```
GSE17721_POLYIC_VS_GARDIQUIMOD_6H_BMDC_DN, GSE17721_POLYIC_VS_GARDIQUIMOD_6H_BMDC_DN
                                                                                                                          GSE16385_MONOCYTE_VS_12H_IL4_TREATED_MACROPHAGE_DN, GSE16385_MONOCYTE_VS_12H_IL4_TREATED_MACROPHAGE_DN
                                                                                                                          GSE411_UNSTIM_VS_400MIN_IL6_STIM_MACROPHAGE_DN, GSE411_UNSTIM_VS_400MIN_IL6_STIM_MACROPHAGE_DN
                                                                                                                          GSE23925_LIGHT_ZONE_VS_NAIVE_BCELL_DN, GSE23925_LIGHT_ZONE_VS_NAIVE_BCELL_DN
                                                                                                                          GSE14769_UNSTIM_VS_80MIN_LPS_BMDM_UP, GSE14769_UNSTIM_VS_80MIN_LPS_BMDM_UP
                                                                                                                          GSE18893_TCONV_VS_TREG_24H_TNF_STIM_DN, GSE18893_TCONV_VS_TREG_24H_TNF_STIM_DN
                                                                                                                          GSE13484_3H_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_UP, GSE13484_3H_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_UP
                                                                                                                          GSE23925_DARK_ZONE_VS_NAIVE_BCELL_UP, GSE23925_DARK_ZONE_VS_NAIVE_BCELL_UP
                                                                                                                          GSE34006_A2AR_KO_VS_A2AR_AGONIST_TREATED_TREG_DN, GSE34006_A2AR_KO_VS_A2AR_AGONIST_TREATED_TREG_DN
                                                                                                                          GSE16385_MONOCYTE_VS_12H_ROSIGLITAZONE_IFNG_TNF_TREATED_MACROPHAGE_DN, GSE16385_MONOCYTE_VS_12H_ROSIGLITAZONE_IFNG_TNF_TREATED_MACROPHAGE_DN
                                                                                                                          GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDC_DN, GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDC_DN
                                                                                                                         GSE15324_ELF4_KO_VS_WT_ACTIVATED_CD8_TCELL_UP, GSE15324_ELF4_KO_VS_WT_ACTIVATED_CD8_TCELL_UP
                                                                                                                         GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_DN, GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_DN
                                                                                                                         GSE25088_CTRL_VS_ROSIGLITAZONE_STIM_MACROPHAGE_UP, GSE25088_CTRL_VS_ROSIGLITAZONE_STIM_MACROPHAGE_UP
                                                                                                                         GSE17721_LPS_VS_GARDIQUIMOD_1H_BMDC_DN, GSE17721_LPS_VS_GARDIQUIMOD_1H_BMDC_DN
                                                                                                                          GCM HBP1, GCM HBP1
                                                                                                                         GSE17721_LPS_VS_PAM3CSK4_24H_BMDC_UP, GSE17721_LPS_VS_PAM3CSK4_24H_BMDC_UP
                                                                                                                         GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_42H_UP, GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_42H_UP
                                                                                                                         MIR603, MIR603
                                                                                                                         MIR514B 5P, MIR514B 5P
                                                                                                                         GSE15659 RESTING_VS_ACTIVATED_TREG_DN, GSE15659_RESTING_VS_ACTIVATED_TREG_DN
                                                                                                                         MIR513C_5P, MIR513C_5P
                                                                                                                         MIR6715A_3P, MIR6715A_3P
                                                                                                                         GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_3H_DN, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_3H_DN
                                                                                                                          GSE32255_UNSTIM_VS_4H_LPS_STIM_DC_DN, GSE32255_UNSTIM_VS_4H_LPS_STIM_DC_DN
                                                                                                                          GSE42021_CD24LO_TREG_VS_CD24LO_TCONV_THYMUS_UP, GSE42021_CD24LO_TREG_VS_CD24LO_TCONV_THYMUS_UP
                                                                                                                         GSE16385_UNTREATED_VS_12H_ROSIGLITAZONE_IFNG_TNF_TREATED_MACROPHAGE_DN, GSE16385_UNTREATED_VS_12H_ROSIGLITAZONE_IFNG_TNF_TREATED_MACROPHAGE_DN
                                                                                                                         GSE17721_0.5H_VS_12H_PAM3CSK4_BMDC_UP, GSE17721_0.5H_VS_12H_PAM3CSK4_BMDC_UP
                                                                                                                         GSE9946_MATURE_STIMULATORY_VS_LISTERIA_INF_MATURE_DC_UP, GSE9946_MATURE_STIMULATORY_VS_LISTERIA_INF_MATURE_DC_UP
                                                                                                                         GSE42088_UNINF_VS_LEISHMANIA_INF_DC_24H_DN, GSE42088_UNINF_VS_LEISHMANIA_INF_DC_24H_DN
                                                                                                                         GSE26669_CD4_VS_CD8_TCELL_IN_MLR_DN, GSE26669_CD4_VS_CD8_TCELL_IN_MLR_DN
                                                                                                                          FIGUEROA AML METHYLATION CLUSTER 3 UP, FIGUEROA AML METHYLATION CLUSTER 3 UP
                                                                                                                         MIR4673, MIR4673
                                                                                                                         GOBP_PROTEIN_INSERTION_INTO_MEMBRANE, GOBP_PROTEIN_INSERTION_INTO_MEMBRANE
                                                                                                                         GSE1925_CTRL_VS_IFNG_PRIMED_MACROPHAGE_24H_IFNG_STIM_UP, GSE1925_CTRL_VS_IFNG_PRIMED_MACROPHAGE_24H_IFNG_STIM_UP
                                                                                                                         GSE9601_UNTREATED_VS_PI3K_INHIBITOR_TREATED_HCMV_INF_MONOCYTE_DN, GSE9601_UNTREATED_VS_PI3K_INHIBITOR_TREATED_HCMV_INF_MONOCYTE_DN
                                                                                                                         MIR150_3P, MIR150_3P
                                                                                                                         ETF_Q6, ETF_Q6
                                                                                                                         MIR3927 3P, MIR3927 3P
                                                                                                                         GOBP_CYTOPLASMIC_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY, GOBP_CYTOPLASMIC_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                         MIR6730 5P, MIR6730 5P
                                                                                                                         GSE16385_UNTREATED_VS_12H_IL4_TREATED_MACROPHAGE_DN, GSE16385_UNTREATED_VS_12H_IL4_TREATED_MACROPHAGE_DN
                                                                                                                         MIR155 3P, MIR155 3P
                                                                                                                         MIR9718, MIR9718
                                                                                                                         AHRARNT 01, AHRARNT 01
                                                                                                                         MIR4647 MIR4662B, MIR4647 MIR4662B
                                                                                                                         MIR6768_3P, MIR6768_3P
                                                                                                                         MIR3679_5P, MIR3679_5P
                                                                                                                         MIR34A_3P, MIR34A_3P
                                                                                                                         FIGUEROA_AML_METHYLATION_CLUSTER_6_UP, FIGUEROA_AML_METHYLATION_CLUSTER_6_UP
                                                                                                                         GOBP_B_CELL_DIFFERENTIATION, GOBP_B_CELL_DIFFERENTIATION
                                                                                                                         HP_CUTIS_MARMORATA, HP_CUTIS_MARMORATA
                                                                                                                          MIR628_5P, MIR628_5P
                                                                                                                         GSE46606_UNSTIM_VS_CD40L_IL2_IL5_1DAY_STIMULATED_IRF4MID_SORTED_BCELL_DN, GSE46606_UNSTIM_VS_CD40L_IL2_IL5_1DAY_STIMULATED_IRF4MID_SORTED_BCELL_DN
                                                                                                                         GOBP_REGULATION_OF_PROTEIN_ACETYLATION, GOBP_REGULATION_OF_PROTEIN_ACETYLATION
                                                                                                                         HP_TRIGONOCEPHALY, HP_TRIGONOCEPHALY
                                                                                                                          MIR1263, MIR1263
                                                                                                                          AGTCAGC_MIR345, AGTCAGC_MIR345
                                                                                                                         FIGUEROA_AML_METHYLATION_CLUSTER_7_UP, FIGUEROA_AML_METHYLATION_CLUSTER_7_UP
                                                                                                                         GCM_BCL2L1, GCM_BCL2L1
                                                                                                                         HP_DECREASED_CIRCULATING_IGG_LEVEL, HP_DECREASED_CIRCULATING_IGG_LEVEL
                                                                                                                          GSE34156_UNTREATED_VS_6H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_UP, GSE34156_UNTREATED_VS_6H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_UP
                                                                                                                          GENTILE_UV_RESPONSE_CLUSTER_D8, GENTILE_UV_RESPONSE_CLUSTER_D8
                                                                                                                         HAY_BONE_MARROW_CD34_POS_HSC, HAY_BONE_MARROW_CD34_POS_HSC
                                                                                                                         GOMF_FOUR_WAY_JUNCTION_DNA_BINDING, GOMF_FOUR_WAY_JUNCTION_DNA_BINDING
                                                                                                                          ELLWOOD_MYC_TARGETS_DN, ELLWOOD_MYC_TARGETS_DN
                                                                                                                         IKEDA_MIR133_TARGETS_UP, IKEDA_MIR133_TARGETS_UP
                                                                                                                         GSE9946_MATURE_STIMULATORY_VS_PROSTAGLANDINE2_TREATED_MATURE_DC_UP, GSE9946_MATURE_STIMULATORY_VS_PROSTAGLANDINE2_TREATED_MATURE_DC_UP
                                                                                                                         GSE12963_UNINF_VS_ENV_AND_NEF_DEFICIENT_HIV1_INF_CD4_TCELL_UP, GSE12963_UNINF_VS_ENV_AND_NEF_DEFICIENT_HIV1_INF_CD4_TCELL_UP
                                                                                                                         BECKER_TAMOXIFEN_RESISTANCE_UP, BECKER_TAMOXIFEN_RESISTANCE_UP
                                                                                                                          GTGTGAG_MIR342, GTGTGAG_MIR342
                                                                                                                         REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CELL_DEATH_GENES, REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CELL_DEATH_GENES
                                                                                                                         GOMF_ADENYLYLTRANSFERASE_ACTIVITY, GOMF_ADENYLYLTRANSFERASE_ACTIVITY
                                                                                                                         GOBP_FIBROBLAST_APOPTOTIC_PROCESS, GOBP_FIBROBLAST_APOPTOTIC_PROCESS
                                                                                                                          GOMF_TRANSCRIPTION_COACTIVATOR_BINDING, GOMF_TRANSCRIPTION_COACTIVATOR_BINDING
                                                                                                                         MIR4683, MIR4683
                                                                                                                         GOBP_HEART_VALVE_DEVELOPMENT, GOBP_HEART_VALVE_DEVELOPMENT
                                                                                                                         PID_HES_HEY_PATHWAY, PID_HES_HEY_PATHWAY
                                                                                                                          FLECHNER_PBL_KIDNEY_TRANSPLANT_OK_VS_DONOR_DN, FLECHNER_PBL_KIDNEY_TRANSPLANT_OK_VS_DONOR_DN
                                                                                                                         CCCACAT MIR2993P, CCCACAT MIR2993P
                                                                                                                         GOBP_POSITIVE_REGULATION_OF_CELLULAR_EXTRAVASATION, GOBP_POSITIVE_REGULATION_OF_CELLULAR_EXTRAVASATION
                                                                                                                          MIR619_3P, MIR619_3P
                                                                                                                          TATCTGG_MIR488, TATCTGG_MIR488
                                                                                                                         GOBP_V_D_J_RECOMBINATION, GOBP_V_D_J_RECOMBINATION
                                                                                                                         MIR4662A_3P, MIR4662A_3P
                                                                                                                         MIR4423_5P, MIR4423_5P
                                                                                                                         MIR3161, MIR3161
                                                                                                                         KEGG_SELENOAMINO_ACID_METABOLISM, KEGG_SELENOAMINO_ACID_METABOLISM
                                                                                                                         MIR676 3P, MIR676 3P
                                                                                                                         HP_HYPOPROTEINEMIA, HP_HYPOPROTEINEMIA
                                                                                                                         GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_1H_DN, GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_1H_DN
                                                                                                                         PARK_APL_PATHOGENESIS_UP, PARK_APL_PATHOGENESIS_UP
                                                                                                                         SKP2_TARGET_GENES, SKP2_TARGET_GENES
                                                                                                                         BIOCARTA PRC2 PATHWAY, BIOCARTA PRC2 PATHWAY
                                                                                                                         GOBP_ENDOCARDIAL_CUSHION_FORMATION, GOBP_ENDOCARDIAL_CUSHION_FORMATION
                                                                                                                         HP_PSORIASIFORM_DERMATITIS, HP_PSORIASIFORM_DERMATITIS
                                                                                                                         HP_NASOLACRIMAL_DUCT_OBSTRUCTION, HP_NASOLACRIMAL_DUCT_OBSTRUCTION
                                                                                                                         GOBP_REGULATION_OF_SYNCYTIUM_FORMATION_BY_PLASMA_MEMBRANE_FUSION, GOBP_REGULATION_OF_SYNCYTIUM_FORMATION_BY_PLASMA_MEMBRANE_FUSION
                                                                                                                         GOBP_PRE_MIRNA_PROCESSING, GOBP_PRE_MIRNA_PROCESSING
                                                                                                                         GOMF_PHOSPHOTRANSFERASE_ACTIVITY_FOR_OTHER_SUBSTITUTED_PHOSPHATE_GROUPS, GOMF_PHOSPHOTRANSFERASE_ACTIVITY_FOR_OTHER_SUBSTITUTED_PHOSPHATE_GROUPS
                                                                                                                         GOCC_MITOTIC_SPINDLE_MICROTUBULE, GOCC_MITOTIC_SPINDLE_MICROTUBULE
                                                                                                                         BERENJENO_ROCK_SIGNALING_NOT_VIA_RHOA_UP, BERENJENO_ROCK_SIGNALING_NOT_VIA_RHOA_UP
                                                                                                                         GOBP TRANSFORMING GROWTH FACTOR BETA PRODUCTION, GOBP TRANSFORMING GROWTH FACTOR BETA PRODUCTION
                                                                                                                         GOBP_CARDIAC_EPITHELIAL_TO_MESENCHYMAL_TRANSITION, GOBP_CARDIAC_EPITHELIAL_TO_MESENCHYMAL_TRANSITION
                                                                                                                         MIR200C_5P, MIR200C_5P
                                                                                                                         GOBP_GLOMERULAR_MESANGIUM_DEVELOPMENT, GOBP_GLOMERULAR_MESANGIUM_DEVELOPMENT
                                                                                                                         GOBP_EARLY_ENDOSOME_TO_GOLGI_TRANSPORT, GOBP_EARLY_ENDOSOME_TO_GOLGI_TRANSPORT
                                                                                                                        GOBP_VENTRICULAR_SEPTUM_MORPHOGENESIS, GOBP_VENTRICULAR_SEPTUM_MORPHOGENESIS
                                                                                                                        GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_EARLY_ENDOSOME, GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_EARLY_ENDOSOME
                                                                                                                         REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_CYTOCHROME_C_RELEASE, REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_CYTOCHROME_C_RELEASE
                                                                                                                         GOBP_EPITHELIAL_TO_MESENCHYMAL_TRANSITION_INVOLVED_IN_ENDOCARDIAL_CUSHION_FORMATION, GOBP_EPITHELIAL_TO_MESENCHYMAL_TRANSITION_INVOLVED_IN_ENDOCARDIAL_CUSHION_FORMATION
                                                                                                                         GOBP_AMYLOID_FIBRIL_FORMATION, GOBP_AMYLOID_FIBRIL_FORMATION
                                                                                                                         GOMF_L_ALANINE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_L_ALANINE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                         GOBP_MUSCLE_HYPERTROPHY, GOBP_MUSCLE_HYPERTROPHY
                                                                                                                         GOBP_REGULATION_OF_PROTEIN_LIPIDATION, GOBP_REGULATION_OF_PROTEIN_LIPIDATION
                                                                                                                         GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CHROMATIN, GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CHROMATIN
                                                                                                                         GOCC_RNA_POLYMERASE_II_TRANSCRIPTION_REPRESSOR_COMPLEX, GOCC_RNA_POLYMERASE_II_TRANSCRIPTION_REPRESSOR_COMPLEX
                                                                                                                          GOMF_GUANYLATE_CYCLASE_ACTIVITY, GOMF_GUANYLATE_CYCLASE_ACTIVITY
                                                                                                                          MIR4648, MIR4648
                                                                                                                         HP_ABNORMAL_LACRIMAL_DUCT_MORPHOLOGY, HP_ABNORMAL_LACRIMAL_DUCT_MORPHOLOGY
                                                                                                                         GOBP_L_ALANINE_TRANSPORT, GOBP_L_ALANINE_TRANSPORT
                                                                                                                         ✓ GOBP_EXTRACELLULAR_VESICLE_BIOGENESIS, GOBP_EXTRACELLULAR_VESICLE_BIOGENESIS
                                                                                                                         GOBP_TRNA_THIO_MODIFICATION, GOBP_TRNA_THIO_MODIFICATION
LITAZONE_TREATED_MACROPHAGE_DN, GSE16385_MONOCYTE_VS_12H_ROSIGLITAZONE_TREATED_MACROPHAGE_DN
                                                                                                                         HP_HYPOPLASTIC_HELICES, HP_HYPOPLASTIC_HELICES
                                                                                                                          MCCABE_HOXC6_TARGETS_CANCER_DN, MCCABE_HOXC6_TARGETS_CANCER_DN
                                                                                                                          GGARNTKYCCA_UNKNOWN, GGARNTKYCCA_UNKNOWN
                                                                                                                          BIOCARTA_NOTCH_PATHWAY, BIOCARTA_NOTCH_PATHWAY
                                                                                                                          GOBP_ENDOTHELIAL_CELL_FATE_COMMITMENT, GOBP_ENDOTHELIAL_CELL_FATE_COMMITMENT
                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_STRIATED_MUSCLE_CELL_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_STRIATED_MUSCLE_CELL_DIFFERENTIATION
                                                                                                                         GOBP_SECONDARY_PALATE_DEVELOPMENT, GOBP_SECONDARY_PALATE_DEVELOPMENT
                                                                                                                         GOBP_POSITIVE_REGULATION_OF_METALLOPEPTIDASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_METALLOPEPTIDASE_ACTIVITY
                                                                                                                          GOBP_PROLINE_TRANSMEMBRANE_TRANSPORT, GOBP_PROLINE_TRANSMEMBRANE_TRANSPORT
                                                                                                                         GOBP_POSITIVE_REGULATION_OF_FIBROBLAST_APOPTOTIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_FIBROBLAST_APOPTOTIC_PROCESS
                                                                                                                        " GOBP_NEGATIVE_REGULATION_OF_THYMOCYTE_APOPTOTIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_THYMOCYTE_APOPTOTIC_PROCESS
                                                                                                                        GOBP_REGULATION_OF_HISTONE_H3_K36_METHYLATION, GOBP_REGULATION_OF_HISTONE_H3_K36_METHYLATION
                                                                                                                         GOBP_POSITIVE_REGULATION_OF_METALLOENDOPEPTIDASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_METALLOENDOPEPTIDASE_ACTIVITY
                                                                                                                         GOMF_L_PROLINE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_L_PROLINE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                         GOBP_OUTER_EAR_MORPHOGENESIS, GOBP_OUTER_EAR_MORPHOGENESIS
                                                                                                                         MATZUK_EARLY_ANTRAL_FOLLICLE, MATZUK_EARLY_ANTRAL_FOLLICLE
                                                                                                                         GOBP_BLOOD_VESSEL_ENDOTHELIAL_CELL_DIFFERENTIATION, GOBP_BLOOD_VESSEL_ENDOTHELIAL_CELL_DIFFERENTIATION
                                                                                                                        GOBP_PROTEIN_AUTO_ADP_RIBOSYLATION, GOBP_PROTEIN_AUTO_ADP_RIBOSYLATION
                                                                                                                         GOBP_CELLULAR_RESPONSE_TO_NICOTINE, GOBP_CELLULAR_RESPONSE_TO_NICOTINE
                                                                                                                         GOBP_REGULATION_OF_FEAR_RESPONSE, GOBP_REGULATION_OF_FEAR_RESPONSE
                                                                                                                         HP_FAILURE_TO_THRIVE_SECONDARY_TO_RECURRENT_INFECTIONS, HP_FAILURE_TO_THRIVE_SECONDARY_TO_RECURRENT_INFECTIONS
                                                                                                                         GOBP_ATRIOVENTRICULAR_VALVE_FORMATION, GOBP_ATRIOVENTRICULAR_VALVE_FORMATION
                                                                                                                         REACTOME_NONCANONICAL_ACTIVATION_OF_NOTCH3, REACTOME_NONCANONICAL_ACTIVATION_OF_NOTCH3
                                                                                                                         GOBP_PERICYTE_CELL_DIFFERENTIATION, GOBP_PERICYTE_CELL_DIFFERENTIATION
                                                                                                                         GOBP_REGULATION_OF_TRANSCRIPTION_FROM_RNA_POLYMERASE_II_PROMOTER_INVOLVED_IN_HEART_DEVELOPMENT, GOBP_REGULATION_OF_TRANSCRIPTION_FROM_RNA_POLYMERASE_II_PROMOTER_INVOLVED_IN_HEART_DEVELOPMENT
                                                                                                                         GOBP_POSITIVE_REGULATION_OF_CYTOPLASMIC_TRANSPORT, GOBP_POSITIVE_REGULATION_OF_CYTOPLASMIC_TRANSPORT
                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_INTERFERON_BETA_PRODUCTION, GOBP_NEGATIVE_REGULATION_OF_INTERFERON_BETA_PRODUCTION
                                                                                                                         GOBP_POSITIVE_REGULATION_OF_ODONTOGENESIS, GOBP_POSITIVE_REGULATION_OF_ODONTOGENESIS
                                                                                                                         GOBP_FARNESYL_DIPHOSPHATE_METABOLIC_PROCESS, GOBP_FARNESYL_DIPHOSPHATE_METABOLIC_PROCESS
                                                                                                                         GOBP_CANONICAL_WNT_SIGNALING_PATHWAY_INVOLVED_IN_CARDIAC_MUSCLE_CELL_FATE_COMMITMENT, GOBP_CANONICAL_WNT_SIGNALING_PATHWAY_INVOLVED_IN_CARDIAC_MUSCLE_CELL_FATE_COMMITMENT
                                                                                                                         WEBER_METHYLATED_LCP_IN_SPERM_DN, WEBER_METHYLATED_LCP_IN_SPERM_DN
                                                                                                                         HP_ABNORMAL_TRICUSPID_VALVE_MORPHOLOGY, HP_ABNORMAL_TRICUSPID_VALVE_MORPHOLOGY
                                                                                                                         GOBP_RESPONSE_TO_PLATELET_DERIVED_GROWTH_FACTOR, GOBP_RESPONSE_TO_PLATELET_DERIVED_GROWTH_FACTOR
                                                                                                                         GOBP RESPONSE TO FORSKOLIN, GOBP RESPONSE TO FORSKOLIN
                                                                                                                         GOBP_PROTEIN_MONO_ADP_RIBOSYLATION, GOBP_PROTEIN_MONO_ADP_RIBOSYLATION
                                                                                                                         RAMJAUN_APOPTOSIS_BY_TGFB1_VIA_MAPK1_UP, RAMJAUN_APOPTOSIS_BY_TGFB1_VIA_MAPK1_UP
                                                                                                                         HP_ABNORMAL_CEREBRAL_VEIN_MORPHOLOGY, HP_ABNORMAL_CEREBRAL_VEIN_MORPHOLOGY
                                                                                                                         GOBP_ARTERIAL_ENDOTHELIAL_CELL_DIFFERENTIATION, GOBP_ARTERIAL_ENDOTHELIAL_CELL_DIFFERENTIATION
                                                                                                                         GOBP_CANONICAL_WNT_SIGNALING_PATHWAY_INVOLVED_IN_HEART_DEVELOPMENT, GOBP_CANONICAL_WNT_SIGNALING_PATHWAY_INVOLVED_IN_HEART_DEVELOPMENT
                                                                                                                         PID_S1P_META_PATHWAY, PID_S1P_META_PATHWAY
                                                                                                                         GOBP_ENDOCARDIUM_DEVELOPMENT, GOBP_ENDOCARDIUM_DEVELOPMENT
                                                                                                                         MIR4259, MIR4259
                                                                                                                         GOBP_REGULATION_OF_BEHAVIOR, GOBP_REGULATION_OF_BEHAVIOR
                                                                                                                         PID_S1P_S1P4_PATHWAY, PID_S1P_S1P4_PATHWAY
                                                                                                                         SCHMAHL_PDGF_SIGNALING, SCHMAHL_PDGF_SIGNALING
                                                                                                                         MIR136_3P, MIR136_3P
                                                                                                                         GOBP LUTEINIZING HORMONE SECRETION, GOBP LUTEINIZING HORMONE SECRETION
                                                                                                                         GOBP_MYOFIBROBLAST_DIFFERENTIATION, GOBP_MYOFIBROBLAST_DIFFERENTIATION
                                                                                                                         HP_AUTOPHAGIC_VACUOLES, HP_AUTOPHAGIC_VACUOLES
                                                                                                                         HP_CHRONIC_AXONAL_NEUROPATHY, HP_CHRONIC_AXONAL_NEUROPATHY
                                                                                                                          HP_MODERATE_ALBUMINURIA, HP_MODERATE_ALBUMINURIA
                                                                                                                         REACTOME_MODULATION_BY_MTB_OF_HOST_IMMUNE_SYSTEM, REACTOME_MODULATION_BY_MTB_OF_HOST_IMMUNE_SYSTEM
                                                                                                                          MIR3684, MIR3684
                                                                                                                         GOBP_REGULATION_OF_MEMBRANE_REPOLARIZATION_DURING_ACTION_POTENTIAL, GOBP_REGULATION_OF_MEMBRANE_REPOLARIZATION_DURING_ACTION_POTENTIAL
                                                                                                                          GOBP_LEYDIG_CELL_DIFFERENTIATION, GOBP_LEYDIG_CELL_DIFFERENTIATION
                                                                                                                          GOMF_STRUCTURAL_CONSTITUENT_OF_MYELIN_SHEATH, GOMF_STRUCTURAL_CONSTITUENT_OF_MYELIN_SHEATH
                                                                                                                         GOBP_CELL_PROLIFERATION_INVOLVED_IN_HEART_MORPHOGENESIS, GOBP_CELL_PROLIFERATION_INVOLVED_IN_HEART_MORPHOGENESIS
                                                                                                                         GOBP_HAIR_CELL_DIFFERENTIATION, GOBP_HAIR_CELL_DIFFERENTIATION
                                                                                                                         GOBP_MIDDLE_EAR_MORPHOGENESIS, GOBP_MIDDLE_EAR_MORPHOGENESIS
                                                                                                                         PIEPOLI_LGI1_TARGETS_UP, PIEPOLI_LGI1_TARGETS_UP
                                                                                                                         HP_ABNORMAL_CARDIOMYOCYTE_MORPHOLOGY, HP_ABNORMAL_CARDIOMYOCYTE_MORPHOLOGY
                                                                                                                         GOBP_POSITIVE_REGULATION_OF_GONADOTROPIN_SECRETION, GOBP_POSITIVE_REGULATION_OF_GONADOTROPIN_SECRETION
                                                                                                                          GOBP_SOFT_PALATE_DEVELOPMENT, GOBP_SOFT_PALATE_DEVELOPMENT
                                                                                                                          MIR4737, MIR4737
                                                                                                                         HP_ABNORMAL_MANDIBULAR_RAMUS_MORPHOLOGY, HP_ABNORMAL_MANDIBULAR_RAMUS_MORPHOLOGY
                                                                                                                         GOBP_POSITIVE_REGULATION_OF_HIGH_VOLTAGE_GATED_CALCIUM_CHANNEL_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_HIGH_VOLTAGE_GATED_CALCIUM_CHANNEL_ACTIVITY
                                                                                                                         GOBP_REGULATION_OF_ADHERENS_JUNCTION_ORGANIZATION, GOBP_REGULATION_OF_ADHERENS_JUNCTION_ORGANIZATION
                                                                                                                         GOCC_FHF_COMPLEX, GOCC_FHF_COMPLEX
                                                                                                                          HP SEVERE B LYMPHOCYTOPENIA, HP SEVERE B LYMPHOCYTOPENIA
                                                                                                                         HP_ACEPHALIC_SPERMATOZOA, HP_ACEPHALIC_SPERMATOZOA
                                                                                                                         GOBP_REGULATION_OF_MACROPHAGE_FUSION, GOBP_REGULATION_OF_MACROPHAGE_FUSION
                                                                                                                          GOBP_SENSORY_PERCEPTION_OF_TOUCH, GOBP_SENSORY_PERCEPTION_OF_TOUCH
                                                                                                                          GOCC_OMEGASOME, GOCC_OMEGASOME
                                                                                                                          GOMF_CALCIUM_DEPENDENT_PROTEIN_SERINE_THREONINE_PHOSPHATASE_REGULATOR_ACTIVITY, GOMF_CALCIUM_DEPENDENT_PROTEIN_SERINE_THREONINE_PHOSPHATASE_REGULATOR_ACTIVITY
                                                                                                                          HP_ABNORMALITY_OF_THE_CRUS_OF_THE_HELIX, HP_ABNORMALITY_OF_THE_CRUS_OF_THE_HELIX
                                                                                                                          WP_GLIAL_CELL_DIFFERENTIATION, WP_GLIAL_CELL_DIFFERENTIATION
                                                                                                                         GOBP_GONADOTROPIN_SECRETION, GOBP_GONADOTROPIN_SECRETION
                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_MUSCLE_HYPERTROPHY, GOBP_NEGATIVE_REGULATION_OF_MUSCLE_HYPERTROPHY
                                                                                                                         GOBP_PROLINE_TRANSPORT, GOBP_PROLINE_TRANSPORT
                                                                                                                          GOBP NEGATIVE REGULATION OF CARDIAC MUSCLE CELL DIFFERENTIATION, GOBP NEGATIVE REGULATION OF CARDIAC MUSCLE CELL DIFFERENTIATION
                                                                                                                         chr20p12, chr20p12
                                                                                                                         GOBP_REGULATION_OF_GONADOTROPIN_SECRETION, GOBP_REGULATION_OF_GONADOTROPIN_SECRETION
                                                                                                                         GOBP_INNER_EAR_AUDITORY_RECEPTOR_CELL_DIFFERENTIATION, GOBP_INNER_EAR_AUDITORY_RECEPTOR_CELL_DIFFERENTIATION
                                                                                                                          WIZ_TARGET_GENES, WIZ_TARGET_GENES
                                                                                                                         GOCC_L_TYPE_VOLTAGE_GATED_CALCIUM_CHANNEL_COMPLEX, GOCC_L_TYPE_VOLTAGE_GATED_CALCIUM_CHANNEL_COMPLEX
                                                                                                                         HP_BLEEDING_WITH_MINOR_OR_NO_TRAUMA, HP_BLEEDING_WITH_MINOR_OR_NO_TRAUMA
                                                                                                                         GOBP_FOLLICLE_STIMULATING_HORMONE_SECRETION, GOBP_FOLLICLE_STIMULATING_HORMONE_SECRETION
                                                                                                                         GOBP_ENDOCARDIAL_CELL_DIFFERENTIATION, GOBP_ENDOCARDIAL_CELL_DIFFERENTIATION
                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_T_CELL_MIGRATION, GOBP_NEGATIVE_REGULATION_OF_T_CELL_MIGRATION
                                                                                                                         WILLIAMS ESR1 TARGETS DN, WILLIAMS ESR1 TARGETS DN
                                                                                                                         GOBP_REGULATION_OF_DEVELOPMENT_HETEROCHRONIC, GOBP_REGULATION_OF_DEVELOPMENT_HETEROCHRONIC
                                                                                                                         GOBP_GLOMERULAR_MESANGIAL_CELL_DIFFERENTIATION, GOBP_GLOMERULAR_MESANGIAL_CELL_DIFFERENTIATION
                                                                                                                          HP_GENERALIZED_AMYLOID_DEPOSITION, HP_GENERALIZED_AMYLOID_DEPOSITION
                                                                                                                         GOBP_ENDOCARDIUM_MORPHOGENESIS, GOBP_ENDOCARDIUM_MORPHOGENESIS
                                                                                                                         GOBP_MACROPHAGE_FUSION, GOBP_MACROPHAGE_FUSION
                                                                                                                         GOCC_ENDODEOXYRIBONUCLEASE_COMPLEX, GOCC_ENDODEOXYRIBONUCLEASE_COMPLEX
                                                                                                                          REACTOME_LIPID_PARTICLE_ORGANIZATION, REACTOME_LIPID_PARTICLE_ORGANIZATION
                                                                                                                         REACTOME ADENYLATE CYCLASE INHIBITORY PATHWAY, REACTOME ADENYLATE CYCLASE INHIBITORY PATHWAY
                                                                                                                         GOBP_POSITIVE_REGULATION_OF_BMP_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_BMP_SIGNALING_PATHWAY
                                                                                                                         GOBP_CARDIAC_MUSCLE_CELL_FATE_COMMITMENT, GOBP_CARDIAC_MUSCLE_CELL_FATE_COMMITMENT
                                                                                                                         ZHONG_PFC_C1_DLX5_POS_INTERNEURON, ZHONG_PFC_C1_DLX5_POS_INTERNEURON
                                                                                                                         GOBP_BRAINSTEM_DEVELOPMENT, GOBP_BRAINSTEM_DEVELOPMENT
                                                                                                                         GOBP_PARACRINE_SIGNALING, GOBP_PARACRINE_SIGNALING
                                                                                                                         GOBP_MUSCLE_CELL_FATE_COMMITMENT, GOBP_MUSCLE_CELL_FATE_COMMITMENT
                                                                                                                         GOBP CARDIAC LEFT VENTRICLE MORPHOGENESIS, GOBP CARDIAC LEFT VENTRICLE MORPHOGENESIS
                                                                                                                          GOBP_NEGATIVE_REGULATION_OF_CARDIOCYTE_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_CARDIOCYTE_DIFFERENTIATION
                                                                                                                          HP_SNORING, HP_SNORING
                                                                                                                         GOBP_AUDITORY_RECEPTOR_CELL_FATE_COMMITMENT, GOBP_AUDITORY_RECEPTOR_CELL_FATE_COMMITMENT
                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_SKELETAL_MUSCLE_CELL_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_SKELETAL_MUSCLE_CELL_DIFFERENTIATION
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SMIRNOV\_CIRCULATING\_ENDOTHELIOCYTES\_IN\_CANCER\_DN, SMIRNOV\_CIRCULATING\_ENDOTHELIOCYTES\_IN\_CANCER\_DN

GOBP\_SKELETAL\_MUSCLE\_SATELLITE\_CELL\_DIFFERENTIATION, GOBP\_SKELETAL\_MUSCLE\_SATELLITE\_CELL\_DIFFERENTIATION

GOBP\_NEGATIVE\_REGULATION\_OF\_CLATHRIN\_DEPENDENT\_ENDOCYTOSIS, GOBP\_NEGATIVE\_REGULATION\_OF\_CLATHRIN\_DEPENDENT\_ENDOCYTOSIS

GOBP\_WNT\_SIGNALING\_PATHWAY\_INVOLVED\_IN\_HEART\_DEVELOPMENT, GOBP\_WNT\_SIGNALING\_PATHWAY\_INVOLVED\_IN\_HEART\_DEVELOPMENT

REACTOME\_ADP\_SIGNALLING\_THROUGH\_P2Y\_PURINOCEPTOR\_12, REACTOME\_ADP\_SIGNALLING\_THROUGH\_P2Y\_PURINOCEPTOR\_12

GOMF\_ENDORIBONUCLEASE\_ACTIVITY\_PRODUCING\_3\_PHOSPHOMONOESTERS, GOMF\_ENDORIBONUCLEASE\_ACTIVITY\_PRODUCING\_3\_PHOSPHOMONOESTERS

REACTOME\_PRESYNAPTIC\_DEPOLARIZATION\_AND\_CALCIUM\_CHANNEL\_OPENING, REACTOME\_PRESYNAPTIC\_DEPOLARIZATION\_AND\_CALCIUM\_CHANNEL\_OPENING

GOBP\_POSITIVE\_REGULATION\_OF\_EARLY\_ENDOSOME\_TO\_LATE\_ENDOSOME\_TRANSPORT, GOBP\_POSITIVE\_REGULATION\_OF\_EARLY\_ENDOSOME\_TO\_LATE\_ENDOSOME\_TRANSPORT

GOBP\_REGULATION\_OF\_WNT\_SIGNALING\_PATHWAY\_INVOLVED\_IN\_HEART\_DEVELOPMENT, GOBP\_REGULATION\_OF\_WNT\_SIGNALING\_PATHWAY\_INVOLVED\_IN\_HEART\_DEVELOPMENT

GOBP\_POSITIVE\_REGULATION\_OF\_CELL\_PROLIFERATION\_INVOLVED\_IN\_HEART\_MORPHOGENESIS, GOBP\_POSITIVE\_REGULATION\_OF\_CELL\_PROLIFERATION\_INVOLVED\_IN\_HEART\_MORPHOGENESIS

GOBP\_UBIQUITIN\_INDEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS\_VIA\_THE\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY, GOBP\_UBIQUITIN\_INDEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS\_VIA\_THE\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY

GOBP\_MYELOID\_PROGENITOR\_CELL\_DIFFERENTIATION, GOBP\_MYELOID\_PROGENITOR\_CELL\_DIFFERENTIATION

GOCC\_MESSENGER\_RIBONUCLEOPROTEIN\_COMPLEX, GOCC\_MESSENGER\_RIBONUCLEOPROTEIN\_COMPLEX

HP\_MINICORE\_MYOPATHY, HP\_MINICORE\_MYOPATHY

SHI\_SPARC\_TARGETS\_DN, SHI\_SPARC\_TARGETS\_DN