61194H

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 2193 (861 + / 1332 −)

genes with fdr < 0.1 = 1609 (628 + / 981 −)

genes with fdr < 0.05 = 1349 (528 + / 821 −)

genes with fdr < 0.01 = 805 (313 + / 492 −)

genes in genesets = 16360

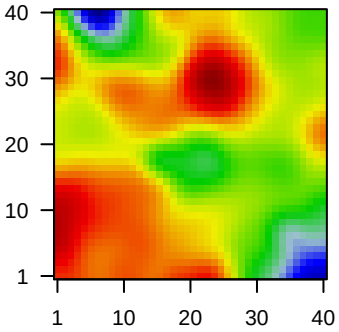
<FC> = 0

<t−score> = 0.11

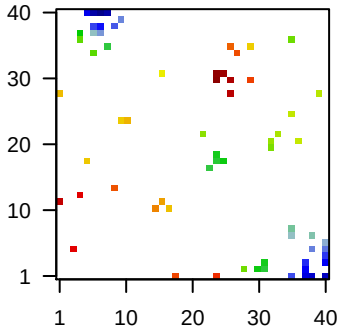
<p−value> = 0.22

<fdr> = 0.93

Portrait



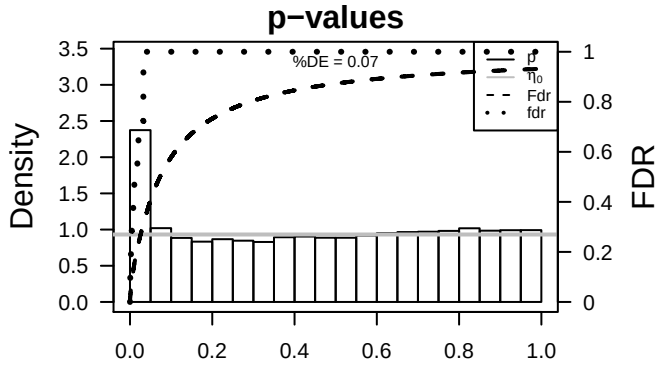
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1557369_a_at	2.02	2e−16	2e−13	24 x 31	long intergenic non−protein coding RNA 698 [Source:HGNC
2	1558678_s_at	−0.93	2e−16	2e−13	7 x 40	metastasis associated lung adenocarcinoma transcript 1 [Sou
3	1558747_at	−1.57	2e−16	2e−13	7 x 40	structural maintenance of chromosomes flexible hinge domai
4	1568375_at	1.79	2e−16	2e−13	29 x 30	
5	1568377_x_at	1.73	2e−16	2e−13	25 x 31	defensin beta 124 [Source:HGNC Symbol;Acc:HGNC:18104]
6	201143_s_at	−1.03	2e−16	2e−13	39 x 28	eukaryotic translation initiation factor 2 subunit alpha [Source
7	201340_s_at	−1.28	2e−16	2e−13	40 x 1	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
8	201348_at	1.22	2e−16	2e−13	25 x 31	glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:
9	201909_at	1.28	2e−16	2e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
10	203215_s_at	−1.07	2e−16	2e−13	8 x 40	myosin VI [Source:HGNC Symbol;Acc:HGNC:7605]
11	203849_s_at	−1.23	2e−16	2e−13	7 x 40	kinesin family member 1A [Source:HGNC Symbol;Acc:HGNC
12	204035_at	−1.15	2e−16	2e−13	31 x 2	secretogranin II [Source:HGNC Symbol;Acc:HGNC:10575]
13	204324_s_at	−0.95	2e−16	2e−13	8 x 40	golgi integral membrane protein 4 [Source:HGNC Symbol;Acc
14	204348_s_at	−1.07	2e−16	2e−13	25 x 18	adenylate kinase 4 pseudogene 1 [Source:HGNC Symbol;Acc
15	205522_at	1.86	2e−16	2e−13	1 x 12	
16	206243_at	1.23	2e−16	2e−13	15 x 11	TIMP metallopeptidase inhibitor 4 [Source:HGNC Symbol;Acc
17	207337_at	2.19	2e−16	2e−13	35 x 36	cancer/testis antigen 2 [Source:HGNC Symbol;Acc:HGNC:24
18	207659_s_at	−1.08	2e−16	2e−13	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG
19	207909_x_at	2.71	2e−16	2e−13	10 x 24	deleted in azoospermia 1 [Source:HGNC Symbol;Acc:HGNC
20	207912_s_at	2.97	2e−16	2e−13	5 x 18	deleted in azoospermia 1 [Source:HGNC Symbol;Acc:HGNC

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	7.6	NULL	1435	BP	mitochondrion
2	7.54	NULL	276	BP	translation
3	6.88	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
4	6.83	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
5	6.44	NULL	120	BP	translational initiation
6	6.35	NULL	152	BP	rRNA processing
7	5.81	NULL	90	BP	viral transcription
8	5.18	NULL	93	BP	ribosome biogenesis
9	5.05	NULL	84	BP	tRNA processing
10	4.95	NULL	671	BP	oxidation−reduction process
11	4.88	NULL	18	BP	glutathione peroxidase activity
12	4.76	NULL	67	BP	antigen processing and presentation of exogenous peptide antigen
13	4.67	NULL	67	BP	regulation of transcription from RNA polymerase II promoter in resp
14	4.58	NULL	4740	BP	cytosol
15	4.54	NULL	234	BP	protein deubiquitination
16	4.46	NULL	31	BP	cellular response to cadmium ion
17	4.41	NULL	52	BP	negative regulation of G2/M transition of mitotic cell cycle
18	4.35	NULL	48	BP	regulation of cellular amino acid metabolic process
19	4.34	NULL	17	BP	cellular response to zinc ion
20	4.24	NULL	229	BP	mRNA splicing, via spliceosome
Underexpressed					
1	−9.88	NULL	236	BP	chemical synaptic transmission
2	−9.3	NULL	574	BP	synapse
3	−9.01	NULL	4278	BP	plasma membrane
4	−7.18	NULL	51	BP	neurotransmitter secretion
5	−7.05	NULL	51	BP	regulation of synaptic vesicle exocytosis
6	−6.9	NULL	28	BP	synaptic vesicle exocytosis
7	−6.84	NULL	240	BP	postsynaptic membrane
8	−6.3	NULL	505	BP	nervous system development
9	−5.94	NULL	33	BP	regulation of exocytosis
10	−5.79	NULL	65	BP	learning
11	−5.44	NULL	13	BP	synaptic transmission, GABAergic
12	−5.3	NULL	48	BP	long−term synaptic potentiation
13	−5.29	NULL	15	BP	calcium ion−regulated exocytosis of neurotransmitter
14	−5.26	NULL	118	BP	exocytosis
15	−5.21	NULL	15	BP	synaptic vesicle priming
16	−5.01	NULL	79	BP	memory
17	−4.89	NULL	43	BP	neurotransmitter transport
18	−4.86	NULL	657	BP	calcium ion binding
19	−4.86	NULL	29	BP	calcium ion regulated exocytosis
20	−4.82	NULL	28	BP	synaptic transmission, glutamatergic