3918N

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 1712 (959 + / 753 −)

genes with fdr < 0.1 = 1220 (666 + / 554 −)

genes with fdr < 0.05 = 970 (519 + / 451 −)

genes with fdr < 0.01 = 492 (240 + / 252 −)

genes in genesets = 16360

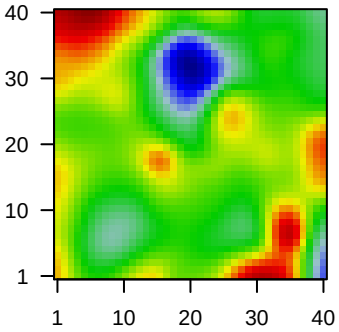
<FC> = 0

<t−score> = 0.11

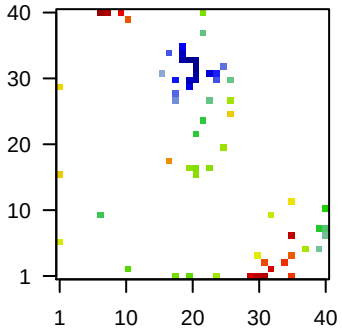
<p−value> = 0.25

<fdr> = 0.94

Portrait



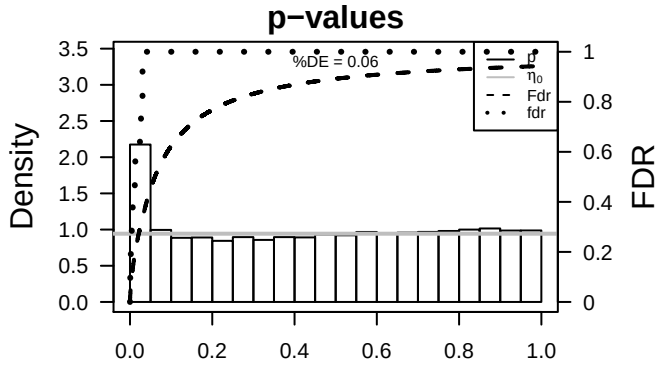
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1558444_at	−1.8	2e−16	4e−13	1 x 29	
2	1569110_x_at	−1.26	2e−16	4e−13	7 x 10	programmed cell death 6 (PDCD6) pseudogene
3	201123_s_at	−1.69	2e−16	4e−13	11 x 2	eukaryotic translation initiation factor 5A [Source:HGNC Syml
4	201289_at	−1.07	2e−16	4e−13	25 x 32	cellular communication network factor 1 [Source:HGNC Symt
5	201531_at	−0.97	2e−16	4e−13	20 x 29	ZFP36 ring finger protein [Source:NCBI gene;Acc:7538]
6	201694_s_at	−0.91	2e−16	4e−13	18 x 27	early growth response 1 [Source:HGNC Symbol;Acc:HGNC:3
7	201909_at	−1.65	2e−16	4e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
8	202988_s_at	−1.59	2e−16	4e−13	21 x 31	regulator of G protein signaling 1 [Source:HGNC Symbol;Acc
9	204320_at	−1.63	2e−16	4e−13	24 x 31	collagen type XI alpha 1 chain [Source:HGNC Symbol;Acc:H
10	204670_x_at	−1.03	2e−16	4e−13	19 x 33	major histocompatibility complex, class II, DR beta 1 [Source:
11	204713_s_at	1.83	2e−16	4e−13	8 x 40	coagulation factor V [Source:HGNC Symbol;Acc:HGNC:3542
12	205466_s_at	−1.45	2e−16	4e−13	23 x 31	heparan sulfate−glucosamine 3−sulfotransferase 1 [Source:H
13	207323_s_at	0.91	2e−16	4e−13	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
14	207659_s_at	1.15	2e−16	4e−13	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG
15	209189_at	−1.34	2e−16	4e−13	20 x 30	Fos proto−oncogene, AP−1 transcription factor subunit [Sourc
16	214218_s_at	2.11	2e−16	4e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
17	216834_at	−1.99	2e−16	4e−13	21 x 31	regulator of G protein signaling 1 [Source:HGNC Symbol;Acc
18	221728_x_at	1.93	2e−16	4e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
19	223737_x_at	−1.71	2e−16	4e−13	24 x 30	carbohydrate sulfotransferase 9 [Source:HGNC Symbol;Acc:H
20	224400_s_at	−1.57	2e−16	4e−13	24 x 30	carbohydrate sulfotransferase 9 [Source:HGNC Symbol;Acc:H

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	5.45	NULL	505	BP	nervous system development
2	4.93	NULL	92	BP	cholesterol metabolic process
3	4.91	NULL	13	BP	regulation of short−term neuronal synaptic plasticity
4	4.69	NULL	133	BP	central nervous system development
5	4.64	NULL	521	BP	lipid metabolic process
6	4.6	NULL	1435	BP	mitochondrion
7	4.43	NULL	12	BP	regulation of postsynaptic neurotransmitter receptor activity
8	4.41	NULL	630	BP	cell cycle
9	4.37	NULL	22	BP	regulation of AMPA receptor activity
10	4.17	NULL	12	BP	branching involved in salivary gland morphogenesis
11	4.13	NULL	14	BP	chondroitin sulfate catabolic process
12	4.09	NULL	26	BP	oligodendrocyte development
13	4.01	NULL	33	BP	regulation of cholesterol biosynthetic process
14	3.92	NULL	40	BP	cholesterol biosynthetic process
15	3.8	NULL	30	BP	oligodendrocyte differentiation
16	3.79	NULL	16	BP	dentate gyrus development
17	3.64	NULL	574	BP	synapse
18	3.63	NULL	394	BP	cell division
19	3.62	NULL	16	BP	L−glutamate transmembrane transport
20	3.59	NULL	13	BP	cerebellar Purkinje cell layer development
Underexpressed					
1	−13.11	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
2	−11.91	NULL	388	BP	immune response
3	−9.63	NULL	564	BP	immune system process
4	−9.37	NULL	43	BP	antigen processing and presentation
5	−8.5	NULL	289	BP	cytokine−mediated signaling pathway
6	−8.26	NULL	364	BP	inflammatory response
7	−6.93	NULL	59	BP	positive regulation of T cell proliferation
8	−6.66	NULL	417	BP	innate immune response
9	−6.19	NULL	74	BP	neutrophil chemotaxis
10	−6.02	NULL	88	BP	cellular response to interferon−gamma
11	−6	NULL	15	BP	positive regulation of interleukin−8 secretion
12	−5.95	NULL	151	BP	cellular response to lipopolysaccharide
13	−5.89	NULL	159	BP	response to lipopolysaccharide
14	−5.73	NULL	151	BP	defense response to bacterium
15	−5.69	NULL	460	BP	neutrophil degranulation
16	−5.41	NULL	13	BP	immunoglobulin mediated immune response
17	−5.4	NULL	10	BP	positive regulation of chemokine biosynthetic process
18	−5.34	NULL	10	BP	response to molecule of bacterial origin
19	−5.2	NULL	41	BP	positive regulation of interferon−gamma production
20	−5.19	NULL	42	BP	toll−like receptor signaling pathway