8081P

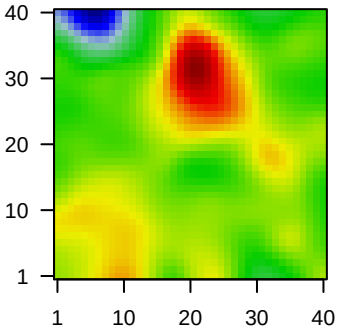
Global Summary

%DE = 0.06
genes with fdr < 0.2 = 1789 (903 + / 886 −)
genes with fdr < 0.1 = 1392 (704 + / 688 −)
genes with fdr < 0.05 = 964 (479 + / 485 −)
genes with fdr < 0.01 = 649 (327 + / 322 −)

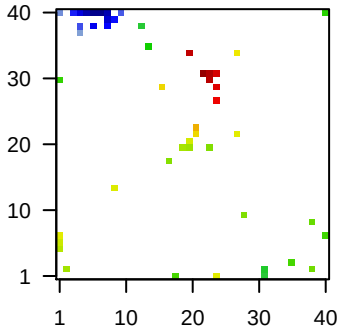
genes in genesets = 16360

<FC> = 0
<t−score> = 0.16
<p−value> = 0.24
<fdr> = 0.94

Portrait



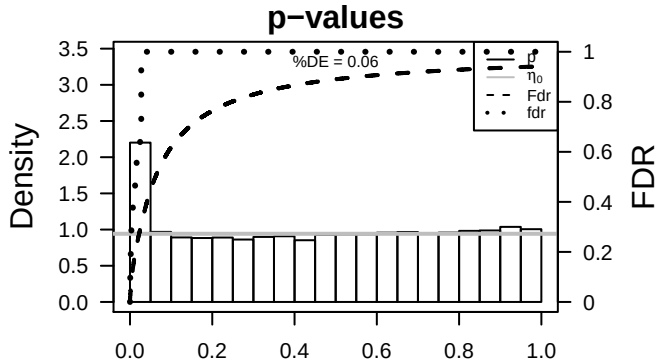
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556416_s_at	−1.44	2e−16	3e−13	5 x 40	
2	1558678_s_at	−0.9	2e−16	3e−13	7 x 40	metastasis associated lung adenocarcinoma transcript 1 [Sou
3	1558747_at	−1.67	2e−16	3e−13	7 x 40	structural maintenance of chromosomes flexible hinge domai
4	1560652_at	2.59	2e−16	3e−13	40 x 7	novel transcript, overlapping to IRS4
5	201909_at	−1.7	2e−16	3e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:I
6	203820_s_at	1.64	2e−16	3e−13	19 x 20	insulin like growth factor 2 mRNA binding protein 3 [Source:H
7	203849_s_at	−1.23	2e−16	3e−13	7 x 40	kinesin family member 1A [Source:HGNC Symbol;Acc:HGNC
8	204041_at	0.93	2e−16	3e−13	23 x 20	monoamine oxidase B [Source:HGNC Symbol;Acc:HGNC:68
9	204409_s_at	−1.61	2e−16	3e−13	18 x 1	eukaryotic translation initiation factor 1A Y−linked [Source:HG
10	205000_at	−1.63	2e−16	3e−13	18 x 1	DEAD−box helicase 3 Y−linked [Source:HGNC Symbol;Acc:H
11	205856_at	−1.54	2e−16	3e−13	24 x 27	solute carrier family 14 member 1 (Kidd blood group) [Source
12	208003_s_at	−1.13	2e−16	3e−13	7 x 40	nuclear factor of activated T cells 5 [Source:HGNC Symbol;Ac
13	208389_s_at	−1.17	2e−16	3e−13	8 x 40	solute carrier family 1 member 2 [Source:HGNC Symbol;Acc:
14	208859_s_at	−1.13	2e−16	3e−13	7 x 40	ATRX, chromatin remodeler [Source:HGNC Symbol;Acc:HGN
15	209116_x_at	0.81	2e−16	3e−13	40 x 40	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:4
16	209254_at	−1.3	2e−16	3e−13	7 x 40	kelch domain containing 10 [Source:HGNC Symbol;Acc:HGN
17	214218_s_at	2.1	2e−16	3e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
18	214464_at	−1.7	2e−16	3e−13	7 x 40	CDC42 binding protein kinase alpha [Source:HGNC Symbol;A
19	221728_x_at	1.83	2e−16	3e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
20	223940_x_at	−1.19	2e−16	3e−13	6 x 40	metastasis associated lung adenocarcinoma transcript 1 [Sou

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	12.16	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
2	9.19	NULL	564	BP	immune system process
3	8.88	NULL	43	BP	antigen processing and presentation
4	7.03	NULL	388	BP	immune response
5	6.74	NULL	417	BP	innate immune response
6	6.65	NULL	59	BP	positive regulation of T cell proliferation
7	6.4	NULL	460	BP	neutrophil degranulation
8	6.35	NULL	6202	BP	cytoplasm
9	6.22	NULL	4740	BP	cytosol
10	6.22	NULL	26	BP	positive regulation of interleukin−8 production
11	5.75	NULL	32	BP	MyD88−dependent toll−like receptor signaling pathway
12	5.73	NULL	148	BP	positive regulation of NF−kappaB transcription factor activity
13	5.54	NULL	10	BP	regulation of cytokine secretion
14	5.48	NULL	184	BP	defense response to virus
15	4.98	NULL	10	BP	negative regulation of inclusion body assembly
16	4.94	NULL	66	BP	phagocytosis
17	4.8	NULL	54	BP	positive regulation of interleukin−6 production
18	4.78	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
19	4.69	NULL	14	BP	toll−like receptor 4 signaling pathway
20	4.59	NULL	14	BP	negative regulation of peptidyl−tyrosine phosphorylation
Underexpressed					
1	−4.13	NULL	41	BP	positive chemotaxis
2	−3.86	NULL	146	BP	homophilic cell adhesion via plasma membrane adhesion molecule
3	−3.79	NULL	627	BP	ion transport
4	−3.75	NULL	21	BP	regulation of the force of heart contraction
5	−3.62	NULL	236	BP	chemical synaptic transmission
6	−3.52	NULL	18	BP	eosinophil chemotaxis
7	−3.4	NULL	121	BP	sodium ion transport
8	−3.36	NULL	34	BP	odontogenesis
9	−3.24	NULL	11	BP	Sertoli cell development
10	−3.16	NULL	13	BP	induction of positive chemotaxis
11	−3.11	NULL	15	BP	miRNA mediated inhibition of translation
12	−3.02	NULL	18	BP	regulation of JNK cascade
13	−2.99	NULL	97	BP	female pregnancy
14	−2.98	NULL	42	BP	bone mineralization
15	−2.97	NULL	82	BP	BMP signaling pathway
16	−2.9	NULL	25	BP	positive regulation of focal adhesion assembly
17	−2.9	NULL	43	BP	mitochondrial electron transport, NADH to ubiquinone
18	−2.86	NULL	10	BP	regulation of macrophage activation
19	−2.62	NULL	28	BP	positive regulation of synaptic transmission, glutamatergic
20	−2.6	NULL	25	BP	cytochrome−c oxidase activity