3595L

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 1315 (741 + / 574 −)

genes with fdr < 0.1 = 1012 (575 + / 437 −)

genes with fdr < 0.05 = 607 (351 + / 256 −)

genes with fdr < 0.01 = 365 (219 + / 146 −)

genes in genesets = 16360

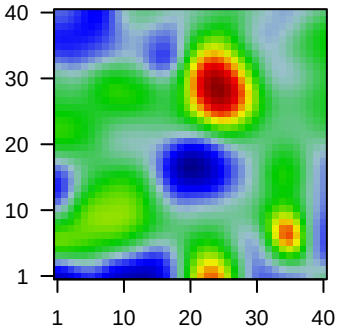
<FC> = 0

<t−score> = 0.22

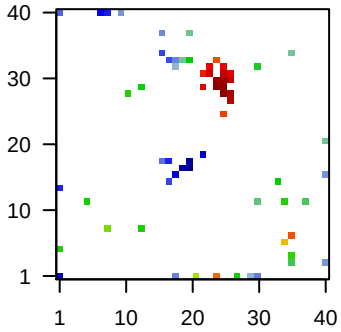
<p−value> = 0.27

<fdr> = 0.95

Portrait



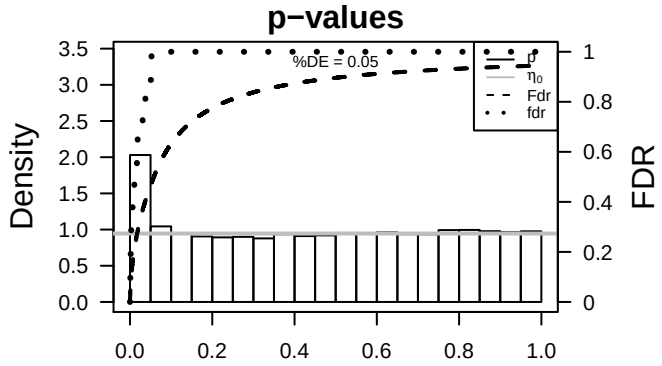
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	200766_at	−0.85	2e−16	1e−12	40 x 16	cathepsin D [Source:HGNC Symbol;Acc:HGNC:2529]
2	201141_at	−1.76	2e−16	1e−12	18 x 32	glycoprotein nmb [Source:HGNC Symbol;Acc:HGNC:4462]
3	201525_at	−0.7	2e−16	1e−12	34 x 12	apolipoprotein D [Source:HGNC Symbol;Acc:HGNC:612]
4	201909_at	1.2	2e−16	1e−12	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
5	205204_at	0.93	2e−16	1e−12	24 x 29	neuromedin B [Source:HGNC Symbol;Acc:HGNC:7842]
6	223122_s_at	0.95	2e−16	1e−12	24 x 1	secreted frizzled related protein 2 [Source:HGNC Symbol;Acc
7	224588_at	−1.97	2e−16	1e−12	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
8	228919_at	−1.05	2e−16	1e−12	7 x 40	
9	235059_at	1.72	2e−16	1e−12	10 x 40	RAB12, member RAS oncogene family [Source:HGNC Symb
10	237471_at	−1.55	2e−16	1e−12	26 x 30	
11	205483_s_at	0.91	4e−16	2e−11	20 x 37	ISG15 ubiquitin−like modifier [Source:HGNC Symbol;Acc:HG
12	206395_at	−1.27	4e−16	2e−11	29 x 1	diacylglycerol kinase gamma [Source:HGNC Symbol;Acc:HG
13	207659_s_at	0.91	4e−16	2e−11	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG
14	227671_at	−1.47	4e−16	2e−11	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
15	229352_at	1.47	4e−16	2e−11	8 x 8	sperm equatorial segment protein 1 [Source:HGNC Symbol;A
16	1556401_a_at	1.45	9e−16	5e−11	24 x 1	novel transcript
17	207148_x_at	1.43	2e−15	1e−10	24 x 30	myozenin 2 [Source:HGNC Symbol;Acc:HGNC:1330]
18	212671_s_at	−1.41	4e−15	2e−10	19 x 33	major histocompatibility complex, class II, DQ alpha 2 [Source
19	203549_s_at	0.66	1e−14	2e−10	26 x 28	lipoprotein lipase [Source:HGNC Symbol;Acc:HGNC:6677]
20	220037_s_at	1.38	1e−14	2e−10	24 x 29	lymphatic vessel endothelial hyaluronan receptor 1 [Source:H

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	9.33	NULL	184	BP	defense response to virus
2	6.63	NULL	109	BP	response to virus
3	6.11	NULL	417	BP	innate immune response
4	5.47	NULL	31	BP	negative regulation of type I interferon production
5	5.3	NULL	4740	BP	cytosol
6	5.14	NULL	41	BP	negative regulation of viral genome replication
7	4.56	NULL	12	BP	planar cell polarity pathway involved in neural tube closure
8	4.38	NULL	13	BP	central nervous system myelination
9	4.26	NULL	12	BP	positive regulation of interferon−alpha production
10	4.16	NULL	13	BP	positive regulation of chemokine secretion
11	4.16	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
12	4.11	NULL	120	BP	translational initiation
13	4.08	NULL	22	BP	innervation
14	4.03	NULL	6202	BP	cytoplasm
15	3.98	NULL	68	BP	retina development in camera−type eye
16	3.92	NULL	16	BP	heparan sulfate proteoglycan binding
17	3.87	NULL	54	BP	positive regulation of interleukin−6 production
18	3.85	NULL	61	BP	positive regulation of synapse assembly
19	3.83	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
20	3.82	NULL	90	BP	viral transcription
Underexpressed					
1	−11.28	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
2	−8.05	NULL	43	BP	antigen processing and presentation
3	−5.7	NULL	254	BP	angiogenesis
4	−5.65	NULL	66	BP	response to mechanical stimulus
5	−4.24	NULL	12	BP	keratan sulfate catabolic process
6	−4.12	NULL	13	BP	response to reactive oxygen species
7	−4.09	NULL	93	BP	antigen processing and presentation of exogenous peptide antigen
8	−3.96	NULL	12	BP	negative regulation of cytosolic calcium ion concentration
9	−3.73	NULL	152	BP	leukocyte migration
10	−3.65	NULL	14	BP	negative regulation of immune response
11	−3.63	NULL	21	BP	regulation of the force of heart contraction
12	−3.58	NULL	21	BP	cellular response to glucocorticoid stimulus
13	−3.57	NULL	57	BP	negative regulation of catalytic activity
14	−3.57	NULL	20	BP	response to corticosterone
15	−3.39	NULL	43	BP	neurotransmitter transport
16	−3.36	NULL	42	BP	bone mineralization
17	−3.29	NULL	10	BP	regulation of dopamine metabolic process
18	−3.28	NULL	65	BP	negative regulation of ERK1 and ERK2 cascade
19	−3.2	NULL	97	BP	female pregnancy
20	−3.18	NULL	25	BP	decidualization