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REACTOME_HOMOLOGY_DIRECTED_REPAIR, REACTOME_HOMOLOGY_DIRECTED_REPAIR
 GOBP_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GOBP_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR
REACTOME_SUMOYLATION, REACTOME_SUMOYLATION
WP_DNA_REPAIR_PATHWAYS_FULL_NETWORK, WP_DNA_REPAIR_PATHWAYS_FULL_NETWORK
GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_24H_DN, GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_24H_DN
REACTOME_HATS_ACETYLATE_HISTONES, REACTOME_HATS_ACETYLATE_HISTONES
REACTOME_REGULATION_OF_TP53_ACTIVITY, REACTOME_REGULATION_OF_TP53_ACTIVITY
GOBP_RECOMBINATIONAL_REPAIR, GOBP_RECOMBINATIONAL_REPAIR
REACTOME_HCMV_LATE_EVENTS, REACTOME_HCMV_LATE_EVENTS
REACTOME_ESTROGEN_DEPENDENT_GENE_EXPRESSION, REACTOME_ESTROGEN_DEPENDENT_GENE_EXPRESSION
GOMF MODIFICATION DEPENDENT PROTEIN BINDING, GOMF MODIFICATION DEPENDENT PROTEIN BINDING
REACTOME_EPIGENETIC_REGULATION_OF_GENE_EXPRESSION, REACTOME_EPIGENETIC_REGULATION_OF_GENE_EXPRESSION
REACTOME HCMV INFECTION, REACTOME HCMV INFECTION
GOBP_CHROMATIN_ORGANIZATION_INVOLVED_IN_REGULATION_OF_TRANSCRIPTION, GOBP_CHROMATIN_ORGANIZATION_INVOLVED_IN_REGULATION_OF_TRANSCRIPTION
REACTOME GENE SILENCING BY RNA, REACTOME GENE SILENCING BY RNA
GSE1448_CTRL_VS_ANTI_VALPHA2_DP_THYMOCYTE_UP, GSE1448_CTRL_VS_ANTI_VALPHA2_DP_THYMOCYTE_UP
REACTOME_TRANSCRIPTIONAL_REGULATION_BY_SMALL_RNAS, REACTOME_TRANSCRIPTIONAL_REGULATION_BY_SMALL_RNAS
REACTOME_HDACS_DEACETYLATE_HISTONES, REACTOME_HDACS_DEACETYLATE_HISTONES
REACTOME_PROCESSING_OF_DNA_DOUBLE_STRAND_BREAK_ENDS, REACTOME_PROCESSING_OF_DNA_DOUBLE_STRAND_BREAK_ENDS
REACTOME HCMV EARLY EVENTS, REACTOME HCMV EARLY EVENTS
GSE12845_IGD_POS_BLOOD_VS_NAIVE_TONSIL_BCELL_UP, GSE12845_IGD_POS_BLOOD_VS_NAIVE_TONSIL_BCELL_UP
REACTOME_TRANSCRIPTION_COUPLED_NUCLEOTIDE_EXCISION_REPAIR_TC_NER, REACTOME_TRANSCRIPTION_COUPLED_NUCLEOTIDE_EXCISION_REPAIR_TC_NER
GOBP_TRANSCRIPTION_COUPLED_NUCLEOTIDE_EXCISION_REPAIR, GOBP_TRANSCRIPTION_COUPLED_NUCLEOTIDE_EXCISION_REPAIR
GOBP_NON_RECOMBINATIONAL_REPAIR, GOBP_NON_RECOMBINATIONAL_REPAIR
REACTOME HDR THROUGH HOMOLOGOUS RECOMBINATION HRR, REACTOME HDR THROUGH HOMOLOGOUS RECOMBINATION HRR
GOBP_REGULATION_OF_GENE_SILENCING, GOBP_REGULATION_OF_GENE_SILENCING
WP_INTEGRATED_BREAST_CANCER_PATHWAY, WP_INTEGRATED_BREAST_CANCER_PATHWAY
REACTOME_NEGATIVE_EPIGENETIC_REGULATION_OF_RRNA_EXPRESSION, REACTOME_NEGATIVE_EPIGENETIC_REGULATION_OF_RRNA_EXPRESSION
GOBP_RESPONSE_TO_IONIZING_RADIATION, GOBP_RESPONSE_TO_IONIZING_RADIATION
HP_FINGER_SYNDACTYLY, HP_FINGER_SYNDACTYLY
HP_ASTIGMATISM, HP_ASTIGMATISM
REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_PHOSPHORYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_PHOSPHORYLATION
HP_APLASIA_HYPOPLASIA_OF_THE_SKIN, HP_APLASIA_HYPOPLASIA_OF_THE_SKIN
REACTOME_OXIDATIVE_STRESS_INDUCED_SENESCENCE, REACTOME_OXIDATIVE_STRESS_INDUCED_SENESCENCE
GOCC SITE OF DNA DAMAGE, GOCC SITE OF DNA DAMAGE
REACTOME BASE EXCISION REPAIR, REACTOME BASE EXCISION REPAIR
REACTOME_RNA_POLYMERASE_I_TRANSCRIPTION, REACTOME_RNA_POLYMERASE_I_TRANSCRIPTION
GOBP_REGULATION_OF_CHROMATIN_ORGANIZATION, GOBP_REGULATION_OF_CHROMATIN_ORGANIZATION
GOMF_DAMAGED_DNA_BINDING, GOMF_DAMAGED_DNA_BINDING
 GSE21033_3H_VS_24H_POLYIC_STIM_DC_DN, GSE21033_3H_VS_24H_POLYIC_STIM_DC_DN
REACTOME_B_WICH_COMPLEX_POSITIVELY_REGULATES_RRNA_EXPRESSION, REACTOME_B_WICH_COMPLEX_POSITIVELY_REGULATES_RRNA_EXPRESSION
HP_ABNORMALITY_OF_BONE_MARROW_CELL_MORPHOLOGY, HP_ABNORMALITY_OF_BONE_MARROW_CELL_MORPHOLOGY
REACTOME_POSITIVE_EPIGENETIC_REGULATION_OF_RRNA_EXPRESSION, REACTOME_POSITIVE_EPIGENETIC_REGULATION_OF_RRNA_EXPRESSION
REACTOME_G2_M_DNA_DAMAGE_CHECKPOINT, REACTOME_G2_M_DNA_DAMAGE_CHECKPOINT
REACTOME FORMATION OF THE BETA CATENIN TCF TRANSACTIVATING COMPLEX, REACTOME FORMATION OF THE BETA CATENIN TCF TRANSACTIVATING COMPLEX
REACTOME_MEIOTIC_RECOMBINATION, REACTOME_MEIOTIC_RECOMBINATION
REACTOME_RNA_POLYMERASE_I_PROMOTER_ESCAPE, REACTOME_RNA_POLYMERASE_I_PROMOTER_ESCAPE
HP_TELANGIECTASIA, HP_TELANGIECTASIA
EGFR_UP.V1_DN, EGFR_UP.V1_DN
HP_SPINAL_DYSRAPHISM, HP_SPINAL_DYSRAPHISM
GOBP_RESPONSE_TO_UV, GOBP_RESPONSE_TO_UV
REACTOME_DISEASES_OF_PROGRAMMED_CELL_DEATH, REACTOME_DISEASES_OF_PROGRAMMED_CELL_DEATH
HP_ABNORMAL_NEURAL_TUBE_MORPHOLOGY, HP_ABNORMAL_NEURAL_TUBE_MORPHOLOGY
GOMF_EXONUCLEASE_ACTIVITY, GOMF_EXONUCLEASE_ACTIVITY
REACTOME SIRT1 NEGATIVELY REGULATES RRNA EXPRESSION, REACTOME SIRT1 NEGATIVELY REGULATES RRNA EXPRESSION
HP_HYPOPIGMENTATION_OF_THE_SKIN, HP_HYPOPIGMENTATION_OF_THE_SKIN
REACTOME_PROTEIN_UBIQUITINATION, REACTOME_PROTEIN_UBIQUITINATION
 HP_IRREGULAR_HYPERPIGMENTATION, HP_IRREGULAR_HYPERPIGMENTATION
 REACTOME ACTIVATION OF ANTERIOR HOX GENES IN HINDBRAIN DEVELOPMENT DURING EARLY EMBRYOGENESIS, REACTOME ACTIVATION OF ANTERIOR HOX GENES IN HINDBRAIN DEVELOPMENT DURING EARLY EMBRYOGENESIS
 KRCTCNNNNMANAGC_UNKNOWN, KRCTCNNNNMANAGC_UNKNOWN
 GSE12845_IGD_POS_VS_NEG_BLOOD_BCELL_UP, GSE12845_IGD_POS_VS_NEG_BLOOD_BCELL_UP
REACTOME DNA METHYLATION, REACTOME DNA METHYLATION
REACTOME_ERCC6_CSB_AND_EHMT2_G9A_POSITIVELY_REGULATE_RRNA_EXPRESSION, REACTOME_ERCC6_CSB_AND_EHMT2_G9A_POSITIVELY_REGULATE_RRNA_EXPRESSION
HP_DOLICHOCEPHALY, HP_DOLICHOCEPHALY
REACTOME_NONHOMOLOGOUS_END_JOINING_NHEJ, REACTOME_NONHOMOLOGOUS_END_JOINING_NHEJ
HP_DYSMETRIA, HP_DYSMETRIA
HP_SOMATIC_MUTATION, HP_SOMATIC_MUTATION
REACTOME_RUNX1_REGULATES_GENES_INVOLVED_IN_MEGAKARYOCYTE_DIFFERENTIATION_AND_PLATELET_FUNCTION, REACTOME_RUNX1_REGULATES_GENES_INVOLVED_IN_MEGAKARYOCYTE_DIFFERENTIATION_AND_PLATELET_FUNCTION
REACTOME_ACTIVATED_PKN1_STIMULATES_TRANSCRIPTION_OF_AR_ANDROGEN_RECEPTOR_REGULATED_GENES_KLK2_AND_KLK3, REACTOME_ACTIVATED_PKN1_STIMULATES_TRANSCRIPTION_OF_AR_ANDROGEN_RECEPTOR_REGULATED_GENES_KLK2_AND_KLK3
GOMF_PROTEIN_N_TERMINUS_BINDING, GOMF_PROTEIN_N_TERMINUS_BINDING
REACTOME_RMTS_METHYLATE_HISTONE_ARGININES, REACTOME_RMTS_METHYLATE_HISTONE_ARGININES
HP_ABNORMALITY_OF_THE_UVULA, HP_ABNORMALITY_OF_THE_UVULA
TTTNNANAGCYR_UNKNOWN, TTTNNANAGCYR_UNKNOWN
GOCC_PML_BODY, GOCC_PML_BODY
GOBP_CELLULAR_RESPONSE_TO_RADIATION, GOBP_CELLULAR_RESPONSE_TO_RADIATION
GOBP_REGULATION_OF_HISTONE_MODIFICATION, GOBP_REGULATION_OF_HISTONE_MODIFICATION
REACTOME_AMYLOID_FIBER_FORMATION, REACTOME_AMYLOID_FIBER_FORMATION
HP_ABNORMAL_AORTIC_VALVE_MORPHOLOGY, HP_ABNORMAL_AORTIC_VALVE_MORPHOLOGY
HP_BLEPHAROPHIMOSIS, HP_BLEPHAROPHIMOSIS
HP_NEOPLASM_OF_THE_PANCREAS, HP_NEOPLASM_OF_THE_PANCREAS
SMARCA1_TARGET_GENES, SMARCA1_TARGET_GENES
PID_FANCONI_PATHWAY, PID_FANCONI_PATHWAY
KOKKINAKIS_METHIONINE_DEPRIVATION_48HR_UP, KOKKINAKIS_METHIONINE_DEPRIVATION_48HR_UP
GOBP_DNA_SYNTHESIS_INVOLVED_IN_DNA_REPAIR, GOBP_DNA_SYNTHESIS_INVOLVED_IN_DNA_REPAIR
HP_PANCYTOPENIA, HP_PANCYTOPENIA
REACTOME_RHO_GTPASES_ACTIVATE_PKNS, REACTOME_RHO_GTPASES_ACTIVATE_PKNS
GOBP_REGULATION_OF_DNA_RECOMBINATION, GOBP_REGULATION_OF_DNA_RECOMBINATION
GOBP_HETEROCHROMATIN_ORGANIZATION, GOBP_HETEROCHROMATIN_ORGANIZATION
HP_ABNORMALITY_OF_THE_ANUS, HP_ABNORMALITY_OF_THE_ANUS
REACTOME INHIBITION OF DNA RECOMBINATION AT TELOMERE, REACTOME INHIBITION OF DNA RECOMBINATION AT TELOMERE
HP_NEOPLASM_OF_THE_SKIN, HP_NEOPLASM_OF_THE_SKIN
WP_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY, WP_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY
REACTOME_DNA_DOUBLE_STRAND_BREAK_RESPONSE, REACTOME_DNA_DOUBLE_STRAND_BREAK_RESPONSE
REACTOME_E3_UBIQUITIN_LIGASES_UBIQUITINATE_TARGET_PROTEINS, REACTOME_E3_UBIQUITIN_LIGASES_UBIQUITINATE_TARGET_PROTEINS
HP_HYPOPIGMENTED_SKIN_PATCHES, HP_HYPOPIGMENTED_SKIN_PATCHES
HP_PROMINENT_NOSE, HP_PROMINENT_NOSE
GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLEASE ACTIVITY ACTIVE WITH EITHER RIBO OR DEOXYRIBONUCLEIC ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS, GOMF EXONUCLE ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS ACTIVITY ACTIVE WITH ACTIVE WITH ACTIVE ACIDS AND PRODUCING 5 PHOSPHOMONOESTERS.
HP SHORT LONG BONE, HP SHORT LONG BONE
KEGG_SYSTEMIC_LUPUS_ERYTHEMATOSUS, KEGG_SYSTEMIC_LUPUS_ERYTHEMATOSUS
RBM15 TARGET GENES, RBM15 TARGET GENES
GOCC_DNA_REPAIR_COMPLEX, GOCC_DNA_REPAIR_COMPLEX
HP_ABNORMALITY_OF_ODONTOID_TISSUE, HP_ABNORMALITY_OF_ODONTOID_TISSUE
GOBP_POSITIVE_REGULATION_OF_CHROMATIN_ORGANIZATION, GOBP_POSITIVE_REGULATION_OF_CHROMATIN_ORGANIZATION
REACTOME_PKMTS_METHYLATE_HISTONE_LYSINES, REACTOME_PKMTS_METHYLATE_HISTONE_LYSINES
REACTOME_BASE_EXCISION_REPAIR_AP_SITE_FORMATION, REACTOME_BASE_EXCISION_REPAIR_AP_SITE_FORMATION
HP_ABNORMAL_ESOPHAGUS_MORPHOLOGY, HP_ABNORMAL_ESOPHAGUS_MORPHOLOGY
HP_TETRALOGY_OF_FALLOT, HP_TETRALOGY_OF_FALLOT
HP_ABNORMAL_URETER_MORPHOLOGY, HP_ABNORMAL_URETER_MORPHOLOGY
GOBP_TRANSLESION_SYNTHESIS, GOBP_TRANSLESION_SYNTHESIS
GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_DNA_DAMAGE_STIMULUS, GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_DNA_DAMAGE_STIMULUS
WP_BREAST_CANCER_PATHWAY, WP_BREAST_CANCER_PATHWAY
HP_AGANGLIONIC_MEGACOLON, HP_AGANGLIONIC_MEGACOLON
 JACKSON_DNMT1_TARGETS_UP, JACKSON_DNMT1_TARGETS_UP
REACTOME FANCONI ANEMIA PATHWAY, REACTOME FANCONI ANEMIA PATHWAY
HP_SMALL_FACE, HP_SMALL_FACE
HP_MELANOMA, HP_MELANOMA
PID_AR_PATHWAY, PID_AR_PATHWAY
HP_FACIAL_ASYMMETRY, HP_FACIAL_ASYMMETRY
REACTOME_RESOLUTION_OF_D_LOOP_STRUCTURES, REACTOME_RESOLUTION_OF_D_LOOP_STRUCTURES
HP_ANAL_ATRESIA, HP_ANAL_ATRESIA
HP_RECURRENT_URINARY_TRACT_INFECTIONS, HP_RECURRENT_URINARY_TRACT_INFECTIONS
HP EXTERNAL EAR MALFORMATION, HP EXTERNAL EAR MALFORMATION
 GSE13411_SWITCHED_MEMORY_BCELL_VS_PLASMA_CELL_DN, GSE13411_SWITCHED_MEMORY_BCELL_VS_PLASMA_CELL_DN
GOMF_MANGANESE_ION_BINDING, GOMF_MANGANESE_ION_BINDING
 GOBP_DNA_REPLICATION_DEPENDENT_NUCLEOSOME_ORGANIZATION, GOBP_DNA_REPLICATION_DEPENDENT_NUCLEOSOME_ORGANIZATION
REACTOME_P75_NTR_RECEPTOR_MEDIATED_SIGNALLING, REACTOME_P75_NTR_RECEPTOR_MEDIATED_SIGNALLING
WP_HISTONE_MODIFICATIONS, WP_HISTONE_MODIFICATIONS
GOBP_SOMATIC_DIVERSIFICATION_OF_IMMUNE_RECEPTORS, GOBP_SOMATIC_DIVERSIFICATION_OF_IMMUNE_RECEPTORS
GOBP_MISMATCH_REPAIR, GOBP_MISMATCH_REPAIR
CENPT_TARGET_GENES, CENPT_TARGET_GENES
HP_ABNORMALITY_OF_CHROMOSOME_STABILITY, HP_ABNORMALITY_OF_CHROMOSOME_STABILITY
WP_22Q112_COPY_NUMBER_VARIATION_SYNDROME, WP_22Q112_COPY_NUMBER_VARIATION_SYNDROME
REACTOME_NOTCH1_INTRACELLULAR_DOMAIN_REGULATES_TRANSCRIPTION, REACTOME_NOTCH1_INTRACELLULAR_DOMAIN_REGULATES_TRANSCRIPTION
 GSE24574_BCL6_LOW_TFH_VS_TCONV_CD4_TCELL_UP, GSE24574_BCL6_LOW_TFH_VS_TCONV_CD4_TCELL_UP
WP_JOUBERT_SYNDROME, WP_JOUBERT_SYNDROME
 GOBP_BASE_EXCISION_REPAIR, GOBP_BASE_EXCISION_REPAIR
HP_APLASIA_HYPOPLASIA_INVOLVING_FOREARM_BONES, HP_APLASIA_HYPOPLASIA_INVOLVING_FOREARM_BONES
REACTOME_HDMS_DEMETHYLATE_HISTONES, REACTOME_HDMS_DEMETHYLATE_HISTONES
HP_APLASTIC_HYPOPLASTIC_TOENAIL, HP_APLASTIC_HYPOPLASTIC_TOENAIL
 REACTOME_SIGNALING_BY_NOTCH1_PEST_DOMAIN_MUTANTS_IN_CANCER, REACTOME_SIGNALING_BY_NOTCH1_PEST_DOMAIN_MUTANTS_IN_CANCER
 GOBP_TELOMERE_CAPPING, GOBP_TELOMERE_CAPPING
 HP_DERMAL_ATROPHY, HP_DERMAL_ATROPHY
HP_ABNORMALITY_OF_THE_PHALANGES_OF_THE_TOES, HP_ABNORMALITY_OF_THE_PHALANGES_OF_THE_TOES
 GOBP_RDNA_HETEROCHROMATIN_ASSEMBLY, GOBP_RDNA_HETEROCHROMATIN_ASSEMBLY
REACTOME METALLOPROTEASE DUBS, REACTOME METALLOPROTEASE DUBS
 REACTOME_REGULATED_NECROSIS, REACTOME_REGULATED_NECROSIS
HP_GONADAL_NEOPLASM, HP_GONADAL_NEOPLASM
HP_ARTERIOVENOUS_MALFORMATION, HP_ARTERIOVENOUS_MALFORMATION
GOBP_PROTEIN_K63_LINKED_UBIQUITINATION, GOBP_PROTEIN_K63_LINKED_UBIQUITINATION
HP_RECURRENT_VIRAL_INFECTIONS, HP_RECURRENT_VIRAL_INFECTIONS
HP_ECTOPIC_KIDNEY, HP_ECTOPIC_KIDNEY
REACTOME_CELL_DEATH_SIGNALLING_VIA_NRAGE_NRIF_AND_NADE, REACTOME_CELL_DEATH_SIGNALLING_VIA_NRAGE_NRIF_AND_NADE
 GOMF DEOXYRIBONUCLEASE ACTIVITY, GOMF DEOXYRIBONUCLEASE ACTIVITY
GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA_STIMULUS, GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA_STIMULUS
RADAEVA_RESPONSE_TO_IFNA1_UP, RADAEVA_RESPONSE_TO_IFNA1_UP
MED25_TARGET_GENES, MED25_TARGET_GENES
GOBP_POSITIVE_REGULATION_OF_HISTONE_METHYLATION, GOBP_POSITIVE_REGULATION_OF_HISTONE_METHYLATION
HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_PYRAMIDAL_TRACT, HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_PYRAMIDAL_TRACT
GOBP NEGATIVE REGULATION OF TRANSMEMBRANE RECEPTOR PROTEIN SERINE THREONINE KINASE SIGNALING PATHWAY, GOBP NEGATIVE REGULATION OF TRANSMEMBRANE RECEPTOR PROTEIN SERINE THREONINE KINASE SIGNALING PATHWAY
REACTOME_INTERLEUKIN_3_INTERLEUKIN_5_AND_GM_CSF_SIGNALING, REACTOME_INTERLEUKIN_3_INTERLEUKIN_5_AND_GM_CSF_SIGNALING
HP_ABNORMAL_CIRCULATING_IGG_LEVEL, HP_ABNORMAL_CIRCULATING_IGG_LEVEL
WP GENES INVOLVED IN MALE INFERTILITY, WP GENES INVOLVED IN MALE INFERTILITY
HP_ABNORMAL_T_CELL_SUBSET_DISTRIBUTION, HP_ABNORMAL_T_CELL_SUBSET_DISTRIBUTION
HP_HYPOPLASIA_OF_DENTAL_ENAMEL, HP_HYPOPLASIA_OF_DENTAL_ENAMEL
GOBP REGULATION OF PROTEIN AUTOPHOSPHORYLATION, GOBP REGULATION OF PROTEIN AUTOPHOSPHORYLATION
GOBP_NEGATIVE_REGULATION_OF_TRANSFORMING_GROWTH_FACTOR_BETA_RECEPTOR_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_TRANSFORMING_GROWTH_FACTOR_BETA_RECEPTOR_SIGNALING_PATHWAY
REACTOME_BUDDING_AND_MATURATION_OF_HIV_VIRION, REACTOME_BUDDING_AND_MATURATION_OF_HIV_VIRION
GOBP_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_NONHOMOLOGOUS_END_JOINING, GOBP_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_NONHOMOLOGOUS_END_JOINING
HP_OVARIAN_NEOPLASM, HP_OVARIAN_NEOPLASM
GOBP_POSITIVE_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR, GOBP_POSITIVE_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR
REACTOME OVARIAN TUMOR DOMAIN PROTEASES, REACTOME OVARIAN TUMOR DOMAIN PROTEASES
HP_ABNORMAL_CIRCULATING_IGA_LEVEL, HP_ABNORMAL_CIRCULATING_IGA_LEVEL
REACTOME_SIGNALING_BY_FGFR3, REACTOME_SIGNALING_BY_FGFR3
TERT_TARGET_GENES, TERT_TARGET_GENES
HSF4_TARGET_GENES, HSF4_TARGET_GENES
HP_PULMONARY_FIBROSIS, HP_PULMONARY_FIBROSIS
HP_T_LYMPHOCYTOPENIA, HP_T_LYMPHOCYTOPENIA
GOBP_MYD88_INDEPENDENT_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY, GOBP_MYD88_INDEPENDENT_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY
HP_HYPOGONADOTROPIC_HYPOGONADISM, HP_HYPOGONADOTROPIC_HYPOGONADISM
REACTOME_SIGNALING_BY_FGFR1, REACTOME_SIGNALING_BY_FGFR1
 HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_CORTICOSPINAL_TRACT, HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_CORTICOSPINAL_TRACT
HP TISSUE ISCHEMIA, HP TISSUE ISCHEMIA
HP_CEREBELLAR_VERMIS_ATROPHY, HP_CEREBELLAR_VERMIS_ATROPHY
GOBP_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GOBP_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR
HP APLASIA HYPOPLASIA OF THE THYMUS, HP APLASIA HYPOPLASIA OF THE THYMUS
HP_ABNORMAL_B_CELL_MORPHOLOGY, HP_ABNORMAL_B_CELL_MORPHOLOGY
REACTOME SIGNALING BY FGFR4, REACTOME SIGNALING BY FGFR4
HP HYPOPLASTIC TOENAILS, HP HYPOPLASTIC TOENAILS
REACTOME_SIGNALING_BY_NOTCH3, REACTOME_SIGNALING_BY_NOTCH3
LIANG_SILENCED_BY_METHYLATION_UP, LIANG_SILENCED_BY_METHYLATION_UP
GOBP_MALE_MEIOTIC_NUCLEAR_DIVISION, GOBP_MALE_MEIOTIC_NUCLEAR_DIVISION
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STRAND BREAK REPAIR, REACTOME DNA DOUBLE STRAND BREAK REPAIR

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KEGG NON HOMOLOGOUS END JOINING, KEGG NON HOMOLOGOUS END JOINING
OVSYANNIKOVA_PBMC_FLUARIX_AGE_50_74YO_COMMON_WITH_BOTH_HAI_AND_VNA_28DY_VS_3DY_USED_IN_HAI_AND_VNA_RESPONSE_MODELS_DN, OVSYANNIKOVA_PBMC_FLUARIX_AGE_50_74YO_COMMON_WITH_BOTH_HAI_AND_VNA_RESPONSE_MODELS_DN, OVSYANNIKOVA_PBMC_FLUARIX_AGE_50_74YO_COMMON_WITH_BOTH_HAI_AND_VNA_RESPONSE_MODELS_DN, OVSYANNIKOVA_PBMC_FLUARIX_AGE_50_74YO_COMMON_WITH_BOTH_HAI_AND_VNA_RESPONSE_MODELS_DN, OVSYANNIKOVA_PBMC_FLUARIX_AGE_50_74YO_COMMON_WITH_BOTH_HAI_AND_VNA_RESPONSE_MODELS_DN, OVSYANNIKOVA_PBMC_FLUARIX_AGE_50_74YO_COMMON_WITH_BOTH_HAI_AND_VNA_RESPONSE_FLUARIX_AGE_50_74YO_COMMON_WITH_BOTH_HAI_AND_VNA_RESPO
HP_MYOCARDIAL_INFARCTION, HP_MYOCARDIAL_INFARCTION
GOBP_CELLULAR_RESPONSE_TO_ALCOHOL, GOBP_CELLULAR_RESPONSE_TO_ALCOHOL
HP_MULTIFACTORIAL_INHERITANCE, HP_MULTIFACTORIAL_INHERITANCE
REACTOME_STIMULI_SENSING_CHANNELS, REACTOME_STIMULI_SENSING_CHANNELS
GOBP_POSITIVE_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_NONHOMOLOGOUS_END_JOINING, GOBP_POSITIVE_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_NONHOMOLOGOUS_END_JOINING
REACTOME_SIGNALING_BY_ERBB4, REACTOME_SIGNALING_BY_ERBB4
HP_ADENOMATOUS_COLONIC_POLYPOSIS, HP_ADENOMATOUS_COLONIC_POLYPOSIS
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YTTCCNNNGGAMR UNKNOWN, YTTCCNNNGGAMR UNKNOWN

GOBP_SOMITE_DEVELOPMENT, GOBP_SOMITE_DEVELOPMENT

HP_CHRONIC_FATIGUE, HP_CHRONIC_FATIGUE

HP NARROW NOSE, HP NARROW NOSE

GOBP_SOMITOGENESIS, GOBP_SOMITOGENESIS

DE_YY1_TARGETS_UP, DE_YY1_TARGETS_UP

GENTILE_UV_HIGH_DOSE_UP, GENTILE_UV_HIGH_DOSE_UP

HP_NASAL_REGURGITATION, HP_NASAL_REGURGITATION

chr8q11, chr8q11

MIR3678_5P, MIR3678_5P

MODULE_70, MODULE_70

HP_CRACKLES, HP_CRACKLES

HP_ENURESIS, HP_ENURESIS

GOBP_MITOCHONDRIAL_DEPOLARIZATION, GOBP_MITOCHONDRIAL_DEPOLARIZATION

GOCC_NONHOMOLOGOUS_END_JOINING_COMPLEX, GOCC_NONHOMOLOGOUS_END_JOINING_COMPLEX

GOBP DEFENSE RESPONSE TO GRAM POSITIVE BACTERIUM, GOBP DEFENSE RESPONSE TO GRAM POSITIVE BACTERIUM

GOMF 1 PHOSPHATIDYLINOSITOL 3 KINASE ACTIVITY, GOMF 1 PHOSPHATIDYLINOSITOL 3 KINASE ACTIVITY

WP_NANOPARTICLE_TRIGGERED_REGULATED_NECROSIS, WP_NANOPARTICLE_TRIGGERED_REGULATED_NECROSIS

GOBP_ORGAN_OR_TISSUE_SPECIFIC_IMMUNE_RESPONSE, GOBP_ORGAN_OR_TISSUE_SPECIFIC_IMMUNE_RESPONSE

GOBP_NEGATIVE_REGULATION_OF_CELLULAR_SENESCENCE, GOBP_NEGATIVE_REGULATION_OF_CELLULAR_SENESCENCE

HOEK_MYELOID_DENDRITIC_CELL_2011_2012_TIV_ADULT_3DY_UP, HOEK_MYELOID_DENDRITIC_CELL_2011_2012_TIV_ADULT_3DY_UP

GOBP_POSITIVE_REGULATION_OF_CHONDROCYTE_PROLIFERATION, GOBP_POSITIVE_REGULATION_OF_CHONDROCYTE_PROLIFERATION

GOBP_REGULATION_OF_MORPHOGENESIS_OF_A_BRANCHING_STRUCTURE, GOBP_REGULATION_OF_MORPHOGENESIS_OF_A_BRANCHING_STRUCTURE

GOMF_NAD_P_PLUS_PROTEIN_ARGININE_ADP_RIBOSYLTRANSFERASE_ACTIVITY, GOMF_NAD_P_PLUS_PROTEIN_ARGININE_ADP_RIBOSYLTRANSFERASE_ACTIVITY

HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_1DY_UP, HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_1DY_UP

GOBP_MEIOTIC_DNA_DOUBLE_STRAND_BREAK_FORMATION, GOBP_MEIOTIC_DNA_DOUBLE_STRAND_BREAK_FORMATION

GOBP_INNATE_IMMUNE_RESPONSE_IN_MUCOSA, GOBP_INNATE_IMMUNE_RESPONSE_IN_MUCOSA

DAVIES_MULTIPLE_MYELOMA_VS_MGUS_UP, DAVIES_MULTIPLE_MYELOMA_VS_MGUS_UP

HP_APLASIA_HYPOPLASIA_OF_THE_INNER_EAR, HP_APLASIA_HYPOPLASIA_OF_THE_INNER_EAR

DING_LUNG_CANCER_BY_MUTATION_RATE, DING_LUNG_CANCER_BY_MUTATION_RATE

GOBP_CELLULAR_RESPONSE_TO_ALKALOID, GOBP_CELLULAR_RESPONSE_TO_ALKALOID

HP_ABNORMAL_FINGER_FLEXION_CREASES, HP_ABNORMAL_FINGER_FLEXION_CREASES

HP_DILATATED_INTERNAL_AUDITORY_CANAL, HP_DILATATED_INTERNAL_AUDITORY_CANAL

HOEK_MONOCYTE_2011_2012_TIV_ADULT_3DY_UP, HOEK_MONOCYTE_2011_2012_TIV_ADULT_3DY_UP

GOBP_ANTIBACTERIAL_HUMORAL_RESPONSE, GOBP_ANTIBACTERIAL_HUMORAL_RESPONSE

HP_USUAL_INTERSTITIAL_PNEUMONIA, HP_USUAL_INTERSTITIAL_PNEUMONIA

GOBP_POST_ANAL_TAIL_MORPHOGENESIS, GOBP_POST_ANAL_TAIL_MORPHOGENESIS

GOBP_PROGRAMMED_CELL_DEATH_INVOLVED_IN_CELL_DEVELOPMENT, GOBP_PROGRAMMED_CELL_DEATH_INVOLVED_IN_CELL_DEVELOPMENT

GOBP_NEGATIVE_REGULATION_OF_MEGAKARYOCYTE_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_MEGAKARYOCYTE_DIFFERENTIATION

GOMF CROSSOVER JUNCTION ENDODEOXYRIBONUCLEASE ACTIVITY, GOMF CROSSOVER JUNCTION ENDODEOXYRIBONUCLEASE ACTIVITY

GOBP_POSITIVE_REGULATION_OF_MORPHOGENESIS_OF_AN_EPITHELIUM, GOBP_POSITIVE_REGULATION_OF_MORPHOGENESIS_OF_AN_EPITHELIUM

REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CASPASE_ACTIVATORS_AND_CASPASES, REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CASPASE_ACTIVATORS_AND_CASPASES

GOBP_POSITIVE_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GOBP_POSITIVE_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR

DING_LUNG_CANCER_MUTATED_SIGNIFICANTLY, DING_LUNG_CANCER_MUTATED_SIGNIFICANTLY

GOBP_HISTONE_H3_K36_METHYLATION, GOBP_HISTONE_H3_K36_METHYLATION

GOBP_CELLULAR_RESPONSE_TO_X_RAY, GOBP_CELLULAR_RESPONSE_TO_X_RAY

RICKMAN_HEAD_AND_NECK_CANCER_C, RICKMAN_HEAD_AND_NECK_CANCER_C

GOBP_HISTONE_H3_K9_ACETYLATION, GOBP_HISTONE_H3_K9_ACETYLATION

GOMF_G_QUADRUPLEX_DNA_BINDING, GOMF_G_QUADRUPLEX_DNA_BINDING

GOBP_SINGLE_STRAND_BREAK_REPAIR, GOBP_SINGLE_STRAND_BREAK_REPAIR

GOBP_TELOMERIC_LOOP_DISASSEMBLY, GOBP_TELOMERIC_LOOP_DISASSEMBLY

HP_ADRENOCORTICAL_CARCINOMA, HP_ADRENOCORTICAL_CARCINOMA

HP_COCHLEAR_MALFORMATION, HP_COCHLEAR_MALFORMATION

HP ABSENT_PHALANGEAL_CREASE, HP_ABSENT_PHALANGEAL_CREASE

OHM_EMBRYONIC_CARCINOMA_UP, OHM_EMBRYONIC_CARCINOMA_UP

HP_OBSTRUCTIVE_AZOOSPERMIA, HP_OBSTRUCTIVE_AZOOSPERMIA

HP_LACRIMAL_DUCT_APLASIA, HP_LACRIMAL_DUCT_APLASIA

GOBP_CHIASMA_ASSEMBLY, GOBP_CHIASMA_ASSEMBLY

UROSEVIC_RESPONSE_TO_IMIQUIMOD, UROSEVIC_RESPONSE_TO_IMIQUIMOD

WEBER_METHYLATED_ICP_IN_SPERM_DN, WEBER_METHYLATED_ICP_IN_SPERM_DN

HP RECURRENT GASTROENTERITIS, HP RECURRENT GASTROENTERITIS

WP_NONHOMOLOGOUS_END_JOINING, WP_NONHOMOLOGOUS_END_JOINING