7082P

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 2142 (1146 + / 996 −)

genes with fdr < 0.1 = 1369 (765 + / 604 −)

genes with fdr < 0.05 = 1036 (581 + / 455 −)

genes with fdr < 0.01 = 623 (383 + / 240 −)

genes in genesets = 16360

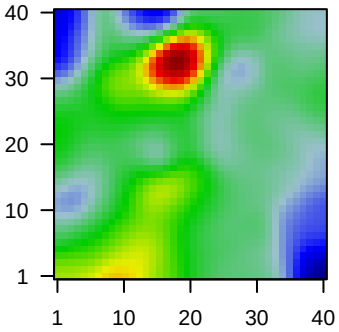
<FC> = 0

<t−score> = 0.04

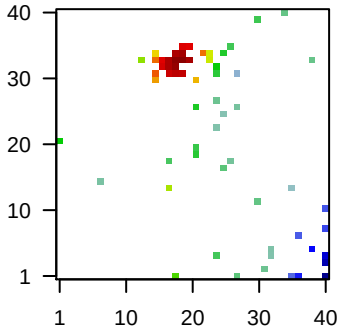
<p−value> = 0.23

<fdr> = 0.93

Portrait



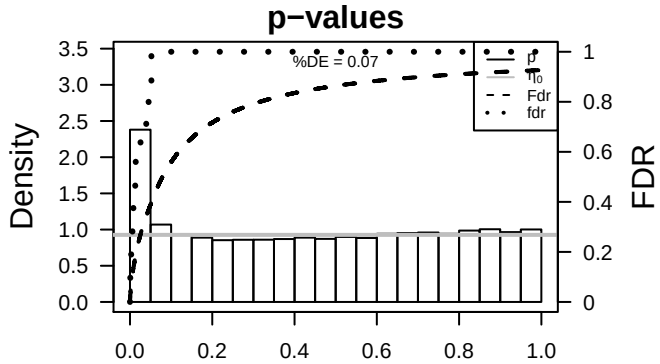
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1554648_a_a	2.54	2e−16	7e−13	34 x 40	dual oxidase maturation factor 1 [Source:HGNC Symbol;Acc:
2	1555773_at	2.15	2e−16	7e−13	13 x 33	BPI fold containing family C [Source:HGNC Symbol;Acc:HGN
3	204221_x_at	2.18	2e−16	7e−13	17 x 32	GLI pathogenesis related 1 [Source:HGNC Symbol;Acc:HGN
4	204320_at	−2.1	2e−16	7e−13	24 x 31	collagen type XI alpha 1 chain [Source:HGNC Symbol;Acc:H
5	204537_s_at	2.41	2e−16	7e−13	18 x 33	gamma−aminobutyric acid type A receptor epsilon subunit [S
6	205374_at	2.53	2e−16	7e−13	19 x 33	sarcolipin [Source:HGNC Symbol;Acc:HGNC:11089]
7	205499_at	2.07	2e−16	7e−13	18 x 33	sushi repeat containing protein X−linked 2 [Source:HGNC Sy
8	206134_at	2.22	2e−16	7e−13	17 x 32	ADAM like decysin 1 [Source:HGNC Symbol;Acc:HGNC:162
9	209728_at	2.1	2e−16	7e−13	17 x 32	major histocompatibility complex, class II, DR beta 4 [Source:
10	214053_at	−1.6	2e−16	7e−13	24 x 27	erb−b2 receptor tyrosine kinase 4 [Source:HGNC Symbol;Ac
11	214085_x_at	1.51	2e−16	7e−13	17 x 31	GLI pathogenesis related 1 [Source:HGNC Symbol;Acc:HGN
12	214741_at	−1.4	2e−16	7e−13	7 x 15	zinc finger protein 131 [Source:HGNC Symbol;Acc:HGNC:12
13	228501_at	1.08	2e−16	7e−13	24 x 32	polypeptide N−acetylgalactosaminyltransferase 15 [Source:H
14	229266_at	−1.96	2e−16	7e−13	35 x 1	shisa family member 6 [Source:HGNC Symbol;Acc:HGNC:34
15	236361_at	0.99	2e−16	7e−13	25 x 34	polypeptide N−acetylgalactosaminyltransferase 15 [Source:H
16	37892_at	−1.87	2e−16	7e−13	24 x 31	collagen type XI alpha 1 chain [Source:HGNC Symbol;Acc:H
17	212671_s_at	2.03	9e−16	2e−11	19 x 33	major histocompatibility complex, class II, DQ alpha 2 [Source
18	208894_at	1.01	1e−15	2e−11	20 x 33	major histocompatibility complex, class II, DR alpha [Source:H
19	201137_s_at	1.06	2e−15	2e−11	19 x 34	major histocompatibility complex, class II, DP beta 1 [Source:
20	226718_at	−1.72	2e−15	2e−11	40 x 8	adhesion molecule with Ig like domain 1 [Source:HGNC Syml

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	19.17	NULL	564	BP	immune system process
2	17.34	NULL	388	BP	immune response
3	14.95	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
4	14.7	NULL	417	BP	innate immune response
5	14.15	NULL	43	BP	antigen processing and presentation
6	13.75	NULL	460	BP	neutrophil degranulation
7	11.85	NULL	155	BP	regulation of immune response
8	11.46	NULL	364	BP	inflammatory response
9	9.73	NULL	64	BP	complement activation, classical pathway
10	9.64	NULL	64	BP	regulation of complement activation
11	9.35	NULL	47	BP	complement activation
12	8.64	NULL	184	BP	defense response to virus
13	8.23	NULL	160	BP	T cell receptor signaling pathway
14	7.95	NULL	289	BP	cytokine−mediated signaling pathway
15	7.93	NULL	222	BP	adaptive immune response
16	7.75	NULL	459	BP	viral process
17	7.58	NULL	152	BP	leukocyte migration
18	7.44	NULL	59	BP	positive regulation of T cell proliferation
19	7.35	NULL	109	BP	response to virus
20	7.25	NULL	148	BP	chemotaxis
Underexpressed					
1	−7.26	NULL	574	BP	synapse
2	−7.11	NULL	505	BP	nervous system development
3	−6.8	NULL	236	BP	chemical synaptic transmission
4	−6.77	NULL	28	BP	synaptic vesicle exocytosis
5	−6.49	NULL	240	BP	postsynaptic membrane
6	−6.21	NULL	51	BP	neurotransmitter secretion
7	−5.44	NULL	27	BP	glutamate secretion
8	−5.24	NULL	92	BP	axonogenesis
9	−5.18	NULL	43	BP	neurotransmitter transport
10	−4.88	NULL	33	BP	regulation of exocytosis
11	−4.82	NULL	27	BP	positive regulation of excitatory postsynaptic potential
12	−4.48	NULL	51	BP	regulation of synaptic vesicle exocytosis
13	−4.47	NULL	64	BP	synapse assembly
14	−4.36	NULL	61	BP	positive regulation of synapse assembly
15	−4.24	NULL	146	BP	homophilic cell adhesion via plasma membrane adhesion molecule
16	−4.15	NULL	55	BP	social behavior
17	−4.14	NULL	13	BP	regulation of short−term neuronal synaptic plasticity
18	−4.1	NULL	1080	BP	multicellular organism development
19	−4.03	NULL	30	BP	associative learning
20	−3.96	NULL	10	BP	high voltage−gated calcium channel activity