MPI−229

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 749 (418 + / 331 −)

genes with fdr < 0.1 = 484 (277 + / 207 −)

genes with fdr < 0.05 = 378 (220 + / 158 −)

genes with fdr < 0.01 = 235 (141 + / 94 −)

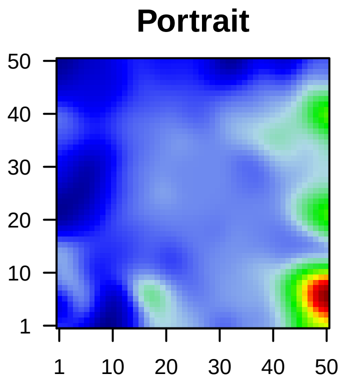
genes in genesets = 13152

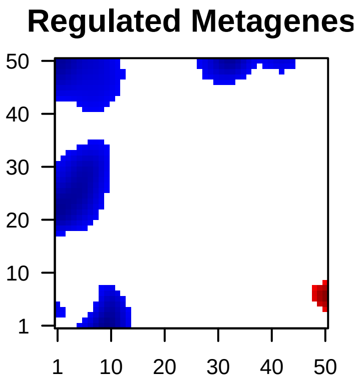
<FC> = 0

<t−score> = −0.02

<p−value> = 0.25

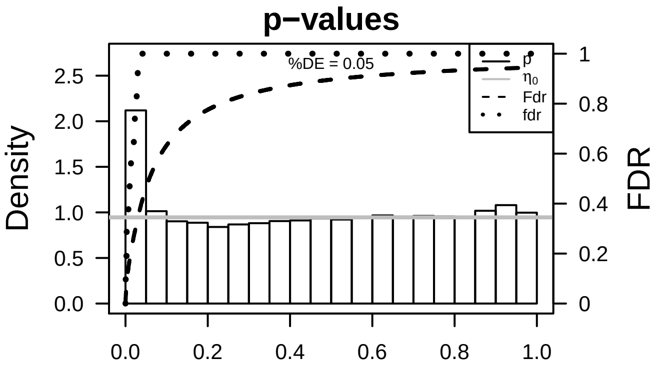
<fdr> = 0.95


Portrait


Regulated Metagenes

Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	44790_s_at	−2.05	2e−16	5e−13	42 x 49	RUN and cysteine rich domain containing beclin 1 interacting
2	205861_at	−1.16	2e−16	5e−13	0 x 23	Spi−B transcription factor [Source:HGNC Symbol;Acc:HGNC:
3	209374_s_at	−1.94	2e−16	5e−13	0 x 22	immunoglobulin heavy constant mu [Source:HGNC Symbol;A
4	212827_at	−1.73	2e−16	5e−13	41 x 44	immunoglobulin heavy constant mu [Source:HGNC Symbol;A
5	214669_x_at	−1.78	2e−16	5e−13	0 x 3	
6	215176_x_at	−1.79	2e−16	5e−13	10 x 5	immunoglobulin kappa variable 1−39 (gene/pseudogene) [So
7	219471_at	−2.21	2e−16	5e−13	42 x 49	RUN and cysteine rich domain containing beclin 1 interacting
8	221651_x_at	−3.22	2e−16	5e−13	0 x 3	immunoglobulin kappa constant [Source:HGNC Symbol;Acc:
9	221671_x_at	−3.14	2e−16	5e−13	0 x 3	immunoglobulin kappa constant [Source:HGNC Symbol;Acc:
10	216766_at	2.26	2e−15	3e−11	46 x 8	
11	39318_at	−1.18	3e−15	4e−11	46 x 49	T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HG
12	215049_x_at	−1.52	5e−15	5e−11	8 x 10	CD163 molecule [Source:HGNC Symbol;Acc:HGNC:1631]
13	201162_at	−1.02	7e−15	3e−10	10 x 3	insulin like growth factor binding protein 7 [Source:HGNC Syn
14	215200_x_at	2.17	3e−14	3e−10	45 x 8	
15	206310_at	2.16	4e−14	3e−09	17 x 6	serine peptidase inhibitor, Kazal type 2 [Source:HGNC Symb
16	201909_at	−1.35	2e−13	3e−09	43 x 49	ribosomal protein S4, Y−linked 1 [Source:HGNC Symbol;Acc:
17	208791_at	−1.41	5e−13	3e−09	0 x 3	clusterin [Source:HGNC Symbol;Acc:HGNC:2095]
18	214836_x_at	−1.05	5e−13	1e−08	0 x 3	
19	200648_s_at	−1.26	9e−13	1e−08	2 x 0	glutamate−ammonia ligase [Source:HGNC Symbol;Acc:HGN
20	203645_s_at	−1.35	1e−12	2e−08	8 x 10	CD163 molecule [Source:HGNC Symbol;Acc:HGNC:1631]


p−values

Global Geneset Analysis

Overexpressed

Rank	GSZ	p−value	#all		Geneset
1	10.44	NULL	188	Reference Signatures	Chaussabel_3,8_Enzymes
2	8.85	NULL	1174	Colon Cancer	LaPointe_mucosa−position_kmeans_E_transverse colon_UP_trans
3	8.39	NULL	14	Lymphoma	WRIGHT_GCB UP
4	8.08	NULL	59	Glioma	WILLSCHER_GBM_Verhaak−PNwt & MES_up
5	7.63	NULL	6	Lymphoma	Care_GCB UP
6	7.23	NULL	4	Lymphoma	WRIGHT_custom GCB−DLBCL UP
7	6.98	NULL	8	Lymphoma	MASCQUE_GCB UP
8	6.96	NULL	554	Chr	Chr 5
9	6.95	NULL	17	Lymphoma	Aukema_BCL2 UP_BCL6 DN
10	6.95	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
11	6.93	NULL	18	CC	MHC class II protein complex
12	6.93	NULL	6368	Colon Cancer	LaPointe_mucosa−position_kmeans_F_cecum colon_transverse c
13	6.89	NULL	143	GSEA C2	LEE_DIFFERENTIATING_T_LYMPHOCYTE
14	6.82	NULL	12	MF	MHC class II receptor activity
15	5.99	NULL	3682	Chromatin states	natural killer cells peripheral blood_6_EnhG
16	5.73	NULL	68	Reference Signatures	Chaussabel_2,1_Cytotoxic cells
17	5.59	NULL	159	GSEA C2	JISON_SICKLE_CELL_DISEASE_DN
18	5.38	NULL	492	Colon Cancer	LaPointe_mucosa−position_kmeans_C_cecum colon_ascending c
19	5.34	NULL	309	GSEA C2	DAZARD_RESPONSE_TO_UV_NHEK_DN
20	5.21	NULL	5527	Chromatin states	Tregulatory cells peripheral blood_4_Tx

Underexpressed

Rank	GSZ	p−value	#all		Geneset
1	−13.81	NULL	32	Reference Signatures	Chaussabel_1,1_Plasma Cells
2	−11.98	NULL	52	BP	complement activation, classical pathway
3	−10.76	NULL	44	MF	antigen binding
4	−10.01	NULL	82	Colon Cancer	Pentrack_CRC_TCGA_group.over_A_normal_UP
5	−10	NULL	16	MF	immunoglobulin receptor binding
6	−9.54	NULL	85	Lymphoma	Aukema_BCL2 DN_BCL6 UP
7	−9.42	NULL	116	CC	blood microparticle
8	−9.33	NULL	18	Lymphoma	WRIGHT_ABC UP
9	−8.8	NULL	77	Lymphoma	TARTE_Plasma cell signature
10	−8.62	NULL	196	HM	HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION
11	−8.46	NULL	19	BP	positive regulation of B cell activation
12	−8.29	NULL	53	BP	regulation of complement activation
13	−8.01	NULL	234	GSEA C2	HOLLMANN_APOPTOSIS_VIA_CD40_DN
14	−7.79	NULL	397	Colon Cancer	Pentrack_CRC_TCGA_corr_C_normal_UP
15	−7.72	NULL	39	BP	complement activation
16	−7.68	NULL	397	GSEA C2	REN_ALVEOLAR_RHABDOMYOSARCOMA_DN
17	−7.46	NULL	21	BP	phagocytosis, recognition
18	−7.35	NULL	11	MF	peptidoglycan binding
19	−7.27	NULL	3	Colon Cancer	Budinska_C_CIMP−H−like_DOWN
20	−7.26	NULL	36	BP	phagocytosis, engulfment