

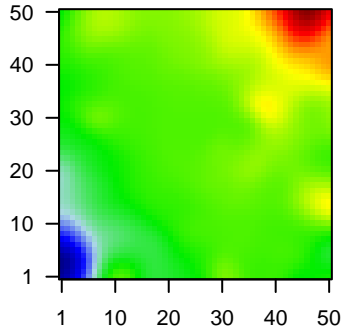
# MPI-138

## Global Summary

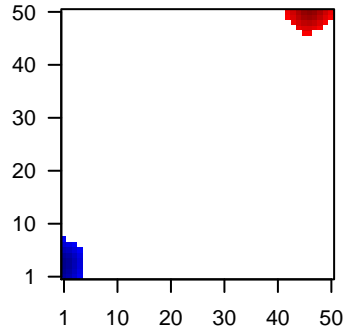
%DE = 0.04  
 # genes with fdr < 0.2 = 443 ( 123 + / 320 - )  
 # genes with fdr < 0.1 = 327 ( 87 + / 240 - )  
 # genes with fdr < 0.05 = 232 ( 56 + / 176 - )  
 # genes with fdr < 0.01 = 161 ( 38 + / 123 - )  
 # genes in genesets = 13152

<FC> = 0  
 <t-score> = -0.03  
 <p-value> = 0.28  
 <fdr> = 0.96

### Portrait



### Regulated Metagenes



## Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	200628_s_at	-1.46	2e-16	2e-13	0 x 0 tryptophanyl-tRNA synthetase [Source:HGNC Symbol;Acc:HGNC:10000]
2	203915_at	-2.45	2e-16	2e-13	0 x 0 C-X-C motif chemokine ligand 9 [Source:HGNC Symbol;Acc:HGNC:10000]
3	204533_at	-1.99	2e-16	2e-13	0 x 0 C-X-C motif chemokine ligand 10 [Source:HGNC Symbol;Acc:HGNC:10000]
4	205242_at	-2.31	2e-16	2e-13	0 x 3 C-X-C motif chemokine ligand 13 [Source:HGNC Symbol;Acc:HGNC:10000]
5	205681_at	-1.54	2e-16	2e-13	0 x 4 BCL2 related protein A1 [Source:HGNC Symbol;Acc:HGNC:10000]
6	205890_s_at	-1.49	2e-16	2e-13	2 x 2 ubiquitin D [Source:HGNC Symbol;Acc:HGNC:18795]
7	205965_at	-1.48	2e-16	2e-13	0 x 4 basic leucine zipper ATF-like transcription factor [Source:HGNC Symbol;Acc:HGNC:10000]
8	206337_at	-2.11	2e-16	2e-13	0 x 4 C-C motif chemokine receptor 7 [Source:HGNC Symbol;Acc:HGNC:10000]
9	206461_x_at	-1.95	2e-16	2e-13	0 x 1 metallothionein 1H [Source:HGNC Symbol;Acc:HGNC:7400]
10	206666_at	-2.38	2e-16	2e-13	0 x 0 granzyme K [Source:HGNC Symbol;Acc:HGNC:4711]
11	209823_x_at	-1.42	2e-16	2e-13	2 x 8 major histocompatibility complex, class II, DQ beta 1 [Source:HGNC Symbol;Acc:HGNC:10000]
12	209939_x_at	-1.82	2e-16	2e-13	0 x 4 CASP8 and FADD like apoptosis regulator [Source:HGNC Symbol;Acc:HGNC:10000]
13	210072_at	-2.47	2e-16	2e-13	0 x 2 C-C motif chemokine ligand 19 [Source:HGNC Symbol;Acc:HGNC:10000]
14	211656_x_at	-1.28	2e-16	2e-13	2 x 9 major histocompatibility complex, class II, DQ beta 1 [Source:HGNC Symbol;Acc:HGNC:10000]
15	211663_x_at	-1.94	2e-16	2e-13	2 x 3 major histocompatibility complex, class II, DQ beta 1 [Source:HGNC Symbol;Acc:HGNC:10000]
16	212187_x_at	-1.28	2e-16	2e-13	3 x 3 prostaglandin D2 synthase [Source:HGNC Symbol;Acc:HGNC:10000]
17	214669_x_at	-1.71	2e-16	2e-13	0 x 3 major histocompatibility complex, class II, DQ beta 1 [Source:HGNC Symbol;Acc:HGNC:10000]
18	217022_s_at	-2.2	2e-16	2e-13	0 x 2 immunoglobulin heavy constant alpha 2 (A2m marker) [Source:HGNC Symbol;Acc:HGNC:10000]
19	217767_at	-2.67	2e-16	2e-13	5 x 3 complement C3 [Source:HGNC Symbol;Acc:HGNC:1318]
20	221651_x_at	-2.26	2e-16	2e-13	0 x 3 immunoglobulin kappa constant [Source:HGNC Symbol;Acc:HGNC:10000]

## Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	13.4	NULL	726	GSEA C2PUJANA_CHEK2_PCC_NETWORK
2	13.35	NULL	1527	GSEA C2PUJANA_BRCA1_PCC_NETWORK
3	12.95	NULL	99	Lymphoma_Tha_BL_UP
4	12.55	NULL	575	GSEA C2CAIRO_HEPATOBLASTOMA_CLASSES_UP
5	12.47	NULL	966	GSEA C2KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
6	12.17	NULL	7225	ChromatinState_fetal_midbrain_ReprPC
7	12.15	NULL	42	GSEA C2HUMMEL_BURKITTIS_LYMPHOMA_UP
8	11.97	NULL	192	Lymphoma_tactora_Dark zone signature
9	11.05	NULL	9160	ChromatinState_Neural_Progenitor
10	10.83	NULL	319	Melanoma_berber_wt/wt_melanoma-cells-SpotA
11	10.56	NULL	602	Colon_Cancertrack_CRC_TCGA_corr_R_normal_DN
12	10.34	NULL	6997	ChromatinState_fetal_midbrain_K9K27me3
13	10.14	NULL	294	GSEA C2WONG_EMBRYONIC_STEM_CELL_CORE
14	10.14	NULL	561	Colon_Cancertrack_CRC_TCGA_group.over_C_normal_DN
15	10.07	NULL	439	GSEA C2SHEDDEN_LUNG_CANCER_POOR_SURVIVAL_A6
16	9.82	NULL	5456	ChromatinState_Neural_Progenitor
17	9.7	NULL	8641	ChromatinState_ESC_Endoderm
18	9.61	NULL	669	GSEA C2JOHNSTONE_PARVB_TARGETS_3_DN
19	9.48	NULL	8918	ChromatinState_ESC_Mesoderm
20	9.38	NULL	400	GSEA C2PUJANA_BRCA2_PCC_NETWORK
<i>Underexpressed</i>				
1	-24.78	NULL	85	Lymphoma_Tha_DLCL UP
2	-22.02	NULL	317	Cancer_SPANG_BCL6-index2
3	-21.94	NULL	589	Colon_Cancertrack_CRC_TCGA-expr_kmeans_E_CIMP_H_UP_Cluster4_DN
4	-20.15	NULL	102	Reference_Spleen_B-cells
5	-19.9	NULL	447	Glioma_ScoV_0.999_Sturm_E4_Mesenchymal_RTK1_PDGFR_A_DN
6	-17.65	NULL	186	Cancer_SPANG_LPS-index2
7	-17.55	NULL	336	BP immune response
8	-16.96	NULL	166	HM HALLMARK_INTERFERON_GAMMA_RESPONSE
9	-16.43	NULL	49	GSEA C2GAURNIER_PSM4_TARGETS
10	-16.42	NULL	78	Melanoma_tirosh_expression_higher_in_CAFs_than_in_T-cells
11	-16.24	NULL	265	GSEA C2MALLACE_PROSTATE_CANCER_RACE_UP
12	-15.9	NULL	404	GSEA C2RUTELLA_RESPONSE_TO_HGF_UP
13	-15.43	NULL	223	GSEA C2MCLACHLAN_DENTAL_CARIES_UP
14	-15.38	NULL	88	GSEA C2MIELAND_UP_BY_HBV_INFECTION
15	-15.06	NULL	52	GSEA C2SANA_RESPONSE_TO_IFNG_UP
16	-14.63	NULL	90	GSEA C2BASSO_CD40_SIGNALING_UP
17	-14.28	NULL	22	Lymphoma_TAVE_NFKB BL DN
18	-14.27	NULL	219	GSEA C2MCLACHLAN_DENTAL_CARIES_DN
19	-14.2	NULL	176	GSEA C2PICCALUGA_ANGIOIMMUNOBLASTIC_LYMPHOMA_UP
20	-13.63	NULL	431	BP immune system process

### p-values

