

# MPI-236

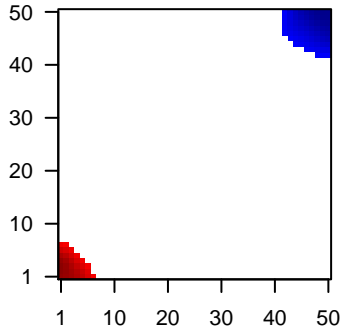
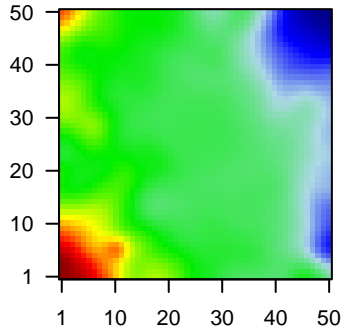
## Global Summary

%DE = 0.06  
 # genes with  $fdr < 0.2$  = 794 ( 531 + / 263 -)  
 # genes with  $fdr < 0.1$  = 581 ( 395 + / 186 -)  
 # genes with  $fdr < 0.05$  = 447 ( 313 + / 134 -)  
 # genes with  $fdr < 0.01$  = 279 ( 197 + / 82 -)  
  
 # genes in genesets = 13152

<FC> = 0  
 <t-score> = 0  
 <p-value> = 0.24  
 <fdr> = 0.94

Portrait

Regulated Metagenes



## Global Genelist

Rank	ID	log(FC)	fdr	Description	
		p-value		Metagene	
1	39318_at	-1.39	2e-16	2e-13	46 x 49 T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HGNC:10044]
2	201122_x_at	-1.23	2e-16	2e-13	49 x 43 eukaryotic translation initiation factor 5A [Source:HGNC Symbol;Acc:HGNC:10044]
3	201123_s_at	-1.3	2e-16	2e-13	1 x 43 eukaryotic translation initiation factor 5A [Source:HGNC Symbol;Acc:HGNC:10044]
4	203819_s_at	-2.54	2e-16	2e-13	49 x 45 insulin like growth factor 2 mRNA binding protein 3 [Source:HGNC Symbol;Acc:HGNC:10044]
5	203820_s_at	-1.88	2e-16	2e-13	43 x 40 insulin like growth factor 2 mRNA binding protein 3 [Source:HGNC Symbol;Acc:HGNC:10044]
6	205124_at	-1.65	2e-16	2e-13	49 x 41 myocyte enhancer factor 2B [Source:HGNC Symbol;Acc:HGNC:10044]
7	206140_at	2.18	2e-16	2e-13	5 x 12 LIM homeobox 2 [Source:HGNC Symbol;Acc:HGNC:6594]
8	207861_at	2.46	2e-16	2e-13	0 x 20 C-C motif chemokine ligand 22 [Source:HGNC Symbol;Acc:HGNC:10044]
9	208650_s_at	-1.73	2e-16	2e-13	44 x 49 CD24 molecule [Source:HGNC Symbol;Acc:HGNC:1645]
10	208651_x_at	-1.35	2e-16	2e-13	44 x 49 CD24 molecule [Source:HGNC Symbol;Acc:HGNC:1645]
11	209269_s_at	-1.53	2e-16	2e-13	4 x 43 spleen associated tyrosine kinase [Source:HGNC Symbol;Acc:HGNC:10044]
12	209374_s_at	-1.3	2e-16	2e-13	0 x 22 immunoglobulin heavy constant mu [Source:HGNC Symbol;Acc:HGNC:10044]
13	209771_x_at	-1.16	2e-16	2e-13	44 x 49 CD24 molecule [Source:HGNC Symbol;Acc:HGNC:1645]
14	209995_s_at	-1.76	2e-16	2e-13	46 x 49 T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HGNC:10044]
15	211372_s_at	2.24	2e-16	2e-13	9 x 12 interleukin 1 receptor type 2 [Source:HGNC Symbol;Acc:HGNC:10044]
16	211430_s_at	1.15	2e-16	2e-13	0 x 4 immunoglobulin heavy constant gamma 2 (G2m marker) [Source:HGNC Symbol;Acc:HGNC:10044]
17	211643_x_at	2.01	2e-16	2e-13	10 x 5
18	211656_x_at	-1.06	2e-16	2e-13	2 x 9 major histocompatibility complex, class II, DQ beta 1 [Source:HGNC Symbol;Acc:HGNC:10044]
19	212827_at	-1.5	2e-16	2e-13	41 x 44 immunoglobulin heavy constant mu [Source:HGNC Symbol;Acc:HGNC:10044]
20	212952_at	-1.48	2e-16	2e-13	49 x 44

## Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	14.34	NULL	404	GSEA C2RUTELLA_RESPONSE_TO_HGF_UP
2	14.12	NULL	589	Colon Cancer Lembecke_TCGA-expr_kmeans_E_CIMP.H_UP_Cluster4_DN
3	14.06	NULL	317	Cancer SPANG_BCL6-index2
4	13.63	NULL	85	Lymphoma Lymphoma_DLBCL UP
5	13.05	NULL	480	Cancer Lembecke_Coloncic Inflammation
6	12.7	NULL	102	Reference Signatures B-cells
7	12.19	NULL	288	Colon Cancer Retrack_CRC_TCGA_corr_J_msi-h_UP_mss_DN
8	12.01	NULL	297	Colon Cancer Retrack_CRC_TCGA_group.over_B_msi-h_UP
9	11.83	NULL	223	GSEA C2MCLACHLAN_DENTAL_CARIES_UP
10	11.65	NULL	188	HM HALLMARK_HYPOXIA
11	11.6	NULL	32	Reference Signatures 1_1_Plasma Cells
12	11.46	NULL	113	BP regulation of immune response
13	11.46	NULL	269	Glioma ScoV_0.5_Sturm_C3_Mesenchymal_DN
14	11.35	NULL	39	BP complement activation
15	11.34	NULL	447	Glioma ScoV_0.999_Sturm_E4_Mesenchymal_RTK1_PDGFR4_DN
16	11.3	NULL	44	MF antigen binding
17	11.26	NULL	327	GSEA C2RUTELLA_RESPONSE_TO_CSF2RB_AND_IL4_UP
18	11.05	NULL	386	GSEA C2RUTELLA_RESPONSE_TO_HGF_VS_CSF2RB_AND_IL4_UP
19	10.94	NULL	90	GSEA C2BASSO_CD40_SIGNALING_UP
20	10.85	NULL	187	HM HALLMARK_INFLAMMATORY_RESPONSE
<i>Underexpressed</i>				
1	-10.96	NULL	726	GSEA C2PUJANA_CHEK2_PCC_NETWORK
2	-10.96	NULL	1527	GSEA C2PUJANA_BRCA1_PCC_NETWORK
3	-8.89	NULL	575	GSEA C2CAIRO_HEPATOBLASTOMA_CLASSES_UP
4	-8.49	NULL	319	Melanoma Berber_wt/wt_melanoma-cells-SpotA
5	-8.35	NULL	174	BP rRNA processing
6	-8.26	NULL	1161	MF RNA binding
7	-8.24	NULL	280	GSEA C2MANALO_HYPOXIA_DN
8	-8.2	NULL	187	HM HALLMARK_E2F_TARGETS
9	-7.83	NULL	99	Lymphoma Lymphoma_BL UP
10	-7.67	NULL	400	GSEA C2PUJANA_BRCA2_PCC_NETWORK
11	-7.39	NULL	190	HM HALLMARK_MYC_TARGETS_V1
12	-7.16	NULL	1312	GSEA C2PUJANA_ATM_PCC_NETWORK
13	-7	NULL	5456	Chromatin State Neuronal_Progenitor
14	-6.9	NULL	105	Reference Signatures 2_4_Ribosomal proteins
15	-6.81	NULL	42	Reference Signatures 1_3_B-cells
16	-6.78	NULL	758	GSEA C2NUYTEN_EZH2_TARGETS_DN
17	-6.47	NULL	852	MF nucleic acid binding
18	-6.44	NULL	431	GSEA C2GOBERT_OLIGODENDROCYTE_DIFFERENTIATION_UP
19	-6.4	NULL	232	BP translation
20	-6.23	NULL	72	GSEA C2SCHUMACHER_MYC_TARGETS_UP

p-values

