3370E

Global Summary

%DE = 0.1

genes with fdr < 0.2 = 3202 (999 + / 2203 −)

genes with fdr < 0.1 = 2508 (670 + / 1838 −)

genes with fdr < 0.05 = 1886 (420 + / 1466 −)

genes with fdr < 0.01 = 1189 (176 + / 1013 −)

genes in genesets = 16360

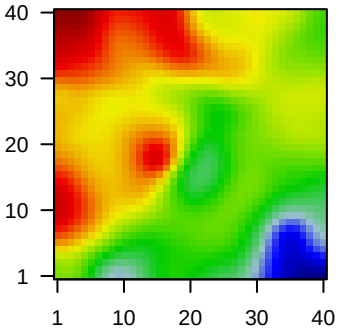
<FC> = 0

<t−score> = −0.32

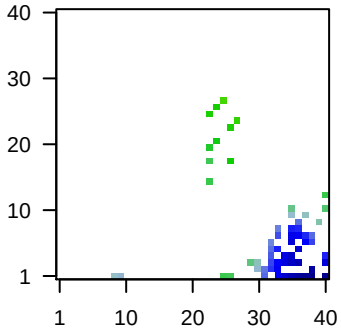
<p−value> = 0.17

<fdr> = 0.9

Portrait



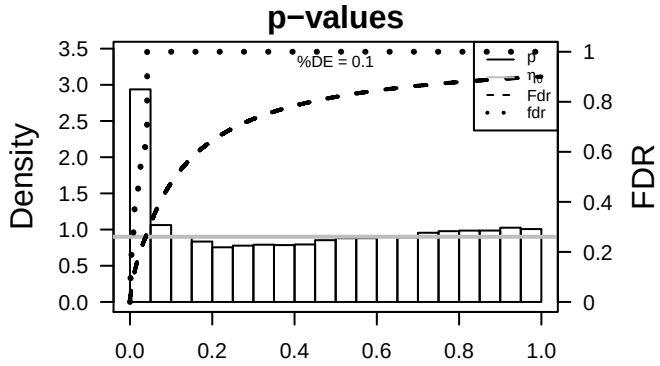
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556904_at	−2.16	2e−16	7e−14	36 x 3	novel transcript, overlapping GABRB1
2	1557256_a_at	−1.63	2e−16	7e−14	35 x 4	
3	1558009_at	−1.94	2e−16	7e−14	9 x 1	solute carrier family 1 member 2 [Source:HGNC Symbol;Acc:
4	1558010_s_at	−2.72	2e−16	7e−14	10 x 1	solute carrier family 1 member 2 [Source:HGNC Symbol;Acc:
5	1568612_at	−2.32	2e−16	7e−14	38 x 1	gamma−aminobutyric acid type A receptor gamma2 subunit [
6	200632_s_at	−1.44	2e−16	7e−14	35 x 10	N−myc downstream regulated 1 [Source:HGNC Symbol;Acc:I
7	201349_at	−1.91	2e−16	7e−14	35 x 11	SLC9A3 regulator 1 [Source:HGNC Symbol;Acc:HGNC:1107
8	202439_s_at	−1.73	2e−16	7e−14	38 x 7	iduronate 2−sulfatase [Source:HGNC Symbol;Acc:HGNC:538
9	202507_s_at	−1.57	2e−16	7e−14	38 x 1	synaptosome associated protein 25 [Source:HGNC Symbol;A
10	202508_s_at	−1.37	2e−16	7e−14	37 x 1	synaptosome associated protein 25 [Source:HGNC Symbol;A
11	202893_at	−1.61	2e−16	7e−14	27 x 24	unc−13 homolog B [Source:HGNC Symbol;Acc:HGNC:12566
12	203000_at	−1.65	2e−16	7e−14	37 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
13	203001_s_at	−1.7	2e−16	7e−14	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
14	203413_at	−1.47	2e−16	7e−14	40 x 3	neural EGFL like 2 [Source:HGNC Symbol;Acc:HGNC:7751]
15	203485_at	−1.3	2e−16	7e−14	32 x 4	reticulon 1 [Source:HGNC Symbol;Acc:HGNC:10467]
16	204035_at	−1.34	2e−16	7e−14	31 x 2	secretogranin II [Source:HGNC Symbol;Acc:HGNC:10575]
17	204041_at	−1.99	2e−16	7e−14	23 x 20	monoamine oxidase B [Source:HGNC Symbol;Acc:HGNC:68
18	204081_at	−1.67	2e−16	7e−14	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
19	204260_at	−1.85	2e−16	7e−14	33 x 1	chromogranin B [Source:HGNC Symbol;Acc:HGNC:1930]
20	204359_at	−1.92	2e−16	7e−14	40 x 11	fibronectin leucine rich transmembrane protein 2 [Source:HGI

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	7.68	NULL	366	BP	DNA repair
2	7.33	NULL	394	BP	cell division
3	7.28	NULL	630	BP	cell cycle
4	6.7	NULL	484	BP	cellular response to DNA damage stimulus
5	6.67	NULL	158	BP	DNA replication
6	6.06	NULL	152	BP	rRNA processing
7	6.03	NULL	276	BP	translation
8	5.92	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
9	5.67	NULL	564	BP	immune system process
10	5.46	NULL	39	BP	CENP−A containing nucleosome assembly
11	5.18	NULL	47	BP	complement activation
12	4.87	NULL	64	BP	complement activation, classical pathway
13	4.72	NULL	85	BP	chromosome segregation
14	4.72	NULL	342	BP	chromatin organization
15	4.71	NULL	93	BP	ribosome biogenesis
16	4.71	NULL	84	BP	tRNA processing
17	4.46	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
18	4.44	NULL	90	BP	viral transcription
19	4.36	NULL	13	BP	kinetochore assembly
20	4.35	NULL	31	BP	mitotic sister chromatid segregation
Underexpressed					
1	−21.34	NULL	4278	BP	plasma membrane
2	−20.9	NULL	7387	BP	membrane
3	−19.65	NULL	574	BP	synapse
4	−14.38	NULL	236	BP	chemical synaptic transmission
5	−13.7	NULL	505	BP	nervous system development
6	−13.08	NULL	240	BP	postsynaptic membrane
7	−10.51	NULL	627	BP	ion transport
8	−10.48	NULL	51	BP	neurotransmitter secretion
9	−10.08	NULL	28	BP	synaptic vesicle exocytosis
10	−10.07	NULL	131	BP	presynapse
11	−9.94	NULL	27	BP	glutamate secretion
12	−9.7	NULL	119	BP	postsynapse
13	−9.26	NULL	594	BP	cell adhesion
14	−9.25	NULL	48	BP	long−term synaptic potentiation
15	−9.2	NULL	275	BP	ion transmembrane transport
16	−9.12	NULL	133	BP	central nervous system development
17	−9.09	NULL	65	BP	learning
18	−8.96	NULL	1500	BP	signal transduction
19	−8.78	NULL	27	BP	gamma−aminobutyric acid signaling pathway
20	−8.71	NULL	657	BP	calcium ion binding