

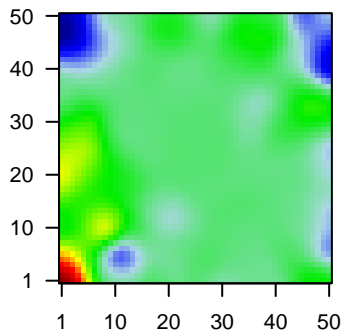
# MPI-230

## Global Summary

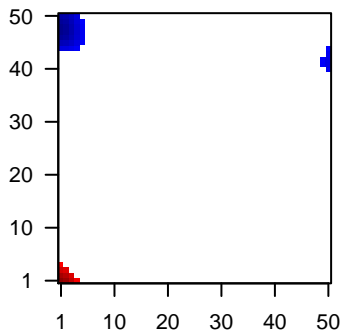
%DE = 0.05  
 # genes with fdr < 0.2 = 601 ( 301 + / 300 - )  
 # genes with fdr < 0.1 = 408 ( 202 + / 206 - )  
 # genes with fdr < 0.05 = 361 ( 178 + / 183 - )  
 # genes with fdr < 0.01 = 224 ( 112 + / 112 - )  
 # genes in genesets = 13152

<FC> = 0  
 <t-score> = 0.14  
 <p-value> = 0.26  
 <fdr> = 0.95

Portrait



Regulated Metagenes



## Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	39318_at	1.11	2e-16	7e-13	46 x 49 T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HGNC:11356]
2	202954_at	-1.22	2e-16	7e-13	38 x 49 ubiquitin conjugating enzyme E2 C [Source:HGNC Symbol;Acc:HGNC:11356]
3	204533_at	1.26	2e-16	7e-13	0 x 0 C-X-C motif chemokine ligand 10 [Source:HGNC Symbol;Acc:HGNC:11356]
4	204951_at	-2.17	2e-16	7e-13	0 x 34 ras homolog family member H [Source:HGNC Symbol;Acc:HGNC:11356]
5	207534_at	2.03	2e-16	7e-13	1 x 16 MAGE family member B1 [Source:HGNC Symbol;Acc:HGNC:11356]
6	213831_at	-1.83	2e-16	7e-13	49 x 16 major histocompatibility complex, class II, DQ alpha 1 [Source:HGNC Symbol;Acc:HGNC:11356]
7	215379_x_at	-1	2e-16	7e-13	41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:HGNC:11356]
8	204018_x_at	1.18	4e-16	5e-12	6 x 29 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC:11356]
9	211745_x_at	1.08	7e-16	7e-12	6 x 29 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC:11356]
10	209995_s_at	1.14	1e-15	7e-12	46 x 49 T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HGNC:11356]
11	215121_x_at	-0.75	1e-15	2e-11	41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:HGNC:11356]
12	217232_x_at	1.32	3e-15	3e-11	6 x 29 hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:11356]
13	220068_at	-1.21	3e-15	3e-11	49 x 39 V-set pre-B cell surrogate light chain 3 [Source:HGNC Symbol;Acc:HGNC:11356]
14	209458_x_at	1.2	5e-15	3e-11	6 x 29 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC:11356]
15	213005_s_at	-1.63	6e-15	3e-10	49 x 39 KN motif and ankyrin repeat domains 1 [Source:HGNC Symbol;Acc:HGNC:11356]
16	209116_x_at	1.26	2e-14	5e-10	6 x 29 hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:11356]
17	219518_s_at	-1.08	1e-13	5e-10	49 x 41
18	219517_at	-1.03	1e-13	5e-10	49 x 41
19	219753_at	-1.22	1e-13	5e-10	49 x 39 stromal antigen 3 [Source:HGNC Symbol;Acc:HGNC:11356]
20	211699_x_at	1.19	2e-13	5e-10	6 x 29 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC:11356]

## Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	14.43	NULL	71	MelanomaTirosh_Macrophage specific genes-melanoma
2	14.1	NULL	589	Colon Cancerbbecke_TCGA-expr_kmeans_E_CIMP_H_UP_Cluster4_DN
3	12.8	NULL	166	HM HALLMARK_INTERFERON_GAMMA_RESPONSE
4	12.39	NULL	447	Glioma ScoV_0.999_Sturm_E4_Mesenchymal_RTK_I_PDGFR_A_DN
5	12.29	NULL	67	GSEA C2NAKAYAMA_SOFT_TISSUE_TUMORS_PCA1_UP
6	12.13	NULL	73	GSEA C2HECKER_IFNB1_TARGETS
7	11.8	NULL	78	MelanomaTirosh_expression higher in CAFs than in T-cells
8	11.52	NULL	354	GSEA C2FULCHER_INFLAMMATORY_RESPONSE_LLECTIN_VS_LPS_DN
9	11.46	NULL	386	GSEA C2RUTELLA_RESPONSE_TO_HGF_VS_CSF2RB_AND_IL4_UP
10	11.35	NULL	52	GSEA C2SANA_RESPONSE_TO_IFNG_UP
11	11.23	NULL	88	GSEA C2WIELAND_UP_BY_HBV_INFECTION
12	10.91	NULL	223	GSEA C2MCLACHLAN_DENTAL_CARIES_UP
13	10.9	NULL	62	GSEA C2BROWNE_INTERFERON_RESPONSIVE_GENES
14	10.38	NULL	219	GSEA C2MCLACHLAN_DENTAL_CARIES_DN
15	9.99	NULL	85	LymphomaMukema_BCL2 DN_BCL6 UP
16	9.82	NULL	76	HM HALLMARK_INTERFERON_ALPHA_RESPONSE
17	9.75	NULL	85	GSEA C2CHIBA_GRAFT_VERSUS_HOST_DISEASE_D7_UP
18	9.72	NULL	186	Cancer SPANG_LPS-index2
19	9.64	NULL	102	ReferenceSignatures_B-cells
20	9.62	NULL	72	ReferenceSignatures_3_1_Interferon-inducible
<i>Underexpressed</i>				
1	-7.42	NULL	9	GSEA C2RUNNE_GENDER_EFFECT_UP
2	-7.29	NULL	44	MF antigen binding
3	-7	NULL	100	ReferenceSignatures_2_8_T-cells
4	-6.99	NULL	263	LymphomaSPANG_CD40 6hrs UP
5	-6.53	NULL	32	ReferenceSignatures_1_1_Plasma Cells
6	-6.52	NULL	16	GSEA C2ZHAN_LATE_DIFFERENTIATION_GENES_DN
7	-6.17	NULL	195	GSEA C2HOLLMANN_APOPTOSIS_VIA_CD40_UP
8	-6.16	NULL	6368	Colon Cancerbbecke_mucosa-position_kmeans_F_cecum_colon_transverse colon
9	-6.16	NULL	15	BP immunoglobulin production
10	-5.84	NULL	52	BP complement activation, classical pathway
11	-5.8	NULL	106	ReferenceSignatures_2_11_Replication
12	-5.77	NULL	1174	Colon Cancerbbecke_mucosa-position_kmeans_E_transverse colon_UP_transverse colon
13	-5.65	NULL	192	LymphomaMictora_Dark zone signature
14	-5.54	NULL	3184	ChromatinSignatures_peripheral_blood_12_EnhBiv
15	-5.44	NULL	3272	ChromatinSignatures_peripheral_blood_14_ReprPCWk
16	-5.44	NULL	275	GSEA C2HADDAD_B_LYMPHOCYTE_PROGENITOR
17	-5.43	NULL	3150	ChromatinSignatures_peripheral_blood_13_ReprPC
18	-5.37	NULL	20	GSEA C2SU_THYMUS
19	-5.33	NULL	53	BP regulation of complement activation
20	-5.3	NULL	2144	ChromatinSignatures_naive_cells_peripheral_blood_6_EnhG

p-values

