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REACTOME_DNA_REPLICATION, REACTOME_DNA_REPLICATION
REACTOME MITOTIC G1_PHASE_AND_G1_S_TRANSITION, REACTOME_MITOTIC_G1_PHASE_AND_G1_S_TRANSITION
REACTOME_MITOTIC_SPINDLE_CHECKPOINT, REACTOME_MITOTIC_SPINDLE_CHECKPOINT
REACTOME MITOTIC G2 G2 M PHASES, REACTOME MITOTIC G2 G2 M PHASES
REACTOME_G2_M_CHECKPOINTS, REACTOME_G2_M_CHECKPOINTS
REACTOME_SEPARATION_OF_SISTER_CHROMATIDS, REACTOME_SEPARATION_OF_SISTER_CHROMATIDS
WP_DNA_REPAIR_PATHWAYS_FULL_NETWORK, WP_DNA_REPAIR_PATHWAYS_FULL_NETWORK
REACTOME_HOST_INTERACTIONS_OF_HIV_FACTORS, REACTOME_HOST_INTERACTIONS_OF_HIV_FACTORS
WP_MIRNAS_INVOLVED_IN_DNA_DAMAGE_RESPONSE, WP_MIRNAS_INVOLVED_IN_DNA_DAMAGE_RESPONSE
REACTOME_DNA_DOUBLE_STRAND_BREAK_REPAIR, REACTOME_DNA_DOUBLE_STRAND_BREAK_REPAIR
REACTOME_REGULATION_OF_TP53_ACTIVITY, REACTOME_REGULATION_OF_TP53_ACTIVITY
WP_RETINOBLASTOMA_GENE_IN_CANCER, WP_RETINOBLASTOMA_GENE_IN_CANCER
KEGG CELL CYCLE, KEGG CELL CYCLE
REACTOME_GLOBAL_GENOME_NUCLEOTIDE_EXCISION_REPAIR_GG_NER, REACTOME_GLOBAL_GENOME_NUCLEOTIDE_EXCISION_REPAIR_GG_NER
REACTOME_REGULATION_OF_EXPRESSION_OF_SLITS_AND_ROBOS, REACTOME_REGULATION_OF_EXPRESSION_OF_SLITS_AND_ROBOS
WP_CELL_CYCLE, WP_CELL_CYCLE
REACTOME_SWITCHING_OF_ORIGINS_TO_A_POST_REPLICATIVE_STATE, REACTOME_SWITCHING_OF_ORIGINS_TO_A_POST_REPLICATIVE_STATE
REACTOME_DNA_REPLICATION_PRE_INITIATION, REACTOME_DNA_REPLICATION_PRE_INITIATION
REACTOME_APC_C_MEDIATED_DEGRADATION_OF_CELL_CYCLE_PROTEINS, REACTOME_APC_C_MEDIATED_DEGRADATION_OF_CELL_CYCLE_PROTEINS
REACTOME_HOMOLOGY_DIRECTED_REPAIR, REACTOME_HOMOLOGY_DIRECTED_REPAIR
REACTOME_RESOLUTION_OF_SISTER_CHROMATID_COHESION, REACTOME_RESOLUTION_OF_SISTER_CHROMATID_COHESION
REACTOME_INTERLEUKIN_1_SIGNALING, REACTOME_INTERLEUKIN_1_SIGNALING
WP_DNA_IRDAMAGE_AND_CELLULAR_RESPONSE_VIA_ATR, WP_DNA_IRDAMAGE_AND_CELLULAR_RESPONSE_VIA_ATR
REACTOME_CYCLIN_A_CDK2_ASSOCIATED_EVENTS_AT_S_PHASE_ENTRY, REACTOME_CYCLIN_A_CDK2_ASSOCIATED_EVENTS_AT_S_PHASE_ENTRY
REACTOME_ORC1_REMOVAL_FROM_CHROMATIN, REACTOME_ORC1_REMOVAL_FROM_CHROMATIN
REACTOME_APOPTOSIS, REACTOME_APOPTOSIS
REACTOME PTEN REGULATION, REACTOME PTEN REGULATION
REACTOME_ASSEMBLY_OF_THE_PRE_REPLICATIVE_COMPLEX, REACTOME_ASSEMBLY_OF_THE_PRE_REPLICATIVE_COMPLEX
REACTOME_HDR_THROUGH_HOMOLOGOUS_RECOMBINATION_HRR, REACTOME_HDR_THROUGH_HOMOLOGOUS_RECOMBINATION_HRR
REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_PHOSPHORYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_PHOSPHORYLATION
REACTOME_APC_C_CDH1_MEDIATED_DEGRADATION_OF_CDC20_AND_OTHER_APC_C_CDH1_TARGETED_PROTEINS_IN_LATE_MITOSIS_EARLY_G1

REACTOME_APC_C_CDH1_MEDIATED_DEGRADATION_OF_CDC20_AND_OTHER_APC_C_CDH1_TARGETED_PROTEINS_IN_LATE_MITOSIS_EARLY_G1
REACTOME_UCH_PROTEINASES, REACTOME_UCH_PROTEINASES
REACTOME_CYTOPROTECTION_BY_HMOX1, REACTOME_CYTOPROTECTION_BY_HMOX1
REACTOME_SCF_SKP2_MEDIATED_DEGRADATION_OF_P27_P21, REACTOME_SCF_SKP2_MEDIATED_DEGRADATION_OF_P27_P21
REACTOME_PROCESSING_OF_DNA_DOUBLE_STRAND_BREAK_ENDS, REACTOME_PROCESSING_OF_DNA_DOUBLE_STRAND_BREAK_ENDS
WP_DNA_REPLICATION, WP_DNA_REPLICATION
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_CLEC7A_DECTIN_1_SIGNALING, REACTOME_CLEC7A_DECTIN_1_SIGNALING
REACTOME_CELLULAR_RESPONSE_TO_CHEMICAL_STRESS, REACTOME_CELLULAR_RESPONSE_TO_CHEMICAL_STRESS
WP G1 TO S CELL CYCLE CONTROL, WP G1 TO S CELL CYCLE CONTROL
REACTOME_ANTIGEN_PROCESSING_CROSS_PRESENTATION, REACTOME_ANTIGEN_PROCESSING_CROSS_PRESENTATION
REACTOME_PROTEIN_UBIQUITINATION, REACTOME_PROTEIN_UBIQUITINATION
REACTOME_DNA_STRAND_ELONGATION, REACTOME_DNA_STRAND_ELONGATION
REACTOME_REGULATION_OF_RAS_BY_GAPS, REACTOME_REGULATION_OF_RAS_BY_GAPS
REACTOME_DOWNSTREAM_SIGNALING_EVENTS_OF_B_CELL_RECEPTOR_BCR, REACTOME_DOWNSTREAM_SIGNALING_EVENTS_OF_B_CELL_RECEPTOR_BCR
REACTOME TELOMERE C STRAND LAGGING STRAND SYNTHESIS, REACTOME TELOMERE C STRAND LAGGING STRAND SYNTHESIS
REACTOME DEGRADATION OF BETA CATENIN BY THE DESTRUCTION COMPLEX, REACTOME DEGRADATION OF BETA CATENIN BY THE DESTRUCTION COMPLEX
REACTOME_G2_M_DNA_DAMAGE_CHECKPOINT, REACTOME_G2_M_DNA_DAMAGE_CHECKPOINT
REACTOME_NEGATIVE_REGULATION_OF_NOTCH4_SIGNALING, REACTOME_NEGATIVE_REGULATION_OF_NOTCH4_SIGNALING
REACTOME_G1_S_DNA_DAMAGE_CHECKPOINTS, REACTOME_G1_S_DNA_DAMAGE_CHECKPOINTS
WP_TGFBETA_SIGNALING_PATHWAY, WP_TGFBETA_SIGNALING_PATHWAY
REACTOME GO AND EARLY G1, REACTOME GO AND EARLY G1
REACTOME_SIGNALING_BY_TGF_BETA_RECEPTOR_COMPLEX, REACTOME_SIGNALING_BY_TGF_BETA_RECEPTOR_COMPLEX
WP_INTEGRATED_BREAST_CANCER_PATHWAY, WP_INTEGRATED_BREAST_CANCER_PATHWAY
KEGG_UBIQUITIN_MEDIATED_PROTEOLYSIS, KEGG_UBIQUITIN_MEDIATED_PROTEOLYSIS
REACTOME_REGULATION_OF_HMOX1_EXPRESSION_AND_ACTIVITY, REACTOME_REGULATION_OF_HMOX1_EXPRESSION_AND_ACTIVITY
REACTOME_EXTENSION_OF_TELOMERES, REACTOME_EXTENSION_OF_TELOMERES
KEGG_SMALL_CELL_LUNG_CANCER, KEGG_SMALL_CELL_LUNG_CANCER
REACTOME_REGULATION_OF_PTEN_STABILITY_AND_ACTIVITY, REACTOME_REGULATION_OF_PTEN_STABILITY_AND_ACTIVITY
WP_DNA_DAMAGE_RESPONSE, WP_DNA_DAMAGE_RESPONSE
REACTOME DEGRADATION OF DVL, REACTOME DEGRADATION OF DVL
REACTOME_HDR_THROUGH_SINGLE_STRAND_ANNEALING_SSA, REACTOME_HDR_THROUGH_SINGLE_STRAND_ANNEALING_SSA
PID_FANCONI_PATHWAY, PID_FANCONI_PATHWAY
KEGG_DNA_REPLICATION, KEGG_DNA_REPLICATION
REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ACETYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ACETYLATION
REACTOME DEGRADATION OF AXIN, REACTOME DEGRADATION OF AXIN
KEGG_CHRONIC_MYELOID_LEUKEMIA, KEGG_CHRONIC_MYELOID_LEUKEMIA
PID_ATR_PATHWAY, PID_ATR_PATHWAY
REACTOME_ACTIVATION_OF_ATR_IN_RESPONSE_TO_REPLICATION_STRESS, REACTOME_ACTIVATION_OF_ATR_IN_RESPONSE_TO_REPLICATION_STRESS
WP_PROTEASOME_DEGRADATION, WP_PROTEASOME_DEGRADATION
REACTOME_HOMOLOGOUS_DNA_PAIRING_AND_STRAND_EXCHANGE, REACTOME_HOMOLOGOUS_DNA_PAIRING_AND_STRAND_EXCHANGE
REACTOME_FORMATION_OF_INCISION_COMPLEX_IN_GG_NER, REACTOME_FORMATION_OF_INCISION_COMPLEX_IN_GG_NER
KEGG NUCLEOTIDE EXCISION REPAIR, KEGG NUCLEOTIDE EXCISION REPAIR
REACTOME_DNA_DAMAGE_BYPASS, REACTOME_DNA_DAMAGE_BYPASS
REACTOME_AUF1_HNRNP_D0_BINDS_AND_DESTABILIZES_MRNA, REACTOME_AUF1_HNRNP_D0_BINDS_AND_DESTABILIZES_MRNA
REACTOME_N_GLYCAN_TRIMMING_IN_THE_ER_AND_CALNEXIN_CALRETICULIN_CYCLE, REACTOME_N_GLYCAN_TRIMMING_IN_THE_ER_AND_CALNEXIN_CALRETICULIN_CYCLE
REACTOME_ACTIVATION_OF_THE_PRE_REPLICATIVE_COMPLEX, REACTOME_ACTIVATION_OF_THE_PRE_REPLICATIVE_COMPLEX
REACTOME_TGF_BETA_RECEPTOR_SIGNALING_ACTIVATES_SMADS, REACTOME_TGF_BETA_RECEPTOR_SIGNALING_ACTIVATES_SMADS
REACTOME SIGNALING BY NOTCH4, REACTOME SIGNALING BY NOTCH4
REACTOME_DECTIN_1_MEDIATED_NONCANONICAL_NF_KB_SIGNALING, REACTOME_DECTIN_1_MEDIATED_NONCANONICAL_NF_KB_SIGNALING
KEGG_ACUTE_MYELOID_LEUKEMIA, KEGG_ACUTE_MYELOID_LEUKEMIA
REACTOME MAPK6 MAPK4 SIGNALING, REACTOME MAPK6 MAPK4 SIGNALING
REACTOME_TRANSCRIPTION_OF_E2F_TARGETS_UNDER_NEGATIVE_CONTROL_BY_DREAM_COMPLEX, REACTOME_TRANSCRIPTION_OF_E2F_TARGETS_UNDER_NEGATIVE_CONTROL_BY_DREAM_COMPLEX
REACTOME_DUAL_INCISION_IN_GG_NER, REACTOME_DUAL_INCISION_IN_GG_NER
REACTOME_HEDGEHOG_LIGAND_BIOGENESIS, REACTOME_HEDGEHOG_LIGAND_BIOGENESIS
REACTOME_INTERLEUKIN_1_FAMILY_SIGNALING, REACTOME_INTERLEUKIN_1_FAMILY_SIGNALING
WP_NUCLEOTIDE_EXCISION_REPAIR, WP_NUCLEOTIDE_EXCISION_REPAIR
REACTOME_CELLULAR_SENESCENCE, REACTOME_CELLULAR_SENESCENCE
PID_TELOMERASE_PATHWAY, PID_TELOMERASE_PATHWAY
REACTOME_REGULATION_OF_RUNX3_EXPRESSION_AND_ACTIVITY, REACTOME_REGULATION_OF_RUNX3_EXPRESSION_AND_ACTIVITY
REACTOME_DEFECTIVE_CFTR_CAUSES_CYSTIC_FIBROSIS, REACTOME_DEFECTIVE_CFTR_CAUSES_CYSTIC_FIBROSIS
WP_ATM_SIGNALING_PATHWAY, WP_ATM_SIGNALING_PATHWAY
REACTOME_BETA_CATENIN_INDEPENDENT_WNT_SIGNALING, REACTOME_BETA_CATENIN_INDEPENDENT_WNT_SIGNALING
REACTOME_STABILIZATION_OF_P53, REACTOME_STABILIZATION_OF_P53
REACTOME_POLYMERASE_SWITCHING_ON_THE_C_STRAND_OF_THE_TELOMERE, REACTOME_POLYMERASE_SWITCHING_ON_THE_C_STRAND_OF_THE_TELOMERE
REACTOME_G1_S_SPECIFIC_TRANSCRIPTION, REACTOME_G1_S_SPECIFIC_TRANSCRIPTION
REACTOME_DNA_DAMAGE_RECOGNITION_IN_GG_NER, REACTOME_DNA_DAMAGE_RECOGNITION_IN_GG_NER
PID_E2F_PATHWAY, PID_E2F_PATHWAY
REACTOME_E3_UBIQUITIN_LIGASES_UBIQUITINATE_TARGET_PROTEINS, REACTOME_E3_UBIQUITIN_LIGASES_UBIQUITINATE_TARGET_PROTEINS
REACTOME_TRANSCRIPTIONAL_REGULATION_BY_RUNX3, REACTOME_TRANSCRIPTIONAL_REGULATION_BY_RUNX3
WP_HEAD_AND_NECK_SQUAMOUS_CELL_CARCINOMA, WP_HEAD_AND_NECK_SQUAMOUS_CELL_CARCINOMA
PID_P53_REGULATION_PATHWAY, PID_P53_REGULATION_PATHWAY
PID_P73PATHWAY, PID_P73PATHWAY
REACTOME_MYD88_INDEPENDENT_TLR4_CASCADE, REACTOME_MYD88_INDEPENDENT_TLR4_CASCADE
REACTOME REGULATION OF TP53 EXPRESSION AND DEGRADATION, REACTOME REGULATION OF TP53 EXPRESSION AND DEGRADATION
WP_BASE_EXCISION_REPAIR, WP_BASE_EXCISION_REPAIR
KEGG_MISMATCH_REPAIR, KEGG_MISMATCH_REPAIR
KEGG_OOCYTE_MEIOSIS, KEGG_OOCYTE_MEIOSIS
REACTOME_TOLL_LIKE_RECEPTOR_9_TLR9_CASCADE, REACTOME_TOLL_LIKE_RECEPTOR_9_TLR9_CASCADE
REACTOME_RESOLUTION_OF_ABASIC_SITES_AP_SITES, REACTOME_RESOLUTION_OF_ABASIC_SITES_AP_SITES
REACTOME METABOLISM OF POLYAMINES, REACTOME METABOLISM OF POLYAMINES
REACTOME_MEIOSIS, REACTOME_MEIOSIS
REACTOME_SIGNALING_BY_TGFB_FAMILY_MEMBERS, REACTOME_SIGNALING_BY_TGFB_FAMILY_MEMBERS
REACTOME_PCP_CE_PATHWAY, REACTOME_PCP_CE_PATHWAY
WP_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY, WP_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY
REACTOME_SYNTHESIS_OF_ACTIVE_UBIQUITIN_ROLES_OF_E1_AND_E2_ENZYMES, REACTOME_SYNTHESIS_OF_ACTIVE_UBIQUITIN_ROLES_OF_E1_AND_E2_ENZYMES
REACTOME_LAGGING_STRAND_SYNTHESIS, REACTOME_LAGGING_STRAND_SYNTHESIS
KEGG_BLADDER_CANCER, KEGG_BLADDER_CANCER
WP_GASTRIC_CANCER_NETWORK_1, WP_GASTRIC_CANCER_NETWORK_1
KEGG_BASE_EXCISION_REPAIR, KEGG_BASE_EXCISION_REPAIR
WP_MIRNA_REGULATION_OF_DNA_DAMAGE_RESPONSE, WP_MIRNA_REGULATION_OF_DNA_DAMAGE_RESPONSE
WP_SIGNALING_PATHWAYS_IN_GLIOBLASTOMA, WP_SIGNALING_PATHWAYS_IN_GLIOBLASTOMA
REACTOME_RECOGNITION_OF_DNA_DAMAGE_BY_PCNA_CONTAINING_REPLICATION_COMPLEX, REACTOME_RECOGNITION_OF_DNA_DAMAGE_BY_PCNA_CONTAINING_REPLICATION_COMPLEX
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_THE_ROLE_OF_GTSE1_IN_G2_M_PROGRESSION_AFTER_G2_CHECKPOINT, REACTOME_THE_ROLE_OF_GTSE1_IN_G2_M_PROGRESSION_AFTER_G2_CHECKPOINT
REACTOME_TOLL_LIKE_RECEPTOR_CASCADES, REACTOME_TOLL_LIKE_RECEPTOR_CASCADES
REACTOME_CELLULAR_RESPONSE_TO_HYPOXIA, REACTOME_CELLULAR_RESPONSE_TO_HYPOXIA
REACTOME_TNF_SIGNALING, REACTOME_TNF_SIGNALING
KEGG COLORECTAL CANCER, KEGG COLORECTAL CANCER
WP_INTEGRATED_CANCER_PATHWAY, WP_INTEGRATED_CANCER_PATHWAY
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
WP_MIRNA_REGULATION_OF_PROSTATE_CANCER_SIGNALING_PATHWAYS, WP_MIRNA_REGULATION_OF_PROSTATE_CANCER_SIGNALING_PATHWAYS
WP_DNA_MISMATCH_REPAIR, WP_DNA_MISMATCH_REPAIR
REACTOME_PROCESSIVE_SYNTHESIS_ON_THE_LAGGING_STRAND, REACTOME_PROCESSIVE_SYNTHESIS_ON_THE_LAGGING_STRAND
WP_BLADDER_CANCER, WP_BLADDER_CANCER
REACTOME_FANCONI_ANEMIA_PATHWAY, REACTOME_FANCONI_ANEMIA_PATHWAY
REACTOME_MEIOTIC_RECOMBINATION, REACTOME_MEIOTIC_RECOMBINATION
REACTOME_GAP_FILLING_DNA_REPAIR_SYNTHESIS_AND_LIGATION_IN_GG_NER, REACTOME_GAP_FILLING_DNA_REPAIR_SYNTHESIS_AND_LIGATION_IN_GG_NER
REACTOME_C_TYPE_LECTIN_RECEPTORS_CLRS, REACTOME_C_TYPE_LECTIN_RECEPTORS_CLRS
KEGG_PANCREATIC_CANCER, KEGG_PANCREATIC_CANCER
REACTOME_CALNEXIN_CALRETICULIN_CYCLE, REACTOME_CALNEXIN_CALRETICULIN_CYCLE
REACTOME_NEGATIVE_REGULATION_OF_MAPK_PATHWAY, REACTOME_NEGATIVE_REGULATION_OF_MAPK_PATHWAY
REACTOME_AKT_PHOSPHORYLATES_TARGETS_IN_THE_CYTOSOL, REACTOME_AKT_PHOSPHORYLATES_TARGETS_IN_THE_CYTOSOL
REACTOME_DOWNREGULATION_OF_TGF_BETA_RECEPTOR_SIGNALING, REACTOME_DOWNREGULATION_OF_TGF_BETA_RECEPTOR_SIGNALING
REACTOME_FLT3_SIGNALING, REACTOME_FLT3_SIGNALING
REACTOME_PROCESSIVE_SYNTHESIS_ON_THE_C_STRAND_OF_THE_TELOMERE, REACTOME_PROCESSIVE_SYNTHESIS_ON_THE_C_STRAND_OF_THE_TELOMERE
REACTOME_APC_CDC20_MEDIATED_DEGRADATION_OF_NEK2A, REACTOME_APC_CDC20_MEDIATED_DEGRADATION_OF_NEK2A
PID_MYC_PATHWAY, PID_MYC_PATHWAY
REACTOME_DOWNREGULATION_OF_SMAD2_3_SMAD4_TRANSCRIPTIONAL_ACTIVITY, REACTOME_DOWNREGULATION_OF_SMAD2_3_SMAD4_TRANSCRIPTIONAL_ACTIVITY
REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER, REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER
SIG_BCR_SIGNALING_PATHWAY, SIG_BCR_SIGNALING_PATHWAY
REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CELL_CYCLE_GENES, REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CELL_CYCLE_GENES
REACTOME_CROSS_PRESENTATION_OF_SOLUBLE_EXOGENOUS_ANTIGENS_ENDOSOMES, REACTOME_CROSS_PRESENTATION_OF_SOLUBLE_EXOGENOUS_ANTIGENS_ENDOSOMES
BIOCARTA_G1_PATHWAY, BIOCARTA_G1_PATHWAY
REACTOME_APC_C_CDC20_MEDIATED_DEGRADATION_OF_CYCLIN_B, REACTOME_APC_C_CDC20_MEDIATED_DEGRADATION_OF_CYCLIN_B
REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION, REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION
REACTOME_ASYMMETRIC_LOCALIZATION_OF_PCP_PROTEINS, REACTOME_ASYMMETRIC_LOCALIZATION_OF_PCP_PROTEINS
REACTOME_INTERLEUKIN_3_INTERLEUKIN_5_AND_GM_CSF_SIGNALING, REACTOME_INTERLEUKIN_3_INTERLEUKIN_5_AND_GM_CSF_SIGNALING
REACTOME_CYCLIN_A_B1_B2_ASSOCIATED_EVENTS_DURING_G2_M_TRANSITION, REACTOME_CYCLIN_A_B1_B2_ASSOCIATED_EVENTS_DURING_G2_M_TRANSITION
KEGG_HOMOLOGOUS_RECOMBINATION, KEGG_HOMOLOGOUS_RECOMBINATION
REACTOME_REPRODUCTION, REACTOME_REPRODUCTION
REACTOME_DNA_DAMAGE_TELOMERE_STRESS_INDUCED_SENESCENCE, REACTOME_DNA_DAMAGE_TELOMERE_STRESS_INDUCED_SENESCENCE
PID_AURORA_A_PATHWAY, PID_AURORA_A_PATHWAY
REACTOME_DISEASES_OF_CARBOHYDRATE_METABOLISM, REACTOME_DISEASES_OF_CARBOHYDRATE_METABOLISM
REACTOME_TRANSLESION_SYNTHESIS_BY_POLH, REACTOME_TRANSLESION_SYNTHESIS_BY_POLH
REACTOME_MISMATCH_REPAIR, REACTOME_MISMATCH_REPAIR
WP_PATHWAYS_AFFECTED_IN_ADENOID_CYSTIC_CARCINOMA, WP_PATHWAYS_AFFECTED_IN_ADENOID_CYSTIC_CARCINOMA
REACTOME_DISEASES_OF_MITOTIC_CELL_CYCLE, REACTOME_DISEASES_OF_MITOTIC_CELL_CYCLE
KEGG_PROTEASOME, KEGG_PROTEASOME
REACTOME_DISEASES_OF_PROGRAMMED_CELL_DEATH, REACTOME_DISEASES_OF_PROGRAMMED_CELL_DEATH
REACTOME_PINK1_PRKN_MEDIATED_MITOPHAGY, REACTOME_PINK1_PRKN_MEDIATED_MITOPHAGY
BIOCARTA_MCM_PATHWAY, BIOCARTA_MCM_PATHWAY
REACTOME_INTRINSIC_PATHWAY_FOR_APOPTOSIS, REACTOME_INTRINSIC_PATHWAY_FOR_APOPTOSIS
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_FLT3_SIGNALING_IN_DISEASE, REACTOME_FLT3_SIGNALING_IN_DISEASE
WP_PANCREATIC_ADENOCARCINOMA_PATHWAY, WP_PANCREATIC_ADENOCARCINOMA_PATHWAY
REACTOME_DEGRADATION_OF_GLI1_BY_THE_PROTEASOME, REACTOME_DEGRADATION_OF_GLI1_BY_THE_PROTEASOME
REACTOME_RAS_PROCESSING, REACTOME_RAS_PROCESSING
REACTOME_CYCLIN_D_ASSOCIATED_EVENTS_IN_G1, REACTOME_CYCLIN_D_ASSOCIATED_EVENTS_IN_G1
REACTOME_SIGNALING_BY_CSF3_G_CSF, REACTOME_SIGNALING_BY_CSF3_G_CSF
WP_HEPATITIS_B_INFECTION, WP_HEPATITIS_B_INFECTION
WP_PARKINUBIQUITIN_PROTEASOMAL_SYSTEM_PATHWAY, WP_PARKINUBIQUITIN_PROTEASOMAL_SYSTEM_PATHWAY
REACTOME_RIPK1_MEDIATED_REGULATED_NECROSIS, REACTOME_RIPK1_MEDIATED_REGULATED_NECROSIS
REACTOME_DISORDERS_OF_TRANSMEMBRANE_TRANSPORTERS, REACTOME_DISORDERS_OF_TRANSMEMBRANE_TRANSPORTERS
KEGG_NON_SMALL_CELL_LUNG_CANCER, KEGG_NON_SMALL_CELL_LUNG_CANCER
REACTOME_ABC_TRANSPORTER_DISORDERS, REACTOME_ABC_TRANSPORTER_DISORDERS
REACTOME NOD1 2 SIGNALING PATHWAY, REACTOME NOD1 2 SIGNALING PATHWAY
SIG_PIP3_SIGNALING_IN_B_LYMPHOCYTES, SIG_PIP3_SIGNALING_IN_B_LYMPHOCYTES
REACTOME MITOPHAGY, REACTOME MITOPHAGY
REACTOME_TERMINATION_OF_TRANSLESION_DNA_SYNTHESIS, REACTOME_TERMINATION_OF_TRANSLESION_DNA_SYNTHESIS
REACTOME_SARS_COV_2_INFECTION, REACTOME_SARS_COV_2_INFECTION
REACTOME_TRANSLESION_SYNTHESIS_BY_POLK, REACTOME_TRANSLESION_SYNTHESIS_BY_POLK
REACTOME TCR SIGNALING, REACTOME TCR SIGNALING
REACTOME REGULATION OF TNFR1 SIGNALING, REACTOME REGULATION OF TNFR1 SIGNALING
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ME S PHASE, REACTOME S PHASE
                                                                                     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
                                                                                    WP_GASTRIN_SIGNALING_PATHWAY, WP_GASTRIN_SIGNALING_PATHWAY
                                                                                     REACTOME_CD28_DEPENDENT_PI3K_AKT_SIGNALING, REACTOME_CD28_DEPENDENT_PI3K_AKT_SIGNALING
                                                                                     REACTOME_SENESCENCE_ASSOCIATED_SECRETORY_PHENOTYPE_SASP, REACTOME_SENESCENCE_ASSOCIATED_SECRETORY_PHENOTYPE_SASP
                                                                                    PID_PI3KCI_AKT_PATHWAY, PID_PI3KCI_AKT_PATHWAY
                                                                                     REACTOME MITOTIC TELOPHASE CYTOKINESIS, REACTOME MITOTIC TELOPHASE CYTOKINESIS
                                                                                    WP_NONSMALL_CELL_LUNG_CANCER, WP_NONSMALL_CELL_LUNG_CANCER
                                                                                    REACTOME_PCNA_DEPENDENT_LONG_PATCH_BASE_EXCISION_REPAIR, REACTOME_PCNA_DEPENDENT_LONG_PATCH_BASE_EXCISION_REPAIR
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REACTOME_ER_QUALITY_CONTROL_COMPARTMENT_ERQC, REACTOME_ER_QUALITY_CONTROL_COMPARTMENT_ERQC

REACTOME_REGULATION_OF_RUNX2_EXPRESSION_AND_ACTIVITY, REACTOME_REGULATION_OF_RUNX2_EXPRESSION_AND_ACTIVITY

REACTOME_SMAD2_SMAD3_SMAD4_HETEROTRIMER_REGULATES_TRANSCRIPTION, REACTOME_SMAD2_SMAD3_SMAD4_HETEROTRIMER_REGULATES_TRANSCRIPTION

REACTOME_INHIBITION_OF_REPLICATION_INITIATION_OF_DAMAGED_DNA_BY_RB1_E2F1, REACTOME_INHIBITION_OF_REPLICATION_INITIATION_OF_DAMAGED_DNA_BY_RB1_E2F1

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

WP_REGULATION_OF_SISTER_CHROMATID_SEPARATION_AT_THE_METAPHASEANAPHASE_TRANSITION, WP_REGULATION_OF_SISTER_CHROMATID_SEPARATION_AT_THE_METAPHASEANAPHASE_TRANSITION

REACTOME_RUNX1_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_DIFFERENTIATION_OF_HSCS, REACTOME_RUNX1_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_DIFFERENTIATION_OF_HSCS

REACTOME_TAK1_ACTIVATES_NFKB_BY_PHOSPHORYLATION_AND_ACTIVATION_OF_IKKS_COMPLEX, REACTOME_TAK1_ACTIVATES_NFKB_BY_PHOSPHORYLATION_AND_ACTIVATION_OF_IKKS_COMPLEX

WP_MAMMARY_GLAND_DEVELOPMENT_PATHWAY_EMBRYONIC_DEVELOPMENT_STAGE_1_OF_4, WP_MAMMARY_GLAND_DEVELOPMENT_PATHWAY_EMBRYONIC_DEVELOPMENT_STAGE_1_OF_4

REACTOME_ABERRANT_REGULATION_OF_MITOTIC_EXIT_IN_CANCER_DUE_TO_RB1_DEFECTS, REACTOME_ABERRANT_REGULATION_OF_MITOTIC_EXIT_IN_CANCER_DUE_TO_RB1_DEFECTS

WP_CHROMOSOMAL_AND_MICROSATELLITE_INSTABILITY_IN_COLORECTAL_CANCER, WP_CHROMOSOMAL_AND_MICROSATELLITE_INSTABILITY_IN_COLORECTAL_CANCER

WP_PI3KAKTMTOR_SIGNALING_PATHWAY_AND_THERAPEUTIC_OPPORTUNITIES, WP_PI3KAKTMTOR_SIGNALING_PATHWAY_AND_THERAPEUTIC_OPPORTUNITIES

REACTOME_PTK6_REGULATES_RTKS_AND_THEIR_EFFECTORS_AKT1_AND_DOK1, REACTOME_PTK6_REGULATES_RTKS_AND_THEIR_EFFECTORS_AKT1_AND_DOK1

REACTOME_TNFR1_INDUCED_NFKAPPAB_SIGNALING_PATHWAY, REACTOME_TNFR1_INDUCED_NFKAPPAB_SIGNALING_PATHWAY

WP_HEPATITIS_C_AND_HEPATOCELLULAR_CARCINOMA, WP_HEPATITIS_C_AND_HEPATOCELLULAR_CARCINOMA

REACTOME_PHOSPHORYLATION_OF_THE_APC_C, REACTOME_PHOSPHORYLATION_OF_THE_APC_C

REACTOME_RESPONSE_OF_MTB_TO_PHAGOCYTOSIS, REACTOME_RESPONSE_OF_MTB_TO_PHAGOCYTOSIS

WP_ARYL_HYDROCARBON_RECEPTOR_NETPATH, WP_ARYL_HYDROCARBON_RECEPTOR_NETPATH

REACTOME_TOLL_LIKE_RECEPTOR_TLR1_TLR2_CASCADE, REACTOME_TOLL_LIKE_RECEPTOR_TLR1_TLR2_CASCADE

KEGG_PROGESTERONE_MEDIATED_OOCYTE_MATURATION, KEGG_PROGESTERONE_MEDIATED_OOCYTE_MATURATION

REACTOME_IKK_COMPLEX_RECRUITMENT_MEDIATED_BY_RIP1, REACTOME_IKK_COMPLEX_RECRUITMENT_MEDIATED_BY_RIP1

REACTOME_MAP3K8_TPL2_DEPENDENT_MAPK1_3_ACTIVATION, REACTOME_MAP3K8_TPL2_DEPENDENT_MAPK1_3_ACTIVATION

REACTOME_CONSTITUTIVE_SIGNALING_BY_AKT1_E17K_IN_CANCER, REACTOME_CONSTITUTIVE_SIGNALING_BY_AKT1_E17K_IN_CANCER

REACTOME_CDC6_ASSOCIATION_WITH_THE_ORC_ORIGIN_COMPLEX, REACTOME_CDC6_ASSOCIATION_WITH_THE_ORC_ORIGIN_COMPLEX

REACTOME_ABC_FAMILY_PROTEINS_MEDIATED_TRANSPORT, REACTOME_ABC_FAMILY_PROTEINS_MEDIATED_TRANSPORT

REACTOME_TELOMERE_C_STRAND_SYNTHESIS_INITIATION, REACTOME_TELOMERE_C_STRAND_SYNTHESIS_INITIATION

REACTOME_TRANSCRIPTIONAL_REGULATION_BY_E2F6, REACTOME_TRANSCRIPTIONAL_REGULATION_BY_E2F6

REACTOME_INFECTION_WITH_MYCOBACTERIUM_TUBERCULOSIS, REACTOME_INFECTION_WITH_MYCOBACTERIUM_TUBERCULOSIS

REACTOME ESTABLISHMENT OF SISTER CHROMATID COHESION, REACTOME ESTABLISHMENT OF SISTER CHROMATID COHESION

REACTOME_REGULATION_OF_GENE_EXPRESSION_IN_BETA_CELLS, REACTOME_REGULATION_OF_GENE_EXPRESSION_IN_BETA_CELLS

REACTOME_NEGATIVE_REGULATION_OF_FLT3, REACTOME_NEGATIVE_REGULATION_OF_FLT3

REACTOME_CTLA4_INHIBITORY_SIGNALING, REACTOME_CTLA4_INHIBITORY_SIGNALING

REACTOME_IRON_UPTAKE_AND_TRANSPORT, REACTOME_IRON_UPTAKE_AND_TRANSPORT

BIOCARTA_CELLCYCLE_PATHWAY, BIOCARTA_CELLCYCLE_PATHWAY

BIOCARTA_RACCYCD_PATHWAY, BIOCARTA_RACCYCD_PATHWAY

REACTOME_UNWINDING_OF_DNA, REACTOME_UNWINDING_OF_DNA

KEGG_P53_SIGNALING_PATHWAY, KEGG_P53_SIGNALING_PATHWAY

KEGG_ERBB_SIGNALING_PATHWAY, KEGG_ERBB_SIGNALING_PATHWAY

REACTOME_CD28_CO_STIMULATION, REACTOME_CD28_CO_STIMULATION

REACTOME POLYMERASE_SWITCHING, REACTOME_POLYMERASE_SWITCHING

REACTOME_HEDGEHOG_ON_STATE, REACTOME_HEDGEHOG_ON_STATE

BIOCARTA_P53_PATHWAY, BIOCARTA_P53_PATHWAY

PID_FOXO_PATHWAY, PID_FOXO_PATHWAY

PID_FOXM1_PATHWAY, PID_FOXM1_PATHWAY

REACTOME SIGNALING BY HEDGEHOG, REACTOME SIGNALING BY HEDGEHOG

REACTOME_P75NTR_SIGNALS_VIA_NF_KB, REACTOME_P75NTR_SIGNALS_VIA_NF_KB