```
GSE40655_FOXO1_KO_VS_WT_NTREG_UP, GSE40655_FOXO1_KO_VS_WT_NTREG_UP
                                                                                                               GSE40666_WT_VS_STAT4_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_UP, GSE40666_WT_VS_STAT4_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_UP
                                                                                                              GSE3039_ALPHABETA_CD8_TCELL_VS_B1_BCELL_UP, GSE3039_ALPHABETA_CD8_TCELL_VS_B1_BCELL_UP
                                                                                                              GSE15330_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_VS_PRO_BCELL_UP, GSE15330_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_VS_PRO_BCELL_UP
                                                                                                              GSE15750_DAY6_VS_DAY10_TRAF6KO_EFF_CD8_TCELL_DN, GSE15750_DAY6_VS_DAY10_TRAF6KO_EFF_CD8_TCELL_DN
                                                                                                              GSE11961_FOLLICULAR_BCELL_VS_PLASMA_CELL_DAY7_DN, GSE11961_FOLLICULAR_BCELL_VS_PLASMA_CELL_DAY7_DN
                                                                                                              GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_DN, GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_DN
                                                                                                              GSE24726_WT_VS_E2_2_KO_PDC_DAY6_POST_DELETION_DN, GSE24726_WT_VS_E2_2_KO_PDC_DAY6_POST_DELETION_DN
                                                                                                              GSE26030_TH1_VS_TH17_DAY15_POST_POLARIZATION_UP, GSE26030_TH1_VS_TH17_DAY15_POST_POLARIZATION_UP
                                                                                                              GSE15750_DAY6_VS_DAY10_EFF_CD8_TCELL_DN, GSE15750_DAY6_VS_DAY10_EFF_CD8_TCELL_DN
                                                                                                              GSE38681_WT_VS_LYL1_KO_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_DN, GSE38681_WT_VS_LYL1_KO_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_DN
                                                                                                              GSE34156_UNTREATED_VS_6H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN, GSE34156_UNTREATED_VS_6H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_D
                                                                                                              GSE7509_UNSTIM_VS_IFNA_STIM_IMMATURE_DC_DN, GSE7509_UNSTIM_VS_IFNA_STIM_IMMATURE_DC_DN
                                                                                                              GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_6H_UP, GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_6H_UP
                                                                                                              GSE4748_CTRL_VS_CYANOBACTERIUM_LPSLIKE_STIM_DC_3H_UP, GSE4748_CTRL_VS_CYANOBACTERIUM_LPSLIKE_STIM_DC_3H_UP
                                                                                                              GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_IL7_UP, GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_IL7_UP
                                                                                                              GSE13306_TREG_VS_TCONV_SPLEEN_DN, GSE13306_TREG_VS_TCONV_SPLEEN_DN
                                                                                                              MIR16_1_3P, MIR16_1_3P
                                                                                                              MIR4778_5P, MIR4778_5P
                                                                                                              GSE19888_ADENOSINE_A3R_INH_VS_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_VS_TCELL_MEMBRANES_ACT_MAST_CELL_UP
                                                                                                              GSE30962_PRIMARY_VS_SECONDARY_ACUTE_LCMV_INF_CD8_TCELL_DN, GSE30962_PRIMARY_VS_SECONDARY_ACUTE_LCMV_INF_CD8_TCELL_DN
                                                                                                              GSE4984_UNTREATED_VS_VEHICLE_CTRL_TREATED_DC_UP, GSE4984_UNTREATED_VS_VEHICLE_CTRL_TREATED_DC_UP
                                                                                                              MIR6512 5P, MIR6512 5P
                                                                                                              MIR378A_5P, MIR378A_5P
                                                                                                              GSE37563_WT_VS_CTLA4_KO_CD4_TCELL_D4_POST_IMMUNIZATION_UP, GSE37563_WT_VS_CTLA4_KO_CD4_TCELL_D4_POST_IMMUNIZATION_UP
                                                                                                               GSE13306_TREG_VS_TCONV_LAMINA_PROPRIA_DN, GSE13306_TREG_VS_TCONV_LAMINA_PROPRIA_DN
                                                                                                               AGGGCAG MIR18A, AGGGCAG MIR18A
                                                                                                              GSE22342_CD11C_HIGH_VS_LOW_DECIDUAL_MACROPHAGES_UP, GSE22342_CD11C_HIGH_VS_LOW_DECIDUAL_MACROPHAGES_UP
                                                                                                              AAGGGAT_MIR188, AAGGGAT_MIR188
                                                                                                              MIR7976, MIR7976
                                                                                                              GSE22935 24H VS_48H_MBOVIS_BCG_STIM_MACROPHAGE_UP, GSE22935_24H_VS_48H_MBOVIS_BCG_STIM_MACROPHAGE_UP
                                                                                                              MIR3128, MIR3128
                                                                                                              GAVIN_FOXP3_TARGETS_CLUSTER_P2, GAVIN_FOXP3_TARGETS_CLUSTER_P2
                                                                                                              MIR5587_5P, MIR5587_5P
                                                                                                              ZNF34_TARGET_GENES, ZNF34_TARGET_GENES
                                                                                                               MIR202_5P, MIR202_5P
                                                                                                              MIR6736_3P, MIR6736_3P
                                                                                                               GSE2585_CTEC_VS_THYMIC_DC_UP, GSE2585_CTEC_VS_THYMIC_DC_UP
                                                                                                               MIR767_3P, MIR767_3P
                                                                                                              MIR6781 3P, MIR6781 3P
                                                                                                              MIR4284, MIR4284
                                                                                                              WINTER_HYPOXIA_DN, WINTER_HYPOXIA_DN
                                                                                                              MIR3620_3P, MIR3620_3P
                                                                                                              MIR6809_5P, MIR6809_5P
                                                                                                              MIR4445_5P, MIR4445_5P
                                                                                                              MIR6782_3P, MIR6782_3P
                                                                                                              HP_INCREASED_BONE_MINERAL_DENSITY, HP_INCREASED_BONE_MINERAL_DENSITY
                                                                                                              GOBP_LEUKOCYTE_HOMEOSTASIS, GOBP_LEUKOCYTE_HOMEOSTASIS
                                                                                                              MIR4716_5P, MIR4716_5P
                                                                                                              AGGTGCA_MIR500, AGGTGCA_MIR500
                                                                                                              MIR2467_5P, MIR2467_5P
                                                                                                              GOMF_UBIQUITIN_LIKE_PROTEIN_CONJUGATING_ENZYME_BINDING, GOMF_UBIQUITIN_LIKE_PROTEIN_CONJUGATING_ENZYME_BINDING
                                                                                                              MIR490_3P, MIR490_3P
                                                                                                              GSE34156_TLR1_TLR2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP, GSE34156_TLR1_TLR2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_6H_TREATED_I
                                                                                                              MIR4501, MIR4501
                                                                                                              MIR874_3P, MIR874_3P
                                                                                                              MARIADASON_REGULATED_BY_HISTONE_ACETYLATION_DN, MARIADASON_REGULATED_BY_HISTONE_ACETYLATION_DN
                                                                                                              STARK_HYPPOCAMPUS_22Q11_DELETION_UP, STARK_HYPPOCAMPUS_22Q11_DELETION_UP
                                                                                                              HP_RETINAL_VASCULAR_TORTUOSITY, HP_RETINAL_VASCULAR_TORTUOSITY
                                                                                                              MIR526B_5P, MIR526B_5P
                                                                                                              MIR2682_3P, MIR2682_3P
                                                                                                               ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_6HR_UP, ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_6HR_UP
                                                                                                              MIR3914, MIR3914
                                                                                                              GOBP_NEGATIVE_REGULATION_OF_DEPHOSPHORYLATION, GOBP_NEGATIVE_REGULATION_OF_DEPHOSPHORYLATION
                                                                                                              MIR145_3P, MIR145_3P
                                                                                                              MIR33A_5P_MIR33B_5P, MIR33A_5P_MIR33B_5P
                                                                                                              MIR4268, MIR4268
                                                                                                              MIR8081, MIR8081
                                                                                                              GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MDC_UP, GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MDC_UP
                                                                                                              HP_ABNORMAL_RETINAL_ARTERY_MORPHOLOGY, HP_ABNORMAL_RETINAL_ARTERY_MORPHOLOGY
                                                                                                              MIR3152_5P, MIR3152_5P
                                                                                                              MIR5002_3P, MIR5002_3P
                                                                                                              HP_POSTERIOR_EMBRYOTOXON, HP_POSTERIOR_EMBRYOTOXON
                                                                                                              DORSAM_HOXA9_TARGETS_UP, DORSAM_HOXA9_TARGETS_UP
                                                                                                              MIR5187_5P, MIR5187_5P
                                                                                                              GOBP_LYMPHOCYTE_HOMEOSTASIS, GOBP_LYMPHOCYTE_HOMEOSTASIS
                                                                                                              GOMF_NADPLUS_ADP_RIBOSYLTRANSFERASE_ACTIVITY, GOMF_NADPLUS_ADP_RIBOSYLTRANSFERASE_ACTIVITY
                                                                                                              ZHENG_FOXP3_TARGETS_IN_T_LYMPHOCYTE_DN, ZHENG_FOXP3_TARGETS_IN_T_LYMPHOCYTE_DN
                                                                                                              BIOCARTA_NTHI_PATHWAY, BIOCARTA_NTHI_PATHWAY
                                                                                                              HOFFMANN_IMMATURE_TO_MATURE_B_LYMPHOCYTE_UP, HOFFMANN_IMMATURE_TO_MATURE_B_LYMPHOCYTE_UP
                                                                                                              MIR642A_5P, MIR642A_5P
                                                                                                              GOMF_ATPASE_COUPLED_INTRAMEMBRANE_LIPID_TRANSPORTER_ACTIVITY, GOMF_ATPASE_COUPLED_INTRAMEMBRANE_LIPID_TRANSPORTER_ACTIVITY
                                                                                                              MIR6744_3P, MIR6744_3P
                                                                                                              GOBP_NEGATIVE_REGULATION_OF_SMOOTHENED_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_SMOOTHENED_SIGNALING_PATHWAY
                                                                                                              GOBP REGULATION OF SYNAPTIC VESICLE ENDOCYTOSIS, GOBP REGULATION OF SYNAPTIC VESICLE ENDOCYTOSIS
                                                                                                              GOBP_B_CELL_HOMEOSTASIS, GOBP_B_CELL_HOMEOSTASIS
                                                                                                              GOBP_REGULATION_OF_SYNAPTIC_VESICLE_RECYCLING, GOBP_REGULATION_OF_SYNAPTIC_VESICLE_RECYCLING
                                                                                                              GOMF_PROTEIN_ADP_RIBOSYLASE_ACTIVITY, GOMF_PROTEIN_ADP_RIBOSYLASE_ACTIVITY
                                                                                                               REACTOME_CA_DEPENDENT_EVENTS, REACTOME_CA_DEPENDENT_EVENTS
                                                                                                              GOBP_LYMPHOCYTE_MIGRATION, GOBP_LYMPHOCYTE_MIGRATION
                                                                                                               GOMF_INTRAMEMBRANE_LIPID_TRANSPORTER_ACTIVITY, GOMF_INTRAMEMBRANE_LIPID_TRANSPORTER_ACTIVITY
                                                                                                              MIR218_2_3P, MIR218_2_3P
                                                                                                              PID_CDC42_REG_PATHWAY, PID_CDC42_REG_PATHWAY
                                                                                                              NRL_DN.V1_DN, NRL_DN.V1_DN
                                                                                                              WP_GLYCOSAMINOGLYCAN_DEGRADATION, WP_GLYCOSAMINOGLYCAN_DEGRADATION
                                                                                                              GOBP_EARLY_ENDOSOME_TO_GOLGI_TRANSPORT, GOBP_EARLY_ENDOSOME_TO_GOLGI_TRANSPORT
                                                                                                              MIR1289, MIR1289
                                                                                                               GOBP_PHOSPHATIDYLETHANOLAMINE_METABOLIC_PROCESS, GOBP_PHOSPHATIDYLETHANOLAMINE_METABOLIC_PROCESS
                                                                                                               GGCAGAC_MIR346, GGCAGAC_MIR346
                                                                                                               MORI_EMU_MYC_LYMPHOMA_BY_ONSET_TIME_DN, MORI_EMU_MYC_LYMPHOMA_BY_ONSET_TIME_DN
                                                                                                               ZHENG_FOXP3_TARGETS_UP, ZHENG_FOXP3_TARGETS_UP
                                                                                                               MIR4433B 5P, MIR4433B 5P
                                                                                                               NEUROG3_TARGET_GENES, NEUROG3_TARGET_GENES
                                                                                                               REACTOME_NF_KB_ACTIVATION_THROUGH_FADD_RIP_1_PATHWAY_MEDIATED_BY_CASPASE_8_AND_10, REACTOME_NF_KB_ACTIVATION_THROUGH_FADD_RIP_1_PATHWAY_MEI
                                                                                                               HP_ARRHINENCEPHALY, HP_ARRHINENCEPHALY
                                                                                                              GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_NAD_P_H_OXYGEN_AS_ACCEPTOR, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_NAD_P_H_OXYGEN_AS_ACCEPTOR
                                                                                                               KEGG_GLYCOSAMINOGLYCAN_DEGRADATION, KEGG_GLYCOSAMINOGLYCAN_DEGRADATION
                                                                                                               BAUS_TFF2_TARGETS_UP, BAUS_TFF2_TARGETS_UP
                                                                                                              GOBP_RESPONSE_TO_HEPATOCYTE_GROWTH_FACTOR, GOBP_RESPONSE_TO_HEPATOCYTE_GROWTH_FACTOR
                                                                                                               HP_AGYRIA, HP_AGYRIA
                                                                                                              WP_INTERACTOME_OF_POLYCOMB_REPRESSIVE_COMPLEX_2_PRC2, WP_INTERACTOME_OF_POLYCOMB_REPRESSIVE_COMPLEX_2_PRC2
                                                                                                              GOBP_SKELETAL_MUSCLE_CONTRACTION, GOBP_SKELETAL_MUSCLE_CONTRACTION
                                                                                                              MODULE_213, MODULE_213
                                                                                                              ZNF529 TARGET GENES, ZNF529 TARGET GENES
                                                                                                              REACTOME_NICOTINATE_METABOLISM, REACTOME_NICOTINATE_METABOLISM
S_LISTERIA_IND_EFF_CD4_TCELL_UP, GSE10094_LCMV_VS_LISTERIA_IND_EFF_CD4_TCELL_UP
                                                                                                              HP_MYOSITIS, HP_MYOSITIS
                                                                                                              GOBP_SECONDARY_METABOLITE_BIOSYNTHETIC_PROCESS, GOBP_SECONDARY_METABOLITE_BIOSYNTHETIC_PROCESS
                                                                                                              ZNF791_TARGET_GENES, ZNF791_TARGET_GENES
                                                                                                              OLSSON_E2F3_TARGETS_UP, OLSSON_E2F3_TARGETS_UP
                                                                                                              CHIANG_LIVER_CANCER_SUBCLASS_POLYSOMY7_DN, CHIANG_LIVER_CANCER_SUBCLASS_POLYSOMY7_DN
                                                                                                              GOCC_SARCOPLASMIC_RETICULUM_MEMBRANE, GOCC_SARCOPLASMIC_RETICULUM_MEMBRANE
                                                                                                               GOBP_PROTEIN_MONO_ADP_RIBOSYLATION, GOBP_PROTEIN_MONO_ADP_RIBOSYLATION
                                                                                                               GOBP_GLYCEROPHOSPHOLIPID_CATABOLIC_PROCESS, GOBP_GLYCEROPHOSPHOLIPID_CATABOLIC_PROCESS
                                                                                                               GOCC_PRC1_COMPLEX, GOCC_PRC1_COMPLEX
                                                                                                               GOBP_MULTICELLULAR_ORGANISMAL_IRON_ION_HOMEOSTASIS, GOBP_MULTICELLULAR_ORGANISMAL_IRON_ION_HOMEOSTASIS
                                                                                                               GOBP_HISTONE_H3_K4_TRIMETHYLATION, GOBP_HISTONE_H3_K4_TRIMETHYLATION
                                                                                                               GOBP_SUCKLING_BEHAVIOR, GOBP_SUCKLING_BEHAVIOR
                                                                                                               GOBP_CERAMIDE_TRANSPORT, GOBP_CERAMIDE_TRANSPORT
                                                                                                              MIR8074, MIR8074
                                                                                                               GOBP_NEUROBLAST_PROLIFERATION, GOBP_NEUROBLAST_PROLIFERATION
                                                                                                               REACTOME_TRAF6_MEDIATED_NF_KB_ACTIVATION, REACTOME_TRAF6_MEDIATED_NF_KB_ACTIVATION
                                                                                                               GYORFFY_DOXORUBICIN_RESISTANCE, GYORFFY_DOXORUBICIN_RESISTANCE
                                                                                                               GOBP_MULTICELLULAR_ORGANISMAL_MOVEMENT, GOBP_MULTICELLULAR_ORGANISMAL_MOVEMENT
                                                                                                               GOBP_PLATELET_ACTIVATING_FACTOR_METABOLIC_PROCESS, GOBP_PLATELET_ACTIVATING_FACTOR_METABOLIC_PROCESS
                                                                                                               GOMF_LYSOPHOSPHOLIPASE_ACTIVITY, GOMF_LYSOPHOSPHOLIPASE_ACTIVITY
                                                                                                              MIR6082, MIR6082
                                                                                                              GOBP_REGULATION_OF_CHLORIDE_TRANSPORT, GOBP_REGULATION_OF_CHLORIDE_TRANSPORT
                                                                                                               GOCC_CELL_TRAILING_EDGE, GOCC_CELL_TRAILING_EDGE
                                                                                                              HP_OSTEOPETROSIS, HP_OSTEOPETROSIS
                                                                                                              chr1p22, chr1p22
                                                                                                              GOBP_SYNAPTIC_TRANSMISSION_CHOLINERGIC, GOBP_SYNAPTIC_TRANSMISSION_CHOLINERGIC
                                                                                                              GOBP_REGULATION_OF_PINOCYTOSIS, GOBP_REGULATION_OF_PINOCYTOSIS
                                                                                                              GOMF_CALCIUM_INDEPENDENT_PHOSPHOLIPASE_A2_ACTIVITY, GOMF_CALCIUM_INDEPENDENT_PHOSPHOLIPASE_A2_ACTIVITY
                                                                                                              REACTOME_MISCELLANEOUS_TRANSPORT_AND_BINDING_EVENTS, REACTOME_MISCELLANEOUS_TRANSPORT_AND_BINDING_EVENTS
                                                                                                              GOBP_LIPID_DROPLET_ORGANIZATION, GOBP_LIPID_DROPLET_ORGANIZATION
                                                                                                              REACTOME_INTERLEUKIN_9_SIGNALING, REACTOME_INTERLEUKIN_9_SIGNALING
                                                                                                              HP_OSTEOLYSIS_INVOLVING_BONES_OF_THE_FEET, HP_OSTEOLYSIS_INVOLVING_BONES_OF_THE_FEET
                                                                                                              GOBP_POSITIVE_REGULATION_OF_CAMP_DEPENDENT_PROTEIN_KINASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_CAMP_DEPENDENT_PROTEIN_KINASE_ACTIVITY
                                                                                                              GREENBAUM_E2A_TARGETS_DN, GREENBAUM_E2A_TARGETS_DN
                                                                                                              GOBP_RESPONSE_TO_INTERLEUKIN_9, GOBP_RESPONSE_TO_INTERLEUKIN_9
                                                                                                              CROONQUIST_STROMAL_STIMULATION_DN, CROONQUIST_STROMAL_STIMULATION_DN
                                                                                                              GOBP_MATURE_B_CELL_DIFFERENTIATION_INVOLVED_IN_IMMUNE_RESPONSE, GOBP_MATURE_B_CELL_DIFFERENTIATION_INVOLVED_IN_IMMUNE_RESPONSE
                                                                                                              GOMF_PHOSPHOLIPASE_A2_ACTIVITY_CONSUMING_1_2_DIPALMITOYLPHOSPHATIDYLCHOLINE, GOMF_PHOSPHOLIPASE_A2_ACTIVITY_CONSUMING_1_2_DIPALMITOYLPHOSPHAT
                                                                                                              GOMF_PHOSPHOLIPASE_A2_ACTIVITY, GOMF_PHOSPHOLIPASE_A2_ACTIVITY
                                                                                                              GOBP_NEGATIVE_REGULATION_OF_AMINO_ACID_TRANSPORT, GOBP_NEGATIVE_REGULATION_OF_AMINO_ACID_TRANSPORT
                                                                                                              GOBP_NADH_OXIDATION, GOBP_NADH_OXIDATION
                                                                                                              HP_CONGENITAL_LOCALIZED_ABSENCE_OF_SKIN, HP_CONGENITAL_LOCALIZED_ABSENCE_OF_SKIN
                                                                                                              GOBP_SEQUESTERING_OF_ZINC_ION, GOBP_SEQUESTERING_OF_ZINC_ION
                                                                                                              GOMF_LIPASE_INHIBITOR_ACTIVITY, GOMF_LIPASE_INHIBITOR_ACTIVITY
                                                                                                              REACTOME_CASPASE_ACTIVATION_VIA_DEPENDENCE_RECEPTORS_IN_THE_ABSENCE_OF_LIGAND, REACTOME_CASPASE_ACTIVATION_VIA_DEPENDENCE_RECEPTORS_IN_THE_ABSENCE_DEPENDENCE_TOTATION_THE_ABSENCE_TOTATION_THE_ABSENCE_TOTATION_THE_ABSENCE_TOTATION_THE_ABSENCE_TOTATION_THE_ABSENCE_TOTATION_THE_ABSENCE_TOTATION_THE_ABSENCE_TOTATION_THE_ABSENCE_TOTATION_THE_ABSENCE_TOTATION_THE ABSENCE_TOTATION_THE ABSENCE_TOTATION_THE_ABSENCE_TOTATION_THE ABSENCE_TOTATION_THE ABSENCE_TOTATION_THE A
                                                                                                              HP_ANKLE_WEAKNESS, HP_ANKLE_WEAKNESS
                                                                                                              GOBP_POSITIVE_REGULATION_OF_STRIATED_MUSCLE_CELL_APOPTOTIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_STRIATED_MUSCLE_CELL_APOPTOTIC_PROCESS
                                                                                                              GOMF ABC TYPE XENOBIOTIC TRANSPORTER ACTIVITY, GOMF ABC TYPE XENOBIOTIC TRANSPORTER ACTIVITY
                                                                                                              BIOCARTA_MRP_PATHWAY, BIOCARTA_MRP_PATHWAY
                                                                                                              HP_POSTERIOR_FOSSA_CYST, HP_POSTERIOR_FOSSA_CYST
                                                                                                              GOBP_DENDRITIC_CELL_APOPTOTIC_PROCESS, GOBP_DENDRITIC_CELL_APOPTOTIC_PROCESS
                                                                                                              GOMF_ACETYLCHOLINE_RECEPTOR_ACTIVITY, GOMF_ACETYLCHOLINE_RECEPTOR_ACTIVITY
                                                                                                              GOBP_PHENOL_CONTAINING_COMPOUND_BIOSYNTHETIC_PROCESS, GOBP_PHENOL_CONTAINING_COMPOUND_BIOSYNTHETIC_PROCESS
                                                                                                              GOCC_HIPPOCAMPAL_MOSSY_FIBER, GOCC_HIPPOCAMPAL_MOSSY_FIBER
                                                                                                              GOMF_1_ACYL_2_LYSOPHOSPHATIDYLSERINE_ACYLHYDROLASE_ACTIVITY, GOMF_1_ACYL_2_LYSOPHOSPHATIDYLSERINE_ACYLHYDROLASE_ACTIVITY
                                                                                                              GOMF_SPHINGOLIPID_TRANSFER_ACTIVITY, GOMF_SPHINGOLIPID_TRANSFER_ACTIVITY
                                                                                                              GOBP AMINOPHOSPHOLIPID TRANSPORT, GOBP AMINOPHOSPHOLIPID TRANSPORT
                                                                                                              GOBP_RESPONSE_TO_CGMP, GOBP_RESPONSE_TO_CGMP
                                                                                                              GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_INTERFERON_GAMMA, GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_INTERFERON_GAMMA
                                                                                                              GOBP_REGULATION_OF_FC_GAMMA_RECEPTOR_SIGNALING_PATHWAY_INVOLVED_IN_PHAGOCYTOSIS, GOBP_REGULATION_OF_FC_GAMMA_RECEPTOR_SIGNALING_PATHWAY_II
                                                                                                               HP EXUDATIVE VITREORETINOPATHY, HP EXUDATIVE VITREORETINOPATHY
                                                                                                              WP_LNCRNAMEDIATED_MECHANISMS_OF_THERAPEUTIC_RESISTANCE, WP_LNCRNAMEDIATED_MECHANISMS_OF_THERAPEUTIC_RESISTANCE
                                                                                                              GOBP_KERATAN_SULFATE_CATABOLIC_PROCESS, GOBP_KERATAN_SULFATE_CATABOLIC_PROCESS
                                                                                                               GOMF PHOSPHOLIPASE A1 ACTIVITY, GOMF PHOSPHOLIPASE A1 ACTIVITY
                                                                                                              GOCC_DENTATE_GYRUS_MOSSY_FIBER, GOCC_DENTATE_GYRUS_MOSSY_FIBER
                                                                                                              HP_DECREASED_MINIATURE_ENDPLATE_POTENTIALS, HP_DECREASED_MINIATURE_ENDPLATE_POTENTIALS
                                                                                                              HP_TRICEPS_WEAKNESS, HP_TRICEPS_WEAKNESS
                                                                                                              HP_ABNORMAL_RENAL_CORTICOMEDULLARY_DIFFERENTIATION, HP_ABNORMAL_RENAL_CORTICOMEDULLARY_DIFFERENTIATION
                                                                                                              GOBP_REGULATION_OF_ANION_CHANNEL_ACTIVITY, GOBP_REGULATION_OF_ANION_CHANNEL_ACTIVITY
                                                                                                              GOBP_INTERLEUKIN_4_MEDIATED_SIGNALING_PATHWAY, GOBP_INTERLEUKIN_4_MEDIATED_SIGNALING_PATHWAY
                                                                                                              GOMF OXYSTEROL BINDING, GOMF OXYSTEROL BINDING
                                                                                                              GOBP_CIRCADIAN_SLEEP_WAKE_CYCLE_SLEEP, GOBP_CIRCADIAN_SLEEP_WAKE_CYCLE_SLEEP
                                                                                                               HP_BELL_SHAPED_THORAX, HP_BELL_SHAPED_THORAX
                                                                                                              HP_HEPARAN_SULFATE_EXCRETION_IN_URINE, HP_HEPARAN_SULFATE_EXCRETION_IN_URINE
                                                                                                              GOBP_CERAMIDE_1_PHOSPHATE_TRANSPORT, GOBP_CERAMIDE_1_PHOSPHATE_TRANSPORT
                                                                                                               GOMF_CERAMIDE_1_PHOSPHATE_BINDING, GOMF_CERAMIDE_1_PHOSPHATE_BINDING
                                                                                                               GOMF_CERAMIDE_1_PHOSPHATE_TRANSFER_ACTIVITY, GOMF_CERAMIDE_1_PHOSPHATE_TRANSFER_ACTIVITY
                                                                                                               GOBP_POSITIVE_REGULATION_OF_CIRCADIAN_RHYTHM, GOBP_POSITIVE_REGULATION_OF_CIRCADIAN_RHYTHM
                                                                                                               GOBP_SEROTONIN_METABOLIC_PROCESS, GOBP_SEROTONIN_METABOLIC_PROCESS
                                                                                                               HP_DECREASED_SIZE_OF_NERVE_TERMINALS, HP_DECREASED_SIZE_OF_NERVE_TERMINALS
                                                                                                               GOBP_PHOSPHATIDYLCHOLINE_CATABOLIC_PROCESS, GOBP_PHOSPHATIDYLCHOLINE_CATABOLIC_PROCESS
                                                                                                               GOMF PHOSPHATIDYL PHOSPHOLIPASE B ACTIVITY, GOMF PHOSPHATIDYL PHOSPHOLIPASE B ACTIVITY
                                                                                                               GOMF_SPHINGOLIPID_TRANSPORTER_ACTIVITY, GOMF_SPHINGOLIPID_TRANSPORTER_ACTIVITY
                                                                                                               MODULE_328, MODULE_328
                                                                                                              GOBP_POSITIVE_REGULATION_OF_MULTI_ORGANISM_PROCESS, GOBP_POSITIVE_REGULATION_OF_MULTI_ORGANISM_PROCESS
                                                                                                              HP_APLASIA_CUTIS_CONGENITA_OVER_THE_SCALP_VERTEX, HP_APLASIA_CUTIS_CONGENITA_OVER_THE_SCALP_VERTEX
                                                                                                              GOBP CORPUS CALLOSUM MORPHOGENESIS, GOBP CORPUS CALLOSUM MORPHOGENESIS
                                                                                                              REACTOME_ABACAVIR_TRANSMEMBRANE_TRANSPORT, REACTOME_ABACAVIR_TRANSMEMBRANE_TRANSPORT
                                                                                                               HP_MENINGOENCEPHALOCELE, HP_MENINGOENCEPHALOCELE
                                                                                                              GOBP_NEGATIVE_REGULATION_OF_SECONDARY_METABOLITE_BIOSYNTHETIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_SECONDARY_METABOLITE_BIOSYNTHETIC_PROCESS
                                                                                                              GOBP POSITIVE REGULATION OF FERTILIZATION, GOBP POSITIVE REGULATION OF FERTILIZATION
                                                                                                              HP PERIPAPILLARY ATROPHY, HP PERIPAPILLARY ATROPHY
                                                                                                              PBRM1 TARGET GENES, PBRM1 TARGET GENES
                                                                                                              GOMF_PHOSPHOLIPASE_INHIBITOR_ACTIVITY, GOMF_PHOSPHOLIPASE_INHIBITOR_ACTIVITY
                                                                                                              REACTOME_KERATAN_SULFATE_DEGRADATION, REACTOME_KERATAN_SULFATE_DEGRADATION
                                                                                                              GOBP_AMMONIUM_ION_METABOLIC_PROCESS, GOBP_AMMONIUM_ION_METABOLIC_PROCESS
                                                                                                              GOMF_PHOSPHOLIPASE_A2_INHIBITOR_ACTIVITY, GOMF_PHOSPHOLIPASE_A2_INHIBITOR_ACTIVITY
                                                                                                              GOMF PHOSPHATIDYLETHANOLAMINE FLIPPASE ACTIVITY, GOMF PHOSPHATIDYLETHANOLAMINE FLIPPASE ACTIVITY
                                                                                                              HP INCREASED SKULL OSSIFICATION, HP INCREASED SKULL OSSIFICATION
                                                                                                              GOBP_BEHAVIORAL_RESPONSE_TO_NICOTINE, GOBP_BEHAVIORAL_RESPONSE_TO_NICOTINE
                                                                                                              GOBP_PRIMARY_AMINO_COMPOUND_METABOLIC_PROCESS, GOBP_PRIMARY_AMINO_COMPOUND_METABOLIC_PROCESS
                                                                                                              HP_ABNORMAL_C_PEPTIDE_LEVEL, HP_ABNORMAL_C_PEPTIDE_LEVEL
                                                                                                              MODULE_267, MODULE_267
                                                                                                              HP_ABNORMAL_ORAL_GLUCOSE_TOLERANCE, HP_ABNORMAL_ORAL_GLUCOSE_TOLERANCE
                                                                                                              GOBP_BICARBONATE_TRANSPORT, GOBP_BICARBONATE_TRANSPORT
                                                                                                              REACTOME_HYDROLYSIS_OF_LPC, REACTOME_HYDROLYSIS_OF_LPC
                                                                                                              REACTOME_GLYCEROPHOSPHOLIPID_CATABOLISM, REACTOME_GLYCEROPHOSPHOLIPID_CATABOLISM
                                                                                                              GOBP_CDP_CHOLINE_PATHWAY, GOBP_CDP_CHOLINE_PATHWAY
                                                                                                               GOBP_CIRCADIAN_SLEEP_WAKE_CYCLE_NON_REM_SLEEP, GOBP_CIRCADIAN_SLEEP_WAKE_CYCLE_NON REM SLEEP
                                                                                                              HP POSTERIOR RIB CUPPING, HP POSTERIOR RIB CUPPING
                                                                                                              GOBP_XENOBIOTIC_TRANSPORT_ACROSS_BLOOD_BRAIN_BARRIER, GOBP_XENOBIOTIC_TRANSPORT_ACROSS_BLOOD_BRAIN_BARRIER
                                                                                                              GOBP SEQUESTERING OF METAL ION, GOBP SEQUESTERING OF METAL ION
                                                                                                              GOBP_BRAIN_DERIVED_NEUROTROPHIC_FACTOR_RECEPTOR_SIGNALING_PATHWAY, GOBP_BRAIN_DERIVED_NEUROTROPHIC_FACTOR_RECEPTOR_SIGNALING_PATHWAY
                                                                                                              WU_ALZHEIMER_DISEASE_UP, WU_ALZHEIMER_DISEASE_UP
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HP PAINLESS FRACTURES DUE TO INJURY, HP PAINLESS FRACTURES DUE TO INJURY