

# MPI-226

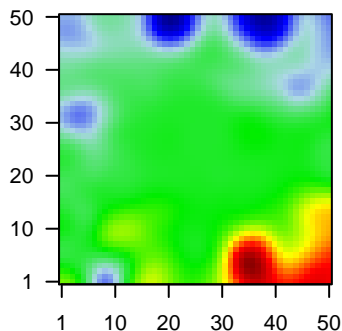
## Global Summary

%DE = 0.09  
 # genes with fdr < 0.2 = 1085 ( 289 + / 796 -)  
 # genes with fdr < 0.1 = 661 ( 130 + / 531 -)  
 # genes with fdr < 0.05 = 528 ( 83 + / 445 -)  
 # genes with fdr < 0.01 = 292 ( 13 + / 279 -)

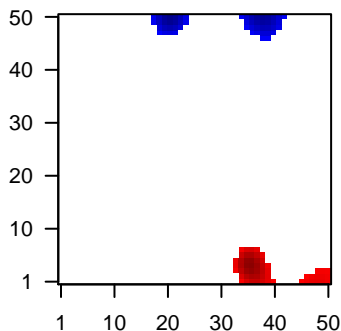
# genes in genesets = 13152

<FC> = 0  
 <t-score> = -1.29  
 <p-value> = 0.21  
 <fdr> = 0.91

### Portrait



### Regulated Metagenes



## Global Genelist

| Rank | ID          | log(FC) | fdr   | p-value | Description                                                                             |
|------|-------------|---------|-------|---------|-----------------------------------------------------------------------------------------|
| 1    | 200665_s_at | -2.07   | 2e-16 | 2e-13   | 9 x 1 secreted protein acidic and cysteine rich [Source:HGNC Symbol;Acc:HGNC:10751]     |
| 2    | 201141_at   | -3.1    | 2e-16 | 2e-13   | 6 x 4 glycoprotein nmb [Source:HGNC Symbol;Acc:HGNC:4462]                               |
| 3    | 201162_at   | -2.42   | 2e-16 | 2e-13   | 10 x 3 insulin like growth factor binding protein 7 [Source:HGNC Symbol;Acc:HGNC:10751] |
| 4    | 201427_s_at | -2.6    | 2e-16 | 2e-13   | 47 x 37 selenoprotein P [Source:HGNC Symbol;Acc:HGNC:10751]                             |
| 5    | 201438_at   | -2.96   | 2e-16 | 2e-13   | 8 x 0 collagen type VI alpha 3 chain [Source:HGNC Symbol;Acc:HGNC:10751]                |
| 6    | 201852_x_at | -2.32   | 2e-16 | 2e-13   | 8 x 0 collagen type III alpha 1 chain [Source:HGNC Symbol;Acc:HGNC:10751]               |
| 7    | 202310_s_at | -2.36   | 2e-16 | 2e-13   | 9 x 0 collagen type I alpha 1 chain [Source:HGNC Symbol;Acc:HGNC:10751]                 |
| 8    | 203454_s_at | -2.47   | 2e-16 | 2e-13   | 4 x 8 antioxidant 1 copper chaperone [Source:HGNC Symbol;Acc:HGNC:10751]                |
| 9    | 203915_at   | -2.65   | 2e-16 | 2e-13   | 0 x 0 C-X-C motif chemokine ligand 9 [Source:HGNC Symbol;Acc:HGNC:10751]                |
| 10   | 204416_x_at | -1.98   | 2e-16 | 2e-13   | 5 x 3 apolipoprotein C1 [Source:HGNC Symbol;Acc:HGNC:607]                               |
| 11   | 205861_at   | -3.19   | 2e-16 | 2e-13   | 0 x 23 Spi-B transcription factor [Source:HGNC Symbol;Acc:HGNC:10751]                   |
| 12   | 205890_s_at | -2.61   | 2e-16 | 2e-13   | 2 x 2 ubiquitin D [Source:HGNC Symbol;Acc:HGNC:18795]                                   |
| 13   | 209924_at   | -2.14   | 2e-16 | 2e-13   | 20 x 49 C-C motif chemokine ligand 18 [Source:HGNC Symbol;Acc:HGNC:10751]               |
| 14   | 210495_x_at | -2.53   | 2e-16 | 2e-13   | 8 x 0 fibronectin 1 [Source:HGNC Symbol;Acc:HGNC:3778]                                  |
| 15   | 211161_s_at | -2.41   | 2e-16 | 2e-13   | 9 x 0 collagen type III alpha 1 chain [Source:HGNC Symbol;Acc:HGNC:10751]               |
| 16   | 211719_x_at | -2.87   | 2e-16 | 2e-13   | 8 x 0 fibronectin 1 [Source:HGNC Symbol;Acc:HGNC:3778]                                  |
| 17   | 211748_x_at | -2.2    | 2e-16 | 2e-13   | 3 x 3 prostaglandin D2 synthase [Source:HGNC Symbol;Acc:HGNC:10751]                     |
| 18   | 212187_x_at | -2.64   | 2e-16 | 2e-13   | 3 x 3 prostaglandin D2 synthase [Source:HGNC Symbol;Acc:HGNC:10751]                     |
| 19   | 212316_at   | -2.48   | 2e-16 | 2e-13   | 1 x 44 nucleoporin 210 [Source:HGNC Symbol;Acc:HGNC:30052]                              |
| 20   | 212464_s_at | -2.76   | 2e-16 | 2e-13   | 8 x 0 fibronectin 1 [Source:HGNC Symbol;Acc:HGNC:3778]                                  |

## Global Geneset Analysis

| Rank                  | GSZ    | p-value | #all | Geneset                                                              |
|-----------------------|--------|---------|------|----------------------------------------------------------------------|
| <i>Overexpressed</i>  |        |         |      |                                                                      |
| 1                     | 16.75  | NULL    | 218  | Reference:GSE11498-Post GC B-cells                                   |
| 2                     | 15.67  | NULL    | 204  | Reference:GSE11498-Post GC B-cells                                   |
| 3                     | 15.23  | NULL    | 112  | GSEA:G2PICCALUGA_ANGIOIMMUNOBLASTIC_LYMPHOMA_UP                      |
| 4                     | 12.24  | NULL    | 190  | HM HALLMARK_TNFA_SIGNALING_VIA_NFKB                                  |
| 5                     | 12.19  | NULL    | 788  | GSEA:G2BUYTAERT_PHOTODYNAMIC_THERAPY_STRESS_UP                       |
| 6                     | 12.15  | NULL    | 432  | Chromatin:Chromatin_Scenes_peripheral_blood_3_TxFnk                  |
| 7                     | 11.28  | NULL    | 6368 | Colon:Colon_Scenes_mucosa-position_kmeans_F_cecum_colon_transverse_c |
| 8                     | 11.12  | NULL    | 194  | GSEA:G2JAATINEN_HEMATOPOIETIC_STEM_CELL_DN                           |
| 9                     | 11.02  | NULL    | 407  | GSEA:G2MITSIADES_RESPONSE_TO_APLIDIN_UP                              |
| 10                    | 10.92  | NULL    | 2375 | Chromatin:Chromatin_Scenes_Fibroblasts                               |
| 11                    | 10.84  | NULL    | 2867 | Chromatin:Chromatin_Scenes_PCWk_MSC_Adipocyte                        |
| 12                    | 10.36  | NULL    | 166  | GSEA:G2NAGASHIMA_NRG1_SIGNALING_UP                                   |
| 13                    | 10.31  | NULL    | 220  | GSEA:G2RUTELLA_RESPONSE_TO_HGF_DN                                    |
| 14                    | 10.26  | NULL    | 2148 | Chromatin:Chromatin_Scenes_PC_Skeletal_Muscle                        |
| 15                    | 10.22  | NULL    | 626  | Chromatin:Chromatin_Scenes_killer_cells_peripheral_blood_3_TxFnk     |
| 16                    | 10.16  | NULL    | 2254 | Chromatin:Chromatin_Scenes_PC_MSC_Adipocyte                          |
| 17                    | 10.15  | NULL    | 160  | GSEA:G2CASORELLI_ACUTE_PROMYELOCYTIC_LEUKEMIA_UP                     |
| 18                    | 10.12  | NULL    | 2240 | Chromatin:Chromatin_Scenes_Fibroblasts                               |
| 19                    | 9.85   | NULL    | 299  | GSEA:G2DEURIG_T_CELL_PROLYMPHOCYTIC_LEUKEMIA_DN                      |
| 20                    | 9.79   | NULL    | 3168 | Lymphoma:Chromatin_Scenes_PC_Repressed                               |
| <i>Underexpressed</i> |        |         |      |                                                                      |
| 1                     | -23.44 | NULL    | 219  | Reference:GSE11498-Post GC B-cells                                   |
| 2                     | -22.68 | NULL    | 176  | GSEA:G2PICCALUGA_ANGIOIMMUNOBLASTIC_LYMPHOMA_UP                      |
| 3                     | -21.33 | NULL    | 1052 | GSEA:G2DODD_NASOPHARYNGEAL_CARCINOMA_DN                              |
| 4                     | -19.69 | NULL    | 966  | GSEA:G2KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP                        |
| 5                     | -19.39 | NULL    | 319  | Melanoma:Chromatin_Scenes_wt/wt_melanoma-cells-SpotA                 |
| 6                     | -19.35 | NULL    | 575  | GSEA:G2CAIRO_HEPATOBLASTOMA_CLASSES_UP                               |
| 7                     | -18.73 | NULL    | 726  | GSEA:G2PUJANA_CHEK2_PCC_NETWORK                                      |
| 8                     | -18.58 | NULL    | 7225 | Chromatin:Chromatin_Scenes_fetal_midbrain_ReprPC                     |
| 9                     | -18.57 | NULL    | 294  | GSEA:G2WONG_EMBRYONIC_STEM_CELL_CORE                                 |
| 10                    | -18.52 | NULL    | 137  | GSEA:G2ROSTY_CERVICAL_CANCER_PROLIFERATION_CLUSTER                   |
| 11                    | -18.47 | NULL    | 9179 | Chromatin:Chromatin_Scenes_Skeletal_Muscle                           |
| 12                    | -18.29 | NULL    | 1527 | GSEA:G2PUJANA_BRCA1_PCC_NETWORK                                      |
| 13                    | -18.25 | NULL    | 115  | Glioma:WILLSCHER_GBM_Verhaak-CL_up (C)                               |
| 14                    | -18.1  | NULL    | 14   | Cancer:SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP                        |
| 15                    | -18.01 | NULL    | 8275 | Chromatin:Chromatin_Scenes_Fibroblasts                               |
| 16                    | -18.01 | NULL    | 8766 | Chromatin:Chromatin_Scenes_Melanocytes                               |
| 17                    | -17.79 | NULL    | 431  | GSEA:G2SOBERT_OLIGODENDROCYTE_DIFFERENTIATION_UP                     |
| 18                    | -17.79 | NULL    | 8918 | Chromatin:Chromatin_Scenes_ESC_Mesoderm                              |
| 19                    | -17.58 | NULL    | 9146 | Chromatin:Chromatin_Scenes_Skeletal_Muscle                           |
| 20                    | -17.33 | NULL    | 244  | GSEA:G2BOYASHI_EGFR_SIGNALING_24HR_DN                                |

### p-values

