MPI−127

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 453 (258 + / 195 −)

genes with fdr < 0.1 = 316 (176 + / 140 −)

genes with fdr < 0.05 = 290 (159 + / 131 −)

genes with fdr < 0.01 = 163 (85 + / 78 −)

genes in genesets = 13152

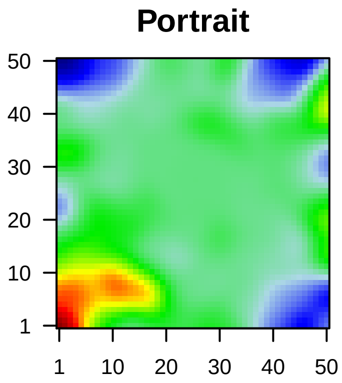
<FC> = 0

<t−score> = 0.04

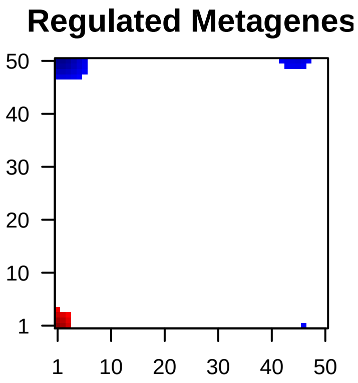
<p−value> = 0.27

<fdr> = 0.95

Portrait



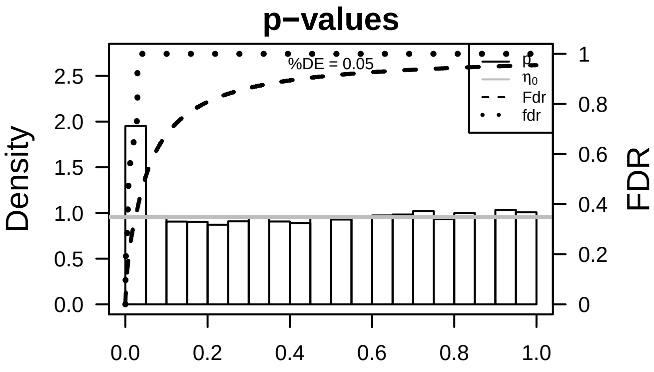
Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	39318_at	−2.16	2e−16	5e−13	46 x 49	T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HG
2	44790_s_at	−1.44	2e−16	5e−13	42 x 49	RUN and cysteine rich domain containing beclin 1 interacting
3	202005_at	−1.46	2e−16	5e−13	43 x 47	suppression of tumorigenicity 14 [Source:HGNC Symbol;Acc:
4	207391_s_at	−1.97	2e−16	5e−13	7 x 46	phosphatidylinositol−4−phosphate 5−kinase type 1 alpha [So
5	207599_at	2.47	2e−16	5e−13	16 x 7	matrix metallopeptidase 20 [Source:HGNC Symbol;Acc:HGN
6	209374_s_at	−1.17	2e−16	5e−13	0 x 22	immunoglobulin heavy constant mu [Source:HGNC Symbol;A
7	209995_s_at	−2.13	2e−16	5e−13	46 x 49	T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HG
8	212827_at	−1.67	2e−16	5e−13	41 x 44	immunoglobulin heavy constant mu [Source:HGNC Symbol;A
9	213831_at	−1.78	2e−16	5e−13	49 x 16	major histocompatibility complex, class II, DQ alpha 1 [Source
10	203290_at	1.97	4e−16	3e−11	7 x 0	major histocompatibility complex, class II, DQ alpha 2 [Source
11	396_f_at	−1.56	2e−15	3e−11	44 x 0	erythropoietin receptor [Source:HGNC Symbol;Acc:HGNC:34
12	219471_at	−1.12	3e−15	1e−10	42 x 49	RUN and cysteine rich domain containing beclin 1 interacting
13	212387_at	−1.14	8e−15	2e−09	0 x 21	transcription factor 4 [Source:HGNC Symbol;Acc:HGNC:1163
14	205485_at	2.05	1e−13	4e−09	5 x 10	ryanodine receptor 1 [Source:HGNC Symbol;Acc:HGNC:1048
15	212009_s_at	−1.19	7e−13	4e−09	1 x 49	stress induced phosphoprotein 1 [Source:HGNC Symbol;Acc
16	204429_s_at	−1.5	7e−13	4e−09	0 x 49	solute carrier family 2 member 5 [Source:HGNC Symbol;Acc:
17	213920_at	1.99	7e−13	4e−08	45 x 49	cut like homeobox 2 [Source:HGNC Symbol;Acc:HGNC:1934
18	201222_s_at	−0.96	3e−12	4e−08	10 x 49	RAD23 homolog B, nucleotide excision repair protein [Source
19	219753_at	1.31	4e−12	5e−08	49 x 39	stromal antigen 3 [Source:HGNC Symbol;Acc:HGNC:11356]
20	208164_s_at	1.9	7e−12	5e−08	17 x 23	interleukin 9 receptor [Source:HGNC Symbol;Acc:HGNC:603

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	15.77	NULL	102	Reference Signatures	WSPH_EBV B−cells
2	14.62	NULL	589	Colon Cancer	Lembcke_TCGA−expr_kmeans_E_CIMP.H_UP_Cluster4_DN
3	14.43	NULL	447	Glioma	ScoV_0.999_Sturm_E4_Mesenchymal_RTK I 'PDGFRA'_DN
4	12.43	NULL	265	GSEA C2	WALLACE_PROSTATE_CANCER_RACE_UP
5	11.68	NULL	78	Melanoma	Tirosh_expression higher in CAFs than in T−cells
6	11.07	NULL	62	Lymphoma	Monti_Host_response_cluster
7	11.05	NULL	166	HM	HALLMARK_INTERFERON_GAMMA_RESPONSE
8	10.82	NULL	429	GSEA C2	SMID_BREAST_CANCER_NORMAL_LIKE_UP
9	10.21	NULL	512	GSEA C2	WEST_ADRENOCORTICAL_TUMOR_DN
10	10.13	NULL	33	Melanoma	Tirosh_T−cell specific genes−melanoma
11	9.94	NULL	336	BP	immune response
12	9.87	NULL	71	Melanoma	Tirosh_Macrophage specific genes−melanoma
13	9.7	NULL	67	GSEA C2	NAKAYAMA_SOFT_TISSUE_TUMORS_PCA1_UP
14	9.63	NULL	223	GSEA C2	MCLACHLAN_DENTAL_CARIES_UP
15	9.56	NULL	431	BP	immune system process
16	9.55	NULL	88	GSEA C2	WIELAND_UP_BY_HBV_INFECTION
17	9.53	NULL	62	GSEA C2	BROWNE_INTERFERON_RESPONSIVE_GENES
18	9.51	NULL	72	Reference Signatures	Chaussabel_3,1_Interferon−inducible
19	9.49	NULL	317	Cancer	SPANG_BCL6−index2
20	9.47	NULL	331	GSEA C2	LINDGREN_BLADDER_CANCER_CLUSTER_2B
Underexpressed					
1	−8.84	NULL	99	Lymphoma	Sha_BL UP
2	−8.47	NULL	319	Melanoma	Gerber_wt/wt_melanoma−cells−SpotA
3	−8.15	NULL	192	Lymphoma	Victora_Dark zone signature
4	−7.79	NULL	966	GSEA C2	KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
5	−7.78	NULL	6368	Colon Cancer	LaPointe_mucosa−position_kmeans_F_cecum colon_transverse c
6	−7.7	NULL	726	GSEA C2	PUJANA_CHEK2_PCC_NETWORK
7	−7.63	NULL	4559	Lymphoma	HOPP_Weak_enhancer
8	−7.46	NULL	226	GSEA C2	ZHANG_TLX_TARGETS_60HR_DN
9	−7.32	NULL	18	Lymphoma	WRIGHT_ABC UP
10	−6.91	NULL	244	GSEA C2	KOBAYASHI_EGFR_SIGNALING_24HR_DN
11	−6.9	NULL	5456	Chromatin states	5_Tx_Neuronal_Progenitor
12	−6.81	NULL	195	HM	HALLMARK_G2M_CHECKPOINT
13	−6.77	NULL	561	Colon Cancer	Pentrack_CRC_TCGA_group.over_C_normal_DN
14	−6.74	NULL	400	GSEA C2	PUJANA_BRCA2_PCC_NETWORK
15	−6.7	NULL	102	GSEA C2	WHITEFORD_PEDIATRIC_CANCER_MARKERS
16	−6.67	NULL	321	GSEA C2	TOYOTA_TARGETS_OF_MIR34B_AND_MIR34C
17	−6.6	NULL	11	MF	peptidoglycan binding
18	−6.57	NULL	1527	GSEA C2	PUJANA_BRCA1_PCC_NETWORK
19	−6.48	NULL	290	GSEA C2	WANG_RESPONSE_TO_GSK3_INHIBITOR_SB216763_DN
20	−6.47	NULL	594	GSEA C2	PATIL_LIVER_CANCER