

DEACETYLATE\_HISTONES, REACTOME\_HDACS\_DEACETYLATE\_HISTONES

REACTOME\_HOMOLOGY\_DIRECTED\_REPAIR, REACTOME\_HOMOLOGY\_DIRECTED\_REPAIR  
REACTOME\_DNA\_DOUBLE\_STRAND\_BREAK\_REPAIR, REACTOME\_DNA\_DOUBLE\_STRAND\_BREAK\_REPAIR  
REACTOME\_HATS\_ACETYLATE\_HISTONES, REACTOME\_HATS\_ACETYLATE\_HISTONES  
REACTOME\_REGULATION\_OF\_TP53\_ACTIVITY, REACTOME\_REGULATION\_OF\_TP53\_ACTIVITY  
REACTOME\_EPIGENETIC\_REGULATION\_OF\_GENE\_EXPRESSION, REACTOME\_EPIGENETIC\_REGULATION\_OF\_GENE\_EXPRESSION  
REACTOME\_PROCESSING\_OF\_DNA\_DOUBLE\_STRAND\_BREAK\_ENDS, REACTOME\_PROCESSING\_OF\_DNA\_DOUBLE\_STRAND\_BREAK\_ENDS  
REACTOME\_G2\_M\_DNA\_DAMAGE\_CHECKPOINT, REACTOME\_G2\_M\_DNA\_DAMAGE\_CHECKPOINT  
REACTOME\_CONDENSATION\_OF\_PROPHASE\_CHROMOSOMES, REACTOME\_CONDENSATION\_OF\_PROPHASE\_CHROMOSOMES  
REACTOME\_NEGATIVE\_EPIGENETIC\_REGULATION\_OF\_RRNA\_EXPRESSION, REACTOME\_NEGATIVE\_EPIGENETIC\_REGULATION\_OF\_RRNA\_EXPRESSION  
REACTOME\_POSITIVE\_EPIGENETIC\_REGULATION\_OF\_RRNA\_EXPRESSION, REACTOME\_POSITIVE\_EPIGENETIC\_REGULATION\_OF\_RRNA\_EXPRESSION  
REACTOME\_PRC2\_METHYLATES\_HISTONES\_AND\_DNA, REACTOME\_PRC2\_METHYLATES\_HISTONES\_AND\_DNA  
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  
REACTOME\_MEIOTIC\_RECOMBINATION, REACTOME\_MEIOTIC\_RECOMBINATION  
REACTOME\_SIRT1\_NEGATIVELY\_REGULATES\_RRNA\_EXPRESSION, REACTOME\_SIRT1\_NEGATIVELY\_REGULATES\_RRNA\_EXPRESSION  
REACTOME\_RNA\_POLYMERASE\_I\_TRANSCRIPTION, REACTOME\_RNA\_POLYMERASE\_I\_TRANSCRIPTION  
REACTOME\_SARS\_COV\_INFECTIONS, REACTOME\_SARS\_COV\_INFECTIONS  
REACTOME\_DNA\_DOUBLE\_STRAND\_BREAK\_RESPONSE, REACTOME\_DNA\_DOUBLE\_STRAND\_BREAK\_RESPONSE  
REACTOME\_BASE\_EXCISION\_REPAIR, REACTOME\_BASE\_EXCISION\_REPAIR  
REACTOME\_DISEASES\_OF\_PROGRAMMED\_CELL\_DEATH, REACTOME\_DISEASES\_OF\_PROGRAMMED\_CELL\_DEATH  
REACTOME\_MEIOSIS, REACTOME\_MEIOSIS  
REACTOME\_RMTS\_METHYLATE\_HISTONE\_ARGININES, REACTOME\_RMTS\_METHYLATE\_HISTONE\_ARGININES  
REACTOME\_DNA\_DAMAGE\_TELOMERE\_STRESS\_INDUCED\_SENESCENCE, REACTOME\_DNA\_DAMAGE\_TELOMERE\_STRESS\_INDUCED\_SENESCENCE  
REACTOME\_INTERLEUKIN\_7\_SIGNALING, REACTOME\_INTERLEUKIN\_7\_SIGNALING  
REACTOME\_POTENTIAL\_THERAPEUTICS\_FOR\_SARS, REACTOME\_POTENTIAL\_THERAPEUTICS\_FOR\_SARS  
REACTOME\_REGULATION\_OF\_LIPID\_METABOLISM\_BY\_PPARALPHA, REACTOME\_REGULATION\_OF\_LIPID\_METABOLISM\_BY\_PPARALPHA  
REACTOME\_RNA\_POLYMERASE\_I\_PROMOTER\_ESCAPE, REACTOME\_RNA\_POLYMERASE\_I\_PROMOTER\_ESCAPE  
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  
REACTOME\_TRANSCRIPTIONAL\_REGULATION\_OF\_GRANULOPOIESIS, REACTOME\_TRANSCRIPTIONAL\_REGULATION\_OF\_GRANULOPOIESIS  
REACTOME\_OXIDATIVE\_STRESS\_INDUCED\_SENESCENCE, REACTOME\_OXIDATIVE\_STRESS\_INDUCED\_SENESCENCE  
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\_FUNCTION  
REACTOME\_RHO\_GTPASES\_ACTIVATE\_PKNS, REACTOME\_RHO\_GTPASES\_ACTIVATE\_PKNS  
REACTOME\_NONHOMOLOGOUS\_END\_JOINING\_NHEJ, REACTOME\_NONHOMOLOGOUS\_END\_JOINING\_NHEJ  
REACTOME\_HDMS\_DEMETHYLATE\_HISTONES, REACTOME\_HDMS\_DEMETHYLATE\_HISTONES  
REACTOME\_PRE\_NOTCH\_EXPRESSION\_AND\_PROCESSING, REACTOME\_PRE\_NOTCH\_EXPRESSION\_AND\_PROCESSING  
REACTOME\_FORMATION\_OF\_THE\_BETA\_CATENIN\_TCF\_TRANSACTIVATING\_COMPLEX, REACTOME\_FORMATION\_OF\_THE\_BETA\_CATENIN\_TCF\_TRANSACTIVATING\_COMPLEX