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REACTOME_HATS_ACETYLATE_HISTONES, REACTOME_HATS_ACETYLATE_HISTONES
REACTOME_EPIGENETIC_REGULATION_OF_GENE_EXPRESSION, REACTOME_EPIGENETIC_REGULATION_OF_GENE_EXPRESSION
WP_DNA_REPAIR_PATHWAYS_FULL_NETWORK, WP_DNA_REPAIR_PATHWAYS_FULL_NETWORK
REACTOME_HCMV_INFECTION, REACTOME_HCMV_INFECTION
REACTOME_HDACS_DEACETYLATE_HISTONES, REACTOME_HDACS_DEACETYLATE_HISTONES
KEGG_UBIQUITIN_MEDIATED_PROTEOLYSIS, KEGG_UBIQUITIN_MEDIATED_PROTEOLYSIS
REACTOME_FORMATION_OF_INCISION_COMPLEX_IN_GG_NER, REACTOME_FORMATION_OF_INCISION_COMPLEX_IN_GG_NER
PID_P53_REGULATION_PATHWAY, PID_P53_REGULATION_PATHWAY
PID_TELOMERASE_PATHWAY, PID_TELOMERASE_PATHWAY
REACTOME_NEGATIVE_EPIGENETIC_REGULATION_OF_RRNA_EXPRESSION, REACTOME_NEGATIVE_EPIGENETIC_REGULATION_OF_RRNA_EXPRESSION
REACTOME_RNA_POLYMERASE_I_TRANSCRIPTION, REACTOME_RNA_POLYMERASE_I_TRANSCRIPTION
REACTOME_ERCC6_CSB_AND_EHMT2_G9A_POSITIVELY_REGULATE_RRNA_EXPRESSION, REACTOME_ERCC6_CSB_AND_EHMT2_G9A_POSITIVELY_REGULATE_RRNA_EXPRESSION
WP_TGFBETA_SIGNALING_PATHWAY, WP_TGFBETA_SIGNALING_PATHWAY
KEGG CHRONIC MYELOID LEUKEMIA, KEGG CHRONIC MYELOID LEUKEMIA
REACTOME_SARS_COV_INFECTIONS, REACTOME_SARS_COV_INFECTIONS
PID_AR_PATHWAY, PID_AR_PATHWAY
REACTOME_DNA_DOUBLE_STRAND_BREAK_RESPONSE, REACTOME_DNA_DOUBLE_STRAND_BREAK_RESPONSE
PID_P53_DOWNSTREAM_PATHWAY, PID_P53_DOWNSTREAM_PATHWAY
PID_MYC_ACTIV_PATHWAY, PID_MYC_ACTIV_PATHWAY
KEGG_NUCLEOTIDE_EXCISION_REPAIR, KEGG_NUCLEOTIDE_EXCISION_REPAIR
REACTOME_PKMTS_METHYLATE_HISTONE_LYSINES, REACTOME_PKMTS_METHYLATE_HISTONE_LYSINES
LAU_APOPTOSIS_CDKN2A_UP, LAU_APOPTOSIS_CDKN2A_UP
BYSTROEM_CORRELATED_WITH_IL5_DN, BYSTROEM_CORRELATED_WITH_IL5_DN
REACTOME_NONHOMOLOGOUS_END_JOINING_NHEJ, REACTOME_NONHOMOLOGOUS_END_JOINING_NHEJ
WP_NUCLEOTIDE_EXCISION_REPAIR, WP_NUCLEOTIDE_EXCISION_REPAIR
GAZDA_DIAMOND_BLACKFAN_ANEMIA_PROGENITOR_DN, GAZDA_DIAMOND_BLACKFAN_ANEMIA_PROGENITOR_DN
REACTOME_DNA_METHYLATION, REACTOME_DNA_METHYLATION
WP_SIGNALING_PATHWAYS_IN_GLIOBLASTOMA, WP_SIGNALING_PATHWAYS_IN_GLIOBLASTOMA
REACTOME_RHO_GTPASES_ACTIVATE_PKNS, REACTOME_RHO_GTPASES_ACTIVATE_PKNS
REACTOME_FORMATION_OF_THE_BETA_CATENIN_TCF_TRANSACTIVATING_COMPLEX, REACTOME_FORMATION_OF_THE_BETA_CATENIN_TCF_TRANSACTIVATING_COMPLEX
REACTOME_ACTIVATED_PKN1_STIMULATES_TRANSCRIPTION_OF_AR_ANDROGEN_RECEPTOR_REGULATED_GENES_KLK2_AND_KLK3, REACTOME_ACTIVATED_PKN1_STIMULATES_TRANSCRIPTION_OF_AR_ANDROGEN_RECEPTOR_REGULATED
REACTOME_RMTS_METHYLATE_HISTONE_ARGININES, REACTOME_RMTS_METHYLATE_HISTONE_ARGININES
WP_RANKLRANK_RECEPTOR_ACTIVATOR_OF_NFKB_LIGAND_SIGNALING_PATHWAY, WP_RANKLRANK_RECEPTOR_ACTIVATOR_OF_NFKB_LIGAND_SIGNALING_PATHWAY
REACTOME_PRE_NOTCH_EXPRESSION_AND_PROCESSING, REACTOME_PRE_NOTCH_EXPRESSION_AND_PROCESSING
REACTOME_POTENTIAL_THERAPEUTICS_FOR_SARS, REACTOME_POTENTIAL_THERAPEUTICS_FOR_SARS
KEGG_SMALL_CELL_LUNG_CANCER, KEGG_SMALL_CELL_LUNG_CANCER
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_RUNX1_INTERACTS_WITH_CO_FACTORS_WHOSE_PRECISE_EFFECT_ON_RUNX1_TARGETS_IS_NOT_KNOWN, REACTOME_RUNX1_INTERACTS_WITH_CO_FACTORS_WHOSE_PRECISE_EFFECT_ON_RUNX1_TARGETS_IS_NOT_KNOWN
REACTOME_SIRT1_NEGATIVELY_REGULATES_RRNA_EXPRESSION, REACTOME_SIRT1_NEGATIVELY_REGULATES_RRNA_EXPRESSION
WP_THE_EFFECT_OF_PROGERIN_ON_THE_INVOLVED_GENES_IN_HUTCHINSONGILFORD_PROGERIA_SYNDROME, WP_THE_EFFECT_OF_PROGERIN_ON_THE_INVOLVED_GENES_IN_HUTCHINSONGILFORD_PROGERIA_SYNDROME
REACTOME_MISMATCH_REPAIR, REACTOME_MISMATCH_REPAIR
CROMER_METASTASIS_UP, CROMER_METASTASIS_UP
REACTOME_HDMS_DEMETHYLATE_HISTONES, REACTOME_HDMS_DEMETHYLATE_HISTONES
REACTOME REGULATION_OF_PTEN_GENE_TRANSCRIPTION, REACTOME_REGULATION_OF_PTEN_GENE_TRANSCRIPTION
BIOCARTA_STRESS_PATHWAY, BIOCARTA_STRESS_PATHWAY
WP_SENESCENCE_AND_AUTOPHAGY_IN_CANCER, WP_SENESCENCE_AND_AUTOPHAGY_IN_CANCER
RASHI_RESPONSE_TO_IONIZING_RADIATION_2, RASHI_RESPONSE_TO_IONIZING_RADIATION_2
WP_22Q112_COPY_NUMBER_VARIATION_SYNDROME, WP_22Q112_COPY_NUMBER_VARIATION_SYNDROME
REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ACETYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ACETYLATION
REACTOME RUNX1 REGULATES GENES INVOLVED IN MEGAKARYOCYTE DIFFERENTIATION AND PLATELET FUNCTION, REACTOME RUNX1 REGULATES GENES INVOLVED IN MEGAKARYOCYTE DIFFERENTIATION AND PLATELET FUNC
REACTOME_REGULATION_OF_LIPID_METABOLISM_BY_PPARALPHA, REACTOME_REGULATION_OF_LIPID_METABOLISM_BY_PPARALPHA
PID HDAC_CLASSI_PATHWAY, PID_HDAC_CLASSI_PATHWAY
PID_HEDGEHOG_GLI_PATHWAY, PID_HEDGEHOG_GLI_PATHWAY
REACTOME_RESOLUTION_OF_ABASIC_SITES_AP_SITES, REACTOME_RESOLUTION_OF_ABASIC_SITES_AP_SITES
WP_PATHWAYS_AFFECTED_IN_ADENOID_CYSTIC_CARCINOMA, WP_PATHWAYS_AFFECTED_IN_ADENOID_CYSTIC_CARCINOMA
SCHLESINGER_METHYLATED_DE_NOVO_IN_CANCER, SCHLESINGER_METHYLATED_DE_NOVO_IN_CANCER
WP_EBOLA_VIRUS_PATHWAY_ON_HOST, WP_EBOLA_VIRUS_PATHWAY_ON_HOST
REACTOME_SUMOYLATION_OF_TRANSCRIPTION_COFACTORS, REACTOME_SUMOYLATION_OF_TRANSCRIPTION_COFACTORS
WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_INTERFERON_INDUCTION, WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_INTERFERON_INDUCTION
KEGG_PANCREATIC_CANCER, KEGG_PANCREATIC_CANCER
KEGG_THYROID_CANCER, KEGG_THYROID_CANCER
BIOCARTA_HIVNEF_PATHWAY, BIOCARTA_HIVNEF_PATHWAY
JACKSON_DNMT1_TARGETS_UP, JACKSON_DNMT1_TARGETS_UP
PARK_HSC_AND_MULTIPOTENT_PROGENITORS, PARK_HSC_AND_MULTIPOTENT_PROGENITORS
REACTOME_REGULATION_OF_CHOLESTEROL_BIOSYNTHESIS_BY_SREBP_SREBF, REACTOME_REGULATION_OF_CHOLESTEROL_BIOSYNTHESIS_BY_SREBP_SREBF
REACTOME_SARS_COV_2_INFECTION, REACTOME_SARS_COV_2_INFECTION
PID_CASPASE_PATHWAY, PID_CASPASE_PATHWAY
BIOCARTA_NFKB_PATHWAY, BIOCARTA_NFKB_PATHWAY
WP_NOVEL_INTRACELLULAR_COMPONENTS_OF_RIGILIKE_RECEPTOR_RLR_PATHWAY, WP_NOVEL_INTRACELLULAR_COMPONENTS_OF_RIGILIKE_RECEPTOR_RLR_PATHWAY
KEGG_PROSTATE_CANCER, KEGG_PROSTATE_CANCER
WP_GLUCOCORTICOID_RECEPTOR_PATHWAY, WP_GLUCOCORTICOID_RECEPTOR_PATHWAY
SCIAN_INVERSED_TARGETS_OF_TP53_AND_TP73_DN, SCIAN_INVERSED_TARGETS_OF_TP53_AND_TP73_DN
WP_ONCOSTATIN_M_SIGNALING_PATHWAY, WP_ONCOSTATIN_M_SIGNALING_PATHWAY
WP_HISTONE_MODIFICATIONS, WP_HISTONE_MODIFICATIONS
REACTOME_AMYLOID_FIBER_FORMATION, REACTOME_AMYLOID_FIBER_FORMATION
WP_ADIPOGENESIS, WP_ADIPOGENESIS
PID_BARD1_PATHWAY, PID_BARD1_PATHWAY
SIG_CD40PATHWAYMAP, SIG_CD40PATHWAYMAP
FIRESTEIN_PROLIFERATION, FIRESTEIN_PROLIFERATION
WP_ENERGY_METABOLISM, WP_ENERGY_METABOLISM
BIOCARTA_CTCF_PATHWAY, BIOCARTA_CTCF_PATHWAY
WP_PPAR_SIGNALING_PATHWAY, WP_PPAR_SIGNALING_PATHWAY
WP_FARNESOID_X_RECEPTOR_PATHWAY, WP_FARNESOID_X_RECEPTOR_PATHWAY
PID_IFNG_PATHWAY, PID_IFNG_PATHWAY
RUAN_RESPONSE_TO_TNF_DN, RUAN_RESPONSE_TO_TNF_DN
WP_BREAST_CANCER_PATHWAY, WP_BREAST_CANCER_PATHWAY
FRIDMAN_SENESCENCE_UP, FRIDMAN_SENESCENCE_UP
REACTOME_ESTABLISHMENT_OF_SISTER_CHROMATID_COHESION, REACTOME_ESTABLISHMENT_OF_SISTER_CHROMATID_COHESION
KEGG APOPTOSIS, KEGG APOPTOSIS
WP_BASE_EXCISION_REPAIR, WP_BASE_EXCISION_REPAIR
BIOCARTA_ETS_PATHWAY, BIOCARTA_ETS_PATHWAY
WP_BLADDER_CANCER, WP_BLADDER_CANCER
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UMOYLATION, REACTOME_SUMOYLATION

REACTOME_HEME_SIGNALING, REACTOME_HEME_SIGNALING

KEGG WNT SIGNALING PATHWAY, KEGG WNT SIGNALING PATHWAY

PID_PS1_PATHWAY, PID_PS1_PATHWAY PID_TAP63_PATHWAY, PID_TAP63_PATHWAY

REACTOME SUMOYLATION OF DNA METHYLATION PROTEINS, REACTOME SUMOYLATION OF DNA METHYLATION PROTEINS REACTOME_NR1H2_NR1H3_REGULATE_GENE_EXPRESSION_TO_LIMIT_CHOLESTEROL_UPTAKE, REACTOME_NR1H2_NR1H3_REGULATE_GENE_EXPRESSION_TO_LIMIT_CHOLESTEROL_UPTAKE

KEGG_PPAR_SIGNALING_PATHWAY, KEGG_PPAR_SIGNALING_PATHWAY WP_MIRNA_REGULATION_OF_PROSTATE_CANCER_SIGNALING_PATHWAYS, WP_MIRNA_REGULATION_OF_PROSTATE_CANCER_SIGNALING_PATHWAYS

REACTOME_CIRCADIAN_CLOCK, REACTOME_CIRCADIAN_CLOCK IVANOVA_HEMATOPOIESIS_STEM_CELL, IVANOVA_HEMATOPOIESIS_STEM_CELL

REACTOME_ACTIVATION_OF_GENE_EXPRESSION_BY_SREBF_SREBP, REACTOME_ACTIVATION_OF_GENE_EXPRESSION_BY_SREBF_SREBP

WP_ETHANOL_EFFECTS_ON_HISTONE_MODIFICATIONS, WP_ETHANOL_EFFECTS_ON_HISTONE_MODIFICATIONS WP_APOPTOSIS_MODULATION_AND_SIGNALING, WP_APOPTOSIS_MODULATION_AND_SIGNALING

REACTOME_TRANSCRIPTIONAL_REGULATION_OF_WHITE_ADIPOCYTE_DIFFERENTIATION, REACTOME_TRANSCRIPTIONAL_REGULATION_OF_WHITE_ADIPOCYTE_DIFFERENTIATION PID_NFKAPPAB_CANONICAL_PATHWAY, PID_NFKAPPAB_CANONICAL_PATHWAY

REACTOME SUMOYLATION OF IMMUNE RESPONSE PROTEINS, REACTOME SUMOYLATION OF IMMUNE RESPONSE PROTEINS REACTOME_TRAF6_MEDIATED_IRF7_ACTIVATION, REACTOME_TRAF6_MEDIATED_IRF7_ACTIVATION

REACTOME NOTCH HLH TRANSCRIPTION PATHWAY, REACTOME NOTCH HLH TRANSCRIPTION PATHWAY PID_HDAC_CLASSII_PATHWAY, PID_HDAC_CLASSII_PATHWAY

HOQUE_METHYLATED_IN_CANCER, HOQUE_METHYLATED_IN_CANCER

WP_APOPTOSIS, WP_APOPTOSIS

KEGG_NON_SMALL_CELL_LUNG_CANCER, KEGG_NON_SMALL_CELL_LUNG_CANCER HOFMANN_CELL_LYMPHOMA_DN, HOFMANN_CELL_LYMPHOMA_DN

ZHU_CMV_ALL_DN, ZHU_CMV_ALL_DN REACTOME_ZBP1_DAI_MEDIATED_INDUCTION_OF_TYPE_I_IFNS, REACTOME_ZBP1_DAI_MEDIATED_INDUCTION_OF_TYPE_I_IFNS

KEGG_BLADDER_CANCER, KEGG_BLADDER_CANCER

BIOCARTA_CARM_ER_PATHWAY, BIOCARTA_CARM_ER_PATHWAY REACTOME_RIP_MEDIATED_NFKB_ACTIVATION_VIA_ZBP1, REACTOME_RIP_MEDIATED_NFKB_ACTIVATION_VIA_ZBP1

PID_BETA_CATENIN_NUC_PATHWAY, PID_BETA_CATENIN_NUC_PATHWAY

KEGG_ADIPOCYTOKINE_SIGNALING_PATHWAY, KEGG_ADIPOCYTOKINE_SIGNALING_PATHWAY DORN_ADENOVIRUS_INFECTION_24HR_DN, DORN_ADENOVIRUS_INFECTION_24HR_DN

WP_THYMIC_STROMAL_LYMPHOPOIETIN_TSLP_SIGNALING_PATHWAY, WP_THYMIC_STROMAL_LYMPHOPOIETIN_TSLP_SIGNALING_PATHWAY WP_STING_PATHWAY_IN_KAWASAKILIKE_DISEASE_AND_COVID19, WP_STING_PATHWAY_IN_KAWASAKILIKE_DISEASE_AND_COVID19

PID_NFKAPPAB_ATYPICAL_PATHWAY, PID_NFKAPPAB_ATYPICAL_PATHWAY

KEGG_BASE_EXCISION_REPAIR, KEGG_BASE_EXCISION_REPAIR REACTOME_SIGNALING_BY_NOTCH1, REACTOME_SIGNALING_BY_NOTCH1

REACTOME_PROCESSIVE_SYNTHESIS_ON_THE_LAGGING_STRAND, REACTOME_PROCESSIVE_SYNTHESIS_ON_THE_LAGGING_STRAND

REACTOME_NR1H3_NR1H2_REGULATE_GENE_EXPRESSION_LINKED_TO_CHOLESTEROL_TRANSPORT_AND_EFFLUX, REACTOME_NR1H3_NR1H2_REGULATE_GENE_EXPRESSION_LINKED_TO_CHOLESTEROL_TRANSPORT_AND_EFFLUX

DORN_ADENOVIRUS_INFECTION_48HR_UP, DORN_ADENOVIRUS_INFECTION_48HR_UP

BIOCARTA_P53HYPOXIA_PATHWAY, BIOCARTA_P53HYPOXIA_PATHWAY BIOCARTA_NTHI_PATHWAY, BIOCARTA_NTHI_PATHWAY

LIU_TOPBP1_TARGETS, LIU_TOPBP1_TARGETS

REACTOME_DDX58_IFIH1_MEDIATED_INDUCTION_OF_INTERFERON_ALPHA_BETA, REACTOME_DDX58_IFIH1_MEDIATED_INDUCTION_OF_INTERFERON_ALPHA_BETA

KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY, KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY WP_MAMMALIAN_DISORDER_OF_SEXUAL_DEVELOPMENT, WP_MAMMALIAN_DISORDER_OF_SEXUAL_DEVELOPMENT

WP_TNF_RELATED_WEAK_INDUCER_OF_APOPTOSIS_TWEAK_SIGNALING_PATHWAY, WP_TNF_RELATED_WEAK_INDUCER_OF_APOPTOSIS_TWEAK_SIGNALING_PATHWAY BIOCARTA_WNT_PATHWAY, BIOCARTA_WNT_PATHWAY

REACTOME_VLDLR_INTERNALISATION_AND_DEGRADATION, REACTOME_VLDLR_INTERNALISATION_AND_DEGRADATION

WP_TYPE_I_INTERFERON_INDUCTION_AND_SIGNALING_DURING_SARSCOV2_INFECTION, WP_TYPE_I_INTERFERON_INDUCTION_AND_SIGNALING_DURING_SARSCOV2_INFECTION

NGO_MALIGNANT_GLIOMA_1P_LOH, NGO_MALIGNANT_GLIOMA_1P_LOH BIOCARTA_TOLL_PATHWAY, BIOCARTA_TOLL_PATHWAY