8213E

Global Summary

%DE = 0.08

genes with fdr < 0.2 = 2175 (1106 + / 1069 −)

genes with fdr < 0.1 = 1356 (663 + / 693 −)

genes with fdr < 0.05 = 981 (474 + / 507 −)

genes with fdr < 0.01 = 544 (249 + / 295 −)

genes in genesets = 16360

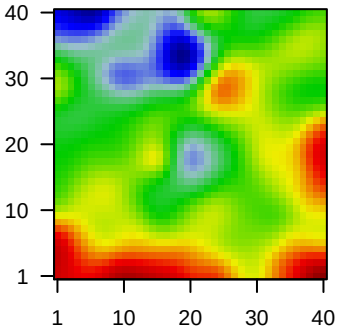
<FC> = 0

<t−score> = 0.12

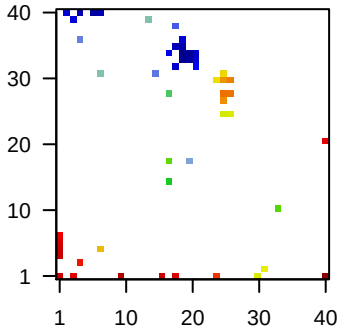
<p−value> = 0.23

<fdr> = 0.92

Portrait



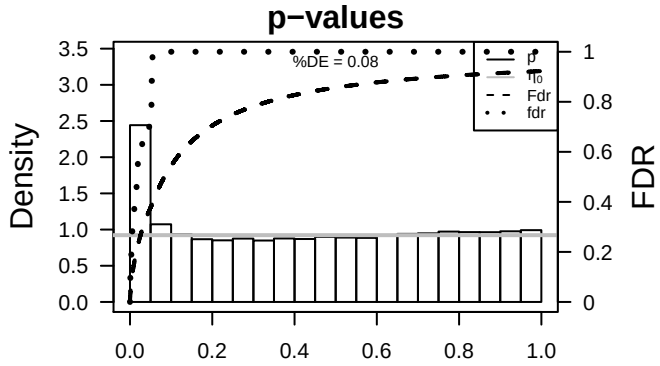
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1552662_a_a	1.99	2e−16	4e−13	3 x 1	protocadherin gamma subfamily B, 7 [Source:HGNC Symbol;
2	1558678_s_a	−1.04	2e−16	4e−13	7 x 40	metastasis associated lung adenocarcinoma transcript 1 [Sou
3	201137_s_at	−1.1	2e−16	4e−13	19 x 34	major histocompatibility complex, class II, DP beta 1 [Source:
4	201348_at	−0.88	2e−16	4e−13	25 x 31	glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:
5	202269_x_at	−1.12	2e−16	4e−13	20 x 34	guanylate binding protein 1 [Source:HGNC Symbol;Acc:HGN
6	202376_at	−2.14	2e−16	4e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
7	204670_x_at	−0.96	2e−16	4e−13	19 x 33	major histocompatibility complex, class II, DR beta 1 [Source:
8	204955_at	−2.45	2e−16	4e−13	26 x 25	sushi repeat containing protein X−linked [Source:HGNC Sym
9	205225_at	2.58	2e−16	4e−13	17 x 28	estrogen receptor 1 [Source:HGNC Symbol;Acc:HGNC:3467]
10	206373_at	−1.01	2e−16	4e−13	17 x 15	Zic family member 1 [Source:HGNC Symbol;Acc:HGNC:1287
11	208306_x_at	−1.1	2e−16	4e−13	19 x 33	major histocompatibility complex, class II, DR beta 1 [Source:
12	208894_at	−1.2	2e−16	4e−13	20 x 33	major histocompatibility complex, class II, DR alpha [Source:H
13	209312_x_at	−0.99	2e−16	4e−13	19 x 33	major histocompatibility complex, class II, DR beta 1 [Source:
14	210982_s_at	−1.16	2e−16	4e−13	20 x 33	major histocompatibility complex, class II, DR alpha [Source:H
15	211990_at	−1	2e−16	4e−13	19 x 34	major histocompatibility complex, class II, DP alpha 1 [Source
16	211991_s_at	−0.88	2e−16	4e−13	19 x 33	major histocompatibility complex, class II, DP alpha 1 [Source
17	213592_at	−1.24	2e−16	4e−13	19 x 36	apelin receptor [Source:HGNC Symbol;Acc:HGNC:339]
18	215193_x_at	−0.94	2e−16	4e−13	19 x 33	major histocompatibility complex, class II, DR beta 3 [Source:
19	217728_at	−1.14	2e−16	4e−13	18 x 35	S100 calcium binding protein A6 [Source:HGNC Symbol;Acc:
20	219537_x_at	0.92	2e−16	4e−13	1 x 5	delta like canonical Notch ligand 3 [Source:NCBI gene;Acc:10

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	12.23	NULL	574	BP	synapse
2	10.49	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
3	9.85	NULL	505	BP	nervous system development
4	9.1	NULL	240	BP	postsynaptic membrane
5	8.93	NULL	1145	BP	regulation of transcription by RNA polymerase II
6	8.37	NULL	1387	BP	regulation of transcription, DNA−templated
7	8.24	NULL	236	BP	chemical synaptic transmission
8	6.89	NULL	131	BP	presynapse
9	6.74	NULL	400	BP	chromatin binding
10	6.51	NULL	623	BP	protein phosphorylation
11	6.46	NULL	4278	BP	plasma membrane
12	6.32	NULL	27	BP	glutamate secretion
13	6.14	NULL	684	BP	phosphorylation
14	6.04	NULL	61	BP	positive regulation of synapse assembly
15	5.82	NULL	783	BP	negative regulation of transcription by RNA polymerase II
16	5.76	NULL	6202	BP	cytoplasm
17	5.68	NULL	342	BP	chromatin organization
18	5.65	NULL	73	BP	modulation of chemical synaptic transmission
19	5.65	NULL	249	BP	brain development
20	5.64	NULL	36	BP	synaptic vesicle endocytosis
Underexpressed					
1	−18.38	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
2	−14.76	NULL	43	BP	antigen processing and presentation
3	−12.81	NULL	388	BP	immune response
4	−12.45	NULL	564	BP	immune system process
5	−10.02	NULL	460	BP	neutrophil degranulation
6	−8.86	NULL	364	BP	inflammatory response
7	−8.61	NULL	43	BP	mitochondrial electron transport, NADH to ubiquinone
8	−8.37	NULL	417	BP	innate immune response
9	−8.32	NULL	83	BP	mitochondrial translational elongation
10	−8.15	NULL	85	BP	mitochondrial translational termination
11	−7.81	NULL	59	BP	mitochondrial respiratory chain complex I assembly
12	−6.86	NULL	276	BP	translation
13	−6.7	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
14	−6.67	NULL	160	BP	T cell receptor signaling pathway
15	−6.48	NULL	59	BP	positive regulation of T cell proliferation
16	−6.33	NULL	67	BP	antigen processing and presentation of exogenous peptide antigen
17	−6.25	NULL	184	BP	defense response to virus
18	−6.19	NULL	118	BP	platelet degranulation
19	−5.94	NULL	48	BP	proteolysis involved in cellular protein catabolic process
20	−5.82	NULL	155	BP	regulation of immune response