3957M

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 1939 (914 + / 1025 −)

genes with fdr < 0.1 = 1347 (621 + / 726 −)

genes with fdr < 0.05 = 919 (410 + / 509 −)

genes with fdr < 0.01 = 512 (230 + / 282 −)

genes in genesets = 16360

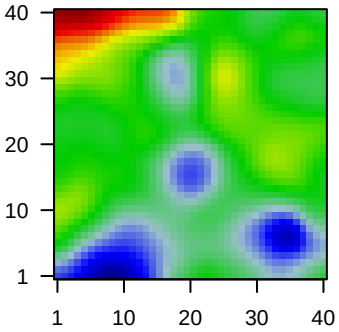
<FC> = 0

<t−score> = 0.06

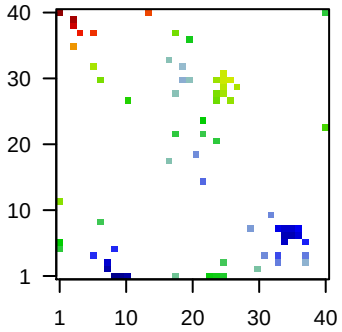
<p−value> = 0.24

<fdr> = 0.93

Portrait



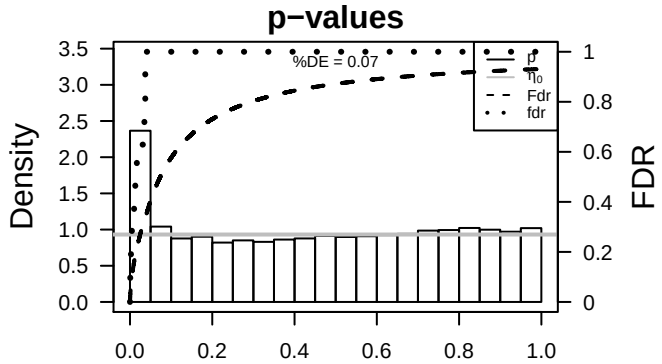
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	201348_at	1.23	2e−16	7e−13	25 x 31	glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:
2	201858_s_at	−1.23	2e−16	7e−13	19 x 30	serglycin [Source:HGNC Symbol;Acc:HGNC:9361]
3	203131_at	−0.99	2e−16	7e−13	24 x 1	platelet derived growth factor receptor alpha [Source:HGNC S
4	205856_at	1.22	2e−16	7e−13	24 x 27	solute carrier family 14 member 1 (Kidd blood group) [Source
5	208886_at	−0.98	2e−16	7e−13	40 x 23	H1 histone family member 0 [Source:HGNC Symbol;Acc:HGN
6	209309_at	2.01	2e−16	7e−13	7 x 30	alpha−2−glycoprotein 1, zinc−binding [Source:HGNC Symbol
7	209392_at	−1.35	2e−16	7e−13	35 x 7	ectonucleotide pyrophosphatase/phosphodiesterase 2 [Sourc
8	210839_s_at	−1.46	2e−16	7e−13	35 x 7	ectonucleotide pyrophosphatase/phosphodiesterase 2 [Sourc
9	214091_s_at	1.22	2e−16	7e−13	24 x 30	glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:
10	219778_at	−1.97	2e−16	7e−13	33 x 3	zinc finger protein, FOG family member 2 [Source:HGNC Syn
11	219804_at	1.94	2e−16	7e−13	6 x 32	synaptopodin 2 like [Source:HGNC Symbol;Acc:HGNC:23532
12	223699_at	−1.96	2e−16	7e−13	35 x 7	carnosine dipeptidase 1 [Source:HGNC Symbol;Acc:HGNC:2
13	228547_at	−1.03	2e−16	7e−13	33 x 4	neurexin 1 [Source:HGNC Symbol;Acc:HGNC:8008]
14	231911_at	−1.13	2e−16	7e−13	35 x 7	ermin [Source:HGNC Symbol;Acc:HGNC:29208]
15	232315_at	−1.53	2e−16	7e−13	18 x 22	zinc finger protein 880 [Source:HGNC Symbol;Acc:HGNC:37
16	237898_at	2.62	2e−16	7e−13	25 x 30	
17	242345_at	1.95	2e−16	7e−13	24 x 28	collagen type XXVIII alpha 1 chain [Source:HGNC Symbol;Ac
18	229290_at	1.91	7e−16	1e−11	7 x 30	death associated protein like 1 [Source:HGNC Symbol;Acc:H
19	1555854_at	1.9	9e−16	1e−11	26 x 27	aldo−keto reductase family 1 member C1 [Source:HGNC Syn
20	235794_at	−1.42	1e−15	1e−11	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	6.91	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
2	6.64	NULL	276	BP	translation
3	6.38	NULL	120	BP	translational initiation
4	6.23	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
5	5.81	NULL	152	BP	rRNA processing
6	5.78	NULL	90	BP	viral transcription
7	4.65	NULL	93	BP	ribosome biogenesis
8	4.37	NULL	342	BP	chromatin organization
9	3.86	NULL	400	BP	chromatin binding
10	3.65	NULL	84	BP	nucleosome assembly
11	3.64	NULL	173	BP	cilium assembly
12	3.32	NULL	26	BP	maturation of SSU−rRNA from tricistronic rRNA transcript (SSU−rR
13	3.32	NULL	30	BP	ribosomal large subunit biogenesis
14	3.21	NULL	180	BP	cell projection organization
15	3.07	NULL	35	BP	base−excision repair
16	3.04	NULL	12	BP	planar cell polarity pathway involved in neural tube closure
17	2.97	NULL	10	BP	cellular response to X−ray
18	2.93	NULL	31	BP	nucleotide metabolic process
19	2.92	NULL	28	BP	synaptic vesicle exocytosis
20	2.83	NULL	83	BP	mitochondrial translational elongation
Underexpressed					
1	−9.81	NULL	7387	BP	membrane
2	−9.05	NULL	4278	BP	plasma membrane
3	−5.42	NULL	254	BP	angiogenesis
4	−5.3	NULL	88	BP	response to organic substance
5	−5.07	NULL	1500	BP	signal transduction
6	−4.72	NULL	23	BP	cellular zinc ion homeostasis
7	−4.53	NULL	521	BP	lipid metabolic process
8	−4.5	NULL	6202	BP	cytoplasm
9	−4.45	NULL	1242	BP	Golgi apparatus
10	−4.26	NULL	109	BP	response to virus
11	−4.18	NULL	60	BP	vasculogenesis
12	−4.17	NULL	66	BP	response to mechanical stimulus
13	−4.1	NULL	31	BP	cellular response to cadmium ion
14	−4.01	NULL	132	BP	membrane organization
15	−3.99	NULL	26	BP	regulation of DNA−binding transcription factor activity
16	−3.96	NULL	73	BP	negative regulation of cell death
17	−3.94	NULL	505	BP	nervous system development
18	−3.85	NULL	35	BP	regulation of angiogenesis
19	−3.85	NULL	11	BP	amyloid precursor protein metabolic process
20	−3.85	NULL	38	BP	bicarbonate transport