3200P

Global Summary

%DE = 0.09

genes with fdr < 0.2 = 3263 (1241 + / 2022 −)

genes with fdr < 0.1 = 2573 (947 + / 1626 −)

genes with fdr < 0.05 = 2106 (753 + / 1353 −)

genes with fdr < 0.01 = 1419 (459 + / 960 −)

genes in genesets = 16360

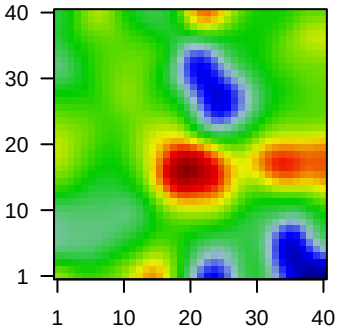
<FC> = 0

<t−score> = −0.37

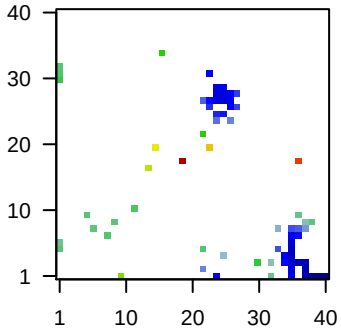
<p−value> = 0.17

<fdr> = 0.91

Portrait



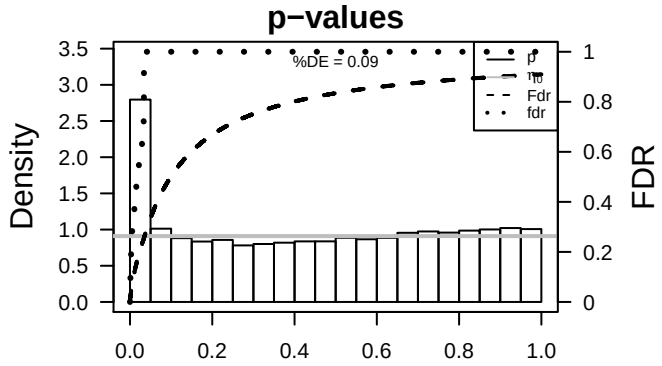
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556904_at	−2.43	2e−16	5e−14	36 x 3	novel transcript, overlapping GABRB1
2	1557256_a_at	−2.66	2e−16	5e−14	35 x 4	
3	1558170_at	−1.42	2e−16	5e−14	32 x 1	
4	1560741_at	−1.96	2e−16	5e−14	1 x 32	
5	1565162_s_at	−1.61	2e−16	5e−14	23 x 27	microsomal glutathione S−transferase 1 [Source:HGNC Symbol
6	1568603_at	−2.49	2e−16	5e−14	24 x 1	calcium dependent secretion activator [Source:HGNC Symbo
7	1568604_a_at	−2.37	2e−16	5e−14	24 x 1	calcium dependent secretion activator [Source:HGNC Symbo
8	1568612_at	−2.22	2e−16	5e−14	38 x 1	gamma−aminobutyric acid type A receptor gamma2 subunit [
9	201518_at	−1.47	2e−16	5e−14	22 x 5	chromobox 1 [Source:HGNC Symbol;Acc:HGNC:1551]
10	201522_x_at	−1.58	2e−16	5e−14	25 x 4	small nuclear ribonucleoprotein polypeptide N [Source:HGNC
11	201667_at	−1.32	2e−16	5e−14	23 x 26	gap junction protein alpha 1 [Source:HGNC Symbol;Acc:HGN
12	201842_s_at	−1.35	2e−16	5e−14	22 x 27	EGF containing fibulin extracellular matrix protein 1 [Source:H
13	201843_s_at	−2.2	2e−16	5e−14	23 x 27	EGF containing fibulin extracellular matrix protein 1 [Source:H
14	201983_s_at	−1.58	2e−16	5e−14	15 x 20	epidermal growth factor receptor [Source:HGNC Symbol;Acc:
15	201984_s_at	−1.68	2e−16	5e−14	14 x 17	epidermal growth factor receptor [Source:HGNC Symbol;Acc:
16	202085_at	−1.81	2e−16	5e−14	25 x 28	tight junction protein 2 [Source:HGNC Symbol;Acc:HGNC:11
17	202191_s_at	−1.24	2e−16	5e−14	37 x 8	growth arrest specific 7 [Source:HGNC Symbol;Acc:HGNC:4
18	202983_at	−1.76	2e−16	5e−14	6 x 8	helicase like transcription factor [Source:HGNC Symbol;Acc:H
19	203139_at	−1.9	2e−16	5e−14	27 x 28	death associated protein kinase 1 [Source:HGNC Symbol;Acc
20	203400_s_at	−1.34	2e−16	5e−14	35 x 7	transferrin [Source:HGNC Symbol;Acc:HGNC:11740]

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	6.86	NULL	231	BP	extracellular matrix organization
2	5.83	NULL	12	BP	regulation of postsynaptic neurotransmitter receptor activity
3	4.65	NULL	44	BP	collagen fibril organization
4	4.45	NULL	12	BP	keratan sulfate catabolic process
5	3.95	NULL	26	BP	glycosaminoglycan catabolic process
6	3.92	NULL	106	BP	anatomical structure morphogenesis
7	3.87	NULL	148	BP	skeletal system development
8	3.8	NULL	13	BP	supramolecular fiber organization
9	3.77	NULL	29	BP	endodermal cell differentiation
10	3.61	NULL	17	BP	membrane protein intracellular domain proteolysis
11	3.58	NULL	26	BP	endochondral ossification
12	3.48	NULL	51	BP	heart morphogenesis
13	3.41	NULL	13	BP	protein heterotrimerization
14	3.4	NULL	12	BP	negative regulation of receptor signaling pathway via JAK−STAT
15	3.4	NULL	10	BP	regulation of MAP kinase activity
16	3.39	NULL	254	BP	angiogenesis
17	3.33	NULL	21	BP	fibrinolysis
18	3.27	NULL	61	BP	extracellular matrix disassembly
19	3.26	NULL	13	BP	negative regulation of vascular endothelial growth factor receptor si
20	3.26	NULL	42	BP	regulation of signal transduction
Underexpressed					
1	−9.37	NULL	27	BP	gamma−aminobutyric acid signaling pathway
2	−7.19	NULL	15	BP	water transport
3	−6.98	NULL	1500	BP	signal transduction
4	−6.4	NULL	574	BP	synapse
5	−6.16	NULL	236	BP	chemical synaptic transmission
6	−6.03	NULL	777	BP	G protein−coupled receptor signaling pathway
7	−5.89	NULL	50	BP	nervous system process
8	−5.71	NULL	10	BP	dendrite extension
9	−5.57	NULL	13	BP	synaptic transmission, GABAergic
10	−5.43	NULL	65	BP	learning
11	−5.36	NULL	119	BP	postsynapse
12	−5.28	NULL	34	BP	renal water homeostasis
13	−5.11	NULL	240	BP	postsynaptic membrane
14	−4.99	NULL	12	BP	negative regulation of oligodendrocyte differentiation
15	−4.97	NULL	79	BP	memory
16	−4.91	NULL	18	BP	retinal ganglion cell axon guidance
17	−4.81	NULL	388	BP	immune response
18	−4.79	NULL	13	BP	central nervous system myelination
19	−4.77	NULL	4278	BP	plasma membrane
20	−4.72	NULL	33	BP	long−term memory