

**GO\_DNA\_INTEGRITY\_CHECKPOINT, GO\_DNA\_INTEGRITY\_CHECKPOINT**

GO\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE, GO\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE  
GO\_REGULATION\_OF\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_MITOCHONDRION, GO\_REGULATION\_OF\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_MITOCHONDRION  
GO\_POSITIVE\_REGULATION\_OF\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_MITOCHONDRION, GO\_POSITIVE\_REGULATION\_OF\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_MITOCHONDRION  
GO\_SERINE\_THREONINE\_PROTEIN\_KINASE\_COMPLEX, GO\_SERINE\_THREONINE\_PROTEIN\_KINASE\_COMPLEX  
GO\_PROTEIN\_KINASE\_COMPLEX, GO\_PROTEIN\_KINASE\_COMPLEX  
GO\_SIGNAL\_TRANSDUCTION\_IN\_RESPONSE\_TO\_DNA\_DAMAGE, GO\_SIGNAL\_TRANSDUCTION\_IN\_RESPONSE\_TO\_DNA\_DAMAGE  
GO\_RESPONSE\_TO\_UV, GO\_RESPONSE\_TO\_UV  
GO\_U2\_TYPE\_CATALYTIC\_STEP\_2\_SPLICEOSOME, GO\_U2\_TYPE\_CATALYTIC\_STEP\_2\_SPLICEOSOME  
GO\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_BY\_P53\_CLASS\_MEDIATOR, GO\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_BY\_P53\_CLASS\_MEDIATOR  
GO\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE\_BY\_P53\_CLASS\_MEDIATOR, GO\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE\_BY\_P53\_CLASS\_MEDIATOR  
GO\_CYCLIN\_DEPENDENT\_PROTEIN\_SERINE\_THREONINE\_KINASE\_REGULATOR\_ACTIVITY, GO\_CYCLIN\_DEPENDENT\_PROTEIN\_SERINE\_THREONINE\_KINASE\_REGULATOR\_ACTIVITY  
GO\_POSITIVE\_REGULATION\_OF\_PROTEIN\_MODIFICATION\_BY\_SMALL\_PROTEIN\_CONJUGATION\_OR\_REMOVAL, GO\_POSITIVE\_REGULATION\_OF\_PROTEIN\_MODIFICATION\_BY\_SMALL\_PROTEIN\_CONJUGATION\_OR\_REMOVAL  
GO\_NEGATIVE\_REGULATION\_OF\_PROTEASOMAL\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS, GO\_NEGATIVE\_REGULATION\_OF\_PROTEASOMAL\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS  
GO\_POSITIVE\_REGULATION\_OF\_CYCLIN\_DEPENDENT\_PROTEIN\_KINASE\_ACTIVITY, GO\_POSITIVE\_REGULATION\_OF\_CYCLIN\_DEPENDENT\_PROTEIN\_KINASE\_ACTIVITY  
GO\_CYCLIN\_DEPENDENT\_PROTEIN\_KINASE\_HOLOENZYME\_COMPLEX, GO\_CYCLIN\_DEPENDENT\_PROTEIN\_KINASE\_HOLOENZYME\_COMPLEX  
GO\_REGULATION\_OF\_NUCLEAR\_TRANSCRIBED\_MRNA\_POLY\_A\_TAIL\_SHORTENING, GO\_REGULATION\_OF\_NUCLEAR\_TRANSCRIBED\_MRNA\_POLY\_A\_TAIL\_SHORTENING  
GO\_CUL4\_RING\_E3\_UBIQUITIN\_LIGASE\_COMPLEX, GO\_CUL4\_RING\_E3\_UBIQUITIN\_LIGASE\_COMPLEX  
GO\_REGULATION\_OF\_NUCLEAR\_TRANSCRIBED\_MRNA\_CATABOLIC\_PROCESS\_DEADENYLATION\_DEPENDENT\_DECAY, GO\_REGULATION\_OF\_NUCLEAR\_TRANSCRIBED\_MRNA\_CATABOLIC\_PROCESS\_DEADENYLATION\_DEPENDENT\_DECAY  
GO\_PROTEIN\_METHYLTRANSFERASE\_ACTIVITY, GO\_PROTEIN\_METHYLTRANSFERASE\_ACTIVITY  
GO\_REGULATION\_OF\_DOUBLE\_STRAND\_BREAK\_REPAIR\_VIA\_NONHOMOLOGOUS\_END\_JOINING, GO\_REGULATION\_OF\_DOUBLE\_STRAND\_BREAK\_REPAIR\_VIA\_NONHOMOLOGOUS\_END\_JOINING  
GO\_REGULATION\_OF\_TYPE\_I\_INTERFERON\_MEDIATED\_SIGNALING\_PATHWAY, GO\_REGULATION\_OF\_TYPE\_I\_INTERFERON\_MEDIATED\_SIGNALING\_PATHWAY  
GO\_CELLULAR\_RESPONSE\_TO\_UV, GO\_CELLULAR\_RESPONSE\_TO\_UV  
GO\_ORGANELLE\_INHERITANCE, GO\_ORGANELLE\_INHERITANCE  
GO\_PROTEIN\_INSERTION\_INTO\_MITOCHONDRIAL\_MEMBRANE, GO\_PROTEIN\_INSERTION\_INTO\_MITOCHONDRIAL\_MEMBRANE  
GO\_SIGNAL\_TRANSDUCTION\_INVOLVED\_IN\_CELL\_CYCLE\_CHECKPOINT, GO\_SIGNAL\_TRANSDUCTION\_INVOLVED\_IN\_CELL\_CYCLE\_CHECKPOINT  
GO\_ENTRAINMENT\_OF\_CIRCADIAN\_CLOCK, GO\_ENTRAINMENT\_OF\_CIRCADIAN\_CLOCK  
GO\_POSITIVE\_REGULATION\_OF\_VIRAL\_GENOME\_REPLICATION, GO\_POSITIVE\_REGULATION\_OF\_VIRAL\_GENOME\_REPLICATION  
GO\_HISTONE\_METHYLTRANSFERASE\_ACTIVITY, GO\_HISTONE\_METHYLTRANSFERASE\_ACTIVITY  
GO\_PHOSPHATASE\_BINDING, GO\_PHOSPHATASE\_BINDING  
GO\_BLASTOCYST\_DEVELOPMENT, GO\_BLASTOCYST\_DEVELOPMENT  
GO\_SCF\_UBIQUITIN\_LIGASE\_COMPLEX, GO\_SCF\_UBIQUITIN\_LIGASE\_COMPLEX  
GO\_MITOCHONDRIAL\_DNA\_METABOLIC\_PROCESS, GO\_MITOCHONDRIAL\_DNA\_METABOLIC\_PROCESS  
GO\_KINASE\_INHIBITOR\_ACTIVITY, GO\_KINASE\_INHIBITOR\_ACTIVITY  
GO\_PHOTOPERIODISM, GO\_PHOTOPERIODISM  
GO\_ATRIOVENTRICULAR\_VALVE\_DEVELOPMENT, GO\_ATRIOVENTRICULAR\_VALVE\_DEVELOPMENT  
GO\_CORTICOSTEROID\_RECEPTOR\_SIGNALING\_PATHWAY, GO\_CORTICOSTEROID\_RECEPTOR\_SIGNALING\_PATHWAY