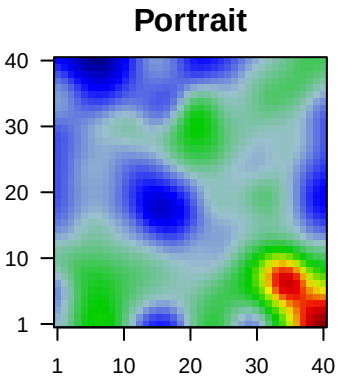
8274A

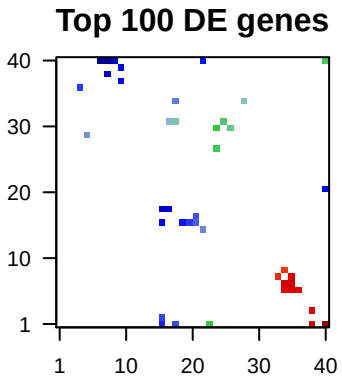
Global Summary

%DE = 0.04
genes with fdr < 0.2 = 1130 (674 + / 456 −)
genes with fdr < 0.1 = 805 (500 + / 305 −)
genes with fdr < 0.05 = 474 (308 + / 166 −)
genes with fdr < 0.01 = 297 (193 + / 104 −)

genes in genesets = 16360

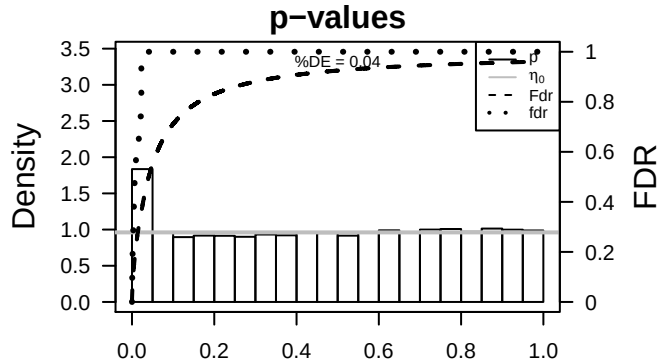
<FC> = 0
<t−score> = 0.1
<p−value> = 0.28
<fdr> = 0.96





Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556499_s_at	−1.59	2e−16	2e−12	18 x 34	collagen type I alpha 1 chain [Source:HGNC Symbol;Acc:HG
2	201909_at	−1.61	2e−16	2e−12	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
3	209072_at	0.94	2e−16	2e−12	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
4	214218_s_at	2.24	2e−16	2e−12	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
5	224588_at	2.38	2e−16	2e−12	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
6	227671_at	2.36	2e−16	2e−12	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
7	231911_at	1.11	2e−16	2e−12	35 x 7	ermin [Source:HGNC Symbol;Acc:HGNC:29208]
8	221728_x_at	1.99	4e−16	3e−11	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
9	203797_at	1.08	1e−15	4e−09	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
10	201506_at	−1.34	1e−13	4e−09	18 x 31	transforming growth factor beta induced [Source:HGNC Symt
11	203815_at	−1.83	2e−13	4e−09	22 x 15	glutathione S−transferase theta 1 [Source:HGNC Symbol;Acc
12	224590_at	1.81	2e−13	4e−09	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
13	209392_at	0.9	3e−13	1e−08	35 x 7	ectonucleotide pyrophosphatase/phosphodiesterase 2 [Sourc
14	221805_at	1.18	6e−13	1e−08	40 x 1	neurofilament light [Source:HGNC Symbol;Acc:HGNC:7739]
15	244297_at	1.78	7e−13	3e−08	35 x 7	cytochrome P450, family 4, subfamily F family pseudogene
16	221916_at	0.93	1e−12	3e−08	40 x 1	neurofilament light [Source:HGNC Symbol;Acc:HGNC:7739]
17	203999_at	0.9	2e−12	3e−08	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
18	207323_s_at	0.82	3e−12	3e−08	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
19	209116_x_at	0.82	3e−12	7e−08	40 x 40	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:4
20	225954_s_at	−1.08	5e−12	7e−08	40 x 21	midnolin [Source:HGNC Symbol;Acc:HGNC:16298]



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	8.69	NULL	574	BP	synapse
2	7.93	NULL	236	BP	chemical synaptic transmission
3	6.5	NULL	4278	BP	plasma membrane
4	6.34	NULL	7387	BP	membrane
5	6.09	NULL	52	BP	myelination
6	6.05	NULL	33	BP	regulation of exocytosis
7	5.87	NULL	43	BP	substantia nigra development
8	5.82	NULL	27	BP	glutamate secretion
9	5.45	NULL	119	BP	postsynapse
10	5.4	NULL	13	BP	synaptic transmission, GABAergic
11	5.28	NULL	13	BP	central nervous system myelination
12	4.97	NULL	79	BP	memory
13	4.77	NULL	28	BP	synaptic vesicle exocytosis
14	4.73	NULL	118	BP	exocytosis
15	4.69	NULL	24	BP	positive regulation of exocytosis
16	4.68	NULL	132	BP	membrane organization
17	4.56	NULL	10	BP	negative regulation of inclusion body assembly
18	4.48	NULL	15	BP	synaptic vesicle priming
19	4.4	NULL	31	BP	regulation of NMDA receptor activity
20	4.37	NULL	240	BP	postsynaptic membrane
Underexpressed					
1	−6.55	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
2	−6.37	NULL	630	BP	cell cycle
3	−6.08	NULL	158	BP	DNA replication
4	−5.44	NULL	231	BP	extracellular matrix organization
5	−5.12	NULL	1145	BP	regulation of transcription by RNA polymerase II
6	−5.06	NULL	394	BP	cell division
7	−4.96	NULL	400	BP	chromatin binding
8	−4.75	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
9	−4.61	NULL	85	BP	chromosome segregation
10	−4.52	NULL	484	BP	cellular response to DNA damage stimulus
11	−4.5	NULL	164	BP	mitotic cell cycle
12	−4.37	NULL	13	BP	eyelid development in camera−type eye
13	−4.26	NULL	56	BP	DNA damage response, signal transduction by p53 class mediator
14	−4.16	NULL	843	BP	DNA−binding transcription factor activity
15	−4.01	NULL	541	BP	negative regulation of transcription, DNA−templated
16	−3.94	NULL	1387	BP	regulation of transcription, DNA−templated
17	−3.94	NULL	12	BP	dermatan sulfate biosynthetic process
18	−3.92	NULL	31	BP	mitotic sister chromatid segregation
19	−3.86	NULL	366	BP	DNA repair
20	−3.85	NULL	43	BP	antigen processing and presentation