8454H

Global Summary

%DE = 0.08

genes with fdr < 0.2 = 2176 (521 + / 1655 −)

genes with fdr < 0.1 = 1417 (284 + / 1133 −)

genes with fdr < 0.05 = 1024 (178 + / 846 −)

genes with fdr < 0.01 = 594 (84 + / 510 −)

genes in genesets = 16360

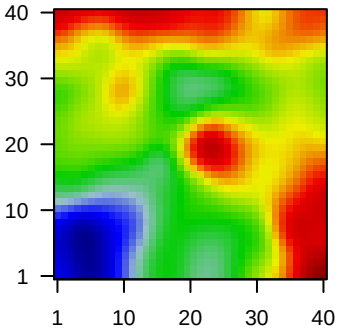
<FC> = 0

<t−score> = −0.55

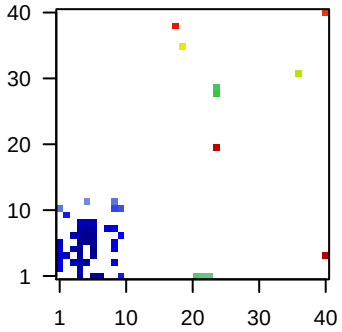
<p−value> = 0.23

<fdr> = 0.92

Portrait



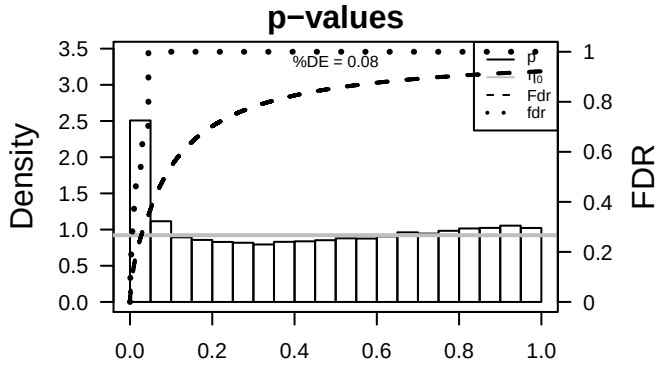
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	212179_at	−1.68	2e−16	2e−12	5 x 8	PNN interacting serine and arginine rich protein [Source:HGN
2	219537_x_at	−1.85	2e−16	2e−12	1 x 5	delta like canonical Notch ligand 3 [Source:NCBI gene;Acc:1(
3	221763_at	−1.64	2e−16	2e−12	4 x 8	jumonji domain containing 1C [Source:HGNC Symbol;Acc:HC
4	224654_at	−1.75	2e−16	2e−12	5 x 6	DExD−box helicase 21 [Source:HGNC Symbol;Acc:HGNC:27
5	226721_at	−1.73	2e−16	2e−12	9 x 8	dpy−19 like 4 [Source:HGNC Symbol;Acc:HGNC:27829]
6	227260_at	−2.35	2e−16	2e−12	4 x 9	
7	210815_s_at	−2.54	1e−15	3e−11	1 x 4	calcitonin receptor like receptor [Source:HGNC Symbol;Acc:H
8	203427_at	−1.81	1e−15	2e−10	4 x 5	anti−silencing function 1A histone chaperone [Source:HGNC
9	204273_at	−1.53	5e−15	8e−10	24 x 28	endothelin receptor type B [Source:HGNC Symbol;Acc:HGNC
10	202034_x_at	−1.5	2e−14	1e−09	6 x 6	RB1 inducible coiled−coil 1 [Source:HGNC Symbol;Acc:HGN
11	201416_at	−1.47	6e−14	1e−09	1 x 6	SRY−box 4 [Source:HGNC Symbol;Acc:HGNC:11200]
12	242883_at	3.11	7e−14	3e−09	24 x 20	otospiralin [Source:HGNC Symbol;Acc:HGNC:22644]
13	226350_at	−1.97	2e−13	3e−09	6 x 6	CHM like, Rab escort protein 2 [Source:HGNC Symbol;Acc:H
14	212012_at	−1.68	2e−13	3e−09	2 x 10	peroxidasin [Source:HGNC Symbol;Acc:HGNC:14966]
15	208883_at	−1.88	3e−13	3e−09	5 x 6	ubiquitin protein ligase E3 component n−recognin 5 [Source:H
16	232297_at	−1.51	3e−13	3e−09	5 x 9	
17	221606_s_at	−1.85	4e−13	3e−09	5 x 8	high mobility group nucleosome binding domain 5 [Source:HC
18	202018_s_at	3.01	4e−13	3e−09	19 x 35	lactotransferrin [Source:HGNC Symbol;Acc:HGNC:6720]
19	222235_s_at	−1.77	4e−13	4e−09	5 x 8	chondroitin sulfate N−acetylgalactosaminyltransferase 2 [Sou
20	212060_at	−1.66	5e−13	9e−09	5 x 8	U2 snRNP associated SURP domain containing [Source:HGI

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	8.16	NULL	574	BP	synapse
2	8.15	NULL	4278	BP	plasma membrane
3	6.88	NULL	627	BP	ion transport
4	5.79	NULL	28	BP	synaptic vesicle exocytosis
5	5.6	NULL	51	BP	antimicrobial humoral response
6	5.55	NULL	7387	BP	membrane
7	5.48	NULL	460	BP	neutrophil degranulation
8	5.44	NULL	236	BP	chemical synaptic transmission
9	5.31	NULL	240	BP	postsynaptic membrane
10	5.15	NULL	19	BP	regulation of neuronal synaptic plasticity
11	5.02	NULL	43	BP	mitochondrial electron transport, NADH to ubiquinone
12	5.02	NULL	190	BP	actin filament binding
13	5.02	NULL	51	BP	neurotransmitter secretion
14	4.96	NULL	26	BP	defense response to fungus
15	4.87	NULL	51	BP	regulation of synaptic plasticity
16	4.8	NULL	657	BP	calcium ion binding
17	4.69	NULL	27	BP	positive regulation of excitatory postsynaptic potential
18	4.64	NULL	149	BP	regulation of ion transmembrane transport
19	4.63	NULL	33	BP	regulation of exocytosis
20	4.51	NULL	48	BP	long−term synaptic potentiation
Underexpressed					
1	−10.21	NULL	1145	BP	regulation of transcription by RNA polymerase II
2	−9.64	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
3	−9.38	NULL	630	BP	cell cycle
4	−8.5	NULL	366	BP	DNA repair
5	−8.23	NULL	1387	BP	regulation of transcription, DNA−templated
6	−7.62	NULL	394	BP	cell division
7	−7.41	NULL	484	BP	cellular response to DNA damage stimulus
8	−6.57	NULL	158	BP	DNA replication
9	−6.48	NULL	358	BP	mRNA processing
10	−5.79	NULL	279	BP	RNA splicing
11	−5.75	NULL	101	BP	mRNA transport
12	−5.7	NULL	630	BP	protein transport
13	−5.58	NULL	229	BP	mRNA splicing, via spliceosome
14	−5.48	NULL	45	BP	non−motile cilium assembly
15	−5.13	NULL	99	BP	mRNA export from nucleus
16	−5.12	NULL	400	BP	chromatin binding
17	−5.12	NULL	843	BP	DNA−binding transcription factor activity
18	−5.03	NULL	56	BP	mRNA 3'−end processing
19	−4.89	NULL	164	BP	mitotic cell cycle
20	−4.72	NULL	545	BP	protein ubiquitination