

GOBP\_DNA\_INTEGRITY\_CHECKPOINT, GOBP\_DNA\_INTEGRITY\_CHECKPOINT

GOBP\_CELL\_CYCLE\_DNA\_REPLICATION, GOBP\_CELL\_CYCLE\_DNA\_REPLICATION  
GOBP\_REGULATION\_OF\_PROTEASOMAL\_PROTEIN\_CATABOLIC\_PROCESS, GOBP\_REGULATION\_OF\_PROTEASOMAL\_PROTEIN\_CATABOLIC\_PROCESS  
GOBP\_RNA\_PHOSPHODIESTER\_BOND\_HYDROLYSIS\_EXONUCLEOLYTIC, GOBP\_RNA\_PHOSPHODIESTER\_BOND\_HYDROLYSIS\_EXONUCLEOLYTIC  
GOBP\_SIGNAL\_TRANSDUCTION\_IN\_RESPONSE\_TO\_DNA\_DAMAGE, GOBP\_SIGNAL\_TRANSDUCTION\_IN\_RESPONSE\_TO\_DNA\_DAMAGE  
GOBP\_INTERSTRAND\_CROSS\_LINK\_REPAIR, GOBP\_INTERSTRAND\_CROSS\_LINK\_REPAIR  
GOBP\_NON\_RECOMBINATIONAL\_REPAIR, GOBP\_NON\_RECOMBINATIONAL\_REPAIR  
GOBP\_REGULATION\_OF\_PROTEASOMAL\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS, GOBP\_REGULATION\_OF\_PROTEASOMAL\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS  
GOBP\_POSTREPLICATION\_REPAIR, GOBP\_POSTREPLICATION\_REPAIR  
GOBP\_DNA\_DAMAGE\_RESPONSE\_SIGNAL\_TRANSDUCTION\_BY\_P53\_CLASS\_MEDIATOR, GOBP\_DNA\_DAMAGE\_RESPONSE\_SIGNAL\_TRANSDUCTION\_BY\_P53\_CLASS\_MEDIATOR  
GOBP\_PROTEIN\_INSERTION\_INTO\_MEMBRANE, GOBP\_PROTEIN\_INSERTION\_INTO\_MEMBRANE  
GOBP\_NUCLEAR\_TRANSCRIBED\_MRNA\_CATABOLIC\_PROCESS\_EXONUCLEOLYTIC, GOBP\_NUCLEAR\_TRANSCRIBED\_MRNA\_CATABOLIC\_PROCESS\_EXONUCLEOLYTIC  
GOBP\_RESPONSE\_TO\_UV, GOBP\_RESPONSE\_TO\_UV  
GOBP\_MITOTIC\_DNA\_INTEGRITY\_CHECKPOINT, GOBP\_MITOTIC\_DNA\_INTEGRITY\_CHECKPOINT  
GOBP\_REGULATION\_OF\_DNA\_REPAIR, GOBP\_REGULATION\_OF\_DNA\_REPAIR  
GOBP\_REGULATION\_OF\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS, GOBP\_REGULATION\_OF\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS  
GOBP\_NEGATIVE\_REGULATION\_OF\_RESPONSE\_TO\_DNA\_DAMAGE\_STIMULUS, GOBP\_NEGATIVE\_REGULATION\_OF\_RESPONSE\_TO\_DNA\_DAMAGE\_STIMULUS  
GOBP\_NUCLEOTIDE\_EXCISION\_REPAIR\_DNA\_INCISION, GOBP\_NUCLEOTIDE\_EXCISION\_REPAIR\_DNA\_INCISION  
GOBP\_PROTEIN\_K63\_LINKED\_DEUBIQUITINATION, GOBP\_PROTEIN\_K63\_LINKED\_DEUBIQUITINATION  
GOBP\_PEPTIDYL\_LYSINE\_ACETYLTATION, GOBP\_PEPTIDYL\_LYSINE\_ACETYLTATION  
GOBP\_BASE\_EXCISION\_REPAIR, GOBP\_BASE\_EXCISION\_REPAIR  
GOBP\_SIGNAL\_TRANSDUCTION\_INVOLVED\_IN\_CELL\_CYCLE\_CHECKPOINT, GOBP\_SIGNAL\_TRANSDUCTION\_INVOLVED\_IN\_CELL\_CYCLE\_CHECKPOINT  
GOBP\_PROTEIN\_ACETYLTATION, GOBP\_PROTEIN\_ACETYLTATION  
GOBP\_TELOMERE\_MAINTENANCE\_VIA\_SEMI\_CONSERVATIVE\_REPLICATION, GOBP\_TELOMERE\_MAINTENANCE\_VIA\_SEMI\_CONSERVATIVE\_REPLICATION  
GOBP\_REGULATION\_OF\_DOUBLE\_STRAND\_BREAK\_REPAIR\_VIA\_NONHOMOLOGOUS\_END\_JOINING, GOBP\_REGULATION\_OF\_DOUBLE\_STRAND\_BREAK\_REPAIR\_VIA\_NONHOMOLOGOUS\_END\_JOINING  
GOBP\_DNA\_SYNTHESIS\_INVOLVED\_IN\_DNA\_REPAIR, GOBP\_DNA\_SYNTHESIS\_INVOLVED\_IN\_DNA\_REPAIR  
GOBP\_POSITIVE\_REGULATION\_OF\_PROTEASOMAL\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS, GOBP\_POSITIVE\_REGULATION\_OF\_PROTEASOMAL\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS  
GOBP\_PROTEIN\_STABILIZATION, GOBP\_PROTEIN\_STABILIZATION  
GOBP\_POSITIVE\_REGULATION\_OF\_INTRACELLULAR\_PROTEIN\_TRANSPORT, GOBP\_POSITIVE\_REGULATION\_OF\_INTRACELLULAR\_PROTEIN\_TRANSPORT  
GOBP\_DNA\_STRAND\_ELONGATION, GOBP\_DNA\_STRAND\_ELONGATION  
GOBP\_MITOTIC\_G1\_S\_TRANSITION\_CHECKPOINT, GOBP\_MITOTIC\_G1\_S\_TRANSITION\_CHECKPOINT  
GOBP\_NUCLEOTIDE\_EXCISION\_REPAIR\_PREINCISION\_COMPLEX\_ASSEMBLY, GOBP\_NUCLEOTIDE\_EXCISION\_REPAIR\_PREINCISION\_COMPLEX\_ASSEMBLY  
GOBP\_NEGATIVE\_REGULATION\_OF\_DNA\_DEPENDENT\_DNA\_REPLICATION, GOBP\_NEGATIVE\_REGULATION\_OF\_DNA\_DEPENDENT\_DNA\_REPLICATION  
GOBP\_ORGANELLE\_INHERITANCE, GOBP\_ORGANELLE\_INHERITANCE  
GOBP\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_MITOCHONDRIAL\_MEMBRANE, GOBP\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_MITOCHONDRIAL\_MEMBRANE  
GOBP\_POSITIVE\_REGULATION\_OF\_CELLULAR\_PROTEIN\_CATABOLIC\_PROCESS, GOBP\_POSITIVE\_REGULATION\_OF\_CELLULAR\_PROTEIN\_CATABOLIC\_PROCESS  
GOBP\_ERROR\_FREE\_TRANSLESION\_SYNTHESIS, GOBP\_ERROR\_FREE\_TRANSLESION\_SYNTHESIS  
GOBP\_HISTONE\_H4\_ACETYLTATION, GOBP\_HISTONE\_H4\_ACETYLTATION  
GOBP\_MITOCHONDRIAL\_OUTER\_MEMBRANE\_PERMEABILIZATION, GOBP\_MITOCHONDRIAL\_OUTER\_MEMBRANE\_PERMEABILIZATION  
GOBP\_EXECUTION\_PHASE\_OF\_APOPTOSIS, GOBP\_EXECUTION\_PHASE\_OF\_APOPTOSIS  
GOBP\_MITOCHONDRIAL\_GENOME\_MAINTENANCE, GOBP\_MITOCHONDRIAL\_GENOME\_MAINTENANCE  
GOBP\_FORMATION\_OF\_EXTRACHROMOSOMAL\_CIRCULAR\_DNA, GOBP\_FORMATION\_OF\_EXTRACHROMOSOMAL\_CIRCULAR\_DNA  
GOBP\_REGULATION\_OF\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_MITOCHONDRION, GOBP\_REGULATION\_OF\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_MITOCHONDRION  
GOBP\_REGULATION\_OF\_DNA\_RECOMBINATION, GOBP\_REGULATION\_OF\_DNA\_RECOMBINATION  
GOBP\_POSITIVE\_REGULATION\_OF\_PROTEOLYSIS\_INVOLVED\_IN\_CELLULAR\_PROTEIN\_CATABOLIC\_PROCESS, GOBP\_POSITIVE\_REGULATION\_OF\_PROTEOLYSIS\_INVOLVED\_IN\_CELLULAR\_PROTEIN\_CATABOLIC\_PROCESS  
GOBP\_REGULATION\_OF\_DOUBLE\_STRAND\_BREAK\_REPAIR\_VIA\_HOMOLOGOUS\_RECOMBINATION, GOBP\_REGULATION\_OF\_DOUBLE\_STRAND\_BREAK\_REPAIR\_VIA\_HOMOLOGOUS\_RECOMBINATION  
GOBP\_POSITIVE\_REGULATION\_OF\_CELL\_CYCLE\_ARREST, GOBP\_POSITIVE\_REGULATION\_OF\_CELL\_CYCLE\_ARREST  
GOBP\_MITOTIC\_DNA\_REPLICATION, GOBP\_MITOTIC\_DNA\_REPLICATION  
GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEASOMAL\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS, GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEASOMAL\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS  
GOBP\_NEGATIVE\_REGULATION\_OF\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_BY\_P53\_CLASS\_MEDIATOR, GOBP\_NEGATIVE\_REGULATION\_OF\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_BY\_P53\_CLASS\_MEDIATOR  
GOBP\_DNA\_REPLICATION\_INITIATION, GOBP\_DNA\_REPLICATION\_INITIATION  
GOBP\_CELLULAR\_RESPONSE\_TO\_UV, GOBP\_CELLULAR\_RESPONSE\_TO\_UV  
GOBP\_NUCLEOTIDE\_EXCISION\_REPAIR\_DNA\_GAP\_FILLING, GOBP\_NUCLEOTIDE\_EXCISION\_REPAIR\_DNA\_GAP\_FILLING  
GOBP\_RESPONSE\_TO\_IONIZING\_RADIATION, GOBP\_RESPONSE\_TO\_IONIZING\_RADIATION  
GOBP\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_TELOMERE, GOBP\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_TELOMERE  
GOBP\_ACTIVATION\_OF\_CYSSTEINE\_TYPE\_ENDOPEPTIDASE\_ACTIVITY\_INVOLVED\_IN\_APOPTOTIC\_PROCESS, GOBP\_ACTIVATION\_OF\_CYSSTEINE\_TYPE\_ENDOPEPTIDASE\_ACTIVITY\_INVOLVED\_IN\_APOPTOTIC\_PROCESS  
GOBP\_REGULATION\_OF\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE\_BY\_P53\_CLASS\_MEDIATOR, GOBP\_REGULATION\_OF\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE\_BY\_P53\_CLASS\_MEDIATOR  
GOBP\_NUCLEOTIDE\_EXCISION\_REPAIR\_PREINCISION\_COMPLEX\_STABILIZATION, GOBP\_NUCLEOTIDE\_EXCISION\_REPAIR\_PREINCISION\_COMPLEX\_STABILIZATION  
GOBP\_NUCLEOTIDE\_EXCISION\_REPAIR\_DNA\_DUPLEX\_UNWINDING, GOBP\_NUCLEOTIDE\_EXCISION\_REPAIR\_DNA\_DUPLEX\_UNWINDING  
GOBP\_POSITIVE\_REGULATION\_OF\_CYSSTEINE\_TYPE\_ENDOPEPTIDASE\_ACTIVITY, GOBP\_POSITIVE\_REGULATION\_OF\_CYSSTEINE\_TYPE\_ENDOPEPTIDASE\_ACTIVITY  
GOBP\_DEVELOPMENT\_OF\_PRIMARY\_FEMALE\_SEXUAL\_CHARACTERISTICS, GOBP\_DEVELOPMENT\_OF\_PRIMARY\_FEMALE\_SEXUAL\_CHARACTERISTICS  
GOBP\_HISTONE\_DEUBIQUITINATION, GOBP\_HISTONE\_DEUBIQUITINATION  
GOBP\_DNA\_DAMAGE\_RESPONSE\_SIGNAL\_TRANSDUCTION\_RESULTING\_IN\_TRANSCRIPTION, GOBP\_DNA\_DAMAGE\_RESPONSE\_SIGNAL\_TRANSDUCTION\_RESULTING\_IN\_TRANSCRIPTION  
GOBP\_POSITIVE\_REGULATION\_OF\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_MITOCHONDRION, GOBP\_POSITIVE\_REGULATION\_OF\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_MITOCHONDRION  
GOBP\_POSITIVE\_REGULATION\_OF\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS, GOBP\_POSITIVE\_REGULATION\_OF\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS  
GOBP\_SEGMENTATION, GOBP\_SEGMENTATION  
GOBP\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE\_BY\_P53\_CLASS\_MEDIATOR, GOBP\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE\_BY\_P53\_CLASS\_MEDIATOR  
GOBP\_OVARIAN\_FOLLICLE\_DEVELOPMENT, GOBP\_OVARIAN\_FOLLICLE\_DEVELOPMENT  
GOBP\_NEGATIVE\_REGULATION\_OF\_NEURAL\_PRECURSOR\_CELL\_PROLIFERATION, GOBP\_NEGATIVE\_REGULATION\_OF\_NEURAL\_PRECURSOR\_CELL\_PROLIFERATION  
GOBP\_PEPTIDYL\_THREONINE\_MODIFICATION, GOBP\_PEPTIDYL\_THREONINE\_MODIFICATION  
GOBP\_DNA\_STRAND\_ELONGATION\_INVOLVED\_IN\_DNA\_REPLICATION, GOBP\_DNA\_STRAND\_ELONGATION\_INVOLVED\_IN\_DNA\_REPLICATION  
GOBP\_CELLULAR\_RESPONSE\_TO\_GAMMA\_RADIATION, GOBP\_CELLULAR\_RESPONSE\_TO\_GAMMA\_RADIATION  
GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEASOMAL\_PROTEIN\_CATABOLIC\_PROCESS, GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEASOMAL\_PROTEIN\_CATABOLIC\_PROCESS  
GOBP\_REGULATION\_OF\_MITOCHONDRIAL\_OUTER\_MEMBRANE\_PERMEABILIZATION\_INVOLVED\_IN\_APOPTOTIC\_SIGNALING\_PATHWAY, GOBP\_REGULATION\_OF\_MITOCHONDRIAL\_OUTER\_MEMBRANE\_PERMEABILIZATION\_INVOLVED\_IN\_APOPTOTIC\_SIGNALING\_PATHWAY  
GOBP\_LYMPHOID\_PROGENITOR\_CELL\_DIFFERENTIATION, GOBP\_LYMPHOID\_PROGENITOR\_CELL\_DIFFERENTIATION  
GOBP\_REGULATION\_OF\_DNA\_DAMAGE\_RESPONSE\_SIGNAL\_TRANSDUCTION\_BY\_P53\_CLASS\_MEDIATOR, GOBP\_REGULATION\_OF\_DNA\_DAMAGE\_RESPONSE\_SIGNAL\_TRANSDUCTION\_BY\_P53\_CLASS\_MEDIATOR  
GOBP\_NEGATIVE\_REGULATION\_OF\_DNA\_RECOMBINATION, GOBP\_NEGATIVE\_REGULATION\_OF\_DNA\_RECOMBINATION  
GOBP\_NEGATIVE\_REGULATION\_OF\_DNA\_REPAIR, GOBP\_NEGATIVE\_REGULATION\_OF\_DNA\_REPAIR  
GOBP\_POSITIVE\_REGULATION\_OF\_STRESS\_ACTIVATED\_PROTEIN\_KINASE\_SIGNALING\_CASCADE, GOBP\_POSITIVE\_REGULATION\_OF\_STRESS\_ACTIVATED\_PROTEIN\_KINASE\_SIGNALING\_CASCADE  
GOBP\_REGULATION\_OF\_ISOTYPE\_SWITCHING, GOBP\_REGULATION\_OF\_ISOTYPE\_SWITCHING  
GOBP\_RESPONSE\_TO\_CORTICOSTERONE, GOBP\_RESPONSE\_TO\_CORTICOSTERONE  
GOBP\_CHROMATIN\_SILENCING\_AT\_TELOMERE, GOBP\_CHROMATIN\_SILENCING\_AT\_TELOMERE  
GOBP\_MISMATCH\_REPAIR, GOBP\_MISMATCH\_REPAIR