4769A

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 1884 (948 + / 936 −)

genes with fdr < 0.1 = 1165 (569 + / 596 −)

genes with fdr < 0.05 = 865 (413 + / 452 −)

genes with fdr < 0.01 = 429 (208 + / 221 −)

genes in genesets = 16360

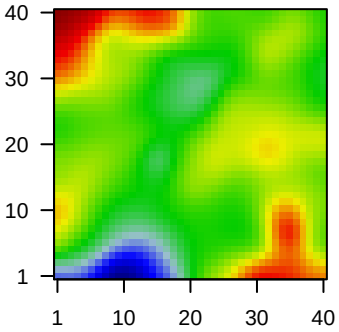
<FC> = 0

<t−score> = 0.06

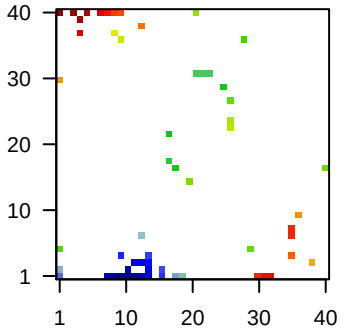
<p−value> = 0.25

<fdr> = 0.93

Portrait



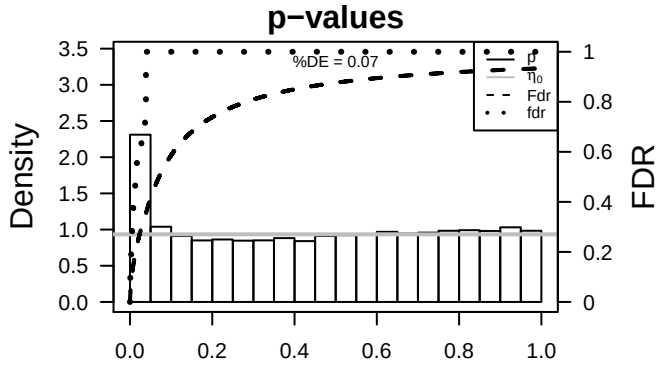
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	201123_s_at	−2.04	2e−16	1e−12	11 x 2	eukaryotic translation initiation factor 5A [Source:HGNC Syml
2	201909_at	−1.58	2e−16	1e−12	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:I
3	214218_s_at	2.28	2e−16	1e−12	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
4	221728_x_at	2.1	2e−16	1e−12	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
5	224588_at	2.71	2e−16	1e−12	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
6	227671_at	2.35	2e−16	1e−12	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
7	229994_at	−1.73	2e−16	1e−12	12 x 1	
8	AFFX−M2783	1.23	2e−16	1e−12	13 x 38	
9	204713_s_at	1.86	1e−15	3e−11	8 x 40	coagulation factor V [Source:HGNC Symbol;Acc:HGNC:3542
10	201367_s_at	−1.2	1e−15	6e−11	21 x 40	ZFP36 ring finger protein like 2 [Source:HGNC Symbol;Acc:H
11	216205_s_at	−1.83	2e−15	6e−11	11 x 1	mitofusin 2 [Source:HGNC Symbol;Acc:HGNC:16877]
12	213722_at	−1.01	5e−15	6e−11	16 x 2	SRY−box 2 [Source:HGNC Symbol;Acc:HGNC:11195]
13	225809_at	−1.86	6e−15	6e−11	38 x 3	prostate androgen−regulated mucin−like protein 1 [Source:HG
14	206190_at	1.05	6e−15	6e−11	31 x 1	G protein−coupled receptor 17 [Source:HGNC Symbol;Acc:H
15	224590_at	1.89	7e−15	9e−10	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
16	227722_at	−1.07	3e−14	2e−09	19 x 1	ribosomal protein S23 [Source:HGNC Symbol;Acc:HGNC:10
17	1556573_s_at	1.82	9e−14	2e−09	30 x 1	novel transcript
18	201559_s_at	−1.18	1e−13	2e−09	11 x 1	chloride intracellular channel 4 [Source:HGNC Symbol;Acc:H
19	217234_s_at	−1.17	1e−13	2e−09	12 x 1	ezrin [Source:HGNC Symbol;Acc:HGNC:12691]
20	231029_at	1.79	2e−13	2e−09	31 x 1	

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	4.15	NULL	40	BP	cholesterol biosynthetic process
2	3.86	NULL	12	BP	regulation of postsynaptic neurotransmitter receptor activity
3	3.8	NULL	28	BP	synaptic vesicle exocytosis
4	3.79	NULL	13	BP	regulation of short−term neuronal synaptic plasticity
5	3.49	NULL	92	BP	cholesterol metabolic process
6	3.35	NULL	22	BP	long−chain fatty acid metabolic process
7	3.26	NULL	27	BP	gamma−aminobutyric acid signaling pathway
8	3.26	NULL	14	BP	positive regulation of myelination
9	3.23	NULL	43	BP	neurotransmitter transport
10	3.23	NULL	13	BP	cerebellar Purkinje cell layer development
11	3.22	NULL	15	BP	calcium ion−regulated exocytosis of neurotransmitter
12	3.05	NULL	61	BP	steroid biosynthetic process
13	3.04	NULL	15	BP	axon development
14	2.96	NULL	51	BP	neurotransmitter secretion
15	2.95	NULL	52	BP	myelination
16	2.93	NULL	16	BP	regulation of calcium ion−dependent exocytosis
17	2.93	NULL	13	BP	synapse maturation
18	2.9	NULL	33	BP	regulation of exocytosis
19	2.89	NULL	30	BP	sterol biosynthetic process
20	2.86	NULL	22	BP	regulation of AMPA receptor activity
Underexpressed					
1	−8.14	NULL	4740	BP	cytosol
2	−7.74	NULL	630	BP	cell cycle
3	−7.56	NULL	394	BP	cell division
4	−7.03	NULL	1387	BP	regulation of transcription, DNA−templated
5	−6.75	NULL	1145	BP	regulation of transcription by RNA polymerase II
6	−6.67	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
7	−6.66	NULL	85	BP	chromosome segregation
8	−6.07	NULL	129	BP	rhythmic process
9	−5.78	NULL	6202	BP	cytoplasm
10	−5.76	NULL	164	BP	mitotic cell cycle
11	−5.47	NULL	496	BP	negative regulation of apoptotic process
12	−5.26	NULL	11	BP	metaphase plate congression
13	−5.14	NULL	98	BP	G1/S transition of mitotic cell cycle
14	−4.97	NULL	843	BP	DNA−binding transcription factor activity
15	−4.93	NULL	324	BP	intracellular protein transport
16	−4.9	NULL	159	BP	response to lipopolysaccharide
17	−4.83	NULL	460	BP	neutrophil degranulation
18	−4.81	NULL	97	BP	transforming growth factor beta receptor signaling pathway
19	−4.81	NULL	158	BP	DNA replication
20	−4.73	NULL	630	BP	protein transport