

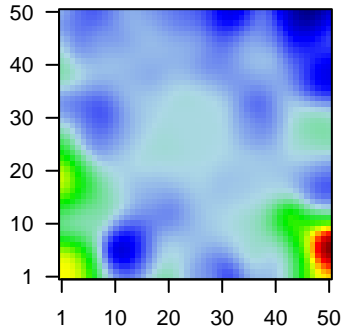
# MPI-224

## Global Summary

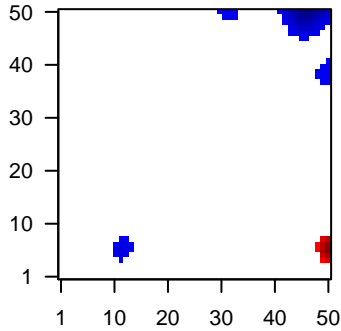
%DE = 0.06  
 # genes with fdr < 0.2 = 776 ( 471 + / 305 -)  
 # genes with fdr < 0.1 = 556 ( 342 + / 214 -)  
 # genes with fdr < 0.05 = 435 ( 277 + / 158 -)  
 # genes with fdr < 0.01 = 271 ( 172 + / 99 -)  
  
 # genes in genesets = 13152

<FC> = 0  
 <t-score> = 0.1  
 <p-value> = 0.24  
 <fdr> = 0.94

### Portrait



### Regulated Metagenes



## Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	201909_at	-1.39	2e-16	3e-13	43 x 49 ribosomal protein S4, Y-linked 1 [Source:HGNC Symbol;Acc:R01487]
2	204238_s_at	-1.35	2e-16	3e-13	4 x 43 2'-deoxynucleoside 5'-phosphate N-hydrolase 1 [Source:HGNC Symbol;Acc:R01487]
3	204805_s_at	-1.54	2e-16	3e-13	49 x 39 H1 histone family member X [Source:HGNC Symbol;Acc:R01487]
4	205054_at	2.1	2e-16	3e-13	42 x 12 nebulin [Source:HGNC Symbol;Acc:HGNC:7720]
5	205374_at	2.05	2e-16	3e-13	42 x 12 sarcolipin [Source:HGNC Symbol;Acc:HGNC:11089]
6	205553_s_at	2.44	2e-16	3e-13	42 x 11 cysteine and glycine rich protein 3 [Source:HGNC Symbol;Acc:R01487]
7	206413_s_at	2.06	2e-16	3e-13	43 x 49 T cell leukemia/lymphoma 1B [Source:HGNC Symbol;Acc:R01487]
8	209138_x_at	-0.81	2e-16	3e-13	41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:R01487]
9	209888_s_at	2.26	2e-16	3e-13	42 x 13 myosin light chain 1 [Source:HGNC Symbol;Acc:HGNC:7582]
10	209904_at	2.08	2e-16	3e-13	42 x 11 troponin C1, slow skeletal and cardiac type [Source:HGNC Symbol;Acc:R01487]
11	213831_at	-1.57	2e-16	3e-13	49 x 16 major histocompatibility complex, class II, DQ alpha 1 [Source:HGNC Symbol;Acc:R01487]
12	215121_x_at	-1.17	2e-16	3e-13	41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:R01487]
13	215379_x_at	-1.59	2e-16	3e-13	41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:R01487]
14	219106_s_at	2.26	2e-16	3e-13	42 x 12 kelch like family member 41 [Source:HGNC Symbol;Acc:HGNC:11089]
15	219360_s_at	2.04	4e-16	2e-11	0 x 20 transient receptor potential cation channel subfamily M member 1 [Source:HGNC Symbol;Acc:R01487]
16	205951_at	2	2e-15	5e-11	41 x 14 myosin heavy chain 1 [Source:HGNC Symbol;Acc:HGNC:7582]
17	205541_s_at	-1.57	4e-15	5e-11	0 x 33 G1 to S phase transition 2 [Source:HGNC Symbol;Acc:HGNC:11089]
18	207534_at	1.95	8e-15	5e-11	1 x 16 MAGE family member B1 [Source:HGNC Symbol;Acc:HGNC:11089]
19	205132_at	1.95	9e-15	3e-10	42 x 11 actin, alpha, cardiac muscle 1 [Source:HGNC Symbol;Acc:R01487]
20	215894_at	1.92	2e-14	5e-10	5 x 19 prostaglandin D2 receptor [Source:HGNC Symbol;Acc:HGNC:11089]

## Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	20.6	NULL	47	GSEA C2RICKMAN_HEAD_AND_NECK_CANCER_F
2	15.8	NULL	83	Reference G101 Muscle
3	14.79	NULL	38	BP muscle filament sliding
4	13.08	NULL	16	Reference G101 Hippocampus
5	12.81	NULL	27	GSEA C2REACTOME_STRIATED_MUSCLE_CONTRACTION
6	12.14	NULL	31	GSEA C2CHEMELLO_SOLEUS_VS_EDL_MYOFIBERS_UP
7	11.79	NULL	589	Colon Cancer G101 TCGA-expr_kmeans_E_CIMP_H_UP_Cluster4_DN
8	11.1	NULL	49	GSEA C2ZBAUER_MYOGENIC_TARGETS_OF_PAX3_FOXO1_FUSION
9	10.61	NULL	85	Lymphoma G101 DLBCL UP
10	10.53	NULL	194	HM HALLMARK_MYOGENESIS
11	10.34	NULL	61	GSEA C2KUNINGER_IGF1_VS_PDFB_TARGETS_UP
12	10.2	NULL	71	Melanoma G101 Macrophage specific genes-melanoma
13	10.18	NULL	45	GSEA C2REACTOME_MUSCLE_CONTRACTION
14	10	NULL	317	Cancer SPANG_BCL6-index2
15	9.58	NULL	41	MF structural constituent of muscle
16	9.58	NULL	447	Glioma G101 ScoV_0.999_Sturm_E4_Mesenchymal_RTK_I_PDGFR_A_DN
17	9.57	NULL	166	HM HALLMARK_INTERFERON_GAMMA_RESPONSE
18	9.43	NULL	15	CC contractile fiber
19	9.22	NULL	78	Melanoma G101 tirosin expression higher in CAFs than in T-cells
20	9.15	NULL	41	BP cardiac muscle contraction
<i>Underexpressed</i>				
1	-9.05	NULL	9160	Chromatin G101 ESC_Neural_Progenitor
2	-8.63	NULL	8918	Chromatin G101 ESC_Mesoderm
3	-8.08	NULL	8641	Chromatin G101 ESC_Endoderm
4	-8.03	NULL	8766	Chromatin G101 ESC_Melanocytes
5	-8.01	NULL	7225	Chromatin G101 ESC_fetal_midbrain_ReprPC
6	-7.55	NULL	8322	Chromatin G101 ESC_naive_cells_peripheral_blood_1_TssA
7	-7.48	NULL	8275	Chromatin G101 ESC_Fibroblasts
8	-7.45	NULL	738	Colon Cancer G101 TCGA-expr_kmeans_N_CIMP_H_DN
9	-7.2	NULL	18	CC MHC class II protein complex
10	-7.06	NULL	17	BP antigen processing and presentation of peptide or polysaccharide antigen fragments
11	-7.02	NULL	9576	Chromatin G101 ESC_MSC_Adipocyte
12	-6.79	NULL	9	GSEA C2RUNNE_GENDER_EFFECT_UP
13	-6.62	NULL	8068	Chromatin G101 ESC_cells_peripheral_blood_1_TssA
14	-6.42	NULL	42	GSEA C2HUMMEL_BURKITT'S_LYMPHOMA_UP
15	-6.39	NULL	8816	Chromatin G101 ESC_cells_peripheral_blood_2_TssAFink
16	-6.34	NULL	70	CC nucleosome
17	-6.28	NULL	7930	Chromatin G101 ESC_tumor_cells_peripheral_blood_1_TssA
18	-6.25	NULL	14	Lymphoma G101 RIGHT_GCB UP
19	-6.01	NULL	8	Lymphoma G101 MASCQUE_GCB UP
20	-6	NULL	6997	Chromatin G101 ESC_fetal_midbrain_K9K27me3

### p-values

