```
GSE41867_NAIVE_VS_DAY30_LCMV_CLONE13_EXHAUSTED_CD8_TCELL_DN, GSE41867_NAIVE_VS_DAY30_LCMV_CLONE13_EXHAUSTED_CD8_TCELL_DN
                                                                                                                                          GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_UP, GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_UP
                                                                                                                                          GSE23984_CTRL_VS_HYPOCALEMIC_VITAMIND_ANALOG_TCELL_DN, GSE23984_CTRL_VS_HYPOCALEMIC_VITAMIND_ANALOG_TCELL_DN
                                                                                                                                          GSE41867 NAIVE VS DAY8 LCMV EFFECTOR CD8 TCELL DN, GSE41867 NAIVE VS DAY8 LCMV EFFECTOR CD8 TCELL DN
                                                                                                                                          GSE27859_DC_VS_CD11C_INT_F480_INT_DC_UP, GSE27859_DC_VS_CD11C_INT_F480_INT_DC_UP
                                                                                                                                         GSE24142_DN2_VS_DN3_THYMOCYTE_DN, GSE24142_DN2_VS_DN3_THYMOCYTE_DN
                                                                                                                                         GSE2770_UNTREATED_VS_TGFB_AND_IL4_TREATED_ACT_CD4_TCELL_4H_UP, GSE2770_UNTREATED_VS_TGFB_AND_IL4_TREATED_ACT_CD4_TCELL_4H_UP
                                                                                                                                         GSE22611_NOD2_TRANSDUCED_VS_CTRL_HEK293T_STIMULATED_WITH_MDP_2H_UP, GSE22611_NOD2_TRANSDUCED_VS_CTRL_HEK293T_STIMULATED_WITH_MDP_2H_UP
                                                                                                                                         GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_KO_4H_DN, GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_KO_4H_DN
                                                                                                                                         GSE23502_BM_VS_COLON_TUMOR_HDC_KO_MYELOID_DERIVED_SUPPRESSOR_CELL_DN, GSE23502_BM_VS_COLON_TUMOR_HDC_KO_MYELOID_DERIVED_SUPPRESSOR_CELL_DN
                                                                                                                                         GSE24142 EARLY THYMIC PROGENITOR VS DN3 THYMOCYTE DN, GSE24142 EARLY THYMIC PROGENITOR VS DN3 THYMOCYTE DN
                                                                                                                                         GSE22432_CDC_VS_COMMON_DC_PROGENITOR_UP, GSE22432_CDC_VS_COMMON_DC_PROGENITOR_UP
                                                                                                                                         GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_24H_DN, GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_24H_DN
                                                                                                                                         GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_UP, GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_UP
                                                                                                                                         GSE24671_CTRL_VS_BAKIMULC_INFECTED_MOUSE_SPLENOCYTES_UP, GSE24671_CTRL_VS_BAKIMULC_INFECTED_MOUSE_SPLENOCYTES_UP
                                                                                                                                         GSE37301_CD4_TCELL_VS_RAG2_KO_NK_CELL_DN, GSE37301_CD4_TCELL_VS_RAG2_KO_NK_CELL_DN
                                                                                                                                         GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_UP, GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_UP
                                                                                                                                         GSE16697_CD4_TCELL_VS_TFH_CD4_TCELL_UP, GSE16697_CD4_TCELL_VS_TFH_CD4_TCELL_UP
                                                                                                                                         GSE21380_NON_TFH_VS_TFH_CD4_TCELL_UP, GSE21380_NON_TFH_VS_TFH_CD4_TCELL_UP
                                                                                                                                         GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_8H_UP, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_8H_UP
                                                                                                                                         GSE25677 MPL VS R848 STIM BCELL DN, GSE25677 MPL VS R848 STIM BCELL DN
                                                                                                                                         GSE36888_UNTREATED_VS_IL2_TREATED_TCELL_2H_UP, GSE36888_UNTREATED_VS_IL2_TREATED_TCELL_2H_UP
                                                                                                                                         GSE14308_TH17_VS_INDUCED_TREG_UP, GSE14308_TH17_VS_INDUCED_TREG_UP
                                                                                                                                         GSE7460_CTRL_VS_TGFB_TREATED_ACT_FOXP3_HET_TCONV_DN, GSE7460_CTRL_VS_TGFB_TREATED_ACT_FOXP3_HET_TCONV_DN
                                                                                                                                         GSE12003_MIR223_KO_VS_WT_BM_PROGENITOR_4D_CULTURE_UP, GSE12003_MIR223_KO_VS_WT_BM_PROGENITOR_4D_CULTURE_UP
                                                                                                                                         GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_24H_UP, GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_24H_UP
                                                                                                                                         GSE17580_UNINFECTED_VS_S_MANSONI_INF_TREG_UP, GSE17580_UNINFECTED_VS_S_MANSONI_INF_TREG_UP
                                                                                                                                         GSE7852_TREG_VS_TCONV_UP, GSE7852_TREG_VS_TCONV_UP
                                                                                                                                         GSE3039_B2_VS_B1_BCELL_UP, GSE3039_B2_VS_B1_BCELL_UP
                                                                                                                                         GSE411_100MIN_VS_400MIN_IL6_STIM_MACROPHAGE_UP, GSE411_100MIN_VS_400MIN_IL6_STIM_MACROPHAGE_UP
                                                                                                                                         GSE20500_RETINOIC_ACID_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_DN, GSE20500_RETINOIC_ACID_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_DN
                                                                                                                                         GSE3039_ALPHABETA_CD8_TCELL_VS_B2_BCELL_UP, GSE3039_ALPHABETA_CD8_TCELL_VS_B2_BCELL_UP
                                                                                                                                         GSE15330_GRANULOCYTE_MONOCYTE_PROGENITOR_VS_PRO_BCELL_DN, GSE15330_GRANULOCYTE_MONOCYTE_PROGENITOR_VS_PRO_BCELL_DN
                                                                                                                                         GSE23505_UNTREATED_VS_4DAY_IL6_IL1_IL23_TREATED_CD4_TCELL_UP, GSE23505_UNTREATED_VS_4DAY_IL6_IL1_IL23_TREATED_CD4_TCELL_UP
                                                                                                                                         GSE23502_WT_VS_HDC_KO_MYELOID_DERIVED_SUPPRESSOR_CELL_BM_UP, GSE23502_WT_VS_HDC_KO_MYELOID_DERIVED_SUPPRESSOR_CELL_BM_UP
                                                                                                                                         GSE24671_CTRL_VS_SENDAI_VIRUS_INFECTED_MOUSE_SPLENOCYTES_DN, GSE24671_CTRL_VS_SENDAI_VIRUS_INFECTED_MOUSE_SPLENOCYTES_DN
                                                                                                                                         GSE369_SOCS3_KO_VS_WT_LIVER_POST_IL6_INJECTION_DN, GSE369_SOCS3_KO_VS_WT_LIVER_POST_IL6_INJECTION_DN
                                                                                                                                         GSE29618_PDC_VS_MDC_DAY7_FLU_VACCINE_UP, GSE29618_PDC_VS_MDC_DAY7_FLU_VACCINE_UP
                                                                                                                                         GSE3039_NKT_CELL_VS_B2_BCELL_UP, GSE3039_NKT_CELL_VS_B2_BCELL_UP
                                                                                                                                         GSE8921 UNSTIM VS TLR1 2 STIM MONOCYTE 24H UP, GSE8921 UNSTIM VS TLR1 2 STIM MONOCYTE 24H UP
                                                                                                                                         GSE24142 EARLY THYMIC PROGENITOR VS DN3 THYMOCYTE FETAL DN, GSE24142 EARLY THYMIC PROGENITOR VS DN3 THYMOCYTE FETAL DN
                                                                                                                                         GSE7460_CTRL_VS_TGFB_TREATED_ACT_TCONV_DN, GSE7460_CTRL_VS_TGFB_TREATED_ACT_TCONV_DN
                                                                                                                                         GSE29618 MONOCYTE VS PDC DN, GSE29618 MONOCYTE VS PDC DN
                                                                                                                                         GSE8685 IL2 STARVED VS IL2 ACT IL2 STARVED CD4 TCELL UP, GSE8685 IL2 STARVED VS IL2 ACT IL2 STARVED CD4 TCELL UP
                                                                                                                                         GSE7219 UNSTIM VS LPS AND ANTI CD40 STIM NIK NFKB2 KO DC UP, GSE7219 UNSTIM VS LPS AND ANTI CD40 STIM NIK NFKB2 KO DC UP
                                                                                                                                         GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_2H_UP, GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_2H_UP
                                                                                                                                         GSE14308_TH2_VS_NAIVE_CD4_TCELL_DN, GSE14308_TH2_VS_NAIVE_CD4_TCELL_DN
                                                                                                                                         GSE3920_IFNA_VS_IFNG_TREATED_FIBROBLAST_UP, GSE3920_IFNA_VS_IFNG_TREATED_FIBROBLAST_UP
                                                                                                                                         GSE17721_LPS_VS_POLYIC_24H_BMDC_DN, GSE17721_LPS_VS_POLYIC_24H_BMDC_DN
                                                                                                                                         GSE5542_UNTREATED_VS_IFNA_TREATED_EPITHELIAL_CELLS_24H_UP, GSE5542_UNTREATED_VS_IFNA_TREATED_EPITHELIAL_CELLS_24H_UP
                                                                                                                                         TRAVAGLINI_LUNG_B_CELL, TRAVAGLINI_LUNG_B_CELL
                                                                                                                                         GSE5542_UNTREATED_VS_IFNG_TREATED_EPITHELIAL_CELLS_6H_DN, GSE5542_UNTREATED_VS_IFNG_TREATED_EPITHELIAL_CELLS_6H_DN
                                                                                                                                         GSE24142_ADULT_VS_FETAL_EARLY_THYMIC_PROGENITOR_UP, GSE24142_ADULT_VS_FETAL_EARLY_THYMIC_PROGENITOR_UP
                                                                                                                                         GSE38304_MYC_NEG_VS_POS_GC_BCELL_UP, GSE38304_MYC_NEG_VS_POS_GC_BCELL_UP
                                                                                                                                         CTACTGT MIR199A, CTACTGT MIR199A
                                                                                                                                         GSE27786_CD8_TCELL_VS_NKTCELL_DN, GSE27786_CD8_TCELL_VS_NKTCELL_DN
                                                                                                                                         GSE14415 INDUCED TREG VS FAILED INDUCED TREG DN, GSE14415 INDUCED TREG VS FAILED INDUCED TREG DN
                                                                                                                                         GSE17721_POLYIC_VS_CPG_8H_BMDC_UP, GSE17721_POLYIC_VS_CPG_8H_BMDC_UP
                                                                                                                                         GSE14415_INDUCED_TREG_VS_FOXP3_KO_INDUCED_TREG_DN, GSE14415_INDUCED_TREG_VS_FOXP3_KO_INDUCED_TREG_DN
                                                                                                                                         ATACTGT_MIR144, ATACTGT_MIR144
                                                                                                                                         GSE10147_IL3_VS_IL3_AND_CPG_STIM_PDC_DN, GSE10147_IL3_VS_IL3_AND_CPG_STIM_PDC_DN
                                                                                                                                         GOCC_RECYCLING_ENDOSOME, GOCC_RECYCLING_ENDOSOME
                                                                                                                                         GSE10240_IL22_VS_IL22_AND_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_DN, GSE10240_IL22_VS_IL22_AND_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_DN
                                                                                                                                         GOBP_REGULATION_OF_RAS_PROTEIN_SIGNAL_TRANSDUCTION, GOBP_REGULATION_OF_RAS_PROTEIN_SIGNAL_TRANSDUCTION
                                                                                                                                         HAY_BONE_MARROW_FOLLICULAR_B_CELL, HAY_BONE_MARROW_FOLLICULAR_B_CELL
                                                                                                                                         GSE3994_WT_VS_PAC1_KO_ACTIVATED_MAST_CELL_DN, GSE3994_WT_VS_PAC1_KO_ACTIVATED_MAST_CELL_DN
                                                                                                                                         GACAATC_MIR219, GACAATC_MIR219
                                                                                                                                         GSE24671_CTRL_VS_SENDAI_VIRUS_INFECTED_MOUSE_SPLENOCYTES_UP, GSE24671_CTRL_VS_SENDAI_VIRUS_INFECTED_MOUSE_SPLENOCYTES_UP
                                                                                                                                         GSE7348_LPS_VS_TOLERIZED_AND_LPS_STIM_MACROPHAGE_DN, GSE7348_LPS_VS_TOLERIZED_AND_LPS_STIM_MACROPHAGE_DN
                                                                                                                                         PID_MET_PATHWAY, PID_MET_PATHWAY
                                                                                                                                         GSE24081_CONTROLLER_VS_PROGRESSOR_HIV_SPECIFIC_CD8_TCELL_UP, GSE24081_CONTROLLER_VS_PROGRESSOR_HIV_SPECIFIC_CD8_TCELL_UP
                                                                                                                                         GOMF_NUCLEAR_RECEPTOR_BINDING, GOMF_NUCLEAR_RECEPTOR_BINDING
                                                                                                                                         GSE40274_CTRL_VS_FOXP3_AND_XBP1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_CTRL_VS_FOXP3_AND_XBP1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
                                                                                                                                         GSE17721_CTRL_VS_POLYIC_6H_BMDC_DN, GSE17721_CTRL_VS_POLYIC_6H_BMDC_DN
                                                                                                                                         GSE19401_UNSTIM_VS_PAM2CSK4_STIM_FOLLICULAR_DC_UP, GSE19401_UNSTIM_VS_PAM2CSK4_STIM_FOLLICULAR_DC_UP
                                                                                                                                         GSE11961_MEMORY_BCELL_DAY7_VS_PLASMA_CELL_DAY7_UP, GSE11961_MEMORY_BCELL_DAY7_VS_PLASMA_CELL_DAY7_UP
                                                                                                                                         GOCC_RUFFLE_MEMBRANE, GOCC_RUFFLE_MEMBRANE
                                                                                                                                         MIR1179, MIR1179
                                                                                                                                         MIR130B_5P, MIR130B_5P
                                                                                                                                         MIR3688 5P, MIR3688 5P
                                                                                                                                         GOMF_HORMONE_RECEPTOR_BINDING, GOMF_HORMONE_RECEPTOR_BINDING
                                                                                                                                         REN ALVEOLAR RHABDOMYOSARCOMA UP, REN ALVEOLAR RHABDOMYOSARCOMA UP
                                                                                                                                         GOMF STEROID HORMONE RECEPTOR BINDING, GOMF STEROID HORMONE RECEPTOR BINDING
                                                                                                                                         MIR190A_5P, MIR190A_5P
                                                                                                                                         GSE18203_CTRL_VS_INTRATUMORAL_CPG_INJ_MC38_TUMOR_UP, GSE18203_CTRL_VS_INTRATUMORAL_CPG_INJ_MC38_TUMOR_UP
                                                                                                                                         GOCC_HISTONE_DEACETYLASE_COMPLEX, GOCC_HISTONE_DEACETYLASE_COMPLEX
                                                                                                                                         GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_UP, GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_UP
                                                                                                                                         GSE15930 NAIVE VS 24H IN VITRO STIM CD8 TCELL UP, GSE15930 NAIVE VS 24H IN VITRO STIM CD8 TCELL UP
                                                                                                                                         GSE18281_CORTEX_VS_MEDULLA_THYMUS_UP, GSE18281_CORTEX_VS_MEDULLA_THYMUS_UP
                                                                                                                                         MIR4473, MIR4473
                                                                                                                                         GSE5542_IFNG_VS_IFNA_TREATED_EPITHELIAL_CELLS_6H_DN, GSE5542_IFNG_VS_IFNA_TREATED_EPITHELIAL_CELLS_6H_DN
                                                                                                                                         GSE21670_UNTREATED_VS_IL6_TREATED_CD4_TCELL_UP, GSE21670_UNTREATED_VS_IL6_TREATED_CD4_TCELL_UP
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_CELLULAR_PROTEIN_LOCALIZATION, GOBP_NEGATIVE_REGULATION_OF_CELLULAR_PROTEIN_LOCALIZATION
                                                                                                                                        GOBP_ESTABLISHMENT_OF_CELL_POLARITY, GOBP_ESTABLISHMENT_OF_CELL_POLARITY
                                                                                                                                        GSE6269_STAPH_AUREUS_VS_STREP_PNEUMO_INF_PBMC_DN, GSE6269_STAPH_AUREUS_VS_STREP_PNEUMO_INF_PBMC_DN
                                                                                                                                        MIR942_3P, MIR942_3P
                                                                                                                                         GSE29164_DAY3_VS_DAY7_CD8_TCELL_TREATED_MELANOMA_DN, GSE29164_DAY3_VS_DAY7_CD8_TCELL_TREATED_MELANOMA_DN
                                                                                                                                        GSE37301_HEMATOPOIETIC_STEM_CELL_VS_GRAN_MONO_PROGENITOR_UP, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_GRAN_MONO_PROGENITOR_UP
                                                                                                                                         GSE32533_MIR17_KO_VS_MIR17_OVEREXPRESS_ACT_CD4_TCELL_DN, GSE32533_MIR17_KO_VS_MIR17_OVEREXPRESS_ACT_CD4_TCELL_DN
                                                                                                                                        GSE5589_LPS_VS_LPS_AND_IL6_STIM_IL10_KO_MACROPHAGE_45MIN_UP, GSE5589_LPS_VS_LPS_AND_IL6_STIM_IL10_KO_MACROPHAGE_45MIN_UP
                                                                                                                                        GSE7831_1H_VS_4H_INFLUENZA_STIM_PDC_DN, GSE7831_1H_VS_4H_INFLUENZA_STIM_PDC_DN
                                                                                                                                        MIR885 5P, MIR885 5P
                                                                                                                                         GCCNNNWTAAR_UNKNOWN, GCCNNNWTAAR_UNKNOWN
                                                                                                                                         GSE12003_MIR223_KO_VS_WT_BM_PROGENITOR_8D_CULTURE_UP, GSE12003_MIR223_KO_VS_WT_BM_PROGENITOR_8D_CULTURE_UP
                                                                                                                                         TRAVAGLINI_LUNG_PLASMACYTOID_DENDRITIC_CELL, TRAVAGLINI_LUNG_PLASMACYTOID_DENDRITIC_CELL
                                                                                                                                         GSE14415_INDUCED_TREG_VS_FOXP3_KO_INDUCED_TREG_IL2_CULTURE_DN, GSE14415_INDUCED_TREG_VS_FOXP3_KO_INDUCED_TREG_IL2_CULTURE_DN
                                                                                                                                          PLASARI_TGFB1_SIGNALING_VIA_NFIC_1HR_DN, PLASARI_TGFB1_SIGNALING_VIA_NFIC_1HR_DN
                                                                                                                                          TAGGTCA MIR192 MIR215, TAGGTCA MIR192 MIR215
                                                                                                                                          MIR873_5P, MIR873_5P
                                                                                                                                          GSE22342_CD11C_HIGH_VS_LOW_DECIDUAL_MACROPHAGES_UP, GSE22342_CD11C_HIGH_VS_LOW_DECIDUAL_MACROPHAGES_UP
                                                                                                                                         GOBP ESTABLISHMENT OF ENDOTHELIAL BARRIER, GOBP ESTABLISHMENT OF ENDOTHELIAL BARRIER
                                                                                                                                         MIR203A_5P, MIR203A_5P
                                                                                                                                         MIR3156_5P, MIR3156_5P
                                                                                                                                         GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MACROPHAGE_UP, GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MACROPHAGE_UP
EMORY_CD8_TCELL_LCMV_ARMSTRONG_DN, GSE41867_DAY6_EFFECTOR_VS_DAY30_MEMORY_CD8_TCELL_LCMV_ARMSTRONG_DN
                                                                                                                                         MIR6829 3P, MIR6829 3P
                                                                                                                                          MIR6791_3P, MIR6791_3P
                                                                                                                                          MODULE_243, MODULE_243
                                                                                                                                          GSE16385_ROSIGLITAZONE_IL4_VS_ROSIGLITAZONE_ALONE_STIM_MACROPHAGE_UP, GSE16385_ROSIGLITAZONE_IL4_VS_ROSIGLITAZONE_ALONE_STIM_MACROPHAGE_UP
                                                                                                                                          MIR4689, MIR4689
                                                                                                                                          MIR6758 5P, MIR6758 5P
                                                                                                                                          GOBP_POSITIVE_REGULATION_OF_PHOSPHATIDYLINOSITOL_3_KINASE_SIGNALING, GOBP_POSITIVE_REGULATION_OF_PHOSPHATIDYLINOSITOL_3_KINASE_SIGNALING
                                                                                                                                          MIR3194_5P, MIR3194_5P
                                                                                                                                         GOBP_ENDOTHELIAL_CELL_DEVELOPMENT, GOBP_ENDOTHELIAL_CELL_DEVELOPMENT
                                                                                                                                         GOBP_PROTEIN_LOCALIZATION_TO_ENDOSOME, GOBP_PROTEIN_LOCALIZATION_TO_ENDOSOME
                                                                                                                                         MIR20B_3P, MIR20B_3P
                                                                                                                                         MIR6856_5P, MIR6856_5P
                                                                                                                                        MIR4691_3P, MIR4691_3P
                                                                                                                                         GSE29614_CTRL_VS_DAY7_TIV_FLU_VACCINE_PBMC_UP, GSE29614_CTRL_VS_DAY7_TIV_FLU_VACCINE_PBMC_UP
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_COAGULATION, GOBP_POSITIVE_REGULATION_OF_COAGULATION
                                                                                                                                         MIR1246, MIR1246
                                                                                                                                         GSE28130_ACTIVATED_VS_INDUCEED_TREG_DN, GSE28130_ACTIVATED_VS_INDUCEED_TREG_DN
                                                                                                                                         BAELDE_DIABETIC_NEPHROPATHY_UP, BAELDE_DIABETIC_NEPHROPATHY_UP
                                                                                                                                         PID_NECTIN_PATHWAY, PID_NECTIN_PATHWAY
                                                                                                                                        GOCC_PROTEIN_COMPLEX_INVOLVED_IN_CELL_ADHESION, GOCC_PROTEIN_COMPLEX_INVOLVED_IN_CELL_ADHESION
                                                                                                                                         PID_INTEGRIN_CS_PATHWAY, PID_INTEGRIN_CS_PATHWAY
                                                                                                                                         GOCC_9PLUS2_MOTILE_CILIUM, GOCC_9PLUS2_MOTILE_CILIUM
                                                                                                                                         AMIT_EGF_RESPONSE_120_MCF10A, AMIT_EGF_RESPONSE_120_MCF10A
                                                                                                                                         MIR4721, MIR4721
                                                                                                                                         GOBP_TRABECULA_MORPHOGENESIS, GOBP_TRABECULA_MORPHOGENESIS
                                                                                                                                         ZNF502_TARGET_GENES, ZNF502_TARGET_GENES
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION, GOBP_NEGATIVE_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION
                                                                                                                                         GCTGAGT_MIR5125P, GCTGAGT_MIR5125P
                                                                                                                                         GOBP_RAP_PROTEIN_SIGNAL_TRANSDUCTION, GOBP_RAP_PROTEIN_SIGNAL_TRANSDUCTION
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_WOUNDING, GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_WOUNDING
                                                                                                                                         GOBP_CELLULAR_RESPONSE_TO_CAMP, GOBP_CELLULAR_RESPONSE_TO_CAMP
                                                                                                                                         HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_VESTIBULE_OF_THE_INNER_EAR, HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_VESTIBULE_OF_THE_INNER_EAR
                                                                                                                                         GOBP_CELLULAR_COMPONENT_MAINTENANCE, GOBP_CELLULAR_COMPONENT_MAINTENANCE
                                                                                                                                         GOBP_REGULATION_OF_PHOSPHOLIPASE_ACTIVITY, GOBP_REGULATION_OF_PHOSPHOLIPASE_ACTIVITY
                                                                                                                                         GOBP_RUFFLE_ORGANIZATION, GOBP_RUFFLE_ORGANIZATION
                                                                                                                                         REACTOME_HEME_SIGNALING, REACTOME_HEME_SIGNALING
                                                                                                                                         ABE_VEGFA_TARGETS_2HR, ABE_VEGFA_TARGETS_2HR
                                                                                                                                         GOBP_CELLULAR_RESPONSE_TO_CALCIUM_ION, GOBP_CELLULAR_RESPONSE_TO_CALCIUM_ION
                                                                                                                                         GOBP_FILOPODIUM_ASSEMBLY, GOBP_FILOPODIUM_ASSEMBLY
                                                                                                                                         GOBP_REGULATION_OF_ERAD_PATHWAY, GOBP_REGULATION_OF_ERAD_PATHWAY
                                                                                                                                         HUI_MAPK14_TARGETS_UP, HUI_MAPK14_TARGETS_UP
                                                                                                                                         HOLLEMAN_DAUNORUBICIN_B_ALL_DN, HOLLEMAN_DAUNORUBICIN_B_ALL_DN
                                                                                                                                         BOYAULT_LIVER_CANCER_SUBCLASS_G23_DN, BOYAULT_LIVER_CANCER_SUBCLASS_G23_DN
                                                                                                                                         VALK_AML_CLUSTER_10, VALK_AML_CLUSTER_10
                                                                                                                                         HP_ECTOPIA_LENTIS, HP_ECTOPIA_LENTIS
                                                                                                                                         MIR4658, MIR4658
                                                                                                                                         STEIN ESTROGEN RESPONSE NOT VIA ESRRA, STEIN ESTROGEN RESPONSE NOT VIA ESRRA
                                                                                                                                         MIR3150A_3P, MIR3150A_3P
                                                                                                                                         GOBP_NEUROTROPHIN_SIGNALING_PATHWAY, GOBP_NEUROTROPHIN_SIGNALING_PATHWAY
                                                                                                                                         GOCC_PLATELET_DENSE_TUBULAR_NETWORK, GOCC_PLATELET_DENSE_TUBULAR_NETWORK
                                                                                                                                         GOMF_ACTIN_DEPENDENT_ATPASE_ACTIVITY, GOMF_ACTIN_DEPENDENT_ATPASE_ACTIVITY
                                                                                                                                         GOMF_RETINOID_X_RECEPTOR_BINDING, GOMF_RETINOID_X_RECEPTOR_BINDING
                                                                                                                                         MIR3681 5P, MIR3681 5P
                                                                                                                                         MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_23, MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_23
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_BMP_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_BMP_SIGNALING_PATHWAY
                                                                                                                                         SHIN_B_CELL_LYMPHOMA_CLUSTER_9, SHIN_B_CELL_LYMPHOMA_CLUSTER_9
                                                                                                                                         LI_PROSTATE_CANCER_EPIGENETIC, LI_PROSTATE_CANCER_EPIGENETIC
                                                                                                                                         WP_METABOLISM_OF_SPINGOLIPIDS_IN_ER_AND_GOLGI_APPARATUS, WP_METABOLISM_OF_SPINGOLIPIDS_IN_ER_AND_GOLGI_APPARATUS
                                                                                                                                         GOBP OLFACTORY LOBE DEVELOPMENT, GOBP OLFACTORY LOBE DEVELOPMENT
                                                                                                                                         MIR6849_5P, MIR6849_5P
                                                                                                                                         MIR8074, MIR8074
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_MYOTUBE_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_MYOTUBE_DIFFERENTIATION
                                                                                                                                         BIOCARTA_PRION_PATHWAY, BIOCARTA_PRION_PATHWAY
                                                                                                                                         MIR451A, MIR451A
                                                                                                                                         GOMF_PHOSPHATIDYLINOSITOL_PHOSPHATE_5_PHOSPHATASE_ACTIVITY, GOMF_PHOSPHATIDYLINOSITOL_PHOSPHATE_5_PHOSPHATASE_ACTIVITY
                                                                                                                                         GOMF_MICROFILAMENT_MOTOR_ACTIVITY, GOMF_MICROFILAMENT_MOTOR_ACTIVITY
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_LIPASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_LIPASE_ACTIVITY
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_OSTEOBLAST_PROLIFERATION, GOBP_POSITIVE_REGULATION_OF_OSTEOBLAST_PROLIFERATION
                                                                                                                                         GOBP_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_MIGRATION, GOBP_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_MIGRATION
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_HAIR_FOLLICLE_DEVELOPMENT, GOBP_POSITIVE_REGULATION_OF_HAIR_FOLLICLE_DEVELOPMENT
                                                                                                                                         HP_URETHRAL_VALVE, HP_URETHRAL_VALVE
                                                                                                                                         GOBP_BUD_ELONGATION_INVOLVED_IN_LUNG_BRANCHING, GOBP_BUD_ELONGATION_INVOLVED_IN_LUNG_BRANCHING
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_GROWTH_FACTOR_STIMULUS, GOBP_NEGATIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_GROWTH_FACTOR_STIMULUS
                                                                                                                                         HP_PHIMOSIS, HP_PHIMOSIS
                                                                                                                                         WP_ETHANOL_METABOLISM_RESULTING_IN_PRODUCTION_OF_ROS_BY_CYP2E1, WP_ETHANOL_METABOLISM_RESULTING_IN_PRODUCTION_OF_ROS_BY_CYP2E1
                                                                                                                                         GOMF CO RECEPTOR BINDING, GOMF CO RECEPTOR BINDING
                                                                                                                                         GOBP_CELL_JUNCTION_MAINTENANCE, GOBP_CELL_JUNCTION_MAINTENANCE
                                                                                                                                         HP LENS SUBLUXATION, HP LENS SUBLUXATION
                                                                                                                                         GOBP_TANGENTIAL_MIGRATION_FROM_THE_SUBVENTRICULAR_ZONE_TO_THE_OLFACTORY_BULB, GOBP_TANGENTIAL_MIGRATION_FROM_THE_SUBVENTRICULAR_ZONE_TO_THE_OLFACTORY_BULB
                                                                                                                                         HP_ABNORMALITY_OF_THE_MIDDLE_PHALANX_OF_THE_2ND_FINGER, HP_ABNORMALITY_OF_THE_MIDDLE_PHALANX_OF_THE_2ND_FINGER
                                                                                                                                         GOMF_CARD_DOMAIN_BINDING, GOMF_CARD_DOMAIN_BINDING
                                                                                                                                         HP_ABNORMAL_ARM_SPAN, HP_ABNORMAL_ARM_SPAN
                                                                                                                                         GOBP_PSEUDOPODIUM_ORGANIZATION, GOBP_PSEUDOPODIUM_ORGANIZATION
                                                                                                                                         chr5q33, chr5q33
                                                                                                                                         GOMF_CALCIUM_DEPENDENT_PROTEIN_KINASE_ACTIVITY, GOMF_CALCIUM_DEPENDENT_PROTEIN_KINASE_ACTIVITY
                                                                                                                                         HP_GONADOTROPIN_DEFICIENCY, HP_GONADOTROPIN_DEFICIENCY
                                                                                                                                         HP_HYPOPLASTIC_ANEMIA, HP_HYPOPLASTIC_ANEMIA
                                                                                                                                         HP_ABNORMALITY_OF_THE_2ND_METACARPAL, HP_ABNORMALITY_OF_THE_2ND_METACARPAL
                                                                                                                                         GOBP_RENAL_WATER_TRANSPORT, GOBP_RENAL_WATER_TRANSPORT
                                                                                                                                         GOCC_OUTER_DENSE_FIBER, GOCC_OUTER_DENSE_FIBER
                                                                                                                                         GOBP_NOSE_DEVELOPMENT, GOBP_NOSE_DEVELOPMENT
                                                                                                                                         GOBP_RESPONSE_TO_CGMP, GOBP_RESPONSE_TO_CGMP
                                                                                                                                         GOMF_GALACTOSIDE_BINDING, GOMF_GALACTOSIDE_BINDING
                                                                                                                                         TESAR_JAK_TARGETS_MOUSE_ES_D3_DN, TESAR_JAK_TARGETS_MOUSE_ES_D3_DN
                                                                                                                                         GOBP_ESTABLISHMENT_OF_EPITHELIAL_CELL_POLARITY, GOBP_ESTABLISHMENT_OF_EPITHELIAL_CELL_POLARITY
                                                                                                                                         GOBP_RESPONSE_TO_LITHIUM_ION, GOBP_RESPONSE_TO_LITHIUM_ION
                                                                                                                                         HP_SHORT_MIDDLE_PHALANX_OF_THE_2ND_FINGER, HP_SHORT_MIDDLE_PHALANX_OF_THE_2ND_FINGER
                                                                                                                                         HP_APLASIA_HYPOPLASIA_OF_THE_2ND_METACARPAL, HP_APLASIA_HYPOPLASIA_OF_THE_2ND_METACARPAL
                                                                                                                                         REACTOME_RUNX2_REGULATES_CHONDROCYTE_MATURATION, REACTOME_RUNX2_REGULATES_CHONDROCYTE_MATURATION
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_FROM_RNA_POLYMERASE_II_PROMOTER_IN_RESPONSE_TO_OXIDATIVE_STRESS, GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_FROM_RNA_POLYMERASE_II_PROMOTER_IN
                                                                                                                                         GOBP ESTABLISHMENT OF MEIOTIC SPINDLE LOCALIZATION, GOBP ESTABLISHMENT OF MEIOTIC SPINDLE LOCALIZATION
                                                                                                                                         PBRM1_TARGET_GENES, PBRM1_TARGET_GENES
                                                                                                                                         HP_INCREASED_ADIPOSE_TISSUE, HP_INCREASED_ADIPOSE_TISSUE
                                                                                                                                         GOBP_REGULATION_OF_RENAL_SYSTEM_PROCESS, GOBP_REGULATION_OF_RENAL_SYSTEM_PROCESS
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_LAMELLIPODIUM_ORGANIZATION, GOBP_NEGATIVE_REGULATION_OF_LAMELLIPODIUM_ORGANIZATION
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_CGMP_MEDIATED_SIGNALING, GOBP_NEGATIVE_REGULATION_OF_CGMP_MEDIATED_SIGNALING
                                                                                                                                          GOBP_REGULATION_OF_CGMP_MEDIATED_SIGNALING, GOBP_REGULATION_OF_CGMP_MEDIATED_SIGNALING
                                                                                                                                          HP_LOP_EAR, HP_LOP_EAR
                                                                                                                                          HP ABNORMAL OSSIFICATION OF THE PUBIC BONE, HP ABNORMAL OSSIFICATION OF THE PUBIC BONE
                                                                                                                                          GOBP_NEGATIVE_REGULATION_OF_MITOCHONDRIAL_MEMBRANE_PERMEABILITY_INVOLVED_IN_APOPTOTIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_MITOCHONDRIAL_MEMBRANE_PERMEABILITY_INVOLVED_IN_APOPTO
                                                                                                                                         MIR4749_5P, MIR4749_5P
                                                                                                                                         chr2p21, chr2p21
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