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REACTOME_CELLULAR_RESPONSE_TO_STARVATION, REACTOME_CELLULAR_RESPONSE_TO_STARVATION
  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_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS_AND_EIFS
  REACTOME_RESPONSE_OF_EIF2AK4_GCN2_TO_AMINO_ACID_DEFICIENCY, REACTOME_RESPONSE_OF_EIF2AK4_GCN2_TO_AMINO_ACID_DEFICIENCY
 REACTOME_EUKARYOTIC_TRANSLATION_ELONGATION, REACTOME_EUKARYOTIC_TRANSLATION_ELONGATION
 WP_CYTOPLASMIC_RIBOSOMAL_PROTEINS, WP_CYTOPLASMIC_RIBOSOMAL_PROTEINS
 REACTOME_REGULATION_OF_EXPRESSION_OF_SLITS_AND_ROBOS, REACTOME_REGULATION_OF_EXPRESSION_OF_SLITS_AND_ROBOS
 REACTOME_NONSENSE_MEDIATED_DECAY_NMD, REACTOME_NONSENSE_MEDIATED_DECAY_NMD
 REACTOME_SRP_DEPENDENT_COTRANSLATIONAL_PROTEIN_TARGETING_TO_MEMBRANE, REACTOME_SRP_DEPENDENT_COTRANSLATIONAL_PROTEIN_TARGETING_TO_MEMBRANE
 KEGG_RIBOSOME, KEGG_RIBOSOME
 REACTOME_RRNA_MODIFICATION_IN_THE_NUCLEUS_AND_CYTOSOL, REACTOME_RRNA_MODIFICATION_IN_THE_NUCLEUS_AND_CYTOSOL
 REACTOME_SELENOAMINO_ACID_METABOLISM, REACTOME_SELENOAMINO_ACID_METABOLISM
 JISON_SICKLE_CELL_DISEASE_DN, JISON_SICKLE_CELL_DISEASE_DN
 BILANGES_SERUM_AND_RAPAMYCIN_SENSITIVE_GENES, BILANGES_SERUM_AND_RAPAMYCIN_SENSITIVE_GENES
 PECE_MAMMARY_STEM_CELL_UP, PECE_MAMMARY_STEM_CELL_UP
 IRITANI_MAD1_TARGETS_DN, IRITANI_MAD1_TARGETS_DN
 PID_MYC_ACTIV_PATHWAY, PID_MYC_ACTIV_PATHWAY
 TAKAO_RESPONSE_TO_UVB_RADIATION_UP, TAKAO_RESPONSE_TO_UVB_RADIATION_UP
 CHNG_MULTIPLE_MYELOMA_HYPERPLOID_UP, CHNG_MULTIPLE_MYELOMA_HYPERPLOID_UP
 PID_MTOR_4PATHWAY, PID_MTOR_4PATHWAY
  ANDERSEN LIVER CANCER KRT19 UP, ANDERSEN LIVER CANCER KRT19 UP
  ACEVEDO_NORMAL_TISSUE_ADJACENT_TO_LIVER_TUMOR_UP, ACEVEDO_NORMAL_TISSUE_ADJACENT_TO_LIVER_TUMOR_UP
  TIEN INTESTINE PROBIOTICS 6HR UP, TIEN INTESTINE PROBIOTICS 6HR UP
  REACTOME_DEADENYLATION_DEPENDENT_MRNA_DECAY, REACTOME_DEADENYLATION_DEPENDENT_MRNA_DECAY
  YAMASHITA_LIVER_CANCER_WITH_EPCAM_UP, YAMASHITA_LIVER_CANCER_WITH_EPCAM_UP
  REACTOME_MTOR_SIGNALLING, REACTOME_MTOR_SIGNALLING
  REACTOME_TRANSLESION_SYNTHESIS_BY_POLK, REACTOME_TRANSLESION_SYNTHESIS_BY_POLK
 REACTOME_MTORC1_MEDIATED_SIGNALLING, REACTOME_MTORC1_MEDIATED_SIGNALLING
  HOLLEMAN_ASPARAGINASE_RESISTANCE_ALL_UP, HOLLEMAN_ASPARAGINASE_RESISTANCE_ALL_UP
  REACTOME_BUDDING_AND_MATURATION_OF_HIV_VIRION, REACTOME_BUDDING_AND_MATURATION_OF_HIV_VIRION
  REACTOME_APC_C_CDC20_MEDIATED_DEGRADATION_OF_CYCLIN_B, REACTOME_APC_C_CDC20_MEDIATED_DEGRADATION_OF_CYCLIN_B
  NUTT_GBM_VS_AO_GLIOMA_DN, NUTT_GBM_VS_AO_GLIOMA_DN
 PURBEY_TARGETS_OF_CTBP1_AND_SATB1_UP, PURBEY_TARGETS_OF_CTBP1_AND_SATB1_UP
 WP_TRANSLATION_INHIBITORS_IN_CHRONICALLY_ACTIVATED_PDGFRA_CELLS, WP_TRANSLATION_INHIBITORS_IN_CHRONICALLY_ACTIVATED_PDGFRA_CELLS
 WANG_PROSTATE_CANCER_ANDROGEN_INDEPENDENT, WANG_PROSTATE_CANCER_ANDROGEN_INDEPENDENT
  HOLLEMAN_ASPARAGINASE_RESISTANCE_B_ALL_UP, HOLLEMAN_ASPARAGINASE_RESISTANCE_B_ALL_UP
  MARTORIATI_MDM4_TARGETS_NEUROEPITHELIUM_UP, MARTORIATI_MDM4_TARGETS_NEUROEPITHELIUM_UP
  REACTOME_GAP_FILLING_DNA_REPAIR_SYNTHESIS_AND_LIGATION_IN_GG_NER, REACTOME_GAP_FILLING_DNA_REPAIR_SYNTHESIS_AND_LIGATION_IN_GG_NER
  BIOCARTA_EIF4_PATHWAY, BIOCARTA_EIF4_PATHWAY
 REACTOME_GLYCOGEN_METABOLISM, REACTOME_GLYCOGEN_METABOLISM
  LINDGREN_BLADDER_CANCER_CLUSTER_1_UP, LINDGREN_BLADDER_CANCER_CLUSTER_1_UP
✓ WP LEPTIN SIGNALING PATHWAY, WP LEPTIN SIGNALING PATHWAY
─ WP_BRAINDERIVED_NEUROTROPHIC_FACTOR_BDNF_SIGNALING_PATHWAY, WP_BRAINDERIVED_NEUROTROPHIC_FACTOR_BDNF_SIGNALING_PATHWAY
  REACTOME_TRANSLESION_SYNTHESIS_BY_POLH, REACTOME_TRANSLESION_SYNTHESIS_BY_POLH
  REACTOME_RAS_PROCESSING, REACTOME_RAS_PROCESSING
 FLOTHO PEDIATRIC ALL THERAPY RESPONSE UP, FLOTHO PEDIATRIC ALL THERAPY RESPONSE UP
 REACTOME_SYNTHESIS_OF_ACTIVE_UBIQUITIN_ROLES_OF_E1_AND_E2_ENZYMES, REACTOME_SYNTHESIS_OF_ACTIVE_UBIQUITIN_ROLES_OF_E1_AND_E2_ENZYMES
  KEGG_MTOR_SIGNALING_PATHWAY, KEGG_MTOR_SIGNALING_PATHWAY
 REACTOME_REGULATION_OF_TP53_EXPRESSION_AND_DEGRADATION, REACTOME_REGULATION_OF_TP53_EXPRESSION_AND_DEGRADATION
 REACTOME_TRANSLATION_OF_SARS_COV_1_STRUCTURAL_PROTEINS, REACTOME_TRANSLATION_OF_SARS_COV_1_STRUCTURAL_PROTEINS
  REACTOME_RECYCLING_OF_EIF2_GDP, REACTOME_RECYCLING_OF_EIF2_GDP
  DIRMEIER_LMP1_RESPONSE_LATE_DN, DIRMEIER_LMP1_RESPONSE_LATE_DN
  CHANDRAN_METASTASIS_TOP50_UP, CHANDRAN_METASTASIS_TOP50_UP
  REACTOME_MAP3K8_TPL2_DEPENDENT_MAPK1_3_ACTIVATION, REACTOME_MAP3K8_TPL2_DEPENDENT_MAPK1_3_ACTIVATION
  DIRMEIER_LMP1_RESPONSE_EARLY, DIRMEIER_LMP1_RESPONSE_EARLY
  POMEROY_MEDULLOBLASTOMA_PROGNOSIS_DN, POMEROY_MEDULLOBLASTOMA_PROGNOSIS_DN
  REACTOME_FLT3_SIGNALING_IN_DISEASE, REACTOME_FLT3_SIGNALING_IN_DISEASE
  REACTOME_RECOGNITION_OF_DNA_DAMAGE_BY_PCNA_CONTAINING_REPLICATION_COMPLEX, REACTOME_RECOGNITION_OF_DNA_DAMAGE_BY_PCNA_CONTAINING_REPLICATION_COMPLEX
  REACTOME LATE ENDOSOMAL MICROAUTOPHAGY, REACTOME LATE ENDOSOMAL MICROAUTOPHAGY
  REACTOME_NEGATIVE_REGULATION_OF_FLT3, REACTOME_NEGATIVE_REGULATION_OF_FLT3
  REACTOME_TERMINATION_OF_TRANSLESION_DNA_SYNTHESIS, REACTOME_TERMINATION_OF_TRANSLESION_DNA_SYNTHESIS
  REACTOME_REGULATION_OF_SIGNALING_BY_CBL, REACTOME_REGULATION_OF_SIGNALING_BY_CBL
  REACTOME_NEGATIVE_REGULATORS_OF_DDX58_IFIH1_SIGNALING, REACTOME_NEGATIVE_REGULATORS_OF_DDX58_IFIH1_SIGNALING
 HILLION_HMGA1_TARGETS, HILLION_HMGA1_TARGETS
  BIOCARTA_VEGF_PATHWAY, BIOCARTA_VEGF_PATHWAY
  REACTOME_CHAPERONE_MEDIATED_AUTOPHAGY, REACTOME_CHAPERONE_MEDIATED_AUTOPHAGY
 REACTOME_INK_C_JUN_KINASES_PHOSPHORYLATION_AND_ACTIVATION_MEDIATED_BY_ACTIVATED_HUMAN_TAK1, REACTOME_JNK_C_JUN_KINASES_PHOSPHORYLATION_AND_ACTIVATION_MEDIATED_BY_ACTIVATED_HUMAN_TAK1
 KYNG_RESPONSE_TO_H2O2_VIA_ERCC6_DN, KYNG_RESPONSE_TO_H2O2_VIA_ERCC6_DN
 REACTOME_METALLOPROTEASE_DUBS, REACTOME_METALLOPROTEASE_DUBS
 REACTOME_DOWNREGULATION_OF_SMAD2_3_SMAD4_TRANSCRIPTIONAL_ACTIVITY, REACTOME_DOWNREGULATION_OF_SMAD2_3_SMAD4_TRANSCRIPTIONAL_ACTIVITY
 REACTOME_CONSTITUTIVE_SIGNALING_BY_LIGAND_RESPONSIVE_EGFR_CANCER_VARIANTS, REACTOME_CONSTITUTIVE_SIGNALING_BY_LIGAND_RESPONSIVE_EGFR_CANCER_VARIANTS
 REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_METHYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_METHYLATION
 REACTOME_OVARIAN_TUMOR_DOMAIN_PROTEASES, REACTOME_OVARIAN_TUMOR_DOMAIN_PROTEASES
 WP_INTERFERON_TYPE_I_SIGNALING_PATHWAYS, WP_INTERFERON_TYPE_I_SIGNALING_PATHWAYS
 BILANGES_RAPAMYCIN_SENSITIVE_GENES, BILANGES_RAPAMYCIN_SENSITIVE_GENES
 REACTOME_TNFR1_INDUCED_NFKAPPAB_SIGNALING_PATHWAY, REACTOME_TNFR1_INDUCED_NFKAPPAB_SIGNALING_PATHWAY
 THEILGAARD_NEUTROPHIL_AT_SKIN_WOUND_UP, THEILGAARD_NEUTROPHIL_AT_SKIN_WOUND_UP
 REACTOME_SMAD2_SMAD3_SMAD4_HETEROTRIMER_REGULATES_TRANSCRIPTION, REACTOME_SMAD2_SMAD3_SMAD4_HETEROTRIMER_REGULATES_TRANSCRIPTION
 REACTOME_ASSEMBLY_OF_THE_HIV_VIRION, REACTOME_ASSEMBLY_OF_THE_HIV_VIRION
 BOHN_PRIMARY_IMMUNODEFICIENCY_SYNDROM_UP, BOHN_PRIMARY_IMMUNODEFICIENCY_SYNDROM_UP
 REACTOME_TICAM1_DEPENDENT_ACTIVATION_OF_IRF3_IRF7, REACTOME_TICAM1_DEPENDENT_ACTIVATION_OF_IRF3_IRF7
  REACTOME_ALPHA_PROTEIN_KINASE_1_SIGNALING_PATHWAY, REACTOME_ALPHA_PROTEIN_KINASE_1_SIGNALING_PATHWAY
  REACTOME N GLYCAN TRIMMING IN THE ER AND CALNEXIN CALRETICULIN CYCLE, REACTOME N GLYCAN TRIMMING IN THE ER AND CALNEXIN CALRETICULIN CYCLE
 REACTOME_REGULATION_OF_TNFR1_SIGNALING, REACTOME_REGULATION_OF_TNFR1_SIGNALING
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C_TRANSLATION_INITIATION, REACTOME_EUKARYOTIC_TRANSLATION_INITIATION