```
REACTOME NONSENSE MEDIATED DECAY NMD, REACTOME NONSENSE MEDIATED DECAY NMD
                                                                                                                    REACTOME_EUKARYOTIC_TRANSLATION_ELONGATION, REACTOME_EUKARYOTIC_TRANSLATION_ELONGATION
                                                                                                                    REACTOME_CELLULAR_RESPONSE_TO_STARVATION, REACTOME_CELLULAR_RESPONSE_TO_STARVATION
                                                                                                                    KEGG_RIBOSOME, KEGG_RIBOSOME
                                                                                                                    REACTOME_PTEN_REGULATION, REACTOME_PTEN_REGULATION
                                                                                                                    REACTOME_SELENOAMINO_ACID_METABOLISM, REACTOME_SELENOAMINO_ACID_METABOLISM
                                                                                                                    REACTOME_RESPONSE_OF_EIF2AK4_GCN2_TO_AMINO_ACID_DEFICIENCY, REACTOME_RESPONSE_OF_EIF2AK4_GCN2_TO_AMINO_ACID_DEFICIENCY
                                                                                                                    REACTOME_REGULATION_OF_MRNA_STABILITY_BY_PROTEINS_THAT_BIND_AU_RICH_ELEMENTS, REACTOME_REGULATION_OF_MRNA_STABILITY_BY_PROTEINS_THAT_BIND_AU_RICH_ELEMENTS
                                                                                                                    REACTOME_DEGRADATION_OF_BETA_CATENIN_BY_THE_DESTRUCTION_COMPLEX, REACTOME_DEGRADATION_OF_BETA_CATENIN_BY_THE_DESTRUCTION_COMPLEX
                                                                                                                    REACTOME_CELLULAR_RESPONSE_TO_CHEMICAL_STRESS, REACTOME_CELLULAR_RESPONSE_TO_CHEMICAL_STRESS
                                                                                                                    REACTOME_REGULATION_OF_PTEN_STABILITY_AND_ACTIVITY, REACTOME_REGULATION_OF_PTEN_STABILITY_AND_ACTIVITY
                                                                                                                    REACTOME CLEC7A DECTIN 1 SIGNALING, REACTOME CLEC7A DECTIN 1 SIGNALING
                                                                                                                    REACTOME_NEGATIVE_REGULATION_OF_NOTCH4_SIGNALING, REACTOME_NEGATIVE_REGULATION_OF_NOTCH4_SIGNALING
                                                                                                                    BILANGES_SERUM_AND_RAPAMYCIN_SENSITIVE_GENES, BILANGES_SERUM_AND_RAPAMYCIN_SENSITIVE_GENES
                                                                                                                    REACTOME_CYTOPROTECTION_BY_HMOX1, REACTOME_CYTOPROTECTION_BY_HMOX1
                                                                                                                    REACTOME_DOWNSTREAM_SIGNALING_EVENTS_OF_B_CELL_RECEPTOR_BCR, REACTOME_DOWNSTREAM_SIGNALING_EVENTS_OF_B_CELL_RECEPTOR_BCR
                                                                                                                    REACTOME REGULATION OF RAS BY GAPS, REACTOME REGULATION OF RAS BY GAPS
                                                                                                                    REACTOME DEFECTIVE CFTR CAUSES CYSTIC FIBROSIS, REACTOME DEFECTIVE CFTR CAUSES CYSTIC FIBROSIS
                                                                                                                    REACTOME_REGULATION_OF_RUNX3_EXPRESSION_AND_ACTIVITY, REACTOME_REGULATION_OF_RUNX3_EXPRESSION_AND_ACTIVITY
                                                                                                                    REACTOME_ACTIVATION_OF_THE_MRNA_UPON_BINDING_OF_THE_CAP_BINDING_COMPLEX_AND_EIFS_AND_SUBSEQUENT_BINDING_TO_43S, REACTOME_ACTIVATION_OF_THE_MRNA_UPON_BINDING_OF_THE_CAP_BINDING_COMPLEX_AND_EIFS_AND_EIFS_COMPLEX_AND_EIFS_COMPLEX_AND_EIFS_COMPLEX_AND_EIFS_COMPLEX_AND_EIFS_COMPLEX_AND_EIFS_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMPLEX_COMP
                                                                                                                    REACTOME RUNX1_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_DIFFERENTIATION_OF_HSCS, REACTOME_RUNX1_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_DIFFERENTIATION_OF_HSCS
                                                                                                                    REACTOME_DEGRADATION_OF_DVL, REACTOME_DEGRADATION_OF_DVL
                                                                                                                    REACTOME_AUF1_HNRNP_D0_BINDS_AND_DESTABILIZES_MRNA, REACTOME_AUF1_HNRNP_D0_BINDS_AND_DESTABILIZES_MRNA
                                                                                                                    REACTOME REGULATION OF HMOX1 EXPRESSION AND ACTIVITY, REACTOME REGULATION OF HMOX1 EXPRESSION AND ACTIVITY
                                                                                                                    REACTOME_ASSEMBLY_OF_THE_PRE_REPLICATIVE_COMPLEX, REACTOME_ASSEMBLY_OF_THE_PRE_REPLICATIVE_COMPLEX
                                                                                                                    REACTOME DECTIN_1 MEDIATED NONCANONICAL NF KB SIGNALING, REACTOME DECTIN_1 MEDIATED NONCANONICAL NF KB SIGNALING
                                                                                                                    REACTOME_DEGRADATION_OF_GLI1_BY_THE_PROTEASOME, REACTOME_DEGRADATION_OF_GLI1_BY_THE_PROTEASOME
                                                                                                                    REACTOME_CELLULAR_RESPONSE_TO_HYPOXIA, REACTOME_CELLULAR_RESPONSE_TO_HYPOXIA
                                                                                                                    REACTOME_SIGNALING_BY_NOTCH4, REACTOME_SIGNALING_BY_NOTCH4
                                                                                                                    REACTOME_STABILIZATION_OF_P53, REACTOME_STABILIZATION_OF_P53
                                                                                                                    REACTOME_REGULATION_OF_RUNX2_EXPRESSION_AND_ACTIVITY, REACTOME_REGULATION_OF_RUNX2_EXPRESSION_AND_ACTIVITY
                                                                                                                    REACTOME_DEGRADATION_OF_AXIN, REACTOME_DEGRADATION_OF_AXIN
                                                                                                                    REACTOME_DNA_DAMAGE_RECOGNITION_IN_GG_NER, REACTOME_DNA_DAMAGE_RECOGNITION_IN_GG_NER
                                                                                                                    REACTOME_CROSS_PRESENTATION_OF_SOLUBLE_EXOGENOUS_ANTIGENS_ENDOSOMES, REACTOME_CROSS_PRESENTATION_OF_SOLUBLE_EXOGENOUS_ANTIGENS_ENDOSOMES
                                                                                                                    REACTOME_SCF_SKP2_MEDIATED_DEGRADATION_OF_P27_P21, REACTOME_SCF_SKP2_MEDIATED_DEGRADATION_OF_P27_P21
                                                                                                                    DIAZ_CHRONIC_MEYLOGENOUS_LEUKEMIA_DN, DIAZ_CHRONIC_MEYLOGENOUS_LEUKEMIA_DN
                                                                                                                    REACTOME_INTERLEUKIN_1_SIGNALING, REACTOME_INTERLEUKIN_1_SIGNALING
                                                                                                                    REACTOME_APOPTOSIS, REACTOME_APOPTOSIS
                                                                                                                    REACTOME_ASYMMETRIC_LOCALIZATION_OF_PCP_PROTEINS, REACTOME_ASYMMETRIC_LOCALIZATION_OF_PCP_PROTEINS
                                                                                                                    REACTOME_HEDGEHOG_LIGAND_BIOGENESIS, REACTOME_HEDGEHOG_LIGAND_BIOGENESIS
                                                                                                                    REACTOME_PCP_CE_PATHWAY, REACTOME_PCP_CE_PATHWAY
                                                                                                                    REACTOME G1 S DNA DAMAGE CHECKPOINTS, REACTOME G1 S DNA DAMAGE CHECKPOINTS
                                                                                                                    LI_DCP2_BOUND_MRNA, LI_DCP2_BOUND_MRNA
                                                                                                                    REACTOME_UCH_PROTEINASES, REACTOME_UCH_PROTEINASES
                                                                                                                    REACTOME_HEDGEHOG_ON_STATE, REACTOME_HEDGEHOG_ON_STATE
                                                                                                                    REACTOME_C_TYPE_LECTIN_RECEPTORS_CLRS, REACTOME_C_TYPE_LECTIN_RECEPTORS_CLRS
                                                                                                                    REACTOME_FORMATION_OF_INCISION_COMPLEX_IN_GG_NER, REACTOME_FORMATION_OF_INCISION_COMPLEX_IN_GG_NER
                                                                                                                    CHNG_MULTIPLE_MYELOMA_HYPERPLOID_UP, CHNG_MULTIPLE_MYELOMA_HYPERPLOID_UP
                                                                                                                    REACTOME_SIGNALING_BY_HEDGEHOG, REACTOME_SIGNALING_BY_HEDGEHOG
                                                                                                                    LUI_THYROID_CANCER_PAX8_PPARG_DN, LUI_THYROID_CANCER_PAX8_PPARG_DN
                                                                                                                    REACTOME_INTERLEUKIN_1_FAMILY_SIGNALING, REACTOME_INTERLEUKIN_1_FAMILY_SIGNALING
                                                                                                                    REACTOME_BETA_CATENIN_INDEPENDENT_WNT_SIGNALING, REACTOME_BETA_CATENIN_INDEPENDENT_WNT_SIGNALING
                                                                                                                    REACTOME_ABC_TRANSPORTER_DISORDERS, REACTOME_ABC_TRANSPORTER_DISORDERS
                                                                                                                    REACTOME_TRANSCRIPTIONAL_REGULATION_BY_RUNX3, REACTOME_TRANSCRIPTIONAL_REGULATION_BY_RUNX3
                                                                                                                    REACTOME_METABOLISM_OF_POLYAMINES, REACTOME_METABOLISM_OF_POLYAMINES
                                                                                                                    PELLICCIOTTA_HDAC_IN_ANTIGEN_PRESENTATION_DN, PELLICCIOTTA_HDAC_IN_ANTIGEN_PRESENTATION_DN
                                                                                                                    KEGG_PROTEASOME, KEGG_PROTEASOME
                                                                                                                    REACTOME_MAPK6_MAPK4_SIGNALING, REACTOME_MAPK6_MAPK4_SIGNALING
                                                                                                                    REACTOME_ABC_FAMILY_PROTEINS_MEDIATED_TRANSPORT, REACTOME_ABC_FAMILY_PROTEINS_MEDIATED_TRANSPORT
                                                                                                                    REACTOME_TRANSCRIPTIONAL_REGULATION_BY_RUNX2, REACTOME_TRANSCRIPTIONAL_REGULATION_BY_RUNX2
                                                                                                                    WP_PROTEASOME_DEGRADATION, WP_PROTEASOME_DEGRADATION
                                                                                                                    REACTOME_THE_ROLE_OF_GTSE1_IN_G2_M_PROGRESSION_AFTER_G2_CHECKPOINT, REACTOME_THE_ROLE_OF_GTSE1_IN_G2_M_PROGRESSION_AFTER_G2_CHECKPOINT
                                                                                                                   FLOTHO_PEDIATRIC_ALL_THERAPY_RESPONSE_UP, FLOTHO_PEDIATRIC_ALL_THERAPY_RESPONSE_UP
                                                                                                                    REACTOME_ANTIGEN_PROCESSING_CROSS_PRESENTATION, REACTOME_ANTIGEN_PROCESSING_CROSS_PRESENTATION
                                                                                                                   REACTOME_E3_UBIQUITIN_LIGASES_UBIQUITINATE_TARGET_PROTEINS, REACTOME_E3_UBIQUITIN_LIGASES_UBIQUITINATE_TARGET_PROTEINS
                                                                                                                   PELLICCIOTTA_HDAC_IN_ANTIGEN_PRESENTATION_UP, PELLICCIOTTA_HDAC_IN_ANTIGEN_PRESENTATION_UP
                                                                                                                    REACTOME_METALLOPROTEASE_DUBS, REACTOME_METALLOPROTEASE_DUBS
                                                                                                                    CHUNG_BLISTER_CYTOTOXICITY_UP, CHUNG_BLISTER_CYTOTOXICITY_UP
                                                                                                                   DER_IFN_GAMMA_RESPONSE_UP, DER_IFN_GAMMA_RESPONSE_UP
                                                                                                                    REACTOME_HEDGEHOG_OFF_STATE, REACTOME_HEDGEHOG_OFF_STATE
                                                                                                                    TAKAO_RESPONSE_TO_UVB_RADIATION_UP, TAKAO_RESPONSE_TO_UVB_RADIATION_UP
                                                                                                                    LINDGREN_BLADDER_CANCER_CLUSTER_1_UP, LINDGREN_BLADDER_CANCER_CLUSTER_1_UP
                                                                                                                    REACTOME_TRANSLATION_OF_SARS_COV_2_STRUCTURAL_PROTEINS, REACTOME_TRANSLATION_OF_SARS_COV_2_STRUCTURAL_PROTEINS
                                                                                                                    REACTOME_CIRCADIAN_CLOCK, REACTOME_CIRCADIAN_CLOCK
                                                                                                                    LUI_THYROID_CANCER_CLUSTER_3, LUI_THYROID_CANCER_CLUSTER_3
                                                                                                                    REACTOME_NEGATIVE_REGULATORS_OF_DDX58_IFIH1_SIGNALING, REACTOME_NEGATIVE_REGULATORS_OF_DDX58_IFIH1_SIGNALING
                                                                                                                    REACTOME_SARS_COV_1_INFECTION, REACTOME_SARS_COV_1_INFECTION
                                                                                                                    REACTOME_SYNTHESIS_OF_ACTIVE_UBIQUITIN_ROLES_OF_E1_AND_E2_ENZYMES, REACTOME_SYNTHESIS_OF_ACTIVE_UBIQUITIN_ROLES_OF_E1_AND_E2_ENZYMES
                                                                                                                    REACTOME_ENDOSOMAL_SORTING_COMPLEX_REQUIRED_FOR_TRANSPORT_ESCRT, REACTOME_ENDOSOMAL_SORTING_COMPLEX_REQUIRED_FOR_TRANSPORT_ESCRT
                                                                                                                    REACTOME_PEROXISOMAL_PROTEIN_IMPORT, REACTOME_PEROXISOMAL_PROTEIN_IMPORT
                                                                                                                    ACEVEDO_NORMAL_TISSUE_ADJACENT_TO_LIVER_TUMOR_UP, ACEVEDO_NORMAL_TISSUE_ADJACENT_TO_LIVER_TUMOR_UP
                                                                                                                    KEGG_RENAL_CELL_CARCINOMA, KEGG_RENAL_CELL_CARCINOMA
                                                                                                                    REACTOME_FLT3_SIGNALING_IN_DISEASE, REACTOME_FLT3_SIGNALING_IN_DISEASE
                                                                                                                    REACTOME_DDX58_IFIH1_MEDIATED_INDUCTION_OF_INTERFERON_ALPHA_BETA, REACTOME_DDX58_IFIH1_MEDIATED_INDUCTION_OF_INTERFERON_ALPHA_BETA
                                                                                                                    KAYO_AGING_MUSCLE_DN, KAYO_AGING_MUSCLE_DN
                                                                                                                    REACTOME_N_GLYCAN_TRIMMING_IN_THE_ER_AND_CALNEXIN_CALRETICULIN_CYCLE, REACTOME_N_GLYCAN_TRIMMING_IN_THE_ER_AND_CALNEXIN_CALRETICULIN_CYCLE
                                                                                                                    DER_IFN_ALPHA_RESPONSE_UP, DER_IFN_ALPHA_RESPONSE_UP
                                                                                                                    HOEBEKE_LYMPHOID_STEM_CELL_DN, HOEBEKE_LYMPHOID_STEM_CELL_DN
                                                                                                                    REACTOME TNF SIGNALING, REACTOME TNF SIGNALING
                                                                                                                    REACTOME_DEADENYLATION_OF_MRNA, REACTOME_DEADENYLATION_OF_MRNA
                                                                                                                    REACTOME_SIGNALING_BY_NOTCH1_PEST_DOMAIN_MUTANTS_IN_CANCER, REACTOME_SIGNALING_BY_NOTCH1_PEST_DOMAIN_MUTANTS_IN_CANCER
                                                                                                                    REACTOME_FLT3_SIGNALING, REACTOME_FLT3_SIGNALING
EXPRESSION_OF_SLITS_AND_ROBOS, REACTOME_REGULATION_OF_EXPRESSION_OF_SLITS_AND_ROBOS
                                                                                                                    REACTOME REGULATED NECROSIS, REACTOME REGULATED NECROSIS
                                                                                                                    REACTOME_REGULATION_OF_TNFR1_SIGNALING, REACTOME_REGULATION_OF_TNFR1_SIGNALING
                                                                                                                    REACTOME TCR SIGNALING, REACTOME TCR SIGNALING
                                                                                                                    REACTOME_SIGNALING_BY_NOTCH1, REACTOME_SIGNALING_BY_NOTCH1
                                                                                                                    REACTOME_NEGATIVE_REGULATION_OF_MAPK_PATHWAY, REACTOME_NEGATIVE_REGULATION_OF_MAPK_PATHWAY
                                                                                                                    BHATI_G2M_ARREST_BY_2METHOXYESTRADIOL_DN, BHATI_G2M_ARREST_BY_2METHOXYESTRADIOL_DN
                                                                                                                    REACTOME_TNFR1_INDUCED_NFKAPPAB_SIGNALING_PATHWAY, REACTOME_TNFR1_INDUCED_NFKAPPAB_SIGNALING_PATHWAY
                                                                                                                    BIOCARTA_PROTEASOME_PATHWAY, BIOCARTA_PROTEASOME_PATHWAY
                                                                                                                    REACTOME_JNK_C_JUN_KINASES_PHOSPHORYLATION_AND_ACTIVATION_MEDIATED_BY_ACTIVATED_HUMAN_TAK1, REACTOME_JNK_C_JUN_KINASES_PHOSPHORYLATION_AND_ACTIVATION_MEDIATED_BY_ACTIVATED_HUMAN_TAK1
                                                                                                                    WP_PARKINUBIQUITIN_PROTEASOMAL_SYSTEM_PATHWAY, WP_PARKINUBIQUITIN_PROTEASOMAL_SYSTEM_PATHWAY
                                                                                                                    MIDORIKAWA_AMPLIFIED_IN_LIVER_CANCER, MIDORIKAWA_AMPLIFIED_IN_LIVER_CANCER
                                                                                                                    REACTOME_BUDDING_AND_MATURATION_OF_HIV_VIRION, REACTOME_BUDDING_AND_MATURATION_OF_HIV_VIRION
                                                                                                                    REACTOME MITOPHAGY, REACTOME MITOPHAGY
                                                                                                                    BOYAULT_LIVER_CANCER_SUBCLASS_G1_UP, BOYAULT_LIVER_CANCER_SUBCLASS_G1_UP
                                                                                                                    BILANGES_SERUM_RESPONSE_TRANSLATION, BILANGES_SERUM_RESPONSE_TRANSLATION
                                                                                                                    REACTOME_RIPK1_MEDIATED_REGULATED_NECROSIS, REACTOME_RIPK1_MEDIATED_REGULATED_NECROSIS
                                                                                                                    BOWIE RESPONSE TO EXTRACELLULAR MATRIX, BOWIE RESPONSE TO EXTRACELLULAR MATRIX
                                                                                                                    REACTOME_SELECTIVE_AUTOPHAGY, REACTOME_SELECTIVE_AUTOPHAGY
                                                                                                                    HEDENFALK_BREAST_CANCER_BRACX_UP, HEDENFALK_BREAST_CANCER_BRACX_UP
                                                                                                                    REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER, REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD3_SMAD4_HETEROTRIMER
                                                                                                                    REACTOME_SIGNALING_BY_CSF3_G_CSF, REACTOME_SIGNALING_BY_CSF3_G_CSF
                                                                                                                    REACTOME_ASSEMBLY_OF_THE_HIV_VIRION, REACTOME_ASSEMBLY_OF_THE_HIV_VIRION
                                                                                                                    REACTOME_ALPHA_PROTEIN_KINASE_1_SIGNALING_PATHWAY, REACTOME_ALPHA_PROTEIN_KINASE_1_SIGNALING_PATHWAY
                                                                                                                    WANG_PROSTATE_CANCER_ANDROGEN_INDEPENDENT, WANG_PROSTATE_CANCER_ANDROGEN_INDEPENDENT
                                                                                                                    REACTOME_TNFR2_NON_CANONICAL_NF_KB_PATHWAY, REACTOME_TNFR2_NON_CANONICAL_NF_KB_PATHWAY
                                                                                                                    REACTOME_TICAM1_RIP1_MEDIATED_IKK_COMPLEX_RECRUITMENT, REACTOME_TICAM1_RIP1_MEDIATED_IKK_COMPLEX_RECRUITMENT
                                                                                                                    REACTOME_IRON_UPTAKE_AND_TRANSPORT, REACTOME_IRON_UPTAKE_AND_TRANSPORT
                                                                                                                    REACTOME_NOTCH1_INTRACELLULAR_DOMAIN_REGULATES_TRANSCRIPTION, REACTOME_NOTCH1_INTRACELLULAR_DOMAIN_REGULATES_TRANSCRIPTION
                                                                                                                    ZHONG_SECRETOME_OF_LUNG_CANCER_AND_MACROPHAGE, ZHONG_SECRETOME_OF_LUNG_CANCER_AND_MACROPHAGE
                                                                                                                    REACTOME_GLYCOGEN_SYNTHESIS, REACTOME_GLYCOGEN_SYNTHESIS
                                                                                                                    REACTOME_TGF_BETA_RECEPTOR_SIGNALING_IN_EMT_EPITHELIAL_TO_MESENCHYMAL_TRANSITION, REACTOME_TGF_BETA_RECEPTOR_SIGNALING_IN_EMT_EPITHELIAL_TO_MESENCHYMAL_TRANSITION
                                                                                                                    NUTT_GBM_VS_AO_GLIOMA_DN, NUTT_GBM_VS_AO_GLIOMA_DN
                                                                                                                    TIEN_INTESTINE_PROBIOTICS_6HR_UP, TIEN_INTESTINE_PROBIOTICS_6HR_UP
                                                                                                                    REACTOME_RESPONSE_OF_MTB_TO_PHAGOCYTOSIS, REACTOME_RESPONSE_OF_MTB_TO_PHAGOCYTOSIS
                                                                                                                    REACTOME_RAS_PROCESSING, REACTOME_RAS_PROCESSING
                                                                                                                    REACTOME_SMAD2_SMAD3_SMAD4_HETEROTRIMER_REGULATES_TRANSCRIPTION, REACTOME_SMAD2_SMAD3_SMAD4_HETEROTRIMER_REGULATES_TRANSCRIPTION
                                                                                                                    REACTOME_TOLL_LIKE_RECEPTOR_TLR1_TLR2_CASCADE, REACTOME_TOLL_LIKE_RECEPTOR_TLR1_TLR2_CASCADE
                                                                                                                    REACTOME_GLYCOGEN_METABOLISM, REACTOME_GLYCOGEN_METABOLISM
                                                                                                                    ZHOU_TNF_SIGNALING_4HR, ZHOU_TNF_SIGNALING_4HR
                                                                                                                    BIOCARTA_EIF4_PATHWAY, BIOCARTA_EIF4_PATHWAY
                                                                                                                    REACTOME_LATE_ENDOSOMAL_MICROAUTOPHAGY, REACTOME_LATE_ENDOSOMAL_MICROAUTOPHAGY
                                                                                                                    REACTOME_PEXOPHAGY, REACTOME_PEXOPHAGY
                                                                                                                    REACTOME_TGF_BETA_RECEPTOR_SIGNALING_ACTIVATES_SMADS, REACTOME_TGF_BETA_RECEPTOR_SIGNALING_ACTIVATES_SMADS
                                                                                                                    REACTOME_INACTIVATION_OF_CSF3_G_CSF_SIGNALING, REACTOME_INACTIVATION_OF_CSF3_G_CSF_SIGNALING
                                                                                                                    WHITESIDE_CISPLATIN_RESISTANCE_DN, WHITESIDE_CISPLATIN_RESISTANCE_DN
                                                                                                                    REACTOME_CALNEXIN_CALRETICULIN_CYCLE, REACTOME_CALNEXIN_CALRETICULIN_CYCLE
                                                                                                                    REACTOME_ACTIVATED_NOTCH1_TRANSMITS_SIGNAL_TO_THE_NUCLEUS, REACTOME_ACTIVATED_NOTCH1_TRANSMITS_SIGNAL_TO_THE_NUCLEUS
                                                                                                                    REACTOME_CELL_DEATH_SIGNALLING_VIA_NRAGE_NRIF_AND_NADE, REACTOME_CELL_DEATH_SIGNALLING_VIA_NRAGE_NRIF_AND_NADE
                                                                                                                    REACTOME_GLYCOGEN_STORAGE_DISEASES, REACTOME_GLYCOGEN_STORAGE_DISEASES
                                                                                                                    REACTOME_SUPPRESSION_OF_PHAGOSOMAL_MATURATION, REACTOME_SUPPRESSION_OF_PHAGOSOMAL_MATURATION
                                                                                                                    DIRMEIER_LMP1_RESPONSE_EARLY, DIRMEIER_LMP1_RESPONSE_EARLY
                                                                                                                    REACTOME_TICAM1_TRAF6_DEPENDENT_INDUCTION_OF_TAK1_COMPLEX, REACTOME_TICAM1_TRAF6_DEPENDENT_INDUCTION_OF_TAK1_COMPLEX
                                                                                                                    REACTOME_LISTERIA_MONOCYTOGENES_ENTRY_INTO_HOST_CELLS, REACTOME_LISTERIA_MONOCYTOGENES_ENTRY_INTO_HOST_CELLS
                                                                                                                    REACTOME_ER_QUALITY_CONTROL_COMPARTMENT_ERQC, REACTOME_ER_QUALITY_CONTROL_COMPARTMENT_ERQC
                                                                                                                    REACTOME_PREVENTION_OF_PHAGOSOMAL_LYSOSOMAL_FUSION, REACTOME_PREVENTION_OF_PHAGOSOMAL_LYSOSOMAL_FUSION
                                                                                                                    WUNDER_INFLAMMATORY_RESPONSE_AND_CHOLESTEROL_UP, WUNDER_INFLAMMATORY_RESPONSE_AND_CHOLESTEROL_UP
                                                                                                                    REACTOME_SIGNALING_BY_NOTCH2, REACTOME_SIGNALING_BY_NOTCH2
                                                                                                                    BYSTROEM_CORRELATED_WITH_IL5_UP, BYSTROEM_CORRELATED_WITH_IL5_UP
                                                                                                                    REACTOME_TRANSLATION_OF_SARS_COV_1_STRUCTURAL_PROTEINS, REACTOME_TRANSLATION_OF_SARS_COV_1_STRUCTURAL_PROTEINS
                                                                                                                    HOLLEMAN_ASPARAGINASE_RESISTANCE_B_ALL_UP, HOLLEMAN_ASPARAGINASE_RESISTANCE_B_ALL_UP
                                                                                                                    YANAGISAWA_LUNG_CANCER_RECURRENCE, YANAGISAWA_LUNG_CANCER_RECURRENCE
                                                                                                                    REACTOME_TICAM1_DEPENDENT_ACTIVATION_OF_IRF3_IRF7, REACTOME_TICAM1_DEPENDENT_ACTIVATION_OF_IRF3_IRF7
                                                                                                                    REACTOME_EGFR_DOWNREGULATION, REACTOME_EGFR_DOWNREGULATION
                                                                                                                    REACTOME_DOWNREGULATION_OF_SMAD2_3_SMAD4_TRANSCRIPTIONAL_ACTIVITY, REACTOME_DOWNREGULATION_OF_SMAD2_3_SMAD4_TRANSCRIPTIONAL_ACTIVITY
                                                                                                                    ABE_INNER_EAR, ABE_INNER_EAR
                                                                                                                   REACTOME_MAP3K8_TPL2_DEPENDENT_MAPK1_3_ACTIVATION, REACTOME_MAP3K8_TPL2_DEPENDENT_MAPK1_3_ACTIVATION
                                                                                                                   REACTOME_REGULATION_OF_SIGNALING_BY_CBL, REACTOME_REGULATION_OF_SIGNALING_BY_CBL
                                                                                                                   REACTOME_REGULATION_OF_INNATE_IMMUNE_RESPONSES_TO_CYTOSOLIC_DNA, REACTOME_REGULATION_OF_INNATE_IMMUNE_RESPONSES_TO_CYTOSOLIC_DNA
                                                                                                                    REACTOME_INFECTION_WITH_MYCOBACTERIUM_TUBERCULOSIS, REACTOME_INFECTION_WITH_MYCOBACTERIUM_TUBERCULOSIS
                                                                                                                    REACTOME_INLB_MEDIATED_ENTRY_OF_LISTERIA_MONOCYTOGENES_INTO_HOST_CELL, REACTOME_INLB_MEDIATED_ENTRY_OF_LISTERIA_MONOCYTOGENES_INTO_HOST_CELL
                                                                                                                    REACTOME_SIGNALING_BY_MET, REACTOME_SIGNALING_BY_MET
                                                                                                                    TONG INTERACT WITH PTTG1, TONG INTERACT WITH PTTG1
                                                                                                                    REACTOME_CHAPERONE_MEDIATED_AUTOPHAGY, REACTOME_CHAPERONE_MEDIATED_AUTOPHAGY
                                                                                                                    REACTOME_IRAK1_RECRUITS_IKK_COMPLEX, REACTOME_IRAK1_RECRUITS_IKK_COMPLEX
                                                                                                                    GOERING_BLOOD_HDL_CHOLESTEROL_QTL_CIS, GOERING_BLOOD_HDL_CHOLESTEROL_QTL_CIS
                                                                                                                    REACTOME_JOSEPHIN_DOMAIN_DUBS, REACTOME_JOSEPHIN_DOMAIN_DUBS
                                                                                                                    REACTOME_TRAF6_MEDIATED_IRF7_ACTIVATION_IN_TLR7_8_OR_9_SIGNALING, REACTOME_TRAF6_MEDIATED_IRF7_ACTIVATION_IN_TLR7_8_OR_9_SIGNALING
                                                                                                                    REACTOME INTERLEUKIN 3 INTERLEUKIN 5 AND GM CSF SIGNALING, REACTOME INTERLEUKIN 3 INTERLEUKIN 5 AND GM CSF SIGNALING
                                                                                                                    REACTOME_NOTCH3_ACTIVATION_AND_TRANSMISSION_OF_SIGNAL_TO_THE_NUCLEUS, REACTOME_NOTCH3_ACTIVATION_AND_TRANSMISSION_OF_SIGNAL_TO_THE_NUCLEUS
                                                                                                                    REACTOME_IRAK2_MEDIATED_ACTIVATION_OF_TAK1_COMPLEX, REACTOME_IRAK2_MEDIATED_ACTIVATION_OF_TAK1_COMPLEX
                                                                                                                    REACTOME_SPRY_REGULATION_OF_FGF_SIGNALING, REACTOME_SPRY_REGULATION_OF_FGF_SIGNALING
                                                                                                                    REACTOME DISEASES OF CARBOHYDRATE METABOLISM, REACTOME DISEASES OF CARBOHYDRATE METABOLISM
                                                                                                                    REACTOME_SIGNALING_BY_NOTCH1_HD_DOMAIN_MUTANTS_IN_CANCER, REACTOME_SIGNALING_BY_NOTCH1_HD_DOMAIN_MUTANTS_IN_CANCER
                                                                                                                    CHUANG_OXIDATIVE_STRESS_RESPONSE_UP, CHUANG_OXIDATIVE_STRESS_RESPONSE_UP
                                                                                                                    REACTOME_MYOCLONIC_EPILEPSY_OF_LAFORA, REACTOME_MYOCLONIC_EPILEPSY_OF_LAFORA
                                                                                                                    REACTOME_AGGREPHAGY, REACTOME_AGGREPHAGY
                                                                                                                    REACTOME_SIGNALING_BY_NOTCH3, REACTOME_SIGNALING_BY_NOTCH3
                                                                                                                    WP_DUAL_HIJACK_MODEL_OF_VIF_IN_HIV_INFECTION, WP_DUAL_HIJACK_MODEL_OF_VIF_IN_HIV_INFECTION
                                                                                                                    WP_INSULIN_SIGNALLING_IN_HUMAN_ADIPOCYTES_NORMAL_CONDITION, WP_INSULIN_SIGNALLING_IN_HUMAN_ADIPOCYTES_NORMAL_CONDITION
                                                                                                                    WP_INSULIN_SIGNALLING_IN_HUMAN_ADIPOCYTES_DIABETIC_CONDITION, WP_INSULIN_SIGNALLING_IN_HUMAN_ADIPOCYTES_DIABETIC_CONDITION
                                                                                                                    CAFFAREL_RESPONSE_TO_THC_24HR_3_UP, CAFFAREL_RESPONSE_TO_THC_24HR_3_UP
                                                                                                                    REACTOME_NEGATIVE_REGULATION_OF_MET_ACTIVITY, REACTOME_NEGATIVE_REGULATION_OF_MET_ACTIVITY
                                                                                                                    REACTOME_OVARIAN_TUMOR_DOMAIN_PROTEASES, REACTOME_OVARIAN_TUMOR_DOMAIN_PROTEASES
                                                                                                                    REACTOME_REGULATION_OF_FZD_BY_UBIQUITINATION, REACTOME_REGULATION_OF_FZD_BY_UBIQUITINATION
```

WP\_CYTOPLASMIC\_RIBOSOMAL\_PROTEINS, WP\_CYTOPLASMIC\_RIBOSOMAL\_PROTEINS

REACTOME EUKARYOTIC TRANSLATION INITIATION, REACTOME EUKARYOTIC TRANSLATION INITIATION

REACTOME\_SRP\_DEPENDENT\_COTRANSLATIONAL\_PROTEIN\_TARGETING\_TO\_MEMBRANE, REACTOME\_SRP\_DEPENDENT\_COTRANSLATIONAL\_PROTEIN\_TARGETING\_TO\_MEMBRANE