22505P

Global Summary

%DE = 0.08

genes with fdr < 0.2 = 2813 (1538 + / 1275 −)

genes with fdr < 0.1 = 2049 (1143 + / 906 −)

genes with fdr < 0.05 = 1533 (845 + / 688 −)

genes with fdr < 0.01 = 938 (523 + / 415 −)

genes in genesets = 16360

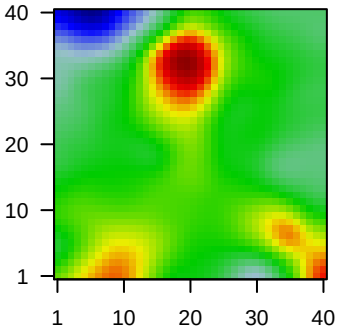
<FC> = 0

<t−score> = 0.04

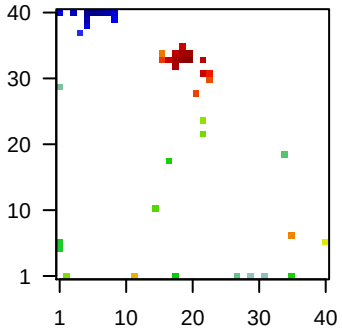
<p−value> = 0.21

<fdr> = 0.92

Portrait



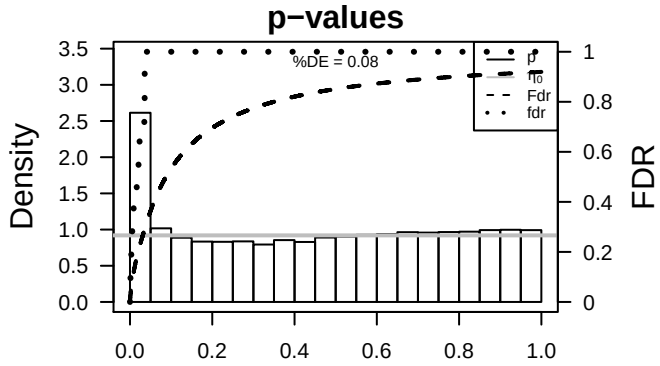
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1553186_x_at	−0.97	2e−16	3e−13	5 x 39	
2	1558747_at	−1.47	2e−16	3e−13	7 x 40	structural maintenance of chromosomes flexible hinge domain
3	201909_at	−1.75	2e−16	3e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
4	202018_s_at	2.88	2e−16	3e−13	19 x 35	lactotransferrin [Source:HGNC Symbol;Acc:HGNC:6720]
5	202376_at	1.14	2e−16	3e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
6	203849_s_at	−1.62	2e−16	3e−13	7 x 40	kinesin family member 1A [Source:HGNC Symbol;Acc:HGNC
7	204006_s_at	1.89	2e−16	3e−13	20 x 33	Fc fragment of IgG receptor IIIa [Source:HGNC Symbol;Acc:
8	205000_at	−1.91	2e−16	3e−13	18 x 1	DEAD−box helicase 3 Y−linked [Source:HGNC Symbol;Acc:
9	208610_s_at	−0.91	2e−16	3e−13	8 x 40	serine/arginine repetitive matrix 2 [Source:HGNC Symbol;Acc
10	209138_x_at	2.54	2e−16	3e−13	18 x 33	immunoglobulin lambda constant 2 [Source:HGNC Symbol;A
11	209254_at	−1.36	2e−16	3e−13	7 x 40	kelch domain containing 10 [Source:HGNC Symbol;Acc:HGN
12	211430_s_at	2.68	2e−16	3e−13	18 x 34	immunoglobulin heavy constant gamma 2 (G2m marker) [Sou
13	211668_s_at	2.06	2e−16	3e−13	19 x 33	plasminogen activator, urokinase [Source:HGNC Symbol;Acc
14	214218_s_at	2	2e−16	3e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
15	214464_at	−1.5	2e−16	3e−13	7 x 40	CDC42 binding protein kinase alpha [Source:HGNC Symbol;/
16	214677_x_at	2.48	2e−16	3e−13	18 x 33	immunoglobulin lambda constant 2 [Source:HGNC Symbol;A
17	215121_x_at	2.43	2e−16	3e−13	18 x 33	immunoglobulin lambda constant 2 [Source:HGNC Symbol;A
18	215176_x_at	2.07	2e−16	3e−13	17 x 33	immunoglobulin kappa variable 1−39 (gene/pseudogene) [So
19	215379_x_at	2.25	2e−16	3e−13	18 x 33	immunoglobulin lambda constant 2 [Source:HGNC Symbol;A
20	217022_s_at	2.09	2e−16	3e−13	18 x 33	immunoglobulin heavy constant alpha 2 (A2m marker) [Sourc

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	17.95	NULL	7387	BP	membrane
2	16.56	NULL	564	BP	immune system process
3	16.51	NULL	388	BP	immune response
4	15.71	NULL	460	BP	neutrophil degranulation
5	15.47	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
6	15.18	NULL	4278	BP	plasma membrane
7	14.85	NULL	47	BP	complement activation
8	14.39	NULL	64	BP	complement activation, classical pathway
9	14.27	NULL	64	BP	regulation of complement activation
10	13.71	NULL	155	BP	regulation of immune response
11	13.19	NULL	43	BP	antigen processing and presentation
12	12.02	NULL	364	BP	inflammatory response
13	11.8	NULL	89	BP	Fc−gamma receptor signaling pathway involved in phagocytosis
14	11.49	NULL	417	BP	innate immune response
15	11.43	NULL	47	BP	phagocytosis, engulfment
16	11.35	NULL	152	BP	leukocyte migration
17	10.95	NULL	154	BP	receptor−mediated endocytosis
18	10.11	NULL	222	BP	adaptive immune response
19	10.04	NULL	56	BP	B cell receptor signaling pathway
20	9.8	NULL	1242	BP	Golgi apparatus
Underexpressed					
1	−6.45	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
2	−5.61	NULL	1387	BP	regulation of transcription, DNA−templated
3	−5.11	NULL	400	BP	chromatin binding
4	−4.67	NULL	342	BP	chromatin organization
5	−4.63	NULL	1145	BP	regulation of transcription by RNA polymerase II
6	−4.35	NULL	843	BP	DNA−binding transcription factor activity
7	−4.01	NULL	541	BP	negative regulation of transcription, DNA−templated
8	−3.93	NULL	1080	BP	multicellular organism development
9	−3.49	NULL	10	BP	positive regulation of hormone secretion
10	−3.49	NULL	13	BP	cerebellar Purkinje cell layer development
11	−3.37	NULL	158	BP	DNA replication
12	−3.25	NULL	55	BP	steroid hormone mediated signaling pathway
13	−3.08	NULL	110	BP	meiotic cell cycle
14	−3.07	NULL	783	BP	negative regulation of transcription by RNA polymerase II
15	−3.07	NULL	162	BP	transcription initiation from RNA polymerase II promoter
16	−3.02	NULL	16	BP	sympathetic nervous system development
17	−2.94	NULL	13	BP	oxidative demethylation
18	−2.85	NULL	66	BP	regulation of circadian rhythm
19	−2.81	NULL	95	BP	anterior/posterior pattern specification
20	−2.7	NULL	46	BP	neural tube development