8272M

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 990 (239 + / 751 −)

genes with fdr < 0.1 = 571 (99 + / 472 −)

genes with fdr < 0.05 = 384 (55 + / 329 −)

genes with fdr < 0.01 = 176 (19 + / 157 −)

genes in genesets = 16360

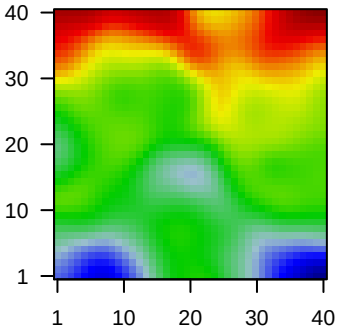
<FC> = 0

<t−score> = −0.18

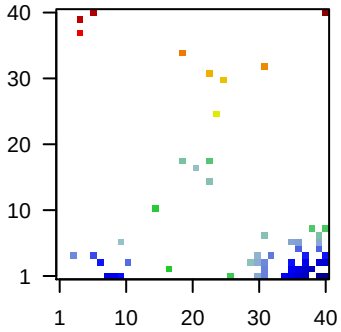
<p−value> = 0.28

<fdr> = 0.94

Portrait



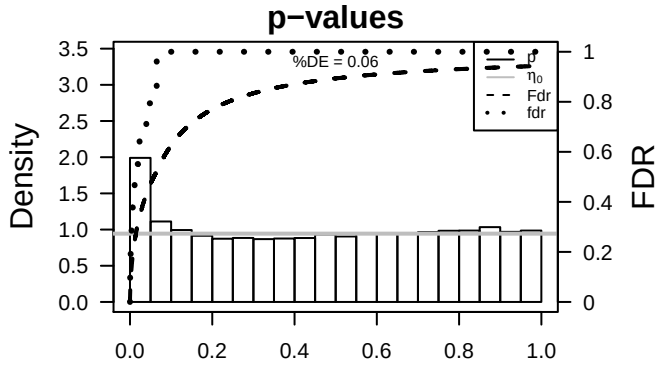
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	203797_at	−1.71	2e−16	1e−12	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
2	203889_at	−2.31	2e−16	1e−12	32 x 4	secretogranin V [Source:HGNC Symbol;Acc:HGNC:10816]
3	203999_at	−2.05	2e−16	1e−12	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
4	204035_at	−1.85	2e−16	1e−12	31 x 2	secretogranin II [Source:HGNC Symbol;Acc:HGNC:10575]
5	204684_at	−2.16	2e−16	1e−12	40 x 1	neuronal pentraxin 1 [Source:NCBI gene;Acc:4884]
6	205691_at	−2.15	2e−16	1e−12	39 x 1	synaptogyrin 3 [Source:HGNC Symbol;Acc:HGNC:11501]
7	206018_at	−2.31	2e−16	1e−12	30 x 3	forkhead box G1 [Source:HGNC Symbol;Acc:HGNC:3811]
8	218901_at	−1.65	2e−16	1e−12	24 x 25	phospholipid scramblase 4 [Source:HGNC Symbol;Acc:HGN(
9	221805_at	−2.62	2e−16	1e−12	40 x 1	neurofilament light [Source:HGNC Symbol;Acc:HGNC:7739]
10	229057_at	−1.76	2e−16	1e−12	35 x 1	sodium voltage−gated channel alpha subunit 2 [Source:HGN(
11	239671_at	−2.35	3e−15	1e−10	36 x 1	synaptotagmin 16 [Source:HGNC Symbol;Acc:HGNC:23142]
12	205029_s_at	−1.75	4e−15	1e−09	23 x 18	fatty acid binding protein 7 [Source:HGNC Symbol;Acc:HGNC
13	205030_at	−1.41	2e−14	2e−09	23 x 18	fatty acid binding protein 7 [Source:HGNC Symbol;Acc:HGNC
14	227189_at	−1.91	7e−14	2e−09	35 x 2	copine 5 [Source:HGNC Symbol;Acc:HGNC:2318]
15	213714_at	−2.19	8e−14	5e−09	39 x 7	calcium voltage−gated channel auxiliary subunit beta 2 [Sour
16	203998_s_at	−2.03	2e−13	5e−09	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
17	213245_at	−1.86	3e−13	2e−08	40 x 4	adenylate cyclase 1 [Source:HGNC Symbol;Acc:HGNC:232]
18	1558009_at	−1.74	7e−13	2e−08	9 x 1	solute carrier family 1 member 2 [Source:HGNC Symbol;Acc:
19	213609_s_at	−1.38	1e−12	2e−08	31 x 1	seizure related 6 homolog like [Source:HGNC Symbol;Acc:HG
20	219619_at	−1.4	1e−12	3e−07	37 x 4	DIRAS family GTPase 2 [Source:HGNC Symbol;Acc:HGNC:1

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	8.98	NULL	564	BP	immune system process
2	8.19	NULL	417	BP	innate immune response
3	7.85	NULL	388	BP	immune response
4	6.61	NULL	364	BP	inflammatory response
5	6	NULL	184	BP	defense response to virus
6	5.68	NULL	151	BP	defense response to bacterium
7	5.44	NULL	148	BP	chemotaxis
8	5.14	NULL	74	BP	neutrophil chemotaxis
9	4.96	NULL	121	BP	defense response
10	4.85	NULL	460	BP	neutrophil degranulation
11	4.82	NULL	65	BP	chemokine−mediated signaling pathway
12	4.8	NULL	41	BP	negative regulation of viral genome replication
13	4.65	NULL	109	BP	response to virus
14	4.61	NULL	222	BP	adaptive immune response
15	4.59	NULL	51	BP	antimicrobial humoral response
16	4.57	NULL	16	BP	positive regulation of macrophage activation
17	4.49	NULL	155	BP	regulation of immune response
18	4.45	NULL	115	BP	keratinization
19	4.08	NULL	30	BP	lipopolysaccharide binding
20	4.02	NULL	23	BP	hydrogen peroxide catabolic process
Underexpressed					
1	−13.66	NULL	7387	BP	membrane
2	−13.56	NULL	574	BP	synapse
3	−10.72	NULL	6202	BP	cytoplasm
4	−9.85	NULL	236	BP	chemical synaptic transmission
5	−9.47	NULL	240	BP	postsynaptic membrane
6	−9.29	NULL	4740	BP	cytosol
7	−8.98	NULL	4278	BP	plasma membrane
8	−8.44	NULL	505	BP	nervous system development
9	−6.99	NULL	1435	BP	mitochondrion
10	−6.71	NULL	27	BP	glutamate secretion
11	−6.56	NULL	146	BP	homophilic cell adhesion via plasma membrane adhesion molecule
12	−6.38	NULL	657	BP	calcium ion binding
13	−6.24	NULL	12	BP	regulation of postsynaptic neurotransmitter receptor activity
14	−6.16	NULL	16	BP	positive regulation of calcium ion−dependent exocytosis
15	−6.15	NULL	28	BP	synaptic vesicle exocytosis
16	−6.11	NULL	1242	BP	Golgi apparatus
17	−6.03	NULL	33	BP	regulation of exocytosis
18	−5.94	NULL	545	BP	protein ubiquitination
19	−5.91	NULL	31	BP	regulation of NMDA receptor activity
20	−5.89	NULL	51	BP	neurotransmitter secretion