSECAG00000024511
0.38	BCOR	BCL6 corepressor	ENSECAG00000005995
0.38	PXMP4	peroxisomal membrane protein 4, 24kDa	ENSECAG00000024954
0.38	NSUN4	NOP2/Sun domain family, member 4	ENSECAG00000016711
0.38	CORO2A	coronin, actin binding protein, 2A	ENSECAG00000017890
0.38	PPME1	protein phosphatase methylesterase 1	ENSECAG00000010756
0.38	WDR33	WD repeat domain 33	ENSECAG00000000691
0.38	UBE2G2	ubiquitin-conjugating enzyme E2G 2	ENSECAG00000015327
0.38	PARP11	poly (ADP-ribose) polymerase family, member 11	ENSECAG00000006287
0.38	FBXO10	F-box protein 10	ENSECAG00000019472
0.38	ABCB7	ATP-binding cassette, sub-family B (MDR/TAP), member 7	ENSECAG00000000643
0.38		Uncharacterized protein	ENSECAG00000012944
0.38	BNIP2	BCL2/adenovirus E1B 19kDa interacting protein 2	ENSECAG00000022557
0.38	ATF7IP2	activating transcription factor 7 interacting protein 2	ENSECAG00000022565
0.38	HMMR	hyaluronan-mediated motility receptor (RHAMM)	ENSECAG00000008506
0.38	CHKA	choline kinase alpha	ENSECAG00000011539
0.37	PRMT10	protein arginine methyltransferase 10 (putative)	ENSECAG00000018097
0.37	ABCD3	ATP-binding cassette, sub-family D (ALD), member 3	ENSECAG00000023731
0.37	CCDC25	coiled-coil domain containing 25	ENSECAG00000011924
0.37	FAM110A	family with sequence similarity 110, member A	ENSECAG00000017451
0.37	IL-1RII	interleukin-1 receptor type II	ENSECAG00000000288
0.37	KLHL5	kelch-like family member 5	ENSECAG00000008627
0.37	VAMP4	vesicle-associated membrane protein 4	ENSECAG00000013165
0.37	TM4SF5	transmembrane 4 L six family member 5	ENSECAG00000016749
0.37	USB1	U6 snRNA biogenesis 1	ENSECAG00000019493
0.37	INPP5B	inositol polyphosphate-5-phosphatase, 75kDa	ENSECAG00000019874
0.37	AGBL5	ATP/GTP binding protein-like 5	ENSECAG00000007490
0.37	ADHFE1	alcohol dehydrogenase, iron containing, 1	ENSECAG00000000795

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.37	PLXNB1	plexin B1	ENSECAG00000014767
0.37	MYO19	myosin XIX	ENSECAG00000023440
0.37			ENSECAG00000008327
0.37		Uncharacterized protein	ENSECAG00000019585
0.37	F8	coagulation factor VIII, procoagulant component	ENSECAG00000015044
0.37	SUCLG2	succinate-CoA ligase, GDP-forming, beta subunit	ENSECAG00000023254
0.37	TUBGCP5	tubulin, gamma complex associated protein 5	ENSECAG00000005538
0.37		Uncharacterized protein	ENSECAG00000023948
0.37	COMMD9	COMM domain containing 9	ENSECAG00000019749
0.37	CTPS2	CTP synthase 2	ENSECAG00000017669
0.37	AAMDC	adipogenesis associated, Mth938 domain containing	ENSECAG00000010625
0.37	CNR2	cannabinoid receptor 2 (macrophage)	ENSECAG00000005682
0.37	RBBP8	retinoblastoma binding protein 8	ENSECAG00000018454
0.37	ZNF354B	zinc finger protein 354B	ENSECAG00000012028
0.37	USP3	ubiquitin carboxyl-terminal hydrolase 3	ENSECAG00000016660
0.37	RAD51	RAD51 recombinase	ENSECAG00000017647
0.37	GPATCH1	G patch domain containing 1	ENSECAG00000022743
0.37	ZNF212	zinc finger protein 212	ENSECAG00000012758
0.37	CRCP	CGRP receptor component	ENSECAG00000011060
0.37	SUV39H1	suppressor of variegation 3-9 homolog 1 (Drosophila)	ENSECAG00000015438
0.37	BLM	Bloom syndrome, RecQ helicase-like	ENSECAG00000011405
0.37	IGHMBP2	immunoglobulin mu binding protein 2	ENSECAG00000019360
0.37			ENSECAG00000016165
0.36	MRRF	mitochondrial ribosome recycling factor	ENSECAG00000025085
0.36	AP1S3	adaptor-related protein complex 1, sigma 3 subunit	ENSECAG00000013268
0.36	ZNF197	zinc finger protein 197	ENSECAG00000011611
0.36	CHD1	chromodomain helicase DNA binding protein 1	ENSECAG00000012445
0.36	SNTA1	syntrophin, alpha 1	ENSECAG00000020715
0.36	NGEF	neuronal guanine nucleotide exchange factor	ENSECAG00000011222
0.36	FIP1L1	factor interacting with PAPOLA and CPSF1	ENSECAG00000019415

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.36	MASTL	microtubule associated serine/threonine kinase-like	ENSECAG00000012629
0.36	CXorf38	chromosome X open reading frame 38	ENSECAG00000013312
0.36	ATP6V0D2	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d2	ENSECAG00000015484
0.36	AGPAT5	1-acylglycerol-3-phosphate O-acyltransferase 5	ENSECAG00000016106
0.36	SLC25A13	solute carrier family 25 (aspartate/glutamate carrier), member 13	ENSECAG00000013738
0.36	WIBG	within bgcn homolog (Drosophila)	ENSECAG00000011870
0.36	CEP57L1	centrosomal protein 57kDa-like 1	ENSECAG00000009776
0.36	PAPD4	PAP associated domain containing 4	ENSECAG00000012698
0.36	NLN	neurolysin (metallopeptidase M3 family)	ENSECAG00000011478
0.36	NMRK1	nicotinamide riboside kinase 1	ENSECAG00000007336
0.36	KRT23	keratin 23 (histone deacetylase inducible)	ENSECAG00000014812
0.36	CDR2	cerebellar degeneration-related protein 2, 62kDa	ENSECAG00000014770
0.36	ZNF487	zinc finger protein 487	ENSECAG00000010279
0.36	UIMC1	ubiquitin interaction motif containing 1	ENSECAG00000011567
0.36	ZSCAN20	zinc finger and SCAN domain containing 20	ENSECAG00000012735
0.36	ATG5	autophagy related 5	ENSECAG00000013971
0.36	DNMBP	dynamin binding protein	ENSECAG00000010813
0.36			ENSECAG00000017803
0.36		Uncharacterized protein	ENSECAG00000019130
0.36	CUL2	cullin 2	ENSECAG00000015528
0.36	FBF1	Fas (TNFRSF6) binding factor 1	ENSECAG00000024863
0.36		Uncharacterized protein	ENSECAG00000011843
0.36	PPFIBP2	PTPRF interacting protein, binding protein 2 (liprin beta 2)	ENSECAG00000012953
0.36	CCDC87	coiled-coil domain containing 87	ENSECAG00000006918
0.36	C3orf14	chromosome 3 open reading frame 14	ENSECAG00000001334
0.36	TTK	TTK protein kinase	ENSECAG00000023776
0.35	SNAPC3	small nuclear RNA activating complex, polypeptide 3, 50kDa	ENSECAG00000006422
0.35		Uncharacterized protein	ENSECAG00000014339
0.35	SLC19A1	solute carrier family 19 (folate transporter), member 1	ENSECAG00000002116
0.35	RNASEH2B	ribonuclease H2, subunit B	ENSECAG00000014262

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.35	FANCD2	Fanconi anemia, complementation group D2	ENSECAG00000018519
0.35	ZNF546	zinc finger protein 546	ENSECAG00000022748
0.35	VEPH1	ventricular zone expressed PH domain-containing 1	ENSECAG00000010484
0.35	CEP95	centrosomal protein 95kDa	ENSECAG00000020900
0.35	TANGO2	transport and golgi organization 2 homolog (Drosophila)	ENSECAG00000008697
0.35	C16orf70	chromosome 16 open reading frame 70	ENSECAG00000022219
0.35	EXOC1	exocyst complex component 1	ENSECAG00000023793
0.35	CDK5RAP1	CDK5 regulatory subunit associated protein 1	ENSECAG00000010370
0.35	RAB4A	RAB4A, member RAS oncogene family	ENSECAG00000005207
0.35	PPIL3	peptidylprolyl isomerase (cyclophilin)-like 3	ENSECAG00000019985
0.35	DPP9	dipeptidyl-peptidase 9	ENSECAG00000024983
0.35	RNF214	ring finger protein 214	ENSECAG00000010374
0.35	SGOL2	shugoshin-like 2 (S. pombe)	ENSECAG00000006038
0.35	RASSF5	Ras association (RalGDS/AF-6) domain family member 5	ENSECAG00000019451
0.35	CENPC	centromere protein C	ENSECAG00000018267
0.35	GNB1L	guanine nucleotide binding protein (G protein), beta polypeptide 1-like	ENSECAG00000026940
0.35	GMEB1	glucocorticoid modulatory element binding protein 1	ENSECAG00000009764
0.35		Uncharacterized protein	ENSECAG00000014036
0.35		Uncharacterized protein	ENSECAG00000006725
0.35	RNF115	ring finger protein 115	ENSECAG00000009030
0.35	PSPC1	paraspeckle component 1	ENSECAG00000017286
0.35	C5orf52	chromosome 5 open reading frame 52	ENSECAG00000019982
0.34	C17orf104	chromosome 17 open reading frame 104	ENSECAG00000016844
0.34	UQCC	ubiquinol-cytochrome c reductase complex chaperone	ENSECAG00000011605
0.34	PTEN	phosphatase and tensin homolog	ENSECAG00000017012
0.34	TMEM243	transmembrane protein 243, mitochondrial	ENSECAG00000027000
0.34	KDSR	3-ketodihydrosphingosine reductase	ENSECAG00000020472
0.34		Uncharacterized protein	ENSECAG00000001276
0.34	RABL3	RAB, member of RAS oncogene family-like 3	ENSECAG00000023059
0.34	ANK3	ankyrin 3, node of Ranvier (ankyrin G)	ENSECAG00000009700

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0.34	TLE1	transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)	ENSECAG00000013680
0.34	CAMSAP2	calmodulin regulated spectrin-associated protein family, member 2	ENSECAG00000012562
0.34	DNAH1	dynein, axonemal, heavy chain 1	ENSECAG00000000475
0.34	STAMBPL1	STAM binding protein-like 1	ENSECAG00000019229
0.34	LACC1	laccase (multicopper oxidoreductase) domain containing 1	ENSECAG00000018885
0.34	FAM83B	family with sequence similarity 83, member B	ENSECAG00000024109
0.34	MASP2	mannan-binding lectin serine peptidase 2	ENSECAG00000021756
0.34	SPA17	sperm autoantigenic protein 17	ENSECAG00000020689
0.34	ZCCHC17	zinc finger, CCHC domain containing 17	ENSECAG00000025040
0.34	TOMM34	translocase of outer mitochondrial membrane 34	ENSECAG00000020421
0.33	KLK4	kallikrein-related peptidase 4	ENSECAG00000018268
0.33	SMARCAD1	SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1	ENSECAG00000011562
0.33	RGS10	regulator of G-protein signaling 10	ENSECAG00000023632
0.33	PEX7	peroxisomal biogenesis factor 7	ENSECAG00000007461
0.33	MTX2	metaxin 2	ENSECAG00000022464
0.33	RARS2	arginyl-tRNA synthetase 2, mitochondrial	ENSECAG00000011589
0.33	ZNF644	zinc finger protein 644	ENSECAG00000010304
0.33	LIPT1	lipoyltransferase 1	ENSECAG00000019035
0.33	PIAS2	protein inhibitor of activated STAT, 2	ENSECAG00000002816
0.33	DGKQ	diacylglycerol kinase, theta 110kDa	ENSECAG00000022309
0.33	TIMMDC1	translocase of inner mitochondrial membrane domain containing 1	ENSECAG00000005889
0.33	VPS45	vacuolar protein sorting 45 homolog (S. cerevisiae)	ENSECAG00000013816
0.33	CSTF3	cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa	ENSECAG00000023338
0.32		Uncharacterized protein	ENSECAG00000018522
0.32	HSD17B14	hydroxysteroid (17-beta) dehydrogenase 14	ENSECAG00000020714
0.32	BIN3	bridging integrator 3	ENSECAG00000022315
0.32	MECR	mitochondrial trans-2-enoyl-CoA reductase	ENSECAG00000015370
0.32		Uncharacterized protein	ENSECAG00000021915
0.32	LURAP1L	leucine rich adaptor protein 1-like	ENSECAG00000008425

average rpkm	Gene Symbol	Gene Name	Ensembl Gene ID
0.32	LTBP1	latent transforming growth factor beta binding protein 1	ENSECAG00000019691
0.32	FHL2	four and a half LIM domains 2	ENSECAG00000022203
0.32	DIRC2	disrupted in renal carcinoma 2	ENSECAG00000021542
0.32		Uncharacterized protein	ENSECAG00000011687