MPI−105

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 780 (529 + / 251 −)

genes with fdr < 0.1 = 596 (407 + / 189 −)

genes with fdr < 0.05 = 428 (290 + / 138 −)

genes with fdr < 0.01 = 245 (172 + / 73 −)

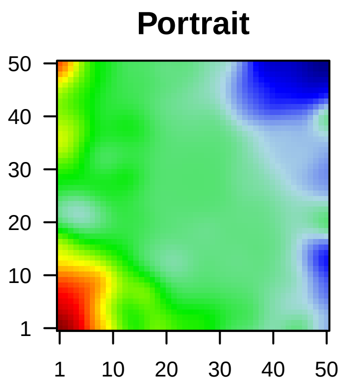
genes in genesets = 13152

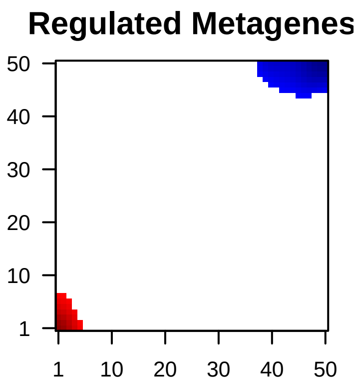
<FC> = 0

<t−score> = −0.01

<p−value> = 0.23

<fdr> = 0.93





Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	39318_at	−1.99	2e−16	4e−13	46 x 49	T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HG
2	201909_at	−1.6	2e−16	4e−13	43 x 49	ribosomal protein S4, Y−linked 1 [Source:HGNC Symbol;Acc:
3	204259_at	3.15	2e−16	4e−13	6 x 3	matrix metallopeptidase 7 [Source:HGNC Symbol;Acc:HGNC
4	207314_x_at	2.05	2e−16	4e−13	12 x 28	killer cell immunoglobulin like receptor, three Ig domains and
5	209728_at	2.29	2e−16	4e−13	0 x 10	major histocompatibility complex, class II, DR beta 4 [Source:
6	209995_s_at	−1.95	2e−16	4e−13	46 x 49	T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HG
7	211532_x_at	2.42	2e−16	4e−13	14 x 28	killer cell immunoglobulin like receptor, two Ig domains and sh
8	211688_x_at	2.14	2e−16	4e−13	12 x 28	killer cell immunoglobulin like receptor, three Ig domains and
9	212827_at	−1.06	2e−16	4e−13	41 x 44	immunoglobulin heavy constant mu [Source:HGNC Symbol;A
10	213831_at	−1.75	2e−16	4e−13	49 x 16	major histocompatibility complex, class II, DQ alpha 1 [Source
11	214254_at	2.56	2e−16	4e−13	11 x 27	MAGE family member A4 [Source:HGNC Symbol;Acc:HGNC
12	216676_x_at	2.15	2e−16	4e−13	14 x 36	killer cell immunoglobulin like receptor, three Ig domains and
13	207339_s_at	−0.96	7e−16	1e−11	49 x 19	lymphotoxin beta [Source:HGNC Symbol;Acc:HGNC:6711]
14	211597_s_at	2	1e−15	2e−11	6 x 3	HOP homeobox [Source:HGNC Symbol;Acc:HGNC:24961]
15	211397_x_at	1.98	3e−15	2e−11	13 x 28	
16	209480_at	−1.69	4e−15	2e−11	49 x 16	major histocompatibility complex, class II, DQ beta 1 [Source:
17	202005_at	−1.24	4e−15	2e−11	43 x 47	suppression of tumorigenicity 14 [Source:HGNC Symbol;Acc:
18	206218_at	1.96	5e−15	3e−11	0 x 15	MAGE family member B2 [Source:HGNC Symbol;Acc:HGNC
19	209823_x_at	0.97	7e−15	9e−11	2 x 8	major histocompatibility complex, class II, DQ beta 1 [Source:
20	204563_at	1.36	1e−14	3e−10	0 x 4	selectin L [Source:HGNC Symbol;Acc:HGNC:10720]

Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	22.45	NULL	589	Colon Cancer	Lembcke_TCGA−expr_kmeans_E_CIMP.H_UP_Cluster4_DN
2	20.18	NULL	447	Glioma	ScoV_0.999_Sturm_E4_Mesenchymal_RTK I 'PDGFRA'_DN
3	17.1	NULL	480	Cancer	Lembcke_Colonic Inflammation
4	15.88	NULL	102	Reference Signatures	WGT_EBV B−cells
5	15.77	NULL	317	Cancer	SPANG_BCL6−index2
6	15.64	NULL	231	Glioma	WILLSCHER_GBM_Verhaak−CL & MES_up
7	15.27	NULL	902	GSEA C2	CHEN_METABOLIC_SYNDROM_NETWORK
8	15.13	NULL	288	Colon Cancer	Pentrack_CRC_TCGA_corr_J_msi−h_UP_mss_DN
9	15.05	NULL	223	GSEA C2	MCLACHLAN_DENTAL_CARIES_UP
10	14.91	NULL	5339	CC	membrane
11	14.87	NULL	85	Lymphoma	Sha_DLBCL UP
12	14	NULL	265	GSEA C2	WALLACE_PROSTATE_CANCER_RACE_UP
13	13.86	NULL	202	GSEA C2	VERHAAK_GLIOBLASTOMA_MESENCHYMAL
14	13.82	NULL	331	GSEA C2	LINDGREN_BLADDER_CANCER_CLUSTER_2B
15	13.81	NULL	3210	CC	plasma membrane
16	13.76	NULL	354	GSEA C2	RODWELL_AGING_KIDNEY_UP
17	13.65	NULL	432	Chromatin states	monocytes peripheral blood_3_TxFlnk
18	13.54	NULL	269	Glioma	ScoV_0.5_Sturm_C3_Mesenchymal_DN
19	13.43	NULL	386	GSEA C2	RUTELLA_RESPONSE_TO_HGF_VS_CSF2RB_AND_IL4_UP
20	13.41	NULL	404	GSEA C2	RUTELLA_RESPONSE_TO_HGF_UP
Underexpressed					
1	−16.33	NULL	726	GSEA C2	PUJANA_CHEK2_PCC_NETWORK
2	−15.27	NULL	319	Melanoma	Gerber_wt/wt_melanoma−cells−SpotA
3	−15.17	NULL	1527	GSEA C2	PUJANA_BRCA1_PCC_NETWORK
4	−13.15	NULL	4579	CC	nucleus
5	−12.78	NULL	2541	CC	nucleoplasm
6	−12.42	NULL	966	GSEA C2	KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
7	−12.03	NULL	400	GSEA C2	PUJANA_BRCA2_PCC_NETWORK
8	−11.57	NULL	160	GSEA C2	PUJANA_XPRSS_INT_NETWORK
9	−11.51	NULL	526	GSEA C2	MARSON_BOUND_BY_E2F4_UNSTIMULATED
10	−11.36	NULL	5456	Chromatin states	5_Tx_Neuronal_Progenitor
11	−11.27	NULL	1161	MF	RNA binding
12	−11.06	NULL	431	GSEA C2	GOBERT_OLIGODENDROCYTE_DIFFERENTIATION_UP
13	−10.99	NULL	187	HM	HALLMARK_E2F_TARGETS
14	−10.96	NULL	439	GSEA C2	SHEDDEN_LUNG_CANCER_POOR_SURVIVAL_A6
15	−10.61	NULL	254	GSEA C2	DUTERTRE_ESTRADIOL_RESPONSE_24HR_UP
16	−10.57	NULL	852	MF	nucleic acid binding
17	−10.49	NULL	575	GSEA C2	CAIRO_HEPATOBLASTOMA_CLASSES_UP
18	−10.48	NULL	294	GSEA C2	WONG_EMBRYONIC_STEM_CELL_CORE
19	−10.36	NULL	244	GSEA C2	KOBAYASHI_EGFR_SIGNALING_24HR_DN
20	−10.17	NULL	280	GSEA C2	MANALO_HYPOXIA_DN