```
SCHUHMACHER_MYC_TARGETS_UP, SCHUHMACHER_MYC_TARGETS_UP
REACTOME_TRNA_PROCESSING, REACTOME_TRNA_PROCESSING
MOREAUX_MULTIPLE_MYELOMA_BY_TACI_DN, MOREAUX_MULTIPLE_MYELOMA_BY_TACI_DN
DANG_MYC_TARGETS_UP, DANG_MYC_TARGETS_UP
BOYAULT_LIVER_CANCER_SUBCLASS_G3_UP, BOYAULT_LIVER_CANCER_SUBCLASS_G3_UP
KARLSSON_TGFB1_TARGETS_UP, KARLSSON_TGFB1_TARGETS_UP
BASSO_B_LYMPHOCYTE_NETWORK, BASSO_B_LYMPHOCYTE_NETWORK
REACTOME_HOST_INTERACTIONS_OF_HIV_FACTORS, REACTOME_HOST_INTERACTIONS_OF_HIV_FACTORS
LEE_LIVER_CANCER_SURVIVAL_DN, LEE_LIVER_CANCER_SURVIVAL_DN
REACTOME_TRNA_AMINOACYLATION, REACTOME_TRNA_AMINOACYLATION
YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_14, YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_14
REACTOME_TRNA_PROCESSING_IN_THE_NUCLEUS, REACTOME_TRNA_PROCESSING_IN_THE_NUCLEUS
GOLDRATH_HOMEOSTATIC_PROLIFERATION, GOLDRATH_HOMEOSTATIC_PROLIFERATION
MOREAUX_B_LYMPHOCYTE_MATURATION_BY_TACI_DN, MOREAUX_B_LYMPHOCYTE_MATURATION_BY_TACI_DN
ACOSTA_PROLIFERATION_INDEPENDENT_MYC_TARGETS_UP, ACOSTA_PROLIFERATION_INDEPENDENT_MYC_TARGETS_UP
REACTOME_SUMOYLATION, REACTOME_SUMOYLATION
YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_11, YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_11
EPPERT_PROGENITOR, EPPERT_PROGENITOR
KEGG_AMINOACYL_TRNA_BIOSYNTHESIS, KEGG_AMINOACYL_TRNA_BIOSYNTHESIS
LI_WILMS_TUMOR_VS_FETAL_KIDNEY_1_DN, LI_WILMS_TUMOR_VS_FETAL_KIDNEY_1_DN
BROWN_MYELOID_CELL_DEVELOPMENT_DN, BROWN_MYELOID_CELL_DEVELOPMENT_DN
REACTOME_SUMOYLATION_OF_DNA_REPLICATION_PROTEINS, REACTOME_SUMOYLATION_OF_DNA_REPLICATION_PROTEINS
RHODES_UNDIFFERENTIATED_CANCER, RHODES_UNDIFFERENTIATED_CANCER
REACTOME_SUMOYLATION_OF_DNA_DAMAGE_RESPONSE_AND_REPAIR_PROTEINS, REACTOME_SUMOYLATION_OF_DNA_DAMAGE_RESPONSE_AND_REPAIR_PROTEINS
REACTOME_CYTOSOLIC_TRNA_AMINOACYLATION, REACTOME_CYTOSOLIC_TRNA_AMINOACYLATION
BILANGES_RAPAMYCIN_SENSITIVE_VIA_TSC1_AND_TSC2, BILANGES_RAPAMYCIN_SENSITIVE_VIA_TSC1_AND_TSC2
JAIN_NFKB_SIGNALING, JAIN_NFKB_SIGNALING
COLLER_MYC_TARGETS_UP, COLLER_MYC_TARGETS_UP
REACTOME PROTEIN LOCALIZATION, REACTOME PROTEIN LOCALIZATION
REACTOME_INTERACTIONS_OF_VPR_WITH_HOST_CELLULAR_PROTEINS, REACTOME_INTERACTIONS_OF_VPR_WITH_HOST_CELLULAR_PROTEINS
REACTOME_INTERACTIONS_OF_REV_WITH_HOST_CELLULAR_PROTEINS, REACTOME_INTERACTIONS_OF_REV_WITH_HOST_CELLULAR_PROTEINS
HOSHIDA_LIVER_CANCER_SUBCLASS_S2, HOSHIDA_LIVER_CANCER_SUBCLASS_S2
WP_TRANSLATION_FACTORS, WP_TRANSLATION_FACTORS
REACTOME POSTMITOTIC NUCLEAR PORE COMPLEX NPC REFORMATION, REACTOME POSTMITOTIC NUCLEAR PORE COMPLEX NPC REFORMATION
REACTOME_TRANSPORT_OF_THE_SLBP_DEPENDANT_MATURE_MRNA, REACTOME_TRANSPORT_OF_THE_SLBP_DEPENDANT_MATURE_MRNA
REACTOME_SUMOYLATION_OF_SUMOYLATION_PROTEINS, REACTOME_SUMOYLATION_OF_SUMOYLATION_PROTEINS
REACTOME_NUCLEAR_IMPORT_OF_REV_PROTEIN, REACTOME_NUCLEAR_IMPORT_OF_REV_PROTEIN
REACTOME_SUMOYLATION_OF_CHROMATIN_ORGANIZATION_PROTEINS, REACTOME_SUMOYLATION_OF_CHROMATIN_ORGANIZATION_PROTEINS
WP_AMINO_ACID_METABOLISM, WP_AMINO_ACID_METABOLISM
ZHAN_MULTIPLE_MYELOMA_SUBGROUPS, ZHAN_MULTIPLE_MYELOMA_SUBGROUPS
SHAFFER_IRF4_TARGETS_IN_ACTIVATED_B_LYMPHOCYTE, SHAFFER_IRF4_TARGETS_IN_ACTIVATED_B_LYMPHOCYTE
REACTOME SUMOYLATION OF UBIQUITINYLATION PROTEINS, REACTOME SUMOYLATION OF UBIQUITINYLATION PROTEINS
REACTOME_EXPORT_OF_VIRAL_RIBONUCLEOPROTEINS_FROM_NUCLEUS, REACTOME_EXPORT_OF_VIRAL_RIBONUCLEOPROTEINS_FROM_NUCLEUS
REACTOME_NS1_MEDIATED_EFFECTS_ON_HOST_PATHWAYS, REACTOME_NS1_MEDIATED_EFFECTS_ON_HOST_PATHWAYS
REACTOME_REGULATION_OF_HSF1_MEDIATED_HEAT_SHOCK_RESPONSE, REACTOME_REGULATION_OF_HSF1_MEDIATED_HEAT_SHOCK_RESPONSE
REACTOME_SUMOYLATION_OF_RNA_BINDING_PROTEINS, REACTOME_SUMOYLATION_OF_RNA_BINDING_PROTEINS
REACTOME_REGULATION_OF_GLUCOKINASE_BY_GLUCOKINASE_REGULATORY_PROTEIN, REACTOME_REGULATION_OF_GLUCOKINASE_BY_GLUCOKINASE_REGULATORY_PROTEIN
REACTOME_CELLULAR_RESPONSE_TO_HEAT_STRESS, REACTOME_CELLULAR_RESPONSE_TO_HEAT_STRESS
JIANG_AGING_HYPOTHALAMUS_UP, JIANG_AGING_HYPOTHALAMUS_UP
BHATTACHARYA EMBRYONIC STEM CELL, BHATTACHARYA EMBRYONIC STEM CELL
REACTOME_PYRUVATE_METABOLISM_AND_CITRIC_ACID_TCA_CYCLE, REACTOME_PYRUVATE_METABOLISM_AND_CITRIC_ACID_TCA_CYCLE
WONG_PROTEASOME_GENE_MODULE, WONG_PROTEASOME_GENE_MODULE
PUIFFE_INVASION_INHIBITED_BY_ASCITES_DN, PUIFFE_INVASION_INHIBITED_BY_ASCITES_DN
KAAB_FAILED_HEART_ATRIUM_DN, KAAB_FAILED_HEART_ATRIUM_DN
REACTOME_DISORDERS_OF_TRANSMEMBRANE_TRANSPORTERS, REACTOME_DISORDERS_OF_TRANSMEMBRANE_TRANSPORTERS
REACTOME NUCLEAR ENVELOPE NE REASSEMBLY, REACTOME NUCLEAR ENVELOPE NE REASSEMBLY
WP_METABOLIC_REPROGRAMMING_IN_COLON_CANCER, WP_METABOLIC_REPROGRAMMING_IN_COLON_CANCER
DAIRKEE CANCER PRONE RESPONSE BPA E2, DAIRKEE CANCER PRONE RESPONSE BPA E2
LI_AMPLIFIED_IN_LUNG_CANCER, LI_AMPLIFIED_IN_LUNG_CANCER
REACTOME_METABOLISM_OF_NUCLEOTIDES, REACTOME_METABOLISM_OF_NUCLEOTIDES
REACTOME_NUCLEAR_PORE_COMPLEX_NPC_DISASSEMBLY, REACTOME_NUCLEAR_PORE_COMPLEX_NPC_DISASSEMBLY
XU_RESPONSE_TO_TRETINOIN_AND_NSC682994_DN, XU_RESPONSE_TO_TRETINOIN_AND_NSC682994_DN
REACTOME_NUCLEAR_ENVELOPE_BREAKDOWN, REACTOME_NUCLEAR_ENVELOPE_BREAKDOWN
ZHU_CMV_24_HR_UP, ZHU_CMV_24_HR_UP
REACTOME_ANTIVIRAL_MECHANISM_BY_IFN_STIMULATED_GENES, REACTOME_ANTIVIRAL_MECHANISM_BY_IFN_STIMULATED_GENES
REACTOME_GLUCOSE_METABOLISM, REACTOME_GLUCOSE_METABOLISM
PUIFFE_INVASION_INHIBITED_BY_ASCITES_UP, PUIFFE_INVASION_INHIBITED_BY_ASCITES_UP
RODWELL_AGING_KIDNEY_NO_BLOOD_DN, RODWELL_AGING_KIDNEY_NO_BLOOD_DN
MORI_PRE_BI_LYMPHOCYTE_UP, MORI_PRE_BI_LYMPHOCYTE_UP
FU_INTERACT_WITH_ALKBH8, FU_INTERACT_WITH_ALKBH8
SEIDEN_ONCOGENESIS_BY_MET, SEIDEN_ONCOGENESIS_BY_MET
REACTOME_PROTEIN_FOLDING, REACTOME_PROTEIN_FOLDING
KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_BIOSYNTHESIS, KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_BIOSYNTHESIS
REACTOME_UNFOLDED_PROTEIN_RESPONSE_UPR, REACTOME_UNFOLDED_PROTEIN_RESPONSE_UPR
WP_NSP1_FROM_SARSCOV2_INHIBITS_TRANSLATION_INITIATION_IN_THE_HOST_CELL, WP_NSP1_FROM_SARSCOV2_INHIBITS_TRANSLATION_INITIATION_IN_THE_HOST_CELL
SHIPP_DLBCL_VS_FOLLICULAR_LYMPHOMA_UP, SHIPP_DLBCL_VS_FOLLICULAR_LYMPHOMA_UP
MOOTHA_TCA, MOOTHA_TCA
ZHU_CMV_ALL_UP, ZHU_CMV_ALL_UP
GENTILE UV RESPONSE CLUSTER D8, GENTILE UV RESPONSE CLUSTER D8
PID_TELOMERASE_PATHWAY, PID_TELOMERASE_PATHWAY
FERRANDO_T_ALL_WITH_MLL_ENL_FUSION_DN, FERRANDO_T_ALL_WITH_MLL_ENL_FUSION_DN
REACTOME_GLYCOLYSIS, REACTOME_GLYCOLYSIS
HU_GENOTOXIN_ACTION_DIRECT_VS_INDIRECT_24HR, HU_GENOTOXIN_ACTION_DIRECT_VS_INDIRECT_24HR
REACTOME_COOPERATION_OF_PREFOLDIN_AND_TRIC_CCT_IN_ACTIN_AND_TUBULIN_FOLDING, REACTOME_COOPERATION_OF_PREFOLDIN_AND_TRIC_CCT_IN_AND_TUBULIN_FOLDING, REACTOME_COOPERATION_OF_PREFOLDIN_AND_TRIC_CCT_IN_ACTIN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT_IN_AND_TRIC_CCT
GENTILE_UV_RESPONSE_CLUSTER_D4, GENTILE_UV_RESPONSE_CLUSTER_D4
REACTOME_BBSOME_MEDIATED_CARGO_TARGETING_TO_CILIUM, REACTOME_BBSOME_MEDIATED_CARGO_TARGETING_TO_CILIUM
SHAFFER_IRF4_TARGETS_IN_MYELOMA_VS_MATURE_B_LYMPHOCYTE, SHAFFER_IRF4_TARGETS_IN_MYELOMA_VS_MATURE_B_LYMPHOCYTE
SUNG_METASTASIS_STROMA_DN, SUNG_METASTASIS_STROMA_DN
PELLICCIOTTA HDAC IN ANTIGEN PRESENTATION DN, PELLICCIOTTA HDAC IN ANTIGEN PRESENTATION DN
WP_PURINE_METABOLISM_AND_RELATED_DISORDERS, WP_PURINE_METABOLISM_AND_RELATED_DISORDERS
BIOCARTA_EIF_PATHWAY, BIOCARTA_EIF_PATHWAY
BIOCARTA_MTOR_PATHWAY, BIOCARTA_MTOR_PATHWAY
SANA_RESPONSE_TO_IFNG_DN, SANA_RESPONSE_TO_IFNG_DN
ELVIDGE_HYPOXIA_BY_DMOG_DN, ELVIDGE_HYPOXIA_BY_DMOG_DN
FERNANDEZ_BOUND_BY_MYC, FERNANDEZ_BOUND_BY_MYC
REACTOME TRANSCRIPTIONAL ACTIVATION OF MITOCHONDRIAL BIOGENESIS, REACTOME TRANSCRIPTIONAL ACTIVATION OF MITOCHONDRIAL BIOGENESIS
LUI_TARGETS_OF_PAX8_PPARG_FUSION, LUI_TARGETS_OF_PAX8_PPARG_FUSION
SESTO_RESPONSE_TO_UV_C8, SESTO_RESPONSE_TO_UV_C8
REACTOME_MITOCHONDRIAL_CALCIUM_ION_TRANSPORT, REACTOME_MITOCHONDRIAL_CALCIUM_ION_TRANSPORT
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ETS REPRESSED BY SERUM, SCHLOSSER MYC TARGETS REPRESSED BY SERUM

DER_IFN_BETA_RESPONSE_UP, DER_IFN_BETA_RESPONSE_UP REACTOME_SLC_TRANSPORTER_DISORDERS, REACTOME_SLC_TRANSPORTER_DISORDERS REACTOME_FOLDING_OF_ACTIN_BY_CCT_TRIC, REACTOME_FOLDING_OF_ACTIN_BY_CCT_TRIC LANG_MYB_FAMILY_TARGETS, LANG_MYB_FAMILY_TARGETS GUTIERREZ_MULTIPLE_MYELOMA_UP, GUTIERREZ_MULTIPLE_MYELOMA_UP TAKAO_RESPONSE_TO_UVB_RADIATION_DN, TAKAO_RESPONSE_TO_UVB_RADIATION_DN REACTOME_ASSOCIATION_OF_TRIC_CCT_WITH_TARGET_PROTEINS_DURING_BIOSYNTHESIS, REACTOME_ASSOCIATION_OF_TRIC_CCT_WITH_TARGET_PROTEINS_DURING_BIOSYNTHESIS LI_WILMS_TUMOR_ANAPLASTIC_UP, LI_WILMS_TUMOR_ANAPLASTIC_UP DAZARD_RESPONSE_TO_UV_SCC_DN, DAZARD_RESPONSE_TO_UV_SCC_DN DAZARD_RESPONSE_TO_UV_SCC_UP, DAZARD_RESPONSE_TO_UV_SCC_UP LUI_THYROID_CANCER_CLUSTER_1, LUI_THYROID_CANCER_CLUSTER_1 ZHAN_MULTIPLE_MYELOMA_CD1_VS_CD2_UP, ZHAN_MULTIPLE_MYELOMA_CD1_VS_CD2_UP LUI_THYROID_CANCER_PAX8_PPARG_UP, LUI_THYROID_CANCER_PAX8_PPARG_UP WP_TCA_CYCLE_AND_DEFICIENCY_OF_PYRUVATE_DEHYDROGENASE_COMPLEX_PDHC, WP_TCA_CYCLE_AND_DEFICIENCY_OF_PYRUVATE_DEHYDROGENASE_COMPLEX_PDHC ZHAN_VARIABLE_EARLY_DIFFERENTIATION_GENES_DN, ZHAN_VARIABLE_EARLY_DIFFERENTIATION_GENES_DN REACTOME_FORMATION_OF_TUBULIN_FOLDING_INTERMEDIATES_BY_CCT_TRIC, REACTOME_FORMATION_OF_TUBULIN_FOLDING_INTERMEDIATES_BY_CCT_TRIC MULLIGAN_NTF3_SIGNALING_VIA_INSR_AND_IGF1R_UP, MULLIGAN_NTF3_SIGNALING_VIA_INSR_AND_IGF1R_UP BIOCARTA_NPC_PATHWAY, BIOCARTA_NPC_PATHWAY RODWELL_AGING_KIDNEY_DN, RODWELL_AGING_KIDNEY_DN JI_RESPONSE_TO_FSH_DN, JI_RESPONSE_TO_FSH_DN WP_APOPTOSISRELATED_NETWORK_DUE_TO_ALTERED_NOTCH3_IN_OVARIAN_CANCER, WP_APOPTOSISRELATED_NETWORK_DUE_TO_ALTERED_NOTCH3_IN_OVARIAN_CANCER BHATI_G2M_ARREST_BY_2METHOXYESTRADIOL_UP, BHATI_G2M_ARREST_BY_2METHOXYESTRADIOL_UP BHATI_G2M_ARREST_BY_2METHOXYESTRADIOL_DN, BHATI_G2M_ARREST_BY_2METHOXYESTRADIOL_DN WP_GLYCOLYSIS_AND_GLUCONEOGENESIS, WP_GLYCOLYSIS_AND_GLUCONEOGENESIS RASHI_RESPONSE_TO_IONIZING_RADIATION_5, RASHI_RESPONSE_TO_IONIZING_RADIATION_5 LUI_THYROID_CANCER_PAX8_PPARG_DN, LUI_THYROID_CANCER_PAX8_PPARG_DN

WP_NUCLEOTIDE_METABOLISM, WP_NUCLEOTIDE_METABOLISM DIRMEIER_LMP1_RESPONSE_LATE_UP, DIRMEIER_LMP1_RESPONSE_LATE_UP REACTOME_CARGO_TRAFFICKING_TO_THE_PERICILIARY_MEMBRANE, REACTOME_CARGO_TRAFFICKING_TO_THE_PERICILIARY_MEMBRANE REACTOME_INSERTION_OF_TAIL_ANCHORED_PROTEINS_INTO_THE_ENDOPLASMIC_RETICULUM_MEMBRANE, REACTOME_INSERTION_OF_TAIL_ANCHORED_PROTEINS_INTO_THE_ENDOPLA BROWNE_HCMV_INFECTION_48HR_UP, BROWNE_HCMV_INFECTION_48HR_UP MORI_SMALL_PRE_BII_LYMPHOCYTE_DN, MORI_SMALL_PRE_BII_LYMPHOCYTE_DN FAELT_B_CLL_WITH_VH3_21_DN, FAELT_B_CLL_WITH_VH3_21_DN YAMAZAKI_TCEB3_TARGETS_DN, YAMAZAKI_TCEB3_TARGETS_DN TOOKER_GEMCITABINE_RESISTANCE_DN, TOOKER_GEMCITABINE_RESISTANCE_DN WANG_METASTASIS_OF_BREAST_CANCER_ESR1_UP, WANG_METASTASIS_OF_BREAST_CANCER_ESR1_UP GRASEMANN_RETINOBLASTOMA_WITH_6P_AMPLIFICATION, GRASEMANN_RETINOBLASTOMA_WITH_6P_AMPLIFICATION CAFFAREL_RESPONSE_TO_THC_24HR_5_UP, CAFFAREL_RESPONSE_TO_THC_24HR_5_UP REACTOME_PURINERGIC_SIGNALING_IN_LEISHMANIASIS_INFECTION, REACTOME_PURINERGIC_SIGNALING_IN_LEISHMANIASIS_INFECTION MODY_HIPPOCAMPUS_NEONATAL, MODY_HIPPOCAMPUS_NEONATAL STEIN_ESRRA_TARGETS_DN, STEIN_ESRRA_TARGETS_DN SEIDEN_MET_SIGNALING, SEIDEN_MET_SIGNALING CHOI_ATL_CHRONIC_VS_ACUTE_DN, CHOI_ATL_CHRONIC_VS_ACUTE_DN

WP_REGULATION_OF_SISTER_CHROMATID_SEPARATION_AT_THE_METAPHASEANAPHASE_TRANSITION, WP_REGULATION_OF_SISTER_CHROMATID_SEPARATION_AT_THE_METAPHASEANA

CHOW_RASSF1_TARGETS_DN, CHOW_RASSF1_TARGETS_DN REACTOME_SUMO_IS_CONJUGATED_TO_E1_UBA2_SAE1, REACTOME_SUMO_IS_CONJUGATED_TO_E1_UBA2_SAE1 BIOCARTA_KREB_PATHWAY, BIOCARTA_KREB_PATHWAY APRELIKOVA_BRCA1_TARGETS, APRELIKOVA_BRCA1_TARGETS

CHEN_LUNG_CANCER_SURVIVAL, CHEN_LUNG_CANCER_SURVIVAL

WP_DISORDERS_OF_THE_KREBS_CYCLE, WP_DISORDERS_OF_THE_KREBS_CYCLE

BROWNE_HCMV_INFECTION_10HR_UP, BROWNE_HCMV_INFECTION_10HR_UP

MAYBURD_RESPONSE_TO_L663536_UP, MAYBURD_RESPONSE_TO_L663536_UP

ZHANG_TARGETS_OF_EWSR1_FLI1_FUSION, ZHANG_TARGETS_OF_EWSR1_FLI1_FUSION

WP_PURINE_METABOLISM, WP_PURINE_METABOLISM

BIOCARTA_VDR_PATHWAY, BIOCARTA_VDR_PATHWAY

KAYO_AGING_MUSCLE_DN, KAYO_AGING_MUSCLE_DN

YAMASHITA_LIVER_CANCER_WITH_EPCAM_UP, YAMASHITA_LIVER_CANCER_WITH_EPCAM_UP