8273P

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 1179 (79 + / 1100 −)

genes with fdr < 0.1 = 807 (42 + / 765 −)

genes with fdr < 0.05 = 643 (19 + / 624 −)

genes with fdr < 0.01 = 454 (6 + / 448 −)

genes in genesets = 16360

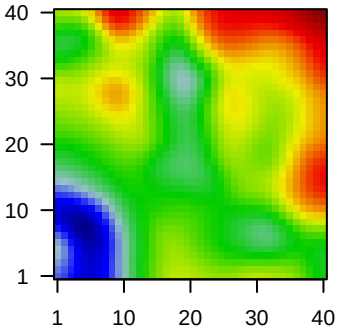
<FC> = 0

<t−score> = −0.39

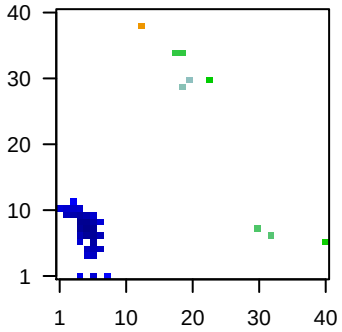
<p−value> = 0.27

<fdr> = 0.95

Portrait



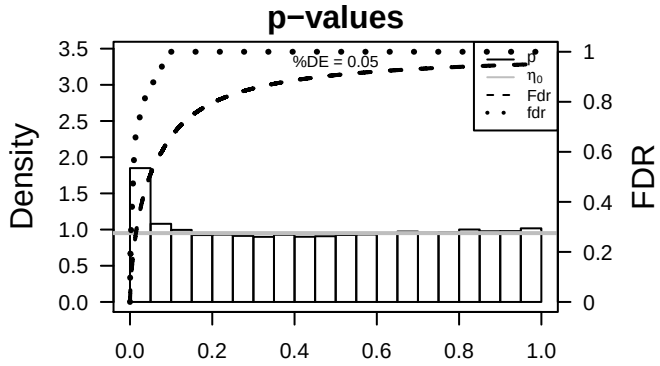
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1558796_a_a	−2.23	2e−16	3e−13	4 x 9	novel transcript
2	1558956_s_a	−1.8	2e−16	3e−13	7 x 9	intraflagellar transport 80 [Source:HGNC Symbol;Acc:HGNC:
3	200685_at	−2.05	2e−16	3e−13	5 x 9	serine and arginine rich splicing factor 11 [Source:HGNC Syn
4	202376_at	−2.13	2e−16	3e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
5	203253_s_at	−2.48	2e−16	3e−13	5 x 8	diphosphoinositol pentakisphosphate kinase 2 [Source:HGNC
6	208783_s_at	−1.79	2e−16	3e−13	6 x 8	CD46 molecule [Source:HGNC Symbol;Acc:HGNC:6953]
7	209189_at	−2.63	2e−16	3e−13	20 x 30	Fos proto−oncogene, AP−1 transcription factor subunit [Sourc
8	210425_x_at	−2.77	2e−16	3e−13	4 x 9	golgin A8 family member A [Source:HGNC Symbol;Acc:HGN
9	211090_s_at	−2.33	2e−16	3e−13	6 x 1	pre−mRNA processing factor 4B [Source:HGNC Symbol;Acc:
10	212179_at	−2.9	2e−16	3e−13	5 x 8	PNN interacting serine and arginine rich protein [Source:HGN
11	213359_at	−2.9	2e−16	3e−13	3 x 10	heterogeneous nuclear ribonucleoprotein D [Source:HGNC S
12	213737_x_at	−1.96	2e−16	3e−13	5 x 10	golgin A8 family member S [Source:HGNC Symbol;Acc:HGN
13	217317_s_at	−2.43	2e−16	3e−13	4 x 9	hect domain and RLD 2 pseudogene 2 [Source:HGNC Symb
14	221645_s_at	−1.93	2e−16	3e−13	4 x 10	zinc finger protein 83 [Source:HGNC Symbol;Acc:HGNC:131
15	221763_at	−2.13	2e−16	3e−13	4 x 8	jumonji domain containing 1C [Source:HGNC Symbol;Acc:HG
16	221768_at	−1.85	2e−16	3e−13	3 x 11	splicing factor proline and glutamine rich [Source:HGNC Sym
17	223300_s_at	−1.99	2e−16	3e−13	5 x 4	coiled−coil domain containing 82 [Source:HGNC Symbol;Acc
18	224558_s_at	−1.88	2e−16	3e−13	2 x 11	metastasis associated lung adenocarcinoma transcript 1 [Sou
19	225107_at	−2.63	2e−16	3e−13	4 x 9	heterogeneous nuclear ribonucleoprotein A2/B1 [Source:HGN
20	225786_at	−2.17	2e−16	3e−13	4 x 9	heterogeneous nuclear ribonucleoprotein U [Source:HGNC S

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	4.17	NULL	115	BP	keratinization
2	3.91	NULL	63	BP	negative regulation of neuron differentiation
3	3.47	NULL	159	BP	actin cytoskeleton organization
4	3.3	NULL	23	BP	triglyceride catabolic process
5	3.3	NULL	13	BP	synapse maturation
6	3.2	NULL	574	BP	synapse
7	3.17	NULL	25	BP	triglyceride homeostasis
8	3.16	NULL	28	BP	negative regulation of apoptotic signaling pathway
9	2.99	NULL	19	BP	nucleosome disassembly
10	2.94	NULL	96	BP	cornification
11	2.92	NULL	14	BP	vocalization behavior
12	2.83	NULL	28	BP	regulation of presynapse assembly
13	2.81	NULL	55	BP	steroid hormone mediated signaling pathway
14	2.78	NULL	240	BP	postsynaptic membrane
15	2.72	NULL	45	BP	cardiac muscle contraction
16	2.72	NULL	77	BP	cholesterol homeostasis
17	2.69	NULL	26	BP	oligodendrocyte development
18	2.66	NULL	16	BP	positive regulation of cholesterol efflux
19	2.65	NULL	59	BP	retinoid metabolic process
20	2.64	NULL	32	BP	positive regulation of BMP signaling pathway
Underexpressed					
1	−7.19	NULL	45	BP	non−motile cilium assembly
2	−7.16	NULL	173	BP	cilium assembly
3	−5.84	NULL	180	BP	cell projection organization
4	−5.72	NULL	366	BP	DNA repair
5	−5.71	NULL	19	BP	protein localization to centrosome
6	−5.13	NULL	93	BP	Golgi organization
7	−5.1	NULL	630	BP	cell cycle
8	−5.08	NULL	6202	BP	cytoplasm
9	−5.02	NULL	484	BP	cellular response to DNA damage stimulus
10	−4.97	NULL	20	BP	error−prone translesion synthesis
11	−4.89	NULL	12	BP	negative regulation by host of viral transcription
12	−4.81	NULL	12	BP	positive regulation of nitric−oxide synthase biosynthetic process
13	−4.78	NULL	15	BP	DNA double−strand break processing
14	−4.77	NULL	16	BP	establishment of planar polarity
15	−4.7	NULL	15	BP	centrosome duplication
16	−4.66	NULL	1145	BP	regulation of transcription by RNA polymerase II
17	−4.62	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
18	−4.57	NULL	4740	BP	cytosol
19	−4.49	NULL	1242	BP	Golgi apparatus
20	−4.44	NULL	630	BP	protein transport