```
GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_UP, GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_UP
                                                                                   GSE14000_UNSTIM_VS_4H_LPS_DC_TRANSLATED_RNA_UP, GSE14000_UNSTIM_VS_4H_LPS_DC_TRANSLATED_RNA_UP
                                                                                   GSE41867_NAIVE_VS_DAY15_LCMV_EFFECTOR_CD8_TCELL_UP, GSE41867_NAIVE_VS_DAY15_LCMV_EFFECTOR_CD8_TCELL_UP
                                                                                   GSE23321_EFFECTOR_MEMORY_VS_NAIVE_CD8_TCELL_DN, GSE23321_EFFECTOR_MEMORY_VS_NAIVE_CD8_TCELL_DN
                                                                                   GSE39820_CTRL_VS_TGFBETA3_IL6_CD4_TCELL_UP, GSE39820_CTRL_VS_TGFBETA3_IL6_CD4_TCELL_UP
                                                                                   GSE40666_UNTREATED_VS_IFNA_STIM_EFFECTOR_CD8_TCELL_90MIN_DN, GSE40666_UNTREATED_VS_IFNA_STIM_EFFECTOR_CD8_TCELL_90MIN_DN
                                                                                   GSE17721_LPS_VS_POLYIC_24H_BMDC_UP, GSE17721_LPS_VS_POLYIC_24H_BMDC_UP
                                                                                   GSE20198_UNTREATED_VS_IFNA_TREATED_ACT_CD4_TCELL_DN, GSE20198_UNTREATED_VS_IFNA_TREATED_ACT_CD4_TCELL_DN
                                                                                   GSE3982_MAC_VS_NEUTROPHIL_UP, GSE3982_MAC_VS_NEUTROPHIL_UP
                                                                                  GSE9878_CTRL_VS_EBF_TRANSDUCED_PAX5_KO_PRO_BCELL_DN, GSE9878_CTRL_VS_EBF_TRANSDUCED_PAX5_KO_PRO_BCELL_DN
                                                                                   GSE12001_MIR223_KO_VS_WT_NEUTROPHIL_UP, GSE12001_MIR223_KO_VS_WT_NEUTROPHIL_UP
                                                                                   GSE31082_DP_VS_CD8_SP_THYMOCYTE_DN, GSE31082_DP_VS_CD8_SP_THYMOCYTE_DN
                                                                                   GSE3039_NKT_CELL_VS_ALPHABETA_CD8_TCELL_UP, GSE3039_NKT_CELL_VS_ALPHABETA_CD8_TCELL_UP
                                                                                   GSE27786_LSK_VS_CD4_TCELL_UP, GSE27786_LSK_VS_CD4_TCELL_UP
                                                                                   GSE15330_HSC_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_IKAROS_KO_DN, GSE15330_HSC_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_IKAROS_KO_DN
                                                                                   GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_24H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_24H_CD8_T_CELL_DN
                                                                                   GSE14308_TH2_VS_TH1_UP, GSE14308_TH2_VS_TH1_UP
                                                                                   GSE369_SOCS3_KO_VS_WT_LIVER_POST_IL6_INJECTION_UP, GSE369_SOCS3_KO_VS_WT_LIVER_POST_IL6_INJECTION_UP
                                                                                   GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_DN, GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_DN
                                                                                   GSE15330_HSC_VS_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_IKAROS_KO_UP, GSE15330_HSC_VS_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_IKAROS_KO_UP
                                                                                   GSE14308_TH1_VS_NATURAL_TREG_UP, GSE14308_TH1_VS_NATURAL_TREG_UP
                                                                                   GSE17721_PAM3CSK4_VS_GADIQUIMOD_24H_BMDC_DN, GSE17721_PAM3CSK4_VS_GADIQUIMOD_24H_BMDC_DN
                                                                                   GSE32986_CURDLAN_LOWDOSE_VS_CURDLAN_HIGHDOSE_STIM_DC_DN, GSE32986_CURDLAN_LOWDOSE_VS_CURDLAN_HIGHDOSE_STIM_DC_DN
                                                                                   GSE17721_LPS_VS_CPG_4H_BMDC_DN, GSE17721_LPS_VS_CPG_4H_BMDC_DN
                                                                                   GSE17721_LPS_VS_GARDIQUIMOD_0.5H_BMDC_UP, GSE17721_LPS_VS_GARDIQUIMOD_0.5H_BMDC_UP
                                                                                   GSE17721_CTRL_VS_PAM3CSK4_8H_BMDC_DN, GSE17721_CTRL_VS_PAM3CSK4_8H_BMDC_DN
                                                                                   GSE1448_ANTI_VALPHA2_VS_VBETA5_DP_THYMOCYTE_DN, GSE1448_ANTI_VALPHA2_VS_VBETA5_DP_THYMOCYTE_DN
                                                                                   GSE40666_WT_VS_STAT4_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_DN, GSE40666_WT_VS_STAT4_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_DN
                                                                                   GOBP_RESPONSE_TO_HEAT, GOBP_RESPONSE_TO_HEAT
                                                                                   GOCC_INTRINSIC_COMPONENT_OF_MITOCHONDRIAL_INNER_MEMBRANE, GOCC_INTRINSIC_COMPONENT_OF_MITOCHONDRIAL_INNER_MEMBRANE
                                                                                   GSE8621_UNSTIM_VS_LPS_PRIMED_UNSTIM_MACROPHAGE_UP, GSE8621_UNSTIM_VS_LPS_PRIMED_UNSTIM_MACROPHAGE_UP
                                                                                   GSE17721_CPG_VS_GARDIQUIMOD_24H_BMDC_DN, GSE17721_CPG_VS_GARDIQUIMOD_24H_BMDC_DN
                                                                                   GSE17721_CTRL_VS_PAM3CSK4_12H_BMDC_DN, GSE17721_CTRL_VS_PAM3CSK4_12H_BMDC_DN
                                                                                   GSE33162_HDAC3_KO_VS_HDAC3_KO_MACROPHAGE_UP, GSE33162_HDAC3_KO_VS_HDAC3_KO_MACROPHAGE_UP
                                                                                   GSE27786_ERYTHROBLAST_VS_NEUTROPHIL_UP, GSE27786_ERYTHROBLAST_VS_NEUTROPHIL_UP
                                                                                   GSE1448_CTRL_VS_ANTI_VALPHA2_DP_THYMOCYTE_UP, GSE1448_CTRL_VS_ANTI_VALPHA2_DP_THYMOCYTE_UP
                                                                                   GOMF_CHAPERONE_BINDING, GOMF_CHAPERONE_BINDING
                                                                                   HP_ABNORMAL_CIRCULATING_PROTEINOGENIC_AMINO_ACID_DERIVATIVE_CONCENTRATION, HP_ABNORMAL_CIRCULATING_PROTEINOGENIC_AMINO_ACID_DERIVATIVE_CONCENTRATION
                                                                                   DCA_UP.V1_DN, DCA_UP.V1_DN
                                                                                   GOBP CRISTAE FORMATION, GOBP CRISTAE FORMATION
                                                                                   GSE43955 TH0 VS TGFB IL6 TH17 ACT CD4 TCELL 1H UP, GSE43955 TH0 VS TGFB IL6 TH17 ACT CD4 TCELL 1H UP
                                                                                   GSE31622_WT_VS_KLF3_KO_BCELL_DN, GSE31622_WT_VS_KLF3_KO_BCELL_DN
                                                                                   MIR7843_3P, MIR7843_3P
                                                                                   MODULE 427, MODULE 427
                                                                                   KEGG PEROXISOME, KEGG PEROXISOME
                                                                                   LAU_APOPTOSIS_CDKN2A_UP, LAU_APOPTOSIS_CDKN2A_UP
                                                                                   MIR708_3P, MIR708_3P
                                                                                   GOCC_TRANSCRIPTION_REPRESSOR_COMPLEX, GOCC_TRANSCRIPTION_REPRESSOR_COMPLEX
                                                                                   GOBP_APOPTOTIC_MITOCHONDRIAL_CHANGES, GOBP_APOPTOTIC_MITOCHONDRIAL_CHANGES
                                                                                   TURASHVILI_BREAST_NORMAL_DUCTAL_VS_LOBULAR_UP, TURASHVILI_BREAST_NORMAL_DUCTAL_VS_LOBULAR_UP
                                                                                  GSE17721_LPS_VS_PAM3CSK4_2H_BMDC_DN, GSE17721_LPS_VS_PAM3CSK4_2H_BMDC_DN
                                                                                   GSE9509_10MIN_VS_30MIN_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_DN, GSE9509_10MIN_VS_30MIN_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_DN
                                                                                   MODULE 480, MODULE 480
                                                                                   GOMF_HSP90_PROTEIN_BINDING, GOMF_HSP90_PROTEIN_BINDING
                                                                                   GSE33374_CD8_ALPHAALPHA_VS_ALPHABETA_CD161_HIGH_TCELL_UP, GSE33374_CD8_ALPHAALPHA_VS_ALPHABETA_CD161_HIGH_TCELL_UP
                                                                                  GSE3720_LPS_VS_PMA_STIM_VD1_GAMMADELTA_TCELL_UP, GSE3720_LPS_VS_PMA_STIM_VD1_GAMMADELTA_TCELL_UP
                                                                                   RB_DN.V1_DN, RB_DN.V1_DN
                                                                                  FAELT_B_CLL_WITH_VH3_21_DN, FAELT_B_CLL_WITH_VH3_21_DN
                                                                                   FOXQ1_TARGET_GENES, FOXQ1_TARGET_GENES
                                                                                  BROWNE_HCMV_INFECTION_8HR_UP, BROWNE_HCMV_INFECTION_8HR_UP
                                                                                   MIR4502, MIR4502
                                                                                  PRAMOONJAGO_SOX4_TARGETS_DN, PRAMOONJAGO_SOX4_TARGETS_DN
                                                                                   GOBP_CELL_AGING, GOBP_CELL_AGING
                                                                                   GOBP_NEGATIVE_REGULATION_OF_PROTEIN_BINDING, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_BINDING
                                                                                   MIR4714_3P, MIR4714_3P
                                                                                   MODULE_256, MODULE_256
                                                                                   MIR3169, MIR3169
                                                                                   HP_SHORT_MIDDLE_PHALANX_OF_FINGER, HP_SHORT_MIDDLE_PHALANX_OF_FINGER
                                                                                   GOBP_CELLULAR_OXIDANT_DETOXIFICATION, GOBP_CELLULAR_OXIDANT_DETOXIFICATION
                                                                                  REACTOME_SIGNALING_BY_MODERATE_KINASE_ACTIVITY_BRAF_MUTANTS, REACTOME_SIGNALING_BY_MODERATE_KINASE_ACTIVITY_BRAF_MUTANTS
                                                                                  HP_ABNORMALITY_OF_THE_TARSAL_BONES, HP_ABNORMALITY_OF_THE_TARSAL_BONES
                                                                                  GOBP_REGULATION_OF_CELL_MORPHOGENESIS_INVOLVED_IN_DIFFERENTIATION, GOBP_REGULATION_OF_CELL_MORPHOGENESIS_INVOLVED_IN_DIFFERENTIATION
                                                                                   HP_ABNORMAL_MIDDLE_PHALANX_MORPHOLOGY_OF_THE_HAND, HP_ABNORMAL_MIDDLE_PHALANX_MORPHOLOGY_OF_THE_HAND
                                                                                  GOBP_GLIAL_CELL_DEVELOPMENT, GOBP_GLIAL_CELL_DEVELOPMENT
                                                                                  MIR1288_3P, MIR1288_3P
                                                                                  MIR548Q, MIR548Q
                                                                                  GCM_FANCL, GCM_FANCL
                                                                                  HP_APLASTIC_CLAVICLE, HP_APLASTIC_CLAVICLE
                                                                                  ZHAN_MULTIPLE_MYELOMA_CD1_AND_CD2_DN, ZHAN_MULTIPLE_MYELOMA_CD1_AND_CD2_DN
                                                                                  GSE13229_IMM_VS_INTMATURE_NKCELL_UP, GSE13229_IMM_VS_INTMATURE_NKCELL_UP
                                                                                   GOBP MITOCHONDRIAL FISSION, GOBP MITOCHONDRIAL FISSION
                                                                                   GAO_ESOPHAGUS_25W_C3_FGFR1LOW_EPITHELIAL_CELLS, GAO_ESOPHAGUS_25W_C3_FGFR1LOW_EPITHELIAL_CELLS
                                                                                   HP_CNS_DEMYELINATION, HP_CNS_DEMYELINATION
                                                                                  GOMF_TRANSFERASE_ACTIVITY_TRANSFERRING_ALKYL_OR_ARYL_OTHER_THAN_METHYL_GROUPS, GOMF_TRANSFERASE_ACTIVITY_TRANSFERRING_ALKYL_OR_ARYL_OTHER_THAN_METHYL_GROUPS
                                                                                  GOBP_REGULATION_OF_DENDRITE_DEVELOPMENT, GOBP_REGULATION_OF_DENDRITE_DEVELOPMENT
                                                                                   GOBP_MITOCHONDRIAL_FUSION, GOBP_MITOCHONDRIAL_FUSION
                                                                                  GOBP_NEGATIVE_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY
                                                                                   MODULE_530, MODULE_530
                                                                                   GOCC_EXOCYST, GOCC_EXOCYST
                                                                                   CAGNYGKNAAA UNKNOWN, CAGNYGKNAAA UNKNOWN
                                                                                   HP_PSEUDOBULBAR_SIGNS, HP_PSEUDOBULBAR_SIGNS
                                                                                   MIR576_3P, MIR576_3P
                                                                                   GOBP_RELEASE_OF_CYTOCHROME_C_FROM_MITOCHONDRIA, GOBP_RELEASE_OF_CYTOCHROME_C_FROM_MITOCHONDRIA
                                                                                   MURAKAMI_UV_RESPONSE_6HR_UP, MURAKAMI_UV_RESPONSE_6HR_UP
                                                                                   GOBP_REGULATION_OF_JNK_CASCADE, GOBP_REGULATION_OF_JNK_CASCADE
                                                                                   LIU_LIVER_CANCER, LIU_LIVER_CANCER
                                                                                   REACTOME_HSP90_CHAPERONE_CYCLE_FOR_STEROID_HORMONE_RECEPTORS_SHR, REACTOME_HSP90_CHAPERONE_CYCLE_FOR_STEROID_HORMONE_RECEPTORS_SHR
                                                                                   ZNF582_TARGET_GENES, ZNF582_TARGET_GENES
                                                                                   MODULE_285, MODULE_285
                                                                                   GOBP_REGULATION_OF_T_CELL_DIFFERENTIATION_IN_THYMUS, GOBP_REGULATION_OF_T_CELL_DIFFERENTIATION_IN_THYMUS
                                                                                  MANN_RESPONSE_TO_AMIFOSTINE_UP, MANN_RESPONSE_TO_AMIFOSTINE_UP
                                                                                  GOBP_RESPONSE_TO_ACTIVITY, GOBP_RESPONSE_TO_ACTIVITY
                                                                                   SANSOM_WNT_PATHWAY_REQUIRE_MYC, SANSOM_WNT_PATHWAY_REQUIRE_MYC
                                                                                   GOCC_NUCLEAR_OUTER_MEMBRANE, GOCC_NUCLEAR_OUTER_MEMBRANE
                                                                                   GOMF_TBP_CLASS_PROTEIN_BINDING, GOMF_TBP_CLASS_PROTEIN_BINDING
                                                                                   GOBP_POSITIVE_REGULATION_OF_CELL_MORPHOGENESIS_INVOLVED_IN_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_CELL_MORPHOGENESIS_INVOLVED_IN_DIFFERENTIATION
                                                                                   GOCC_GEMINI_OF_COILED_BODIES, GOCC_GEMINI_OF_COILED_BODIES
                                                                                    HU_GENOTOXIC_DAMAGE_24HR, HU_GENOTOXIC_DAMAGE_24HR
                                                                                   GOBP_PHOSPHOLIPID_CATABOLIC_PROCESS, GOBP_PHOSPHOLIPID_CATABOLIC_PROCESS
                                                                                   GOBP_NEGATIVE_REGULATION_OF_MAPK_CASCADE, GOBP_NEGATIVE_REGULATION_OF_MAPK_CASCADE
                                                                                   GOCC_AGGRESOME, GOCC_AGGRESOME
                                                                                  GOMF_ANTIOXIDANT_ACTIVITY, GOMF_ANTIOXIDANT_ACTIVITY
                                                                                   GOBP_GLYCEROPHOSPHOLIPID_CATABOLIC_PROCESS, GOBP_GLYCEROPHOSPHOLIPID_CATABOLIC_PROCESS
                                                                                   REACTOME_TRISTETRAPROLIN_TTP_ZFP36_BINDS_AND_DESTABILIZES_MRNA, REACTOME_TRISTETRAPROLIN_TTP_ZFP36_BINDS_AND_DESTABILIZES_MRNA
                                                                                   HP_ABNORMAL_NASAL_BASE, HP_ABNORMAL_NASAL_BASE
                                                                                   GOCC_MICOS_COMPLEX, GOCC_MICOS_COMPLEX
                                                                                   GOMF_HSP70_PROTEIN_BINDING, GOMF_HSP70_PROTEIN_BINDING
                                                                                   GOCC_SMN_COMPLEX, GOCC_SMN_COMPLEX
                                                                                   GCM_DPF2, GCM_DPF2
                                                                                   GOBP_MITOCHONDRIAL_CALCIUM_ION_HOMEOSTASIS, GOBP_MITOCHONDRIAL_CALCIUM_ION_HOMEOSTASIS
                                                                                   GOBP_PROTEIN_AUTOPROCESSING, GOBP_PROTEIN_AUTOPROCESSING
                                                                                  WP_BMP_SIGNALING_PATHWAY_IN_EYELID_DEVELOPMENT, WP_BMP_SIGNALING_PATHWAY_IN_EYELID_DEVELOPMENT
                                                                                   MIR6874_5P, MIR6874_5P
                                                                                   HP_BILATERAL_MICROPHTHALMOS, HP_BILATERAL_MICROPHTHALMOS
                                                                                   MORF_PRKACA, MORF_PRKACA
                                                                                    SABATES_COLORECTAL_ADENOMA_SIZE_UP, SABATES_COLORECTAL_ADENOMA_SIZE_UP
                                                                                   HP_GAZE_EVOKED_NYSTAGMUS, HP_GAZE_EVOKED_NYSTAGMUS
                                                                                   POS_RESPONSE_TO_HISTAMINE_DN, POS_RESPONSE_TO_HISTAMINE_DN
                                                                                   GOCC_AXONAL_GROWTH_CONE, GOCC_AXONAL_GROWTH_CONE
                                                                                   REACTOME_NEGATIVE_REGULATION_OF_MAPK_PATHWAY, REACTOME_NEGATIVE_REGULATION_OF_MAPK_PATHWAY
                                                                                   MIR6741_5P, MIR6741_5P
                                                                                   HP_DECREASED_CIRCULATING_PROGESTERONE, HP_DECREASED_CIRCULATING_PROGESTERONE
                                                                                   HP_CONGENITAL_MICROCEPHALY, HP_CONGENITAL_MICROCEPHALY
                                                                                   WP_ONE_CARBON_METABOLISM_AND_RELATED_PATHWAYS, WP_ONE_CARBON_METABOLISM_AND_RELATED_PATHWAYS
                                                                                   GOBP_LUNG_EPITHELIUM_DEVELOPMENT, GOBP_LUNG_EPITHELIUM_DEVELOPMENT
                                                                                   GOBP_SMALL_NUCLEOLAR_RIBONUCLEOPROTEIN_COMPLEX_ASSEMBLY, GOBP_SMALL_NUCLEOLAR_RIBONUCLEOPROTEIN_COMPLEX_ASSEMBLY
                                                                                   HP_HAND_TREMOR, HP_HAND_TREMOR
                                                                                   GOBP_CALCIUM_IMPORT_INTO_THE_MITOCHONDRION, GOBP_CALCIUM_IMPORT_INTO_THE_MITOCHONDRION
                                                                                    HP_ABNORMAL_CIRCULATING_BRANCHED_CHAIN_AMINO_ACID_CONCENTRATION, HP_ABNORMAL_CIRCULATING_BRANCHED_CHAIN_AMINO_ACID_CONCENTRATION
                                                                                   MODULE 366, MODULE 366
                                                                                   FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_3DY_POSITIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_3DY_POSITIVE
                                                                                   STARK_HYPPOCAMPUS_22Q11_DELETION_DN, STARK_HYPPOCAMPUS_22Q11_DELETION_DN
                                                                                   YUAN_ZNF143_PARTNERS, YUAN_ZNF143_PARTNERS
                                                                                  GOMF_PHOSPHATIDYLINOSITOL_4_PHOSPHATE_BINDING, GOMF_PHOSPHATIDYLINOSITOL_4_PHOSPHATE_BINDING
                                                                                   GOBP_POSITIVE_REGULATION_OF_DENDRITIC_SPINE_MORPHOGENESIS, GOBP_POSITIVE_REGULATION_OF_DENDRITIC_SPINE_MORPHOGENESIS
                                                                                   MIR7160_3P, MIR7160_3P
                                                                                   GOCC_UBIQUITIN_CONJUGATING_ENZYME_COMPLEX, GOCC_UBIQUITIN_CONJUGATING_ENZYME_COMPLEX
                                                                                   GOCC_TORC1_COMPLEX, GOCC_TORC1_COMPLEX
                                                                                   GOCC_GROWTH_CONE_MEMBRANE, GOCC_GROWTH_CONE_MEMBRANE
                                                                                   GOBP_INTRACELLULAR_LIPID_TRANSPORT, GOBP_INTRACELLULAR_LIPID_TRANSPORT
                                                                                   GOMF_TUMOR_NECROSIS_FACTOR_RECEPTOR_BINDING, GOMF_TUMOR_NECROSIS_FACTOR_RECEPTOR_BINDING
                                                                                   REACTOME_BUTYRATE_RESPONSE_FACTOR_1_BRF1_BINDS_AND_DESTABILIZES_MRNA, REACTOME_BUTYRATE_RESPONSE_FACTOR_1_BRF1_BINDS_AND_DESTABILIZES_MRNA
                                                                                  GOBP_POSITIVE_REGULATION_OF_LAMELLIPODIUM_ORGANIZATION, GOBP_POSITIVE_REGULATION_OF_LAMELLIPODIUM_ORGANIZATION
                                                                                   GOMF_THIOESTERASE_BINDING, GOMF_THIOESTERASE_BINDING
                                                                                   HP_APLASIA_INVOLVING_BONES_OF_THE_EXTREMITIES, HP_APLASIA_INVOLVING_BONES_OF_THE_EXTREMITIES
                                                                                  GOBP_REGULATION_OF_RUFFLE_ASSEMBLY, GOBP_REGULATION_OF_RUFFLE_ASSEMBLY
                                                                                   MIR4707_5P, MIR4707_5P
                                                                                   HP_PRIMARY_GONADAL_INSUFFICIENCY, HP_PRIMARY_GONADAL_INSUFFICIENCY
                                                                                  GOBP_NEGATIVE_REGULATION_OF_FAT_CELL_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_FAT_CELL_DIFFERENTIATION
                                                                                   HP_TEMPORAL_PATTERN, HP_TEMPORAL_PATTERN
                                                                                  GOBP_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_CELL_DEATH, GOBP_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_CELL_DEATH
                                                                                  GOMF_ACID_PHOSPHATASE_ACTIVITY, GOMF_ACID_PHOSPHATASE_ACTIVITY
                                                                                   BERTUCCI INVASIVE CARCINOMA DUCTAL VS LOBULAR UP, BERTUCCI INVASIVE CARCINOMA DUCTAL VS LOBULAR UP
                                                                                   GOBP ESTABLISHMENT OF MITOCHONDRION LOCALIZATION, GOBP ESTABLISHMENT OF MITOCHONDRION LOCALIZATION
                                                                                   HP_ABNORMAL_ANTERIOR_HORN_CELL_MORPHOLOGY, HP_ABNORMAL_ANTERIOR_HORN_CELL_MORPHOLOGY
                                                                                   KEGG_ABC_TRANSPORTERS, KEGG_ABC_TRANSPORTERS
                                                                                   GOBP_OLIGODENDROCYTE_DIFFERENTIATION, GOBP_OLIGODENDROCYTE_DIFFERENTIATION
                                                                                   HP_CESSATION_OF_HEAD_GROWTH, HP_CESSATION_OF_HEAD_GROWTH
                                                                                   GOBP_MAINTENANCE_OF_DNA_METHYLATION, GOBP_MAINTENANCE_OF_DNA_METHYLATION
                                                                                   HP_APLASIA_HYPOPLASIA_OF_THE_PHALANGES_OF_THE_HALLUX, HP_APLASIA_HYPOPLASIA_OF_THE_PHALANGES_OF_THE_HALLUX
                                                                                   GOCC NUCLEAR INCLUSION BODY, GOCC NUCLEAR INCLUSION BODY
                                                                                  GOMF_PHOSPHOLIPASE_A2_ACTIVITY, GOMF_PHOSPHOLIPASE_A2_ACTIVITY
                                                                                   GOBP_SOMITE_DEVELOPMENT, GOBP_SOMITE_DEVELOPMENT
                                                                                   GOBP NEGATIVE REGULATION OF RELEASE OF CYTOCHROME C FROM MITOCHONDRIA, GOBP NEGATIVE REGULATION OF RELEASE OF CYTOCHROME C FROM MITOCHONDRIA
                                                                                   HP_SLEEP_WAKE_CYCLE_DISTURBANCE, HP_SLEEP_WAKE_CYCLE_DISTURBANCE
                                                                                   REACTOME CA DEPENDENT EVENTS, REACTOME CA DEPENDENT EVENTS
                                                                                   HP ABNORMAL PLATELET AGGREGATION, HP ABNORMAL PLATELET AGGREGATION
                                                                                   DHIMAN_PBMC_ATTENUVAX_AGE_15_25YO_SUBQ_7_OR_14DY_DN, DHIMAN_PBMC_ATTENUVAX_AGE_15_25YO_SUBQ_7_OR_14DY_DN
                                                                                   GOCC_EXTRINSIC_COMPONENT_OF_MITOCHONDRIAL_INNER_MEMBRANE, GOCC_EXTRINSIC_COMPONENT_OF_MITOCHONDRIAL_INNER_MEMBRANE
                                                                                   GOBP_MEMBRANE_FISSION, GOBP_MEMBRANE_FISSION
                                                                                   HP_ABNORMAL_PROXIMAL_PHALANX_MORPHOLOGY_OF_THE_HAND, HP_ABNORMAL_PROXIMAL_PHALANX_MORPHOLOGY_OF_THE_HAND
                                                                                  GOBP_OLIGODENDROCYTE_DEVELOPMENT, GOBP_OLIGODENDROCYTE_DEVELOPMENT
                                                                                   GOMF_THIOREDOXIN_DISULFIDE_REDUCTASE_ACTIVITY, GOMF_THIOREDOXIN_DISULFIDE_REDUCTASE_ACTIVITY
                                                                                   HP_PSEUDOBULBAR_PARALYSIS, HP_PSEUDOBULBAR_PARALYSIS
                                                                                   GOBP_RESPONSE_TO_COPPER_ION, GOBP_RESPONSE_TO_COPPER_ION
                                                                                   GOMF PHOSPHOLIPASE A2 ACTIVITY CONSUMING 1 2 DIPALMITOYLPHOSPHATIDYLCHOLINE, GOMF PHOSPHOLIPASE A2 ACTIVITY CONSUMING 1 2 DIPALMITOYLPHOSPHATIDYLCHOLINE
                                                                                  GOBP_MODULATION_BY_SYMBIONT_OF_HOST_APOPTOTIC_PROCESS, GOBP_MODULATION_BY_SYMBIONT_OF_HOST_APOPTOTIC_PROCESS
                                                                                   GOBP_POSITIVE_REGULATION_OF_DENDRITE_MORPHOGENESIS, GOBP_POSITIVE_REGULATION_OF_DENDRITE_MORPHOGENESIS
                                                                                   GOBP_REGULATION_OF_CHOLESTEROL_EFFLUX, GOBP_REGULATION_OF_CHOLESTEROL_EFFLUX
                                                                                  GOBP_DNA_METHYLATION_DEPENDENT_HETEROCHROMATIN_ASSEMBLY, GOBP_DNA_METHYLATION_DEPENDENT_HETEROCHROMATIN_ASSEMBLY
                                                                                  GOBP_REGULATION_OF_GLUCOCORTICOID_METABOLIC_PROCESS, GOBP_REGULATION_OF_GLUCOCORTICOID_METABOLIC_PROCESS
                                                                                   GOBP_REGULATION_OF_LIPID_TRANSPORT, GOBP_REGULATION_OF_LIPID_TRANSPORT
                                                                                   GOBP_ICOSANOID_BIOSYNTHETIC_PROCESS, GOBP_ICOSANOID_BIOSYNTHETIC_PROCESS
                                                                                  GOBP_CYTOPLASMIC_SEQUESTERING_OF_PROTEIN, GOBP_CYTOPLASMIC_SEQUESTERING_OF_PROTEIN
                                                                                   GOCC_CILIARY_ROOTLET, GOCC_CILIARY_ROOTLET
                                                                                   GOBP_VERY_LONG_CHAIN_FATTY_ACID_CATABOLIC_PROCESS, GOBP_VERY_LONG_CHAIN_FATTY_ACID_CATABOLIC_PROCESS
                                                                                  REACTOME_PRE_NOTCH_PROCESSING_IN_THE_ENDOPLASMIC_RETICULUM, REACTOME_PRE_NOTCH_PROCESSING_IN_THE_ENDOPLASMIC_RETICULUM
                                                                                   GOMF_PHOSPHATIDIC_ACID_BINDING, GOMF_PHOSPHATIDIC_ACID_BINDING
                                                                                   GOBP_PROSTANOID_BIOSYNTHETIC_PROCESS, GOBP_PROSTANOID_BIOSYNTHETIC_PROCESS
                                                                                   HP PERIPHERAL HYPOMYELINATION, HP PERIPHERAL HYPOMYELINATION
                                                                                   GOBP_GLOMERULAR_EPITHELIAL_CELL_DEVELOPMENT, GOBP_GLOMERULAR_EPITHELIAL_CELL_DEVELOPMENT
                                                                                   GOBP_POSITIVE_REGULATION_OF_DENDRITE_DEVELOPMENT, GOBP_POSITIVE_REGULATION_OF_DENDRITE_DEVELOPMENT
                                                                                   MIR6885 5P, MIR6885 5P
                                                                                   GOBP_REGULATION_OF_MODIFICATION_OF_SYNAPTIC_STRUCTURE, GOBP_REGULATION_OF_MODIFICATION_OF_SYNAPTIC_STRUCTURE
                                                                                   GOBP_DEADENYLATION_DEPENDENT_DECAPPING_OF_NUCLEAR_TRANSCRIBED_MRNA, GOBP_DEADENYLATION_DEPENDENT_DECAPPING_OF_NUCLEAR_TRANSCRIBED_MRNA
                                                                                   GOBP_NEGATIVE_REGULATION_OF_MESENCHYMAL_CELL_APOPTOTIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_MESENCHYMAL_CELL_APOPTOTIC_PROCESS
                                                                                   GOMF_NON_MEMBRANE_SPANNING_PROTEIN_TYROSINE_PHOSPHATASE_ACTIVITY, GOMF_NON_MEMBRANE_SPANNING_PROTEIN_TYROSINE_PHOSPHATASE_ACTIVITY
                                                                                   GOBP_SKELETAL_MUSCLE_SATELLITE_CELL_ACTIVATION, GOBP_SKELETAL_MUSCLE_SATELLITE_CELL_ACTIVATION
                                                                                   GOCC_FLOTILLIN_COMPLEX, GOCC_FLOTILLIN_COMPLEX
                                                                                   GOCC AP 1 ADAPTOR COMPLEX, GOCC AP 1 ADAPTOR COMPLEX
                                                                                   GOBP_UNSATURATED_FATTY_ACID_BIOSYNTHETIC_PROCESS, GOBP_UNSATURATED_FATTY_ACID_BIOSYNTHETIC_PROCESS
                                                                                   GOBP_NEGATIVE_REGULATION_OF_PROTEIN_AUTOPHOSPHORYLATION, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_AUTOPHOSPHORYLATION
                                                                                    MIR4453, MIR4453
                                                                                   HP_RESPIRATORY_INSUFFICIENCY_DUE_TO_DEFECTIVE_CILIARY_CLEARANCE, HP_RESPIRATORY_INSUFFICIENCY_DUE_TO_DEFECTIVE_CILIARY_CLEARANCE
                                                                                    HP_APLASIA_HYPOPLASIA_OF_THE_PROXIMAL_PHALANGES_OF_THE_HAND, HP_APLASIA_HYPOPLASIA_OF_THE_PROXIMAL_PHALANGES_OF_THE_HAND
                                                                                    HP_APLASIA_OF_THE_PHALANGES_OF_THE_HAND, HP_APLASIA_OF_THE_PHALANGES_OF_THE_HAND
                                                                                   WHITESIDE_CISPLATIN_RESISTANCE_DN, WHITESIDE_CISPLATIN_RESISTANCE_DN
                                                                                   MODULE_414, MODULE_414
                                                                                   HP_IRIDOCYCLITIS, HP_IRIDOCYCLITIS
                                                                                   HP_ABNORMAL_GLOMERULAR_MESANGIUM_MORPHOLOGY, HP_ABNORMAL_GLOMERULAR_MESANGIUM_MORPHOLOGY
_VS_EFFECTOR_CD8_TCELL_DN, GSE41867_NAIVE_VS_EFFECTOR_CD8_TCELL_DN
                                                                                   HP_DUODENAL_ULCER, HP_DUODENAL_ULCER
                                                                                   GOBP_NEGATIVE_REGULATION_OF_COLLATERAL_SPROUTING, GOBP_NEGATIVE_REGULATION_OF_COLLATERAL_SPROUTING
                                                                                   GOBP_AMINO_ACID_BETAINE_BIOSYNTHETIC_PROCESS, GOBP_AMINO_ACID_BETAINE_BIOSYNTHETIC_PROCESS
                                                                                   SUZUKI_CTCFL_TARGETS_UP, SUZUKI_CTCFL_TARGETS_UP
                                                                                   VALK_AML_WITH_T_8_21_TRANSLOCATION, VALK_AML_WITH_T_8_21_TRANSLOCATION
                                                                                   GOBP_COP9_SIGNALOSOME_ASSEMBLY, GOBP_COP9_SIGNALOSOME_ASSEMBLY
                                                                                   GOBP_POSITIVE_REGULATION_OF_MYELOID_CELL_APOPTOTIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_MYELOID_CELL_APOPTOTIC_PROCESS
                                                                                   GROSS_HYPOXIA_VIA_HIF1A_ONLY, GROSS_HYPOXIA_VIA_HIF1A_ONLY
                                                                                   HP_ABSENT_NIPPLE, HP_ABSENT_NIPPLE
                                                                                   GOBP_NEGATIVE_REGULATION_OF_CHOLESTEROL_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_CHOLESTEROL_METABOLIC_PROCESS
                                                                                    GOCC_HAUS_COMPLEX, GOCC_HAUS_COMPLEX
                                                                                   GOMF_M7G_5_PPPN_DIPHOSPHATASE_ACTIVITY, GOMF_M7G_5_PPPN_DIPHOSPHATASE_ACTIVITY
                                                                                   GOBP_CYSTEINE_METABOLIC_PROCESS, GOBP_CYSTEINE_METABOLIC_PROCESS
                                                                                   HP_ABNORMALITY_OF_THE_FIRST_METATARSAL_BONE, HP_ABNORMALITY_OF_THE_FIRST_METATARSAL_BONE
                                                                                   GOBP_PROSTATIC_BUD_FORMATION, GOBP_PROSTATIC_BUD_FORMATION
                                                                                   HP_APLASIA_INVOLVING_BONES_OF_THE_LOWER_LIMBS, HP_APLASIA_INVOLVING_BONES_OF_THE_LOWER_LIMBS
                                                                                   GOBP_FIBROBLAST_ACTIVATION, GOBP_FIBROBLAST_ACTIVATION
                                                                                  GOMF_FK506_BINDING, GOMF_FK506_BINDING
                                                                                   GOBP_NEUROBLAST_PROLIFERATION, GOBP_NEUROBLAST_PROLIFERATION
                                                                                   GOBP_MYELIN_MAINTENANCE, GOBP_MYELIN_MAINTENANCE
                                                                                   GOBP_GLYCEROLIPID_CATABOLIC_PROCESS, GOBP_GLYCEROLIPID_CATABOLIC_PROCESS
                                                                                   JIANG_TIP30_TARGETS_DN, JIANG_TIP30_TARGETS_DN
                                                                                   GOBP_NEGATIVE_REGULATION_OF_PLATELET_DERIVED_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_PLATELET_DERIVED_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY
                                                                                   GOBP_LIPID_GLYCOSYLATION, GOBP_LIPID_GLYCOSYLATION
                                                                                   REACTOME_TICAM1_DEPENDENT_ACTIVATION_OF_IRF3_IRF7, REACTOME_TICAM1_DEPENDENT_ACTIVATION_OF_IRF3_IRF7
                                                                                  HP_TRACHEOBRONCHOMALACIA, HP_TRACHEOBRONCHOMALACIA
                                                                                  HP_HYPOGLYCORRHACHIA, HP_HYPOGLYCORRHACHIA
                                                                                   GOBP_RESPONSE_TO_DISACCHARIDE, GOBP_RESPONSE_TO_DISACCHARIDE
                                                                                  REACTOME_ACYL_CHAIN_REMODELING_OF_CL, REACTOME_ACYL_CHAIN_REMODELING_OF_CL
                                                                                  GOBP_ANTERIOR_HEAD_DEVELOPMENT, GOBP_ANTERIOR_HEAD_DEVELOPMENT
                                                                                   GOMF_MRF_BINDING, GOMF_MRF_BINDING
                                                                                   GOCC_FILOPODIUM_TIP, GOCC_FILOPODIUM_TIP
                                                                                   HP_LIMB_FASCICULATIONS, HP_LIMB_FASCICULATIONS
                                                                                   GOMF_3_KETO_STEROL_REDUCTASE_ACTIVITY, GOMF_3_KETO_STEROL_REDUCTASE_ACTIVITY
                                                                                   GOMF_CARBONYL_REDUCTASE_NADPH_ACTIVITY, GOMF_CARBONYL_REDUCTASE_NADPH_ACTIVITY
                                                                                   GOBP_NEGATIVE_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_MITOCHONDRION, GOBP_NEGATIVE_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_MITOCHONDRION
                                                                                   GOBP_NEUROFILAMENT_CYTOSKELETON_ORGANIZATION, GOBP_NEUROFILAMENT_CYTOSKELETON_ORGANIZATION
                                                                                   GOMF_DEAD_H_BOX_RNA_HELICASE_BINDING, GOMF_DEAD_H_BOX_RNA_HELICASE_BINDING
                                                                                   GOMF_GDP_DISSOCIATION_INHIBITOR_ACTIVITY, GOMF_GDP_DISSOCIATION_INHIBITOR_ACTIVITY
                                                                                   GOMF_PHOSPHATIDYL_PHOSPHOLIPASE_B_ACTIVITY, GOMF_PHOSPHATIDYL_PHOSPHOLIPASE_B_ACTIVITY
                                                                                  chr3q23, chr3q23
                                                                                   MIR6769A_3P, MIR6769A_3P
                                                                                   GOMF_PHOSPHATIDYLETHANOLAMINE_BINDING, GOMF_PHOSPHATIDYLETHANOLAMINE_BINDING
                                                                                   HP_PARTIAL_ABSENCE_OF_THUMB, HP_PARTIAL_ABSENCE_OF_THUMB
                                                                                   GOBP_TRANSLATIONAL_READTHROUGH, GOBP_TRANSLATIONAL_READTHROUGH
                                                                                   GOBP_REGULATION_OF_NODAL_SIGNALING_PATHWAY, GOBP_REGULATION_OF_NODAL_SIGNALING_PATHWAY
                                                                                   GOCC_SMAD_PROTEIN_COMPLEX, GOCC_SMAD_PROTEIN_COMPLEX
                                                                                   GOBP_NEGATIVE_REGULATION_OF_MACROPHAGE_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_MACROPHAGE_DIFFERENTIATION
                                                                                   GOBP_HINDGUT_DEVELOPMENT, GOBP_HINDGUT_DEVELOPMENT
                                                                                   GOBP_BERGMANN_GLIAL_CELL_DIFFERENTIATION, GOBP_BERGMANN_GLIAL_CELL_DIFFERENTIATION
                                                                                   GOBP_REGULATION_OF_VOLTAGE_GATED_SODIUM_CHANNEL_ACTIVITY, GOBP_REGULATION_OF_VOLTAGE_GATED_SODIUM_CHANNEL_ACTIVITY
                                                                                   ZNF626_TARGET_GENES, ZNF626_TARGET_GENES
                                                                                   GOBP_CELL_CELL_ADHESION_INVOLVED_IN_GASTRULATION, GOBP_CELL_CELL_ADHESION_INVOLVED_IN_GASTRULATION
                                                                                   HP_APLASIA_OF_THE_PHALANGES_OF_THE_TOES, HP_APLASIA_OF_THE_PHALANGES_OF_THE_TOES
                                                                                  GOBP_HEPATIC_STELLATE_CELL_ACTIVATION, GOBP_HEPATIC_STELLATE_CELL_ACTIVATION
                                                                                  HP_HAMSTRING_CONTRACTURES, HP_HAMSTRING_CONTRACTURES
                                                                                   GOMF_C3HC4_TYPE_RING_FINGER_DOMAIN_BINDING, GOMF_C3HC4_TYPE_RING_FINGER_DOMAIN_BINDING
                                                                                  MOTAMED_RESPONSE_TO_ANDROGEN_DN, MOTAMED_RESPONSE_TO_ANDROGEN_DN
                                                                                   HP_GASTRIC_ULCER, HP_GASTRIC_ULCER
                                                                                   GOBP_POSITIVE_REGULATION_OF_CAMP_DEPENDENT_PROTEIN_KINASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_CAMP_DEPENDENT_PROTEIN_KINASE_ACTIVITY
                                                                                  GOBP_PROSTANOID_METABOLIC_PROCESS, GOBP_PROSTANOID_METABOLIC_PROCESS
                                                                                   GOBP_INTERMEDIATE_FILAMENT_BASED_PROCESS, GOBP_INTERMEDIATE_FILAMENT_BASED_PROCESS
                                                                                   HP_ABSENT_SHORTENED_DYNEIN_ARMS, HP_ABSENT_SHORTENED_DYNEIN_ARMS
                                                                                  GOBP_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION, GOBP_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION
                                                                                   GOBP_SOMITOGENESIS, GOBP_SOMITOGENESIS
                                                                                   GOMF_O_ACYLTRANSFERASE_ACTIVITY, GOMF_O_ACYLTRANSFERASE_ACTIVITY
                                                                                   GOBP_SKELETAL_MUSCLE_CELL_PROLIFERATION, GOBP_SKELETAL_MUSCLE_CELL_PROLIFERATION
                                                                                   WP_BMP2WNT4FOXO1_PATHWAY_IN_HUMAN_PRIMARY_ENDOMETRIAL_STROMAL_CELL_DIFFERENTIATION, WP_BMP2WNT4FOXO1_PATHWAY_IN_HUMAN_PRIMARY_ENDOMETRIAL_STROMAL_CELL_DIFFERENTIATION
                                                                                   GOMF_PHOSPHATIDYLGLYCEROL_BINDING, GOMF_PHOSPHATIDYLGLYCEROL_BINDING
                                                                                   BIOCARTA_AMAN_PATHWAY, BIOCARTA_AMAN_PATHWAY
                                                                                   GOBP_POSITIVE_REGULATION_OF_RUFFLE_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_RUFFLE_ASSEMBLY
                                                                                   REACTOME_N_GLYCAN_ANTENNAE_ELONGATION, REACTOME_N_GLYCAN_ANTENNAE_ELONGATION
                                                                                  GOBP_NEGATIVE_REGULATION_OF_JUN_KINASE_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_JUN_KINASE_ACTIVITY
                                                                                   GOBP_REGULATION_OF_STEROL_TRANSPORT, GOBP_REGULATION_OF_STEROL_TRANSPORT
                                                                                   GOBP_LIMB_BUD_FORMATION, GOBP_LIMB_BUD_FORMATION
                                                                                   GOMF_CARDIOLIPIN_BINDING, GOMF_CARDIOLIPIN_BINDING
                                                                                   HP_ABSENT_OUTER_DYNEIN_ARMS, HP_ABSENT_OUTER_DYNEIN_ARMS
                                                                                   GOBP_REGULATION_OF_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY, GOBP_REGULATION_OF_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY
                                                                                   GOMF_NUCLEOTIDASE_ACTIVITY, GOMF_NUCLEOTIDASE_ACTIVITY
                                                                                   GOBP_NEGATIVE_REGULATION_OF_SMOOTH_MUSCLE_CONTRACTION, GOBP_NEGATIVE_REGULATION_OF_SMOOTH_MUSCLE_CONTRACTION
                                                                                   GOBP_MONOACYLGLYCEROL_METABOLIC_PROCESS, GOBP_MONOACYLGLYCEROL_METABOLIC_PROCESS
                                                                                   ZHAN_MULTIPLE_MYELOMA_MF_UP, ZHAN_MULTIPLE_MYELOMA_MF_UP
                                                                                   ZEILSTRA_CD44_TARGETS_DN, ZEILSTRA_CD44_TARGETS_DN
                                                                                    BIOCARTA_FLUMAZENIL_PATHWAY, BIOCARTA_FLUMAZENIL_PATHWAY
                                                                                   GOBP_PLATELET_DENSE_GRANULE_ORGANIZATION, GOBP_PLATELET_DENSE_GRANULE_ORGANIZATION
                                                                                   GOCC_NLRP3_INFLAMMASOME_COMPLEX, GOCC_NLRP3_INFLAMMASOME_COMPLEX
                                                                                   GOBP_SPHINGOMYELIN_CATABOLIC_PROCESS, GOBP_SPHINGOMYELIN_CATABOLIC_PROCESS
                                                                                   MIR6765_5P, MIR6765_5P
                                                                                   HP_CONGENITAL_BILATERAL_HIP_DISLOCATION, HP_CONGENITAL_BILATERAL_HIP_DISLOCATION
                                                                                   HP_APLASIA_OF_THE_PROXIMAL_PHALANGES_OF_THE_HAND, HP_APLASIA_OF_THE_PROXIMAL_PHALANGES_OF_THE_HAND
                                                                                   MIR181A_3P, MIR181A_3P
                                                                                   HP_THORACOLUMBAR_KYPHOSCOLIOSIS, HP_THORACOLUMBAR_KYPHOSCOLIOSIS
                                                                                    HP_RETICULAR_HYPERPIGMENTATION, HP_RETICULAR_HYPERPIGMENTATION
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GOBP MONOACYLGLYCEROL BIOSYNTHETIC PROCESS, GOBP MONOACYLGLYCEROL BIOSYNTHETIC PROCESS
GOMF_CALCIUM_DEPENDENT_PROTEIN_SERINE_THREONINE_PHOSPHATASE_ACTIVITY, GOMF_CALCIUM_DEPENDENT_PROTEIN_SERINE_THREONINE_PHOSPHATASE_ACTIVITY
REACTOME_LOSS_OF_MECP2_BINDING_ABILITY_TO_THE_NCOR_SMRT_COMPLEX, REACTOME_LOSS_OF_MECP2_BINDING_ABILITY_TO_THE_NCOR_SMRT_COMPLEX
HP_ESOPHAGEAL_ULCERATION, HP_ESOPHAGEAL_ULCERATION
GOBP_DETERMINATION_OF_LEFT_RIGHT_ASYMMETRY_IN_LATERAL_MESODERM, GOBP_DETERMINATION_OF_LEFT_RIGHT_ASYMMETRY_IN_LATERAL_MESODERM
GOBP_CARDIOLIPIN_ACYL_CHAIN_REMODELING, GOBP_CARDIOLIPIN_ACYL_CHAIN_REMODELING
GOMF_1_ACYLGLYCEROPHOSPHOCHOLINE_O_ACYLTRANSFERASE_ACTIVITY, GOMF_1_ACYLGLYCEROPHOSPHOCHOLINE_O_ACYLTRANSFERASE_ACTIVITY
GOMF_CERAMIDE_1_PHOSPHATE_BINDING, GOMF_CERAMIDE_1_PHOSPHATE_BINDING
GOBP_REGULATION_OF_LEUKOCYTE_TETHERING_OR_ROLLING, GOBP_REGULATION_OF_LEUKOCYTE_TETHERING_OR_ROLLING
GOBP_NEUROBLAST_DIVISION, GOBP_NEUROBLAST_DIVISION
GOBP_NEGATIVE_REGULATION_OF_JNK_CASCADE, GOBP_NEGATIVE_REGULATION_OF_JNK_CASCADE
HP_IMMOTILE_SPERM, HP_IMMOTILE_SPERM
MATZUK_PREOVULATORY_FOLLICLE, MATZUK_PREOVULATORY_FOLLICLE
HP_RECURRENT_CORNEAL_EROSIONS, HP_RECURRENT_CORNEAL_EROSIONS
GOBP_REGULATION_OF_GRANULOCYTE_DIFFERENTIATION, GOBP_REGULATION_OF_GRANULOCYTE_DIFFERENTIATION
HINATA_NFKB_MATRIX, HINATA_NFKB_MATRIX
 PID_ALK2_PATHWAY, PID_ALK2_PATHWAY
WP_DOPAMINE_METABOLISM, WP_DOPAMINE_METABOLISM
WP_PRADERWILLI_AND_ANGELMAN_SYNDROME, WP_PRADERWILLI_AND_ANGELMAN_SYNDROME
GOBP_POSITIVE_REGULATION_OF_IMMATURE_T_CELL_PROLIFERATION, GOBP_POSITIVE_REGULATION_OF_IMMATURE_T_CELL_PROLIFERATION
GOBP_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_SALIVARY_GLAND_MORPHOGENESIS, GOBP_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_SALIVARY_GLAND_MORPHOGENESIS
GOBP_PROTEIN_SIALYLATION, GOBP_PROTEIN_SIALYLATION
HP_SHORT_DISTAL_PHALANX_OF_TOE, HP_SHORT_DISTAL_PHALANX_OF_TOE
HP_4_5_TOE_SYNDACTYLY, HP_4_5_TOE_SYNDACTYLY
HP_INCREASED_FIBULAR_DIAMETER, HP_INCREASED_FIBULAR_DIAMETER
HP_GINGIVAL_RECESSION, HP_GINGIVAL_RECESSION
GOBP_PLATELET_DERIVED_GROWTH_FACTOR_RECEPTOR_ALPHA_SIGNALING_PATHWAY, GOBP_PLATELET_DERIVED_GROWTH_FACTOR_RECEPTOR_ALPHA_SIGNALING_PATHWAY
ZSCAN26_TARGET_GENES, ZSCAN26_TARGET_GENES
HP_ABSENT_STERNAL_OSSIFICATION, HP_ABSENT_STERNAL_OSSIFICATION
GOBP_POSITIVE_REGULATION_OF_NEURON_MATURATION, GOBP_POSITIVE_REGULATION_OF_NEURON_MATURATION
GOBP_CARNITINE_BIOSYNTHETIC_PROCESS, GOBP_CARNITINE_BIOSYNTHETIC_PROCESS
GOBP_SCLEROTOME_DEVELOPMENT, GOBP_SCLEROTOME_DEVELOPMENT
GOBP_REGULATION_OF_NODAL_SIGNALING_PATHWAY_INVOLVED_IN_DETERMINATION_OF_LEFT_RIGHT_ASYMMETRY, GOBP_REGULATION_OF_NODAL_SIGNALING_PATHWAY_INVOLVED_IN_DETERMINATION_OF_LEFT_RIGHT_ASYMMETRY
GOCC_CALCIUM_AND_CALMODULIN_DEPENDENT_PROTEIN_KINASE_COMPLEX, GOCC_CALCIUM_AND_CALMODULIN_DEPENDENT_PROTEIN_KINASE_COMPLEX
GOCC_CHECKPOINT_CLAMP_COMPLEX, GOCC_CHECKPOINT_CLAMP_COMPLEX
GOMF_SELENOCYSTEINE_INSERTION_SEQUENCE_BINDING, GOMF_SELENOCYSTEINE_INSERTION_SEQUENCE_BINDING
GOMF_SULFATE_BINDING, GOMF_SULFATE_BINDING
BIOCARTA_VOBESITY_PATHWAY, BIOCARTA_VOBESITY_PATHWAY
GOBP_NEUROENDOCRINE_CELL_DIFFERENTIATION, GOBP_NEUROENDOCRINE_CELL_DIFFERENTIATION
GOBP_REGULATION_OF_GLYCOGEN_STARCH_SYNTHASE_ACTIVITY, GOBP_REGULATION_OF_GLYCOGEN_STARCH_SYNTHASE_ACTIVITY
REACTOME_RELEASE_OF_HH_NP_FROM_THE_SECRETING_CELL, REACTOME_RELEASE_OF_HH_NP_FROM_THE_SECRETING_CELL
HP_SCHIZENCEPHALY, HP_SCHIZENCEPHALY
GOBP_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_PROSTATE_GLAND_DEVELOPMENT, GOBP_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_PROSTATE_GLAND_DEVELOPMENT
GOBP_CELLULAR_RESPONSE_TO_FOLLICLE_STIMULATING_HORMONE_STIMULUS, GOBP_CELLULAR_RESPONSE_TO_FOLLICLE_STIMULATING_HORMONE_STIMULUS
GOMF_PATCHED_BINDING, GOMF_PATCHED_BINDING
GOBP_PERIPHERAL_NERVOUS_SYSTEM_MYELIN_MAINTENANCE, GOBP_PERIPHERAL_NERVOUS_SYSTEM_MYELIN_MAINTENANCE
GOBP_TETRAHYDROBIOPTERIN_METABOLIC_PROCESS, GOBP_TETRAHYDROBIOPTERIN_METABOLIC_PROCESS
GOCC_INFLAMMASOME_COMPLEX, GOCC_INFLAMMASOME_COMPLEX
GOCC_ATPASE_DEPENDENT_TRANSMEMBRANE_TRANSPORT_COMPLEX, GOCC_ATPASE_DEPENDENT_TRANSMEMBRANE_TRANSPORT_COMPLEX
REACTOME_ACYL_CHAIN_REMODELLING_OF_PG, REACTOME_ACYL_CHAIN_REMODELLING_OF_PG
GOBP_REGULATION_OF_NEURON_MATURATION, GOBP_REGULATION_OF_NEURON_MATURATION
GOCC_SCAR_COMPLEX, GOCC_SCAR_COMPLEX
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WP_TGIF_DISRUPTION_OF_SHH_SIGNALING, WP_TGIF_DISRUPTION_OF_SHH_SIGNALING

REACTOME_MATURATION_OF_PROTEIN_3A, REACTOME_MATURATION_OF_PROTEIN_3A

GOBP_AUDITORY_RECEPTOR_CELL_MORPHOGENESIS, GOBP_AUDITORY_RECEPTOR_CELL_MORPHOGENESIS

GOMF_SPHINGOMYELIN_PHOSPHODIESTERASE_ACTIVITY, GOMF_SPHINGOMYELIN_PHOSPHODIESTERASE_ACTIVITY

HP_SHORTENING_OF_ALL_PHALANGES_OF_THE_TOES, HP_SHORTENING_OF_ALL_PHALANGES_OF_THE_TOES GOBP_REGULATION_OF_PROSTATIC_BUD_FORMATION, GOBP_REGULATION_OF_PROSTATIC_BUD_FORMATION

GOBP_REGULATION_OF_LIPID_TRANSPORTER_ACTIVITY, GOBP_REGULATION_OF_LIPID_TRANSPORTER_ACTIVITY

GOCC_ATP_BINDING_CASSETTE_ABC_TRANSPORTER_COMPLEX, GOCC_ATP_BINDING_CASSETTE_ABC_TRANSPORTER_COMPLEX

GOBP_REGULATION_OF_SKELETAL_MUSCLE_ADAPTATION, GOBP_REGULATION_OF_SKELETAL_MUSCLE_ADAPTATION

WP ACTIVATION OF NLRP3 INFLAMMASOME BY SARSCOV2, WP ACTIVATION OF NLRP3 INFLAMMASOME BY SARSCOV2

GOBP_RELAXATION_OF_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE, GOBP_RELAXATION_OF_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE

GOBP_CELL_MIGRATION_INVOLVED_IN_KIDNEY_DEVELOPMENT, GOBP_CELL_MIGRATION_INVOLVED_IN_KIDNEY_DEVELOPMENT

REACTOME_SODIUM_COUPLED_PHOSPHATE_COTRANSPORTERS, REACTOME_SODIUM_COUPLED_PHOSPHATE_COTRANSPORTERS

GOMF_ALCOHOL_DEHYDROGENASE_NAD_P_PLUS_ACTIVITY, GOMF_ALCOHOL_DEHYDROGENASE_NAD_P_PLUS_ACTIVITY

GOBP_NEGATIVE_REGULATION_OF_NEURON_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_NEURON_DIFFERENTIATION

GOBP_POSITIVE_REGULATION_OF_LAMELLIPODIUM_MORPHOGENESIS, GOBP_POSITIVE_REGULATION_OF_LAMELLIPODIUM_MORPHOGENESIS

REACTOME_RELEASE_OF_APOPTOTIC_FACTORS_FROM_THE_MITOCHONDRIA, REACTOME_RELEASE_OF_APOPTOTIC_FACTORS_FROM_THE_MITOCHONDRIA

GOBP_POSITIVE_REGULATION_OF_GLYCOGEN_STARCH_SYNTHASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_GLYCOGEN_STARCH_SYNTHASE_ACTIVITY

HP ABNORMAL GLOMERULAR BASEMENT MEMBRANE MORPHOLOGY, HP ABNORMAL GLOMERULAR BASEMENT MEMBRANE MORPHOLOGY

GOBP_NEGATIVE_REGULATION_OF_GRANULOCYTE_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_GRANULOCYTE_DIFFERENTIATION

GOBP_NEGATIVE_REGULATION_OF_MICROTUBULE_POLYMERIZATION, GOBP_NEGATIVE_REGULATION_OF_MICROTUBULE_POLYMERIZATION

GOBP_REGULATION_OF_DOPAMINERGIC_NEURON_DIFFERENTIATION, GOBP_REGULATION_OF_DOPAMINERGIC_NEURON_DIFFERENTIATION

GOBP_NEGATIVE_REGULATION_OF_LOW_DENSITY_LIPOPROTEIN_RECEPTOR_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_LOW_DENSITY_LIPOPROTEIN_RECEPTOR_ACTIVITY

GOBP_REGULATION_OF_CEREBELLAR_GRANULE_CELL_PRECURSOR_PROLIFERATION, GOBP_REGULATION_OF_CEREBELLAR_GRANULE_CELL_PRECURSOR_PROLIFERATION

GOBP_POSITIVE_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION, GOBP_POSITIVE_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION

GOBP_POSITIVE_REGULATION_OF_NEUROTROPHIN_TRK_RECEPTOR_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_NEUROTROPHIN_TRK_RECEPTOR_SIGNALING_PATHWAY

GOBP_NEGATIVE_REGULATION_OF_TUMOR_NECROSIS_FACTOR_MEDIATED_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_TUMOR_NECROSIS_FACTOR_MEDIATED_SIGNALING_PATHWAY

GOBP_REGULATION_OF_NEUROTROPHIN_TRK_RECEPTOR_SIGNALING_PATHWAY, GOBP_REGULATION_OF_NEUROTROPHIN_TRK_RECEPTOR_SIGNALING_PATHWAY

GOBP_AUDITORY_RECEPTOR_CELL_DEVELOPMENT, GOBP_AUDITORY_RECEPTOR_CELL_DEVELOPMENT

GOBP_UBIQUITIN_DEPENDENT_SMAD_PROTEIN_CATABOLIC_PROCESS, GOBP_UBIQUITIN_DEPENDENT_SMAD_PROTEIN_CATABOLIC_PROCESS

GOBP_POSITIVE_REGULATION_OF_CEREBELLAR_GRANULE_CELL_PRECURSOR_PROLIFERATION, GOBP_POSITIVE_REGULATION_OF_CEREBELLAR_GRANULE_CELL_PRECURSOR_PROLIFERATION

GOBP CEREBELLAR PURKINJE CELL GRANULE CELL PRECURSOR CELL SIGNALING INVOLVED IN REGULATION OF GRANULE CELL PRECURSOR CELL

GOBP_SMOOTHENED_SIGNALING_PATHWAY_INVOLVED_IN_REGULATION_OF_CEREBELLAR_GRANULE_CELL_PROLIFERATION, GOBP_SMOOTHENED_SIGNALING_PATHWAY_INVOLVED_IN_REGULATION_OF_CEREBELLAR_GRANULE_CELL_PROLIFERATION

GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OF_MOLECULAR_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OXYGEN_REDUCED_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OXYGEN_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OXYGEN_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OXYGEN_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OXYGEN_PTERIDINE_AS_ONE_DONORS_WITH_INCORPORATION_OXYGEN_PTERIDINE_DONORS_WITH_INCORPORATION_OXYGEN_PTERIDINE_DONORS_WITH_INCORPORATION_OXYGEN_PTERIDINE_DONORS_WITH_INCORPORATION_OXYGEN_PTERIDINE_DONORS_WITH_INCORPORATION_OXYGEN_PTERIDINE_DONORS_WITH_INCORPORATION_OXYGEN_PTERIDINE_DONORS_WITH_INCORPORATION_OXYGEN_DONORS_WITH_INCORPORATION_OXYGEN_DONORS_WITH_INCORPORATION_OXYGEN_DONO

GOBP_CYTOLYSIS_IN_OTHER_ORGANISM, GOBP_CYTOLYSIS_IN_OTHER_ORGANISM

GOBP_NEGATIVE_T_CELL_SELECTION, GOBP_NEGATIVE_T_CELL_SELECTION

GALI_TP53_TARGETS_APOPTOTIC_DN, GALI_TP53_TARGETS_APOPTOTIC_DN

GOBP_OXYGEN_METABOLIC_PROCESS, GOBP_OXYGEN_METABOLIC_PROCESS

GOBP_CELLULAR_RESPONSE_TO_ATP, GOBP_CELLULAR_RESPONSE_TO_ATP

GOBP_LUNG_LOBE_DEVELOPMENT, GOBP_LUNG_LOBE_DEVELOPMENT

HP_FOLLICULAR_HYPERKERATOSIS, HP_FOLLICULAR_HYPERKERATOSIS

GOBP FOREGUT MORPHOGENESIS, GOBP FOREGUT MORPHOGENESIS

GOCC_SPERM_ANNULUS, GOCC_SPERM_ANNULUS GOCC_SEPTIN_COMPLEX, GOCC_SEPTIN_COMPLEX

MIR6889 5P, MIR6889 5P

chr17p12, chr17p12

GOMF_MORPHOGEN_ACTIVITY, GOMF_MORPHOGEN_ACTIVITY

GOBP_REGULATION_OF_ODONTOGENESIS, GOBP_REGULATION_OF_ODONTOGENESIS

REACTOME_INTERLEUKIN_1_PROCESSING, REACTOME_INTERLEUKIN_1_PROCESSING

GOMF_PROTEIN_PHOSPHATASE_2B_BINDING, GOMF_PROTEIN_PHOSPHATASE_2B_BINDING

GOBP_MEMBRANE_DISRUPTION_IN_OTHER_ORGANISM, GOBP_MEMBRANE_DISRUPTION_IN_OTHER_ORGANISM

GOBP_LUNG_ASSOCIATED_MESENCHYME_DEVELOPMENT, GOBP_LUNG_ASSOCIATED_MESENCHYME_DEVELOPMENT

GOBP_REGULATION_OF_METANEPHROS_DEVELOPMENT, GOBP_REGULATION_OF_METANEPHROS_DEVELOPMENT

HP_VERTEBRAL_COMPRESSION_FRACTURES, HP_VERTEBRAL_COMPRESSION_FRACTURES

GOBP_LATERAL_MESODERM_DEVELOPMENT, GOBP_LATERAL_MESODERM_DEVELOPMENT

GOBP_PROTEIN_O_LINKED_FUCOSYLATION, GOBP_PROTEIN_O_LINKED_FUCOSYLATION

GOBP ASYMMETRIC NEUROBLAST DIVISION, GOBP ASYMMETRIC NEUROBLAST DIVISION

HP_PREMATURE_LOSS_OF_PRIMARY_TEETH, HP_PREMATURE_LOSS_OF_PRIMARY_TEETH

GOBP_RELAXATION_OF_SMOOTH_MUSCLE, GOBP_RELAXATION_OF_SMOOTH_MUSCLE

MATZUK_MALE_REPRODUCTION_SERTOLI, MATZUK_MALE_REPRODUCTION_SERTOLI

HP_PARIETAL_CORTICAL_ATROPHY, HP_PARIETAL_CORTICAL_ATROPHY

GOBP_PROSTAGLANDIN_SECRETION, GOBP_PROSTAGLANDIN_SECRETION

HP_HYPOPIGMENTED_MACULE, HP_HYPOPIGMENTED_MACULE

HP_BASAL_ENCEPHALOCELE, HP_BASAL_ENCEPHALOCELE

GOBP_EPITHELIAL_MESENCHYMAL_CELL_SIGNALING, GOBP_EPITHELIAL_MESENCHYMAL_CELL_SIGNALING

GOBP_OLIGOSACCHARIDE_BIOSYNTHETIC_PROCESS, GOBP_OLIGOSACCHARIDE_BIOSYNTHETIC_PROCESS

GOBP_NEGATIVE_REGULATION_OF_GLUCONEOGENESIS, GOBP_NEGATIVE_REGULATION_OF_GLUCONEOGENESIS

GOBP_POSITIVE_REGULATION_OF_ACTIN_NUCLEATION, GOBP_POSITIVE_REGULATION_OF_ACTIN_NUCLEATION

GOBP_REGULATION_OF_PROSTAGLANDIN_SECRETION, GOBP_REGULATION_OF_PROSTAGLANDIN_SECRETION

GOBP_GLUCOCORTICOID_METABOLIC_PROCESS, GOBP_GLUCOCORTICOID_METABOLIC_PROCESS

GOBP_TORC2_SIGNALING, GOBP_TORC2_SIGNALING

GOMF_LAMININ_1_BINDING, GOMF_LAMININ_1_BINDING

BIOCARTA_SHH_PATHWAY, BIOCARTA_SHH_PATHWAY

HP_NEUTROPHILIA, HP_NEUTROPHILIA

HP_ANKYLOGLOSSIA, HP_ANKYLOGLOSSIA

MIR6777_5P, MIR6777_5P