1271M

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 2421 (1756 + / 665 −)

genes with fdr < 0.1 = 1784 (1361 + / 423 −)

genes with fdr < 0.05 = 1460 (1150 + / 310 −)

genes with fdr < 0.01 = 1012 (821 + / 191 −)

genes in genesets = 16360

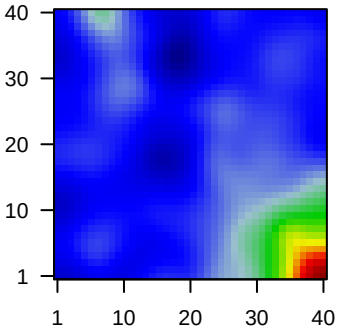
<FC> = 0

<t−score> = 0.12

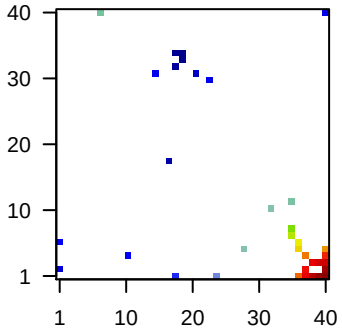
<p−value> = 0.21

<fdr> = 0.93

Portrait



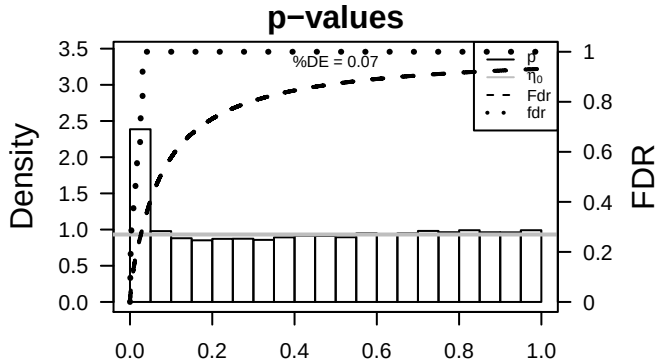
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1554663_a_a	1.81	2e−16	3e−13	32 x 11	nuclear mitotic apparatus protein 1 [Source:HGNC Symbol;Ac
2	1555800_at	1.64	2e−16	3e−13	40 x 1	zinc finger protein 385B [Source:HGNC Symbol;Acc:HGNC:2
3	201141_at	−1.78	2e−16	3e−13	18 x 32	glycoprotein nmb [Source:HGNC Symbol;Acc:HGNC:4462]
4	201340_s_at	0.95	2e−16	3e−13	40 x 1	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
5	201909_at	1.13	2e−16	3e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
6	202376_at	−0.89	2e−16	3e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
7	202507_s_at	0.91	2e−16	3e−13	38 x 1	synaptosome associated protein 25 [Source:HGNC Symbol;A
8	202508_s_at	0.77	2e−16	3e−13	37 x 1	synaptosome associated protein 25 [Source:HGNC Symbol;A
9	202988_s_at	−1.48	2e−16	3e−13	21 x 31	regulator of G protein signaling 1 [Source:HGNC Symbol;Acc
10	203000_at	0.93	2e−16	3e−13	37 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
11	203001_s_at	1.08	2e−16	3e−13	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
12	203797_at	1.18	2e−16	3e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
13	203798_s_at	1.45	2e−16	3e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
14	203998_s_at	1.22	2e−16	3e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
15	203999_at	0.96	2e−16	3e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
16	204081_at	1.11	2e−16	3e−13	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
17	205113_at	1.45	2e−16	3e−13	40 x 1	neurofilament medium [Source:HGNC Symbol;Acc:HGNC:77
18	205336_at	2.01	2e−16	3e−13	39 x 1	parvalbumin [Source:HGNC Symbol;Acc:HGNC:9704]
19	205591_at	0.8	2e−16	3e−13	37 x 1	olfactomedin 1 [Source:HGNC Symbol;Acc:HGNC:17187]
20	206501_x_at	−0.9	2e−16	3e−13	1 x 2	ETS variant 1 [Source:HGNC Symbol;Acc:HGNC:3490]

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	20	NULL	574	BP	synapse
2	15.6	NULL	236	BP	chemical synaptic transmission
3	13.86	NULL	240	BP	postsynaptic membrane
4	13.16	NULL	7387	BP	membrane
5	12.23	NULL	505	BP	nervous system development
6	11.53	NULL	28	BP	synaptic vesicle exocytosis
7	11.17	NULL	4278	BP	plasma membrane
8	10.75	NULL	51	BP	neurotransmitter secretion
9	10.63	NULL	627	BP	ion transport
10	9.57	NULL	131	BP	presynapse
11	9.56	NULL	33	BP	regulation of exocytosis
12	9.48	NULL	149	BP	regulation of ion transmembrane transport
13	9.46	NULL	27	BP	glutamate secretion
14	9.11	NULL	119	BP	postsynapse
15	9	NULL	131	BP	potassium ion transport
16	8.64	NULL	122	BP	potassium ion transmembrane transport
17	8.56	NULL	51	BP	regulation of synaptic vesicle exocytosis
18	8.53	NULL	43	BP	neurotransmitter transport
19	8.21	NULL	19	BP	regulation of neuronal synaptic plasticity
20	8.04	NULL	13	BP	synaptic transmission, GABAergic
Underexpressed					
1	−9.23	NULL	564	BP	immune system process
2	−8.49	NULL	388	BP	immune response
3	−7.74	NULL	1387	BP	regulation of transcription, DNA−templated
4	−7.6	NULL	364	BP	inflammatory response
5	−7.59	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
6	−7.18	NULL	417	BP	innate immune response
7	−6.9	NULL	1086	BP	positive regulation of transcription by RNA polymerase II
8	−6.89	NULL	158	BP	DNA replication
9	−6.61	NULL	1145	BP	regulation of transcription by RNA polymerase II
10	−6.33	NULL	843	BP	DNA−binding transcription factor activity
11	−6.27	NULL	484	BP	cellular response to DNA damage stimulus
12	−6.01	NULL	460	BP	neutrophil degranulation
13	−5.95	NULL	630	BP	cell cycle
14	−5.94	NULL	289	BP	cytokine−mediated signaling pathway
15	−5.91	NULL	366	BP	DNA repair
16	−5.75	NULL	64	BP	regulation of complement activation
17	−5.67	NULL	64	BP	complement activation, classical pathway
18	−5.43	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
19	−5.36	NULL	231	BP	extracellular matrix organization
20	−5.35	NULL	229	BP	mRNA splicing, via spliceosome