MPI−031

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 616 (318 + / 298 −)

genes with fdr < 0.1 = 423 (208 + / 215 −)

genes with fdr < 0.05 = 321 (163 + / 158 −)

genes with fdr < 0.01 = 196 (103 + / 93 −)

genes in genesets = 13152

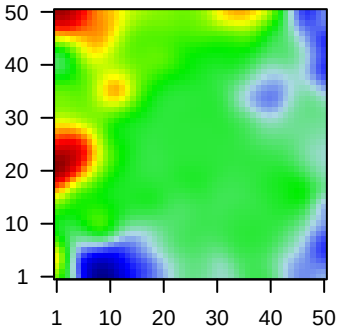
<FC> = 0

<t−score> = −0.01

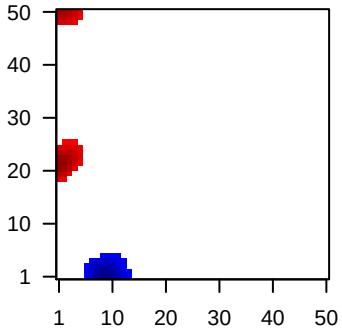
<p−value> = 0.26

<fdr> = 0.95

Portrait



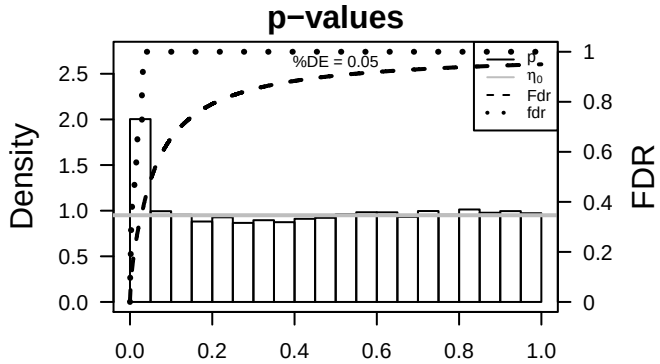
Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	39318_at	−1.62	2e−16	3e−13	46 x 49	T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HC
2	204489_s_at	1.76	2e−16	3e−13	0 x 4	CD44 molecule (Indian blood group) [Source:HGNC Symbol;/
3	204490_s_at	1.38	2e−16	3e−13	0 x 4	CD44 molecule (Indian blood group) [Source:HGNC Symbol;/
4	208763_s_at	−1.55	2e−16	3e−13	3 x 5	TSC22 domain family member 3 [Source:HGNC Symbol;Acc:
5	209395_at	−2.09	2e−16	3e−13	2 x 1	chitinase 3 like 1 [Source:HGNC Symbol;Acc:HGNC:1932]
6	209823_x_at	−1.88	2e−16	3e−13	2 x 8	major histocompatibility complex, class II, DQ beta 1 [Source:
7	209835_x_at	1.34	2e−16	3e−13	0 x 4	CD44 molecule (Indian blood group) [Source:HGNC Symbol;/
8	209995_s_at	−1.41	2e−16	3e−13	46 x 49	T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HC
9	210916_s_at	1.78	2e−16	3e−13	0 x 4	CD44 molecule (Indian blood group) [Source:HGNC Symbol;/
10	211656_x_at	−1.61	2e−16	3e−13	2 x 9	major histocompatibility complex, class II, DQ beta 1 [Source:
11	212014_x_at	1.51	2e−16	3e−13	0 x 4	CD44 molecule (Indian blood group) [Source:HGNC Symbol;/
12	214669_x_at	1.13	2e−16	3e−13	0 x 3	
13	215118_s_at	2.39	2e−16	3e−13	28 x 1	
14	217022_s_at	1.88	2e−16	3e−13	0 x 2	immunoglobulin heavy constant alpha 2 (A2m marker) [Sourc
15	221651_x_at	0.99	2e−16	3e−13	0 x 3	immunoglobulin kappa constant [Source:HGNC Symbol;Acc:I
16	221671_x_at	1.08	2e−16	3e−13	0 x 3	immunoglobulin kappa constant [Source:HGNC Symbol;Acc:I
17	216380_x_at	−1.14	9e−16	1e−11	48 x 36	
18	209374_s_at	−1.02	2e−15	1e−11	0 x 22	immunoglobulin heavy constant mu [Source:HGNC Symbol;A
19	209396_s_at	−1.6	2e−15	4e−11	3 x 1	chitinase 3 like 1 [Source:HGNC Symbol;Acc:HGNC:1932]
20	209810_at	2.25	4e−15	1e−10	0 x 22	surfactant protein B [Source:HGNC Symbol;Acc:HGNC:1080:

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	9.88	NULL	37	Pneumonia	Sweeney_viral_up
2	9.72	NULL	26	GSEA C2	MOSERLE_IFNA_RESPONSE
3	9.17	NULL	57	Pneumonia	Burnham_viral_UP
4	9.11	NULL	72	Reference Signatures	C3_Signature_3,1_Interferon−inducible
5	8.95	NULL	52	Pneumonia	Burnham_day1_vs_5_DN
6	8.03	NULL	47	GSEA C2	DAUER_STAT3_TARGETS_DN
7	7.73	NULL	16	GSEA C2	BOWIE_RESPONSE_TO_TAMOXIFEN
8	7.72	NULL	26	GSEA C2	BENNETT_SYSTEMIC_LUPUS_ERYTHEMATOSUS
9	7.71	NULL	5908	Lymphoma	HOPP_Active_promoter
10	7.69	NULL	184	Chr	Chr 18
11	7.52	NULL	23	GSEA C2	ZHANG_INTERFERON_RESPONSE
12	7.4	NULL	564	GSEA C2	SPIELMAN_LYMPHOBLAST_EUROPEAN_VS_ASIAN_DN
13	7.36	NULL	48	GSEA C2	RADAEVA_RESPONSE_TO_IFNA1_UP
14	7.26	NULL	76	HM	HALLMARK_INTERFERON_ALPHA_RESPONSE
15	7.23	NULL	122	Pneumonia	Terre_IMS_influenza_meta_signature
16	7.11	NULL	5529	Lymphoma	HOPP_Txn_elongation
17	7	NULL	6651	Chromatin States	Thelper cells peripheral blood_5_TxWk
18	6.93	NULL	317	Cancer	SPANG_BCL6−index2
19	6.83	NULL	6637	Chromatin States	T cells peripheral blood_5_TxWk
20	6.78	NULL	166	HM	HALLMARK_INTERFERON_GAMMA_RESPONSE
Underexpressed					
1	−10.11	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
2	−10.09	NULL	18	CC	MHC class II protein complex
3	−9.58	NULL	214	Lymphoma	LENZ_Stromal signature 1
4	−9	NULL	12	MF	MHC class II receptor activity
5	−8.54	NULL	2704	Chromatin States	4_TxTss_Fibroblasts
6	−7.69	NULL	335	GSEA C2	SCHUETZ_BREAST_CANCER_DUCTAL_INVASIVE_UP
7	−7.34	NULL	105	Reference Signatures	C3_Signature_2,4_Ribosomal proteins
8	−7.32	NULL	56	GSEA C2	REACTOME_PEPTIDE_CHAIN_ELONGATION
9	−7.05	NULL	232	BP	translation
10	−7.05	NULL	23	CC	integral component of lumenal side of endoplasmic reticulum meml
11	−6.98	NULL	1600	Chromatin States	4_TxTss_Melanocytes
12	−6.84	NULL	75	GSEA C2	REACTOME_3_UTR_MEDIATED_TRANSLATIONAL_REGULATIO
13	−6.74	NULL	64	BP	SRP−dependent cotranslational protein targeting to membrane
14	−6.74	NULL	58	GSEA C2	KEGG_RIBOSOME
15	−6.68	NULL	28	CC	clathrin−coated endocytic vesicle membrane
16	−6.41	NULL	90	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
17	−6.36	NULL	85	Glioma	ScoV_0.999_Sturm_E2_IDH_DN
18	−6.29	NULL	41	CC	cytosolic large ribosomal subunit
19	−6.28	NULL	110	BP	translational initiation
20	−6.23	NULL	78	GSEA C2	REACTOME_NONSENSE_MEDIATED_DECAY_ENHANCED_BY