```
FUJII_YBX1_TARGETS_DN, FUJII_YBX1_TARGETS_DN
                                                          MOREAUX_MULTIPLE_MYELOMA_BY_TACI_DN, MOREAUX_MULTIPLE_MYELOMA_BY_TACI_DN
                                                          BOYAULT_LIVER_CANCER_SUBCLASS_G3_UP, BOYAULT_LIVER_CANCER_SUBCLASS_G3_UP
                                                          FLORIO_NEOCORTEX_BASAL_RADIAL_GLIA_DN, FLORIO_NEOCORTEX_BASAL_RADIAL_GLIA_DN
                                                          BENPORATH_PROLIFERATION, BENPORATH_PROLIFERATION
                                                          HOFFMANN_LARGE_TO_SMALL_PRE_BII_LYMPHOCYTE_UP, HOFFMANN_LARGE_TO_SMALL_PRE_BII_LYMPHOCYTE_UP
                                                          REACTOME_S_PHASE, REACTOME_S_PHASE
                                                          SARRIO_EPITHELIAL_MESENCHYMAL_TRANSITION_UP, SARRIO_EPITHELIAL_MESENCHYMAL_TRANSITION_UP
                                                         WHITEFORD_PEDIATRIC_CANCER_MARKERS, WHITEFORD_PEDIATRIC_CANCER_MARKERS
                                                         ZHOU_CELL_CYCLE_GENES_IN_IR_RESPONSE_6HR, ZHOU_CELL_CYCLE_GENES_IN_IR_RESPONSE_6HR
                                                         REACTOME_SEPARATION_OF_SISTER_CHROMATIDS, REACTOME_SEPARATION_OF_SISTER_CHROMATIDS
                                                          MISSIAGLIA_REGULATED_BY_METHYLATION_DN, MISSIAGLIA_REGULATED_BY_METHYLATION_DN
                                                         LI_WILMS_TUMOR_VS_FETAL_KIDNEY_1_DN, LI_WILMS_TUMOR_VS_FETAL_KIDNEY_1_DN
                                                         ZHOU_CELL_CYCLE_GENES_IN_IR_RESPONSE_24HR, ZHOU_CELL_CYCLE_GENES_IN_IR_RESPONSE_24HR
                                                         CROONQUIST_IL6_DEPRIVATION_DN, CROONQUIST_IL6_DEPRIVATION_DN
                                                         GRAHAM_CML_DIVIDING_VS_NORMAL_QUIESCENT_UP, GRAHAM_CML_DIVIDING_VS_NORMAL_QUIESCENT_UP
                                                          RUIZ_TNC_TARGETS_DN, RUIZ_TNC_TARGETS_DN
                                                         REACTOME_MITOTIC_SPINDLE_CHECKPOINT, REACTOME_MITOTIC_SPINDLE_CHECKPOINT
                                                         REACTOME_DNA_REPLICATION, REACTOME_DNA_REPLICATION
                                                          REACTOME_CHROMOSOME_MAINTENANCE, REACTOME_CHROMOSOME_MAINTENANCE
                                                          REACTOME G2 M CHECKPOINTS, REACTOME G2 M CHECKPOINTS
                                                          BURTON_ADIPOGENESIS_3, BURTON_ADIPOGENESIS_3
                                                          CROONQUIST_NRAS_SIGNALING_DN, CROONQUIST_NRAS_SIGNALING_DN
                                                          REACTOME MITOTIC G1 PHASE AND G1 S TRANSITION, REACTOME MITOTIC G1 PHASE AND G1 S TRANSITION
                                                          MORI_LARGE_PRE_BII_LYMPHOCYTE_UP, MORI_LARGE_PRE_BII_LYMPHOCYTE_UP
                                                         REN_BOUND_BY_E2F, REN_BOUND_BY_E2F
                                                         UDAYAKUMAR_MED1_TARGETS_UP, UDAYAKUMAR_MED1_TARGETS_UP
                                                         FERREIRA_EWINGS_SARCOMA_UNSTABLE_VS_STABLE_UP, FERREIRA_EWINGS_SARCOMA_UNSTABLE_VS_STABLE_UP
                                                         REACTOME_TELOMERE_MAINTENANCE, REACTOME_TELOMERE_MAINTENANCE
                                                         GRAHAM_NORMAL_QUIESCENT_VS_NORMAL_DIVIDING_DN, GRAHAM_NORMAL_QUIESCENT_VS_NORMAL_DIVIDING_DN
                                                         REACTOME_DNA_DOUBLE_STRAND_BREAK_REPAIR, REACTOME_DNA_DOUBLE_STRAND_BREAK_REPAIR
                                                         REACTOME_MEIOTIC_RECOMBINATION, REACTOME_MEIOTIC_RECOMBINATION
                                                         PUJANA_BREAST_CANCER_WITH_BRCA1_MUTATED_UP, PUJANA_BREAST_CANCER_WITH_BRCA1_MUTATED_UP
                                                         REACTOME_HOMOLOGY_DIRECTED_REPAIR, REACTOME_HOMOLOGY_DIRECTED_REPAIR
                                                         FISCHER G1 S CELL CYCLE, FISCHER G1 S CELL CYCLE
                                                         REACTOME MITOTIC G2 G2 M PHASES, REACTOME MITOTIC G2 G2 M PHASES
                                                         REACTOME_APC_C_MEDIATED_DEGRADATION_OF_CELL_CYCLE_PROTEINS, REACTOME_APC_C_MEDIATED_DEGRADATION_OF_CELL_CYCLE_PROTEINS
                                                         KEGG_CELL_CYCLE, KEGG_CELL_CYCLE
                                                         ISHIDA_E2F_TARGETS, ISHIDA_E2F_TARGETS
                                                         KAUFFMANN_DNA_REPLICATION_GENES, KAUFFMANN_DNA_REPLICATION_GENES
                                                         REACTOME_MEIOSIS, REACTOME_MEIOSIS
                                                         GINESTIER BREAST CANCER 20Q13 AMPLIFICATION DN, GINESTIER BREAST CANCER 20Q13 AMPLIFICATION DN
                                                         EPPERT_PROGENITOR, EPPERT_PROGENITOR
                                                         MORI_IMMATURE_B_LYMPHOCYTE_DN, MORI_IMMATURE_B_LYMPHOCYTE_DN
                                                         KAUFFMANN_MELANOMA_RELAPSE_UP, KAUFFMANN_MELANOMA_RELAPSE_UP
                                                         LEE_LIVER_CANCER_SURVIVAL_DN, LEE_LIVER_CANCER_SURVIVAL_DN
                                                         DAZARD_UV_RESPONSE_CLUSTER_G6, DAZARD_UV_RESPONSE_CLUSTER_G6
                                                          ODONNELL_TFRC_TARGETS_DN, ODONNELL_TFRC_TARGETS_DN
                                                         WHITFIELD_CELL_CYCLE_G2_M, WHITFIELD_CELL_CYCLE_G2_M
                                                          REACTOME OXIDATIVE STRESS INDUCED SENESCENCE, REACTOME OXIDATIVE STRESS INDUCED SENESCENCE
                                                          CHEMNITZ RESPONSE TO PROSTAGLANDIN E2 UP, CHEMNITZ RESPONSE TO PROSTAGLANDIN E2 UP
                                                          REACTOME_PRC2_METHYLATES_HISTONES_AND_DNA, REACTOME_PRC2_METHYLATES_HISTONES_AND_DNA
                                                          REACTOME_DNA_REPLICATION_PRE_INITIATION, REACTOME_DNA_REPLICATION_PRE_INITIATION
                                                          KANG_DOXORUBICIN_RESISTANCE_UP, KANG_DOXORUBICIN_RESISTANCE_UP
                                                          REACTOME_REGULATION_OF_TP53_ACTIVITY, REACTOME_REGULATION_OF_TP53_ACTIVITY
                                                          MORI_EMU_MYC_LYMPHOMA_BY_ONSET_TIME_UP, MORI_EMU_MYC_LYMPHOMA_BY_ONSET_TIME_UP
                                                          PYEON_CANCER_HEAD_AND_NECK_VS_CERVICAL_UP, PYEON_CANCER_HEAD_AND_NECK_VS_CERVICAL_UP
                                                          REACTOME_CELLULAR_SENESCENCE, REACTOME_CELLULAR_SENESCENCE
                                                          REACTOME_RESOLUTION_OF_SISTER_CHROMATID_COHESION, REACTOME_RESOLUTION_OF_SISTER_CHROMATID_COHESION
                                                          REACTOME_BASE_EXCISION_REPAIR, REACTOME_BASE_EXCISION_REPAIR
                                                          REACTOME_G2_M_DNA_DAMAGE_CHECKPOINT, REACTOME_G2_M_DNA_DAMAGE_CHECKPOINT
                                                         CHIANG_LIVER_CANCER_SUBCLASS_PROLIFERATION_UP, CHIANG_LIVER_CANCER_SUBCLASS_PROLIFERATION_UP
                                                          REACTOME_SWITCHING_OF_ORIGINS_TO_A_POST_REPLICATIVE_STATE, REACTOME_SWITCHING_OF_ORIGINS_TO_A_POST_REPLICATIVE_STATE
                                                          VERNELL_RETINOBLASTOMA_PATHWAY_UP, VERNELL_RETINOBLASTOMA_PATHWAY_UP
                                                          PEART_HDAC_PROLIFERATION_CLUSTER_DN, PEART_HDAC_PROLIFERATION_CLUSTER_DN
                                                         VILLANUEVA_LIVER_CANCER_KRT19_UP, VILLANUEVA_LIVER_CANCER_KRT19_UP
                                                          REACTOME_GLOBAL_GENOME_NUCLEOTIDE_EXCISION_REPAIR_GG_NER, REACTOME_GLOBAL_GENOME_NUCLEOTIDE_EXCISION_REPAIR_GG_NER
                                                          REACTOME_REPRODUCTION, REACTOME_REPRODUCTION
                                                         ODONNELL_TARGETS_OF_MYC_AND_TFRC_DN, ODONNELL_TARGETS_OF_MYC_AND_TFRC_DN
                                                          RHODES_UNDIFFERENTIATED_CANCER, RHODES_UNDIFFERENTIATED_CANCER
                                                         WHITFIELD_CELL_CYCLE_G2, WHITFIELD_CELL_CYCLE_G2
                                                          KAMMINGA_EZH2_TARGETS, KAMMINGA_EZH2_TARGETS
                                                          FRASOR_RESPONSE_TO_SERM_OR_FULVESTRANT_DN, FRASOR_RESPONSE_TO_SERM_OR_FULVESTRANT_DN
                                                          YU_MYC_TARGETS_UP, YU_MYC_TARGETS_UP
                                                          GAVIN_FOXP3_TARGETS_CLUSTER_P6, GAVIN_FOXP3_TARGETS_CLUSTER_P6
                                                          MOREAUX_B_LYMPHOCYTE_MATURATION_BY_TACI_DN, MOREAUX_B_LYMPHOCYTE_MATURATION_BY_TACI_DN
                                                          REACTOME PROCESSING OF DNA DOUBLE STRAND BREAK ENDS, REACTOME PROCESSING OF DNA DOUBLE STRAND BREAK ENDS
                                                         WHITFIELD_CELL_CYCLE_S, WHITFIELD_CELL_CYCLE_S
                                                          SONG_TARGETS_OF_IE86_CMV_PROTEIN, SONG_TARGETS_OF_IE86_CMV_PROTEIN
                                                          FARMER BREAST CANCER CLUSTER 2, FARMER BREAST CANCER CLUSTER 2
                                                          REACTOME_SUMOYLATION, REACTOME_SUMOYLATION
                                                         LEE_EARLY_T_LYMPHOCYTE_UP, LEE_EARLY_T_LYMPHOCYTE_UP
                                                          PUJANA_BREAST_CANCER_LIT_INT_NETWORK, PUJANA_BREAST_CANCER_LIT_INT_NETWORK
                                                          PID_AURORA_B_PATHWAY, PID_AURORA_B_PATHWAY
                                                         WU_APOPTOSIS_BY_CDKN1A_VIA_TP53, WU_APOPTOSIS_BY_CDKN1A_VIA_TP53
                                                          REACTOME_DNA_DAMAGE_TELOMERE_STRESS_INDUCED_SENESCENCE, REACTOME_DNA_DAMAGE_TELOMERE_STRESS_INDUCED_SENESCENCE
                                                          REACTOME_DNA_STRAND_ELONGATION, REACTOME_DNA_STRAND_ELONGATION
                                                          ZHAN_MULTIPLE_MYELOMA_PR_UP, ZHAN_MULTIPLE_MYELOMA_PR_UP
                                                          LE_EGR2_TARGETS_UP, LE_EGR2_TARGETS_UP
                                                          REACTOME_AURKA_ACTIVATION_BY_TPX2, REACTOME_AURKA_ACTIVATION_BY_TPX2
                                                          REACTOME_ACTIVATION_OF_THE_PRE_REPLICATIVE_COMPLEX, REACTOME_ACTIVATION_OF_THE_PRE_REPLICATIVE_COMPLEX
                                                         WHITFIELD CELL CYCLE M G1, WHITFIELD CELL CYCLE M G1
                                                          REACTOME_ACTIVATION_OF_ATR_IN_RESPONSE_TO_REPLICATION_STRESS, REACTOME_ACTIVATION_OF_ATR_IN_RESPONSE_TO_REPLICATION_STRESS
                                                          REACTOME HDR THROUGH HOMOLOGOUS RECOMBINATION HRR, REACTOME HDR THROUGH HOMOLOGOUS RECOMBINATION HRR
                                                          REACTOME_MEIOTIC_SYNAPSIS, REACTOME_MEIOTIC_SYNAPSIS
                                                          VANTVEER_BREAST_CANCER_METASTASIS_DN, VANTVEER_BREAST_CANCER_METASTASIS_DN
                                                          REACTOME_SUMOYLATION_OF_DNA_DAMAGE_RESPONSE_AND_REPAIR_PROTEINS, REACTOME_SUMOYLATION_OF_DNA_DAMAGE_RESPONSE_AND_REPAIR_PROTEINS
                                                          REACTOME_CYCLIN_A_CDK2_ASSOCIATED_EVENTS_AT_S_PHASE_ENTRY, REACTOME_CYCLIN_A_CDK2_ASSOCIATED_EVENTS_AT_S_PHASE_ENTRY
                                                          REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION, REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION
                                                          PYEON_HPV_POSITIVE_TUMORS_UP, PYEON_HPV_POSITIVE_TUMORS_UP
                                                          BURTON ADIPOGENESIS PEAK AT 16HR, BURTON ADIPOGENESIS PEAK AT 16HR
                                                          REACTOME_SUMOYLATION_OF_DNA_REPLICATION_PROTEINS, REACTOME_SUMOYLATION_OF_DNA_REPLICATION_PROTEINS
                                                          EGUCHI_CELL_CYCLE_RB1_TARGETS, EGUCHI_CELL_CYCLE_RB1_TARGETS
                                                          REACTOME_RHO_GTPASES_ACTIVATE_FORMINS, REACTOME_RHO_GTPASES_ACTIVATE_FORMINS
                                                          PID_P53_REGULATION_PATHWAY, PID_P53_REGULATION_PATHWAY
                                                          KEGG_DNA_REPLICATION, KEGG_DNA_REPLICATION
                                                         WHITFIELD_CELL_CYCLE_G1_S, WHITFIELD_CELL_CYCLE_G1_S
                                                         STEIN_ESRRA_TARGETS_RESPONSIVE_TO_ESTROGEN_DN, STEIN_ESRRA_TARGETS_RESPONSIVE_TO_ESTROGEN_DN
                                                          WAKASUGI_HAVE_ZNF143_BINDING_SITES, WAKASUGI_HAVE_ZNF143_BINDING_SITES
                                                          REACTOME_ORC1_REMOVAL_FROM_CHROMATIN, REACTOME_ORC1_REMOVAL_FROM_CHROMATIN
                                                          HESS_TARGETS_OF_HOXA9_AND_MEIS1_UP, HESS_TARGETS_OF_HOXA9_AND_MEIS1_UP
                                                          TANG_SENESCENCE_TP53_TARGETS_DN, TANG_SENESCENCE_TP53_TARGETS_DN
                                                          DELPUECH_FOXO3_TARGETS_DN, DELPUECH_FOXO3_TARGETS_DN
                                                          PID_PLK1_PATHWAY, PID_PLK1_PATHWAY
                                                          BROWNE_HCMV_INFECTION_14HR_UP, BROWNE_HCMV_INFECTION_14HR_UP
                                                          REACTOME_HOMOLOGOUS_DNA_PAIRING_AND_STRAND_EXCHANGE, REACTOME_HOMOLOGOUS_DNA_PAIRING_AND_STRAND_EXCHANGE
                                                          SLEBOS_HEAD_AND_NECK_CANCER_WITH_HPV_UP, SLEBOS_HEAD_AND_NECK_CANCER_WITH_HPV_UP
                                                          ALCALAY_AML_BY_NPM1_LOCALIZATION_DN, ALCALAY_AML_BY_NPM1_LOCALIZATION_DN
                                                          JAIN_NFKB_SIGNALING, JAIN_NFKB_SIGNALING
                                                          WELCSH_BRCA1_TARGETS_UP, WELCSH_BRCA1_TARGETS_UP
                                                          REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_PHOSPHORYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_PHOSPHORYLATION
                                                         LY_AGING_OLD_DN, LY_AGING_OLD_DN
                                                          RIZ_ERYTHROID_DIFFERENTIATION, RIZ_ERYTHROID_DIFFERENTIATION
                                                          NAKAMURA_CANCER_MICROENVIRONMENT_DN, NAKAMURA_CANCER_MICROENVIRONMENT_DN
                                                          REACTOME_EXTENSION_OF_TELOMERES, REACTOME_EXTENSION_OF_TELOMERES
                                                          GEORGES_CELL_CYCLE_MIR192_TARGETS, GEORGES_CELL_CYCLE_MIR192_TARGETS
                                                          PID_FANCONI_PATHWAY, PID_FANCONI_PATHWAY
                                                         FERRANDO_T_ALL_WITH_MLL_ENL_FUSION_DN, FERRANDO_T_ALL_WITH_MLL_ENL_FUSION_DN
                                                          REACTOME_NONHOMOLOGOUS_END_JOINING_NHEJ, REACTOME_NONHOMOLOGOUS_END_JOINING_NHEJ
                                                          REACTOME_DNA_DAMAGE_BYPASS, REACTOME_DNA_DAMAGE_BYPASS
                                                          IRITANI_MAD1_TARGETS_DN, IRITANI_MAD1_TARGETS_DN
                                                          WANG_CISPLATIN_RESPONSE_AND_XPC_UP, WANG_CISPLATIN_RESPONSE_AND_XPC_UP
                                                          WHITFIELD_CELL_CYCLE_LITERATURE, WHITFIELD_CELL_CYCLE_LITERATURE
                                                          CROONQUIST_NRAS_VS_STROMAL_STIMULATION_DN, CROONQUIST_NRAS_VS_STROMAL_STIMULATION_DN
                                                          FURUKAWA_DUSP6_TARGETS_PCI35_DN, FURUKAWA_DUSP6_TARGETS_PCI35_DN
                                                         CHIARADONNA_NEOPLASTIC_TRANSFORMATION_KRAS_UP, CHIARADONNA_NEOPLASTIC_TRANSFORMATION_KRAS_UP
                                                          REACTOME_DNA_DOUBLE_STRAND_BREAK_RESPONSE, REACTOME_DNA_DOUBLE_STRAND_BREAK_RESPONSE
                                                          SIMBULAN_PARP1_TARGETS_DN, SIMBULAN_PARP1_TARGETS_DN
                                                          SCHLOSSER_SERUM_RESPONSE_AUGMENTED_BY_MYC, SCHLOSSER_SERUM_RESPONSE_AUGMENTED_BY_MYC
                                                          BOYAULT_LIVER_CANCER_SUBCLASS_G23_UP, BOYAULT_LIVER_CANCER_SUBCLASS_G23_UP
                                                          BOYAULT_LIVER_CANCER_SUBCLASS_G123_UP, BOYAULT_LIVER_CANCER_SUBCLASS_G123_UP
                                                          PID_FOXM1_PATHWAY, PID_FOXM1_PATHWAY
                                                          CONCANNON_APOPTOSIS_BY_EPOXOMICIN_DN, CONCANNON_APOPTOSIS_BY_EPOXOMICIN_DN
                                                          GAVIN_FOXP3_TARGETS_CLUSTER_T7, GAVIN_FOXP3_TARGETS_CLUSTER_T7
                                                          THILLAINADESAN_ZNF217_TARGETS_UP, THILLAINADESAN_ZNF217_TARGETS_UP
                                                          ALCALA_APOPTOSIS, ALCALA_APOPTOSIS
                                                          MARIADASON_RESPONSE_TO_BUTYRATE_SULINDAC_6, MARIADASON_RESPONSE_TO_BUTYRATE_SULINDAC_6
                                                          PID_E2F_PATHWAY, PID_E2F_PATHWAY
                                                          REACTOME_G1_S_SPECIFIC_TRANSCRIPTION, REACTOME_G1_S_SPECIFIC_TRANSCRIPTION
                                                          SASAKI_ADULT_T_CELL_LEUKEMIA, SASAKI_ADULT_T_CELL_LEUKEMIA
                                                          GREENBAUM_E2A_TARGETS_UP, GREENBAUM_E2A_TARGETS_UP
                                                          PETROVA_PROX1_TARGETS_UP, PETROVA_PROX1_TARGETS_UP
                                                          REACTOME RESOLUTION OF AP SITES VIA THE MULTIPLE NUCLEOTIDE PATCH REPLACEMENT PATHWAY, REACTOME RESOLUTION OF AP SITES VIA THE MULTIPLE NUCLEOTIDE PATCH REPLACEMENT PATHWAY
                                                          REACTOME_RESOLUTION_OF_D_LOOP_STRUCTURES_THROUGH_SYNTHESIS_DEPENDENT_STRAND_ANNEALING_SDSA, REACTOME_RESOLUTION_OF_D_LOOP_STRUCTURES_THROUGH_SYNTHESIS_DEPENDENT_STRAND_ANNEALING_SDSA
                                                          MATTIOLI_MGUS_VS_PCL, MATTIOLI_MGUS_VS_PCL
                                                          CAFFAREL RESPONSE TO THC 24HR 5 DN, CAFFAREL RESPONSE TO THC 24HR 5 DN
                                                          REACTOME_SIGNALING_BY_TGF_BETA_RECEPTOR_COMPLEX, REACTOME_SIGNALING_BY_TGF_BETA_RECEPTOR_COMPLEX
                                                          ZHANG_RESPONSE_TO_IKK_INHIBITOR_AND_TNF_DN, ZHANG_RESPONSE_TO_IKK_INHIBITOR_AND_TNF_DN
                                                         PID_P53_DOWNSTREAM_PATHWAY, PID_P53_DOWNSTREAM_PATHWAY
SS_INT_NETWORK, PUJANA_XPRSS_INT_NETWORK
                                                          REACTOME_HDR_THROUGH_SINGLE_STRAND_ANNEALING_SSA, REACTOME_HDR_THROUGH_SINGLE_STRAND_ANNEALING_SSA
                                                          REACTOME_RESOLUTION_OF_D_LOOP_STRUCTURES, REACTOME_RESOLUTION_OF_D_LOOP_STRUCTURES
                                                          FINETTI_BREAST_CANCER_KINOME_RED, FINETTI_BREAST_CANCER_KINOME_RED
                                                          YAGI_AML_FAB_MARKERS, YAGI_AML_FAB_MARKERS
                                                          REACTOME_RESOLUTION_OF_ABASIC_SITES_AP_SITES, REACTOME_RESOLUTION_OF_ABASIC_SITES_AP_SITES
                                                          REACTOME_APC_C_CDC20_MEDIATED_DEGRADATION_OF_CYCLIN_B, REACTOME_APC_C_CDC20_MEDIATED_DEGRADATION_OF_CYCLIN_B
                                                          PETROVA_ENDOTHELIUM_LYMPHATIC_VS_BLOOD_UP, PETROVA_ENDOTHELIUM_LYMPHATIC_VS_BLOOD_UP
                                                          PROVENZANI_METASTASIS_UP, PROVENZANI_METASTASIS_UP
                                                          MORI_PRE_BI_LYMPHOCYTE_UP, MORI_PRE_BI_LYMPHOCYTE_UP
                                                          MAYBURD_RESPONSE_TO_L663536_DN, MAYBURD_RESPONSE_TO_L663536_DN
                                                          REACTOME_POLO_LIKE_KINASE_MEDIATED_EVENTS, REACTOME_POLO_LIKE_KINASE_MEDIATED_EVENTS
                                                          SHAFFER_IRF4_TARGETS_IN_ACTIVATED_DENDRITIC_CELL, SHAFFER_IRF4_TARGETS_IN_ACTIVATED_DENDRITIC_CELL
                                                          DAIRKEE_CANCER_PRONE_RESPONSE_BPA_E2, DAIRKEE_CANCER_PRONE_RESPONSE_BPA_E2
                                                          REACTOME_UNWINDING_OF_DNA, REACTOME_UNWINDING_OF_DNA
                                                          REACTOME LAGGING STRAND SYNTHESIS, REACTOME LAGGING STRAND SYNTHESIS
                                                          REACTOME_TRANSCRIPTIONAL_REGULATION_BY_E2F6, REACTOME_TRANSCRIPTIONAL_REGULATION_BY_E2F6
                                                          REACTOME_RECRUITMENT_OF_NUMA_TO_MITOTIC_CENTROSOMES, REACTOME_RECRUITMENT_OF_NUMA_TO_MITOTIC_CENTROSOMES
                                                          REACTOME FANCONI ANEMIA PATHWAY, REACTOME FANCONI ANEMIA PATHWAY
                                                          REACTOME_APC_CDC20_MEDIATED_DEGRADATION_OF_NEK2A, REACTOME_APC_CDC20_MEDIATED_DEGRADATION_OF_NEK2A
                                                          JI_RESPONSE_TO_FSH_DN, JI_RESPONSE_TO_FSH_DN
                                                          PID_BARD1_PATHWAY, PID_BARD1_PATHWAY
                                                          REACTOME_PHOSPHORYLATION_OF_THE_APC_C, REACTOME_PHOSPHORYLATION_OF_THE_APC_C
                                                          REACTOME_TRANSLESION_SYNTHESIS_BY_Y_FAMILY_DNA_POLYMERASES_BYPASSES_LESIONS_ON_DNA_TEMPLATE, REACTOME_TRANSLESION_SYNTHESIS_BY_Y_FAMILY_DNA_POLYMERASES_BYPASSES_LESIONS_ON_DNA_TEMPLATE
                                                          REACTOME_TELOMERE_C_STRAND_LAGGING_STRAND_SYNTHESIS, REACTOME_TELOMERE_C_STRAND_LAGGING_STRAND_SYNTHESIS
                                                          REACTOME_CYCLIN_A_B1_B2_ASSOCIATED_EVENTS_DURING_G2_M_TRANSITION, REACTOME_CYCLIN_A_B1_B2_ASSOCIATED_EVENTS_DURING_G2_M_TRANSITION
                                                          POMEROY_MEDULLOBLASTOMA_PROGNOSIS_DN, POMEROY_MEDULLOBLASTOMA_PROGNOSIS_DN
                                                          REACTOME_CONDENSATION_OF_PROMETAPHASE_CHROMOSOMES, REACTOME_CONDENSATION_OF_PROMETAPHASE_CHROMOSOMES
                                                          LY_AGING_MIDDLE_DN, LY_AGING_MIDDLE_DN
                                                          BERTUCCI_MEDULLARY_VS_DUCTAL_BREAST_CANCER_UP, BERTUCCI_MEDULLARY_VS_DUCTAL_BREAST_CANCER_UP
                                                          REACTOME_RECOGNITION_OF_DNA_DAMAGE_BY_PCNA_CONTAINING_REPLICATION_COMPLEX, REACTOME_RECOGNITION_OF_DNA_DAMAGE_BY_PCNA_CONTAINING_REPLICATION_COMPLEX
                                                          REACTOME_CONVERSION_FROM_APC_C_CDC20_TO_APC_C_CDH1_IN_LATE_ANAPHASE, REACTOME_CONVERSION_FROM_APC_C_CDC20_TO_APC_C_CDH1_IN_LATE_ANAPHASE
                                                          KEGG_NUCLEOTIDE_EXCISION_REPAIR, KEGG_NUCLEOTIDE_EXCISION_REPAIR
                                                          REACTOME_DUAL_INCISION_IN_GG_NER, REACTOME_DUAL_INCISION_IN_GG_NER
                                                          BIOCARTA_MCM_PATHWAY, BIOCARTA_MCM_PATHWAY
                                                          SCIBETTA_KDM5B_TARGETS_DN, SCIBETTA_KDM5B_TARGETS_DN
                                                          GAZDA_DIAMOND_BLACKFAN_ANEMIA_PROGENITOR_DN, GAZDA_DIAMOND_BLACKFAN_ANEMIA_PROGENITOR_DN
                                                          ZHAN_MULTIPLE_MYELOMA_SUBGROUPS, ZHAN_MULTIPLE_MYELOMA_SUBGROUPS
                                                          SMIRNOV_RESPONSE_TO_IR_6HR_DN, SMIRNOV_RESPONSE_TO_IR_6HR_DN
                                                          BOYLAN_MULTIPLE_MYELOMA_C_CLUSTER_UP, BOYLAN_MULTIPLE_MYELOMA_C_CLUSTER_UP
                                                          REACTOME_INHIBITION_OF_REPLICATION_INITIATION_OF_DAMAGED_DNA_BY_RB1_E2F1, REACTOME_INHIBITION_OF_REPLICATION_INITIATION_OF_DAMAGED_DNA_BY_RB1_E2F1
                                                          PID_ATR_PATHWAY, PID_ATR_PATHWAY
                                                          REACTOME_PCNA_DEPENDENT_LONG_PATCH_BASE_EXCISION_REPAIR, REACTOME_PCNA_DEPENDENT_LONG_PATCH_BASE_EXCISION_REPAIR
                                                          BHATTACHARYA_EMBRYONIC_STEM_CELL, BHATTACHARYA_EMBRYONIC_STEM_CELL
                                                          BURTON ADIPOGENESIS PEAK AT 24HR, BURTON ADIPOGENESIS PEAK AT 24HR
                                                          REACTOME TRANSCRIPTION OF E2F TARGETS UNDER NEGATIVE CONTROL BY P107 RBL1 AND P130 RBL2 IN COMPLEX WITH HDAC1, REACTOME TRANSCRIPTION OF E2F TARGETS UNDER NEGATIVE CONTROL BY P107 RBL1 AND P130 RBL2 IN COMPLEX WITH HDAC1, REACTOME TRANSCRIPTION OF E2F TARGETS UNDER NEGATIVE CONTROL BY P107 RBL1 AND P130 RBL2 IN COMPLEX WITH HDAC1.
                                                          REACTOME_PROCESSIVE_SYNTHESIS_ON_THE_LAGGING_STRAND, REACTOME_PROCESSIVE_SYNTHESIS_ON_THE_LAGGING_STRAND
                                                          REACTOME_G0_AND_EARLY_G1, REACTOME_G0_AND_EARLY_G1
                                                          DAIRKEE CANCER PRONE RESPONSE BPA, DAIRKEE CANCER PRONE RESPONSE BPA
                                                          BOYLAN_MULTIPLE_MYELOMA_C_UP, BOYLAN_MULTIPLE_MYELOMA_C_UP
                                                          CHOW RASSF1 TARGETS UP, CHOW RASSF1 TARGETS UP
                                                          REACTOME MITOTIC TELOPHASE CYTOKINESIS, REACTOME MITOTIC TELOPHASE CYTOKINESIS
                                                          WANG_METASTASIS_OF_BREAST_CANCER_ESR1_UP, WANG_METASTASIS_OF_BREAST_CANCER_ESR1_UP
                                                          REACTOME_NUCLEAR_ENVELOPE_NE_REASSEMBLY, REACTOME_NUCLEAR_ENVELOPE_NE_REASSEMBLY
                                                          REACTOME POLYMERASE SWITCHING ON THE C STRAND OF THE TELOMERE, REACTOME POLYMERASE SWITCHING ON THE C STRAND OF THE TELOMERE
                                                          MORI MATURE B LYMPHOCYTE DN, MORI MATURE B LYMPHOCYTE DN
                                                          REICHERT_MITOSIS_LIN9_TARGETS, REICHERT_MITOSIS_LIN9_TARGETS
                                                          CAFFAREL_RESPONSE_TO_THC_DN, CAFFAREL_RESPONSE_TO_THC_DN
                                                         CHIARETTI_T_ALL_RELAPSE_PROGNOSIS, CHIARETTI_T_ALL_RELAPSE_PROGNOSIS
                                                          REACTOME_INHIBITION_OF_THE_PROTEOLYTIC_ACTIVITY_OF_APC_C_REQUIRED_FOR_THE_ONSET_OF_ANAPHASE_BY_MITOTIC_SPINDLE_CHECKPOINT_COMPONENTS, REACTOME_INHIBITION_OF_THE_PROTEOLYTIC_ACTIVITY_OF_APC_C_REQUIRED_FOR_THE_ONSET_OF_ANAPHASE_BY_MITOTIC_SPINDLE_CHECKPOINT_COMPONENTS, REACTOME_INHIBITION_OF_THE_PROTEOLYTIC_ACTIVITY_OF_APC_C_REQUIRED_FOR_THE_ONSET_OF_ANAPHASE_BY_MITOTIC_SPINDLE_CHECKPOINT_COMPONENTS, REACTOME_INHIBITION_OF_THE_PROTEOLYTIC_ACTIVITY_OF_APC_C_REQUIRED_FOR_THE_ONSET_OF_ANAPHASE_BY_MITOTIC_SPINDLE_CHECKPOINT_COMPONENTS, REACTOME_INHIBITION_OF_THE_PROTEOLYTIC_ACTIVITY_OF_APC_C_REQUIRED_FOR_THE_ONSET_OF_ANAPHASE_BY_MITOTIC_SPINDLE_CHECKPOINT_COMPONENTS, REACTOME_INHIBITION_OF_THE_PROTEOLYTIC_ACTIVITY_OF_APC_C_REQUIRED_FOR_THE_ONSET_OF_ANAPHASE_BY_MITOTIC_SPINDLE_CHECKPOINT_COMPONENTS, REACTOME_INHIBITION_OF_THE_PROTEOLYTIC_ACTIVITY_OF_APC_C_REQUIRED_FOR_THE_ONSET_OF_ANAPHASE_BY_MITOTIC_SPINDLE_CHECKPOINT_COMPONENTS, REACTOME_INHIBITION_OF_THE_PROTEOLYTIC_ACTIVITY_OF_APC_C_REQUIRED_FOR_THE_ONSET_OF_ANAPHASE_BY_MITOTIC_SPINDLE_CHECKPOINT_COMPONENTS, REACTOME_INHIBITION_OF_THE_PROTEOLYTIC_ACTIVITY_OF_APC_C_REQUIRED_FOR_THE_ONSET_OF_ANAPHASE_BY_MITOTIC_SPINDLE_CHECKPOINT
                                                          KOKKINAKIS_METHIONINE_DEPRIVATION_96HR_DN, KOKKINAKIS_METHIONINE_DEPRIVATION_96HR_DN
                                                          PARK_HSC_AND_MULTIPOTENT_PROGENITORS, PARK_HSC_AND_MULTIPOTENT_PROGENITORS
                                                          PID_CASPASE_PATHWAY, PID_CASPASE_PATHWAY
                                                          SCIAN_CELL_CYCLE_TARGETS_OF_TP53_AND_TP73_DN, SCIAN_CELL_CYCLE_TARGETS_OF_TP53_AND_TP73_DN
                                                          REACTOME_TERMINATION_OF_TRANSLESION_DNA_SYNTHESIS, REACTOME_TERMINATION_OF_TRANSLESION_DNA_SYNTHESIS
                                                          REACTOME_TRANSCRIPTION_OF_E2F_TARGETS_UNDER_NEGATIVE_CONTROL_BY_DREAM_COMPLEX, REACTOME_TRANSCRIPTION_OF_E2F_TARGETS_UNDER_NEGATIVE_CONTROL_BY_DREAM_COMPLEX
                                                         SERVITJA_LIVER_HNF1A_TARGETS_UP, SERVITJA_LIVER_HNF1A_TARGETS_UP
                                                          SUNG_METASTASIS_STROMA_DN, SUNG_METASTASIS_STROMA_DN
                                                          BENPORATH_ES_CORE_NINE_CORRELATED, BENPORATH_ES_CORE_NINE_CORRELATED
                                                         REACTOME_ESTABLISHMENT_OF_SISTER_CHROMATID_COHESION, REACTOME_ESTABLISHMENT_OF_SISTER_CHROMATID_COHESION
                                                          GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_TURQUOISE_DN, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_TURQUOISE_DN
                                                          REACTOME_POLYMERASE_SWITCHING, REACTOME_POLYMERASE_SWITCHING
                                                          REACTOME_DNA_REPLICATION_INITIATION, REACTOME_DNA_REPLICATION_INITIATION
                                                          NAKAYAMA_SOFT_TISSUE_TUMORS_PCA2_UP, NAKAYAMA_SOFT_TISSUE_TUMORS_PCA2_UP
                                                          MEINHOLD_OVARIAN_CANCER_LOW_GRADE_DN, MEINHOLD_OVARIAN_CANCER_LOW_GRADE_DN
                                                          BIOCARTA_P53_PATHWAY, BIOCARTA_P53_PATHWAY
                                                          PID_ATM_PATHWAY, PID_ATM_PATHWAY
                                                          MARZEC_IL2_SIGNALING_DN, MARZEC_IL2_SIGNALING_DN
                                                          REACTOME_GAP_FILLING_DNA_REPAIR_SYNTHESIS_AND_LIGATION_IN_GG_NER, REACTOME_GAP_FILLING_DNA_REPAIR_SYNTHESIS_AND_LIGATION_IN_GG_NER
                                                          REACTOME_SIGNALING_BY_CYTOSOLIC_FGFR1_FUSION_MUTANTS, REACTOME_SIGNALING_BY_CYTOSOLIC_FGFR1_FUSION_MUTANTS
                                                          GENTILE_UV_RESPONSE_CLUSTER_D4, GENTILE_UV_RESPONSE_CLUSTER_D4
                                                         LEE_TARGETS_OF_PTCH1_AND_SUFU_UP, LEE_TARGETS_OF_PTCH1_AND_SUFU_UP
                                                         GOLUB_ALL_VS_AML_UP, GOLUB_ALL_VS_AML_UP
                                                          REACTOME_PERK_REGULATES_GENE_EXPRESSION, REACTOME_PERK_REGULATES_GENE_EXPRESSION
                                                          REACTOME_TRANSLESION_SYNTHESIS_BY_POLK, REACTOME_TRANSLESION_SYNTHESIS_BY_POLK
                                                         LY_AGING_PREMATURE_DN, LY_AGING_PREMATURE_DN
                                                          REACTOME_ATF4_ACTIVATES_GENES_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS, REACTOME_ATF4_ACTIVATES_GENES_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS
                                                          REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CELL_CYCLE_GENES, REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CELL_CYCLE_GENES
                                                          SU_TESTIS, SU_TESTIS
                                                          REACTOME_COHESIN_LOADING_ONTO_CHROMATIN, REACTOME_COHESIN_LOADING_ONTO_CHROMATIN
                                                          BROWNE_HCMV_INFECTION_18HR_UP, BROWNE_HCMV_INFECTION_18HR_UP
                                                         CROMER_METASTASIS_UP, CROMER_METASTASIS_UP
                                                         LAU_APOPTOSIS_CDKN2A_UP, LAU_APOPTOSIS_CDKN2A_UP
                                                          KEGG_MISMATCH_REPAIR, KEGG_MISMATCH_REPAIR
                                                          ZHAN_MULTIPLE_MYELOMA_UP, ZHAN_MULTIPLE_MYELOMA_UP
                                                          YU_BAP1_TARGETS, YU_BAP1_TARGETS
                                                          REACTOME_BUTYRATE_RESPONSE_FACTOR_1_BRF1_BINDS_AND_DESTABILIZES_MRNA, REACTOME_BUTYRATE_RESPONSE_FACTOR_1_BRF1_BINDS_AND_DESTABILIZES_MRNA
                                                          GENTILE_RESPONSE_CLUSTER_D3, GENTILE_RESPONSE_CLUSTER_D3
                                                          PID_NFKAPPAB_CANONICAL_PATHWAY, PID_NFKAPPAB_CANONICAL_PATHWAY
                                                          REACTOME_INITIATION_OF_NUCLEAR_ENVELOPE_NE_REFORMATION, REACTOME_INITIATION_OF_NUCLEAR_ENVELOPE_NE_REFORMATION
                                                          BRACHAT_RESPONSE_TO_CAMPTOTHECIN_DN, BRACHAT_RESPONSE_TO_CAMPTOTHECIN_DN
                                                          REACTOME_TRISTETRAPROLIN_TTP_ZFP36_BINDS_AND_DESTABILIZES_MRNA, REACTOME_TRISTETRAPROLIN_TTP_ZFP36_BINDS_AND_DESTABILIZES_MRNA
                                                          STEIN_ESR1_TARGETS, STEIN_ESR1_TARGETS
                                                          MONTERO_THYROID_CANCER_POOR_SURVIVAL_UP, MONTERO_THYROID_CANCER_POOR_SURVIVAL_UP
                                                          GRAHAM_CML_QUIESCENT_VS_NORMAL_QUIESCENT_UP, GRAHAM_CML_QUIESCENT_VS_NORMAL_QUIESCENT_UP
                                                          BIOCARTA_CASPASE_PATHWAY, BIOCARTA_CASPASE_PATHWAY
                                                          BIOCARTA_RACCYCD_PATHWAY, BIOCARTA_RACCYCD_PATHWAY
                                                          REACTOME KSRP KHSRP BINDS AND DESTABILIZES MRNA, REACTOME KSRP KHSRP BINDS AND DESTABILIZES MRNA
                                                          KEGG_HOMOLOGOUS_RECOMBINATION, KEGG_HOMOLOGOUS_RECOMBINATION
                                                          PID_TELOMERASE_PATHWAY, PID_TELOMERASE_PATHWAY
                                                          KALMA_E2F1_TARGETS, KALMA_E2F1_TARGETS
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KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_GAMMA_IN_WS, KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_GAMMA_IN_WS

KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_4NQO_IN_WS, KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_4NQO_IN_WS

REACTOME_REGULATION_OF_TP53_EXPRESSION_AND_DEGRADATION, REACTOME_REGULATION_OF_TP53_EXPRESSION_AND_DEGRADATION

REACTOME_ACTIVATION_OF_NIMA_KINASES_NEK9_NEK6_NEK7, REACTOME_ACTIVATION_OF_NIMA_KINASES_NEK9_NEK6_NEK7

REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_METHYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_METHYLATION

REACTOME_DOWNREGULATION_OF_TGF_BETA_RECEPTOR_SIGNALING, REACTOME_DOWNREGULATION_OF_TGF_BETA_RECEPTOR_SIGNALING

REACTOME_FORMATION_OF_SENESCENCE_ASSOCIATED_HETEROCHROMATIN_FOCI_SAHF, REACTOME_FORMATION_OF_SENESCENCE_ASSOCIATED_HETEROCHROMATIN_FOCI_SAHF

REACTOME TP53 REGULATES TRANSCRIPTION OF GENES INVOLVED IN G2 CELL CYCLE ARREST, REACTOME TP53 REGULATES TRANSCRIPTION OF GENES INVOLVED IN G2 CELL CYCLE ARREST

REACTOME_STING_MEDIATED_INDUCTION_OF_HOST_IMMUNE_RESPONSES, REACTOME_STING_MEDIATED_INDUCTION_OF_HOST_IMMUNE_RESPONSES

SMID_BREAST_CANCER_LUMINAL_A_DN, SMID_BREAST_CANCER_LUMINAL_A_DN

CAFFAREL_RESPONSE_TO_THC_24HR_5_UP, CAFFAREL_RESPONSE_TO_THC_24HR_5_UP

SHEPARD_CRUSH_AND_BURN_MUTANT_DN, SHEPARD_CRUSH_AND_BURN_MUTANT_DN

REACTOME_TRANSLESION_SYNTHESIS_BY_POLH, REACTOME_TRANSLESION_SYNTHESIS_BY_POLH

BOHN_PRIMARY_IMMUNODEFICIENCY_SYNDROM_UP, BOHN_PRIMARY_IMMUNODEFICIENCY_SYNDROM_UP

SHEPARD_BMYB_TARGETS, SHEPARD_BMYB_TARGETS

BIOCARTA_P27_PATHWAY, BIOCARTA_P27_PATHWAY

BIOCARTA_FAS_PATHWAY, BIOCARTA_FAS_PATHWAY

MATZUK_SPERMATOCYTE, MATZUK_SPERMATOCYTE

PID_AURORA_A_PATHWAY, PID_AURORA_A_PATHWAY

BIOCARTA_TNFR1_PATHWAY, BIOCARTA_TNFR1_PATHWAY

MARKEY_RB1_CHRONIC_LOF_UP, MARKEY_RB1_CHRONIC_LOF_UP

YAMAZAKI_TCEB3_TARGETS_DN, YAMAZAKI_TCEB3_TARGETS_DN

KEGG_BASE_EXCISION_REPAIR, KEGG_BASE_EXCISION_REPAIR

BIOCARTA_HIVNEF_PATHWAY, BIOCARTA_HIVNEF_PATHWAY

WILLIAMS ESR1 TARGETS UP, WILLIAMS ESR1 TARGETS UP

BIOCARTA_FBW7_PATHWAY, BIOCARTA_FBW7_PATHWAY

BIOCARTA_SKP2E2F_PATHWAY, BIOCARTA_SKP2E2F_PATHWAY

KEGG_OOCYTE_MEIOSIS, KEGG_OOCYTE_MEIOSIS

BIOCARTA_G2_PATHWAY, BIOCARTA_G2_PATHWAY

BIOCARTA_CELLCYCLE_PATHWAY, BIOCARTA_CELLCYCLE_PATHWAY

KEGG_P53_SIGNALING_PATHWAY, KEGG_P53_SIGNALING_PATHWAY

SHEPARD_BMYB_MORPHOLINO_DN, SHEPARD_BMYB_MORPHOLINO_DN

KYNG_RESPONSE_TO_H2O2_VIA_ERCC6, KYNG_RESPONSE_TO_H2O2_VIA_ERCC6

BROWNE_HCMV_INFECTION_24HR_UP, BROWNE_HCMV_INFECTION_24HR_UP

LE_NEURONAL_DIFFERENTIATION_DN, LE_NEURONAL_DIFFERENTIATION_DN

GAZIN_EPIGENETIC_SILENCING_BY_KRAS, GAZIN_EPIGENETIC_SILENCING_BY_KRAS

VANTVEER_BREAST_CANCER_POOR_PROGNOSIS, VANTVEER_BREAST_CANCER_POOR_PROGNOSIS

REACTOME_HDR_THROUGH_MMEJ_ALT_NHEJ, REACTOME_HDR_THROUGH_MMEJ_ALT_NHEJ

HASLINGER_B_CLL_WITH_13Q14_DELETION, HASLINGER_B_CLL_WITH_13Q14_DELETION

MORI SMALL PRE BII LYMPHOCYTE DN, MORI SMALL PRE BII LYMPHOCYTE DN

REACTOME_NUCLEOBASE_BIOSYNTHESIS, REACTOME_NUCLEOBASE_BIOSYNTHESIS

DAZARD_RESPONSE_TO_UV_SCC_UP, DAZARD_RESPONSE_TO_UV_SCC_UP

REACTOME_CYCLIN_D_ASSOCIATED_EVENTS_IN_G1, REACTOME_CYCLIN_D_ASSOCIATED_EVENTS_IN_G1

REACTOME_WNT_MEDIATED_ACTIVATION_OF_DVL, REACTOME_WNT_MEDIATED_ACTIVATION_OF_DVL

KEGG_CYSTEINE_AND_METHIONINE_METABOLISM, KEGG_CYSTEINE_AND_METHIONINE_METABOLISM

REACTOME_IRF3_MEDIATED_INDUCTION_OF_TYPE_I_IFN, REACTOME_IRF3_MEDIATED_INDUCTION_OF_TYPE_I_IFN

HOFFMANN_IMMATURE_TO_MATURE_B_LYMPHOCYTE_UP, HOFFMANN_IMMATURE_TO_MATURE_B_LYMPHOCYTE_UP

YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_15, YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_15

WEST_ADRENOCORTICAL_TUMOR_MARKERS_UP, WEST_ADRENOCORTICAL_TUMOR_MARKERS_UP

ZHAN_V1_LATE_DIFFERENTIATION_GENES_DN, ZHAN_V1_LATE_DIFFERENTIATION_GENES_DN

BHATI_G2M_ARREST_BY_2METHOXYESTRADIOL_UP, BHATI_G2M_ARREST_BY_2METHOXYESTRADIOL_UP

TSAI_RESPONSE_TO_IONIZING_RADIATION, TSAI_RESPONSE_TO_IONIZING_RADIATION

DE_YY1_TARGETS_DN, DE_YY1_TARGETS_DN

PID_LIS1_PATHWAY, PID_LIS1_PATHWAY

ROSTY_CERVICAL_CANCER_PROLIFERATION_CLUSTER, ROSTY_CERVICAL_CANCER_PROLIFERATION_CLUSTER

WINNEPENNINCKX_MELANOMA_METASTASIS_UP, WINNEPENNINCKX_MELANOMA_METASTASIS_UP

SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP, SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP

PUJANA BRCA CENTERED NETWORK, PUJANA BRCA CENTERED NETWORK

KONG_E2F3_TARGETS, KONG_E2F3_TARGETS