```
GSE36527_CD69_NEG_VS_POS_TREG_CD62L_LOS_KLRG1_NEG_DN, GSE36527_CD69_NEG_VS_POS_TREG_CD62L_LOS_KLRG1_NEG_DN
                                                                                                                           GSE3982_BASOPHIL_VS_CENT_MEMORY_CD4_TCELL_UP, GSE3982_BASOPHIL_VS_CENT_MEMORY_CD4_TCELL_UP
                                                                                                                           GSE17721_PAM3CSK4_VS_GADIQUIMOD_2H_BMDC_DN, GSE17721_PAM3CSK4_VS_GADIQUIMOD_2H_BMDC_DN
                                                                                                                           GSE17721_LPS_VS_GARDIQUIMOD_1H_BMDC_DN, GSE17721_LPS_VS_GARDIQUIMOD_1H_BMDC_DN
                                                                                                                           GSE37416 0H VS 24H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_24H_F_TULARENSIS_LVS_NEUTROPHIL_DN
                                                                                                                           GSE34006_A2AR_KO_VS_A2AR_AGONIST_TREATED_TREG_DN, GSE34006_A2AR_KO_VS_A2AR_AGONIST_TREATED_TREG_DN
                                                                                                                           GSE32034_LY6C_HIGH_VS_LOW_MONOCYTE_DN, GSE32034_LY6C_HIGH_VS_LOW_MONOCYTE_DN
                                                                                                                           GSE1448_CTRL_VS_ANTI_VBETA5_DP_THYMOCYTE_UP, GSE1448_CTRL_VS_ANTI_VBETA5_DP_THYMOCYTE_UP
                                                                                                                           GSE15330_WT_VS_IKAROS_KO_LYMPHOID_MULTIPOTENT_PROGENITOR_UP, GSE15330_WT_VS_IKAROS_KO_LYMPHOID_MULTIPOTENT_PROGENITOR_UP
                                                                                                                           GSE36009_WT_VS_NLRP10_KO_DC_LPS_STIM_DN, GSE36009_WT_VS_NLRP10_KO_DC_LPS_STIM_DN
                                                                                                                           GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_UP, GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_UP
                                                                                                                           GSE32164_RESTING_DIFFERENTIATED_VS_ALTERNATIVELY_ACT_M2_MACROPHAGE_DN, GSE32164_RESTING_DIFFERENTIATED_VS_ALTERNATIVELY_ACT_M2_MACROPHAGE_DN
                                                                                                                           GOBP_CYTOSOLIC_TRANSPORT, GOBP_CYTOSOLIC_TRANSPORT
                                                                                                                           GOBP VACUOLE ORGANIZATION, GOBP VACUOLE ORGANIZATION
                                                                                                                           GSE17721 0.5H VS 24H CPG BMDC UP, GSE17721 0.5H VS 24H CPG BMDC UP
                                                                                                                           GSE17721_POLYIC_VS_GARDIQUIMOD_2H_BMDC_UP, GSE17721_POLYIC_VS_GARDIQUIMOD_2H_BMDC_UP
                                                                                                                           GSE27786_LSK_VS_BCELL_DN, GSE27786_LSK_VS_BCELL_DN
                                                                                                                           GSE34006 A2AR KO VS A2AR AGONIST TREATED TREG UP, GSE34006 A2AR KO VS A2AR AGONIST TREATED TREG UP
                                                                                                                           GSE17721_POLYIC_VS_PAM3CSK4_0.5H_BMDC_DN, GSE17721_POLYIC_VS_PAM3CSK4_0.5H_BMDC_DN
                                                                                                                           GSE37301_LYMPHOID_PRIMED_MPP_VS_COMMON_LYMPHOID_PROGENITOR_DN, GSE37301_LYMPHOID_PRIMED_MPP_VS_COMMON_LYMPHOID_PROGENITOR_DN
                                                                                                                           GSE43957_UNTREATED_VS_NACL_TREATED_ANTI_CD3_CD28_STIM_CD4_TCELL_DN, GSE43957_UNTREATED_VS_NACL_TREATED_ANTI_CD3_CD28_STIM_CD4_TCELL_DN
                                                                                                                           GSE19401_UNSTIM_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_DN, GSE19401_UNSTIM_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_DN
                                                                                                                           GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_HET_4H_UP, GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_HET_4H_UP
                                                                                                                           GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_6H_UP, GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_6H_UP
                                                                                                                           GSE43955_TH0_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_52H_DN, GSE43955_TH0_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_52H_DN
                                                                                                                           GSE1460_NAIVE_CD4_TCELL_ADULT_BLOOD_VS_THYMIC_STROMAL_CELL_UP, GSE1460_NAIVE_CD4_TCELL_ADULT_BLOOD_VS_THYMIC_STROMAL_CELL_UP
                                                                                                                           GSE17721_0.5H_VS_12H_POLYIC_BMDC_DN, GSE17721_0.5H_VS_12H_POLYIC_BMDC_DN
                                                                                                                           MIR922, MIR922
                                                                                                                           YAGI_AML_SURVIVAL, YAGI_AML_SURVIVAL
                                                                                                                           GSE15330 WT_VS_IKAROS_KO_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_DN, GSE15330 WT_VS_IKAROS_KO_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_DN
                                                                                                                           GSE40274_EOS_VS_FOXP3_AND_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_EOS_VS_FOXP3_AND_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                                           ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_1DY_DN, ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_1DY_DN
                                                                                                                           GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_UP, GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_UP
                                                                                                                           GSE7768_OVA_ALONE_VS_OVA_WITH_LPS_IMMUNIZED_MOUSE_WHOLE_SPLEEN_6H_DN, GSE7768_OVA_ALONE_VS_OVA_WITH_LPS_IMMUNIZED_MOUSE_WHOLE_SPLEEN_6H_DN
                                                                                                                           GSE3920_IFNA_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_IFNA_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP
                                                                                                                           GOCC_LATE_ENDOSOME_MEMBRANE, GOCC_LATE_ENDOSOME_MEMBRANE
                                                                                                                           GSE1448_ANTI_VALPHA2_VS_VBETA5_DP_THYMOCYTE_UP, GSE1448_ANTI_VALPHA2_VS_VBETA5_DP_THYMOCYTE_UP
                                                                                                                          GSE17721_POLYIC_VS_GARDIQUIMOD_24H_BMDC_UP, GSE17721_POLYIC_VS_GARDIQUIMOD_24H_BMDC_UP
                                                                                                                           ATACTGT_MIR144, ATACTGT_MIR144
                                                                                                                           GSE37532_WT_VS_PPARG_KO_LN_TCONV_UP, GSE37532_WT_VS_PPARG_KO_LN_TCONV_UP
                                                                                                                           GSE42021_TREG_PLN_VS_CD24HI_TREG_THYMUS_UP, GSE42021_TREG_PLN_VS_CD24HI_TREG_THYMUS_UP
                                                                                                                           GSE39110 UNTREATED VS IL2 TREATED CD8 TCELL DAY3 POST IMMUNIZATION UP, GSE39110 UNTREATED VS IL2 TREATED CD8 TCELL DAY3 POST IMMUNIZATION UP
                                                                                                                           GSE339 CD4POS VS CD8POS DC IN CULTURE UP, GSE339 CD4POS VS CD8POS DC IN CULTURE UP
                                                                                                                           GSE17721_0.5H_VS_4H_GARDIQUIMOD_BMDC_DN, GSE17721_0.5H_VS_4H_GARDIQUIMOD_BMDC_DN
                                                                                                                           GSE3982_EOSINOPHIL_VS_TH1_UP, GSE3982_EOSINOPHIL_VS_TH1_UP
                                                                                                                           GOCC_EARLY_ENDOSOME_MEMBRANE, GOCC_EARLY_ENDOSOME_MEMBRANE
                                                                                                                          GSE35825_IFNA_VS_IFNG_STIM_MACROPHAGE_UP, GSE35825_IFNA_VS_IFNG_STIM_MACROPHAGE_UP
                                                                                                                           GSE21670_TGFB_VS_IL6_TREATED_STAT3_KO_CD4_TCELL_DN, GSE21670_TGFB_VS_IL6_TREATED_STAT3_KO_CD4_TCELL_DN
                                                                                                                          GSE17721_LPS_VS_GARDIQUIMOD_0.5H_BMDC_DN, GSE17721_LPS_VS_GARDIQUIMOD_0.5H_BMDC_DN
                                                                                                                           MIR223_3P, MIR223_3P
                                                                                                                           GSE20715_0H_VS_6H_OZONE_TLR4_KO_LUNG_DN, GSE20715_0H_VS_6H_OZONE_TLR4_KO_LUNG_DN
                                                                                                                          GSE17721_LPS_VS_CPG_12H_BMDC_UP, GSE17721_LPS_VS_CPG_12H_BMDC_UP
                                                                                                                           DAZARD_RESPONSE_TO_UV_SCC_DN, DAZARD_RESPONSE_TO_UV_SCC_DN
                                                                                                                           GSE39152_CD103_NEG_VS_POS_MEMORY_CD8_TCELL_UP, GSE39152_CD103_NEG_VS_POS_MEMORY_CD8_TCELL_UP
                                                                                                                           GOCC_AUTOPHAGOSOME, GOCC_AUTOPHAGOSOME
                                                                                                                          GSE14415_INDUCED_TREG_VS_FOXP3_KO_INDUCED_TREG_IL2_CULTURE_UP, GSE14415_INDUCED_TREG_VS_FOXP3_KO_INDUCED_TREG_IL2_CULTURE_UP
                                                                                                                          GOBP_AUTOPHAGOSOME_ORGANIZATION, GOBP_AUTOPHAGOSOME_ORGANIZATION
                                                                                                                           AACTGAC MIR223, AACTGAC MIR223
                                                                                                                          GSE7460_TCONV_VS_TREG_THYMUS_DN, GSE7460_TCONV_VS_TREG_THYMUS_DN
                                                                                                                           GOBP_RETROGRADE_TRANSPORT_ENDOSOME_TO_GOLGI, GOBP_RETROGRADE_TRANSPORT_ENDOSOME_TO_GOLGI
                                                                                                                          GSE43955_10H_VS_30H_ACT_CD4_TCELL_DN, GSE43955_10H_VS_30H_ACT_CD4_TCELL_DN
                                                                                                                           MIR3920, MIR3920
                                                                                                                           GSE17721_CTRL_VS_POLYIC_24H_BMDC_DN, GSE17721_CTRL_VS_POLYIC_24H_BMDC_DN
                                                                                                                           GSE17721_LPS_VS_POLYIC_1H_BMDC_UP, GSE17721_LPS_VS_POLYIC_1H_BMDC_UP
                                                                                                                           GSE15624_3H_VS_6H_HALOFUGINONE_TREATED_CD4_TCELL_DN, GSE15624_3H_VS_6H_HALOFUGINONE_TREATED_CD4_TCELL_DN
                                                                                                                          KEGG_NEUROTROPHIN_SIGNALING_PATHWAY, KEGG_NEUROTROPHIN_SIGNALING_PATHWAY
                                                                                                                           MIR19A_5P, MIR19A_5P
                                                                                                                          ETF_Q6, ETF_Q6
                                                                                                                           MIR19B_1_5P_MIR19B_2_5P, MIR19B_1_5P_MIR19B_2_5P
                                                                                                                           GCM_ERBB2IP, GCM_ERBB2IP
                                                                                                                           MIR12129, MIR12129
                                                                                                                           GSE4748_CTRL_VS_LPS_AND_CYANOBACTERIUM_LPSLIKE_STIM_DC_3H_UP, GSE4748_CTRL_VS_LPS_AND_CYANOBACTERIUM_LPSLIKE_STIM_DC_3H_UP
                                                                                                                           GSE37301_HEMATOPOIETIC_STEM_CELL_VS_MULTIPOTENT_PROGENITOR_DN, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_MULTIPOTENT_PROGENITOR_DN
                                                                                                                           GSE7568_IL4_VS_IL4_AND_DEXAMETHASONE_TREATED_MACROPHAGE_DN, GSE7568_IL4_VS_IL4_AND_DEXAMETHASONE_TREATED_MACROPHAGE_DN
                                                                                                                           GSE3920_IFNA_VS_IFNG_TREATED_FIBROBLAST_UP, GSE3920_IFNA_VS_IFNG_TREATED_FIBROBLAST_UP
                                                                                                                           GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_60H_DN, GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_60H_DN
                                                                                                                           GOCC_EXTRINSIC_COMPONENT_OF_PLASMA_MEMBRANE, GOCC_EXTRINSIC_COMPONENT_OF_PLASMA_MEMBRANE
                                                                                                                           HP_PULMONIC_STENOSIS, HP_PULMONIC_STENOSIS
                                                                                                                           GSE3982_MAC_VS_NEUTROPHIL_DN, GSE3982_MAC_VS_NEUTROPHIL_DN
                                                                                                                           GSE3203_UNTREATED_VS_IFNB_TREATED_LN_BCELL_UP, GSE3203_UNTREATED_VS_IFNB_TREATED_LN_BCELL_UP
                                                                                                                           GOBP NEGATIVE REGULATION OF CELLULAR PROTEIN LOCALIZATION, GOBP NEGATIVE REGULATION OF CELLULAR PROTEIN LOCALIZATION
                                                                                                                           GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_DN, GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_DN
                                                                                                                           GSE24142_ADULT_VS_FETAL_EARLY_THYMIC_PROGENITOR_UP, GSE24142_ADULT_VS_FETAL_EARLY_THYMIC_PROGENITOR_UP
                                                                                                                           GOBP_ENDOSOME_ORGANIZATION, GOBP_ENDOSOME_ORGANIZATION
                                                                                                                           GSE41087_WT_VS_FOXP3_MUT_ANTI_CD3_CD28_STIM_CD4_TCELL_UP, GSE41087_WT_VS_FOXP3_MUT_ANTI_CD3_CD28_STIM_CD4_TCELL_UP
                                                                                                                           HP_TRIANGULAR_FACE, HP_TRIANGULAR_FACE
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_BINDING, GOBP_NEGATIVE_REGULATION_OF_BINDING
                                                                                                                           HP_ABNORMAL_PULMONARY_VALVE_PHYSIOLOGY, HP_ABNORMAL_PULMONARY_VALVE_PHYSIOLOGY
                                                                                                                           WP_CHEMOKINE_SIGNALING_PATHWAY, WP_CHEMOKINE_SIGNALING_PATHWAY
                                                                                                                           GAVIN_FOXP3_TARGETS_CLUSTER_T4, GAVIN_FOXP3_TARGETS_CLUSTER_T4
                                                                                                                           GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_UP, GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_UP
                                                                                                                           MIR2276_3P, MIR2276_3P
                                                                                                                           HP_WIDE_NOSE, HP_WIDE_NOSE
                                                                                                                           AAGGGAT MIR188, AAGGGAT MIR188
                                                                                                                           GSE7348_UNSTIM_VS_LPS_STIM_MACROPHAGE_DN, GSE7348_UNSTIM_VS_LPS_STIM_MACROPHAGE_DN
                                                                                                                           GSE360_CTRL_VS_T_GONDII_DC_DN, GSE360_CTRL_VS_T_GONDII_DC_DN
                                                                                                                           GSE17721 LPS VS CPG 8H BMDC UP, GSE17721 LPS VS CPG 8H BMDC UP
                                                                                                                           MIR642A_3P_MIR642B_3P, MIR642A_3P_MIR642B_3P
                                                                                                                           GSE3039 CD4 TCELL VS B1 BCELL UP, GSE3039 CD4 TCELL VS B1 BCELL UP
                                                                                                                           GSE4142_PLASMA_CELL_VS_GC_BCELL_UP, GSE4142_PLASMA_CELL_VS_GC_BCELL_UP
                                                                                                                           GGCACTT_MIR519E, GGCACTT_MIR519E
                                                                                                                           BURTON_ADIPOGENESIS_11, BURTON_ADIPOGENESIS_11
                                                                                                                           GCM_CRKL, GCM_CRKL
                                                                                                                           GSE3920_IFNA_VS_IFNB_TREATED_ENDOTHELIAL_CELL_DN, GSE3920_IFNA_VS_IFNB_TREATED_ENDOTHELIAL_CELL_DN
                                                                                                                           REACTOME_MTOR_SIGNALLING, REACTOME_MTOR_SIGNALLING
                                                                                                                           GOBP_REGULATION_OF_VACUOLE_ORGANIZATION, GOBP_REGULATION_OF_VACUOLE_ORGANIZATION
                                                                                                                           HP_ABNORMALITY_OF_EARLOBE, HP_ABNORMALITY_OF_EARLOBE
                                                                                                                           GSE26023_PHD3_KO_VS_WT_NEUTROPHIL_HYPOXIA_UP, GSE26023_PHD3_KO_VS_WT_NEUTROPHIL_HYPOXIA_UP
                                                                                                                           MIR6764_3P, MIR6764_3P
                                                                                                                           GOBP_ERBB_SIGNALING_PATHWAY, GOBP_ERBB_SIGNALING_PATHWAY
                                                                                                                           GSE3982_NEUTROPHIL_VS_BCELL_UP, GSE3982_NEUTROPHIL_VS_BCELL_UP
                                                                                                                           KEGG_CHEMOKINE_SIGNALING_PATHWAY, KEGG_CHEMOKINE_SIGNALING_PATHWAY
                                                                                                                           MORI_MATURE_B_LYMPHOCYTE_UP, MORI_MATURE_B_LYMPHOCYTE_UP
                                                                                                                           MIR6824_3P, MIR6824_3P
                                                                                                                           MIR7150, MIR7150
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MITOCHONDRION, GOBP_POSITIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MITOCHONDRION
                                                                                                                           GOMF_TRANSCRIPTION_COREGULATOR_BINDING, GOMF_TRANSCRIPTION_COREGULATOR_BINDING
                                                                                                                           GNF2_RAP1B, GNF2_RAP1B
                                                                                                                           GSE4142_NAIVE_VS_GC_BCELL_UP, GSE4142_NAIVE_VS_GC_BCELL_UP
                                                                                                                           MIR18A_5P_MIR18B_5P, MIR18A_5P_MIR18B_5P
                                                                                                                           MIR4326, MIR4326
                                                                                                                           GCTCTTG_MIR335, GCTCTTG_MIR335
                                                                                                                           MIR1227_3P, MIR1227_3P
                                                                                                                           MIR3171, MIR3171
                                                                                                                           MIR1_5P, MIR1_5P
                                                                                                                           MIR338 3P, MIR338 3P
                                                                                                                           MODULE 503, MODULE 503
                                                                                                                           GSE4748_CTRL_VS_LPS_STIM_DC_3H_UP, GSE4748_CTRL_VS_LPS_STIM_DC_3H_UP
                                                                                                                           HP_PECTUS_CARINATUM, HP_PECTUS_CARINATUM
                                                                                                                           REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER, REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER
                                                                                                                           MIR3913_3P, MIR3913_3P
                                                                                                                           GOBP_LYSOSOME_LOCALIZATION, GOBP_LYSOSOME_LOCALIZATION
                                                                                                                           MODULE_576, MODULE_576
                                                                                                                           MIR5581_3P, MIR5581_3P
                                                                                                                           MIR7152_3P, MIR7152_3P
                                                                                                                           HP_BROAD_NASAL_TIP, HP_BROAD_NASAL_TIP
                                                                                                                           BRUINS_UVC_RESPONSE_MIDDLE, BRUINS_UVC_RESPONSE_MIDDLE
                                                                                                                           GSE22935_24H_VS_48H_MBOVIS_BCG_STIM_MACROPHAGE_UP, GSE22935_24H_VS_48H_MBOVIS_BCG_STIM_MACROPHAGE_UP
                                                                                                                           GOBP EPIDERMAL GROWTH FACTOR RECEPTOR SIGNALING PATHWAY, GOBP EPIDERMAL GROWTH FACTOR RECEPTOR SIGNALING PATHWAY
                                                                                                                           GOBP VESICLE MEDIATED TRANSPORT BETWEEN ENDOSOMAL COMPARTMENTS, GOBP VESICLE MEDIATED TRANSPORT BETWEEN ENDOSOMAL COMPARTMENTS
                                                                                                                           KEGG ENDOMETRIAL CANCER, KEGG ENDOMETRIAL CANCER
                                                                                                                           GOBP REGULATION OF PROTEIN LOCALIZATION TO PLASMA MEMBRANE, GOBP REGULATION OF PROTEIN LOCALIZATION TO PLASMA MEMBRANE
                                                                                                                           ATTACAT_MIR3803P, ATTACAT_MIR3803P
                                                                                                                           YRTCANNRCGC_UNKNOWN, YRTCANNRCGC_UNKNOWN
                                                                                                                           HP_THIN_EYEBROW, HP_THIN_EYEBROW
                                                                                                                           GOBP_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY, GOBP_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY
                                                                                                                           HP_WIDELY_SPACED_TEETH, HP_WIDELY_SPACED_TEETH
                                                                                                                           MIR383 3P, MIR383 3P
                                                                                                                           WP_COPPER_HOMEOSTASIS, WP_COPPER_HOMEOSTASIS
                                                                                                                           GOMF NF KAPPAB BINDING, GOMF NF KAPPAB BINDING
                                                                                                                           GSE40274_CTRL_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                                           MIR203A_5P, MIR203A_5P
                                                                                                                           PID_KIT_PATHWAY, PID_KIT_PATHWAY
                                                                                                                           GOCC_TRANSCRIPTION_REPRESSOR_COMPLEX, GOCC_TRANSCRIPTION_REPRESSOR_COMPLEX
                                                                                                                           GOMF_ATPASE_REGULATOR_ACTIVITY, GOMF_ATPASE_REGULATOR_ACTIVITY
                                                                                                                           KEGG MTOR SIGNALING PATHWAY, KEGG MTOR SIGNALING PATHWAY
                                                                                                                           GSE20500_RETINOIC_ACID_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_UP, GSE20500_RETINOIC_ACID_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_UP
                                                                                                                           GOBP_RECEPTOR_METABOLIC_PROCESS, GOBP_RECEPTOR_METABOLIC_PROCESS
                                                                                                                           PID_TGFBR_PATHWAY, PID_TGFBR_PATHWAY
                                                                                                                           MIR122_5P, MIR122_5P
                                                                                                                           GSE13485_PRE_VS_POST_YF17D_VACCINATION_PBMC_UP, GSE13485_PRE_VS_POST_YF17D_VACCINATION_PBMC_UP
                                                                                                                           MIR155 3P, MIR155 3P
                                                                                                                           MIR4735_3P, MIR4735_3P
                                                                                                                           SIG BCR SIGNALING PATHWAY, SIG BCR SIGNALING PATHWAY
                                                                                                                           GOBP CYTOPLASMIC PATTERN RECOGNITION RECEPTOR SIGNALING PATHWAY, GOBP CYTOPLASMIC PATTERN RECOGNITION RECEPTOR SIGNALING PATHWAY
                                                                                                                           REACTOME SMAD2 SMAD3 SMAD4 HETEROTRIMER REGULATES TRANSCRIPTION, REACTOME SMAD2 SMAD3 SMAD4 HETEROTRIMER REGULATES TRANSCRIPTION
                                                                                                                           WP_CORTICOTROPINRELEASING_HORMONE_SIGNALING_PATHWAY, WP_CORTICOTROPINRELEASING_HORMONE_SIGNALING_PATHWAY
                                                                                                                           PID MYC PATHWAY, PID MYC PATHWAY
                                                                                                                           MIR412 3P, MIR412 3P
                                                                                                                           GOBP REGULATION OF PRODUCTION OF MOLECULAR MEDIATOR OF IMMUNE RESPONSE, GOBP REGULATION OF PRODUCTION OF MOLECULAR MEDIATOR OF IMMUNE RESPONSE
                                                                                                                          GOBP_REGULATION_OF_ERBB_SIGNALING_PATHWAY, GOBP_REGULATION_OF_ERBB_SIGNALING_PATHWAY
                                                                                                                           GSE9946_LISTERIA_INF_MATURE_VS_PROSTAGLANDINE2_TREATED_MATURE_DC_UP, GSE9946_LISTERIA_INF_MATURE_VS_PROSTAGLANDINE2_TREATED_MATURE_DC_UP
                                                                                                                           WP_ENDOMETRIAL_CANCER, WP_ENDOMETRIAL_CANCER
                                                                                                                           MIR6879 5P, MIR6879 5P
                                                                                                                           MIR449C_5P, MIR449C_5P
                                                                                                                           MIR921, MIR921
                                                                                                                            MIR500A 3P, MIR500A 3P
                                                                                                                           REACTOME_CONSTITUTIVE_SIGNALING_BY_AKT1_E17K_IN_CANCER, REACTOME_CONSTITUTIVE_SIGNALING_BY_AKT1_E17K_IN_CANCER
                                                                                                                           MIR6529_3P, MIR6529_3P
                                                                                                                           MIR4708_5P, MIR4708_5P
                                                                                                                           MIR34B_5P, MIR34B_5P
                                                                                                                           WP EGFR TYROSINE KINASE INHIBITOR RESISTANCE, WP EGFR TYROSINE KINASE INHIBITOR RESISTANCE
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_NEURON_DEATH, GOBP_POSITIVE_REGULATION_OF_NEURON_DEATH
                                                                                                                            PID_LKB1_PATHWAY, PID_LKB1_PATHWAY
                                                                                                                           TAVOR_CEBPA_TARGETS_UP, TAVOR_CEBPA_TARGETS_UP
                                                                                                                           MIR3606_5P, MIR3606_5P
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_COLD_INDUCED_THERMOGENESIS, GOBP_NEGATIVE_REGULATION_OF_COLD_INDUCED_THERMOGENESIS
                                                                                                                           WP_NOVEL_INTRACELLULAR_COMPONENTS_OF_RIGILIKE_RECEPTOR_RLR_PATHWAY, WP_NOVEL_INTRACELLULAR_COMPONENTS_OF_RIGILIKE_RECEPTOR_RLR_PATHWAY
3_KO_4H_LPS_STIM_MACROPHAGE_UP, GSE33162_HDAC3_KO_VS_HDAC3_KO_4H_LPS_STIM_MACROPHAGE_UF
                                                                                                                           AKL_HTLV1_INFECTION_DN, AKL_HTLV1_INFECTION_DN
                                                                                                                           GOBP_REGULATION_OF_EXOCYTOSIS, GOBP_REGULATION_OF_EXOCYTOSIS
                                                                                                                           HP_ABNORMAL_FINGERTIP_MORPHOLOGY, HP_ABNORMAL_FINGERTIP_MORPHOLOGY
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_NEURON_DEATH, GOBP_NEGATIVE_REGULATION_OF_NEURON_DEATH
                                                                                                                           BIOCARTA_KERATINOCYTE_PATHWAY, BIOCARTA_KERATINOCYTE_PATHWAY
                                                                                                                           HP_LIPODYSTROPHY, HP_LIPODYSTROPHY
                                                                                                                           GOCC_SCF_UBIQUITIN_LIGASE_COMPLEX, GOCC_SCF_UBIQUITIN_LIGASE_COMPLEX
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_MYELOID_CELL_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_MYELOID_CELL_DIFFERENTIATION
                                                                                                                           BONCI_TARGETS_OF_MIR15A_AND_MIR16_1, BONCI_TARGETS_OF_MIR15A_AND_MIR16_1
                                                                                                                           REACTOME_ENERGY_DEPENDENT_REGULATION_OF_MTOR_BY_LKB1_AMPK, REACTOME_ENERGY_DEPENDENT_REGULATION_OF_MTOR_BY_LKB1_AMPK
                                                                                                                            MIR576_3P, MIR576_3P
                                                                                                                           HP_CUPPED_EAR, HP_CUPPED_EAR
                                                                                                                           MIR4445_5P, MIR4445_5P
                                                                                                                           SIG_IL4RECEPTOR_IN_B_LYPHOCYTES, SIG_IL4RECEPTOR_IN_B_LYPHOCYTES
                                                                                                                           GOCC_EXTRINSIC_COMPONENT_OF_CYTOPLASMIC_SIDE_OF_PLASMA_MEMBRANE, GOCC_EXTRINSIC_COMPONENT_OF_CYTOPLASMIC_SIDE_OF_PLASMA_MEMBRANE
                                                                                                                           TATCTGG MIR488, TATCTGG MIR488
                                                                                                                           ATCMNTCCGY_UNKNOWN, ATCMNTCCGY_UNKNOWN
                                                                                                                           REACTOME_EXTRA_NUCLEAR_ESTROGEN_SIGNALING, REACTOME_EXTRA_NUCLEAR_ESTROGEN_SIGNALING
                                                                                                                           PID_NOTCH_PATHWAY, PID_NOTCH_PATHWAY
                                                                                                                           REACTOME_PI3K_AKT_SIGNALING_IN_CANCER, REACTOME_PI3K_AKT_SIGNALING_IN_CANCER
                                                                                                                           MIR1285_5P, MIR1285_5P
                                                                                                                           MIR6730_3P, MIR6730_3P
                                                                                                                           MIR2682_5P, MIR2682_5P
                                                                                                                           BREDEMEYER_RAG_SIGNALING_VIA_ATM_NOT_VIA_NFKB_UP, BREDEMEYER_RAG_SIGNALING_VIA_ATM_NOT_VIA_NFKB_UP
                                                                                                                           MIR432_3P, MIR432_3P
                                                                                                                           AGGTGCA_MIR500, AGGTGCA_MIR500
                                                                                                                           MIR8060, MIR8060
                                                                                                                           REACTOME_SUMOYLATION_OF_TRANSCRIPTION_COFACTORS, REACTOME_SUMOYLATION_OF_TRANSCRIPTION_COFACTORS
                                                                                                                           GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA_STIMULUS, GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA_STIMULUS
                                                                                                                           LIN_MELANOMA_COPY_NUMBER_DN, LIN_MELANOMA_COPY_NUMBER_DN
                                                                                                                           BIOCARTA_GSK3_PATHWAY, BIOCARTA_GSK3_PATHWAY
                                                                                                                           MIR649, MIR649
                                                                                                                           GOBP_ENDOSOME_TO_LYSOSOME_TRANSPORT, GOBP_ENDOSOME_TO_LYSOSOME_TRANSPORT
                                                                                                                           SIG_INSULIN_RECEPTOR_PATHWAY_IN_CARDIAC_MYOCYTES, SIG_INSULIN_RECEPTOR_PATHWAY_IN_CARDIAC_MYOCYTES
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION, GOBP_POSITIVE_REGULATION_OF_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION
                                                                                                                           GOBP_REGULATION_OF_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY, GOBP_REGULATION_OF_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                           GOBP_CELLULAR_EXTRAVASATION, GOBP_CELLULAR_EXTRAVASATION
                                                                                                                           PID FAS PATHWAY, PID FAS PATHWAY
                                                                                                                           WP_MET_IN_TYPE_1_PAPILLARY_RENAL_CELL_CARCINOMA, WP_MET_IN_TYPE_1_PAPILLARY_RENAL_CELL_CARCINOMA
                                                                                                                           HP_COARSE_HAIR, HP_COARSE_HAIR
                                                                                                                           MIR556_5P, MIR556_5P
                                                                                                                           MIR6511A_3P_MIR6511B_3P, MIR6511A_3P_MIR6511B_3P
                                                                                                                           REACTOME_RESPONSE_OF_MTB_TO_PHAGOCYTOSIS, REACTOME_RESPONSE_OF_MTB_TO_PHAGOCYTOSIS
                                                                                                                           GOBP_CYTOKINE_PRODUCTION_INVOLVED_IN_IMMUNE_RESPONSE, GOBP_CYTOKINE_PRODUCTION_INVOLVED_IN_IMMUNE_RESPONSE
                                                                                                                           HP_STOMATITIS, HP_STOMATITIS
                                                                                                                           MIR6861_3P, MIR6861_3P
                                                                                                                           GOBP_GLAND_MORPHOGENESIS, GOBP_GLAND_MORPHOGENESIS
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_CELL_DEVELOPMENT, GOBP_NEGATIVE_REGULATION_OF_CELL_DEVELOPMENT
                                                                                                                           HP_DISPROPORTIONATE_TALL_STATURE, HP_DISPROPORTIONATE_TALL_STATURE
                                                                                                                           GOCC_PERIKARYON, GOCC_PERIKARYON
                                                                                                                           GOBP_OSTEOCLAST_DIFFERENTIATION, GOBP_OSTEOCLAST_DIFFERENTIATION
                                                                                                                           ZHAN_LATE_DIFFERENTIATION_GENES_UP, ZHAN_LATE_DIFFERENTIATION_GENES_UP
                                                                                                                           HP_SHORT_TOE, HP_SHORT_TOE
                                                                                                                           ATF6_01, ATF6_01
                                                                                                                           REACTOME_FOXO_MEDIATED_TRANSCRIPTION, REACTOME_FOXO_MEDIATED_TRANSCRIPTION
                                                                                                                           MIR339_5P, MIR339_5P
                                                                                                                           PAX3_B, PAX3_B
                                                                                                                           REACTOME_RHOH_GTPASE_CYCLE, REACTOME_RHOH_GTPASE_CYCLE
                                                                                                                           WP_NOTCH_SIGNALING_PATHWAY_NETPATH, WP_NOTCH_SIGNALING_PATHWAY_NETPATH
                                                                                                                           GSE41176_WT_VS_TAK1_KO_UNSTIM_BCELL_UP, GSE41176_WT_VS_TAK1_KO_UNSTIM_BCELL_UP
                                                                                                                           GOCC_RETROMER_COMPLEX, GOCC_RETROMER_COMPLEX
                                                                                                                           CAGNYGKNAAA_UNKNOWN, CAGNYGKNAAA_UNKNOWN
                                                                                                                           WIKMAN_ASBESTOS_LUNG_CANCER_DN, WIKMAN_ASBESTOS_LUNG_CANCER_DN
                                                                                                                           GOMF_PHOSPHATIDYLINOSITOL_3_PHOSPHATE_BINDING, GOMF_PHOSPHATIDYLINOSITOL_3_PHOSPHATE_BINDING
                                                                                                                           GOBP_RECEPTOR_CATABOLIC_PROCESS, GOBP_RECEPTOR_CATABOLIC_PROCESS
                                                                                                                           WP_NANOPARTICLE_TRIGGERED_AUTOPHAGIC_CELL_DEATH, WP_NANOPARTICLE_TRIGGERED_AUTOPHAGIC_CELL_DEATH
                                                                                                                           BIOCARTA_PTDINS_PATHWAY, BIOCARTA_PTDINS_PATHWAY
                                                                                                                           HP_EXCESSIVE_WRINKLED_SKIN, HP_EXCESSIVE_WRINKLED_SKIN
                                                                                                                           ZHAN_MULTIPLE_MYELOMA_CD1_DN, ZHAN_MULTIPLE_MYELOMA_CD1_DN
                                                                                                                           KANG_DOXORUBICIN_RESISTANCE_DN, KANG_DOXORUBICIN_RESISTANCE_DN
                                                                                                                           MIR4437, MIR4437
                                                                                                                           GOBP_PROTEIN_DEMETHYLATION, GOBP_PROTEIN_DEMETHYLATION
                                                                                                                           GOBP_MATURATION_OF_LSU_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_RRNA_LSU_RRNA, GOBP_MATURATION_OF_LSU_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_RRNA_LSU_RRNA
                                                                                                                           MIR409_5P, MIR409_5P
                                                                                                                           MIR591, MIR591
                                                                                                                           GOBP_MITOCHONDRIAL_TRANSCRIPTION, GOBP_MITOCHONDRIAL_TRANSCRIPTION
                                                                                                                           GOBP_PLACENTA_DEVELOPMENT, GOBP_PLACENTA_DEVELOPMENT
                                                                                                                           MIR581, MIR581
                                                                                                                           HP_ABNORMAL_URINE_CARBOHYDRATE_LEVEL, HP_ABNORMAL_URINE_CARBOHYDRATE_LEVEL
                                                                                                                           BANDRES_RESPONSE_TO_CARMUSTIN_WITHOUT_MGMT_24HR_UP, BANDRES_RESPONSE_TO_CARMUSTIN_WITHOUT_MGMT_24HR_UP
                                                                                                                           REACTOME_TRAF6_MEDIATED_NF_KB_ACTIVATION, REACTOME_TRAF6_MEDIATED_NF_KB_ACTIVATION
                                                                                                                           MIR4515, MIR4515
                                                                                                                           GOBP_REGULATION_OF_DENDRITE_DEVELOPMENT, GOBP_REGULATION_OF_DENDRITE_DEVELOPMENT
                                                                                                                           MIR6806_5P, MIR6806_5P
                                                                                                                           GOBP_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY, GOBP_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_DNA_BINDING, GOBP_NEGATIVE_REGULATION_OF_DNA_BINDING
                                                                                                                           PID_IL8_CXCR2_PATHWAY, PID_IL8_CXCR2_PATHWAY
                                                                                                                           BAE_BRCA1_TARGETS_DN, BAE_BRCA1_TARGETS_DN
                                                                                                                           MIR4474_5P, MIR4474_5P
                                                                                                                           MIR5694, MIR5694
                                                                                                                           TURASHVILI BREAST LOBULAR CARCINOMA VS DUCTAL NORMAL DN, TURASHVILI BREAST LOBULAR CARCINOMA VS DUCTAL NORMAL DN
                                                                                                                           MIR6858 3P, MIR6858 3P
                                                                                                                           ZNF708 TARGET GENES, ZNF708 TARGET GENES
                                                                                                                           HP_INCREASED_CIRCULATING_IGA_LEVEL, HP_INCREASED_CIRCULATING_IGA_LEVEL
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_NEURON_APOPTOTIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_NEURON_APOPTOTIC_PROCESS
                                                                                                                           GOCC_CLATHRIN_COATED_PIT, GOCC_CLATHRIN_COATED_PIT
                                                                                                                           HP VERTEBRAL COMPRESSION FRACTURES, HP VERTEBRAL COMPRESSION FRACTURES
                                                                                                                           MIR490_3P, MIR490_3P
                                                                                                                           WILLIAMS_ESR2_TARGETS_DN, WILLIAMS_ESR2_TARGETS_DN
                                                                                                                           PID_REELIN_PATHWAY, PID_REELIN_PATHWAY
                                                                                                                           YUAN_ZNF143_PARTNERS, YUAN_ZNF143_PARTNERS
                                                                                                                           MIR4712_3P, MIR4712_3P
                                                                                                                           GOBP_REGULATION_OF_LIPID_STORAGE, GOBP_REGULATION_OF_LIPID_STORAGE
                                                                                                                           WP_OVERVIEW_OF_LEUKOCYTEINTRINSIC_HIPPO_PATHWAY_FUNCTIONS, WP_OVERVIEW_OF_LEUKOCYTEINTRINSIC_HIPPO_PATHWAY_FUNCTIONS
                                                                                                                           GOMF_BETA_CATENIN_BINDING, GOMF_BETA_CATENIN_BINDING
                                                                                                                           KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY, KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                           SHIN_B_CELL_LYMPHOMA_CLUSTER_7, SHIN_B_CELL_LYMPHOMA_CLUSTER_7
                                                                                                                           GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_STIMULUS, GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_STIMULUS
                                                                                                                           GOBP\_NEGATIVE\_REGULATION\_OF\_TRANSMEMBRANE\_RECEPTOR\_PROTEIN\_SERINE\_THREONINE\_KINASE\_SIGNALING\_PATHWAY, GOBP\_NEGATIVE\_REGULATION\_OF\_TRANSMEMBRANE\_RECEPTOR\_PROTEIN\_SERINE\_THREONINE\_KINASE\_SIGNALING\_PATHWAY
                                                                                                                           GOBP_REGULATION_OF_CYTOPLASMIC_TRANSPORT, GOBP_REGULATION_OF_CYTOPLASMIC_TRANSPORT
                                                                                                                           WP_TLR4_SIGNALING_AND_TOLERANCE, WP_TLR4_SIGNALING_AND_TOLERANCE
                                                                                                                           PID_LYSOPHOSPHOLIPID_PATHWAY, PID_LYSOPHOSPHOLIPID_PATHWAY
                                                                                                                           HU_GENOTOXIN_ACTION_DIRECT_VS_INDIRECT_4HR, HU_GENOTOXIN_ACTION_DIRECT_VS_INDIRECT_4HR
                                                                                                                           MIR3945, MIR3945
                                                                                                                           SAGIV_CD24_TARGETS_UP, SAGIV_CD24_TARGETS_UP
                                                                                                                           HP FRAGILE NAILS, HP FRAGILE NAILS
                                                                                                                           GOBP_CENTRAL_NERVOUS_SYSTEM_NEURON_DEVELOPMENT, GOBP_CENTRAL_NERVOUS_SYSTEM_NEURON_DEVELOPMENT
                                                                                                                           GOBP_RESPONSE_TO_EPIDERMAL_GROWTH_FACTOR, GOBP_RESPONSE_TO_EPIDERMAL_GROWTH_FACTOR
                                                                                                                           MIR3147, MIR3147
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA_STIMULUS, GOBP_POSITIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA_STIMULUS
                                                                                                                           PID ER NONGENOMIC PATHWAY, PID ER NONGENOMIC PATHWAY
                                                                                                                           HP_AUTOIMMUNE_THROMBOCYTOPENIA, HP_AUTOIMMUNE_THROMBOCYTOPENIA
                                                                                                                           HP_ABNORMALITY_OF_THE_PLANTAR_SKIN_OF_FOOT, HP_ABNORMALITY_OF_THE_PLANTAR_SKIN_OF_FOOT
                                                                                                                           GOCC_CARBOXY_TERMINAL_DOMAIN_PROTEIN_KINASE_COMPLEX, GOCC_CARBOXY_TERMINAL_DOMAIN_PROTEIN_KINASE_COMPLEX
                                                                                                                           MIR4761_3P, MIR4761_3P
                                                                                                                           HP ABNORMALITY OF IMMUNE SERUM PROTEIN PHYSIOLOGY, HP ABNORMALITY OF IMMUNE SERUM PROTEIN PHYSIOLOGY
                                                                                                                           MIR6834_3P, MIR6834_3P
                                                                                                                           GOBP_DEMETHYLATION, GOBP_DEMETHYLATION
                                                                                                                           MEIS1AHOXA9_01, MEIS1AHOXA9_01
                                                                                                                           HP_APLASIA_HYPOPLASIA_OF_THE_CLAVICLES, HP_APLASIA_HYPOPLASIA_OF_THE_CLAVICLES
                                                                                                                           YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_5, YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_5
                                                                                                                          WP_PROSTAGLANDIN_SYNTHESIS_AND_REGULATION, WP_PROSTAGLANDIN_SYNTHESIS_AND_REGULATION
                                                                                                                           ARGGGTTAA_UNKNOWN, ARGGGTTAA_UNKNOWN
                                                                                                                           WP_SEROTONIN_RECEPTOR_467_AND_NR3C_SIGNALING, WP_SEROTONIN_RECEPTOR_467_AND_NR3C_SIGNALING
                                                                                                                          HP_ABNORMAL_PROPORTION_OF_CD4_POSITIVE_T_CELLS, HP_ABNORMAL_PROPORTION_OF_CD4_POSITIVE_T_CELLS
                                                                                                                           MEIS1BHOXA9 01, MEIS1BHOXA9 01
                                                                                                                           GOBP_COLUMNAR_CUBOIDAL_EPITHELIAL_CELL_DEVELOPMENT, GOBP_COLUMNAR_CUBOIDAL_EPITHELIAL_CELL_DEVELOPMENT
                                                                                                                           HP PERIAURICULAR SKIN PITS, HP PERIAURICULAR SKIN PITS
                                                                                                                           REACTOME_SUMOYLATION_OF_DNA_METHYLATION_PROTEINS, REACTOME_SUMOYLATION_OF_DNA_METHYLATION_PROTEINS
                                                                                                                           HP_ECCHYMOSIS, HP_ECCHYMOSIS
                                                                                                                           HP_ABNORMALITY_OF_THE_RADIAL_HEAD, HP_ABNORMALITY_OF_THE_RADIAL_HEAD
                                                                                                                           HP EYELID MYOCLONUS, HP EYELID MYOCLONUS
                                                                                                                          PID_HEDGEHOG_GLI_PATHWAY, PID_HEDGEHOG_GLI_PATHWAY
                                                                                                                           HP_FOCAL_EMOTIONAL_SEIZURE, HP_FOCAL_EMOTIONAL_SEIZURE
                                                                                                                           WP_ESTROGEN_SIGNALING_PATHWAY, WP_ESTROGEN_SIGNALING_PATHWAY
                                                                                                                           MIR215_5P, MIR215_5P
                                                                                                                           HP_LONG_FOOT, HP_LONG_FOOT
                                                                                                                           REACTOME_PREVENTION_OF_PHAGOSOMAL_LYSOSOMAL_FUSION, REACTOME_PREVENTION_OF_PHAGOSOMAL_LYSOSOMAL_FUSION
                                                                                                                           GRAHAM_CML_DIVIDING_VS_NORMAL_QUIESCENT_DN, GRAHAM_CML_DIVIDING_VS_NORMAL_QUIESCENT_DN
                                                                                                                           REACTOME_FOXO_MEDIATED_TRANSCRIPTION_OF_CELL_DEATH_GENES, REACTOME_FOXO_MEDIATED_TRANSCRIPTION_OF_CELL_DEATH_GENES
                                                                                                                           GOBP_HIPPOCAMPUS_DEVELOPMENT, GOBP_HIPPOCAMPUS_DEVELOPMENT
                                                                                                                           GOBP_TRNA_THREONYLCARBAMOYLADENOSINE_METABOLIC_PROCESS, GOBP_TRNA_THREONYLCARBAMOYLADENOSINE_METABOLIC_PROCESS
                                                                                                                           GOBP_REGULATION_OF_BMP_SIGNALING_PATHWAY, GOBP_REGULATION_OF_BMP_SIGNALING_PATHWAY
                                                                                                                           PID_CD40_PATHWAY, PID_CD40_PATHWAY
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY, GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY
                                                                                                                           WP_RETT_SYNDROME_CAUSING_GENES, WP_RETT_SYNDROME_CAUSING_GENES
                                                                                                                           MIR376B_5P_MIR376C_5P, MIR376B_5P_MIR376C_5P
                                                                                                                           MIR4474_3P, MIR4474_3P
                                                                                                                           REACTOME_NOTCH_HLH_TRANSCRIPTION_PATHWAY, REACTOME_NOTCH_HLH_TRANSCRIPTION_PATHWAY
                                                                                                                           HP_OVERWEIGHT, HP_OVERWEIGHT
                                                                                                                           SCHOEN_NFKB_SIGNALING, SCHOEN_NFKB_SIGNALING
                                                                                                                           GOBP_RECEPTOR_RECYCLING, GOBP_RECEPTOR_RECYCLING
                                                                                                                           HP_PSYCHOMOTOR_DETERIORATION, HP_PSYCHOMOTOR_DETERIORATION
                                                                                                                           GOCC_SAGA_COMPLEX, GOCC_SAGA_COMPLEX
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_NUCLEUS, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_NUCLEUS
                                                                                                                           GOBP_HYALURONAN_METABOLIC_PROCESS, GOBP_HYALURONAN_METABOLIC_PROCESS
                                                                                                                           MATSUMIYA_PBMC_MODIFIED_VACCINIA_ANKARA_VACCINE_AGE_18_55YO_VACCINATED_VS_CONTROL_TREATED_IN_VITRO_WITH_WILD_TYPE_MVA_6HR_UP, MATSUMIYA_PBMC_MODIFIED_VACCINIA_ANKARA_VACCINATED_VS_CONTROL_TREATED_IN_VITRO_WITH_WILD_TYPE_MVA_6HR_UP, MATSUMIYA_PBMC_MODIFIED_VACCINATED_VS_CONTROL_TREATED_IN_VITRO_WITH_WILD_TYPE_MVA_6HR_UP, MATSUMIYA_PBMC_MODIFIED_VACCINATED_VS_CONTROL_TREATED_IN_VITRO_WITH_WILD_TYPE_MVA_6HR_UP, MATSUMIYA_PBMC_MODIFIED_VACCINATED_VS_CONTROL_TREATED_IN_VITRO_WITH_WILD_TYPE_MVA_6HR_UP, MATSUMIYA_PBMC_MODIFIED_VACCINATED_VS_CONTROL_TREATED_IN_VITRO_WITH_WILD_TYPE_MVA_6HR_UP, MATSUMIYA_PBMC_WITH_WILD_TYPE_MVA_6HR_UP, MATSUMIYA_PBMC_WITH_WILD_TYPE_MVA_6HR_UP, MATSUMIYA_PBMC_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_WILD_TYPE_WITP_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_WILD_TYPE_WITH_W
                                                                                                                           GOMF ADENYL NUCLEOTIDE EXCHANGE FACTOR ACTIVITY, GOMF ADENYL NUCLEOTIDE EXCHANGE FACTOR ACTIVITY
                                                                                                                           MIR1258, MIR1258
                                                                                                                           MIR192_5P, MIR192_5P
                                                                                                                           GOMF_TRANSCRIPTION_COACTIVATOR_BINDING, GOMF_TRANSCRIPTION_COACTIVATOR_BINDING
                                                                                                                           GOBP_PANCREAS_DEVELOPMENT, GOBP_PANCREAS_DEVELOPMENT
                                                                                                                           GOBP TORC2 SIGNALING, GOBP TORC2 SIGNALING
                                                                                                                           GOBP_RIG_I_SIGNALING_PATHWAY, GOBP_RIG_I_SIGNALING_PATHWAY
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY
                                                                                                                           GOBP_REGULATION_OF_T_CELL_MIGRATION, GOBP_REGULATION_OF_T_CELL_MIGRATION
                                                                                                                           GOBP_HISTONE_H3_K4_DEMETHYLATION, GOBP_HISTONE_H3_K4_DEMETHYLATION
                                                                                                                           WP_SUPRESSION_OF_HMGB1_MEDIATED_INFLAMMATION_BY_THBD, WP_SUPRESSION_OF_HMGB1_MEDIATED_INFLAMMATION_BY_THBD
                                                                                                                           GOBP_MITOCHONDRIAL_RNA_MODIFICATION, GOBP_MITOCHONDRIAL_RNA_MODIFICATION
                                                                                                                           GOCC_NUCLEAR_CYCLIN_DEPENDENT_PROTEIN_KINASE_HOLOENZYME_COMPLEX, GOCC_NUCLEAR_CYCLIN_DEPENDENT_PROTEIN_KINASE_HOLOENZYME_COMPLEX
                                                                                                                           OVSYANNIKOVA_PBMC_FLUARIX_AGE_55_64YO_RESPONDERS_VS_NONRESPONDERS_0DY_UP, OVSYANNIKOVA_PBMC_FLUARIX_AGE_55_64YO_RESPONDERS_VS_NONRESPONDERS_0DY_UP
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_MEMBRANE, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_MEMBRANE
                                                                                                                           GOBP_REGULATION_OF_EPIDERMAL_GROWTH_FACTOR_ACTIVATED_RECEPTOR_ACTIVITY, GOBP_REGULATION_OF_EPIDERMAL_GROWTH_FACTOR_ACTIVATED_RECEPTOR_ACTIVITY
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CELL_PERIPHERY, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CELL_PERIPHERY
                                                                                                                           GOBP_PLACENTA_BLOOD_VESSEL_DEVELOPMENT, GOBP_PLACENTA_BLOOD_VESSEL_DEVELOPMENT
                                                                                                                           MIR4497, MIR4497
                                                                                                                           GOCC_BORC_COMPLEX, GOCC_BORC_COMPLEX
                                                                                                                           GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_E_STIMULUS, GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_E_STIMULUS
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_CYTOPLASMIC_TRANSPORT, GOBP_POSITIVE_REGULATION_OF_CYTOPLASMIC_TRANSPORT
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GSE14000_TRANSLATED_RNA_VS_MRNA_4H_LPS_DC_UP, GSE14000_TRANSLATED_RNA_VS_MRNA_4H_LPS_DC_UP

GSE12001_MIR223_KO_VS_WT_NEUTROPHIL_DN, GSE12001_MIR223_KO_VS_WT_NEUTROPHIL_DN