```
GSE41867_DAY15_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN, GSE41867_DAY15_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN
                                                                                                                    GSE2405_S_AUREUS_VS_UNTREATED_NEUTROPHIL_UP, GSE2405_S_AUREUS_VS_UNTREATED_NEUTROPHIL_UP
                                                                                                                    GSE27786_LSK_VS_NKCELL_UP, GSE27786_LSK_VS_NKCELL_UP
                                                                                                                    GSE7460_FOXP3_MUT_VS_WT_ACT_TCONV_UP, GSE7460_FOXP3_MUT_VS_WT_ACT_TCONV_UP
                                                                                                                    GSE4535_BM_DERIVED_DC_VS_FOLLICULAR_DC_UP, GSE4535_BM_DERIVED_DC_VS_FOLLICULAR_DC_UP
                                                                                                                    GSE21063_3H_VS_16H_ANTI_IGM_STIM_NFATC1_KOBCELL_UP, GSE21063_3H_VS_16H_ANTI_IGM_STIM_NFATC1_KOBCELL_UP
                                                                                                                    GSE8621_UNSTIM_VS_LPS_PRIMED_UNSTIM_MACROPHAGE_UP, GSE8621_UNSTIM_VS_LPS_PRIMED_UNSTIM_MACROPHAGE_UP
                                                                                                                    LIU_VMYB_TARGETS_UP, LIU_VMYB_TARGETS_UP
                                                                                                                    GSE16522_ANTI_CD3CD28_STIM_VS_UNSTIM_MEMORY_CD8_TCELL_UP, GSE16522_ANTI_CD3CD28_STIM_VS_UNSTIM_MEMORY_CD8_TCELL_UP
                                                                                                                    MIR1_5P, MIR1_5P
                                                                                                                    GSE3203_WT_VS_IFNAR1_KO_INFLUENZA_INFECTED_LN_BCELL_DN, GSE3203_WT_VS_IFNAR1_KO_INFLUENZA_INFECTED_LN_BCELL_DN
                                                                                                                    MIR6734_3P, MIR6734_3P
                                                                                                                    GSE36078 UNTREATED_VS AD5 T425A HEXON_INF_IL1R_KO_MOUSE_LUNG_DC_DN, GSE36078 UNTREATED_VS AD5 T425A HEXON_INF_IL1R_KO_MOUSE_LUNG_DC_DN
                                                                                                                    GSE37533_UNTREATED_VS_PIOGLIZATONE_TREATED_CD4_TCELL_FOXP3_TRASDUCED_CD4_TCELL_DN, GSE37533_UNTREATED_VS_PIOGLIZATONE_TREATED_CD4_TCELL_FOXP3_TRASDUCED_CD4_TCELL_DN
                                                                                                                    MIR6817_5P, MIR6817_5P
                                                                                                                    MIR4769_3P, MIR4769_3P
                                                                                                                    MORF_PPP2R5B, MORF_PPP2R5B
                                                                                                                    GOBP_HEPATICOBILIARY_SYSTEM_DEVELOPMENT, GOBP_HEPATICOBILIARY_SYSTEM_DEVELOPMENT
                                                                                                                    GOBP_FATTY_ACID_BIOSYNTHETIC_PROCESS, GOBP_FATTY_ACID_BIOSYNTHETIC_PROCESS
                                                                                                                    GSE22601_DOUBLE_NEGATIVE_VS_IMMATURE_CD4_SP_THYMOCYTE_DN, GSE22601_DOUBLE_NEGATIVE_VS_IMMATURE_CD4_SP_THYMOCYTE_DN
                                                                                                                    GGGNRMNNYCAT_UNKNOWN, GGGNRMNNYCAT_UNKNOWN
                                                                                                                    MIR4722_3P, MIR4722_3P
                                                                                                                    GSE2405_0H_VS_6H_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_DN, GSE2405_0H_VS_6H_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_DN
                                                                                                                    SHETH_LIVER_CANCER_VS_TXNIP_LOSS_PAM3, SHETH_LIVER_CANCER_VS_TXNIP_LOSS_PAM3
                                                                                                                    MIR10398_5P, MIR10398_5P
                                                                                                                    GOMF PROTEIN TYROSINE PHOSPHATASE ACTIVITY, GOMF PROTEIN TYROSINE PHOSPHATASE ACTIVITY
                                                                                                                    KEGG_GAP_JUNCTION, KEGG_GAP_JUNCTION
                                                                                                                    BROWNE_HCMV_INFECTION_10HR_UP, BROWNE_HCMV_INFECTION_10HR_UP
                                                                                                                    GOBP_PRIMARY_ALCOHOL_METABOLIC_PROCESS, GOBP_PRIMARY_ALCOHOL_METABOLIC_PROCESS
                                                                                                                    REACTOME_ATF4_ACTIVATES_GENES_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS, REACTOME_ATF4_ACTIVATES_GENES_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS
                                                                                                                    MORF_DMPK, MORF_DMPK
                                                                                                                    MORF_TNFRSF6, MORF_TNFRSF6
                                                                                                                    OVSYANNIKOVA_PBMC_FLUARIX_AGE_55_64YO_RESPONDERS_VS_NONRESPONDERS_0DY_UP, OVSYANNIKOVA_PBMC_FLUARIX_AGE_55_64YO_RESPONDERS_VS_NONRESPONDERS_0DY_UP
                                                                                                                    MIR1288_5P, MIR1288_5P
                                                                                                                    HP SPEECH APRAXIA, HP_SPEECH_APRAXIA
                                                                                                                    MORF_BCL2L11, MORF_BCL2L11
                                                                                                                    HP_AVASCULAR_NECROSIS, HP_AVASCULAR_NECROSIS
                                                                                                                    RBL1_TARGET_GENES, RBL1_TARGET_GENES
                                                                                                                    MIR924, MIR924
                                                                                                                    OUILLETTE_CLL_13Q14_DELETION_DN, OUILLETTE_CLL_13Q14_DELETION_DN
                                                                                                                    GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_PDC_DN, GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_PDC_DN
                                                                                                                    HOLLEMAN_VINCRISTINE_RESISTANCE_ALL_UP, HOLLEMAN_VINCRISTINE_RESISTANCE_ALL_UP
                                                                                                                    MIR6798_3P, MIR6798_3P
                                                                                                                    SABATES_COLORECTAL_ADENOMA_UP, SABATES_COLORECTAL_ADENOMA_UP
                                                                                                                    MIR4774 3P, MIR4774 3P
                                                                                                                    REACTOME CARBOXYTERMINAL POST TRANSLATIONAL MODIFICATIONS OF TUBULIN, REACTOME CARBOXYTERMINAL POST TRANSLATIONAL MODIFICATIONS OF TUBULIN
                                                                                                                    MORF_CASP10, MORF_CASP10
                                                                                                                    MIR8069, MIR8069
                                                                                                                    WANG CLASSIC ADIPOGENIC TARGETS OF PPARG, WANG CLASSIC ADIPOGENIC TARGETS OF PPARG
                                                                                                                    MIR410_5P, MIR410_5P
                                                                                                                    HP_ENCEPHALITIS, HP_ENCEPHALITIS
                                                                                                                    GOBP_ISOPRENOID_METABOLIC_PROCESS, GOBP_ISOPRENOID_METABOLIC_PROCESS
                                                                                                                    REACTOME DEREGULATED CDK5 TRIGGERS MULTIPLE NEURODEGENERATIVE PATHWAYS IN ALZHEIMER S DISEASE MODELS, REACTOME DEREGULATED CDK5 TRIGGERS MULTIPLE NEURODEGENERATIVE PATHWAY
                                                                                                                    MIR4714_3P, MIR4714_3P
                                                                                                                    LEE_LIVER_CANCER_MYC_E2F1_DN, LEE_LIVER_CANCER_MYC_E2F1_DN
                                                                                                                    GOBP_INTRA_S_DNA_DAMAGE_CHECKPOINT, GOBP_INTRA_S_DNA_DAMAGE_CHECKPOINT
                                                                                                                    LEE_LIVER_CANCER_MYC_TGFA_DN, LEE_LIVER_CANCER_MYC_TGFA_DN
                                                                                                                    YAGUE PRETUMOR DRUG RESISTANCE DN, YAGUE PRETUMOR DRUG RESISTANCE DN
                                                                                                                    MORF_IL4, MORF_IL4
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_WOUNDING, GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_WOUNDING
                                                                                                                    AKL_HTLV1_INFECTION_UP, AKL_HTLV1_INFECTION_UP
                                                                                                                    GSE3720_LPS_VS_PMA_STIM_VD2_GAMMADELTA_TCELL_DN, GSE3720_LPS_VS_PMA_STIM_VD2_GAMMADELTA_TCELL_DN
                                                                                                                    GTCTACC MIR379, GTCTACC MIR379
                                                                                                                    HP_HYPOPHOSPHATEMIC_RICKETS, HP_HYPOPHOSPHATEMIC_RICKETS
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_WOUND_HEALING, GOBP_POSITIVE_REGULATION_OF_WOUND_HEALING
                                                                                                                    MORF_KDR, MORF_KDR
                                                                                                                    GOMF_PROTEIN_TYROSINE_SERINE_THREONINE_PHOSPHATASE_ACTIVITY, GOMF_PROTEIN_TYROSINE_SERINE_THREONINE_PHOSPHATASE_ACTIVITY
                                                                                                                    CUI_DEVELOPING_HEART_5TH_WEEK_VENTRICULAR_CARDIOMYOCYTE, CUI_DEVELOPING_HEART_5TH_WEEK_VENTRICULAR_CARDIOMYOCYTE
                                                                                                                    GOBP_COENZYME_A_METABOLIC_PROCESS, GOBP_COENZYME_A_METABOLIC_PROCESS
                                                                                                                    WP_SEROTONIN_RECEPTOR_2_AND_ELKSRFGATA4_SIGNALING, WP_SEROTONIN_RECEPTOR_2_AND_ELKSRFGATA4_SIGNALING
                                                                                                                    MORF_CD8A, MORF_CD8A
                                                                                                                    GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_RED_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_RED_UP
                                                                                                                    GOMF_O_ACYLTRANSFERASE_ACTIVITY, GOMF_O_ACYLTRANSFERASE_ACTIVITY
                                                                                                                    HP_NECK_FLEXOR_WEAKNESS, HP_NECK_FLEXOR_WEAKNESS
                                                                                                                    DESCARTES_FETAL_PLACENTA_AFP_ALB_POSITIVE_CELLS, DESCARTES_FETAL_PLACENTA_AFP_ALB_POSITIVE_CELLS
                                                                                                                    HP_CUTANEOUS_MELANOMA, HP_CUTANEOUS_MELANOMA
                                                                                                                    GOBP_ATF6_MEDIATED_UNFOLDED_PROTEIN_RESPONSE, GOBP_ATF6_MEDIATED_UNFOLDED_PROTEIN_RESPONSE
                                                                                                                    LEIN_OLIGODENDROCYTE_MARKERS, LEIN_OLIGODENDROCYTE_MARKERS
                                                                                                                    GOBP_TERPENOID_METABOLIC_PROCESS, GOBP_TERPENOID_METABOLIC_PROCESS
                                                                                                                    HP_HYPOPHOSPHATEMIA, HP_HYPOPHOSPHATEMIA
                                                                                                                    ZNF586_TARGET_GENES, ZNF586_TARGET_GENES
                                                                                                                    YANG_BREAST_CANCER_ESR1_DN, YANG_BREAST_CANCER_ESR1_DN
                                                                                                                    NAKAMURA_METASTASIS_MODEL_UP, NAKAMURA_METASTASIS_MODEL_UP
                                                                                                                    SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_UP, SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_UP
                                                                                                                    MODULE_481, MODULE_481
                                                                                                                    MORF_MAP2K7, MORF_MAP2K7
                                                                                                                    MIR520G_5P, MIR520G_5P
                                                                                                                    MODULE 544, MODULE 544
                                                                                                                    GOBP_RESPONSE_TO_OLEIC_ACID, GOBP_RESPONSE_TO_OLEIC_ACID
                                                                                                                    NUNODA_RESPONSE_TO_DASATINIB_IMATINIB_DN, NUNODA_RESPONSE_TO_DASATINIB_IMATINIB_DN
                                                                                                                    YOKOE CANCER TESTIS ANTIGENS, YOKOE CANCER TESTIS ANTIGENS
                                                                                                                    MIR8078, MIR8078
                                                                                                                    HP_ABNORMAL_CIRCULATING_FERRITIN_CONCENTRATION, HP_ABNORMAL_CIRCULATING_FERRITIN_CONCENTRATION
                                                                                                                    MIR4313, MIR4313
                                                                                                                    HP_RICKETS, HP_RICKETS
                                                                                                                    KEGG_RETINOL_METABOLISM, KEGG_RETINOL_METABOLISM
                                                                                                                    GOMF_BETA_1_ADRENERGIC_RECEPTOR_BINDING, GOMF_BETA_1_ADRENERGIC_RECEPTOR_BINDING
                                                                                                                    REACTOME_PENTOSE_PHOSPHATE_PATHWAY, REACTOME_PENTOSE_PHOSPHATE_PATHWAY
                                                                                                                    HP_ABNORMAL_URINE_PHOSPHATE_CONCENTRATION, HP_ABNORMAL_URINE_PHOSPHATE_CONCENTRATION
                                                                                                                    HP_GLOMERULOPATHY, HP_GLOMERULOPATHY
                                                                                                                    TUOMISTO_TUMOR_SUPPRESSION_BY_COL13A1_DN, TUOMISTO_TUMOR_SUPPRESSION_BY_COL13A1_DN
                                                                                                                    HP_LOW_MOLECULAR_WEIGHT_PROTEINURIA, HP_LOW_MOLECULAR_WEIGHT_PROTEINURIA
                                                                                                                    GOBP_CEREBRAL_CORTEX_CELL_MIGRATION, GOBP_CEREBRAL_CORTEX_CELL_MIGRATION
                                                                                                                    GOMF_MONOCARBOXYLIC_ACID_BINDING, GOMF_MONOCARBOXYLIC_ACID_BINDING
                                                                                                                    GOBP_REGULATION_OF_FATTY_ACID_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_FATTY_ACID_BIOSYNTHETIC_PROCESS
                                                                                                                    HP_OROMANDIBULAR_DYSTONIA, HP_OROMANDIBULAR_DYSTONIA
                                                                                                                    GOBP_UDP_N_ACETYLGLUCOSAMINE_METABOLIC_PROCESS, GOBP_UDP_N_ACETYLGLUCOSAMINE_METABOLIC_PROCESS
                                                                                                                    BIOCARTA_LONGEVITY_PATHWAY, BIOCARTA_LONGEVITY_PATHWAY
                                                                                                                    HP_RETINAL_PIGMENT_EPITHELIAL_ATROPHY, HP_RETINAL_PIGMENT_EPITHELIAL_ATROPHY
                                                                                                                    BIOCARTA_MTA3_PATHWAY, BIOCARTA_MTA3_PATHWAY
                                                                                                                    WHITE_NEUROBLASTOMA_WITH_1P36.3_DELETION, WHITE_NEUROBLASTOMA_WITH_1P36.3_DELETION
                                                                                                                    GOBP_RETROGRADE_TRANS_SYNAPTIC_SIGNALING, GOBP_RETROGRADE_TRANS_SYNAPTIC_SIGNALING
                                                                                                                    GOBP_REGULATION_OF_NEUROTRANSMITTER_RECEPTOR_LOCALIZATION_TO_POSTSYNAPTIC_SPECIALIZATION_MEMBRANE, GOBP_REGULATION_OF_NEUROTRANSMITTER_RECEPTOR_LOCALIZATION_TO_POSTSYNAPTIC
                                                                                                                    KEGG_NITROGEN_METABOLISM, KEGG_NITROGEN_METABOLISM
                                                                                                                    HP_BICARBONATE_WASTING_RENAL_TUBULAR_ACIDOSIS, HP_BICARBONATE_WASTING_RENAL_TUBULAR_ACIDOSIS
                                                                                                                    GOBP_RRNA_5_END_PROCESSING, GOBP_RRNA_5_END_PROCESSING
                                                                                                                    MORF_THPO, MORF_THPO
                                                                                                                    HP_NEOPLASM_OF_THE_RESPIRATORY_SYSTEM, HP_NEOPLASM_OF_THE_RESPIRATORY_SYSTEM
                                                                                                                    REACTOME_METABOLISM_OF_FAT_SOLUBLE_VITAMINS, REACTOME_METABOLISM_OF_FAT_SOLUBLE_VITAMINS
                                                                                                                    MODULE_560, MODULE_560
                                                                                                                    HP_ROTARY_NYSTAGMUS, HP_ROTARY_NYSTAGMUS
                                                                                                                    HP_ABNORMAL_CIRCULATING_PORPHYRIN_CONCENTRATION, HP_ABNORMAL_CIRCULATING_PORPHYRIN_CONCENTRATION
VS_IL12_TREATED_ACT_CD4_TCELL_6H_DN, GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_6H_DN_
                                                                                                                    CAO_BLOOD_FLUZONE_AGE_05_14YO_1DY_DN, CAO_BLOOD_FLUZONE_AGE_05_14YO_1DY_DN
                                                                                                                    GOBP_GLYCINE_METABOLIC_PROCESS, GOBP_GLYCINE_METABOLIC_PROCESS
                                                                                                                    HP_CENTRALLY_NUCLEATED_SKELETAL_MUSCLE_FIBERS, HP_CENTRALLY_NUCLEATED_SKELETAL_MUSCLE_FIBERS
                                                                                                                    HP_HYPERCHLOREMIC_ACIDOSIS, HP_HYPERCHLOREMIC_ACIDOSIS
                                                                                                                    WP_DIFFERENTIATION_OF_WHITE_AND_BROWN_ADIPOCYTE, WP_DIFFERENTIATION_OF_WHITE_AND_BROWN_ADIPOCYTE
                                                                                                                    BIOCARTA_RECK_PATHWAY, BIOCARTA_RECK_PATHWAY
                                                                                                                    RUAN_RESPONSE_TO_TROGLITAZONE_UP, RUAN_RESPONSE_TO_TROGLITAZONE_UP
                                                                                                                    GOMF_INTERLEUKIN_1_RECEPTOR_ACTIVITY, GOMF_INTERLEUKIN_1_RECEPTOR_ACTIVITY
                                                                                                                    HP_DELIRIUM, HP_DELIRIUM
                                                                                                                    HP_MEMBRANOPROLIFERATIVE_GLOMERULONEPHRITIS, HP_MEMBRANOPROLIFERATIVE_GLOMERULONEPHRITIS
                                                                                                                    GOBP_RESPONSE_TO_STEROL, GOBP_RESPONSE_TO_STEROL
                                                                                                                    MORF_MYL3, MORF_MYL3
                                                                                                                    SMID_BREAST_CANCER_RELAPSE_IN_BONE_UP, SMID_BREAST_CANCER_RELAPSE_IN_BONE_UP
                                                                                                                    KIM_ALL_DISORDERS_CALB1_CORR_DN, KIM_ALL_DISORDERS_CALB1_CORR_DN
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_13_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_13_PRODUCTION
                                                                                                                    HP_PROXIMAL_RENAL_TUBULAR_ACIDOSIS, HP_PROXIMAL_RENAL_TUBULAR_ACIDOSIS
                                                                                                                    SCIAN_CELL_CYCLE_TARGETS_OF_TP53_AND_TP73_UP, SCIAN_CELL_CYCLE_TARGETS_OF_TP53_AND_TP73_UP
                                                                                                                    HP_EPIDERMAL_NEVUS, HP_EPIDERMAL_NEVUS
                                                                                                                    HP_RENAL_SODIUM_WASTING, HP_RENAL_SODIUM_WASTING
                                                                                                                    GOBP_PARANODAL_JUNCTION_ASSEMBLY, GOBP_PARANODAL_JUNCTION_ASSEMBLY
                                                                                                                    RANKIN_ANGIOGENIC_TARGETS_OF_VHL_HIF2A_DN, RANKIN_ANGIOGENIC_TARGETS_OF_VHL_HIF2A_DN
                                                                                                                    GOBP_CD8_POSITIVE_ALPHA_BETA_T_CELL_PROLIFERATION, GOBP_CD8_POSITIVE_ALPHA_BETA_T_CELL_PROLIFERATION
                                                                                                                    HP_DEHYDRATION, HP_DEHYDRATION
                                                                                                                    HP_ABNORMAL_BLOOD_MONOVALENT_INORGANIC_CATION_CONCENTRATION, HP_ABNORMAL_BLOOD_MONOVALENT_INORGANIC_CATION_CONCENTRATION
                                                                                                                    GOUYER_TATI_TARGETS_DN, GOUYER_TATI_TARGETS_DN
                                                                                                                    THEODOROU_MAMMARY_TUMORIGENESIS, THEODOROU_MAMMARY_TUMORIGENESIS
                                                                                                                    GOMF_SEMAPHORIN_RECEPTOR_ACTIVITY, GOMF_SEMAPHORIN_RECEPTOR_ACTIVITY
                                                                                                                    GOMF_PEPTIDYL_PROLINE_DIOXYGENASE_ACTIVITY, GOMF_PEPTIDYL_PROLINE_DIOXYGENASE_ACTIVITY
                                                                                                                    HP_BICARBONATURIA, HP_BICARBONATURIA
                                                                                                                    GOBP_T_FOLLICULAR_HELPER_CELL_DIFFERENTIATION, GOBP_T_FOLLICULAR_HELPER_CELL_DIFFERENTIATION
                                                                                                                    GOBP_STEROL_HOMEOSTASIS, GOBP_STEROL_HOMEOSTASIS
                                                                                                                    GOBP_ENUCLEATE_ERYTHROCYTE_DIFFERENTIATION, GOBP_ENUCLEATE_ERYTHROCYTE_DIFFERENTIATION
                                                                                                                    GOBP FAT PAD DEVELOPMENT, GOBP FAT PAD DEVELOPMENT
                                                                                                                    HP_ABNORMALITY_OF_THE_PREMAXILLA, HP_ABNORMALITY_OF_THE_PREMAXILLA
                                                                                                                    GOCC_GROWTH_CONE_MEMBRANE, GOCC_GROWTH_CONE_MEMBRANE
                                                                                                                    HP_RECURRENT_STAPHYLOCOCCUS_AUREUS_INFECTIONS, HP_RECURRENT_STAPHYLOCOCCUS_AUREUS_INFECTIONS
                                                                                                                    GOBP_CEREBRAL_CORTEX_RADIALLY_ORIENTED_CELL_MIGRATION, GOBP_CEREBRAL_CORTEX_RADIALLY_ORIENTED_CELL_MIGRATION
                                                                                                                    OKAWA_NEUROBLASTOMA_1P36_31_DELETION, OKAWA_NEUROBLASTOMA_1P36_31_DELETION
                                                                                                                    REACTOME SHC_RELATED_EVENTS_TRIGGERED_BY_IGF1R, REACTOME_SHC_RELATED_EVENTS_TRIGGERED_BY_IGF1R
                                                                                                                    REACTOME_ACTIVATED_NTRK2_SIGNALS_THROUGH_RAS, REACTOME_ACTIVATED_NTRK2_SIGNALS_THROUGH_RAS
                                                                                                                    REACTOME_SOS_MEDIATED_SIGNALLING, REACTOME_SOS_MEDIATED_SIGNALLING
                                                                                                                    WP_PENTOSE_PHOSPHATE_METABOLISM, WP_PENTOSE_PHOSPHATE_METABOLISM
                                                                                                                    GOBP_MONOVALENT_INORGANIC_ANION_HOMEOSTASIS, GOBP_MONOVALENT_INORGANIC_ANION_HOMEOSTASIS
                                                                                                                    HP_PERSISTENT_EBV_VIREMIA, HP_PERSISTENT_EBV_VIREMIA
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_HEXOKINASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_HEXOKINASE_ACTIVITY
                                                                                                                    GOBP_LIPID_TRANSPORT_ACROSS_BLOOD_BRAIN_BARRIER, GOBP_LIPID_TRANSPORT_ACROSS_BLOOD_BRAIN_BARRIER
                                                                                                                    GOBP PYRUVATE BIOSYNTHETIC PROCESS, GOBP PYRUVATE BIOSYNTHETIC PROCESS
                                                                                                                    WP_TRIACYLGLYCERIDE_SYNTHESIS, WP_TRIACYLGLYCERIDE_SYNTHESIS
                                                                                                                    GOBP_SEMAPHORIN_PLEXIN_SIGNALING_PATHWAY_INVOLVED_IN_NEURON_PROJECTION_GUIDANCE, GOBP_SEMAPHORIN_PLEXIN_SIGNALING_PATHWAY_INVOLVED_IN_NEURON_PROJECTION_GUIDANCE
                                                                                                                    HP_EXAGGERATED_STARTLE_RESPONSE, HP_EXAGGERATED_STARTLE_RESPONSE
                                                                                                                    HP_HEMOPHAGOCYTOSIS, HP_HEMOPHAGOCYTOSIS
                                                                                                                    HP_ABSENT_FOVEAL_REFLEX, HP_ABSENT_FOVEAL_REFLEX
                                                                                                                    HP_ALLERGIC_RHINITIS, HP_ALLERGIC_RHINITIS
                                                                                                                    GOBP_DICHOTOMOUS_SUBDIVISION_OF_AN_EPITHELIAL_TERMINAL_UNIT, GOBP_DICHOTOMOUS_SUBDIVISION_OF_AN_EPITHELIAL_TERMINAL_UNIT
                                                                                                                    BIOCARTA_REELIN_PATHWAY, BIOCARTA_REELIN_PATHWAY
                                                                                                                    MIR4787_5P, MIR4787_5P
                                                                                                                    HP_DECREASED_ADENOSYLCOBALAMIN, HP_DECREASED_ADENOSYLCOBALAMIN
                                                                                                                    GOBP_MONOACYLGLYCEROL_BIOSYNTHETIC_PROCESS, GOBP_MONOACYLGLYCEROL_BIOSYNTHETIC_PROCESS
                                                                                                                    GOMF_2_ACYLGLYCEROL_O_ACYLTRANSFERASE_ACTIVITY, GOMF_2_ACYLGLYCEROL_O_ACYLTRANSFERASE_ACTIVITY
                                                                                                                    REACTOME INTERLEUKIN 36 PATHWAY, REACTOME INTERLEUKIN 36 PATHWAY
                                                                                                                    REACTOME ACTIVATED NTRK3 SIGNALS THROUGH RAS, REACTOME ACTIVATED NTRK3 SIGNALS THROUGH RAS
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_5_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_5_PRODUCTION
                                                                                                                    GOCC_SYMMETRIC_SYNAPSE, GOCC_SYMMETRIC_SYNAPSE
                                                                                                                    GOBP_REGULATION_OF_POSTSYNAPTIC_SPECIALIZATION_ASSEMBLY, GOBP_REGULATION_OF_POSTSYNAPTIC_SPECIALIZATION_ASSEMBLY
                                                                                                                    HP_RENAL_FIBROSIS, HP_RENAL_FIBROSIS
                                                                                                                    GOBP_RETROGRADE_TRANS_SYNAPTIC_SIGNALING_BY_LIPID, GOBP_RETROGRADE_TRANS_SYNAPTIC_SIGNALING_BY_LIPID
                                                                                                                    HP MACULAR COLOBOMA, HP MACULAR COLOBOMA
                                                                                                                    HP_PROMINENCE_OF_THE_PREMAXILLA, HP_PROMINENCE_OF_THE_PREMAXILLA
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_GLUCOKINASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_GLUCOKINASE_ACTIVITY
                                                                                                                    HP_DECREASED_METHYLMALONYL_COA_MUTASE_ACTIVITY, HP_DECREASED_METHYLMALONYL_COA_MUTASE_ACTIVITY
                                                                                                                    HP_MOLLUSCUM_CONTAGIOSUM, HP_MOLLUSCUM_CONTAGIOSUM
                                                                                                                    GOBP_THREONINE_CATABOLIC_PROCESS, GOBP_THREONINE_CATABOLIC_PROCESS
                                                                                                                    GOMF_DIACYLGLYCEROL_O_ACYLTRANSFERASE_ACTIVITY, GOMF_DIACYLGLYCEROL_O_ACYLTRANSFERASE_ACTIVITY
                                                                                                                    GOMF_C_PALMITOYLTRANSFERASE_ACTIVITY, GOMF_C_PALMITOYLTRANSFERASE_ACTIVITY
                                                                                                                    GOBP REGULATION OF EXCITATORY SYNAPSE ASSEMBLY, GOBP REGULATION OF EXCITATORY SYNAPSE ASSEMBLY
                                                                                                                    GOBP_CELLULAR_RESPONSE_TO_STEROL, GOBP_CELLULAR_RESPONSE_TO_STEROL
                                                                                                                    GOBP_REGULATION_OF_MIRNA_METABOLIC_PROCESS, GOBP_REGULATION_OF_MIRNA_METABOLIC_PROCESS
                                                                                                                    GOMF_PROTEIN_TYROSINE_THREONINE_PHOSPHATASE_ACTIVITY, GOMF_PROTEIN_TYROSINE_THREONINE_PHOSPHATASE_ACTIVITY
                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_CELL_SIZE, GOBP_NEGATIVE_REGULATION_OF_CELL_SIZE
                                                                                                                    HP_INCREASED_URINARY_POTASSIUM, HP_INCREASED_URINARY_POTASSIUM
                                                                                                                    REACTOME_REVERSIBLE_HYDRATION_OF_CARBON_DIOXIDE, REACTOME_REVERSIBLE_HYDRATION_OF_CARBON_DIOXIDE
                                                                                                                    GOBP_OPIOID_RECEPTOR_SIGNALING_PATHWAY, GOBP_OPIOID_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                    MORF_PDCD1, MORF_PDCD1
                                                                                                                    GOBP_NUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS, GOBP_NUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS
                                                                                                                    MIR95_3P, MIR95_3P
                                                                                                                    HP_MOTTLED_PIGMENTATION, HP_MOTTLED_PIGMENTATION
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_MIRNA_METABOLIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_MIRNA_METABOLIC_PROCESS
                                                                                                                    KAUFFMANN_MELANOMA_RELAPSE_DN, KAUFFMANN_MELANOMA_RELAPSE_DN
                                                                                                                    GOBP THREONINE METABOLIC PROCESS, GOBP THREONINE METABOLIC PROCESS
                                                                                                                    GOBP_PENTOSE_CATABOLIC_PROCESS, GOBP_PENTOSE_CATABOLIC_PROCESS
                                                                                                                    GOMF_CARBONATE_DEHYDRATASE_ACTIVITY, GOMF_CARBONATE_DEHYDRATASE_ACTIVITY
                                                                                                                    LOPEZ_EPITHELIOID_MESOTHELIOMA, LOPEZ_EPITHELIOID_MESOTHELIOMA
                                                                                                                    GOMF_LONG_CHAIN_FATTY_ACID_TRANSPORTER_ACTIVITY, GOMF_LONG_CHAIN_FATTY_ACID_TRANSPORTER_ACTIVITY
                                                                                                                    HP_AVASCULAR_NECROSIS_OF_THE_CAPITAL_FEMORAL_EPIPHYSIS, HP_AVASCULAR_NECROSIS_OF_THE_CAPITAL_FEMORAL_EPIPHYSIS
                                                                                                                    GOMF_OPIOID_RECEPTOR_ACTIVITY, GOMF_OPIOID_RECEPTOR_ACTIVITY
                                                                                                                    GOBP_PARAXIAL_MESODERM_FORMATION, GOBP_PARAXIAL_MESODERM_FORMATION
                                                                                                                    REACTOME_ACYL_CHAIN_REMODELING_OF_DAG_AND_TAG, REACTOME_ACYL_CHAIN_REMODELING_OF_DAG_AND_TAG
                                                                                                                    GOBP_RIBONUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS, GOBP_RIBONUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS
                                                                                                                    GOBP_CELLULAR_TRIGLYCERIDE_HOMEOSTASIS, GOBP_CELLULAR_TRIGLYCERIDE_HOMEOSTASIS
                                                                                                                    MORF PTPRR, MORF PTPRR
                                                                                                                    GOBP_REGULATION_OF_UNSATURATED_FATTY_ACID_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_UNSATURATED_FATTY_ACID_BIOSYNTHETIC_PROCESS
                                                                                                                    GOBP_LAYER_FORMATION_IN_CEREBRAL_CORTEX, GOBP_LAYER_FORMATION_IN_CEREBRAL_CORTEX
                                                                                                                    GOBP_LIPID_DIGESTION, GOBP_LIPID_DIGESTION
                                                                                                                    HP_HYPERTONIC_DEHYDRATION, HP_HYPERTONIC_DEHYDRATION
                                                                                                                    HP CHORIORETINAL HYPOPIGMENTATION, HP CHORIORETINAL HYPOPIGMENTATION
                                                                                                                    HP_SUBDURAL_HEMORRHAGE, HP_SUBDURAL_HEMORRHAGE
                                                                                                                    REACTOME ACTIVATION OF RAS IN B CELLS, REACTOME ACTIVATION OF RAS IN B CELLS
                                                                                                                    HP_LYMPHANGIECTASIS, HP_LYMPHANGIECTASIS
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_PEROXISOME_PROLIFERATOR_ACTIVATED_RECEPTOR_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_PEROXISOME_PROLIFERATOR_ACTIVATED_RECEPTOR_SIGNALING_PATH
                                                                                                                    GOBP_ACYLGLYCEROL_ACYL_CHAIN_REMODELING, GOBP_ACYLGLYCEROL_ACYL_CHAIN_REMODELING
                                                                                                                    HP_HYPOINSULINEMIA, HP_HYPOINSULINEMIA
                                                                                                                    GOBP_REGULATION_OF_WATER_LOSS_VIA_SKIN, GOBP_REGULATION_OF_WATER_LOSS_VIA_SKIN
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_RECEPTOR_CLUSTERING, GOBP_POSITIVE_REGULATION_OF_RECEPTOR_CLUSTERING
                                                                                                                    HP_MATURITY_ONSET_DIABETES_OF_THE_YOUNG, HP_MATURITY_ONSET_DIABETES_OF_THE_YOUNG
                                                                                                                    chr4q33, chr4q33
                                                                                                                    MORF_ITGA2, MORF_ITGA2
                                                                                                                    HP_ABNORMAL_URINE_POTASSIUM_CONCENTRATION, HP_ABNORMAL_URINE_POTASSIUM_CONCENTRATION
                                                                                                                    GOMF_INTERLEUKIN_1_RECEPTOR_BINDING, GOMF_INTERLEUKIN_1_RECEPTOR_BINDING
                                                                                                                    GOBP_PENTOSE_METABOLIC_PROCESS, GOBP_PENTOSE_METABOLIC_PROCESS
                                                                                                                    GOMF_ACTIVIN_RECEPTOR_BINDING, GOMF_ACTIVIN_RECEPTOR_BINDING
                                                                                                                    MODULE_153, MODULE_153
```