

CANCER_GRADE_1_VS_3_UP, SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP

REACTOME_S_PHASE, REACTOME_S_PHASE
REACTOME_DNA_REPLICATION, REACTOME_DNA_REPLICATION
FUJII_YBX1_TARGETS_DN, FUJII_YBX1_TARGETS_DN
REACTOME_DNA_DOUBLE_STRAND_BREAK_REPAIR, REACTOME_DNA_DOUBLE_STRAND_BREAK_REPAIR
REACTOME_HOMOLOGY_DIRECTED_REPAIR, REACTOME_HOMOLOGY_DIRECTED_REPAIR
REACTOME_MITOTIC_SPINDLE_CHECKPOINT, REACTOME_MITOTIC_SPINDLE_CHECKPOINT
REACTOME_SEPARATION_OF_SISTER_CHROMATIDS, REACTOME_SEPARATION_OF_SISTER_CHROMATIDS
FLORIO_NEOCORTEX_BASAL_RADIAL_GLIA_DN, FLORIO_NEOCORTEX_BASAL_RADIAL_GLIA_DN
REACTOME_TELOMERE_MAINTENANCE, REACTOME_TELOMERE_MAINTENANCE
REACTOME_DNA_STRAND_ELONGATION, REACTOME_DNA_STRAND_ELONGATION
REACTOME_MITOTIC_PROPHASE, REACTOME_MITOTIC_PROPHASE
REACTOME_MEIOTIC_RECOMBINATION, REACTOME_MEIOTIC_RECOMBINATION
REACTOME_PROCESSING_OF_DNA_DOUBLE_STRAND_BREAK_ENDS, REACTOME_PROCESSING_OF_DNA_DOUBLE_STRAND_BREAK_ENDS
GARCIA_TARGETS_OF_FLII_AND_DAX1_DN, GARCIA_TARGETS_OF_FLII_AND_DAX1_DN
KAUFFMANN_MELANOMA_RELAPSE_UP, KAUFFMANN_MELANOMA_RELAPSE_UP
REACTOME_CHROMOSOME_MAINTENANCE, REACTOME_CHROMOSOME_MAINTENANCE
LASTOWSKA_NEUROBLASTOMA_COPY_NUMBER_UP, LASTOWSKA_NEUROBLASTOMA_COPY_NUMBER_UP
REACTOME_CELLULAR_SENESCENCE, REACTOME_CELLULAR_SENESCENCE
KEGG_DNA_REPLICATION, KEGG_DNA_REPLICATION
ZHOU_CELL_CYCLE_GENES_IN_IR_RESPONSE_6HR, ZHOU_CELL_CYCLE_GENES_IN_IR_RESPONSE_6HR
REACTOME_CONDENSATION_OF_PROPHASE_CHROMOSOMES, REACTOME_CONDENSATION_OF_PROPHASE_CHROMOSOMES
WHITFIELD_CELL_CYCLE_G2, WHITFIELD_CELL_CYCLE_G2
CHIANG_LIVER_CANCER_SUBCLASS_PROLIFERATION_UP, CHIANG_LIVER_CANCER_SUBCLASS_PROLIFERATION_UP
WELCSH_BRCA1_TARGETS_UP, WELCSH_BRCA1_TARGETS_UP
FISCHER_G1_S_CELL_CYCLE, FISCHER_G1_S_CELL_CYCLE
KANG_DOXORUBICIN_RESISTANCE_UP, KANG_DOXORUBICIN_RESISTANCE_UP
ZHOU_CELL_CYCLE_GENES_IN_IR_RESPONSE_24HR, ZHOU_CELL_CYCLE_GENES_IN_IR_RESPONSE_24HR
KAUFFMANN_DNA_REPLICATION_GENES, KAUFFMANN_DNA_REPLICATION_GENES
WHITFIELD_CELL_CYCLE_G2_M, WHITFIELD_CELL_CYCLE_G2_M
REACTOME_RESOLUTION_OF_SISTER_CHROMATID_COHESION, REACTOME_RESOLUTION_OF_SISTER_CHROMATID_COHESION
HOFFMANN_LARGE_TO_SMALL_PRE_BII_LYMPHOCYTE_UP, HOFFMANN_LARGE_TO_SMALL_PRE_BII_LYMPHOCYTE_UP
REACTOME_REGULATION_OF_TP53_ACTIVITY, REACTOME_REGULATION_OF_TP53_ACTIVITY
REACTOME_GOLGI_TO_ER_RETROGRADE_TRANSPORT, REACTOME_GOLGI_TO_ER_RETROGRADE_TRANSPORT
PYEON_CANCER_HEAD_AND_NECK_VS_CERVICAL_UP, PYEON_CANCER_HEAD_AND_NECK_VS_CERVICAL_UP
NAKAYAMA_SOFT_TISSUE_TUMORS_PCA2_UP, NAKAYAMA_SOFT_TISSUE_TUMORS_PCA2_UP
REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_PHOSPHORYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_PHOSPHORYLATION
LEE_EARLY_T_LYMPHOCYTE_UP, LEE_EARLY_T_LYMPHOCYTE_UP
WIELAND_UP_BY_HBV_INFECTION, WIELAND_UP_BY_HBV_INFECTION
ALCALAY_AML_BY_NPM1_LOCALIZATION_DN, ALCALAY_AML_BY_NPM1_LOCALIZATION_DN
HOLLMANN_APOPTOSIS_VIA_CD40_UP, HOLLMANN_APOPTOSIS_VIA_CD40_UP
REACTOME_CYCLIN_A_CDK2_ASSOCIATED_EVENTS_AT_S_PHASE_ENTRY, REACTOME_CYCLIN_A_CDK2_ASSOCIATED_EVENTS_AT_S_PHASE_ENTRY
REACTOME_G2_M_DNA_DAMAGE_CHECKPOINT, REACTOME_G2_M_DNA_DAMAGE_CHECKPOINT
PEART_HDAC_PROLIFERATION_CLUSTER_DN, PEART_HDAC_PROLIFERATION_CLUSTER_DN
REACTOME_HDR_THROUGH_SINGLE_STRAND_ANNHEALING_SSA, REACTOME_HDR_THROUGH_SINGLE_STRAND_ANNHEALING_SSA
REACTOME_HOMOLOGOUS_DNA_PAIRING_AND_STRAND_EXCHANGE, REACTOME_HOMOLOGOUS_DNA_PAIRING_AND_STRAND_EXCHANGE
SARRIO_EPITHELIAL_MESENCHYMAL_TRANSITION_UP, SARRIO_EPITHELIAL_MESENCHYMAL_TRANSITION_UP
GAVIN_FOXP3_TARGETS_CLUSTER_P6, GAVIN_FOXP3_TARGETS_CLUSTER_P6
REACTOME_DNA_DAMAGE_TELOMERE_STRESS_INDUCED_SENESCENCE, REACTOME_DNA_DAMAGE_TELOMERE_STRESS_INDUCED_SENESCENCE
CROONQUIST_IL6_DEPRIVATION_DN, CROONQUIST_IL6_DEPRIVATION_DN
REICHERT_MITOSIS_LIN9_TARGETS, REICHERT_MITOSIS_LIN9_TARGETS
REACTOME_COPI_DEPENDENT_GOLGI_TO_ER_RETROGRADE_TRAFFIC, REACTOME_COPI_DEPENDENT_GOLGI_TO_ER_RETROGRADE_TRAFFIC
REACTOME_SCF_SKP2_MEDIATED_DEGRADATION_OF_P27_P21, REACTOME_SCF_SKP2_MEDIATED_DEGRADATION_OF_P27_P21
REACTOME_RHO_GTPASES_ACTIVATE_FORMINS, REACTOME_RHO_GTPASES_ACTIVATE_FORMINS
REACTOME_AURKA_ACTIVATION_BY_TPX2, REACTOME_AURKA_ACTIVATION_BY_TPX2
REACTOME_TELOMERE_C_STRAND_LAGGING_STRAND_SYNTHESIS, REACTOME_TELOMERE_C_STRAND_LAGGING_STRAND_SYNTHESIS
WHITFIELD_CELL_CYCLE_S, WHITFIELD_CELL_CYCLE_S
KEGG_UBIQUITIN_MEDIATED_PROTEOLYSIS, KEGG_UBIQUITIN_MEDIATED_PROTEOLYSIS
BERTUCCI_MEDULLARY_VS_DUCTAL_BREAST_CANCER_UP, BERTUCCI_MEDULLARY_VS_DUCTAL_BREAST_CANCER_UP
REACTOME_MEIOSIS, REACTOME_MEIOSIS
RIGGI_EWING_SARCOMA_PROGENITOR_DN, RIGGI_EWING_SARCOMA_PROGENITOR_DN
SASAKI_ADULT_T_CELL_LEUKEMIA, SASAKI_ADULT_T_CELL_LEUKEMIA
REACTOME_SENESCENCE_ASSOCIATED_SECRETORY_PHENOTYPE_SASP, REACTOME_SENESCENCE_ASSOCIATED_SECRETORY_PHENOTYPE_SASP
DAZARD_UV_RESPONSE_CLUSTER_G6, DAZARD_UV_RESPONSE_CLUSTER_G6
REACTOME_ACTIVATION_OF_THE_PRE_REPLICATIVE_COMPLEX, REACTOME_ACTIVATION_OF_THE_PRE_REPLICATIVE_COMPLEX
RIZ_ERYTHROID_DIFFERENTIATION, RIZ_ERYTHROID_DIFFERENTIATION
REACTOME_REGULATION_OF_PLK1_ACTIVITY_AT_G2_M_TRANSITION, REACTOME_REGULATION_OF_PLK1_ACTIVITY_AT_G2_M_TRANSITION
PETROVA_ENDOTHELIUM_LYMPHATIC_VS_BLOOD_UP, PETROVA_ENDOTHELIUM_LYMPHATIC_VS_BLOOD_UP
CROONQUIST_NRAS_SIGNALING_DN, CROONQUIST_NRAS_SIGNALING_DN
SMIRNOV_RESPONSE_TO_IR_6HR_DN, SMIRNOV_RESPONSE_TO_IR_6HR_DN
JOHANSSON_GLIOMAGENESIS_BY_PDGF_UP, JOHANSSON_GLIOMAGENESIS_BY_PDGF_UP
KONG_E2F3_TARGETS, KONG_E2F3_TARGETS
PID_E2F_PATHWAY, PID_E2F_PATHWAY
VILLANUEVA_LIVER_CANCER_KRT19_UP, VILLANUEVA_LIVER_CANCER_KRT19_UP
MONTERO_THYROID_CANCER_POOR_SURVIVAL_UP, MONTERO_THYROID_CANCER_POOR_SURVIVAL_UP
THILLAINADESAN_ZNF217_TARGETS_UP, THILLAINADESAN_ZNF217_TARGETS_UP
ISHIDA_E2F_TARGETS, ISHIDA_E2F_TARGETS
JIANG_VHL_TARGETS, JIANG_VHL_TARGETS
REACTOME_G1_S_SPECIFIC_TRANSCRIPTION, REACTOME_G1_S_SPECIFIC_TRANSCRIPTION
CHOW_RASSF1_TARGETS_UP, CHOW_RASSF1_TARGETS_UP
CHANDRAN_METASTASIS_TOP50_UP, CHANDRAN_METASTASIS_TOP50_UP
GEORGES_CELL_CYCLE_MIR192_TARGETS, GEORGES_CELL_CYCLE_MIR192_TARGETS
KAMMINGA_EZH2_TARGETS, KAMMINGA_EZH2_TARGETS
PID_PLK1_PATHWAY, PID_PLK1_PATHWAY
CAFFAREL_RESPONSE_TO_THC_24HR_5_UP, CAFFAREL_RESPONSE_TO_THC_24HR_5_UP
WILCOX_RESPONSE_TO_PROGESTERONE_UP, WILCOX_RESPONSE_TO_PROGESTERONE_UP
VANTVEER_BREAST_CANCER_METASTASIS_DN, VANTVEER_BREAST_CANCER_METASTASIS_DN
REACTOME_REPRODUCTION, REACTOME_REPRODUCTION
SERVITJA_LIVER_HNF1A_TARGETS_UP, SERVITJA_LIVER_HNF1A_TARGETS_UP
REACTOME_GAP_JUNCTION_ASSEMBLY, REACTOME_GAP_JUNCTION_ASSEMBLY
GOTZMANN_EPITHELIAL_TO_MESENCHYMAL_TRANSITION_UP, GOTZMANN_EPITHELIAL_TO_MESENCHYMAL_TRANSITION_UP
REACTOME_RESOLUTION_OF_D_LOOP_STRUCTURES_THROUGH_SYNTHESIS_DEPENDENT_STRAND_ANNHEALING_SDSA, REACTOME_RESOLUTION_OF_D_LOOP_STRUCTURES_THROUGH_SYNTHESIS_DEPENDENT_STRAND_ANNHEALING_SDSA
PID_FOXO_PATHWAY, PID_FOXO_PATHWAY
PID_AURORA_A_PATHWAY, PID_AURORA_A_PATHWAY
BORLAK_LIVER_CANCER_EGF_UP, BORLAK_LIVER_CANCER_EGF_UP
PID_ATR_PATHWAY, PID_ATR_PATHWAY
ODONNELL_TFRC_TARGETS_DN, ODONNELL_TFRC_TARGETS_DN
BIOCARTA_MCM_PATHWAY, BIOCARTA_MCM_PATHWAY
GRAHAM_CML_QUIESCENT_VS_CML_DIVIDING_DN, GRAHAM_CML_QUIESCENT_VS_CML_DIVIDING_DN
REACTOME_DEPOSITION_OF_NEW_CENPA_CONTAINING_NUCLEOSOMES_AT_THE_CENTROMERE, REACTOME_DEPOSITION_OF_NEW_CENPA_CONTAINING_NUCLEOSOMES_AT_THE_CENTROMERE
FARMER_BREAST_CANCER_CLUSTER_2, FARMER_BREAST_CANCER_CLUSTER_2
HADDAD_T_LYMPHOCYTE_AND_NK_PROGENITOR_DN, HADDAD_T_LYMPHOCYTE_AND_NK_PROGENITOR_DN
TSAI_RESPONSE_TO_IONIZING_RADIATION, TSAI_RESPONSE_TO_IONIZING_RADIATION
REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION, REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION
PID_FOXM1_PATHWAY, PID_FOXM1_PATHWAY
REACTOME_TRANSCRIPTION_OF_E2F_TARGETS_UNDER_NEGATIVE_CONTROL_BY_DREAM_COMPLEX, REACTOME_TRANSCRIPTION_OF_E2F_TARGETS_UNDER_NEGATIVE_CONTROL_BY_DREAM_COMPLEX
LY_AGING_MIDDLE_DN, LY_AGING_MIDDLE_DN
KEGG_OOCYTE_MEIOSIS, KEGG_OOCYTE_MEIOSIS
SHAFFER_IRF4_TARGETS_IN_ACTIVATED_DENDRITIC_CELL, SHAFFER_IRF4_TARGETS_IN_ACTIVATED_DENDRITIC_CELL
TURASHVILI_BREAST_DUCTAL_CARCINOMA_VS_LOBULAR_NORMAL_UP, TURASHVILI_BREAST_DUCTAL_CARCINOMA_VS_LOBULAR_NORMAL_UP
XU_HGF_TARGETS_INDUCED_BY_AKT1_48HR_DN, XU_HGF_TARGETS_INDUCED_BY_AKT1_48HR_DN
KOKKINAKIS_METHIONINE_DEPRIVATION_96HR_DN, KOKKINAKIS_METHIONINE_DEPRIVATION_96HR_DN
KAN_RESPONSE_TO_ARSENIC_TRIOXIDE, KAN_RESPONSE_TO_ARSENIC_TRIOXIDE
KEGG_HOMOLOGOUS_RECOMBINATION, KEGG_HOMOLOGOUS_RECOMBINATION
KOKKINAKIS_METHIONINE_DEPRIVATION_48HR_DN, KOKKINAKIS_METHIONINE_DEPRIVATION_48HR_DN
PEART_HDAC_PROLIFERATION_CLUSTER_UP, PEART_HDAC_PROLIFERATION_CLUSTER_UP
SLEBOS_HEAD_AND_NECK_CANCER_WITH_HPV_UP, SLEBOS_HEAD_AND_NECK_CANCER_WITH_HPV_UP
PID_ATM_PATHWAY, PID_ATM_PATHWAY
WEST_ADRENOCORTICAL_TUMOR_MARKERS_UP, WEST_ADRENOCORTICAL_TUMOR_MARKERS_UP
BURTON_ADIPOGENESIS_PEAK_AT_16HR, BURTON_ADIPOGENESIS_PEAK_AT_16HR
STEIN_ESR1_TARGETS, STEIN_ESR1_TARGETS
CROONQUIST_NRAS_VS_STROMAL_STIMULATION_DN, CROONQUIST_NRAS_VS_STROMAL_STIMULATION_DN
GREENBAUM_E2A_TARGETS_UP, GREENBAUM_E2A_TARGETS_UP
FOURNIER_ACINAR_DEVELOPMENT_LATE_DN, FOURNIER_ACINAR_DEVELOPMENT_LATE_DN
WANG_METASTASIS_OF_BREAST_CANCER_ESR1_UP, WANG_METASTASIS_OF_BREAST_CANCER_ESR1_UP
EGUCHI_CELL_CYCLE_RB1_TARGETS, EGUCHI_CELL_CYCLE_RB1_TARGETS
REACTOME_SIGNALING_BY_HEDGEHOG, REACTOME_SIGNALING_BY_HEDGEHOG
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_RECRUITMENT_OF_NUMA_TO_MITOTIC_CENTROSOMES, REACTOME_RECRUITMENT_OF_NUMA_TO_MITOTIC_CENTROSOMES
LOPEZ_MESOTELIOMA_SURVIVAL_TIME_UP, LOPEZ_MESOTELIOMA_SURVIVAL_TIME_UP
CHIARADONNA_NEOPLASTIC_TRANSFORMATION_KRAS_UP, CHIARADONNA_NEOPLASTIC_TRANSFORMATION_KRAS_UP
REACTOME_UNWINDING_OF_DNA, REACTOME_UNWINDING_OF_DNA
SHEPARD_BMYB_TARGETS, SHEPARD_BMYB_TARGETS
REACTOME_PROCESSIVE_SYNTHESIS_ON_THE_C_STRAND_OF_THE_TELOMERE, REACTOME_PROCESSIVE_SYNTHESIS_ON_THE_C_STRAND_OF_THE_TELOMERE
LEE_LIVER_CANCER_MYC_E2F1_UP, LEE_LIVER_CANCER_MYC_E2F1_UP
REACTOME_GOLGI_CISTERNAE_PERICENTRIOLAR_STACK_REORGANIZATION, REACTOME_GOLGI_CISTERNAE_PERICENTRIOLAR_STACK_REORGANIZATION
REACTOME_ASSEMBLY_AND_CELL_SURFACE_PRESENTATION_OF_NMDA_RECEPTORS, REACTOME_ASSEMBLY_AND_CELL_SURFACE_PRESENTATION_OF_NMDA_RECEPTORS
REACTOME_GAP_JUNCTION_TRAFFICKING_AND_REGULATION, REACTOME_GAP_JUNCTION_TRAFFICKING_AND_REGULATION
FURUKAWA_DUSP6_TARGETS_PCB3_DN, FURUKAWA_DUSP6_TARGETS_PCB3_DN
LIANG_HEMATOPOIESIS_STEM_CELL_NUMBER_SMALL_VS_HUGE_DN, LIANG_HEMATOPOIESIS_STEM_CELL_NUMBER_SMALL_VS_HUGE_DN
MOLENAAR_TARGETS_OF_CCND1_AND_CDK4_DN, MOLENAAR_TARGETS_OF_CCND1_AND_CDK4_DN
LE_NEURONAL_DIFFERENTIATION_DN, LE_NEURONAL_DIFFERENTIATION_DN
REACTOME_G0_AND_EARLY_G1, REACTOME_G0_AND_EARLY_G1
JIANG_HYPOXIA_CANCER, JIANG_HYPOXIA_CANCER
HU_GENOTOXIC_DAMAGE_4HR, HU_GENOTOXIC_DAMAGE_4HR
GOLUB_ALL_VS_AML_UP, GOLUB_ALL_VS_AML_UP
LIANG_HEMATOPOIESIS_STEM_CELL_NUMBER_LARGE_VS_TINY_UP, LIANG_HEMATOPOIESIS_STEM_CELL_NUMBER_LARGE_VS_TINY_UP
REACTOME_KINESINS, REACTOME_KINESINS
ZHAN_EARLY_DIFFERENTIATION_GENES_DN, ZHAN_EARLY_DIFFERENTIATION_GENES_DN
XU_CREBBP_TARGETS_UP, XU_CREBBP_TARGETS_UP
REACTOME_MEIOTIC_SYNAPSIS, REACTOME_MEIOTIC_SYNAPSIS
KENNY_CTNNB1_TARGETS_UP, KENNY_CTNNB1_TARGETS_UP
REACTOME_MHC_CLASS_II_ANTIGEN_PRESENTATION, REACTOME_MHC_CLASS_II_ANTIGEN_PRESENTATION
GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_TURQUOISE_DN, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_TURQUOISE_DN
REACTOME_TRANSPORT_OF_CONNEXONS_TO_THE_PLASMA_MEMBRANE, REACTOME_TRANSPORT_OF_CONNEXONS_TO_THE_PLASMA_MEMBRANE
KOKKINAKIS_METHIONINE_DEPRIVATION_48HR_UP, KOKKINAKIS_METHIONINE_DEPRIVATION_48HR_UP
YU_BAP1_TARGETS, YU_BAP1_TARGETS
WANG_CISPLATIN_RESPONSE_AND_XPC_UP, WANG_CISPLATIN_RESPONSE_AND_XPC_UP
SHETH_LIVER_CANCER_VS_TXNIP_LOS8_PAM2, SHETH_LIVER_CANCER_VS_TXNIP_LOS8_PAM2
REACTOME_RHO_GTPASES_ACTIVATE_IQGAPS, REACTOME_RHO_GTPASES_ACTIVATE_IQGAPS
LOPEZ_MESOTHELIOMA_SURVIVAL_OVERALL_DN, LOPEZ_MESOTHELIOMA_SURVIVAL_OVERALL_DN
REACTOME_TRANSCRIPTIONAL_REGULATION_BY_E2F6, REACTOME_TRANSCRIPTIONAL_REGULATION_BY_E2F6