```
GSE1448_CTRL_VS_ANTI_VBETA5_DP_THYMOCYTE_UP, GSE1448_CTRL_VS_ANTI_VBETA5_DP_THYMOCYTE_UP
                                                                                                                             GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_UP, GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_UP
                                                                                                                             GSE17721_0.5H_VS_24H_CPG_BMDC_UP, GSE17721_0.5H_VS_24H_CPG_BMDC_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
                                                                                                                             GSE32164_RESTING_DIFFERENTIATED_VS_ALTERNATIVELY_ACT_M2_MACROPHAGE_DN, GSE32164_RESTING_DIFFERENTIATED_VS_ALTERNATIVELY_ACT_M2_MACROPHAGE_DN
                                                                                                                             GOBP_CYTOSOLIC_TRANSPORT, GOBP_CYTOSOLIC_TRANSPORT
                                                                                                                             GSE1925_CTRL_VS_24H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_DN, GSE1925_CTRL_VS_24H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_DN
                                                                                                                             GSE17721_POLYIC_VS_PAM3CSK4_0.5H_BMDC_DN, GSE17721_POLYIC_VS_PAM3CSK4_0.5H_BMDC_DN
                                                                                                                             GSE27786_LSK_VS_BCELL_DN, GSE27786_LSK_VS_BCELL_DN
                                                                                                                             GSE15330_WT_VS_IKAROS_KO_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_DN, GSE15330_WT_VS_IKAROS_KO_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_DN
                                                                                                                             GSE3920_IFNA_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_IFNA_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP
                                                                                                                             GSE40274_EOS_VS_FOXP3_AND_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_EOS_VS_FOXP3_AND_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                                             GSE39152_CD103_NEG_VS_POS_MEMORY_CD8_TCELL_UP, GSE39152_CD103_NEG_VS_POS_MEMORY_CD8_TCELL_UP
                                                                                                                             GSE24142 ADULT VS FETAL EARLY THYMIC PROGENITOR UP, GSE24142 ADULT VS FETAL EARLY THYMIC PROGENITOR UP
                                                                                                                             GSE41087_WT_VS_FOXP3_MUT_ANTI_CD3_CD28_STIM_CD4_TCELL_UP, GSE41087_WT_VS_FOXP3_MUT_ANTI_CD3_CD28_STIM_CD4_TCELL_UP
                                                                                                                             GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_6H_UP, GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_6H_UP
                                                                                                                             GSE17721_LPS_VS_CPG_8H_BMDC_UP, GSE17721_LPS_VS_CPG_8H_BMDC_UP
                                                                                                                            GOBP_VACUOLE_ORGANIZATION, GOBP_VACUOLE_ORGANIZATION
                                                                                                                            GOCC_LATE_ENDOSOME_MEMBRANE, GOCC_LATE_ENDOSOME_MEMBRANE
                                                                                                                            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
                                                                                                                             GSE17721_CTRL_VS_CPG_12H_BMDC_DN, GSE17721_CTRL_VS_CPG_12H_BMDC_DN
                                                                                                                            GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_6H_UP, GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_6H_UP
                                                                                                                             MIR922, MIR922
                                                                                                                             GSE42021_TCONV_PLN_VS_CD24INT_TCONV_THYMUS_UP, GSE42021_TCONV_PLN_VS_CD24INT_TCONV_THYMUS_UP
                                                                                                                             HP_SMOOTH_PHILTRUM, HP_SMOOTH_PHILTRUM
                                                                                                                             KEGG_NEUROTROPHIN_SIGNALING_PATHWAY, KEGG_NEUROTROPHIN_SIGNALING_PATHWAY
                                                                                                                             MIR3920, MIR3920
                                                                                                                             YAGI_AML_SURVIVAL, YAGI_AML_SURVIVAL
                                                                                                                             GSE17721_LPS_VS_GARDIQUIMOD_0.5H_BMDC_DN, GSE17721_LPS_VS_GARDIQUIMOD_0.5H_BMDC_DN
                                                                                                                             GSE37532_WT_VS_PPARG_KO_LN_TCONV_UP, GSE37532_WT_VS_PPARG_KO_LN_TCONV_UP
                                                                                                                             GOCC_AUTOPHAGOSOME, GOCC_AUTOPHAGOSOME
                                                                                                                            GOBP_AUTOPHAGOSOME_ORGANIZATION, GOBP_AUTOPHAGOSOME_ORGANIZATION
                                                                                                                             GSE3982_EOSINOPHIL_VS_TH1_UP, GSE3982_EOSINOPHIL_VS_TH1_UP
                                                                                                                             GSE15330_LYMPHOID_MULTIPOTENT_VS_PRO_BCELL_UP, GSE15330_LYMPHOID_MULTIPOTENT_VS_PRO_BCELL_UP
                                                                                                                             ETF_Q6, ETF_Q6
                                                                                                                             GOBP RETROGRADE_TRANSPORT_ENDOSOME_TO_GOLGI, GOBP_RETROGRADE_TRANSPORT_ENDOSOME_TO_GOLGI
                                                                                                                             GOCC EXTRINSIC COMPONENT OF PLASMA MEMBRANE, GOCC EXTRINSIC COMPONENT OF PLASMA MEMBRANE
                                                                                                                             HOLLERN EMT BREAST TUMOR UP, HOLLERN EMT BREAST TUMOR UP
                                                                                                                            GSE15624_3H_VS_6H_HALOFUGINONE_TREATED_CD4_TCELL_DN, GSE15624_3H_VS_6H_HALOFUGINONE_TREATED_CD4_TCELL_DN
                                                                                                                            HP_PECTUS_CARINATUM, HP_PECTUS_CARINATUM
                                                                                                                            HP_ABNORMAL_PULMONARY_VALVE_PHYSIOLOGY, HP_ABNORMAL_PULMONARY_VALVE_PHYSIOLOGY
                                                                                                                            MIR5008_3P, MIR5008_3P
                                                                                                                             AAGGGAT_MIR188, AAGGGAT_MIR188
                                                                                                                            MIR338_3P, MIR338_3P
                                                                                                                            GOCC_EARLY_ENDOSOME_MEMBRANE, GOCC_EARLY_ENDOSOME_MEMBRANE
                                                                                                                            MIR18A_5P_MIR18B_5P, MIR18A_5P_MIR18B_5P
                                                                                                                            GOBP_ENDOSOME_ORGANIZATION, GOBP_ENDOSOME_ORGANIZATION
                                                                                                                            GSE3982_MAC_VS_NEUTROPHIL_DN, GSE3982_MAC_VS_NEUTROPHIL_DN
                                                                                                                            MIR223_3P, MIR223_3P
                                                                                                                            MIR125B_2_3P, MIR125B_2_3P
                                                                                                                            GTATGAT_MIR154_MIR487, GTATGAT_MIR154_MIR487
                                                                                                                            GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_UP, GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_UP
                                                                                                                            GSE43955_10H_VS_30H_ACT_CD4_TCELL_DN, GSE43955_10H_VS_30H_ACT_CD4_TCELL_DN
                                                                                                                            GOBP_INSULIN_RECEPTOR_SIGNALING_PATHWAY, GOBP_INSULIN_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                            GCM_ERBB2IP, GCM_ERBB2IP
                                                                                                                            GNF2_RAP1B, GNF2_RAP1B
                                                                                                                            GOMF_TRANSCRIPTION_COREGULATOR_BINDING, GOMF_TRANSCRIPTION_COREGULATOR_BINDING
                                                                                                                            MORI_MATURE_B_LYMPHOCYTE_UP, MORI_MATURE_B_LYMPHOCYTE_UP
                                                                                                                            MIR1_5P, MIR1_5P
                                                                                                                            KEGG_CHEMOKINE_SIGNALING_PATHWAY, KEGG_CHEMOKINE_SIGNALING_PATHWAY
                                                                                                                            HP_PULMONIC_STENOSIS, HP_PULMONIC_STENOSIS
                                                                                                                             MIR642A_3P_MIR642B_3P, MIR642A_3P_MIR642B_3P
                                                                                                                            GOCC_EXTRINSIC_COMPONENT_OF_CYTOPLASMIC_SIDE_OF_PLASMA_MEMBRANE, GOCC_EXTRINSIC_COMPONENT_OF_CYTOPLASMIC_SIDE_OF_PLASMA_MEMBRANE
                                                                                                                             GOBP_ERBB_SIGNALING_PATHWAY, GOBP_ERBB_SIGNALING_PATHWAY
                                                                                                                             GSE40274_CTRL_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                                             AGTCAGC_MIR345, AGTCAGC_MIR345
                                                                                                                             ATTACAT_MIR3803P, ATTACAT_MIR3803P
                                                                                                                            WP_CHEMOKINE_SIGNALING_PATHWAY, WP_CHEMOKINE_SIGNALING_PATHWAY
                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_BINDING, GOBP_NEGATIVE_REGULATION_OF_BINDING
                                                                                                                            GOBP EPIDERMAL GROWTH FACTOR RECEPTOR SIGNALING PATHWAY, GOBP EPIDERMAL GROWTH FACTOR RECEPTOR SIGNALING PATHWAY
                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_CELLULAR_PROTEIN_LOCALIZATION, GOBP_NEGATIVE_REGULATION_OF_CELLULAR_PROTEIN_LOCALIZATION
                                                                                                                             MIR6730_3P, MIR6730_3P
                                                                                                                             MIR122_5P, MIR122_5P
                                                                                                                             SIG_BCR_SIGNALING_PATHWAY, SIG_BCR_SIGNALING_PATHWAY
                                                                                                                             MIR4720_3P, MIR4720_3P
                                                                                                                             HP_SPARSE_EYEBROW, HP_SPARSE_EYEBROW
                                                                                                                             WP_ENDOMETRIAL_CANCER, WP_ENDOMETRIAL_CANCER
                                                                                                                             GENTILE_RESPONSE_CLUSTER_D3, GENTILE_RESPONSE_CLUSTER_D3
                                                                                                                             HP_ABNORMAL_FINGERTIP_MORPHOLOGY, HP_ABNORMAL_FINGERTIP_MORPHOLOGY
                                                                                                                             GCM_CSNK1A1, GCM_CSNK1A1
                                                                                                                             AACTGAC_MIR223, AACTGAC_MIR223
                                                                                                                             GSE9946_LISTERIA_INF_MATURE_VS_PROSTAGLANDINE2_TREATED_MATURE_DC_UP, GSE9946_LISTERIA_INF_MATURE_VS_PROSTAGLANDINE2_TREATED_MATURE_DC_UP
                                                                                                                             MIR3171, MIR3171
                                                                                                                             MIR4691_5P, MIR4691_5P
                                                                                                                             GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CELL_PERIPHERY, GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO CELL PERIPHERY
                                                                                                                             MIR6792_3P, MIR6792_3P
                                                                                                                             GOBP_RECEPTOR_METABOLIC_PROCESS, GOBP_RECEPTOR_METABOLIC_PROCESS
                                                                                                                             HP_UNDERDEVELOPED_NASAL_ALAE, HP_UNDERDEVELOPED_NASAL_ALAE
                                                                                                                             PID_SMAD2_3NUCLEAR_PATHWAY, PID_SMAD2_3NUCLEAR_PATHWAY
                                                                                                                             MODULE_332, MODULE_332
                                                                                                                             GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_MEDIATED_IMMUNITY, GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_MEDIATED_IMMUNITY
                                                                                                                             MIR5581_3P, MIR5581_3P
                                                                                                                             MIR1227_3P, MIR1227_3P
                                                                                                                             MIR6764 3P, MIR6764 3P
                                                                                                                             WP_NOTCH_SIGNALING_PATHWAY_NETPATH, WP_NOTCH_SIGNALING_PATHWAY_NETPATH
                                                                                                                             MIR6824_3P, MIR6824_3P
                                                                                                                             KEGG ENDOMETRIAL CANCER, KEGG ENDOMETRIAL CANCER
                                                                                                                             PID_KIT_PATHWAY, PID_KIT_PATHWAY
                                                                                                                             MIR4445_5P, MIR4445_5P
                                                                                                                             KEGG NON SMALL CELL LUNG CANCER, KEGG NON SMALL CELL LUNG CANCER
                                                                                                                             GOBP_TRANSFERRIN_TRANSPORT, GOBP_TRANSFERRIN_TRANSPORT
                                                                                                                             PID_DELTA_NP63_PATHWAY, PID_DELTA_NP63_PATHWAY
                                                                                                                             GOBP_VESICLE_MEDIATED_TRANSPORT_BETWEEN_ENDOSOMAL_COMPARTMENTS, GOBP_VESICLE_MEDIATED_TRANSPORT_BETWEEN_ENDOSOMAL_COMPARTMENTS
                                                                                                                             KEGG_MTOR_SIGNALING_PATHWAY, KEGG_MTOR_SIGNALING_PATHWAY
                                                                                                                            GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_PLASMA_MEMBRANE, GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_PLASMA_MEMBRANE
                                                                                                                            GOBP_ENDOSOME_TO_LYSOSOME_TRANSPORT, GOBP_ENDOSOME_TO_LYSOSOME_TRANSPORT
                                                                                                                             YRTCANNRCGC UNKNOWN, YRTCANNRCGC UNKNOWN
                                                                                                                             MIR1306_5P, MIR1306_5P
                                                                                                                             MIR1202, MIR1202
                                                                                                                             MIR4326, MIR4326
                                                                                                                             ARGGGTTAA_UNKNOWN, ARGGGTTAA_UNKNOWN
                                                                                                                             PID_TAP63_PATHWAY, PID_TAP63_PATHWAY
                                                                                                                            GOBP_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY, GOBP_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY
                                                                                                                             MIR3972, MIR3972
                                                                                                                             BURTON_ADIPOGENESIS_11, BURTON_ADIPOGENESIS_11
                                                                                                                            GOBP_INTRACELLULAR_ESTROGEN_RECEPTOR_SIGNALING_PATHWAY, GOBP_INTRACELLULAR_ESTROGEN_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                            MIR215_5P, MIR215_5P
                                                                                                                            HP_MICRORETROGNATHIA, HP_MICRORETROGNATHIA
                                                                                                                            GOBP_REGULATION_OF_CIRCADIAN_RHYTHM, GOBP_REGULATION_OF_CIRCADIAN_RHYTHM
                                                                                                                            GOBP_MYELOID_CELL_DEVELOPMENT, GOBP_MYELOID_CELL_DEVELOPMENT
                                                                                                                             MIR581, MIR581
                                                                                                                             GOBP_T_CELL_MEDIATED_IMMUNITY, GOBP_T_CELL_MEDIATED_IMMUNITY
                                                                                                                             GOBP_PH_REDUCTION, GOBP_PH_REDUCTION
                                                                                                                             GOBP_RECEPTOR_CATABOLIC_PROCESS, GOBP_RECEPTOR_CATABOLIC_PROCESS
                                                                                                                             MIR203A_5P, MIR203A_5P
                                                                                                                             MIR6754_3P, MIR6754_3P
                                                                                                                             GOMF_ATPASE_REGULATOR_ACTIVITY, GOMF_ATPASE_REGULATOR_ACTIVITY
                                                                                                                             HP_DISPROPORTIONATE_TALL_STATURE, HP_DISPROPORTIONATE_TALL_STATURE
                                                                                                                             GOBP_POSITIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MITOCHONDRION, GOBP_POSITIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MITOCHONDRION
                                                                                                                             MIR192_5P, MIR192_5P
                                                                                                                            GOBP_CENTRAL_NERVOUS_SYSTEM_NEURON_DEVELOPMENT, GOBP_CENTRAL_NERVOUS_SYSTEM_NEURON_DEVELOPMENT
                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_COLD_INDUCED_THERMOGENESIS, GOBP_NEGATIVE_REGULATION_OF_COLD_INDUCED_THERMOGENESIS
                                                                                                                             MIR500A_3P, MIR500A_3P
                                                                                                                             REACTOME_EXTRA_NUCLEAR_ESTROGEN_SIGNALING, REACTOME_EXTRA_NUCLEAR_ESTROGEN_SIGNALING
                                                                                                                             MIR3139, MIR3139
                                                                                                                             GOBP_RECEPTOR_RECYCLING, GOBP_RECEPTOR_RECYCLING
                                                                                                                            GOBP_PROTEIN_K63_LINKED_DEUBIQUITINATION, GOBP_PROTEIN_K63_LINKED_DEUBIQUITINATION
                                                                                                                             MIR3913_3P, MIR3913_3P
                                                                                                                             GOBP_DOSAGE_COMPENSATION, GOBP_DOSAGE_COMPENSATION
                                                                                                                             MEIS1AHOXA9_01, MEIS1AHOXA9_01
                                                                                                                             PID_FAS_PATHWAY, PID_FAS_PATHWAY
                                                                                                                             GOBP_CYTOKINE_PRODUCTION_INVOLVED_IN_IMMUNE_RESPONSE, GOBP_CYTOKINE_PRODUCTION_INVOLVED_IN_IMMUNE_RESPONSE
                                                                                                                             ZHAN_MULTIPLE_MYELOMA_CD1_DN, ZHAN_MULTIPLE_MYELOMA_CD1_DN
                                                                                                                             WP_CORTICOTROPINRELEASING_HORMONE_SIGNALING_PATHWAY, WP_CORTICOTROPINRELEASING_HORMONE_SIGNALING_PATHWAY
                                                                                                                            GOBP_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION, GOBP_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION
                                                                                                                            REACTOME_ENERGY_DEPENDENT_REGULATION_OF_MTOR_BY_LKB1_AMPK, REACTOME_ENERGY_DEPENDENT_REGULATION_OF_MTOR_BY_LKB1_AMPK
                                                                                                                             GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA_STIMULUS, GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA_STIMULUS
                                                                                                                             WARTERS_IR_RESPONSE_5GY, WARTERS_IR_RESPONSE_5GY
                                                                                                                             KYNG_DNA_DAMAGE_BY_4NQO_OR_UV, KYNG_DNA_DAMAGE_BY_4NQO_OR_UV
                                                                                                                             WP_COPPER_HOMEOSTASIS, WP_COPPER_HOMEOSTASIS
                                                                                                                             SIG_IL4RECEPTOR_IN_B_LYPHOCYTES, SIG_IL4RECEPTOR_IN_B_LYPHOCYTES
                                                                                                                             REACTOME_RHOH_GTPASE_CYCLE, REACTOME_RHOH_GTPASE_CYCLE
                                                                                                                             GOMF_NF_KAPPAB_BINDING, GOMF_NF_KAPPAB_BINDING
                                                                                                                             MIR556_5P, MIR556_5P
                                                                                                                             HP_APLASIA_HYPOPLASIA_OF_THE_CLAVICLES, HP_APLASIA_HYPOPLASIA_OF_THE_CLAVICLES
                                                                                                                             GOCC_PERIKARYON, GOCC_PERIKARYON
                                                                                                                             GOBP_PHAGOSOME_ACIDIFICATION, GOBP_PHAGOSOME_ACIDIFICATION
                                                                                                                             HP_COARSE_HAIR, HP_COARSE_HAIR
                                                                                                                             MIR1285_5P, MIR1285_5P
                                                                                                                             HP_HYPEREXTENSIBILITY_OF_THE_KNEE, HP_HYPEREXTENSIBILITY_OF_THE_KNEE
                                                                                                                             MIR6811_5P, MIR6811_5P
                                                                                                                             BIOCARTA_STRESS_PATHWAY, BIOCARTA_STRESS_PATHWAY
                                                                                                                             HP_THIN_EYEBROW, HP_THIN_EYEBROW
                                                                                                                              OLSSON_E2F3_TARGETS_UP, OLSSON_E2F3_TARGETS_UP
                                                                                                                             GOMF_PHOSPHATIDYLINOSITOL_3_PHOSPHATE_BINDING, GOMF_PHOSPHATIDYLINOSITOL_3_PHOSPHATE_BINDING
                                                                                                                             MIR4765, MIR4765
3 KO 4H LPS STIM MACROPHAGE UP, GSE33162 HDAC3 KO VS HDAC3 KO 4H LPS STIM MACROPHAGE UP
                                                                                                                             GOMF_RNA_POLYMERASE_II_TRANSCRIPTION_COREGULATOR_BINDING, GOMF_RNA_POLYMERASE_II_TRANSCRIPTION_COREGULATOR_BINDING
                                                                                                                             MIR6514_3P, MIR6514_3P
                                                                                                                             GOBP_CENTRAL_NERVOUS_SYSTEM_PROJECTION_NEURON_AXONOGENESIS, GOBP_CENTRAL_NERVOUS_SYSTEM_PROJECTION_NEURON_AXONOGENESIS
                                                                                                                             GOBP_PROTEIN_LOCALIZATION_TO_ENDOSOME, GOBP_PROTEIN_LOCALIZATION_TO_ENDOSOME
                                                                                                                             GOMF_TRANSCRIPTION_COREPRESSOR_BINDING, GOMF_TRANSCRIPTION_COREPRESSOR_BINDING
                                                                                                                             HP_PROMINENT_DIGIT_PAD, HP_PROMINENT_DIGIT_PAD
                                                                                                                             REACTOME_CONSTITUTIVE_SIGNALING_BY_AKT1_E17K_IN_CANCER, REACTOME_CONSTITUTIVE_SIGNALING_BY_AKT1_E17K_IN_CANCER
                                                                                                                             MIR409 5P, MIR409 5P
                                                                                                                             MIR591, MIR591
                                                                                                                             MIR6834 3P, MIR6834 3P
                                                                                                                             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_MITOCHONDRIAL_TRANSCRIPTION, GOBP_MITOCHONDRIAL_TRANSCRIPTION
                                                                                                                             MIR576_3P, MIR576_3P
                                                                                                                             GOBP_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY, GOBP_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY
                                                                                                                             BIOCARTA_PTDINS_PATHWAY, BIOCARTA_PTDINS_PATHWAY
                                                                                                                             MIR708_5P, MIR708_5P
                                                                                                                             MIR28_5P, MIR28_5P
                                                                                                                             GOBP_ENTEROENDOCRINE_CELL_DIFFERENTIATION, GOBP_ENTEROENDOCRINE_CELL_DIFFERENTIATION
                                                                                                                             REACTOME_INSULIN_RECEPTOR_RECYCLING, REACTOME_INSULIN_RECEPTOR_RECYCLING
                                                                                                                             GSE43863_TH1_VS_TFH_EFFECTOR_CD4_TCELL_UP, GSE43863_TH1_VS_TFH_EFFECTOR_CD4_TCELL_UP
                                                                                                                            GOBP_TYPE_B_PANCREATIC_CELL_DEVELOPMENT, GOBP_TYPE_B_PANCREATIC_CELL_DEVELOPMENT
                                                                                                                             MIR5694, MIR5694
                                                                                                                             MIR6511B_5P, MIR6511B_5P
                                                                                                                             WP_ESTROGEN_SIGNALING_PATHWAY, WP_ESTROGEN_SIGNALING_PATHWAY
                                                                                                                             GOBP_PANCREAS_DEVELOPMENT, GOBP_PANCREAS_DEVELOPMENT
                                                                                                                            GOBP_REGULATION_OF_CYTOPLASMIC_TRANSPORT, GOBP_REGULATION_OF_CYTOPLASMIC_TRANSPORT
                                                                                                                             REACTOME_TRAF6_MEDIATED_NF_KB_ACTIVATION, REACTOME_TRAF6_MEDIATED_NF_KB_ACTIVATION
                                                                                                                             MODULE_492, MODULE_492
                                                                                                                             GOBP_REGULATION_OF_T_CELL_MEDIATED_IMMUNITY, GOBP_REGULATION_OF_T_CELL_MEDIATED_IMMUNITY
                                                                                                                             MIR571, MIR571
                                                                                                                             MIR1238 3P, MIR1238 3P
                                                                                                                            HP_VERTEBRAL_COMPRESSION_FRACTURES, HP_VERTEBRAL_COMPRESSION_FRACTURES
                                                                                                                            GOBP_REGULATION_OF_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY, GOBP_REGULATION_OF_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                             GOBP_GLANDULAR_EPITHELIAL_CELL_DEVELOPMENT, GOBP_GLANDULAR_EPITHELIAL_CELL_DEVELOPMENT
                                                                                                                             MIR412_3P, MIR412_3P
                                                                                                                             HP_MULTIPLE_RENAL_CYSTS, HP_MULTIPLE_RENAL_CYSTS
                                                                                                                             GOBP_REGULATION_OF_GLIAL_CELL_MIGRATION, GOBP_REGULATION_OF_GLIAL_CELL_MIGRATION
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_ERYTHROCYTE_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_ERYTHROCYTE_DIFFERENTIATION
                                                                                                                             PID_CXCR3_PATHWAY, PID_CXCR3_PATHWAY
                                                                                                                             BIOCARTA_IGF1MTOR_PATHWAY, BIOCARTA_IGF1MTOR_PATHWAY
                                                                                                                             SHIN_B_CELL_LYMPHOMA_CLUSTER_7, SHIN_B_CELL_LYMPHOMA_CLUSTER_7
                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_TRANSCRIPTION_REGULATORY_REGION_DNA_BINDING, GOBP_NEGATIVE_REGULATION_OF_TRANSCRIPTION_REGULATORY_REGION_DNA_BINDING
                                                                                                                             GOBP_STEROL_TRANSPORT, GOBP_STEROL_TRANSPORT
                                                                                                                             MIR4515, MIR4515
                                                                                                                             GOBP_BONE_CELL_DEVELOPMENT, GOBP_BONE_CELL_DEVELOPMENT
                                                                                                                             GOBP_REGULATION_OF_POLYSACCHARIDE_METABOLIC_PROCESS, GOBP_REGULATION_OF_POLYSACCHARIDE_METABOLIC_PROCESS
                                                                                                                             KEGG_DORSO_VENTRAL_AXIS_FORMATION, KEGG_DORSO_VENTRAL_AXIS_FORMATION
                                                                                                                             SCHEIDEREIT_IKK_TARGETS, SCHEIDEREIT_IKK_TARGETS
                                                                                                                             GOBP_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY, GOBP_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY
                                                                                                                            GOBP_GASTRULATION_WITH_MOUTH_FORMING_SECOND, GOBP_GASTRULATION_WITH_MOUTH_FORMING_SECOND
                                                                                                                             GENTILE_UV_LOW_DOSE_UP, GENTILE_UV_LOW_DOSE_UP
                                                                                                                             MIR1468_5P, MIR1468_5P
                                                                                                                            GOBP_MAINTENANCE_OF_CELL_POLARITY, GOBP_MAINTENANCE_OF_CELL_POLARITY
                                                                                                                             GOMF_RNA_POLYMERASE_II_TRANSCRIPTION_COREPRESSOR_BINDING, GOMF_RNA_POLYMERASE_II_TRANSCRIPTION_COREPRESSOR_BINDING
                                                                                                                             MIR8086, MIR8086
                                                                                                                             GOBP_REGULATION_OF_MYELINATION, GOBP_REGULATION_OF_MYELINATION
                                                                                                                             MIR6858 3P, MIR6858 3P
                                                                                                                             BIOCARTA_AKT_PATHWAY, BIOCARTA_AKT_PATHWAY
                                                                                                                             GOBP_REGULATION_OF_RECEPTOR_RECYCLING, GOBP_REGULATION_OF_RECEPTOR_RECYCLING
                                                                                                                             BIOCARTA_PTEN_PATHWAY, BIOCARTA_PTEN_PATHWAY
                                                                                                                             GOBP_RESPONSE_TO_PROSTAGLANDIN, GOBP_RESPONSE_TO_PROSTAGLANDIN
                                                                                                                             GOBP_CENTRAL_NERVOUS_SYSTEM_NEURON_AXONOGENESIS, GOBP_CENTRAL_NERVOUS_SYSTEM_NEURON_AXONOGENESIS
                                                                                                                             GOBP_REGULATION_OF_OSTEOCLAST_DIFFERENTIATION, GOBP_REGULATION_OF_OSTEOCLAST_DIFFERENTIATION
                                                                                                                            GOBP_REGULATION_OF_EPIDERMAL_GROWTH_FACTOR_ACTIVATED_RECEPTOR_ACTIVITY, GOBP_REGULATION_OF_EPIDERMAL_GROWTH_FACTOR_ACTIVATED_RECEPTOR_ACTIVITY
                                                                                                                             GOMF_DYNACTIN_BINDING, GOMF_DYNACTIN_BINDING
                                                                                                                             GOBP_ENDOCRINE_PANCREAS_DEVELOPMENT, GOBP_ENDOCRINE_PANCREAS_DEVELOPMENT
                                                                                                                             BIOCARTA_ACH_PATHWAY, BIOCARTA_ACH_PATHWAY
                                                                                                                             GOBP_REGULATION_OF_LIPID_STORAGE, GOBP_REGULATION_OF_LIPID_STORAGE
                                                                                                                             GOBP_REGULATION_OF_LIPID_LOCALIZATION, GOBP_REGULATION_OF_LIPID_LOCALIZATION
                                                                                                                             GOBP_POSTTRANSLATIONAL_PROTEIN_TARGETING_TO_ENDOPLASMIC_RETICULUM_MEMBRANE, GOBP_POSTTRANSLATIONAL_PROTEIN_TARGETING_TO_ENDOPLASMIC_RETICULUM_MEMBRANE
                                                                                                                             PID_CD40_PATHWAY, PID_CD40_PATHWAY
                                                                                                                             MCDOWELL_ACUTE_LUNG_INJURY_UP, MCDOWELL_ACUTE_LUNG_INJURY_UP
                                                                                                                             GOBP_REGULATION_OF_T_HELPER_1_TYPE_IMMUNE_RESPONSE, GOBP_REGULATION_OF_T_HELPER_1_TYPE_IMMUNE_RESPONSE
                                                                                                                             GOBP_LIMBIC_SYSTEM_DEVELOPMENT, GOBP_LIMBIC_SYSTEM_DEVELOPMENT
                                                                                                                             PID_REELIN_PATHWAY, PID_REELIN_PATHWAY
                                                                                                                             GOBP_GLAND_MORPHOGENESIS, GOBP_GLAND_MORPHOGENESIS
                                                                                                                             GOBP_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_PROSTATE_GLAND_DEVELOPMENT, GOBP_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_PROSTATE_GLAND_DEVELOPMENT
                                                                                                                             GOMF_ADENYL_NUCLEOTIDE_EXCHANGE_FACTOR_ACTIVITY, GOMF_ADENYL_NUCLEOTIDE_EXCHANGE_FACTOR_ACTIVITY
                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_EXOCYTOSIS, GOBP_NEGATIVE_REGULATION_OF_EXOCYTOSIS
                                                                                                                             GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_STIMULUS, GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_STIMULUS
                                                                                                                             MIR4712_3P, MIR4712_3P
                                                                                                                             GOBP_REGULATION_OF_LIPID_TRANSPORT, GOBP_REGULATION_OF_LIPID_TRANSPORT
                                                                                                                             GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY, GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY
                                                                                                                            GOBP_RESPONSE_TO_ELECTRICAL_STIMULUS, GOBP_RESPONSE_TO_ELECTRICAL_STIMULUS
                                                                                                                             NAM_FXYD5_TARGETS_DN, NAM_FXYD5_TARGETS_DN
                                                                                                                             GOBP_POSITIVE_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY
                                                                                                                             GOBP_REGULATION_OF_PLASMA_MEMBRANE_ORGANIZATION, GOBP_REGULATION_OF_PLASMA_MEMBRANE_ORGANIZATION
                                                                                                                             BANDRES_RESPONSE_TO_CARMUSTIN_WITHOUT_MGMT_24HR_UP, BANDRES_RESPONSE_TO_CARMUSTIN_WITHOUT_MGMT_24HR_UP
                                                                                                                            GOMF_TRNA_CYTOSINE_METHYLTRANSFERASE_ACTIVITY, GOMF_TRNA_CYTOSINE_METHYLTRANSFERASE_ACTIVITY
                                                                                                                            GOBP_HIPPOCAMPUS_DEVELOPMENT, GOBP_HIPPOCAMPUS_DEVELOPMENT
                                                                                                                            GOBP_REGULATION_OF_POLYSACCHARIDE_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_POLYSACCHARIDE_BIOSYNTHETIC_PROCESS
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_CYTOPLASMIC_TRANSPORT, GOBP_POSITIVE_REGULATION_OF_CYTOPLASMIC_TRANSPORT
                                                                                                                             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\_VACCINE\_AGE\_18\_55YO\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VITRO\_WITH\_WILD\_TYPE\_MVA\_6HR\_UP, 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\_VACCINE\_AGE\_18\_55YO\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VITRO\_WITH\_WILD\_TYPE\_MVA\_6HR\_UP, 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\_VACCINE\_AGE\_18\_55YO\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VITRO\_WITH\_WILD\_TYPE\_MVA\_6HR\_UP, 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\_VACCINE\_AGE\_18\_55YO\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VITRO\_WITH\_WILD\_TYPE\_MVA\_6HR\_UP, 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\_MATSUMIYA\_PBMC\_MODIFIED\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VACCINATED\_VS\_CONTROL\_TREATED\_VS\_CONTROL\_TREATED\_VS\_CONTROL\_TREATED\_VS\_CONTROL\_TREATED\_VS\_CONTROL\_TREATED\_VS\_CONTROL\_TREATED\_VS\_CONTROL\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREATED\_TREA
                                                                                                                            WP_NANOPARTICLE_TRIGGERED_AUTOPHAGIC_CELL_DEATH, WP_NANOPARTICLE_TRIGGERED_AUTOPHAGIC_CELL_DEATH
                                                                                                                            GOCC_CMG_COMPLEX, GOCC_CMG_COMPLEX
                                                                                                                             BIOCARTA_HES_PATHWAY, BIOCARTA_HES_PATHWAY
                                                                                                                             GOBP_RESPONSE_TO_DSRNA, GOBP_RESPONSE_TO_DSRNA
                                                                                                                             WP_SEROTONIN_RECEPTOR_467_AND_NR3C_SIGNALING, WP_SEROTONIN_RECEPTOR_467_AND_NR3C_SIGNALING
                                                                                                                            HP_PAPILLARY_THYROID_CARCINOMA, HP_PAPILLARY_THYROID_CARCINOMA
                                                                                                                            HP_SPARSE_LATERAL_EYEBROW, HP_SPARSE_LATERAL_EYEBROW
                                                                                                                            BIOCARTA_GSK3_PATHWAY, BIOCARTA_GSK3_PATHWAY
                                                                                                                             GOMF_INTRAMOLECULAR_OXIDOREDUCTASE_ACTIVITY_INTERCONVERTING_ALDOSES_AND_KETOSES, GOMF_INTRAMOLECULAR_OXIDOREDUCTASE_ACTIVITY_INTERCONVERTING_ALDOSES_AND_KETOSES
                                                                                                                             HP_PSYCHOMOTOR_DETERIORATION, HP_PSYCHOMOTOR_DETERIORATION
                                                                                                                             HUMMEL_BURKITTS_LYMPHOMA_DN, HUMMEL_BURKITTS_LYMPHOMA_DN
                                                                                                                            REACTOME_ACTIVATION_OF_THE_PHOTOTRANSDUCTION_CASCADE, REACTOME_ACTIVATION_OF_THE_PHOTOTRANSDUCTION_CASCADE
                                                                                                                             HP_IRON_DEFICIENCY_ANEMIA, HP_IRON_DEFICIENCY_ANEMIA
                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_INTRACELLULAR_ESTROGEN_RECEPTOR_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_INTRACELLULAR_ESTROGEN_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                             GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_CELL_PROLIFERATION, GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_CELL_PROLIFERATION
                                                                                                                             WP_SMALL_LIGAND_GPCRS, WP_SMALL_LIGAND_GPCRS
                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_LIPID_KINASE_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_LIPID_KINASE_ACTIVITY
                                                                                                                            GOBP_OSTEOCLAST_DEVELOPMENT, GOBP_OSTEOCLAST_DEVELOPMENT
                                                                                                                            GOCC_HOPS_COMPLEX, GOCC_HOPS_COMPLEX
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_VACUOLE_ORGANIZATION, GOBP_POSITIVE_REGULATION_OF_VACUOLE_ORGANIZATION
                                                                                                                            GOBP_REGULATION_OF_ORGANELLE_TRANSPORT_ALONG_MICROTUBULE, GOBP_REGULATION_OF_ORGANELLE_TRANSPORT_ALONG_MICROTUBULE
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY
                                                                                                                            HP_PROMINENT_NASOLABIAL_FOLD, HP_PROMINENT_NASOLABIAL_FOLD
                                                                                                                            WP_IL17_SIGNALING_PATHWAY, WP_IL17_SIGNALING_PATHWAY
                                                                                                                            HP_LONG_FOOT, HP_LONG_FOOT
                                                                                                                            GOBP_REGULATION_OF_CYTOPLASMIC_MRNA_PROCESSING_BODY_ASSEMBLY, GOBP_REGULATION_OF_CYTOPLASMIC_MRNA_PROCESSING_BODY_ASSEMBLY
                                                                                                                            GOBP_REGULATION_OF_LYMPHOID_PROGENITOR_CELL_DIFFERENTIATION, GOBP_REGULATION_OF_LYMPHOID_PROGENITOR_CELL_DIFFERENTIATION
                                                                                                                            HP_HYPERSOMNIA, HP_HYPERSOMNIA
                                                                                                                            GOBP_RESPONSE_TO_CATECHOLAMINE, GOBP_RESPONSE_TO_CATECHOLAMINE
                                                                                                                            HP_NEOPLASM_OF_THE_TRACHEOBRONCHIAL_SYSTEM, HP_NEOPLASM_OF_THE_TRACHEOBRONCHIAL_SYSTEM
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_DENDRITIC_CELL_CYTOKINE_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_DENDRITIC_CELL_CYTOKINE_PRODUCTION
                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_MONOCYTE_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_MONOCYTE_DIFFERENTIATION
                                                                                                                            PID_IL23_PATHWAY, PID_IL23_PATHWAY
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_GLIAL_CELL_MIGRATION, GOBP_POSITIVE_REGULATION_OF_GLIAL_CELL_MIGRATION
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_OSTEOCLAST_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_OSTEOCLAST_DIFFERENTIATION
                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION
                                                                                                                             REACTOME_PROSTANOID_LIGAND_RECEPTORS, REACTOME_PROSTANOID_LIGAND_RECEPTORS
                                                                                                                             HP_BICONCAVE_VERTEBRAL_BODIES, HP_BICONCAVE_VERTEBRAL_BODIES
                                                                                                                             GOBP_REGULATION_OF_PROTEIN_KINASE_C_ACTIVITY, GOBP_REGULATION_OF_PROTEIN_KINASE_C_ACTIVITY
                                                                                                                            REACTOME_SCAVENGING_BY_CLASS_F_RECEPTORS, REACTOME_SCAVENGING_BY_CLASS_F_RECEPTORS
                                                                                                                             FUNG IL2 SIGNALING 2, FUNG IL2 SIGNALING 2
                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_SCHWANN_CELL_PROLIFERATION, GOBP_NEGATIVE_REGULATION_OF_SCHWANN_CELL_PROLIFERATION
                                                                                                                             REACTOME SARS COV 1 GENOME REPLICATION AND TRANSCRIPTION, REACTOME SARS COV 1 GENOME REPLICATION AND TRANSCRIPTION
                                                                                                                            GOBP_ARGININE_CATABOLIC_PROCESS, GOBP_ARGININE_CATABOLIC_PROCESS
                                                                                                                             MIR1289, MIR1289
                                                                                                                             GOBP_AMYLOID_BETA_METABOLIC_PROCESS, GOBP_AMYLOID_BETA_METABOLIC_PROCESS
                                                                                                                             WP_TCELL_RECEPTOR_AND_COSTIMULATORY_SIGNALING, WP_TCELL_RECEPTOR_AND_COSTIMULATORY_SIGNALING
                                                                                                                             GOBP MAMMARY GLAND MORPHOGENESIS, GOBP MAMMARY GLAND MORPHOGENESIS
                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_LIPID_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_LIPID_METABOLIC_PROCESS
                                                                                                                             WP_TLR4_SIGNALING_AND_TOLERANCE, WP_TLR4_SIGNALING_AND_TOLERANCE
                                                                                                                            GOBP_CELLULAR_HYPOTONIC_RESPONSE, GOBP_CELLULAR_HYPOTONIC_RESPONSE
                                                                                                                            WP_CANONICAL_NFKB_PATHWAY, WP_CANONICAL_NFKB_PATHWAY
                                                                                                                            REACTOME_KERATAN_SULFATE_DEGRADATION, REACTOME_KERATAN_SULFATE_DEGRADATION
                                                                                                                            GOBP_PLACENTA_BLOOD_VESSEL_DEVELOPMENT, GOBP_PLACENTA_BLOOD_VESSEL_DEVELOPMENT
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_SYNAPSE, GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_SYNAPSE
                                                                                                                            GOMF_PROSTANOID_RECEPTOR_ACTIVITY, GOMF_PROSTANOID_RECEPTOR_ACTIVITY
                                                                                                                             GOBP_REGULATION_OF_LONG_TERM_SYNAPTIC_POTENTIATION, GOBP_REGULATION_OF_LONG_TERM_SYNAPTIC_POTENTIATION
                                                                                                                             RASHI_NFKB1_TARGETS, RASHI_NFKB1_TARGETS
                                                                                                                             GOBP_HYPOTONIC_RESPONSE, GOBP_HYPOTONIC_RESPONSE
                                                                                                                             GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CENTROSOME, GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CENTROSOME
                                                                                                                             WP_SUPRESSION_OF_HMGB1_MEDIATED_INFLAMMATION_BY_THBD, WP_SUPRESSION_OF_HMGB1_MEDIATED_INFLAMMATION_BY_THBD
                                                                                                                             WP_UREA_CYCLE_AND_RELATED_DISEASES, WP_UREA_CYCLE_AND_RELATED_DISEASES
                                                                                                                             GOBP_SCHWANN_CELL_PROLIFERATION, GOBP_SCHWANN_CELL_PROLIFERATION
                                                                                                                            CHESLER_BRAIN_D6MIT150_QTL_TRANS, CHESLER_BRAIN_D6MIT150_QTL_TRANS
                                                                                                                            HP_SEVERE_LACTIC_ACIDOSIS, HP_SEVERE_LACTIC_ACIDOSIS
                                                                                                                             GOBP_MAMMARY_GLAND_INVOLUTION, GOBP_MAMMARY_GLAND_INVOLUTION
                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_INTERFERON_GAMMA, GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_INTERFERON_GAMMA
                                                                                                                             REACTOME_RSK_ACTIVATION, REACTOME_RSK_ACTIVATION
                                                                                                                             HP_OCULAR_PAIN, HP_OCULAR_PAIN
                                                                                                                             GOBP_REGULATION_OF_BONE_REMODELING, GOBP_REGULATION_OF_BONE_REMODELING
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GOBP\_REGULATION\_OF\_BMP\_SIGNALING\_PATHWAY, GOBP\_REGULATION\_OF\_BMP\_SIGNALING\_PATHWAY

GOBP\_REGULATION\_OF\_RIG\_I\_SIGNALING\_PATHWAY, GOBP\_REGULATION\_OF\_RIG\_I\_SIGNALING\_PATHWAY GOBP\_REGULATION\_OF\_OSTEOCLAST\_DEVELOPMENT.

GOBP\_LATERAL\_VENTRICLE\_DEVELOPMENT, GOBP\_LATERAL\_VENTRICLE\_DEVELOPMENT

GOBP\_RESPONSE\_TO\_PROSTAGLANDIN\_E, GOBP\_RESPONSE\_TO\_PROSTAGLANDIN\_E

GOBP\_REGULATION\_OF\_GROWTH\_RATE, GOBP\_REGULATION\_OF\_GROWTH\_RATE

GOBP\_STEROL\_IMPORT, GOBP\_STEROL\_IMPORT

BAUS\_TFF2\_TARGETS\_UP, BAUS\_TFF2\_TARGETS\_UP

GOCC\_ESCRT\_III\_COMPLEX, GOCC\_ESCRT\_III\_COMPLEX

GOMF\_MAP\_KINASE\_ACTIVITY, GOMF\_MAP\_KINASE\_ACTIVITY

GOBP\_NEGATIVE\_REGULATION\_OF\_OSTEOCLAST\_DIFFERENTIATION, GOBP\_NEGATIVE\_REGULATION\_OF\_OSTEOCLAST\_DIFFERENTIATION

GOBP\_NEGATIVE\_REGULATION\_OF\_EPIDERMAL\_GROWTH\_FACTOR\_ACTIVATED\_RECEPTOR\_ACTIVITY, GOBP\_NEGATIVE\_REGULATION\_OF\_EPIDERMAL\_GROWTH\_FACTOR\_ACTIVATED\_RECEPTOR\_ACTIVITY

GSE34006\_A2AR\_KO\_VS\_A2AR\_AGONIST\_TREATED\_TREG\_DN, GSE34006\_A2AR\_KO\_VS\_A2AR\_AGONIST\_TREATED\_TREG\_DN

GSE37416\_0H\_VS\_24H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN, GSE37416\_0H\_VS\_24H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN

GSE36527\_CD69\_NEG\_VS\_POS\_TREG\_CD62L\_LOS\_KLRG1\_NEG\_DN, GSE36527\_CD69\_NEG\_VS\_POS\_TREG\_CD62L\_LOS\_KLRG1\_NEG\_DN

GSE7348\_LPS\_VS\_TOLERIZED\_AND\_LPS\_STIM\_MACROPHAGE\_UP, GSE7348\_LPS\_VS\_TOLERIZED\_AND\_LPS\_STIM\_MACROPHAGE\_UP

GSE14000\_TRANSLATED\_RNA\_VS\_MRNA\_4H\_LPS\_DC\_UP, GSE14000\_TRANSLATED\_RNA\_VS\_MRNA\_4H\_LPS\_DC\_UP

GSE3982\_BASOPHIL\_VS\_CENT\_MEMORY\_CD4\_TCELL\_UP, GSE3982\_BASOPHIL\_VS\_CENT\_MEMORY\_CD4\_TCELL\_UP

GSE32034\_LY6C\_HIGH\_VS\_LOW\_MONOCYTE\_DN, GSE32034\_LY6C\_HIGH\_VS\_LOW\_MONOCYTE\_DN GSE36009\_WT\_VS\_NLRP10\_KO\_DC\_LPS\_STIM\_DN, GSE36009\_WT\_VS\_NLRP10\_KO\_DC\_LPS\_STIM\_DN

GSE12001\_MIR223\_KO\_VS\_WT\_NEUTROPHIL\_DN, GSE12001\_MIR223\_KO\_VS\_WT\_NEUTROPHIL\_DN