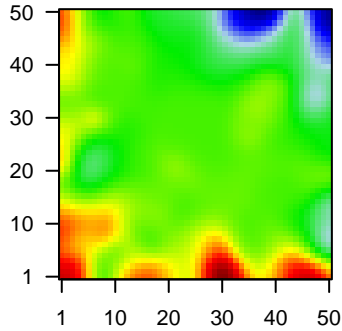


# MPI-174

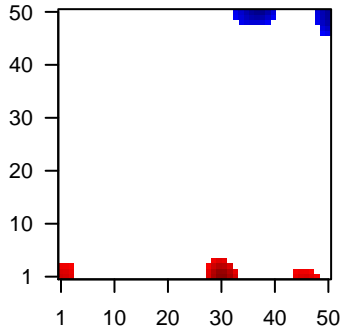
## Global Summary

%DE = 0.05  
 # genes with  $fdr < 0.2$  = 505 ( 248 + / 257 -)  
 # genes with  $fdr < 0.1$  = 351 ( 178 + / 173 -)  
 # genes with  $fdr < 0.05$  = 281 ( 141 + / 140 -)  
 # genes with  $fdr < 0.01$  = 170 ( 81 + / 89 -)  
  
 # genes in genesets = 13152  
  
 $\langle FC \rangle = 0$   
 $\langle t\text{-score} \rangle = -0.06$   
 $\langle p\text{-value} \rangle = 0.26$   
 $\langle fdr \rangle = 0.95$

Portrait



Regulated Metagenes



## Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	201893_x_at	-1.78	2e-16	2e-13	8 x 0 decorin [Source:HGNC Symbol;Acc:HGNC:2705]
2	203509_at	-1.38	2e-16	2e-13	49 x 40 sortilin related receptor 1 [Source:HGNC Symbol;Acc:HGNC:2705]
3	204018_x_at	1.74	2e-16	2e-13	6 x 29 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC:2705]
4	209116_x_at	1.75	2e-16	2e-13	6 x 29 hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:2705]
5	209458_x_at	1.77	2e-16	2e-13	6 x 29 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC:2705]
6	210258_at	-2.44	2e-16	2e-13	49 x 40 regulator of G protein signaling 13 [Source:HGNC Symbol;Acc:HGNC:2705]
7	211696_x_at	1.67	2e-16	2e-13	6 x 29 hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:2705]
8	211699_x_at	1.76	2e-16	2e-13	6 x 29 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC:2705]
9	211745_x_at	1.66	2e-16	2e-13	6 x 29 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC:2705]
10	211896_s_at	-1.75	2e-16	2e-13	8 x 0 decorin [Source:HGNC Symbol;Acc:HGNC:2705]
11	212592_at	-1.52	2e-16	2e-13	45 x 49 joining chain of multimeric IgA and IgM [Source:HGNC Symbol;Acc:HGNC:2705]
12	213831_at	-1.67	2e-16	2e-13	49 x 16 major histocompatibility complex, class II, DQ alpha 1 [Source:HGNC Symbol;Acc:HGNC:2705]
13	214414_x_at	1.47	2e-16	2e-13	6 x 29 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC:2705]
14	214669_x_at	-1.2	2e-16	2e-13	0 x 3
15	215176_x_at	-1.78	2e-16	2e-13	10 x 5 immunoglobulin kappa variable 1-39 (gene/pseudogene) [Source:HGNC Symbol;Acc:HGNC:2705]
16	217232_x_at	1.87	2e-16	2e-13	6 x 29 hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:2705]
17	217414_x_at	2.06	2e-16	2e-13	6 x 29 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC:2705]
18	219518_s_at	-1.65	2e-16	2e-13	49 x 41
19	221651_x_at	-1.4	2e-16	2e-13	0 x 3 immunoglobulin kappa constant [Source:HGNC Symbol;Acc:HGNC:2705]
20	221671_x_at	-1.59	2e-16	2e-13	0 x 3 immunoglobulin kappa constant [Source:HGNC Symbol;Acc:HGNC:2705]

## Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	13.54	NULL	447	Glioma_ScoV_0.999_Sturm_E4_Mesenchymal_RTK1_PDGFR_A_DN
2	12.26	NULL	223	GSEA_C2MCLACHLAN_DENTAL_CARIES_UP
3	11.62	NULL	589	Colon_Cancer_Leiberman_TCGA-expr_kmeans_E_CIMP_H_UP_Cluster4_DN
4	11.32	NULL	3210	CC_plasma membrane
5	10.84	NULL	219	GSEA_C2MCLACHLAN_DENTAL_CARIES_DN
6	10.69	NULL	194	GSEA_C2JAATINEN_HEMATOPOIETIC_STEM_CELL_DN
7	10.32	NULL	1611	CC_extracellular region
8	9.85	NULL	62	Lymphoma_monti_Host_response_cluster
9	9.76	NULL	1930	Chromatin_state_EssA
10	9.64	NULL	403	BP_neutrophil degranulation
11	9.29	NULL	269	Glioma_ScoV_0.5_Sturm_C3_Mesenchymal_DN
12	9.27	NULL	101	BP_defense response to bacterium
13	9.26	NULL	2507	Chromatin_state_fetal_Lobe_ReprPC
14	9.24	NULL	3734	Chromatin_state_peripheral_blood_13_ReprPC
15	9.12	NULL	1090	CC_extracellular space
16	8.96	NULL	105	GSEA_C2CHIBA_GRAFT_VERSUS_HOST_DISEASE_35D_UP
17	8.91	NULL	1676	Chromatin_state_ExtTrans
18	8.88	NULL	5339	CC membrane
19	8.82	NULL	323	BP_inflammatory response
20	8.75	NULL	317	Cancer_SPANG_BCL6-index2
<i>Underexpressed</i>				
1	-19.78	NULL	319	Melanoma_Serber_wt/wt_melanoma-cells-SpotA
2	-16.93	NULL	137	GSEA_C2ROSTY_CERVICAL_CANCER_PROLIFERATION_CLUSTER
3	-16.09	NULL	244	GSEA_C2KOBAYASHI_EGFR_SIGNALING_24HR_DN
4	-15.36	NULL	431	GSEA_C2SOBERT_OLIGODENDROCYTE_DIFFERENTIATION_UP
5	-14.8	NULL	115	Glioma_WILLSCHER_GBM_Verhaak-CL_up (C)
6	-14.67	NULL	726	GSEA_C2PUJANA_CHEK2_PCC_NETWORK
7	-14.66	NULL	400	GSEA_C2PUJANA_BRCA2_PCC_NETWORK
8	-14.21	NULL	187	HM_HALLMARK_E2F_TARGETS
9	-14.14	NULL	219	Reference_Spleen_B-cells
10	-14.05	NULL	526	GSEA_C2MARSON_BOUND_BY_E2F4_UNSTIMULATED
11	-13.94	NULL	439	GSEA_C2SHEDDEN_LUNG_CANCER_POOR_SURVIVAL_A6
12	-13.9	NULL	1527	GSEA_C2PUJANA_BRCA1_PCC_NETWORK
13	-13.81	NULL	966	GSEA_C2KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
14	-13.46	NULL	14	Cancer_SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP
15	-13.41	NULL	79	Melanoma_Airosh_core cycling genes in low- and high-proliferation melanoma
16	-13.38	NULL	254	GSEA_C2DUTERTRE ESTRADIOL_RESPONSE_24HR_UP
17	-12.97	NULL	280	GSEA_C2MANALO_HYPOXIA_DN
18	-12.86	NULL	7225	Chromatin_state_fetal_midbrain_ReprPC
19	-12.73	NULL	271	GSEA_C2REACTOME_CELL_CYCLE_MITOTIC
20	-12.37	NULL	192	Lymphoma_mictora_Dark zone signature

p-values

