

GSE2432, MULTIPOTENT\_VS\_COMMON\_CD\_PROGENTOR\_UNTREATED\_DN, GSE2432, MULTIPOTENT\_VS\_COMMON\_CD\_PROGENTOR\_UNTREATED\_DN  
GSE12845\_NAIVE\_VS\_DARKZONE\_GC\_TONSIL\_BCELL\_DN, GSE12845\_NAIVE\_VS\_DARKZONE\_GC\_TONSIL\_BCELL\_DN  
GSE7568\_IL4\_VS\_IL4\_AND\_TGFB\_TREATED\_MACROPHAGE\_24H\_DN, GSE7568\_IL4\_VS\_IL4\_AND\_TGFB\_TREATED\_MACROPHAGE\_24H\_DN  
GSE31082\_DP\_VS\_CD4\_SP\_THYMOCYTE\_UP, GSE31082\_DP\_VS\_CD4\_SP\_THYMOCYTE\_UP  
GSE3039\_ALPHABETA\_CD8\_TCELL\_VS\_B2\_BCELL\_DN, GSE3039\_ALPHABETA\_CD8\_TCELL\_VS\_B2\_BCELL\_DN  
GSE17721\_CTRL\_VS\_GARDIQUIMOD\_24H\_BMDC\_DN, GSE17721\_CTRL\_VS\_GARDIQUIMOD\_24H\_BMDC\_DN  
GSE17721\_CTRL\_VS\_LPS\_24H\_BMDC\_DN, GSE17721\_CTRL\_VS\_LPS\_24H\_BMDC\_DN  
GSE14415\_UNSTIM\_VS\_IPNB\_STIM\_NIH3T3\_CELLS\_DN, GSE14415\_UNSTIM\_VS\_IPNB\_STIM\_NIH3T3\_CELLS\_DN  
GSE8685\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_DN, GSE8685\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_DN  
GOBP\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_II\_PROMOTER, GOBP\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_II\_PROMOTER  
REACTOME\_TRANSCRIPTION\_OF\_THE\_HIV\_GENOME, REACTOME\_TRANSCRIPTION\_OF\_THE\_HIV\_GENOME  
GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_RAG2\_KO\_NK\_CELL\_DN, GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_RAG2\_KO\_NK\_CELL\_DN  
REACTOME\_HIV\_TRANSCRIPTION\_INITIATION, REACTOME\_HIV\_TRANSCRIPTION\_INITIATION  
HP\_CLUBBING, HP\_CLUBBING  
GOMF\_3\_5\_EXONUCLEASE\_ACTIVITY, GOMF\_3\_5\_EXONUCLEASE\_ACTIVITY  
GOBP\_RNA\_PHOSPHODIESTER\_BOND\_HYDROLYSIS\_EXONUCLEOLYTIC, GOBP\_RNA\_PHOSPHODIESTER\_BOND\_HYDROLYSIS\_EXONUCLEOLYTIC  
MIR6787\_3P, MIR6787\_3P  
GOMF\_EXORIBONUCLEASE\_ACTIVITY, GOMF\_EXORIBONUCLEASE\_ACTIVITY  
GOMF\_GENERAL\_TRANSCRIPTION\_INITIATION\_FACTOR\_BINDING, GOMF\_GENERAL\_TRANSCRIPTION\_INITIATION\_FACTOR\_BINDING  
MODULE\_332, MODULE\_332  
GSE17721\_LPS\_VS\_GARDIQUIMOD\_1H\_BMDC\_UP, GSE17721\_LPS\_VS\_GARDIQUIMOD\_1H\_BMDC\_UP  
REACTOME\_FORMATION\_OF\_THE\_EARLY\_ELONGATION\_COMPLEX, REACTOME\_FORMATION\_OF\_THE\_EARLY\_ELONGATION\_COMPLEX  
HP\_DRY\_SKIN, HP\_DRY\_SKIN  
HP\_NEONATAL\_RESPIRATORY\_DISTRESS, HP\_NEONATAL\_RESPIRATORY\_DISTRESS  
REACTOME\_HIV\_TRANSCRIPTION\_ELONGATION, REACTOME\_HIV\_TRANSCRIPTION\_ELONGATION  
GOMF\_RNA\_POLYMERASE\_II\_GENERAL\_TRANSCRIPTION\_INITIATION\_FACTOR\_ACTIVITY, GOMF\_RNA\_POLYMERASE\_II\_GENERAL\_TRANSCRIPTION\_INITIATION\_FACTOR\_ACTIVITY  
GOBP\_RNA\_CAPPING, GOBP\_RNA\_CAPPING  
GOBP\_REGULATION\_OF\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_II\_PROMOTER, GOBP\_REGULATION\_OF\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_II\_PROMOTER  
REACTOME\_SYNTHESIS\_OF\_ACTIVE\_UBIQUITIN\_ROLES\_OF\_E1\_AND\_E2\_ENZYMES, REACTOME\_SYNTHESIS\_OF\_ACTIVE\_UBIQUITIN\_ROLES\_OF\_E1\_AND\_E2\_ENZYMES  
BENITEZ\_GBM\_PROTEASOMALACTIVATION, BENITEZ\_GBM\_PROTEASOMALACTIVATION  
REACTOME\_MRNA\_CAPPING, REACTOME\_MRNA\_CAPPING  
GOMF\_LIGASE\_ACTIVITY\_FORMING\_CARBON\_NITROGEN\_BONDS, GOMF\_LIGASE\_ACTIVITY\_FORMING\_CARBON\_NITROGEN\_BONDS  
HP\_SUPERNUMERARY\_SPLEENS, HP\_SUPERNUMERARY\_SPLEENS  
GOCC\_EXORIBONUCLEASE\_COMPLEX, GOCC\_EXORIBONUCLEASE\_COMPLEX  
REACTOME\_TRANSCRIPTIONAL\_ACTIVITY\_OF\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER, REACTOME\_TRANSCRIPTIONAL\_ACTIVITY\_OF\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER  
MIR4695\_5P, MIR4695\_5P  
MORF\_PTEIN, MORF\_PTEIN  
GOBP\_NCRNA\_CATABOLIC\_PROCESS, GOBP\_NCRNA\_CATABOLIC\_PROCESS  
GOBP\_HISTONE\_DEACETYLATION, GOBP\_HISTONE\_DEACETYLATION  
HP\_APLASIA\_HYPOPLASIA\_OF\_THE\_SPLEEN, HP\_APLASIA\_HYPOPLASIA\_OF\_THE\_SPLEEN  
KEGG\_BASAL\_TRANSCRIPTION\_FACTORS, KEGG\_BASAL\_TRANSCRIPTION\_FACTORS  
GSE24210\_IL35\_TREATED\_VS\_UNTREATED\_TCONV\_CD4\_TCELL\_DN, GSE24210\_IL35\_TREATED\_VS\_UNTREATED\_TCONV\_CD4\_TCELL\_DN  
GOCC\_TRANSCRIPTION\_FACTOR\_TFIID\_COMPLEX, GOCC\_TRANSCRIPTION\_FACTOR\_TFIID\_COMPLEX  
HP\_CONADAL\_DYSGENESIS, HP\_CONADAL\_DYSGENESIS  
GOBP\_TRANSCRIPTION\_PREINITIATION\_COMPLEX\_ASSEMBLY, GOBP\_TRANSCRIPTION\_PREINITIATION\_COMPLEX\_ASSEMBLY  
MIR1238\_5P, MIR4758\_5P, MIR1238\_5P, MIR4758\_5P  
BILANGES\_SERUM\_SENSITIVE\_VIA\_TSC2, BILANGES\_SERUM\_SENSITIVE\_VIA\_TSC2  
HP\_THORACIC\_KYPHOSIS, HP\_THORACIC\_KYPHOSIS  
REACTOME\_ABORTIVE\_ELONGATION\_OF\_HIV\_1\_TRANSCRIPT\_IN\_THE\_ABSENCE\_OF\_TAT, REACTOME\_ABORTIVE\_ELONGATION\_OF\_HIV\_1\_TRANSCRIPT\_IN\_THE\_ABSENCE\_OF\_TAT  
HUMMEL\_BURKITTIS\_LYMPHOMA\_UP, HUMMEL\_BURKITTIS\_LYMPHOMA\_UP  
REACTOME\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER\_REGULATES\_TRANSCRIPTION, REACTOME\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER\_REGULATES\_TRANSCRIPTION  
GOBP\_CELLULAR\_MODIFIED\_AMINO\_ACID\_BIOSYNTHETIC\_PROCESS, GOBP\_CELLULAR\_MODIFIED\_AMINO\_ACID\_BIOSYNTHETIC\_PROCESS  
CHECK\_RESPONSE\_TO\_MERCAPTOPYRINE\_AND\_HD\_MTX\_DN, CHECK\_RESPONSE\_TO\_MERCAPTOPYRINE\_AND\_HD\_MTX\_DN  
GOBP\_N\_TERMINAL\_PROTEIN\_AMINO\_ACID\_MODIFICATION, GOBP\_N\_TERMINAL\_PROTEIN\_AMINO\_ACID\_MODIFICATION  
GOCC\_SIN3\_COMPLEX, GOCC\_SIN3\_COMPLEX  
GOCC\_MRNA\_CLEAVAGE\_FACTOR\_COMPLEX, GOCC\_MRNA\_CLEAVAGE\_FACTOR\_COMPLEX  
GOBP\_MICROTUBULE\_NUCLEATION, GOBP\_MICROTUBULE\_NUCLEATION  
GOMF\_PROTEIN\_DISULFIDE\_ISOMERASE\_ACTIVITY, GOMF\_PROTEIN\_DISULFIDE\_ISOMERASE\_ACTIVITY  
HP\_BRONCHITIS, HP\_BRONCHITIS  
MIR7851\_3P, MIR7851\_3P  
HP\_BILATERAL\_MICROPTHALMOS, HP\_BILATERAL\_MICROPTHALMOS  
GOBP\_MICROTUBULE\_POLYMERIZATION, GOBP\_MICROTUBULE\_POLYMERIZATION  
GOBP\_DIOL\_BIOSYNTHETIC\_PROCESS, GOBP\_DIOL\_BIOSYNTHETIC\_PROCESS  
HP\_ABNORMAL\_VENA\_CAVA\_MORPHOLOGY, HP\_ABNORMAL\_VENA\_CAVA\_MORPHOLOGY  
GOBP\_POLYOL\_BIOSYNTHETIC\_PROCESS, GOBP\_POLYOL\_BIOSYNTHETIC\_PROCESS  
NIKOLSKY\_BREAST\_CANCER\_17Q11\_Q21\_AMPLICON, NIKOLSKY\_BREAST\_CANCER\_17Q11\_Q21\_AMPLICON  
HP\_CONGENITAL\_MALFORMATION\_OF\_THE\_RIGHT\_HEART, HP\_CONGENITAL\_MALFORMATION\_OF\_THE\_RIGHT\_HEART  
GOBP\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS\_VIA\_THE\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY, GOBP\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS\_VIA\_THE\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY  
BROWNE\_HCMV\_INFECTION\_30MIN\_DN, BROWNE\_HCMV\_INFECTION\_30MIN\_DN  
HP\_WHEEZING, HP\_WHEEZING  
HP\_CHRONIC\_SINUSITIS, HP\_CHRONIC\_SINUSITIS  
GOMF\_TBP\_CLASS\_PROTEIN\_BINDING, GOMF\_TBP\_CLASS\_PROTEIN\_BINDING  
HP\_HYPOPLASIA\_OF\_DENTAL\_ENAMEL, HP\_HYPOPLASIA\_OF\_DENTAL\_ENAMEL  
GNF\_RAD25A, GNF\_RAD25A  
GOBP\_NEGATIVE\_REGULATION\_OF\_DNA\_REPLICATION, GOBP\_NEGATIVE\_REGULATION\_OF\_DNA\_REPLICATION  
HP\_MACULAR\_DEGENERATION, HP\_MACULAR\_DEGENERATION  
GOBP\_VIRAL\_BUDDING, GOBP\_VIRAL\_BUDDING  
REACTOME\_MRNA\_DECAY\_BY\_3\_TO\_5\_EXORIBONUCLEASE, REACTOME\_MRNA\_DECAY\_BY\_3\_TO\_5\_EXORIBONUCLEASE  
HP\_PRODUCTIVE\_COUGH, HP\_PRODUCTIVE\_COUGH  
GOCC\_CARBOXY\_TERMINAL\_DOMAIN\_PROTEIN\_KINASE\_COMPLEX, GOCC\_CARBOXY\_TERMINAL\_DOMAIN\_PROTEIN\_KINASE\_COMPLEX  
HP\_CHRONIC\_RHINITIS, HP\_CHRONIC\_RHINITIS  
GOBP\_POLY\_A\_PLUS\_MRNA\_EXPORT\_FROM\_NUCLEUS, GOBP\_POLY\_A\_PLUS\_MRNA\_EXPORT\_FROM\_NUCLEUS  
GOBP\_DIOL\_METABOLIC\_PROCESS, GOBP\_DIOL\_METABOLIC\_PROCESS  
HP\_ABNORMAL\_NASAL\_MUCOSA\_MORPHOLOGY, HP\_ABNORMAL\_NASAL\_MUCOSA\_MORPHOLOGY  
REACTOME\_SIGNALING\_BY\_FGFR\_IN\_DISEASE, REACTOME\_SIGNALING\_BY\_FGFR\_IN\_DISEASE  
REACTOME\_NOTCH\_HH\_TRANSCRIPTION\_PATHWAY, REACTOME\_NOTCH\_HH\_TRANSCRIPTION\_PATHWAY  
GOBP\_MODULATION\_BY\_HOST\_OF\_SYMBIONT\_PROCESS, GOBP\_MODULATION\_BY\_HOST\_OF\_SYMBIONT\_PROCESS  
GOCC\_N\_TERMINAL\_PROTEIN\_ACETYLTRANSFERASE\_COMPLEX, GOCC\_N\_TERMINAL\_PROTEIN\_ACETYLTRANSFERASE\_COMPLEX  
REACTOME\_KSRP\_KHSRP\_BINDS\_AND\_DESTABILIZES\_MRNA, REACTOME\_KSRP\_KHSRP\_BINDS\_AND\_DESTABILIZES\_MRNA  
HP\_RECURRENT\_MYCOBACTERIAL\_INFECTIONS, HP\_RECURRENT\_MYCOBACTERIAL\_INFECTIONS  
HOXD1\_TARGET\_GENES, HOXD1\_TARGET\_GENES  
REACTOME\_METABOLISM\_OF\_FOLATE\_AND\_PTERINES, REACTOME\_METABOLISM\_OF\_FOLATE\_AND\_PTERINES  
GOBP\_RNA\_SURVEILLANCE, GOBP\_RNA\_SURVEILLANCE  
HP\_DEFECTIVE\_DNA\_REPAIR\_AFTER\_ULTRAVIOLET\_RADIATION\_DAMAGE, HP\_DEFECTIVE\_DNA\_REPAIR\_AFTER\_ULTRAVIOLET\_RADIATION\_DAMAGE  
HP\_NASAL\_OBSTRUCTION, HP\_NASAL\_OBSTRUCTION  
GOBP\_REGULATION\_OF\_MICROTUBULE\_POLYMERIZATION, GOBP\_REGULATION\_OF\_MICROTUBULE\_POLYMERIZATION  
GOMF\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_THE\_CH\_NH\_GROUP\_OF\_DONORS, GOMF\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_THE\_CH\_NH\_GROUP\_OF\_DONORS  
HP\_TRANSPOSITION\_OF\_THE\_GREAT\_ARTERIES, HP\_TRANSPOSITION\_OF\_THE\_GREAT\_ARTERIES  
GOCC\_SIN3\_COMPLEX, GOCC\_SIN3\_COMPLEX  
GOMF\_BETA\_TUBULIN\_BINDING, GOMF\_BETA\_TUBULIN\_BINDING  
MIR1285\_5P, MIR1285\_5P  
VECCHI\_GASTRIC\_CANCER\_ADVANCED\_VS\_EARLY\_DN, VECCHI\_GASTRIC\_CANCER\_ADVANCED\_VS\_EARLY\_DN  
REACTOME\_BUTYRATE\_RESPONSE\_FACTOR\_1\_BRF1\_BINDS\_AND\_DESTABILIZES\_MRNA, REACTOME\_BUTYRATE\_RESPONSE\_FACTOR\_1\_BRF1\_BINDS\_AND\_DESTABILIZES\_MRNA  
HP\_FEMALE\_INFERTILITY, HP\_FEMALE\_INFERTILITY  
REACTOME\_LYSOSOME\_VESICLE\_BIOGENESIS, REACTOME\_LYSOSOME\_VESICLE\_BIOGENESIS  
HP\_CONGENITAL\_MICROCEPHALY, HP\_CONGENITAL\_MICROCEPHALY  
HP\_POLYSPLEMIA, HP\_POLYSPLEMIA  
GOBP\_REGULATION\_OF\_ANDROGEN\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_REGULATION\_OF\_ANDROGEN\_RECEPTOR\_SIGNALING\_PATHWAY  
GOBP\_POSITIVE\_REGULATION\_OF\_MICROTUBULE\_POLYMERIZATION\_OR\_DEPOLYMERIZATION, GOBP\_POSITIVE\_REGULATION\_OF\_MICROTUBULE\_POLYMERIZATION\_OR\_DEPOLYMERIZATION  
HP\_DIFFUSE\_CEREBELLAR\_ATROPHY, HP\_DIFFUSE\_CEREBELLAR\_ATROPHY  
REACTOME\_TRISTETRAPROLIN\_TTP\_ZFP36\_BINDS\_AND\_DESTABILIZES\_MRNA, REACTOME\_TRISTETRAPROLIN\_TTP\_ZFP36\_BINDS\_AND\_DESTABILIZES\_MRNA  
MIR6807\_5P, MIR6807\_5P  
GOBP\_POSITIVE\_REGULATION\_OF\_TRANSLATIONAL\_INITIATION, GOBP\_POSITIVE\_REGULATION\_OF\_TRANSLATIONAL\_INITIATION  
GOBP\_EXTRACELLULAR\_TRANSPORT, GOBP\_EXTRACELLULAR\_TRANSPORT  
GOBP\_RRNA\_CATABOLIC\_PROCESS, GOBP\_RRNA\_CATABOLIC\_PROCESS  
HP\_ABNORMAL\_atrial\_ARRANGEMENT, HP\_ABNORMAL\_atrial\_ARRANGEMENT  
HP\_ABSENCE\_OF\_SUBCUTANEOUS\_FAT, HP\_ABSENCE\_OF\_SUBCUTANEOUS\_FAT  
HP\_ABNORMALITY\_OF\_THE\_PULMONARY\_VEINS, HP\_ABNORMALITY\_OF\_THE\_PULMONARY\_VEINS  
HP\_ABNORMAL\_RESPIRATORY\_MOTILE\_CILIUM\_PHYSIOLOGY, HP\_ABNORMAL\_RESPIRATORY\_MOTILE\_CILIUM\_PHYSIOLOGY  
GOBP\_REGULATION\_OF\_CILIUM\_MOVEMENT, GOBP\_REGULATION\_OF\_CILIUM\_MOVEMENT  
GOMF\_SODIUM\_CHANNEL\_REGULATOR\_ACTIVITY, GOMF\_SODIUM\_CHANNEL\_REGULATOR\_ACTIVITY  
GOMF\_SERINE\_TYPE\_CARBOXYPEPTIDASE\_ACTIVITY, GOMF\_SERINE\_TYPE\_CARBOXYPEPTIDASE\_ACTIVITY  
MIR4538, MIR4538  
GOMF\_RIBOSOMAL\_LARGE\_SUBUNIT\_BINDING, GOMF\_RIBOSOMAL\_LARGE\_SUBUNIT\_BINDING  
GOMF\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_THE\_CH\_NH\_GROUP\_OF\_DONORS\_NAD\_OR\_NADP\_AS\_ACCEPTOR, GOMF\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_THE\_CH\_NH\_GROUP\_OF\_DONORS\_NAD\_OR\_NADP\_AS\_ACCEPTOR  
WP\_RETT\_SYNDROME\_CAUSING\_GENES, WP\_RETT\_SYNDROME\_CAUSING\_GENES  
MIR660\_3P, MIR660\_3P  
GOBP\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_III\_PROMOTER, GOBP\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_III\_PROMOTER  
GOBP\_REGULATION\_OF\_MICROTUBULE\_BASED\_MOVEMENT, GOBP\_REGULATION\_OF\_MICROTUBULE\_BASED\_MOVEMENT  
HP\_ABNORMAL\_BRONCHUS\_PHYSIOLOGY, HP\_ABNORMAL\_BRONCHUS\_PHYSIOLOGY  
MIR4453, MIR4453  
MIR5186, MIR5186  
GOBP\_CORTICOSTEROID\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_CORTICOSTEROID\_RECEPTOR\_SIGNALING\_PATHWAY  
GOBP\_FOLIC\_ACID\_METABOLIC\_PROCESS, GOBP\_FOLIC\_ACID\_METABOLIC\_PROCESS  
HP\_DELUSIONS, HP\_DELUSIONS  
HP\_HYPOMIMIC\_FACE, HP\_HYPOMIMIC\_FACE  
HP\_ABNORMAL\_RESPIRATORY\_MOTILE\_CILIUM\_MORPHOLOGY, HP\_ABNORMAL\_RESPIRATORY\_MOTILE\_CILIUM\_MORPHOLOGY  
MIR12126, MIR12126  
GOCC\_CYTOPLASMIC\_EXOSOME\_RNASE\_COMPLEX, GOCC\_CYTOPLASMIC\_EXOSOME\_RNASE\_COMPLEX  
REACTOME\_DOWNREGULATION\_OF\_ERBB4\_SIGNALING, REACTOME\_DOWNREGULATION\_OF\_ERBB4\_SIGNALING  
HP\_GENERALIZED\_HYPERREFLEXIA, HP\_GENERALIZED\_HYPERREFLEXIA  
GOBP\_S5\_CLASS\_RRNA\_TRANSCRIPTION\_BY\_RNA\_POLYMERASE\_III, GOBP\_S5\_CLASS\_RRNA\_TRANSCRIPTION\_BY\_RNA\_POLYMERASE\_III  
GOCC\_TRANSCRIPTION\_FACTOR\_TFIIC\_COMPLEX, GOCC\_TRANSCRIPTION\_FACTOR\_TFIIC\_COMPLEX  
NKX25\_O1, NKX25\_O1  
CHECK\_RESPONSE\_TO\_MERCAPTOPYRINE\_AND\_LD\_MTX\_UP, CHECK\_RESPONSE\_TO\_MERCAPTOPYRINE\_AND\_LD\_MTX\_UP  
HP\_PARANOIA, HP\_PARANOIA  
GOBP\_PTERIDINE\_CONTAINING\_COMPOUND\_BIOSYNTHETIC\_PROCESS, GOBP\_PTERIDINE\_CONTAINING\_COMPOUND\_BIOSYNTHETIC\_PROCESS  
GOBP\_POSITIVE\_REGULATION\_OF\_FEEDING\_BEHAVIOR, GOBP\_POSITIVE\_REGULATION\_OF\_FEEDING\_BEHAVIOR  
GOBP\_HISTONE\_H4\_K12\_ACETYLATION, GOBP\_HISTONE\_H4\_K12\_ACETYLATION  
HP\_SHUFFLING\_GAIT, HP\_SHUFFLING\_GAIT  
GOCC\_CENTRIOLAR\_SUBDISTAL\_APPENDAGE, GOCC\_CENTRIOLAR\_SUBDISTAL\_APPENDAGE  
GOBP\_REPLICATION\_FORK\_PROTECTION, GOBP\_REPLICATION\_FORK\_PROTECTION  
GOBP\_REGULATION\_OF\_PROTEIN\_LOCALIZATION\_TO\_NUCLEOLUS, GOBP\_REGULATION\_OF\_PROTEIN\_LOCALIZATION\_TO\_NUCLEOLUS  
GOMF\_ARYL\_HYDROCARBON\_RECEPTOR\_BINDING, GOMF\_ARYL\_HYDROCARBON\_RECEPTOR\_BINDING  
GOBP\_N\_TERMINAL\_PPTIDYL METHIONINE ACETYLATION, GOBP\_N\_TERMINAL\_PPTIDYL METHIONINE ACETYLATION  
GOBP\_REGULATION\_OF\_MITOCHONDRIAL\_ATP\_SYNTHESIS\_COUPLED\_ELECTRON\_TRANSPORT, GOBP\_REGULATION\_OF\_MITOCHONDRIAL\_ATP\_SYNTHESIS\_COUPLED\_ELECTRON\_TRANSPORT  
HP\_BIRD\_LIKE\_FACIES, HP\_BIRD\_LIKE\_FACIES  
HP\_LEWY\_BODIES, HP\_LEWY\_BODIES  
HP\_PANHYPOGAMMAGLOBULINEMIA, HP\_PANHYPOGAMMAGLOBULINEMIA  
WP\_SPLICING\_FACTOR\_NOVA\_REGULATED\_SYNAPTIC\_PROTEINS, WP\_SPLICING\_FACTOR\_NOVA\_REGULATED\_SYNAPTIC\_PROTEINS  
GOMF\_LIGASE\_ACTIVITY\_FORMING\_PHOSPHORIC\_ESTER\_BONDS, GOMF\_LIGASE\_ACTIVITY\_FORMING\_PHOSPHORIC\_ESTER\_BONDS  
REACTOME\_ROLE\_OF\_ABL\_IN\_ROBO\_SLIT\_SIGNALING, REACTOME\_ROLE\_OF\_ABL\_IN\_ROBO\_SLIT\_SIGNALING  
GOMF\_UBIQUITINATION\_LIKE\_MODIFICATION\_DEPENDENT\_PROTEIN\_BINDING, GOMF\_UBIQUITINATION\_LIKE\_MODIFICATION\_DEPENDENT\_PROTEIN\_BINDING  
SNATC2\_TARGET\_GENES, SNATC2\_TARGET\_GENES  
HP\_ABNORMAL\_SUBSTANTIA\_NIGRA\_MORPHOLOGY, HP\_ABNORMAL\_SUBSTANTIA\_NIGRA\_MORPHOLOGY  
GOBP\_EMBRYONIC\_BODY\_MORPHOGENESIS, GOBP\_EMBRYONIC\_BODY\_MORPHOGENESIS  
HP\_HIGH\_FREQUENCY\_HEARING\_IMPAIRMENT, HP\_HIGH\_FREQUENCY\_HEARING\_IMPAIRMENT  
GOCC\_KINETOCHORE\_MICROTUBULE, GOCC\_KINETOCHORE\_MICROTUBULE  
HP\_LONG\_UPPER\_LIP, HP\_LONG\_UPPER\_LIP  
GOCC\_TRANSCRIPTION\_PREINITIATION\_COMPLEX, GOCC\_TRANSCRIPTION\_PREINITIATION\_COMPLEX  
HP\_WRITER\_S\_CRAMP, HP\_WRITER\_S\_CRAMP  
GOMF\_PEPTIDE\_ALPHA\_N\_ACETYLTTRANSFERASE\_ACTIVITY, GOMF\_PEPTIDE\_ALPHA\_N\_ACETYLTTRANSFERASE\_ACTIVITY  
OZEN\_MIR125B1\_TARGETS, OZEN\_MIR125B1\_TARGETS  
GOBP\_POSITIVE\_REGULATION\_OF\_NUCLEOBASE\_CONTAINING\_COMPOUND\_TRANSPORT, GOBP\_POSITIVE\_REGULATION\_OF\_NUCLEOBASE\_CONTAINING\_COMPOUND\_TRANSPORT  
REACTOME\_APEX1\_INDEPENDENT\_RESOLUTION\_OF\_AP\_SITES\_VIA\_THE\_SINGLE\_NUCLEOTIDE\_EXCHANGE\_PATHWAY, REACTOME\_APEX1\_INDEPENDENT\_RESOLUTION\_OF\_AP\_SITES\_VIA\_THE\_SINGLE\_NUCLEOTIDE\_EXCHANGE\_PATHWAY  
EVL1\_O6, EVL1\_O6  
EHLERS\_ANEUPLOIDY\_DN, EHLERS\_ANEUPLOIDY\_DN  
GOBP\_10\_FORMYLTETRAHYDROFOLATE\_METABOLIC\_PROCESS, GOBP\_10\_FORMYLTETRAHYDROFOLATE\_METABOLIC\_PROCESS  
GOCC\_POSTSYNAPTIC\_RECYCLING\_ENDOSOME, GOCC\_POSTSYNAPTIC\_RECYCLING\_ENDOSOME  
ABE\_INNER\_EAR, ABE\_INNER\_EAR  
GOBP\_BLEB\_ASSEMBLY, GOBP\_BLEB\_ASSEMBLY  
GOBP\_VITAMIN\_D\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_VITAMIN\_D\_RECEPTOR\_SIGNALING\_PATHWAY  
GOBP\_RESPONSE\_TO\_SELENIUM\_ION, GOBP\_RESPONSE\_TO\_SELENIUM\_ION  
MIR193A\_5P, MIR193A\_5P  
GOBP\_FORMATE\_METABOLIC\_PROCESS, GOBP\_FORMATE\_METABOLIC\_PROCESS  
HP\_BILIARY\_TRACT\_NEOPLASM, HP\_BILIARY\_TRACT\_NEOPLASM  
MIR4798\_3P, MIR4798\_3P  
GOBP\_NEGATIVE\_REGULATION\_OF\_AMYLOID\_FIBRIL\_FORMATION, GOBP\_NEGATIVE\_REGULATION\_OF\_AMYLOID\_FIBRIL\_FORMATION  
GOMF\_UBIQUITIN\_DEPENDENT\_PROTEIN\_BINDING, GOMF\_UBIQUITIN\_DEPENDENT\_PROTEIN\_BINDING  
GOBP\_HISTONE\_H2A\_K63\_LINKED\_UBIQUITINATION, GOBP\_HISTONE\_H2A\_K63\_LINKED\_UBIQUITINATION  
GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_FOLDING, GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_FOLDING  
GOCC\_PARASPECKLES, GOCC\_PARASPECKLES  
GOMF\_RNA\_POLYMERASE\_III\_GENERAL\_TRANSCRIPTION\_INITIATION\_FACTOR\_ACTIVITY, GOMF\_RNA\_POLYMERASE\_III\_GENERAL\_TRANSCRIPTION\_INITIATION\_FACTOR\_ACTIVITY  
GOMF\_KINETOCHORE\_BINDING, GOMF\_KINETOCHORE\_BINDING  
HP\_BROAD\_PALM, HP\_BROAD\_PALM  
GOBP\_MATERNAL\_PROCESS\_INVOLVED\_IN\_FEMALE\_PREGNANCY, GOBP\_MATERNAL\_PROCESS\_INVOLVED\_IN\_FEMALE\_PREGNANCY  
GOBP\_NEGATIVE\_REGULATION\_OF\_EPIDERMAL\_GROWTH\_FACTOR\_ACTIVATED\_RECEPTOR\_ACTIVITY, GOBP\_NEGATIVE\_REGULATION\_OF\_EPIDERMAL\_GROWTH\_FACTOR\_ACTIVATED\_RECEPTOR\_ACTIVITY  
HP\_BROAD\_FACE, HP\_BROAD\_FACE  
GOBP\_ESTABLISHMENT\_OR\_MAINTENANCE\_OF\_CYTOSKELETON\_POLARITY, GOBP\_ESTABLISHMENT\_OR\_MAINTENANCE\_OF\_CYTOSKELETON\_POLARITY  
HP\_ABNORMALITY\_OF\_BODY\_MASS\_INDEX, HP\_ABNORMALITY\_OF\_BODY\_MASS\_INDEX  
GOCC\_LEWY\_BODY, GOCC\_LEWY\_BODY  
GOCC\_CYCLIN\_CDK\_POSITIVE\_TRANSCRIPTION\_ELONGATION\_FACTOR\_COMPLEX, GOCC\_CYCLIN\_CDK\_POSITIVE\_TRANSCRIPTION\_ELONGATION\_FACTOR\_COMPLEX  
HP\_PHTHISIS\_BULBI, HP\_PHTHISIS\_BULBI  
HP\_ALOPECIA\_OF\_SCALP, HP\_ALOPECIA\_OF\_SCALP  
HP\_DYSTROPHIC\_FINGERNAILS, HP\_DYSTROPHIC\_FINGERNAILS  
GOBP\_PROTOPORPHYRINOGEN\_IX\_METABOLIC\_PROCESS, GOBP\_PROTOPORPHYRINOGEN\_IX\_METABOLIC\_PROCESS  
HP\_FOCAL\_CORTICAL\_DYSPLASIA, HP\_FOCAL\_CORTICAL\_DYSPLASIA  
GOBP\_REGULATION\_OF\_WOUND\_HEALING\_SPREADING\_OF\_EPIDERMAL\_CELLS, GOBP\_REGULATION\_OF\_WOUND\_HEALING\_SPREADING\_OF\_EPIDERMAL\_CELLS  
MATZUK\_MATERNAL\_EFFECT\_MATZUK\_MATERNAL\_EFFECT  
GOBP\_EMBRYONIC\_NEUROCRANIUM\_MORPHOGENESIS, GOBP\_EMBRYONIC\_NEUROCRANIUM\_MORPHOGENESIS  
REACTOME\_REGULATION\_OF\_PTEIN\_LOCALIZATION, REACTOME\_REGULATION\_OF\_PTEIN\_LOCALIZATION  
GOMF\_PHOSPHATIDYLINOSITOL\_BISPHOSPHATE\_KINASE\_ACTIVITY, GOMF\_PHOSPHATIDYLINOSITOL\_BISPHOSPHATE\_KINASE\_ACTIVITY  
BIOCARTA\_RARRXR\_PATHWAY, BIOCARTA\_RARRXR\_PATHWAY  
HP\_RECURRENT\_HAEMOPHILUS\_INFLUENZAE\_INFECTIONS, HP\_RECURRENT\_HAEMOPHILUS\_INFLUENZAE\_INFECTIONS  
GOBP\_HISTONE\_THREONINE\_PHOSPHORYLATION, GOBP\_HISTONE\_THREONINE\_PHOSPHORYLATION  
GOBP\_GOLGI\_DISASSEMBLY, GOBP\_GOLGI\_DISASSEMBLY  
GOMF\_HISTONE\_THREONINE\_KINASE\_ACTIVITY, GOMF\_HISTONE\_THREONINE\_KINASE\_ACTIVITY  
PARK\_APL\_PATHOGENESIS\_UP, PARK\_APL\_PATHOGENESIS\_UP  
WP\_DEVELOPMENT\_OF\_PULMONARY\_DENDRITIC\_CELLS\_AND\_MACROPHAGE\_SUBSETS, WP\_DEVELOPMENT\_OF\_PULMONARY\_DENDRITIC\_CELLS\_AND\_MACROPHAGE\_SUBSETS  
GOBP\_AMINOACYL\_TRNA\_METABOLISM\_INVOLVED\_IN\_TRANSLATIONAL\_FIDELITY, GOBP\_AMINOACYL\_TRNA\_METABOLISM\_INVOLVED\_IN\_TRANSLATIONAL\_FIDELITY  
GOMF\_AMINOACYL\_TRNA\_EDITING\_ACTIVITY, GOMF\_AMINOACYL\_TRNA\_EDITING\_ACTIVITY  
GARGALOVIC\_RESPONSE\_TO\_OXIDIZED\_PHOSPHOLIPIDS\_BLACK\_DN, GARGALOVIC\_RESPONSE\_TO\_OXIDIZED\_PHOSPHOLIPIDS\_BLACK\_DN  
HP\_WIDE\_NASAL\_RIDGE, HP\_WIDE\_NASAL\_RIDGE  
GOBP\_REGULATION\_OF\_CILIUM\_BEAT\_FREQUENCY\_INVOLVED\_IN\_CILIARY\_MOTILITY, GOBP\_REGULATION\_OF\_CILIUM\_BEAT\_FREQUENCY\_INVOLVED\_IN\_CILIARY\_MOTILITY  
GOMF\_NADP\_RETINOL\_DEHYDROGENASE\_ACTIVITY, GOMF\_NADP\_RETINOL\_DEHYDROGENASE\_ACTIVITY  
GOBP\_CALCIDIUM\_ACTIVATED\_PHOSPHOLIPID\_SCRAMBLING, GOBP\_CALCIDIUM\_ACTIVATED\_PHOSPHOLIPID\_SCRAMBLING  
GOCC\_BASAL\_CORTEX, GOCC\_BASAL\_CORTEX  
HP\_ELEVATED\_URINARY\_DELTA\_AMINOLEVULINIC\_ACID, HP\_ELEVATED\_URINARY\_DELTA\_AMINOLEVULINIC\_ACID  
HP\_OVERHANGING\_NASAL\_TIP, HP\_OVERHANGING\_NASAL\_TIP  
HP\_INCREASED\_BODY\_MASS\_INDEX, HP\_INCREASED\_BODY\_MASS\_INDEX  
GOCC\_POLAR\_MICROTUBULE, GOCC\_POLAR\_MICROTUBULE  
REACTOME\_PTK6\_EXPRESSION, REACTOME\_PTK6\_EXPRESSION  
HP\_NEONATAL\_ASPHYXIA, HP\_NEONATAL\_ASPHYXIA  
GOBP\_REGULATION\_OF\_POTASSIUM\_ION\_EXPORT\_ACROSS\_PLASMA\_MEMBRANE, GOBP\_REGULATION\_OF\_POTASSIUM\_ION\_EXPORT\_ACROSS\_PLASMA\_MEMBRANE  
chr12q15, chr12q15  
BIOCARTA\_AHSP\_PATHWAY, BIOCARTA\_AHSP\_PATHWAY  
HP\_CHROMOSOMAL\_BREAKAGE\_INDUCED\_BY\_IONIZING\_RADIATION, HP\_CHROMOSOMAL\_BREAKAGE\_INDUCED\_BY\_IONIZING\_RADIATION  
GOBP\_REGULATION\_OF\_EXTRACELLULAR\_MATRIX\_ASSEMBLY, GOBP\_REGULATION\_OF\_EXTRACELLULAR\_MATRIX\_ASSEMBLY  
HP\_SUBCORTICAL\_HETEROTOPIA, HP\_SUBCORTICAL\_HETEROTOPIA  
GOBP\_MITOTIC\_NUCLEAR\_MEMBRANE\_ORGANIZATION, GOBP\_MITOTIC\_NUCLEAR\_MEMBRANE\_ORGANIZATION  
GOBP\_POSITIVE\_REGULATION\_OF\_EXTRACELLULAR\_MATRIX\_ASSEMBLY, GOBP\_POSITIVE\_REGULATION\_OF\_EXTRACELLULAR\_MATRIX\_ASSEMBLY  
REACTOME\_ORGANIC\_ANION\_TRANSPORTERS, REACTOME\_ORGANIC\_ANION\_TRANSPORTERS  
GOBP\_EMBRYONIC\_VISCEROCRANIUM\_MORPHOGENESIS, GOBP\_EMBRYONIC\_VISCEROCRANIUM\_MORPHOGENESIS  
GOMF\_CARBON\_NITROGEN\_LIGASE\_ACTIVITY\_WITH GLUTAMINE\_AS\_AMIDO\_N\_DONOR, GOMF\_CARBON\_NITROGEN\_LIGASE\_ACTIVITY\_WITH GLUTAMINE\_AS\_AMIDO\_N\_DONOR  
GOBP\_REGULATION\_OF\_CILIUM\_BEAT\_FREQUENCY, GOBP\_REGULATION\_OF\_CILIUM\_BEAT\_FREQUENCY  
GOBP\_BRANCHING\_INVOLVED\_IN\_PROSTATE\_GLAND\_MORPHOGENESIS, GOBP\_BRANCHING\_INVOLVED\_IN\_PROSTATE\_GLAND\_MORPHOGENESIS  
HP\_PSYCHOTIC\_EPSODES, HP\_PSYCHOTIC\_EPSODES  
GOMF\_VOLTAGE\_GATED\_CHLORIDE\_CHANNEL\_ACTIVITY, GOMF\_VOLTAGE\_GATED\_CHLORIDE\_CHANNEL\_ACTIVITY  
FOURNIER\_ACINAR\_DEVELOPMENT\_LATE\_UP, FOURNIER\_ACINAR\_DEVELOPMENT\_LATE\_UP  
HP\_INTRAVENTRICULAR\_HEMORRHAGE, HP\_INTRAVENTRICULAR\_HEMORRHAGE  
GOBP\_PROTEIN\_DE\_ADP\_RIBOSYLATION, GOBP\_PROTEIN\_DE\_ADP\_RIBOSYLATION  
QUEREC\_MODEL\_PBMC\_YF\_17D\_VACCINE\_AGE\_18\_45\_7D\_PREDICTIVE, QUEREC\_MODEL\_PBMC\_YF\_17D\_VACCINE\_AGE\_18\_45\_7D\_PREDICTIVE  
HP\_SUBSTANTIA\_NIGRA\_GLIOSIS, HP\_SUBSTANTIA\_NIGRA\_GLIOSIS  
GOMF\_UBIQUITIN\_LIGASE\_SUBSTRATE\_ADAPTOR\_ACTIVITY, GOMF\_UBIQUITIN\_LIGASE\_SUBSTRATE\_ADAPTOR\_ACTIVITY  
HP\_POLYCLONAL\_ELEVATION\_OF\_ICM, HP\_POLYCLONAL\_ELEVATION\_OF\_ICM  
GOBP\_HISTONE\_H2A\_PHOSPHORYLATION, GOBP\_HISTONE\_H2A\_PHOSPHORYLATION  
GOBP\_NEGATIVE\_REGULATION\_OF\_CELL\_VOLUME, GOBP\_NEGATIVE\_REGULATION\_OF\_CELL\_VOLUME  
GOBP\_L\_ARGININE\_IMPORT\_ACROSS\_PLASMA\_MEMBRANE, GOBP\_L\_ARGININE\_IMPORT\_ACROSS\_PLASMA\_MEMBRANE  
GOBP\_RESPONSE\_TO\_CAMPOTOTHECIN, GOBP\_RESPONSE\_TO\_CAMPOTOTHECIN  
HP\_IMMOTILE\_CILIA, HP\_IMMOTILE\_CILIA  
GOBP\_DNA\_CATABOLIC\_PROCESS\_EXONUCLEOLYTIC, GOBP\_DNA\_CATABOLIC\_PROCESS\_EXONUCLEOLYTIC  
ACGCACA\_MIR210, ACGCACA\_MIR210  
REACTOME\_MECT2\_REGULATES\_TRANSCRIPTION\_OF\_NEURONAL\_LIGANDS, REACTOME\_MECT2\_REGULATES\_TRANSCRIPTION\_OF\_NEURONAL\_LIGANDS  
MIR6728\_3P, MIR6728\_3P  
HP\_GENERALIZED\_CEREBRAL\_ATROPHY\_HYPOPLASIA, HP\_GENERALIZED\_CEREBRAL\_ATROPHY\_HYPOPLASIA  
GOBP\_INNER\_DYNEIN\_ARM\_ASSEMBLY, GOBP\_INNER\_DYNEIN\_ARM\_ASSEMBLY