6327A

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 1949 (595 + / 1354 −)

genes with fdr < 0.1 = 1551 (424 + / 1127 −)

genes with fdr < 0.05 = 1171 (292 + / 879 −)

genes with fdr < 0.01 = 832 (189 + / 643 −)

genes in genesets = 16360

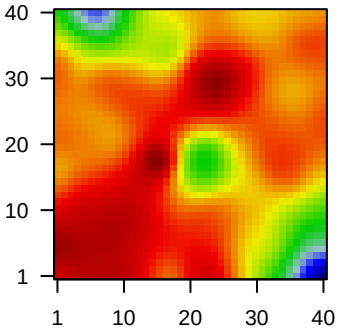
<FC> = 0

<t−score> = 0.11

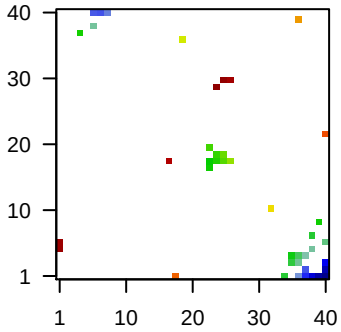
<p−value> = 0.23

<fdr> = 0.94

Portrait



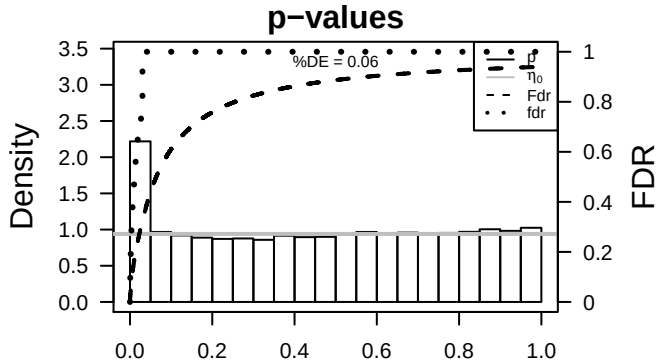
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1554663_a_a	2.28	2e−16	2e−13	32 x 11	nuclear mitotic apparatus protein 1 [Source:HGNC Symbol;Ac
2	1556904_at	−1.58	2e−16	2e−13	36 x 3	novel transcript, overlapping GABRB1
3	1557122_s_at	−1.66	2e−16	2e−13	40 x 1	gamma−aminobutyric acid type A receptor beta2 subunit [Sou
4	1557256_a_a	−1.89	2e−16	2e−13	35 x 4	
5	1558678_s_at	−0.93	2e−16	2e−13	7 x 40	metastasis associated lung adenocarcinoma transcript 1 [Sou
6	201340_s_at	−1.77	2e−16	2e−13	40 x 1	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
7	201909_at	−1.26	2e−16	2e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
8	202439_s_at	−1.55	2e−16	2e−13	38 x 7	iduronate 2−sulfatase [Source:HGNC Symbol;Acc:HGNC:538
9	202669_s_at	−1.71	2e−16	2e−13	24 x 18	ephrin B2 [Source:HGNC Symbol;Acc:HGNC:3227]
10	203000_at	−1.29	2e−16	2e−13	37 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
11	203001_s_at	−1.16	2e−16	2e−13	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
12	203498_at	−0.93	2e−16	2e−13	37 x 4	regulator of calcineurin 2 [Source:HGNC Symbol;Acc:HGNC:
13	203797_at	−1.4	2e−16	2e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
14	203798_s_at	−2.03	2e−16	2e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
15	203849_s_at	−1.35	2e−16	2e−13	7 x 40	kinesin family member 1A [Source:HGNC Symbol;Acc:HGNC
16	203998_s_at	−1.88	2e−16	2e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
17	203999_at	−1.39	2e−16	2e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
18	204041_at	−1.52	2e−16	2e−13	23 x 20	monoamine oxidase B [Source:HGNC Symbol;Acc:HGNC:68
19	204081_at	−1.55	2e−16	2e−13	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
20	204148_s_at	−1.55	2e−16	2e−13	40 x 22	POM121 and ZP3 fusion [Source:HGNC Symbol;Acc:HGNC:

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	10.28	NULL	630	BP	cell cycle
2	9.26	NULL	394	BP	cell division
3	8.67	NULL	90	BP	viral transcription
4	8.5	NULL	276	BP	translation
5	8.47	NULL	158	BP	DNA replication
6	7.93	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
7	7.92	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
8	7.92	NULL	85	BP	chromosome segregation
9	7.43	NULL	120	BP	translational initiation
10	7.24	NULL	1435	BP	mitochondrion
11	7.08	NULL	366	BP	DNA repair
12	6.48	NULL	1387	BP	regulation of transcription, DNA−templated
13	6.44	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
14	6.24	NULL	164	BP	mitotic cell cycle
15	6.22	NULL	1145	BP	regulation of transcription by RNA polymerase II
16	6.02	NULL	152	BP	rRNA processing
17	5.84	NULL	31	BP	mitotic sister chromatid segregation
18	5.74	NULL	484	BP	cellular response to DNA damage stimulus
19	5.49	NULL	229	BP	mRNA splicing, via spliceosome
20	5.13	NULL	130	BP	regulation of signal transduction by p53 class mediator
Underexpressed					
1	−15.33	NULL	574	BP	synapse
2	−14.41	NULL	4278	BP	plasma membrane
3	−13.26	NULL	236	BP	chemical synaptic transmission
4	−11.33	NULL	240	BP	postsynaptic membrane
5	−9.49	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
6	−9.26	NULL	51	BP	neurotransmitter secretion
7	−8.6	NULL	7387	BP	membrane
8	−8.6	NULL	28	BP	synaptic vesicle exocytosis
9	−8.13	NULL	33	BP	regulation of exocytosis
10	−7.78	NULL	657	BP	calcium ion binding
11	−7.75	NULL	51	BP	regulation of synaptic vesicle exocytosis
12	−7.52	NULL	43	BP	neurotransmitter transport
13	−7.43	NULL	27	BP	gamma−aminobutyric acid signaling pathway
14	−7.35	NULL	27	BP	glutamate secretion
15	−7.28	NULL	43	BP	antigen processing and presentation
16	−7.13	NULL	16	BP	positive regulation of calcium ion−dependent exocytosis
17	−7.08	NULL	36	BP	synaptic vesicle endocytosis
18	−7.08	NULL	29	BP	calcium ion regulated exocytosis
19	−7.01	NULL	505	BP	nervous system development
20	−6.96	NULL	15	BP	calcium ion−regulated exocytosis of neurotransmitter