

GSE7568\_IL4\_VS\_IL4\_AND\_TGFB\_TREATED\_MACROPHAGE\_24H\_DN, GSE7568\_IL4\_VS\_IL4\_AND\_TGFB\_TREATED\_MACROPHAGE\_24H\_DN  
GSE12845\_NAIVE\_VS\_DAY8\_LCMV\_EFFECTOR\_CD8\_TCELL\_DN, GSE12845\_NAIVE\_VS\_DAY8\_LCMV\_EFFECTOR\_CD8\_TCELL\_DN  
GSE31082\_DP\_VS\_CD4\_SP\_THYMOCYTE\_UP, GSE31082\_DP\_VS\_CD4\_SP\_THYMOCYTE\_UP  
GSE41867\_NAIVE\_VS\_DAY8\_LCMV\_EFFECTOR\_CD8\_TCELL\_UP, GSE41867\_NAIVE\_VS\_DAY8\_LCMV\_EFFECTOR\_CD8\_TCELL\_UP  
GSE14413\_UNSTIM\_VS\_IFNB\_STIM\_NIH3T3\_CELLS\_DN, GSE14413\_UNSTIM\_VS\_IFNB\_STIM\_NIH3T3\_CELLS\_DN  
GSE39820\_CTRL\_VS\_TGFBETA3\_IL6\_CD4\_TCELL\_UP, GSE39820\_CTRL\_VS\_TGFBETA3\_IL6\_CD4\_TCELL\_UP  
GSE5679\_PPARG\_LIGAND\_ROSIGLITAZONE\_VS\_RARA\_AGONIST\_AM580\_TREATED\_DC\_UP, GSE5679\_PPARG\_LIGAND\_ROSIGLITAZONE\_VS\_RARA\_AGONIST\_AM580\_TREATED\_DC\_UP  
GSE8685\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_DN, GSE8685\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_DN  
GSE27786\_NEUTROPHIL\_VS\_MONO\_MAC\_DN, GSE27786\_NEUTROPHIL\_VS\_MONO\_MAC\_DN  
GSE17721\_CTRL\_VS\_LPS\_24H\_BMDC\_DN, GSE17721\_CTRL\_VS\_LPS\_24H\_BMDC\_DN  
GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_FOXP3\_HET\_TCONV\_UP, GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_FOXP3\_HET\_TCONV\_UP  
GSE27786\_LSK\_VS\_CD4\_TCELL\_UP, GSE27786\_LSK\_VS\_CD4\_TCELL\_UP  
GSE40068\_CXCR5NEG\_BCL6NEG\_CD4\_TCELL\_VS\_CXCR5POS\_BCL6NEG\_TFH\_UP, GSE40068\_CXCR5NEG\_BCL6NEG\_CD4\_TCELL\_VS\_CXCR5POS\_BCL6NEG\_TFH\_UP  
GSE45365\_NK\_CELL\_VS\_BCELL\_UP, GSE45365\_NK\_CELL\_VS\_BCELL\_UP  
GSE2770\_UNTREATED\_VS\_IL12\_TREATED\_ACT\_CD4\_TCELL\_48H\_DN, GSE2770\_UNTREATED\_VS\_IL12\_TREATED\_ACT\_CD4\_TCELL\_48H\_DN  
GSE27786\_BCELL\_VS\_NKCELL\_UP, GSE27786\_BCELL\_VS\_NKCELL\_UP  
GOBP\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_II\_PROMOTER, GOBP\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_II\_PROMOTER  
GSE7460\_FOXP3\_MUT\_VS\_WT\_ACT\_WITH\_TGFB\_TCONV\_UP, GSE7460\_FOXP3\_MUT\_VS\_WT\_ACT\_WITH\_TGFB\_TCONV\_UP  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_8H\_BMDC\_UP, GSE17721\_CPG\_VS\_GARDIQUIMOD\_8H\_BMDC\_UP  
REACTOME\_TRANSCRIPTION\_OF\_THE\_HIV\_GENOME, REACTOME\_TRANSCRIPTION\_OF\_THE\_HIV\_GENOME  
GSE22282\_HYPOXIA\_VS\_NORMOXIA\_MYELOID\_DC\_UP, GSE22282\_HYPOXIA\_VS\_NORMOXIA\_MYELOID\_DC\_UP  
GOCC\_RNA\_POLYMERASE\_II\_HOLOENZYME, GOCC\_RNA\_POLYMERASE\_II\_HOLOENZYME  
GSE11924\_TFH\_VS\_TH1\_CD4\_TCELL\_DN, GSE11924\_TFH\_VS\_TH1\_CD4\_TCELL\_DN  
REACTOME\_VIRAL\_MESSENGER\_RNA\_SYNTHESIS, REACTOME\_VIRAL\_MESSENGER\_RNA\_SYNTHESIS  
ZNF595\_TARGET\_GENES, ZNF595\_TARGET\_GENES  
GOMF\_EXONUCLEASE\_ACTIVITY, GOMF\_EXONUCLEASE\_ACTIVITY  
MORF\_RAB11A, MORF\_RAB11A  
REACTOME\_HIV\_TRANSCRIPTION\_INITIATION, REACTOME\_HIV\_TRANSCRIPTION\_INITIATION  
GSE21670\_TGFB\_VS\_IL6\_TREATED\_CD4\_TCELL\_DN, GSE21670\_TGFB\_VS\_IL6\_TREATED\_CD4\_TCELL\_DN  
GOBP\_RNA\_PHOSPHODIESTER\_BOND\_HYDROLYSIS\_EXONUCLEOLYTIC, GOBP\_RNA\_PHOSPHODIESTER\_BOND\_HYDROLYSIS\_EXONUCLEOLYTIC  
GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS\_PLASMA\_CELL\_DAY7\_UP, GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS\_PLASMA\_CELL\_DAY7\_UP  
GOMF\_3\_5\_EXONUCLEASE\_ACTIVITY, GOMF\_3\_5\_EXONUCLEASE\_ACTIVITY  
GSE24210\_IL35\_TREATED\_VS\_UNTREATED\_TCONV\_CD4\_TCELL\_DN, GSE24210\_IL35\_TREATED\_VS\_UNTREATED\_TCONV\_CD4\_TCELL\_DN  
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  
HP\_CLUBBING, HP\_CLUBBING  
GSE17721\_LPS\_VS\_CPG\_24H\_BMDC\_UP, GSE17721\_LPS\_VS\_CPG\_24H\_BMDC\_UP  
REACTOME\_FORMATION\_OF\_THE\_EARLY\_ELONGATION\_COMPLEX, REACTOME\_FORMATION\_OF\_THE\_EARLY\_ELONGATION\_COMPLEX  
GOMF\_EXORIBONUCLEASE\_ACTIVITY, GOMF\_EXORIBONUCLEASE\_ACTIVITY  
GSE21063\_WT\_VS\_NFATC1\_KO\_BCELL\_UP, GSE21063\_WT\_VS\_NFATC1\_KO\_BCELL\_UP  
WP\_EUKARYOTIC\_TRANSCRIPTION\_INITIATION, WP\_EUKARYOTIC\_TRANSCRIPTION\_INITIATION  
MIR6787\_3P, MIR6787\_3P  
GOMF\_GENERAL\_TRANSCRIPTION\_INITIATION\_FACTOR\_ACTIVITY, GOMF\_GENERAL\_TRANSCRIPTION\_INITIATION\_FACTOR\_ACTIVITY  
REACTOME\_POSTMITOTIC\_NUCLEAR\_PORE\_COMPLEX\_NPC\_REFORMATION, REACTOME\_POSTMITOTIC\_NUCLEAR\_PORE\_COMPLEX\_NPC\_REFORMATION  
HUMMEL\_BURKITTs\_LYMPHOMA\_UP, HUMMEL\_BURKITTs\_LYMPHOMA\_UP  
GOBP\_MATURATION\_OF\_5\_8S\_RRNA, GOBP\_MATURATION\_OF\_5\_8S\_RRNA  
MODULE\_332, MODULE\_332  
HP\_ABNORMAL\_VENOUS\_MORPHOLOGY, HP\_ABNORMAL\_VENOUS\_MORPHOLOGY  
GOCC\_TRANSCRIPTION\_FACTOR\_THIID\_COMPLEX, GOCC\_TRANSCRIPTION\_FACTOR\_THIID\_COMPLEX  
GSE19888\_ADENOSINE\_A3R\_ACT\_VS\_TCELL\_MEMBRANES\_ACT\_AND\_A3R\_INH\_PRETREAT\_IN\_MAST\_CELL\_UP, GSE19888\_ADENOSINE\_A3R\_ACT\_VS\_TCELL\_MEMBRANES\_ACT\_AND\_A3R\_INH\_PRETREAT\_IN\_MAST\_CELL\_UP  
GOBP\_CLEAVAGE\_INVOLVED\_IN\_RRNA\_PROCESSING, GOBP\_CLEAVAGE\_INVOLVED\_IN\_RRNA\_PROCESSING  
REACTOME\_TRANSCRIPTIONAL\_ACTIVITY\_OF\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER, REACTOME\_TRANSCRIPTIONAL\_ACTIVITY\_OF\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER  
HP\_DRY\_SKIN, HP\_DRY\_SKIN  
MORF\_PTEN, MORF\_PTEN  
GOMF\_RNA\_POLYMERASE\_II\_GENERAL\_TRANSCRIPTION\_INITIATION\_FACTOR\_ACTIVITY, GOMF\_RNA\_POLYMERASE\_II\_GENERAL\_TRANSCRIPTION\_INITIATION\_FACTOR\_ACTIVITY  
MIR7851\_3P, MIR7851\_3P  
WP\_TRANSULFURATION\_AND\_ONE\_CARBON\_METABOLISM, WP\_TRANSULFURATION\_AND\_ONE\_CARBON\_METABOLISM  
GOCC\_EXORIBONUCLEASE\_COMPLEX, GOCC\_EXORIBONUCLEASE\_COMPLEX  
REACTOME\_SYNTHESIS\_OF\_ACTIVE\_UBIQUITIN\_ROLES\_OF\_E1\_AND\_E2\_ENZYMES, REACTOME\_SYNTHESIS\_OF\_ACTIVE\_UBIQUITIN\_ROLES\_OF\_E1\_AND\_E2\_ENZYMES  
GOBP\_RNA\_CAPPING, GOBP\_RNA\_CAPPING  
MIR4695\_5P, MIR4695\_5P  
HP\_APLASIA\_HYPOPLASIA\_OF\_THE\_SPLEEN, HP\_APLASIA\_HYPOPLASIA\_OF\_THE\_SPLEEN  
MIR4699\_5P, MIR4699\_5P  
REACTOME\_MRNA\_CAPPING, REACTOME\_MRNA\_CAPPING  
MIR660\_3P, MIR660\_3P  
HP\_MACULAR\_DEGENERATION, HP\_MACULAR\_DEGENERATION  
GOBP\_HISTONE\_DEACETYLATION, GOBP\_HISTONE\_DEACETYLATION  
HP\_ABNORMAL\_PULMONARY\_INTERSTITIAL\_MORPHOLOGY, HP\_ABNORMAL\_PULMONARY\_INTERSTITIAL\_MORPHOLOGY  
KEGG\_BASAL\_TRANSCRIPTION\_FACTORS, KEGG\_BASAL\_TRANSCRIPTION\_FACTORS  
GOBP\_RRNA\_CATABOLIC\_PROCESS, GOBP\_RRNA\_CATABOLIC\_PROCESS  
GNF2\_RAD23A, GNF2\_RAD23A  
GOMF\_PRENYLTRANSFERASE\_ACTIVITY, GOMF\_PRENYLTRANSFERASE\_ACTIVITY  
MODULE\_233, MODULE\_233  
CHENG\_RESPONSE\_TO\_NICKEL\_ACETATE, CHENG\_RESPONSE\_TO\_NICKEL\_ACETATE  
MIR495\_5P, MIR495\_5P  
GSE17721\_LPS\_VS\_GARDIQUIMOD\_1H\_BMDC\_UP, GSE17721\_LPS\_VS\_GARDIQUIMOD\_1H\_BMDC\_UP  
REACTOME\_NOTCH\_HLH\_TRANSCRIPTION\_PATHWAY, REACTOME\_NOTCH\_HLH\_TRANSCRIPTION\_PATHWAY  
GOBP\_TRANSCRIPTION\_PREINITIATION\_COMPLEX\_ASSEMBLY, GOBP\_TRANSCRIPTION\_PREINITIATION\_COMPLEX\_ASSEMBLY  
GOBP\_MATURATION\_OF\_5\_8S\_RRNA\_FROM\_TRICISTRONIC\_RRNA\_TRANSCRIPT\_SSU\_RRNA\_5\_8S\_RRNA\_LSU\_RRNA, GOBP\_MATURATION\_OF\_5\_8S\_RRNA\_FROM\_TRICISTRONIC\_RRNA\_TRANSCRIPT\_SSU\_RRNA\_5\_8S\_RRNA\_LSU\_RRNA  
MIR6807\_5P, MIR6807\_5P  
GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_24H\_UP, GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_24H\_UP  
HP\_RECURRENT\_MYCOBACTERIAL\_INFECTIONS, HP\_RECURRENT\_MYCOBACTERIAL\_INFECTIONS  
HP\_NEONATAL\_RESPIRATORY\_DISTRESS, HP\_NEONATAL\_RESPIRATORY\_DISTRESS  
REACTOME\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER\_REGULATES\_TRANSCRIPTION, REACTOME\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER\_REGULATES\_TRANSCRIPTION  
GOBP\_MODULATION\_BY\_HOST\_OF\_SYMBIONT\_PROCESS, GOBP\_MODULATION\_BY\_HOST\_OF\_SYMBIONT\_PROCESS  
CHEOK\_RESPONSE\_TO\_MERCAPTOPURINE\_AND\_HD\_MTX\_DN, CHEOK\_RESPONSE\_TO\_MERCAPTOPURINE\_AND\_HD\_MTX\_DN  
GOBP\_TRANSCRIPTION\_ELONGATION\_FROM\_RNA\_POLYMERASE\_I\_PROMOTER, GOBP\_TRANSCRIPTION\_ELONGATION\_FROM\_RNA\_POLYMERASE\_I\_PROMOTER  
GOBP\_HISTONE\_H2A\_UBIQUITINATION, GOBP\_HISTONE\_H2A\_UBIQUITINATION  
GOBP\_POLY\_A\_PLUS\_MRNA\_EXPORT\_FROM\_NUCLEUS, GOBP\_POLY\_A\_PLUS\_MRNA\_EXPORT\_FROM\_NUCLEUS  
GOBP\_POSITIVE\_REGULATION\_OF\_PROTEIN\_TARGETING\_TO\_MITOCHONDRION, GOBP\_POSITIVE\_REGULATION\_OF\_PROTEIN\_TARGETING\_TO\_MITOCHONDRION  
HP\_ATELECTASIS, HP\_ATELECTASIS  
WP\_PURINE\_METABOLISM\_AND\_RELATED\_DISORDERS, WP\_PURINE\_METABOLISM\_AND\_RELATED\_DISORDERS  
REACTOME\_KSRP\_KHSRP\_BINDS\_AND\_DESTABILIZES\_MRNA, REACTOME\_KSRP\_KHSRP\_BINDS\_AND\_DESTABILIZES\_MRNA  
GOBP\_HORMONE\_MEDIATED\_SIGNALING\_PATHWAY, GOBP\_HORMONE\_MEDIATED\_SIGNALING\_PATHWAY  
GOBP\_RNA\_SURVEILLANCE, GOBP\_RNA\_SURVEILLANCE  
GOCC\_CYTOPLASMIC\_EXOSOME\_RNASE\_COMPLEX, GOCC\_CYTOPLASMIC\_EXOSOME\_RNASE\_COMPLEX  
GOBP\_PORE\_COMPLEX\_ASSEMBLY, GOBP\_PORE\_COMPLEX\_ASSEMBLY  
BLANCO\_MELO\_RESPIRATORY\_SYNCYTIAL\_VIRUS\_INFECTION\_A594\_CELLS\_DN, BLANCO\_MELO\_RESPIRATORY\_SYNCYTIAL\_VIRUS\_INFECTION\_A594\_CELLS\_DN  
HP\_ABNORMALITY\_OF\_THE\_PULMONARY\_VEINS, HP\_ABNORMALITY\_OF\_THE\_PULMONARY\_VEINS  
BILANGES\_SERUM\_SENSITIVE\_VIA\_TSC2, BILANGES\_SERUM\_SENSITIVE\_VIA\_TSC2  
GSE17721\_POLYIC\_VS\_CPG\_0.5H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_CPG\_0.5H\_BMDC\_UP  
GOBP\_TERMINATION\_OF\_RNA\_POLYMERASE\_I\_TRANSCRIPTION, GOBP\_TERMINATION\_OF\_RNA\_POLYMERASE\_I\_TRANSCRIPTION  
REACTOME\_RNA\_POLYMERASE\_I\_TRANSCRIPTION\_TERMINATION, REACTOME\_RNA\_POLYMERASE\_I\_TRANSCRIPTION\_TERMINATION  
GOBP\_BIOLOGICAL\_PROCESS\_INVOLVED\_IN\_INTERACTION\_WITH\_SYMBIONT, GOBP\_BIOLOGICAL\_PROCESS\_INVOLVED\_IN\_INTERACTION\_WITH\_SYMBIONT  
HP\_ABNORMALITY\_OF\_DNA\_REPAIR, HP\_ABNORMALITY\_OF\_DNA\_REPAIR  
HP\_MOTOR\_POLYNEUROPATHY, HP\_MOTOR\_POLYNEUROPATHY  
GOBP\_REGULATION\_OF\_MICROTUBULE\_POLYMERIZATION, GOBP\_REGULATION\_OF\_MICROTUBULE\_POLYMERIZATION  
GOMF\_K63\_LINKED\_POLYUBIQUITIN\_MODIFICATION\_DEPENDENT\_PROTEIN\_BINDING, GOMF\_K63\_LINKED\_POLYUBIQUITIN\_MODIFICATION\_DEPENDENT\_PROTEIN\_BINDING  
GOBP\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS\_VIA\_THE\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY, GOBP\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS\_VIA\_THE\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY  
REACTOME\_MRNA\_DECAY\_BY\_3\_TO\_5\_EXORIBONUCLEASE, REACTOME\_MRNA\_DECAY\_BY\_3\_TO\_5\_EXORIBONUCLEASE  
GOBP\_POSITIVE\_REGULATION\_OF\_TRANSLATIONAL\_INITIATION, GOBP\_POSITIVE\_REGULATION\_OF\_TRANSLATIONAL\_INITIATION  
GOCC\_SIN3\_TYPE\_COMPLEX, GOCC\_SIN3\_TYPE\_COMPLEX  
HOXD1\_TARGET\_GENES, HOXD1\_TARGET\_GENES  
GOBP\_NUCLEAR\_PORE\_ORGANIZATION, GOBP\_NUCLEAR\_PORE\_ORGANIZATION  
REACTOME\_TRISTETRAPROLIN\_TTP\_ZFP36\_BINDS\_AND\_DESTABILIZES\_MRNA, REACTOME\_TRISTETRAPROLIN\_TTP\_ZFP36\_BINDS\_AND\_DESTABILIZES\_MRNA  
REACTOME\_ATF4\_ACTIVATES\_GENES\_IN\_RESPONSE\_TO\_ENDOPLASMIC\_RETICULUM\_STRESS, REACTOME\_ATF4\_ACTIVATES\_GENES\_IN\_RESPONSE\_TO\_ENDOPLASMIC\_RETICULUM\_STRESS  
GOMF\_RIBOSOMAL\_LARGE\_SUBUNIT\_BINDING, GOMF\_RIBOSOMAL\_LARGE\_SUBUNIT\_BINDING  
GOMF\_TBP\_CLASS\_PROTEIN\_BINDING, GOMF\_TBP\_CLASS\_PROTEIN\_BINDING  
MIR382\_5P, MIR382\_5P  
GOMF\_UBIQUITIN\_LIKE\_PROTEIN\_SPECIFIC\_PROTEASE\_ACTIVITY, GOMF\_UBIQUITIN\_LIKE\_PROTEIN\_SPECIFIC\_PROTEASE\_ACTIVITY  
GOCC\_N\_TERMINAL\_PROTEIN\_ACETYLTTRANSFERASE\_COMPLEX, GOCC\_N\_TERMINAL\_PROTEIN\_ACETYLTTRANSFERASE\_COMPLEX  
GOBP\_N\_TERMINAL\_PROTEIN\_AMINO\_ACID\_MODIFICATION, GOBP\_N\_TERMINAL\_PROTEIN\_AMINO\_ACID\_MODIFICATION  
GOBP\_DNA\_DOUBLE\_STRAND\_BREAK\_PROCESSING, GOBP\_DNA\_DOUBLE\_STRAND\_BREAK\_PROCESSING  
MIR409\_5P, MIR409\_5P  
MIR1285\_5P, MIR1285\_5P  
REACTOME\_HDR\_THROUGH\_MMEJ\_ALT\_NHEJ, REACTOME\_HDR\_THROUGH\_MMEJ\_ALT\_NHEJ  
GOMF\_SODIUM\_CHANNEL\_REGULATOR\_ACTIVITY, GOMF\_SODIUM\_CHANNEL\_REGULATOR\_ACTIVITY  
MIR3130\_5P, MIR3130\_5P  
HP\_PRODUCTIVE\_COUGH, HP\_PRODUCTIVE\_COUGH  
GOBP\_POLYOL\_BIOSYNTHETIC\_PROCESS, GOBP\_POLYOL\_BIOSYNTHETIC\_PROCESS  
ZFP82\_TARGET\_GENES, ZFP82\_TARGET\_GENES  
GOCC\_NUCLEAR\_PORE\_OUTER\_RING, GOCC\_NUCLEAR\_PORE\_OUTER\_RING  
MIR4538, MIR4538  
REACTOME\_PURINE\_RIBONUCLEOSIDE\_MONOPHOSPHATE\_BIOSYNTHESIS, REACTOME\_PURINE\_RIBONUCLEOSIDE\_MONOPHOSPHATE\_BIOSYNTHESIS  
GOMF\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_THE\_CH\_NH\_GROUP\_OF\_DONORS, GOMF\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_THE\_CH\_NH\_GROUP\_OF\_DONORS  
HP\_AIRWAY\_OBSTRUCTION, HP\_AIRWAY\_OBSTRUCTION  
HP\_ABNORMAL\_SPERM\_MOTILITY, HP\_ABNORMAL\_SPERM\_MOTILITY  
GOBP\_POSITIVE\_REGULATION\_OF\_EXOCYTOSIS, GOBP\_POSITIVE\_REGULATION\_OF\_EXOCYTOSIS  
MIR4453, MIR4453  
GOMF\_PROTEIN\_PRENYLTRANSFERASE\_ACTIVITY, GOMF\_PROTEIN\_PRENYLTRANSFERASE\_ACTIVITY  
GOCC\_NUCLEAR\_EXOSOME\_RNASE\_COMPLEX, GOCC\_NUCLEAR\_EXOSOME\_RNASE\_COMPLEX  
HP\_BRONCHITIS, HP\_BRONCHITIS  
HP\_SHUFFLING\_GAIT, HP\_SHUFFLING\_GAIT  
GSE5589\_WT\_VS\_IL6\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_180MIN\_UP, GSE5589\_WT\_VS\_IL6\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_180MIN\_UP  
HP\_ABNORMAL\_RESPIRATORY\_MOTILE\_CILIUM\_MORPHOLOGY, HP\_ABNORMAL\_RESPIRATORY\_MOTILE\_CILIUM\_MORPHOLOGY  
BOYAUULT\_LIVER\_CANCER\_SUBCLASS\_G12\_DN, BOYAUULT\_LIVER\_CANCER\_SUBCLASS\_G12\_DN  
HP\_ABNORMAL\_VENA\_CAVA\_MORPHOLOGY, HP\_ABNORMAL\_VENA\_CAVA\_MORPHOLOGY  
GOBP\_CORTICOSTEROID\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_CORTICOSTEROID\_RECEPTOR\_SIGNALING\_PATHWAY  
PID\_REG\_GR\_PATHWAY, PID\_REG\_GR\_PATHWAY  
GOBP\_PTERIDINE\_CONTAINING\_COMPOUND\_METABOLIC\_PROCESS, GOBP\_PTERIDINE\_CONTAINING\_COMPOUND\_METABOLIC\_PROCESS  
HP\_DEFECTIVE\_DNA\_REPAIR\_AFTER\_ULTRAVIOLET\_RADIATION\_DAMAGE, HP\_DEFECTIVE\_DNA\_REPAIR\_AFTER\_ULTRAVIOLET\_RADIATION\_DAMAGE  
GOBP\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_III\_PROMOTER, GOBP\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_III\_PROMOTER  
GOBP\_IMP\_METABOLIC\_PROCESS, GOBP\_IMP\_METABOLIC\_PROCESS  
HP\_DYSTROPHIC\_FINGERNAILS, HP\_DYSTROPHIC\_FINGERNAILS  
HP\_RHINITIS, HP\_RHINITIS  
HP\_RECURRENT\_SINOPULMONARY\_INFECTIONS, HP\_RECURRENT\_SINOPULMONARY\_INFECTIONS  
GOMF\_STRUCTURAL\_CONSTITUENT\_OF\_NUCLEAR\_PORE, GOMF\_STRUCTURAL\_CONSTITUENT\_OF\_NUCLEAR\_PORE  
ABE\_INNER\_EAR\_ABE\_INNER\_EAR  
WP\_RETT\_SYNDROME\_CAUSING\_GENES, WP\_RETT\_SYNDROME\_CAUSING\_GENES  
KEGG\_ONE\_CARBON\_POOL\_BY\_FOLATE, KEGG\_ONE\_CARBON\_POOL\_BY\_FOLATE  
GOBP\_TRANSCRIPTION\_DEPENDENT\_TETHERING\_OF\_RNA\_POLYMERASE\_II\_GENE\_DNA\_AT\_NUCLEAR\_PERIPHERY, GOBP\_TRANSCRIPTION\_DEPENDENT\_TETHERING\_OF\_RNA\_POLYMERASE\_II\_GENE\_DNA\_AT\_NUCLEAR\_PERIPHERY  
HP\_NASAL\_OBSTRUCTION, HP\_NASAL\_OBSTRUCTION  
GOBP\_PROTOPORPHYRINOGEN\_IX\_BIOSYNTHETIC\_PROCESS, GOBP\_PROTOPORPHYRINOGEN\_IX\_BIOSYNTHETIC\_PROCESS  
GOBP\_NUCLEAR\_PORE\_COMPLEX\_ASSEMBLY, GOBP\_NUCLEAR\_PORE\_COMPLEX\_ASSEMBLY  
GOCC\_RNA\_POLYMERASE\_III\_TRANSCRIPTION\_REGULATOR\_COMPLEX, GOCC\_RNA\_POLYMERASE\_III\_TRANSCRIPTION\_REGULATOR\_COMPLEX  
HP\_CHRONIC\_SINUSITIS, HP\_CHRONIC\_SINUSITIS  
GOBP\_CENTRIOLE\_ELONGATION, GOBP\_CENTRIOLE\_ELONGATION  
GOCC\_MRE11\_COMPLEX, GOCC\_MRE11\_COMPLEX  
HP\_PANHYPOGAMMAGLOBULINEMIA, HP\_PANHYPOGAMMAGLOBULINEMIA  
MIR6529\_5P, MIR6529\_5P  
GOMF\_UBIQUITINATION\_LIKE\_MODIFICATION\_DEPENDENT\_PROTEIN\_BINDING, GOMF\_UBIQUITINATION\_LIKE\_MODIFICATION\_DEPENDENT\_PROTEIN\_BINDING  
WP\_SPLICING\_FACTOR\_NOVA\_REGULATED\_SYNAPTIC\_PROTEINS, WP\_SPLICING\_FACTOR\_NOVA\_REGULATED\_SYNAPTIC\_PROTEINS  
HP\_ABSENCE\_OF\_SUBCUTANEOUS\_FAT, HP\_ABSENCE\_OF\_SUBCUTANEOUS\_FAT  
REACTOME\_LOSS\_OF\_FUNCTION\_OF\_MECP2\_IN\_RETT\_SYNDROME, REACTOME\_LOSS\_OF\_FUNCTION\_OF\_MECP2\_IN\_RETT\_SYNDROME  
HP\_MALE\_INFERTILITY, HP\_MALE\_INFERTILITY  
GOCC\_CARBOXY\_TERMINAL\_DOMAIN\_PROTEIN\_KINASE\_COMPLEX, GOCC\_CARBOXY\_TERMINAL\_DOMAIN\_PROTEIN\_KINASE\_COMPLEX  
MIR9900, MIR9900  
REACTOME\_BUTYRATE\_RESPONSE\_FACTOR\_1\_BRF1\_BINDS\_AND\_DESTABILIZES\_MRNA, REACTOME\_BUTYRATE\_RESPONSE\_FACTOR\_1\_BRF1\_BINDS\_AND\_DESTABILIZES\_MRNA  
GOBP\_N\_TERMINAL\_PEPTIDYL\_METHIONINE\_ACETYLTATION, GOBP\_N\_TERMINAL\_PEPTIDYL\_METHIONINE\_ACETYLTATION  
REACTOME\_CREB\_PHOSPHORYLATION, REACTOME\_CREB\_PHOSPHORYLATION  
chr2p22, chr2p22  
HP\_FEMALE\_INFERTILITY, HP\_FEMALE\_INFERTILITY  
OZEN\_MIR125B1\_TARGETS, OZEN\_MIR125B1\_TARGETS  
GOBP\_EXTRACELLULAR\_TRANSPORT, GOBP\_EXTRACELLULAR\_TRANSPORT  
GOBP\_TRNA\_TRANSCRIPTION, GOBP\_TRNA\_TRANSCRIPTION  
HP\_ABNORMAL\_NASAL\_MUCOSA\_MORPHOLOGY, HP\_ABNORMAL\_NASAL\_MUCOSA\_MORPHOLOGY  
GOCC\_SIN3\_COMPLEX, GOCC\_SIN3\_COMPLEX  
HP\_BROAD\_FACE, HP\_BROAD\_FACE  
HP\_BILATERAL\_MICROPHTHALMOS, HP\_BILATERAL\_MICROPHTHALMOS  
HASLINGER\_B\_CLL\_WITH\_CHROMOSOME\_12\_TRISOMY, HASLINGER\_B\_CLL\_WITH\_CHROMOSOME\_12\_TRISOMY  
PID\_ALPHA\_SYNUCLEIN\_PATHWAY, PID\_ALPHA\_SYNUCLEIN\_PATHWAY