21052N

Global Summary

%DE = 0.11

genes with fdr < 0.2 = 4102 (2439 + / 1663 −)

genes with fdr < 0.1 = 3051 (1897 + / 1154 −)

genes with fdr < 0.05 = 2620 (1665 + / 955 −)

genes with fdr < 0.01 = 1902 (1241 + / 661 −)

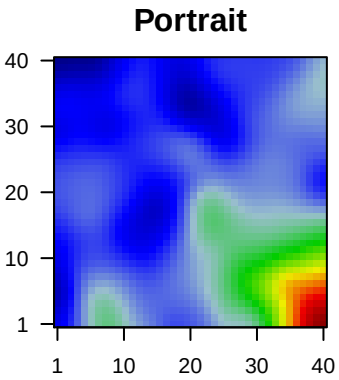
genes in genesets = 16360

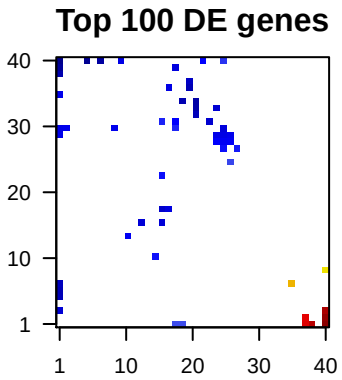
<FC> = 0

<t−score> = −0.16

<p−value> = 0.16

<fdr> = 0.89





Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1554299_at	2.41	2e−16	1e−13	40 x 9	neuronal PAS domain protein 4 [Source:HGNC Symbol;Acc:H
2	1558569_at	−1.63	2e−16	1e−13	1 x 40	
3	1559402_a_at	−1.29	2e−16	1e−13	10 x 40	
4	201341_at	1.11	2e−16	1e−13	40 x 3	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
5	201416_at	−2.37	2e−16	1e−13	1 x 6	SRY−box 4 [Source:HGNC Symbol;Acc:HGNC:11200]
6	201417_at	−1.1	2e−16	1e−13	1 x 6	SRY−box 4 [Source:HGNC Symbol;Acc:HGNC:11200]
7	201418_s_at	−1.23	2e−16	1e−13	1 x 30	SRY−box 4 [Source:HGNC Symbol;Acc:HGNC:11200]
8	201506_at	−1.61	2e−16	1e−13	18 x 31	transforming growth factor beta induced [Source:HGNC Symt
9	201645_at	−1.44	2e−16	1e−13	20 x 37	tenascin C [Source:HGNC Symbol;Acc:HGNC:5318]
10	201743_at	−1.68	2e−16	1e−13	21 x 33	CD14 molecule [Source:HGNC Symbol;Acc:HGNC:1628]
11	201909_at	−1.72	2e−16	1e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:I
12	202376_at	−1.52	2e−16	1e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
13	203001_s_at	1.18	2e−16	1e−13	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
14	203797_at	1.33	2e−16	1e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
15	203868_s_at	−1.92	2e−16	1e−13	23 x 31	vascular cell adhesion molecule 1 [Source:HGNC Symbol;Acc
16	203989_x_at	−1.38	2e−16	1e−13	13 x 16	coagulation factor II thrombin receptor [Source:HGNC Symbo
17	203999_at	1.23	2e−16	1e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
18	204081_at	1.26	2e−16	1e−13	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
19	204229_at	1.46	2e−16	1e−13	40 x 1	solute carrier family 17 member 7 [Source:HGNC Symbol;Acc
20	204416_x_at	−1.15	2e−16	1e−13	17 x 36	apolipoprotein C1 [Source:HGNC Symbol;Acc:HGNC:607]

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	18.36	NULL	574	BP	synapse
2	17.09	NULL	236	BP	chemical synaptic transmission
3	15.14	NULL	4278	BP	plasma membrane
4	13.86	NULL	240	BP	postsynaptic membrane
5	13.78	NULL	7387	BP	membrane
6	11.34	NULL	627	BP	ion transport
7	10.13	NULL	51	BP	neurotransmitter secretion
8	10.13	NULL	28	BP	synaptic vesicle exocytosis
9	10.07	NULL	27	BP	glutamate secretion
10	9.57	NULL	33	BP	regulation of exocytosis
11	9.53	NULL	505	BP	nervous system development
12	9.42	NULL	149	BP	regulation of ion transmembrane transport
13	9.39	NULL	131	BP	presynapse
14	9.32	NULL	119	BP	postsynapse
15	9.1	NULL	51	BP	regulation of synaptic plasticity
16	8.58	NULL	65	BP	learning
17	8.46	NULL	51	BP	regulation of synaptic vesicle exocytosis
18	8.26	NULL	79	BP	memory
19	8.24	NULL	131	BP	potassium ion transport
20	8.24	NULL	43	BP	neurotransmitter transport
Underexpressed					
1	−9.95	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
2	−9.89	NULL	90	BP	viral transcription
3	−9.27	NULL	276	BP	translation
4	−9.22	NULL	120	BP	translational initiation
5	−8.81	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediatec
6	−7.72	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
7	−7.53	NULL	229	BP	mRNA splicing, via spliceosome
8	−7.47	NULL	1387	BP	regulation of transcription, DNA−templated
9	−7.28	NULL	152	BP	rRNA processing
10	−7.21	NULL	366	BP	DNA repair
11	−7.01	NULL	564	BP	immune system process
12	−6.7	NULL	484	BP	cellular response to DNA damage stimulus
13	−6.56	NULL	158	BP	DNA replication
14	−6.46	NULL	279	BP	RNA splicing
15	−6.3	NULL	630	BP	cell cycle
16	−6.27	NULL	1145	BP	regulation of transcription by RNA polymerase II
17	−6.19	NULL	1086	BP	positive regulation of transcription by RNA polymerase II
18	−6.12	NULL	358	BP	mRNA processing
19	−5.63	NULL	400	BP	chromatin binding
20	−5.58	NULL	342	BP	chromatin organization