```
GSE13485_DAY1_VS_DAY3_YF17D_VACCINE_PBMC_DN, GSE13485_DAY1_VS_DAY3_YF17D_VACCINE_PBMC_DN
                                                                                            GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_MIR155_KO_DN, GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_MIR155_KO_DN
                                                                                            GSE13485_DAY1_VS_DAY7_YF17D_VACCINE_PBMC_DN, GSE13485_DAY1_VS_DAY7_YF17D_VACCINE_PBMC_DN
                                                                                            GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_2H_CD4_TCELL_DN, GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_2H_CD4_TCELL_DN
                                                                                            GSE10239_NAIVE_VS_MEMORY_CD8_TCELL_UP, GSE10239_NAIVE_VS_MEMORY_CD8_TCELL_UP
                                                                                            GSE17974_0H_VS_1H_IN_VITRO_ACT_CD4_TCELL_DN, GSE17974_0H_VS_1H_IN_VITRO_ACT_CD4_TCELL_DN
                                                                                            GSE13484_UNSTIM_VS_12H_YF17D_VACCINE_STIM_PBMC_DN, GSE13484_UNSTIM_VS_12H_YF17D_VACCINE_STIM_PBMC_DN
                                                                                            GSE29949_MICROGLIA_BRAIN_VS_CD8_POS_DC_SPLEEN_UP, GSE29949_MICROGLIA_BRAIN_VS_CD8_POS_DC_SPLEEN_UP
                                                                                            GSE14308_TH1_VS_NATURAL_TREG_DN, GSE14308_TH1_VS_NATURAL_TREG_DN
                                                                                            GSE2124_CTRL_VS_LYMPHOTOXIN_BETA_TREATED_MLN_DN, GSE2124_CTRL_VS_LYMPHOTOXIN_BETA_TREATED_MLN_DN
                                                                                            GSE27291 OH VS 7D STIM GAMMADELTA TCELL UP, GSE27291 OH VS 7D STIM GAMMADELTA TCELL UP
                                                                                            GSE45365_CD8A_DC_VS_CD11B_DC_IFNAR_KO_DN, GSE45365_CD8A_DC_VS_CD11B_DC_IFNAR_KO_DN
                                                                                            GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_0.5H_CD4_TCELL_DN, GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_0.5H_CD4_TCELL_DN
                                                                                            GSE25123_CTRL_VS_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DN, GSE25123_CTRL_VS_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DN
                                                                                            GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_2H_UP, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_2H_UP
                                                                                            MIR520A_5P, MIR520A_5P
                                                                                            MIR525_5P, MIR525_5P
                                                                                            GSE17974_0H_VS_0.5H_IN_VITRO_ACT_CD4_TCELL_DN, GSE17974_0H_VS_0.5H_IN_VITRO_ACT_CD4_TCELL_DN
                                                                                            GSE16385_IFNG_TNF_VS_ROSIGLITAZONE_STIM_MACROPHAGE_UP, GSE16385_IFNG_TNF_VS_ROSIGLITAZONE_STIM_MACROPHAGE_UP
                                                                                            MIR4428, MIR4428
                                                                                            MIR6849_3P, MIR6849_3P
                                                                                            MIR802, MIR802
                                                                                            GSE21927_HEALTHY_VS_TUMOROUS_BALBC_MOUSE_MONOCYTE_UP, GSE21927_HEALTHY_VS_TUMOROUS_BALBC_MOUSE_MONOCYTE_UP
                                                                                            MIR379_3P_MIR411_3P, MIR379_3P_MIR411_3P
                                                                                            GSE15659_CD45RA_NEG_CD4_TCELL_VS_ACTIVATED_TREG_DN, GSE15659_CD45RA_NEG_CD4_TCELL_VS_ACTIVATED_TREG_DN
                                                                                            GSE15624_3H_VS_6H_HALOFUGINONE_TREATED_CD4_TCELL_DN, GSE15624_3H_VS_6H_HALOFUGINONE_TREATED_CD4_TCELL_DN
                                                                                            MIR1910_5P, MIR1910_5P
                                                                                            MIR133A_5P, MIR133A_5P
                                                                                           MIR196A_3P, MIR196A_3P
                                                                                            MIR5089_5P, MIR5089_5P
                                                                                            GSE15659_RESTING_TREG_VS_NONSUPPRESSIVE_TCELL_DN, GSE15659_RESTING_TREG_VS_NONSUPPRESSIVE_TCELL_DN
                                                                                            GSE18281_SUBCAPSULAR_VS_PERIMEDULLARY_CORTICAL_REGION_OF_THYMUS_DN, GSE18281_SUBCAPSULAR_VS_PERIMEDULLARY_CORTICAL_REGION_OF_THYMUS_DN
                                                                                            GOBP_HISTONE_H3_K4_METHYLATION, GOBP_HISTONE_H3_K4_METHYLATION
                                                                                            ATF6_01, ATF6_01
                                                                                            MIR4696, MIR4696
                                                                                            MIR6131, MIR6131
                                                                                            MIR610, MIR610
                                                                                            MIR6796_3P, MIR6796_3P
                                                                                            MIR6776_3P, MIR6776_3P
                                                                                            GSE6259_33D1_POS_DC_VS_CD8_TCELL_DN, GSE6259_33D1_POS_DC_VS_CD8_TCELL_DN
                                                                                            MIR549A 3P, MIR549A 3P
                                                                                            GOBP_ERROR_FREE_TRANSLESION_SYNTHESIS, GOBP_ERROR_FREE_TRANSLESION_SYNTHESIS
                                                                                            CCAWWNAAGG_SRF_Q4, CCAWWNAAGG_SRF_Q4
                                                                                            GOBP_FIBROBLAST_MIGRATION, GOBP_FIBROBLAST_MIGRATION
                                                                                            MIR7153 3P, MIR7153 3P
                                                                                            TBK1.DN.48HRS UP, TBK1.DN.48HRS UP
                                                                                            MIR100_3P, MIR100_3P
                                                                                            MIR4519, MIR4519
                                                                                            MIR4786_5P, MIR4786_5P
                                                                                            MIR411 5P, MIR411 5P
                                                                                            MIR3617_3P, MIR3617_3P
                                                                                            MIR921, MIR921
                                                                                            WP_SPHINGOLIPID_PATHWAY, WP_SPHINGOLIPID_PATHWAY
                                                                                            KENNY_CTNNB1_TARGETS_UP, KENNY_CTNNB1_TARGETS_UP
                                                                                            MIR10B_3P, MIR10B_3P
                                                                                            REACTOME_PROTEIN_METHYLATION, REACTOME_PROTEIN_METHYLATION
                                                                                            GSE13485_PRE_VS_POST_YF17D_VACCINATION_PBMC_UP, GSE13485_PRE_VS_POST_YF17D_VACCINATION_PBMC_UP
                                                                                            HOFT_CD4_POSITIVE_ALPHA_BETA_MEMORY_T_CELL_BCG_VACCINE_AGE_18_45YO_ID_56D_TOP_100_DEG_AFTER_IN_VITRO_RE_STIMULATION_DN, HOFT_CD4_POSITIVE_ALPHA_BETA_MEMORY_T_CELL_BCG_VACCINE_AGE_18_45YO_ID_56D_TOP_100_DEG_AFTER_IN_VITRO
                                                                                            GOBP_REGULATION_OF_HISTONE_H3_K4_METHYLATION, GOBP_REGULATION_OF_HISTONE_H3_K4_METHYLATION
                                                                                            MIR3126_3P, MIR3126_3P
                                                                                            GAZDA_DIAMOND_BLACKFAN_ANEMIA_PROGENITOR_UP, GAZDA_DIAMOND_BLACKFAN_ANEMIA_PROGENITOR_UP
                                                                                            GSE13485_CTRL_VS_DAY3_YF17D_VACCINE_PBMC_UP, GSE13485_CTRL_VS_DAY3_YF17D_VACCINE_PBMC_UP
                                                                                            PID_TCR_JNK_PATHWAY, PID_TCR_JNK_PATHWAY
                                                                                            BIOCARTA_GLEEVEC_PATHWAY, BIOCARTA_GLEEVEC_PATHWAY
                                                                                            GOBP_POSTSYNAPTIC_SIGNAL_TRANSDUCTION, GOBP_POSTSYNAPTIC_SIGNAL_TRANSDUCTION
                                                                                            PID_NEPHRIN_NEPH1_PATHWAY, PID_NEPHRIN_NEPH1_PATHWAY
                                                                                            KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_GAMMA_IN_OLD, KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_GAMMA_IN_OLD
                                                                                            GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_YELLOW_DN, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_YELLOW_DN
                                                                                            GOBP_GOLGI_TO_VACUOLE_TRANSPORT, GOBP_GOLGI_TO_VACUOLE_TRANSPORT
                                                                                            MODULE_372, MODULE_372
                                                                                            HP_OLIGOMENORRHEA, HP_OLIGOMENORRHEA
                                                                                            GOBP_REGULATION_OF_CLATHRIN_DEPENDENT_ENDOCYTOSIS, GOBP_REGULATION_OF_CLATHRIN_DEPENDENT_ENDOCYTOSIS
                                                                                            MIR4484, MIR4484
                                                                                            PID_AP1_PATHWAY, PID_AP1_PATHWAY
                                                                                            REACTOME_SUPPRESSION_OF_PHAGOSOMAL_MATURATION, REACTOME_SUPPRESSION_OF_PHAGOSOMAL_MATURATION
                                                                                            GOMF_HISTONE_METHYLTRANSFERASE_ACTIVITY_H3_K4_SPECIFIC, GOMF_HISTONE_METHYLTRANSFERASE_ACTIVITY_H3_K4_SPECIFIC
                                                                                            GOBP_NEGATIVE_REGULATION_OF_INTRACELLULAR_TRANSPORT, GOBP_NEGATIVE_REGULATION_OF_INTRACELLULAR_TRANSPORT
                                                                                            GOBP_DNA_CATABOLIC_PROCESS_ENDONUCLEOLYTIC, GOBP_DNA_CATABOLIC_PROCESS_ENDONUCLEOLYTIC
                                                                                            AIYAR_COBRA1_TARGETS_UP, AIYAR_COBRA1_TARGETS_UP
                                                                                            LOPEZ_MESOTELIOMA_SURVIVAL_TIME_UP, LOPEZ_MESOTELIOMA_SURVIVAL_TIME_UP
                                                                                            VARELA_ZMPSTE24_TARGETS_DN, VARELA_ZMPSTE24_TARGETS_DN
                                                                                            GOBP_SPLEEN_DEVELOPMENT, GOBP_SPLEEN_DEVELOPMENT
                                                                                            HP_HAPPY_DEMEANOR, HP_HAPPY_DEMEANOR
                                                                                            HP_DISTAL_JOINT_LAXITY, HP_DISTAL_JOINT_LAXITY
                                                                                            BOYAULT LIVER CANCER SUBCLASS G2, BOYAULT LIVER CANCER SUBCLASS G2
                                                                                            HP_RECURRENT_SINUSITIS, HP_RECURRENT_SINUSITIS
                                                                                            WP_WHITE_FAT_CELL_DIFFERENTIATION, WP_WHITE_FAT_CELL_DIFFERENTIATION
                                                                                            GOBP_MEIOTIC_SPINDLE_ORGANIZATION, GOBP_MEIOTIC_SPINDLE_ORGANIZATION
                                                                                            MIR10400 3P MIR4674, MIR10400 3P MIR4674
                                                                                            GOBP_PROTEIN_NEDDYLATION, GOBP_PROTEIN_NEDDYLATION
                                                                                            GOBP_DOUBLE_STRAND_BREAK_REPAIR_VIA_SYNTHESIS_DEPENDENT_STRAND_ANNEALING, GOBP_DOUBLE_STRAND_BREAK_REPAIR_VIA_SYNTHESIS_DEPENDENT_STRAND_ANNEALING
                                                                                            GOMF_SIGNAL_RECOGNITION_PARTICLE_BINDING, GOMF_SIGNAL_RECOGNITION_PARTICLE_BINDING
                                                                                            GOBP_DNA_CATABOLIC_PROCESS, GOBP_DNA_CATABOLIC_PROCESS
                                                                                            HP_ABNORMAL_GLOMERULAR_MESANGIUM_MORPHOLOGY, HP_ABNORMAL_GLOMERULAR_MESANGIUM_MORPHOLOGY
                                                                                            MIR4683, MIR4683
                                                                                            CHEOK_RESPONSE_TO_MERCAPTOPURINE_AND_LD_MTX_UP, CHEOK_RESPONSE_TO_MERCAPTOPURINE_AND_LD_MTX_UP
                                                                                            ABE_VEGFA_TARGETS, ABE_VEGFA_TARGETS
                                                                                            GOBP_ENDOPLASMIC_RETICULUM_TUBULAR_NETWORK_ORGANIZATION, GOBP_ENDOPLASMIC_RETICULUM_TUBULAR_NETWORK_ORGANIZATION
                                                                                            HP_TRUNCUS_ARTERIOSUS, HP_TRUNCUS_ARTERIOSUS
                                                                                            MIR6503_3P, MIR6503_3P
                                                                                            MIR758 5P, MIR758 5P
                                                                                            GOMF_INOSITOL_PHOSPHATE_PHOSPHATASE_ACTIVITY, GOMF_INOSITOL_PHOSPHATE_PHOSPHATASE_ACTIVITY
                                                                                            MIR6820_5P, MIR6820_5P
                                                                                            GOMF_STEROID_HORMONE_RECEPTOR_ACTIVITY, GOMF_STEROID_HORMONE_RECEPTOR_ACTIVITY
                                                                                            MIR1296_3P, MIR1296_3P
                                                                                            chr9q32, chr9q32
                                                                                            MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_6, MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_6
                                                                                            FIGUEROA AML METHYLATION CLUSTER 3 DN, FIGUEROA AML METHYLATION CLUSTER 3 DN
                                                                                            GOBP_POSITIVE_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS, GOBP_POSITIVE_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS
                                                                                            HP_SPINAL_RIGIDITY, HP_SPINAL_RIGIDITY
                                                                                            GOMF_SMALL_RIBOSOMAL_SUBUNIT_RRNA_BINDING, GOMF_SMALL_RIBOSOMAL_SUBUNIT_RRNA_BINDING
                                                                                             WANG_RESPONSE_TO_FORSKOLIN_DN, WANG_RESPONSE_TO_FORSKOLIN_DN
                                                                                             ACGCACA_MIR210, ACGCACA_MIR210
                                                                                             KONDO_HYPOXIA, KONDO_HYPOXIA
                                                                                            GOCC_MRNA_EDITING_COMPLEX, GOCC_MRNA_EDITING_COMPLEX
                                                                                            GOBP_SKELETAL_MUSCLE_ACETYLCHOLINE_GATED_CHANNEL_CLUSTERING, GOBP_SKELETAL_MUSCLE_ACETYLCHOLINE_GATED_CHANNEL_CLUSTERING
                                                                                            HP_MYOFIBRILLAR_MYOPATHY, HP_MYOFIBRILLAR_MYOPATHY
                                                                                            GOBP_SPINDLE_ASSEMBLY_INVOLVED_IN_MEIOSIS, GOBP_SPINDLE_ASSEMBLY_INVOLVED_IN_MEIOSIS
                                                                                            GOCC_RAGULATOR_COMPLEX, GOCC_RAGULATOR_COMPLEX
                                                                                            GOMF_UBIQUITIN_PROTEIN_TRANSFERASE_INHIBITOR_ACTIVITY, GOMF_UBIQUITIN_PROTEIN_TRANSFERASE_INHIBITOR_ACTIVITY
                                                                                             GOBP_REGULATION_OF_LYMPHOCYTE_MIGRATION, GOBP_REGULATION_OF_LYMPHOCYTE_MIGRATION
                                                                                            REACTOME_SYNTHESIS_OF_IP2_IP_AND_INS_IN_THE_CYTOSOL, REACTOME_SYNTHESIS_OF_IP2_IP_AND_INS_IN_THE_CYTOSOL
                                                                                            HP_ANKYLOGLOSSIA, HP_ANKYLOGLOSSIA
                                                                                            HP_DIFFUSE_MESANGIAL_SCLEROSIS, HP_DIFFUSE_MESANGIAL_SCLEROSIS
                                                                                            BIOCARTA_RECK_PATHWAY, BIOCARTA_RECK_PATHWAY
DAY1_YF17D_VACCINE_PBMC_UP, GSE13485_CTRL_VS_DAY1_YF17D_VACCINE_PBMC_UP
                                                                                            GOBP_FEMALE_MEIOSIS_I, GOBP_FEMALE_MEIOSIS_I
                                                                                            GOBP_VESICLE_TETHERING, GOBP_VESICLE_TETHERING
                                                                                            GOMF_SELENIUM_BINDING, GOMF_SELENIUM_BINDING
                                                                                            KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_UV_IN_WS, KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_UV_IN_WS
                                                                                             MIR4798_3P, MIR4798_3P
                                                                                            GOBP_REGULATION_OF_MYELINATION, GOBP_REGULATION_OF_MYELINATION
                                                                                            WHITESIDE_CISPLATIN_RESISTANCE_DN, WHITESIDE_CISPLATIN_RESISTANCE_DN
                                                                                             AMIT_SERUM_RESPONSE_480_MCF10A, AMIT_SERUM_RESPONSE_480_MCF10A
                                                                                            GOBP_LEYDIG_CELL_DIFFERENTIATION, GOBP_LEYDIG_CELL_DIFFERENTIATION
                                                                                             GOBP_POSITIVE_REGULATION_OF_ACTIN_FILAMENT_DEPOLYMERIZATION, GOBP_POSITIVE_REGULATION_OF_ACTIN_FILAMENT_DEPOLYMERIZATION
                                                                                            GOBP_TROPHOBLAST_CELL_MIGRATION, GOBP_TROPHOBLAST_CELL_MIGRATION
                                                                                            GOCC_ER_UBIQUITIN_LIGASE_COMPLEX, GOCC_ER_UBIQUITIN_LIGASE_COMPLEX
                                                                                             MODULE 360, MODULE 360
                                                                                            GOBP_REGULATION_OF_MOTOR_NEURON_APOPTOTIC_PROCESS, GOBP_REGULATION_OF_MOTOR_NEURON_APOPTOTIC_PROCESS
                                                                                            GOMF_SERINE_TYPE_CARBOXYPEPTIDASE_ACTIVITY, GOMF_SERINE_TYPE_CARBOXYPEPTIDASE_ACTIVITY
                                                                                            GOMF_GLYCOLIPID_MANNOSYLTRANSFERASE_ACTIVITY, GOMF_GLYCOLIPID_MANNOSYLTRANSFERASE_ACTIVITY
                                                                                            GOMF_UBIQUITIN_LIGASE_INHIBITOR_ACTIVITY, GOMF_UBIQUITIN_LIGASE_INHIBITOR_ACTIVITY
                                                                                            WP_NO_METABOLISM_IN_CYSTIC_FIBROSIS, WP_NO_METABOLISM_IN_CYSTIC_FIBROSIS
                                                                                            OSAWA_TNF_TARGETS, OSAWA_TNF_TARGETS
                                                                                            MARIADASON_RESPONSE_TO_BUTYRATE_CURCUMIN_SULINDAC_TSA_8, MARIADASON_RESPONSE_TO_BUTYRATE_CURCUMIN_SULINDAC_TSA_8
                                                                                            GOMF_SHORT_CHAIN_CARBOXYLESTERASE_ACTIVITY, GOMF_SHORT_CHAIN_CARBOXYLESTERASE_ACTIVITY
                                                                                            HP_WRITER_S_CRAMP, HP_WRITER_S_CRAMP
                                                                                            GOMF_LYSOPHOSPHATIDIC_ACID_RECEPTOR_ACTIVITY, GOMF_LYSOPHOSPHATIDIC_ACID_RECEPTOR_ACTIVITY
                                                                                            WP_ULTRACONSERVED_REGION_339_MODULATION_OF_TUMOR_SUPPRESSOR_MICRORNAS_IN_CANCER, WP_ULTRACONSERVED_REGION_339_MODULATION_OF_TUMOR_SUPPRESSOR_MICRORNAS_IN_CANCER
                                                                                            GOBP_PEPTIDYL_ARGININE_METHYLATION_TO_ASYMMETRICAL_DIMETHYL_ARGININE, GOBP_PEPTIDYL_ARGININE_METHYLATION_TO_ASYMMETRICAL_DIMETHYL_ARGININE
                                                                                            GOBP_REGULATION_OF_BONE_MINERALIZATION_INVOLVED_IN_BONE_MATURATION, GOBP_REGULATION_OF_BONE_MINERALIZATION_INVOLVED_IN_BONE_MATURATION
                                                                                            GOBP_POSITIVE_REGULATION_OF_CLATHRIN_DEPENDENT_ENDOCYTOSIS, GOBP_POSITIVE_REGULATION_OF_CLATHRIN_DEPENDENT_ENDOCYTOSIS
                                                                                            GOCC_CYTOPLASMIC_SIDE_OF_LYSOSOMAL_MEMBRANE, GOCC_CYTOPLASMIC_SIDE_OF_LYSOSOMAL_MEMBRANE
                                                                                            GOMF_PROTEIN_ARGININE_OMEGA_N_ASYMMETRIC_METHYLTRANSFERASE_ACTIVITY, GOMF_PROTEIN_ARGININE_OMEGA_N_ASYMMETRIC_METHYLTRANSFERASE_ACTIVITY
                                                                                            GOBP_NEGATIVE_REGULATION_OF_MEMBRANE_PROTEIN_ECTODOMAIN_PROTEOLYSIS, GOBP_NEGATIVE_REGULATION_OF_MEMBRANE_PROTEIN_ECTODOMAIN_PROTEOLYSIS
                                                                                            GOCC_CDC73_PAF1_COMPLEX, GOCC_CDC73_PAF1_COMPLEX
                                                                                            GOBP_POSITIVE_REGULATION_OF_GLIAL_CELL_MIGRATION, GOBP_POSITIVE_REGULATION_OF_GLIAL_CELL_MIGRATION
                                                                                            chr5q12, chr5q12
                                                                                            WP_IL1_AND_MEGAKARYOCYTES_IN_OBESITY, WP_IL1_AND_MEGAKARYOCYTES_IN_OBESITY
                                                                                            TOMLINS_METASTASIS_DN, TOMLINS_METASTASIS_DN
                                                                                            GOBP_LUTEINIZATION, GOBP_LUTEINIZATION
                                                                                            GOBP_PEPTIDYL_LYSINE_HYDROXYLATION, GOBP_PEPTIDYL_LYSINE_HYDROXYLATION
                                                                                            GOBP_POSITIVE_REGULATION_OF_NERVOUS_SYSTEM_PROCESS, GOBP_POSITIVE_REGULATION_OF_NERVOUS_SYSTEM_PROCESS
                                                                                            chr14q21, chr14q21
                                                                                            GOBP_OOGENESIS, GOBP_OOGENESIS
                                                                                            GOBP_NEGATIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MITOCHONDRION, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MITOCHONDRION
                                                                                            HP_GENERALIZED_DYSTONIA, HP_GENERALIZED_DYSTONIA
                                                                                            GOBP_VESICLE_TETHERING_TO_GOLGI, GOBP_VESICLE_TETHERING_TO_GOLGI
                                                                                            GOCC_GATOR1_COMPLEX, GOCC_GATOR1_COMPLEX
                                                                                            HP_CONJUGATED_HYPERBILIRUBINEMIA, HP_CONJUGATED_HYPERBILIRUBINEMIA
                                                                                            GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_MIGRATION, GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_MIGRATION
                                                                                            GOBP_RESPONSE_TO_BACTERIAL_LIPOPROTEIN, GOBP_RESPONSE_TO_BACTERIAL_LIPOPROTEIN
                                                                                            GOBP_BONE_MINERALIZATION_INVOLVED_IN_BONE_MATURATION, GOBP_BONE_MINERALIZATION_INVOLVED_IN_BONE_MATURATION
                                                                                            GOBP_POSITIVE_REGULATION_OF_MEGAKARYOCYTE_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_MEGAKARYOCYTE_DIFFERENTIATION
                                                                                            KONG_E2F1_TARGETS, KONG_E2F1_TARGETS
                                                                                            GOMF_FATTY_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_FATTY_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                            GOBP_RESPONSE_TO_UV_A, GOBP_RESPONSE_TO_UV_A
                                                                                            GOBP_CELLULAR_RESPONSE_TO_BACTERIAL_LIPOPROTEIN, GOBP_CELLULAR_RESPONSE_TO_BACTERIAL_LIPOPROTEIN
                                                                                            GOCC_HRD1P_UBIQUITIN_LIGASE_ERAD_L_COMPLEX, GOCC_HRD1P_UBIQUITIN_LIGASE_ERAD_L_COMPLEX
                                                                                            GOBP_SKELETAL_MUSCLE_SATELLITE_CELL_ACTIVATION, GOBP_SKELETAL_MUSCLE_SATELLITE_CELL_ACTIVATION
                                                                                            GOBP_RHOMBOMERE_DEVELOPMENT, GOBP_RHOMBOMERE_DEVELOPMENT
                                                                                            GOMF_TRIPLET_CODON_AMINO_ACID_ADAPTOR_ACTIVITY, GOMF_TRIPLET_CODON_AMINO_ACID_ADAPTOR_ACTIVITY
                                                                                            GOMF_METALLODIPEPTIDASE_ACTIVITY, GOMF_METALLODIPEPTIDASE_ACTIVITY
                                                                                            GOBP_DIAPEDESIS, GOBP_DIAPEDESIS
                                                                                            GOBP_PARATHYROID_GLAND_DEVELOPMENT, GOBP_PARATHYROID_GLAND_DEVELOPMENT
                                                                                            ERWIN_COHEN_BLOOD_VACCINE_TC_83_AGE_23_48YO_VACCINATED_VS_CONTROL_7DY_DN, ERWIN_COHEN_BLOOD_VACCINE_TC_83_AGE_23_48YO_VACCINATED_VS_CONTROL_7DY_DN
                                                                                            GOMF_HISTONE_ARGININE_N_METHYLTRANSFERASE_ACTIVITY, GOMF_HISTONE_ARGININE_N_METHYLTRANSFERASE_ACTIVITY
                                                                                            GOBP_POSITIVE_REGULATION_OF_PROTEIN_DEPOLYMERIZATION, GOBP_POSITIVE_REGULATION_OF_PROTEIN_DEPOLYMERIZATION
                                                                                            chr14q13, chr14q13
                                                                                            HP_TORSION_DYSTONIA, HP_TORSION_DYSTONIA
                                                                                            GOBP_MYELIN_MAINTENANCE, GOBP_MYELIN_MAINTENANCE
                                                                                            HP_ABNORMAL_LEVELS_OF_ALPHA_FETOPROTEIN, HP_ABNORMAL_LEVELS_OF_ALPHA_FETOPROTEIN
                                                                                            GOMF_CARBOXYPEPTIDASE_ACTIVITY, GOMF_CARBOXYPEPTIDASE_ACTIVITY
                                                                                            HP_RESPIRATORY_INSUFFICIENCY_DUE_TO_DEFECTIVE_CILIARY_CLEARANCE, HP_RESPIRATORY_INSUFFICIENCY_DUE_TO_DEFECTIVE_CILIARY_CLEARANCE
                                                                                            GOMF_ACTIVIN_ACTIVATED_RECEPTOR_ACTIVITY, GOMF_ACTIVIN_ACTIVATED_RECEPTOR_ACTIVITY
                                                                                            HP_ELEVATED_CIRCULATING_FOLLICLE_STIMULATING_HORMONE_LEVEL, HP_ELEVATED_CIRCULATING_FOLLICLE_STIMULATING_HORMONE_LEVEL
                                                                                            HP_SCALING_SKIN, HP_SCALING_SKIN
                                                                                            REACTOME_NOSTRIN_MEDIATED_ENOS_TRAFFICKING, REACTOME_NOSTRIN_MEDIATED_ENOS_TRAFFICKING
                                                                                            GOBP_SIALIC_ACID_TRANSPORT, GOBP_SIALIC_ACID_TRANSPORT
                                                                                            GOBP_DETECTION_OF_BACTERIAL_LIPOPROTEIN, GOBP_DETECTION_OF_BACTERIAL_LIPOPROTEIN
                                                                                            GOMF_ACETYLESTERASE_ACTIVITY, GOMF_ACETYLESTERASE_ACTIVITY
                                                                                            GOMF_SIALIC_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_SIALIC_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                            GOMF ACTIVIN RECEPTOR ACTIVITY TYPE I, GOMF ACTIVIN RECEPTOR ACTIVITY TYPE I
                                                                                            REACTOME_TRAFFICKING_OF_MYRISTOYLATED_PROTEINS_TO_THE_CILIUM, REACTOME_TRAFFICKING_OF_MYRISTOYLATED_PROTEINS_TO_THE_CILIUM
                                                                                            MIR1539, MIR1539
                                                                                            HP_LINGUAL_DYSTONIA, HP_LINGUAL_DYSTONIA
                                                                                            GOBP DNA ENDOREDUPLICATION, GOBP DNA ENDOREDUPLICATION
                                                                                            GOBP_REGULATION_OF_SKELETAL_MUSCLE_ACETYLCHOLINE_GATED_CHANNEL_CLUSTERING, GOBP_REGULATION_OF_SKELETAL_MUSCLE_ACETYLCHOLINE_GATED_CHANNEL_CLUSTERING
                                                                                            GOMF_INHIBIN_BINDING, GOMF_INHIBIN_BINDING
                                                                                            GOMF_PROTEIN_ARGININE_OMEGA_N_MONOMETHYLTRANSFERASE_ACTIVITY, GOMF_PROTEIN_ARGININE_OMEGA_N_MONOMETHYLTRANSFERASE_ACTIVITY
                                                                                            chr10p14, chr10p14
                                                                                            GOBP_FACIAL_NERVE_MORPHOGENESIS, GOBP_FACIAL_NERVE_MORPHOGENESIS
                                                                                            GOBP_DNA_INTEGRATION, GOBP_DNA_INTEGRATION
                                                                                            GOMF_LIPOPEPTIDE_BINDING, GOMF_LIPOPEPTIDE_BINDING
                                                                                            MIR339_3P, MIR339_3P
                                                                                            GOBP_REGULATION_OF_OOCYTE_MATURATION, GOBP_REGULATION_OF_OOCYTE_MATURATION
                                                                                            GOMF STEROID HORMONE BINDING, GOMF STEROID HORMONE BINDING
                                                                                            HP_ENURESIS_NOCTURNA, HP_ENURESIS_NOCTURNA
                                                                                            GOBP_REGULATION_OF_ENDOPLASMIC_RETICULUM_TUBULAR_NETWORK_ORGANIZATION, GOBP_REGULATION_OF_ENDOPLASMIC_RETICULUM_TUBULAR_NETWORK_ORGANIZATION
                                                                                            GOCC_PERICILIARY_MEMBRANE_COMPARTMENT, GOCC_PERICILIARY_MEMBRANE_COMPARTMENT
                                                                                            HP_ABNORMALITY_OF_EPIDERMAL_MORPHOLOGY, HP_ABNORMALITY_OF_EPIDERMAL_MORPHOLOGY
                                                                                            GOBP_PARASYMPATHETIC_NERVOUS_SYSTEM_DEVELOPMENT, GOBP_PARASYMPATHETIC_NERVOUS_SYSTEM_DEVELOPMENT
                                                                                            MCBRYAN TERMINAL END BUD UP, MCBRYAN TERMINAL END BUD UP
                                                                                            GOBP_CELLULAR_RESPONSE_TO_UV_A, GOBP_CELLULAR_RESPONSE_TO_UV_A
                                                                                            HOEK_MONOCYTE_2011_2012_TIV_ADULT_7DY_UP, HOEK_MONOCYTE_2011_2012_TIV_ADULT_7DY_UP
                                                                                            GOBP_ENDOTHELIN_RECEPTOR_SIGNALING_PATHWAY, GOBP_ENDOTHELIN_RECEPTOR_SIGNALING_PATHWAY
                                                                                            MIR4740_3P, MIR4740_3P
                                                                                            GOCC ACTIVIN RECEPTOR COMPLEX, GOCC ACTIVIN RECEPTOR COMPLEX
                                                                                            GOMF_CARBOHYDRATE_PROTON_SYMPORTER_ACTIVITY, GOMF_CARBOHYDRATE_PROTON_SYMPORTER_ACTIVITY
                                                                                            HP_NEPHROGENIC_DIABETES_INSIPIDUS, HP_NEPHROGENIC_DIABETES_INSIPIDUS
                                                                                            GOBP_POSITIVE_REGULATION_OF_GROWTH_HORMONE_SECRETION, GOBP_POSITIVE_REGULATION_OF_GROWTH_HORMONE_SECRETION
                                                                                            GOBP_REGULATION_OF_ANTIMICROBIAL_HUMORAL_RESPONSE, GOBP_REGULATION_OF_ANTIMICROBIAL_HUMORAL_RESPONSE
                                                                                            GOBP_REGULATION_OF_GROWTH_HORMONE_SECRETION, GOBP_REGULATION_OF_GROWTH_HORMONE_SECRETION
                                                                                            MIR4636, MIR4636
                                                                                            GOBP_REGULATION_OF_SERINE_C_PALMITOYLTRANSFERASE_ACTIVITY, GOBP_REGULATION_OF_SERINE_C_PALMITOYLTRANSFERASE_ACTIVITY
                                                                                            GOCC_FEMALE_GERM_CELL_NUCLEUS, GOCC_FEMALE_GERM_CELL_NUCLEUS
                                                                                            REACTOME_PTK6_EXPRESSION, REACTOME_PTK6_EXPRESSION
                                                                                            HP_ABSENT_AXILLARY_HAIR, HP_ABSENT_AXILLARY_HAIR
                                                                                            RAMJAUN_APOPTOSIS_BY_TGFB1_VIA_MAPK1_DN, RAMJAUN_APOPTOSIS_BY_TGFB1_VIA_MAPK1_DN
                                                                                            MIR4497, MIR4497
                                                                                            GOBP_NEGATIVE_REGULATION_OF_HISTONE_DEACETYLATION, GOBP_NEGATIVE_REGULATION_OF_HISTONE_DEACETYLATION
                                                                                            WRN_TARGET_GENES, WRN_TARGET_GENES
                                                                                            GOMF_NADPLUS_NUCLEOSIDASE_ACTIVITY, GOMF_NADPLUS_NUCLEOSIDASE_ACTIVITY
                                                                                            chr2p16, chr2p16
                                                                                            GOMF_FILAMIN_BINDING, GOMF_FILAMIN_BINDING
                                                                                            MIR1204, MIR1204
                                                                                            REACTOME_REGULATION_OF_SIGNALING_BY_NODAL, REACTOME_REGULATION_OF_SIGNALING_BY_NODAL
```

HP\_ENURESIS, HP\_ENURESIS

REACTOME\_ORGANIC\_ANION\_TRANSPORTERS, REACTOME\_ORGANIC\_ANION\_TRANSPORTERS