41137T

Global Summary

%DE = 0.08

genes with fdr < 0.2 = 2700 (1162 + / 1538 −)

genes with fdr < 0.1 = 2108 (856 + / 1252 −)

genes with fdr < 0.05 = 1512 (562 + / 950 −)

genes with fdr < 0.01 = 1069 (370 + / 699 −)

genes in genesets = 16360

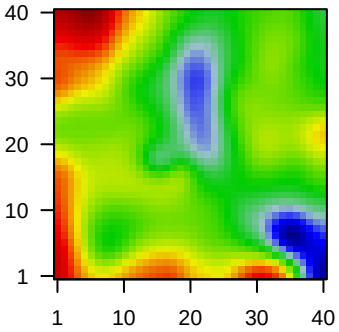
<FC> = 0

<t−score> = 0.04

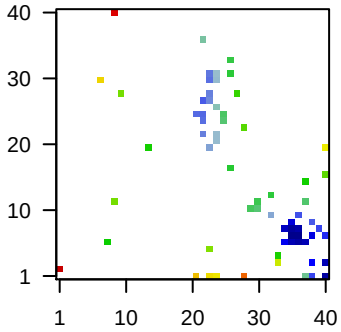
<p−value> = 0.2

<fdr> = 0.92

Portrait



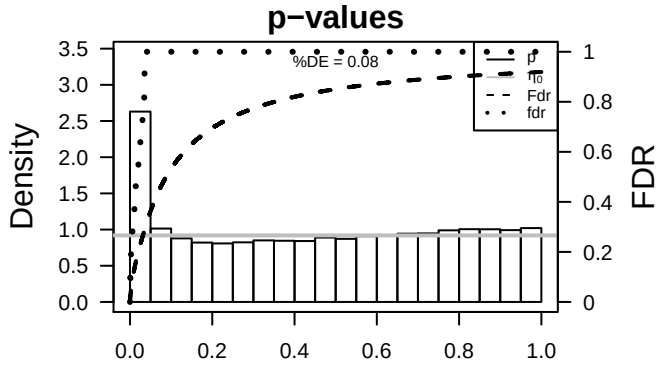
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1553411_s_at	−1.87	2e−16	1e−13	24 x 30	spalt like transcription factor 3 [Source:HGNC Symbol;Acc:HG
2	1556329_a_at	−1.29	2e−16	1e−13	8 x 6	protocadherin 10 [Source:HGNC Symbol;Acc:HGNC:13404]
3	1565809_x_at	−1.83	2e−16	1e−13	35 x 7	
4	200633_at	−0.99	2e−16	1e−13	26 x 17	ubiquitin B [Source:HGNC Symbol;Acc:HGNC:12463]
5	200862_at	−1.23	2e−16	1e−13	36 x 6	24−dehydrocholesterol reductase [Source:HGNC Symbol;Acc
6	201709_s_at	−1.56	2e−16	1e−13	37 x 15	nipsnap homolog 1 [Source:HGNC Symbol;Acc:HGNC:7827]
7	202071_at	−1.47	2e−16	1e−13	24 x 22	syndecan 4 [Source:HGNC Symbol;Acc:HGNC:10661]
8	203000_at	−1.29	2e−16	1e−13	37 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
9	203001_s_at	−1.17	2e−16	1e−13	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
10	203638_s_at	−1.76	2e−16	1e−13	36 x 8	fibroblast growth factor receptor 2 [Source:HGNC Symbol;Acc
11	203639_s_at	−1.98	2e−16	1e−13	35 x 7	fibroblast growth factor receptor 2 [Source:HGNC Symbol;Acc
12	203868_s_at	−1.52	2e−16	1e−13	23 x 31	vascular cell adhesion molecule 1 [Source:HGNC Symbol;Acc
13	204036_at	−1.35	2e−16	1e−13	34 x 8	lysophosphatidic acid receptor 1 [Source:HGNC Symbol;Acc:
14	204041_at	−1.27	2e−16	1e−13	23 x 20	monoamine oxidase B [Source:HGNC Symbol;Acc:HGNC:68
15	204320_at	−2.03	2e−16	1e−13	24 x 31	collagen type XI alpha 1 chain [Source:HGNC Symbol;Acc:HG
16	204378_at	−1.08	2e−16	1e−13	34 x 8	breast carcinoma amplified sequence 1 [Source:HGNC Symb
17	204467_s_at	−1.57	2e−16	1e−13	40 x 1	synuclein alpha [Source:HGNC Symbol;Acc:HGNC:11138]
18	204519_s_at	−1.15	2e−16	1e−13	35 x 8	plasmolipin [Source:HGNC Symbol;Acc:HGNC:18553]
19	204679_at	−1.32	2e−16	1e−13	38 x 1	potassium two pore domain channel subfamily K member 1 [S
20	204733_at	−2.26	2e−16	1e−13	35 x 7	kallikrein related peptidase 6 [Source:HGNC Symbol;Acc:HG

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	5.09	NULL	342	BP	chromatin organization
2	4.5	NULL	229	BP	mRNA splicing, via spliceosome
3	4.3	NULL	358	BP	mRNA processing
4	4.24	NULL	279	BP	RNA splicing
5	4.18	NULL	120	BP	translational initiation
6	4.07	NULL	48	BP	synapse organization
7	3.8	NULL	101	BP	mRNA transport
8	3.7	NULL	80	BP	response to endoplasmic reticulum stress
9	3.6	NULL	82	BP	BMP signaling pathway
10	3.56	NULL	21	BP	regulation of the force of heart contraction
11	3.52	NULL	276	BP	translation
12	3.51	NULL	22	BP	ionotropic glutamate receptor signaling pathway
13	3.46	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
14	3.43	NULL	18	BP	ionotropic glutamate receptor activity
15	3.39	NULL	139	BP	regulation of translation
16	3.34	NULL	17	BP	negative regulation of cell−matrix adhesion
17	3.25	NULL	31	BP	positive regulation of pri−miRNA transcription by RNA polymerase
18	3.25	NULL	90	BP	viral transcription
19	3.25	NULL	12	BP	dermatan sulfate biosynthetic process
20	3.21	NULL	1145	BP	regulation of transcription by RNA polymerase II
Underexpressed					
1	−6.71	NULL	388	BP	immune response
2	−6.67	NULL	7387	BP	membrane
3	−6.19	NULL	564	BP	immune system process
4	−6	NULL	659	BP	apoptotic process
5	−5.77	NULL	52	BP	myelination
6	−5.69	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
7	−5.38	NULL	13	BP	phospholipid catabolic process
8	−5.37	NULL	159	BP	response to lipopolysaccharide
9	−5.3	NULL	14	BP	negative regulation of peptidyl−tyrosine phosphorylation
10	−5.17	NULL	521	BP	lipid metabolic process
11	−5.13	NULL	6202	BP	cytoplasm
12	−5.1	NULL	4278	BP	plasma membrane
13	−5.09	NULL	13	BP	central nervous system myelination
14	−5.03	NULL	77	BP	cellular response to mechanical stimulus
15	−4.84	NULL	236	BP	chemical synaptic transmission
16	−4.83	NULL	11	BP	cyclooxygenase pathway
17	−4.8	NULL	10	BP	dopamine biosynthetic process
18	−4.7	NULL	364	BP	inflammatory response
19	−4.67	NULL	19	BP	long−chain fatty−acyl−CoA biosynthetic process
20	−4.53	NULL	13	BP	protein kinase C signaling