```
GSE5455_HEALTHY_VS_TUMOR_BEARING_MOUSE_SPLEEN_MONOCYTE_24H_INCUBATION_DN, GSE5455_HEALTHY_VS_TUMOR_BEARING_MOUSE_SPLEEN_MONOCYTE_24H_INCUBATION_DN
                                                                                                                                           GACTGTT_MIR212_MIR132, GACTGTT_MIR212_MIR132
                                                                                                                                            ACCATTT_MIR522, ACCATTT_MIR522
                                                                                                                                            MIR4738_3P, MIR4738_3P
                                                                                                                                           GSE6875_WT_VS_FOXP3_KO_TREG_UP, GSE6875_WT_VS_FOXP3_KO_TREG_UP
                                                                                                                                           GSE16385 UNTREATED_VS_12H_ROSIGLITAZONE_IL4_TREATED_MACROPHAGE_DN, GSE16385 UNTREATED_VS_12H_ROSIGLITAZONE_IL4_TREATED_MACROPHAGE_DN
                                                                                                                                           MIR499A 5P, MIR499A 5P
                                                                                                                                           GSE36888_UNTREATED_VS_IL2_TREATED_STAT5_AB_KNOCKIN_TCELL_17H_DN, GSE36888_UNTREATED_VS_IL2_TREATED_STAT5_AB_KNOCKIN_TCELL_17H_DN
                                                                                                                                           MIR3177_5P, MIR3177_5P
                                                                                                                                           GSE11924_TH1_VS_TH2_CD4_TCELL_DN, GSE11924_TH1_VS_TH2_CD4_TCELL_DN
                                                                                                                                            MIR506_5P, MIR506_5P
                                                                                                                                           GSE28237_FOLLICULAR_VS_LATE_GC_BCELL_UP, GSE28237_FOLLICULAR_VS_LATE_GC_BCELL_UP
                                                                                                                                            MIR6831_5P, MIR6831_5P
                                                                                                                                           GSE17580_UNINFECTED_VS_S_MANSONI_INF_TEFF_DN, GSE17580_UNINFECTED_VS_S_MANSONI_INF_TEFF_DN
                                                                                                                                            GSE45365_CD8A_DC_VS_CD11B_DC_IFNAR_KO_UP, GSE45365_CD8A_DC_VS_CD11B_DC_IFNAR_KO_UP
                                                                                                                                            MIR6792_3P, MIR6792_3P
                                                                                                                                            REACTOME_GOLGI_ASSOCIATED_VESICLE_BIOGENESIS, REACTOME_GOLGI_ASSOCIATED_VESICLE_BIOGENESIS
                                                                                                                                            MIR12116, MIR12116
                                                                                                                                            IKEDA_MIR133_TARGETS_UP, IKEDA_MIR133_TARGETS_UP
                                                                                                                                            GSE37301_HEMATOPOIETIC_STEM_CELL_VS_GRAN_MONO_PROGENITOR_UP, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_GRAN_MONO_PROGENITOR_UP
                                                                                                                                            MIR618, MIR618
                                                                                                                                            MIR203B 5P, MIR203B 5P
                                                                                                                                            MIR5588_3P, MIR5588_3P
                                                                                                                                            MIR6718_5P, MIR6718_5P
                                                                                                                                            GSE25147_UNSTIM_VS_HELIOBACTER_PYLORI_LPS_STIM_MKN45_CELL_DN, GSE25147_UNSTIM_VS_HELIOBACTER_PYLORI_LPS_STIM_MKN45_CELL_DN
                                                                                                                                            MIR122B_3P, MIR122B_3P
                                                                                                                                            STAT1_01, STAT1_01
                                                                                                                                            MIR2278, MIR2278
                                                                                                                                            MIR140_5P, MIR140_5P
                                                                                                                                            GOMF_TRANSFERASE_ACTIVITY_TRANSFERRING_PENTOSYL_GROUPS, GOMF_TRANSFERASE_ACTIVITY_TRANSFERRING_PENTOSYL_GROUPS
                                                                                                                                            MIR1261, MIR1261
                                                                                                                                            HAY_BONE_MARROW_CD34_POS_PRE_PC, HAY_BONE_MARROW_CD34_POS_PRE_PC
                                                                                                                                            MIR3934_3P, MIR3934_3P
                                                                                                                                            MIR6895_5P, MIR6895_5P
                                                                                                                                            MIR4490, MIR4490
                                                                                                                                            XU_HGF_TARGETS_INDUCED_BY_AKT1_6HR, XU_HGF_TARGETS_INDUCED_BY_AKT1_6HR
                                                                                                                                            MIR6862_5P, MIR6862_5P
                                                                                                                                           ZAK_PBMC_MRKAD5_HIV_1_GAG_POL_NEF_AGE_20_50YO_AD5_NAB_TITERS_GTE_200_VS_LTE_200_1DY_UP, ZAK_PBMC_MRKAD5_HIV_1_GAG_POL_NEF_AGE_20_50YO_AD5_NAB_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE_200_TITERS_GTE
                                                                                                                                          MIR5681B, MIR5681B
_TREATED_MONOCYTE_DAY7_UP, GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY7_UP
                                                                                                                                            MIR3614_3P, MIR3614_3P
                                                                                                                                            GOBP_POSITIVE_REGULATION_OF_MACROAUTOPHAGY, GOBP_POSITIVE_REGULATION_OF_MACROAUTOPHAGY
                                                                                                                                            ZHAN_MULTIPLE_MYELOMA_MF_UP, ZHAN_MULTIPLE_MYELOMA_MF_UP
                                                                                                                                            GOBP_PYRIDINE_CONTAINING_COMPOUND_METABOLIC_PROCESS, GOBP_PYRIDINE_CONTAINING_COMPOUND_METABOLIC_PROCESS
                                                                                                                                            GOBP_PREASSEMBLY_OF_GPI_ANCHOR_IN_ER_MEMBRANE, GOBP_PREASSEMBLY_OF_GPI_ANCHOR_IN_ER_MEMBRANE
                                                                                                                                            REACTOME_SYNTHESIS_OF_GLYCOSYLPHOSPHATIDYLINOSITOL_GPI, REACTOME_SYNTHESIS_OF_GLYCOSYLPHOSPHATIDYLINOSITOL_GPI
                                                                                                                                            NEUROG3 TARGET GENES, NEUROG3 TARGET GENES
                                                                                                                                            GOBP_RHODOPSIN_MEDIATED_SIGNALING_PATHWAY, GOBP_RHODOPSIN_MEDIATED_SIGNALING_PATHWAY
                                                                                                                                            MIR365B_5P, MIR365B_5P
                                                                                                                                            GGCAGAC_MIR346, GGCAGAC_MIR346
                                                                                                                                            KIM_PTEN_TARGETS_UP, KIM_PTEN_TARGETS_UP
                                                                                                                                            GOBP_PURINE_CONTAINING_COMPOUND_SALVAGE, GOBP_PURINE_CONTAINING_COMPOUND_SALVAGE
                                                                                                                                            MIR376A_2_5P, MIR376A_2_5P
                                                                                                                                            GOMF_SIRNA_BINDING, GOMF_SIRNA_BINDING
                                                                                                                                            GOMF_UDP_XYLOSYLTRANSFERASE_ACTIVITY, GOMF_UDP_XYLOSYLTRANSFERASE_ACTIVITY
                                                                                                                                            MIR5010_5P, MIR5010_5P
                                                                                                                                            WP_PURINE_METABOLISM, WP_PURINE_METABOLISM
                                                                                                                                            MIR365A_5P, MIR365A_5P
                                                                                                                                            BUSSLINGER_GASTRIC_D_CELLS, BUSSLINGER_GASTRIC_D_CELLS
                                                                                                                                            GOMF_NADH_PYROPHOSPHATASE_ACTIVITY, GOMF_NADH_PYROPHOSPHATASE_ACTIVITY
                                                                                                                                            BOYAULT_LIVER_CANCER_SUBCLASS_G6_DN, BOYAULT_LIVER_CANCER_SUBCLASS_G6_DN
                                                                                                                                            MIR219A_1_3P, MIR219A_1_3P
                                                                                                                                            MIR4525, MIR4525
                                                                                                                                            GOBP_RESPONSE_TO_HEPATOCYTE_GROWTH_FACTOR, GOBP_RESPONSE_TO_HEPATOCYTE_GROWTH_FACTOR
                                                                                                                                           GOBP_ADENYLATE_CYCLASE_ACTIVATING_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY, GOBP_ADENYLATE_CYCLASE_ACTIVATING_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                                           HP_WIDE_CRANIAL_SUTURES, HP_WIDE_CRANIAL_SUTURES
                                                                                                                                           GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLACK_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLACK_UP
                                                                                                                                           HP_AUTOIMMUNE_HEMOLYTIC_ANEMIA, HP_AUTOIMMUNE_HEMOLYTIC_ANEMIA
                                                                                                                                           GOMF_PROTEIN_GERANYLGERANYLTRANSFERASE_ACTIVITY, GOMF_PROTEIN_GERANYLGERANYLTRANSFERASE_ACTIVITY
                                                                                                                                           REACTOME_PHASE_3_RAPID_REPOLARISATION, REACTOME_PHASE_3_RAPID_REPOLARISATION
                                                                                                                                           GOMF_G_PROTEIN_BETA_SUBUNIT_BINDING, GOMF_G_PROTEIN_BETA_SUBUNIT_BINDING
                                                                                                                                           HP_SYSTEMIC_LUPUS_ERYTHEMATOSUS, HP_SYSTEMIC_LUPUS_ERYTHEMATOSUS
                                                                                                                                           GOBP_TOLL_LIKE_RECEPTOR_7_SIGNALING_PATHWAY, GOBP_TOLL_LIKE_RECEPTOR_7_SIGNALING_PATHWAY
                                                                                                                                           MOTAMED_RESPONSE_TO_ANDROGEN_UP, MOTAMED_RESPONSE_TO_ANDROGEN_UP
                                                                                                                                           GIAROLA_SILVA_BLOOD_PANDEMRIX_AGE_21_51YO_3DY_UP, GIAROLA_SILVA_BLOOD_PANDEMRIX_AGE_21_51YO_3DY_UP
                                                                                                                                           FREDERICK_PRKCI_TARGETS, FREDERICK_PRKCI_TARGETS
                                                                                                                                           KIM GLIS2 TARGETS DN, KIM GLIS2 TARGETS DN
                                                                                                                                           HP_ABNORMALITY_OF_THE_TONGUE_MUSCLE, HP_ABNORMALITY_OF_THE_TONGUE_MUSCLE
                                                                                                                                           REACTOME PHASE 2 PLATEAU PHASE, REACTOME PHASE 2 PLATEAU PHASE
                                                                                                                                            GOCC_G_PROTEIN_BETA_GAMMA_SUBUNIT_COMPLEX, GOCC_G_PROTEIN_BETA_GAMMA_SUBUNIT_COMPLEX
                                                                                                                                            GOCC_INTERCELLULAR_CANALICULUS, GOCC_INTERCELLULAR_CANALICULUS
                                                                                                                                            GOBP SEROTONIN UPTAKE, GOBP SEROTONIN UPTAKE
                                                                                                                                            GOMF_PROTEIN_GLUTAMINE_GAMMA_GLUTAMYLTRANSFERASE_ACTIVITY, GOMF_PROTEIN_GLUTAMINE_GAMMA_GLUTAMYLTRANSFERASE_ACTIVITY
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chr13q33, chr13q33

chr3q12, chr3q12

ZHENG_FOXP3_TARGETS_IN_THYMUS_UP, ZHENG_FOXP3_TARGETS_IN_THYMUS_UP

GSE17721_POLYIC_VS_CPG_24H_BMDC_DN, GSE17721_POLYIC_VS_CPG_24H_BMDC_DN

GSE11386_NAIVE_VS_MEMORY_BCELL_DN, GSE11386_NAIVE_VS_MEMORY_BCELL_DN

MIR513C_5P, MIR513C_5P

MIR514B_5P, MIR514B_5P

PUIFFE_INVASION_INHIBITED_BY_ASCITES_DN, PUIFFE_INVASION_INHIBITED_BY_ASCITES_DN

GSE24142_DN2_VS_DN3_THYMOCYTE_ADULT_DN, GSE24142_DN2_VS_DN3_THYMOCYTE_ADULT_DN