21330E

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 2275 (1215 + / 1060 −)

genes with fdr < 0.1 = 1594 (824 + / 770 −)

genes with fdr < 0.05 = 1169 (584 + / 585 −)

genes with fdr < 0.01 = 726 (338 + / 388 −)

genes in genesets = 16360

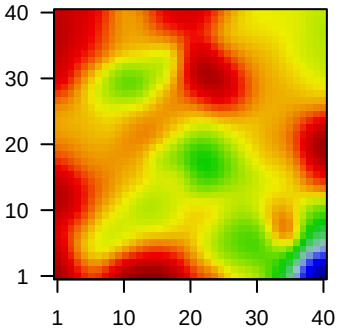
<FC> = 0

<t−score> = 0.09

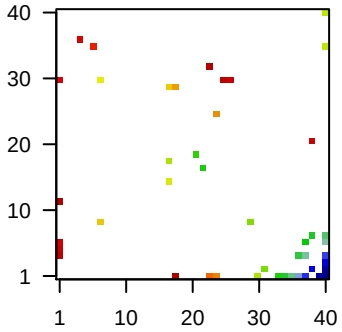
<p−value> = 0.23

<fdr> = 0.93

Portrait



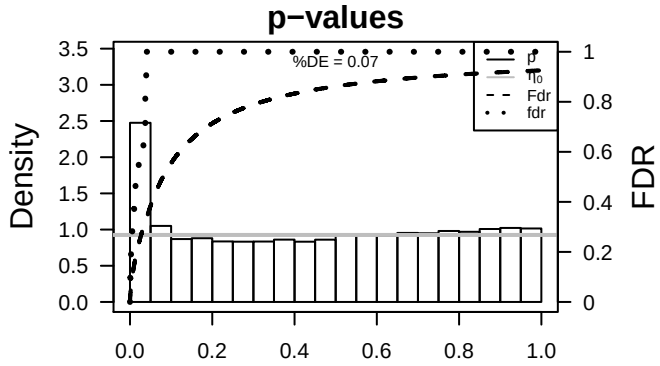
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556573_s_at	2.56	2e−16	3e−13	30 x 1	novel transcript
2	1557122_s_at	−1.47	2e−16	3e−13	40 x 1	gamma−aminobutyric acid type A receptor beta2 subunit [Sou
3	201340_s_at	−1.35	2e−16	3e−13	40 x 1	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
4	201341_at	−0.89	2e−16	3e−13	40 x 3	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
5	202207_at	−1.38	2e−16	3e−13	22 x 17	ADP ribosylation factor like GTPase 4C [Source:HGNC Symb
6	203797_at	−1.14	2e−16	3e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
7	204018_x_at	1.21	2e−16	3e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
8	204035_at	−1.08	2e−16	3e−13	31 x 2	secretogranin II [Source:HGNC Symbol;Acc:HGNC:10575]
9	209116_x_at	1.29	2e−16	3e−13	40 x 40	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:
10	209242_at	−1.06	2e−16	3e−13	37 x 6	paternally expressed 3 [Source:NCBI gene;Acc:5178]
11	209243_s_at	−1.29	2e−16	3e−13	38 x 7	paternally expressed 3 [Source:NCBI gene;Acc:5178]
12	209458_x_at	1.23	2e−16	3e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
13	210016_at	−1.13	2e−16	3e−13	37 x 1	myelin transcription factor 1 like [Source:HGNC Symbol;Acc:H
14	211696_x_at	1.13	2e−16	3e−13	40 x 40	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:
15	211699_x_at	1.13	2e−16	3e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
16	211745_x_at	1.15	2e−16	3e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
17	214414_x_at	1.05	2e−16	3e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
18	217232_x_at	1.26	2e−16	3e−13	40 x 40	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:
19	217414_x_at	1.13	2e−16	3e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
20	218002_s_at	−1.77	2e−16	3e−13	40 x 1	C−X−C motif chemokine ligand 14 [Source:HGNC Symbol;Ac

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	6.34	NULL	23	BP	hydrogen peroxide catabolic process
2	5.85	NULL	12	BP	planar cell polarity pathway involved in neural tube closure
3	5.24	NULL	30	BP	oligodendrocyte differentiation
4	5.21	NULL	14	BP	positive regulation of cell adhesion mediated by integrin
5	5.13	NULL	46	BP	neural tube development
6	4.41	NULL	165	BP	positive regulation of protein phosphorylation
7	4.37	NULL	13	BP	central nervous system myelination
8	4.35	NULL	46	BP	neural crest cell migration
9	4.32	NULL	25	BP	positive regulation of cell−matrix adhesion
10	4.24	NULL	26	BP	oligodendrocyte development
11	4.19	NULL	112	BP	animal organ morphogenesis
12	4.17	NULL	47	BP	positive regulation of cell death
13	4.13	NULL	400	BP	chromatin binding
14	4.11	NULL	398	BP	positive regulation of gene expression
15	4.1	NULL	154	BP	receptor−mediated endocytosis
16	4.08	NULL	594	BP	cell adhesion
17	4.07	NULL	342	BP	chromatin organization
18	4.01	NULL	460	BP	neutrophil degranulation
19	4.01	NULL	219	BP	positive regulation of cell migration
20	4	NULL	224	BP	negative regulation of gene expression
Underexpressed					
1	−9.88	NULL	236	BP	chemical synaptic transmission
2	−7.53	NULL	13	BP	synaptic transmission, GABAergic
3	−6.56	NULL	51	BP	neurotransmitter secretion
4	−6.01	NULL	574	BP	synapse
5	−5.64	NULL	43	BP	mitochondrial electron transport, NADH to ubiquinone
6	−5.43	NULL	1435	BP	mitochondrion
7	−5.41	NULL	59	BP	mitochondrial respiratory chain complex I assembly
8	−5.25	NULL	23	BP	eating behavior
9	−5.1	NULL	43	BP	neurotransmitter transport
10	−5.07	NULL	240	BP	postsynaptic membrane
11	−5.06	NULL	51	BP	regulation of synaptic vesicle exocytosis
12	−4.9	NULL	28	BP	synaptic vesicle exocytosis
13	−4.72	NULL	25	BP	cytochrome−c oxidase activity
14	−4.49	NULL	33	BP	regulation of exocytosis
15	−4.45	NULL	13	BP	maternal behavior
16	−4.45	NULL	78	BP	anaphase−promoting complex−dependent catabolic process
17	−4.45	NULL	29	BP	calcium ion regulated exocytosis
18	−4.41	NULL	22	BP	positive regulation of synaptic transmission
19	−4.41	NULL	27	BP	glutamate secretion
20	−4.39	NULL	28	BP	regulation of synaptic transmission, glutamatergic