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REACTOME_SIRT1_NEGATIVELY_REGULATES_RRNA_EXPRESSION, REACTOME_SIRT1_NEGATIVELY_REGULATES_RRNA_EXPRESSION
                                                                REACTOME_ERCC6_CSB_AND_EHMT2_G9A_POSITIVELY_REGULATE_RRNA_EXPRESSION, REACTOME_ERCC6_CSB_AND_EHMT2_G9A_POSITIVELY_REGULATE_RRNA_EXPRESSION
                                                                REACTOME_FORMATION_OF_THE_BETA_CATENIN_TCF_TRANSACTIVATING_COMPLEX, REACTOME_FORMATION_OF_THE_BETA_CATENIN_TCF_TRANSACTIVATING_COMPLEX
                                                                 KEGG_ENDOCYTOSIS, KEGG_ENDOCYTOSIS
                                                                 REACTOME_ACTIVATED_PKN1_STIMULATES_TRANSCRIPTION_OF_AR_ANDROGEN_RECEPTOR_REGULATED_GENES_KLK2_AND_KLK3, REACTOME_ACTIVATED_PKN1_STIMULATES_TRANSCRIPTION_OF_AR_ANDROGEN_RECEPTOR_REGULATE
                                                                 KOBAYASHI EGFR SIGNALING 24HR UP, KOBAYASHI EGFR SIGNALING 24HR UP
                                                                 REACTOME_ANCHORING_OF_THE_BASAL_BODY_TO_THE_PLASMA_MEMBRANE, REACTOME_ANCHORING_OF_THE_BASAL_BODY_TO_THE_PLASMA_MEMBRANE
                                                                 REACTOME_HDACS_DEACETYLATE_HISTONES, REACTOME_HDACS_DEACETYLATE_HISTONES
                                                                 REACTOME_BASE_EXCISION_REPAIR_AP_SITE_FORMATION, REACTOME_BASE_EXCISION_REPAIR_AP_SITE_FORMATION
                                                                 REACTOME_RECOGNITION_AND_ASSOCIATION_OF_DNA_GLYCOSYLASE_WITH_SITE_CONTAINING_AN_AFFECTED_PURINE, REACTOME_RECOGNITION_AND_ASSOCIATION_OF_DNA_GLYCOSYLASE_WITH_SITE_CONTAINING_AN_AFFECTED_I
                                                                 REACTOME_RMTS_METHYLATE_HISTONE_ARGININES, REACTOME_RMTS_METHYLATE_HISTONE_ARGININES
                                                                 REACTOME_NEGATIVE_EPIGENETIC_REGULATION_OF_RRNA_EXPRESSION, REACTOME_NEGATIVE_EPIGENETIC_REGULATION_OF_RRNA_EXPRESSION
                                                                 REACTOME_SARS_COV_INFECTIONS, REACTOME_SARS_COV_INFECTIONS
                                                                 REACTOME_MEIOSIS, REACTOME_MEIOSIS
                                                                 REACTOME_TRANSCRIPTIONAL_REGULATION_OF_GRANULOPOIESIS, REACTOME_TRANSCRIPTIONAL_REGULATION_OF_GRANULOPOIESIS
                                                                 REACTOME_DNA_METHYLATION, REACTOME_DNA_METHYLATION
                                                                 REACTOME MEIOTIC RECOMBINATION, REACTOME MEIOTIC RECOMBINATION
                                                                 REACTOME_CONDENSATION_OF_PROPHASE_CHROMOSOMES, REACTOME_CONDENSATION_OF_PROPHASE_CHROMOSOMES
                                                                 REACTOME_MEIOTIC_SYNAPSIS, REACTOME_MEIOTIC_SYNAPSIS
                                                                 REACTOME_RESOLUTION_OF_SISTER_CHROMATID_COHESION, REACTOME_RESOLUTION_OF_SISTER_CHROMATID_COHESION
                                                                 REACTOME_PRC2_METHYLATES_HISTONES_AND_DNA, REACTOME_PRC2_METHYLATES_HISTONES_AND_DNA
                                                                 REACTOME\_RUNX1\_REGULATES\_GENES\_INVOLVED\_IN\_MEGAKARYOCYTE\_DIFFERENTIATION\_AND\_PLATELET\_FUNCTION, REACTOME\_RUNX1\_REGULATES\_GENES\_INVOLVED\_IN\_MEGAKARYOCYTE\_DIFFERENTIATION\_AND\_PLATELET\_FUNCTION
                                                                 REACTOME_PKMTS_METHYLATE_HISTONE_LYSINES, REACTOME_PKMTS_METHYLATE_HISTONE_LYSINES
                                                                 REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ACETYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ACETYLATION
                                                                 REACTOME_AURKA_ACTIVATION_BY_TPX2, REACTOME_AURKA_ACTIVATION_BY_TPX2
                                                                REACTOME_DEPOSITION_OF_NEW_CENPA_CONTAINING_NUCLEOSOMES_AT_THE_CENTROMERE, REACTOME_DEPOSITION_OF_NEW_CENPA_CONTAINING_NUCLEOSOMES_AT_THE_CENTROMERE
                                                                REACTOME_TRANSCRIPTIONAL_ACTIVATION_OF_MITOCHONDRIAL_BIOGENESIS, REACTOME_TRANSCRIPTIONAL_ACTIVATION_OF_MITOCHONDRIAL_BIOGENESIS
                                                                REACTOME_RHO_GTPASES_ACTIVATE_FORMINS, REACTOME_RHO_GTPASES_ACTIVATE_FORMINS
CMV_INFECTION, REACTOME_HCMV_INFECTION
                                                                REACTOME_RHO_GTPASES_ACTIVATE_PKNS, REACTOME_RHO_GTPASES_ACTIVATE_PKNS
                                                                WHITFIELD_CELL_CYCLE_G2, WHITFIELD_CELL_CYCLE_G2
                                                                 REACTOME_CARBOXYTERMINAL_POST_TRANSLATIONAL_MODIFICATIONS_OF_TUBULIN, REACTOME_CARBOXYTERMINAL_POST_TRANSLATIONAL_MODIFICATIONS_OF_TUBULIN
                                                                 REACTOME_L1CAM_INTERACTIONS, REACTOME_L1CAM_INTERACTIONS
                                                                 REACTOME_REPRODUCTION, REACTOME_REPRODUCTION
                                                                 REACTOME_REGULATION_OF_LIPID_METABOLISM_BY_PPARALPHA, REACTOME_REGULATION_OF_LIPID_METABOLISM_BY_PPARALPHA
                                                                 REACTOME_RECRUITMENT_OF_MITOTIC_CENTROSOME_PROTEINS_AND_COMPLEXES, REACTOME_RECRUITMENT_OF_MITOTIC_CENTROSOME_PROTEINS_AND_COMPLEXES
                                                                 BIOCARTA_MAPK_PATHWAY, BIOCARTA_MAPK_PATHWAY
                                                                 MANNE_COVID19_ICU_VS_HEALTHY_DONOR_PLATELETS_DN, MANNE_COVID19_ICU_VS_HEALTHY_DONOR_PLATELETS_DN
                                                                 PID_ANGIOPOIETIN_RECEPTOR_PATHWAY, PID_ANGIOPOIETIN_RECEPTOR_PATHWAY
                                                                 REACTOME REGULATION OF PTEN GENE TRANSCRIPTION, REACTOME REGULATION OF PTEN GENE TRANSCRIPTION
                                                                 SCHEIDEREIT IKK TARGETS, SCHEIDEREIT IKK TARGETS
                                                                 REACTOME_NOTCH_HLH_TRANSCRIPTION_PATHWAY, REACTOME_NOTCH_HLH_TRANSCRIPTION_PATHWAY
                                                                 REACTOME_GOLGI_TO_ER_RETROGRADE_TRANSPORT, REACTOME_GOLGI_TO_ER_RETROGRADE_TRANSPORT
                                                                 PID_MYC_REPRESS_PATHWAY, PID_MYC_REPRESS_PATHWAY
                                                                 REACTOME_GAP_JUNCTION_ASSEMBLY, REACTOME_GAP_JUNCTION_ASSEMBLY
                                                                 BYSTROEM_CORRELATED_WITH_IL5_UP, BYSTROEM_CORRELATED_WITH_IL5_UP
                                                                 HASLINGER B CLL WITH 6Q21 DELETION, HASLINGER B CLL WITH 6Q21 DELETION
                                                                 REACTOME_RECRUITMENT_OF_NUMA_TO_MITOTIC_CENTROSOMES, REACTOME_RECRUITMENT_OF_NUMA_TO_MITOTIC_CENTROSOMES
                                                                 WP_EBOLA_VIRUS_PATHWAY_ON_HOST, WP_EBOLA_VIRUS_PATHWAY_ON_HOST
                                                                 APPIERTO_RESPONSE_TO_FENRETINIDE_DN, APPIERTO_RESPONSE_TO_FENRETINIDE_DN
                                                                 ROSS AML WITH AML1 ETO FUSION, ROSS AML WITH AML1 ETO FUSION
                                                                REACTOME_TRANSCRIPTIONAL_REGULATION_OF_WHITE_ADIPOCYTE_DIFFERENTIATION, REACTOME_TRANSCRIPTIONAL_REGULATION_OF_WHITE_ADIPOCYTE_DIFFERENTIATION
                                                                HUMMEL_BURKITTS_LYMPHOMA_UP, HUMMEL_BURKITTS_LYMPHOMA_UP
                                                                REACTOME_TRANSPORT_OF_CONNEXONS_TO_THE_PLASMA_MEMBRANE, REACTOME_TRANSPORT_OF_CONNEXONS_TO_THE_PLASMA_MEMBRANE
                                                                WP_ESTROGEN_SIGNALING_PATHWAY, WP_ESTROGEN_SIGNALING_PATHWAY
                                                                REACTOME_RECYCLING_PATHWAY_OF_L1, REACTOME_RECYCLING_PATHWAY_OF_L1
                                                                REACTOME_POST_CHAPERONIN_TUBULIN_FOLDING_PATHWAY, REACTOME_POST_CHAPERONIN_TUBULIN_FOLDING_PATHWAY
                                                                REACTOME_NR1H3_NR1H2_REGULATE_GENE_EXPRESSION_LINKED_TO_CHOLESTEROL_TRANSPORT_AND_EFFLUX, REACTOME_NR1H3_NR1H2_REGULATE_GENE_EXPRESSION_LINKED_TO_CHOLESTEROL_TRANSPORT_AND_EFFLUX
                                                                WP_HISTONE_MODIFICATIONS, WP_HISTONE_MODIFICATIONS
                                                                 ACEVEDO_LIVER_CANCER_WITH_H3K9ME3_DN, ACEVEDO_LIVER_CANCER_WITH_H3K9ME3_DN
                                                                WP_INTERACTOME_OF_POLYCOMB_REPRESSIVE_COMPLEX_2_PRC2, WP_INTERACTOME_OF_POLYCOMB_REPRESSIVE_COMPLEX_2_PRC2
                                                                PID_HDAC_CLASSII_PATHWAY, PID_HDAC_CLASSII_PATHWAY
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REACTOME_HCMV_EARLY_EVENTS, REACTOME_HCMV_EARLY_EVENTS

REACTOME_HATS_ACETYLATE_HISTONES, REACTOME_HATS_ACETYLATE_HISTONES

REACTOME_RNA_POLYMERASE_I_PROMOTER_ESCAPE, REACTOME_RNA_POLYMERASE_I_PROMOTER_ESCAPE

REACTOME_RNA_POLYMERASE_I_TRANSCRIPTION, REACTOME_RNA_POLYMERASE_I_TRANSCRIPTION

NOUZOVA_TRETINOIN_AND_H4_ACETYLATION, NOUZOVA_TRETINOIN_AND_H4_ACETYLATION

REACTOME_HCMV_LATE_EVENTS, REACTOME_HCMV_LATE_EVENTS