41038M

Global Summary

%DE = 0.11

genes with fdr < 0.2 = 4178 (2490 + / 1688 −)

genes with fdr < 0.1 = 3400 (2123 + / 1277 −)

genes with fdr < 0.05 = 2653 (1717 + / 936 −)

genes with fdr < 0.01 = 1817 (1232 + / 585 −)

genes in genesets = 16360

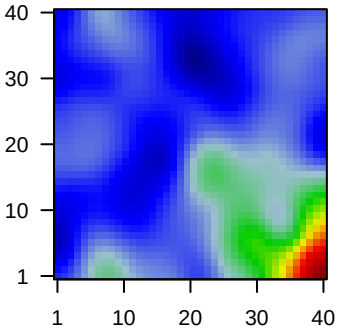
<FC> = 0

<t−score> = −0.23

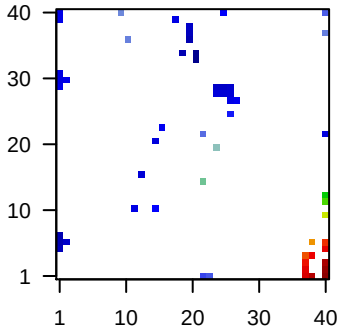
<p−value> = 0.16

<fdr> = 0.89

Portrait



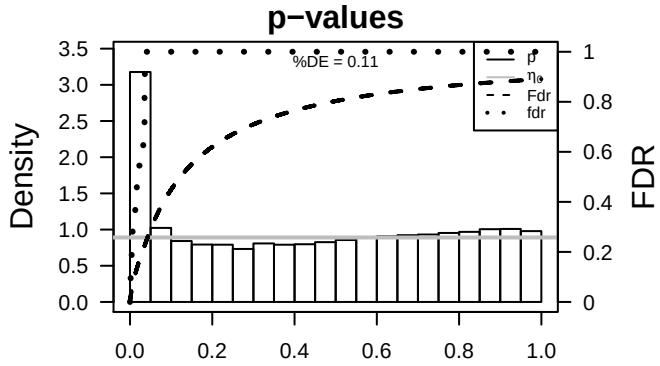
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	201340_s_at	1.49	2e−16	2e−13	40 x 1	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
2	201341_at	1.24	2e−16	2e−13	40 x 3	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
3	201416_at	−1.57	2e−16	2e−13	1 x 6	SRY−box 4 [Source:HGNC Symbol;Acc:HGNC:11200]
4	201417_at	−1.06	2e−16	2e−13	1 x 6	SRY−box 4 [Source:HGNC Symbol;Acc:HGNC:11200]
5	201645_at	−2.25	2e−16	2e−13	20 x 37	tenascin C [Source:HGNC Symbol;Acc:HGNC:5318]
6	202376_at	−1.4	2e−16	2e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
7	202507_s_at	1.16	2e−16	2e−13	38 x 1	synaptosome associated protein 25 [Source:HGNC Symbol;A
8	203797_at	1.4	2e−16	2e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
9	203989_x_at	−1.47	2e−16	2e−13	13 x 16	coagulation factor II thrombin receptor [Source:HGNC Symbo
10	203999_at	1.24	2e−16	2e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
11	204081_at	1.34	2e−16	2e−13	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
12	204229_at	1.47	2e−16	2e−13	40 x 1	solute carrier family 17 member 7 [Source:HGNC Symbol;Acc
13	204489_s_at	−1.35	2e−16	2e−13	21 x 34	CD44 molecule (Indian blood group) [Source:HGNC Symbol;A
14	204563_at	−1.49	2e−16	2e−13	26 x 27	selectin L [Source:HGNC Symbol;Acc:HGNC:10720]
15	204955_at	−1.27	2e−16	2e−13	26 x 25	sushi repeat containing protein X−linked [Source:HGNC Sym
16	205204_at	−1.76	2e−16	2e−13	24 x 29	neuromedin B [Source:HGNC Symbol;Acc:HGNC:7842]
17	205290_s_at	−1.78	2e−16	2e−13	1 x 5	bone morphogenetic protein 2 [Source:HGNC Symbol;Acc:HG
18	205576_at	2.92	2e−16	2e−13	40 x 12	serpin family D member 1 [Source:HGNC Symbol;Acc:HGNC
19	206243_at	−1.97	2e−16	2e−13	15 x 11	TIMP metallopeptidase inhibitor 4 [Source:HGNC Symbol;Acc
20	207091_at	−1.41	2e−16	2e−13	1 x 29	purinergic receptor P2X 7 [Source:HGNC Symbol;Acc:HGNC

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	20.6	NULL	574	BP	synapse
2	19.12	NULL	236	BP	chemical synaptic transmission
3	16.16	NULL	240	BP	postsynaptic membrane
4	14.08	NULL	4278	BP	plasma membrane
5	13.03	NULL	627	BP	ion transport
6	12.26	NULL	7387	BP	membrane
7	11.24	NULL	51	BP	neurotransmitter secretion
8	10.77	NULL	149	BP	regulation of ion transmembrane transport
9	9.82	NULL	505	BP	nervous system development
10	9.78	NULL	51	BP	regulation of synaptic vesicle exocytosis
11	9.68	NULL	28	BP	synaptic vesicle exocytosis
12	9.63	NULL	119	BP	postsynapse
13	9.54	NULL	27	BP	glutamate secretion
14	9.43	NULL	43	BP	neurotransmitter transport
15	9.43	NULL	131	BP	presynapse
16	9.23	NULL	51	BP	regulation of synaptic plasticity
17	9.04	NULL	33	BP	regulation of exocytosis
18	8.83	NULL	31	BP	regulation of NMDA receptor activity
19	8.72	NULL	118	BP	exocytosis
20	8.68	NULL	13	BP	synaptic transmission, GABAergic
Underexpressed					
1	−9.2	NULL	564	BP	immune system process
2	−8.19	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
3	−7.6	NULL	417	BP	innate immune response
4	−7.3	NULL	364	BP	inflammatory response
5	−7.16	NULL	1387	BP	regulation of transcription, DNA−templated
6	−6.71	NULL	1145	BP	regulation of transcription by RNA polymerase II
7	−6.66	NULL	388	BP	immune response
8	−6.54	NULL	158	BP	DNA replication
9	−6.48	NULL	630	BP	cell cycle
10	−6.45	NULL	366	BP	DNA repair
11	−6.19	NULL	10	BP	positive regulation of osteoblast proliferation
12	−6.17	NULL	484	BP	cellular response to DNA damage stimulus
13	−6.1	NULL	1086	BP	positive regulation of transcription by RNA polymerase II
14	−5.88	NULL	613	BP	positive regulation of transcription, DNA−templated
15	−5.7	NULL	155	BP	regulation of immune response
16	−5.6	NULL	229	BP	mRNA splicing, via spliceosome
17	−5.58	NULL	783	BP	negative regulation of transcription by RNA polymerase II
18	−5.53	NULL	90	BP	viral transcription
19	−5.47	NULL	184	BP	defense response to virus
20	−5.25	NULL	460	BP	neutrophil degranulation