

CELL\_VS\_NEUTROPHIL\_UP, GSE27786\_BCELL\_VS\_NEUTROPHIL\_UP

GSE27786\_1SK\_VS\_MONO\_MAC\_UP, GSE27786\_1SK\_VS\_MONO\_MAC\_UP  
GSE27786\_CD8\_TCELL\_VS\_ERYTHROBLAST\_UP, GSE27786\_CD8\_TCELL\_VS\_ERYTHROBLAST\_UP  
GSE27786\_CD4\_TCELL\_VS\_MONO\_MAC\_UP, GSE27786\_CD4\_TCELL\_VS\_MONO\_MAC\_UP  
GSE27786\_1SK\_VS\_NEUTROPHIL\_UP, GSE27786\_1SK\_VS\_NEUTROPHIL\_UP  
GSE27786\_CD4\_TCELL\_VS\_NEUTROPHIL\_UP, GSE27786\_CD4\_TCELL\_VS\_NEUTROPHIL\_UP  
GSE27786\_NKTCCELL\_VS\_MONO\_MAC\_UP, GSE27786\_NKTCCELL\_VS\_MONO\_MAC\_UP  
GSE27786\_NKTCCELL\_VS\_NEUTROPHIL\_UP, GSE27786\_NKTCCELL\_VS\_NEUTROPHIL\_UP  
GSE27786\_LIN\_NEG\_VS\_NEUTROPHIL\_UP, GSE27786\_LIN\_NEG\_VS\_NEUTROPHIL\_UP  
GSE5903\_LIVER\_DC\_VS\_PLN\_DC\_ACTIVATED, GSE5903\_LIVER\_DC\_VS\_PLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN  
GSE27786\_CD8\_TCELL\_VS\_MONO\_MAC\_UP, GSE27786\_CD8\_TCELL\_VS\_MONO\_MAC\_UP  
GSE27786\_NKCELL\_VS\_NEUTROPHIL\_UP, GSE27786\_NKCELL\_VS\_NEUTROPHIL\_UP  
GSE27786\_BCELL\_VS\_ERYTHROBLAST\_UP, GSE27786\_BCELL\_VS\_ERYTHROBLAST\_UP  
GSE20198\_IL12\_IL18\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_DN, GSE20198\_IL12\_IL18\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_DN  
GSE27786\_LIN\_NEG\_VS\_CD8\_TCELL\_UP, GSE27786\_LIN\_NEG\_VS\_CD8\_TCELL\_UP  
GSE2197\_IMMUNOSUPPRESSIVE\_DNA\_VS\_UNTREATEDIN\_DC\_DN, GSE2197\_IMMUNOSUPPRESSIVE\_DNA\_VS\_UNTREATEDIN\_DC\_DN  
GSE27786\_BCELL\_VS\_NKCELL\_UP, GSE27786\_BCELL\_VS\_NKCELL\_UP  
GSE27786\_BCELL\_VS\_NKTCCELL\_UP, GSE27786\_BCELL\_VS\_NKTCCELL\_UP  
GSE21063\_CTRL\_VS\_ANTL1GM4\_STIM\_BCELL\_NFATC1\_KO\_16H\_DN, GSE21063\_CTRL\_VS\_ANTL1GM4\_STIM\_BCELL\_NFATC1\_KO\_16H\_DN  
GSE20366\_EX\_VIVO\_VS\_HOMIOSTATIC\_CONVERSION\_NAIVE\_CD4\_TCELL\_UP, GSE20366\_EX\_VIVO\_VS\_HOMIOSTATIC\_CONVERSION\_NAIVE\_CD4\_TCELL\_UP  
GSE14308\_NAIVE\_CD4\_TCELL\_VS\_INDUCED\_TREG\_DN, GSE14308\_NAIVE\_CD4\_TCELL\_VS\_INDUCED\_TREG\_DN  
GSE15750\_DAY6\_VS\_DAY10\_EFF\_CD8\_TCELL\_DN, GSE15750\_DAY6\_VS\_DAY10\_EFF\_CD8\_TCELL\_DN  
GSE6259\_33D1\_POS\_VS\_DEC205\_POS\_FLT3L\_INDUCED\_SPLENIC\_DC\_DN, GSE6259\_33D1\_POS\_VS\_DEC205\_POS\_FLT3L\_INDUCED\_SPLENIC\_DC\_DN  
GSE17721\_0.5H\_VS\_8H\_PAM3CSK4\_BMDC\_UP, GSE17721\_0.5H\_VS\_8H\_PAM3CSK4\_BMDC\_UP  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP  
GSE17721\_POLYIC\_VS\_CPG\_24H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_CPG\_24H\_BMDC\_UP  
GSE32423\_CTRL\_VS\_IL7\_IL4\_MEMORY\_CD8\_TCELL\_DN, GSE32423\_CTRL\_VS\_IL7\_IL4\_MEMORY\_CD8\_TCELL\_DN  
GSE5099\_UNSTIM\_VS\_MCSF\_TREATED\_MONOCYTE\_DAY7\_DN, GSE5099\_UNSTIM\_VS\_MCSF\_TREATED\_MONOCYTE\_DAY7\_DN  
BROWNE\_HCMV\_INFECTION\_24HR\_UP, BROWNE\_HCMV\_INFECTION\_24HR\_UP  
GSE32423\_IL7\_VS\_IL7\_IL4\_MEMORY\_CD8\_TCELL\_DN, GSE32423\_IL7\_VS\_IL7\_IL4\_MEMORY\_CD8\_TCELL\_DN  
GCM\_DENR, GCM\_DENR  
MORF\_PP5SC, MORF\_PP5SC  
GOBP\_MRNA\_SPLICE\_SITE\_SELECTION, GOBP\_MRNA\_SPLICE\_SITE\_SELECTION  
MIR4302, MIR4302  
GOBP\_MORPHOGENESIS\_OF\_A\_BRANCHING\_STRUCTURE, GOBP\_MORPHOGENESIS\_OF\_A\_BRANCHING\_STRUCTURE  
GSE20198\_UNTREATED\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_UP, GSE20198\_UNTREATED\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_UP  
GSE14308\_TH17\_VS\_NATURAL\_TREG\_DN, GSE14308\_TH17\_VS\_NATURAL\_TREG\_DN  
MIR4318, MIR4318  
HP\_ABNORMAL\_CIRCULATING\_PROTEINOGENIC\_AMINO\_ACID\_CONCENTRATION, HP\_ABNORMAL\_CIRCULATING\_PROTEINOGENIC\_AMINO\_ACID\_CONCENTRATION  
GSE2205\_UNTREATED\_VS\_TGFB1\_TREATED\_CD4\_TCELL\_DN, GSE2205\_UNTREATED\_VS\_TGFB1\_TREATED\_CD4\_TCELL\_DN  
MIR2278, MIR2278  
MODULE\_331, MODULE\_331  
GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_24H\_UP, GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_24H\_UP  
GSE42021\_CD24INT\_TREG\_VS\_CD24INT\_TCONV\_THYMUS\_DN, GSE42021\_CD24INT\_TREG\_VS\_CD24INT\_TCONV\_THYMUS\_DN  
HP\_DELAYED\_CNS\_MYELINATION, HP\_DELAYED\_CNS\_MYELINATION  
LI\_INDUCED\_T\_TO\_NATURAL\_KILLER\_DN, LI\_INDUCED\_T\_TO\_NATURAL\_KILLER\_DN  
HP\_BASAL\_CELL\_CARCIOMA, HP\_BASAL\_CELL\_CARCIOMA  
MIR3664\_5P, MIR3664\_5P  
GOBP\_INTRACILIARY\_TRANSPORT\_INVOLVED\_IN\_CILIUM\_ASSEMBLY, GOBP\_INTRACILIARY\_TRANSPORT\_INVOLVED\_IN\_CILIUM\_ASSEMBLY  
GOMF\_NUCLEAR\_RECEPTOR\_COACTIVATOR\_ACTIVITY, GOMF\_NUCLEAR\_RECEPTOR\_COACTIVATOR\_ACTIVITY  
GOBP\_BRANCHING\_MORPHOGENESIS\_OF\_AN\_EPITHELIAL\_TUBE, GOBP\_BRANCHING\_MORPHOGENESIS\_OF\_AN\_EPITHELIAL\_TUBE  
REACTOME\_INTRAFAGELLAR\_TRANSPORT, REACTOME\_INTRAFAGELLAR\_TRANSPORT  
GOBP\_INTRACILIARY\_TRANSPORT, GOBP\_INTRACILIARY\_TRANSPORT  
AAAGGAT\_MIR501, AAAGGAT\_MIR501  
HP\_MALIGNANT\_NEOPLASM\_OF\_THE\_CENTRAL\_NERVOUS\_SYSTEM, HP\_MALIGNANT\_NEOPLASM\_OF\_THE\_CENTRAL\_NERVOUS\_SYSTEM  
REACTOME\_REGULATION\_OF\_TNFR1\_SIGNALING, REACTOME\_REGULATION\_OF\_TNFR1\_SIGNALING  
GSE37533\_UNTREATED\_VS\_PIOGLIZATONE\_TREATED\_CD4\_TCELL\_PPARG2\_AND\_FOXP3\_TRANSDUCED\_UP, GSE37533\_UNTREATED\_VS\_PIOGLIZATONE\_TREATED\_CD4\_TCELL\_PPARG2\_AND\_FOXP3\_TRANSDUCED\_UP  
GRE\_C, GRE\_C  
MIR4633\_5P, MIR4633\_5P  
HP\_ABNORMAL\_ASTROCYTE\_MORPHOLOGY, HP\_ABNORMAL\_ASTROCYTE\_MORPHOLOGY  
GOBP\_PLACENTA\_DEVELOPMENT, GOBP\_PLACENTA\_DEVELOPMENT  
SCHEIDERIT\_IKK\_INTERACTING\_PROTEINS, SCHEIDERIT\_IKK\_INTERACTING\_PROTEINS  
MIR3132, MIR3132  
GOBP\_ENDODERM\_DEVELOPMENT, GOBP\_ENDODERM\_DEVELOPMENT  
HP\_HAMARTOMA, HP\_HAMARTOMA  
HP\_NEOPLASM\_OF\_THE\_SMALL\_INTESTINE, HP\_NEOPLASM\_OF\_THE\_SMALL\_INTESTINE  
GCM\_CSNKID, GCM\_CSNKID  
GOBP\_ENDODERM\_FORMATION, GOBP\_ENDODERM\_FORMATION  
GOBP\_GOLGI\_TO\_PLASMA\_MEMBRANE\_TRANSPORT, GOBP\_GOLGI\_TO\_PLASMA\_MEMBRANE\_TRANSPORT  
GOCC\_CILIARY\_TIP, GOCC\_CILIARY\_TIP  
NAGASHIMA\_NRG1\_SIGNALING\_DN, NAGASHIMA\_NRG1\_SIGNALING\_DN  
GOBP\_EMBRYONIC\_PLACENTA\_DEVELOPMENT, GOBP\_EMBRYONIC\_PLACENTA\_DEVELOPMENT  
REACTOME\_TNFR1\_INDUCED\_NFKAPPAB\_SIGNALING\_PATHWAY, REACTOME\_TNFR1\_INDUCED\_NFKAPPAB\_SIGNALING\_PATHWAY  
ZSCAN18\_TARGET\_GENES, ZSCAN18\_TARGET\_GENES  
MIR6529\_5P, MIR6529\_5P  
MIR650, MIR650  
HP\_TOE\_WALKING, HP\_TOE\_WALKING  
WP\_TNF\_RELATED\_WEAK\_INDUCER\_OF\_APOPTOSIS\_TWEAK\_SIGNALING\_PATHWAY, WP\_TNF\_RELATED\_WEAK\_INDUCER\_OF\_APOPTOSIS\_TWEAK\_SIGNALING\_PATHWAY  
GOBP\_SERINE\_FAMILY\_AMINO\_ACID\_METABOLIC\_PROCESS, GOBP\_SERINE\_FAMILY\_AMINO\_ACID\_METABOLIC\_PROCESS  
ACATATC\_MIR190, ACATATC\_MIR190  
GOBP\_NEGATIVE\_REGULATION\_OF\_TYPE\_I\_INTERFERON\_PRODUCTION, GOBP\_NEGATIVE\_REGULATION\_OF\_TYPE\_I\_INTERFERON\_PRODUCTION  
GOBP\_NEGATIVE\_REGULATION\_OF\_VIRAL\_PROCESS, GOBP\_NEGATIVE\_REGULATION\_OF\_VIRAL\_PROCESS  
HP\_ABNORMALITY\_OF\_THE\_CARPAL\_BONES, HP\_ABNORMALITY\_OF\_THE\_CARPAL\_BONES  
GOBP\_SPINAL\_CORD\_DEVELOPMENT, GOBP\_SPINAL\_CORD\_DEVELOPMENT  
MIR197\_5P, MIR197\_5P  
GOBP\_ANDROGEN\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_ANDROGEN\_RECEPTOR\_SIGNALING\_PATHWAY  
NIKOLSKY\_MUTATED\_AND\_AMPLIFIED\_IN\_BREAST\_CANCER, NIKOLSKY\_MUTATED\_AND\_AMPLIFIED\_IN\_BREAST\_CANCER  
ROY\_WOUND\_BLOOD\_VESSEL\_UP, ROY\_WOUND\_BLOOD\_VESSEL\_UP  
GOMF\_MISMATCHED\_DNA\_BINDING, GOMF\_MISMATCHED\_DNA\_BINDING  
HP\_NEOPLASM\_OF\_THE\_RESPIRATORY\_SYSTEM, HP\_NEOPLASM\_OF\_THE\_RESPIRATORY\_SYSTEM  
GOBP\_MISMATCH\_REPAIR, GOBP\_MISMATCH\_REPAIR  
HP\_INTELLECTUAL\_DISABILITY\_PROGRESSIVE, HP\_INTELLECTUAL\_DISABILITY\_PROGRESSIVE  
GOBP\_DOSAGE\_COMPENSATION, GOBP\_DOSAGE\_COMPENSATION  
CCATCCA\_MIR432, CCATCCA\_MIR432  
MILL\_PSEUDOPODIA, MILL\_PSEUDOPODIA  
GOBP\_SALIVARY\_GLAND\_DEVELOPMENT, GOBP\_SALIVARY\_GLAND\_DEVELOPMENT  
GOBP\_NEGATIVE\_REGULATION\_OF\_VIRAL\_GENOME\_REPLICATION, GOBP\_NEGATIVE\_REGULATION\_OF\_VIRAL\_GENOME\_REPLICATION  
TERT\_TARGET\_GENES, TERT\_TARGET\_GENES  
MIR296\_5P, MIR296\_5P  
GOBP\_REGULATION\_OF\_TUMOR\_NECROSIS\_FACTOR\_MEDIATED\_SIGNALING\_PATHWAY, GOBP\_REGULATION\_OF\_TUMOR\_NECROSIS\_FACTOR\_MEDIATED\_SIGNALING\_PATHWAY  
HP\_CONTRACTURES\_INVOLVING\_THE\_JOINTS\_OF\_THE\_FEET, HP\_CONTRACTURES\_INVOLVING\_THE\_JOINTS\_OF\_THE\_FEET  
GOMF\_STEROL\_BINDING, GOMF\_STEROL\_BINDING  
FOXC1\_TARGET\_GENES, FOXC1\_TARGET\_GENES  
WP\_THE\_OVERLAP\_BETWEEN\_SIGNAL\_TRANSDUCTION\_PATHWAYS\_THAT\_CONTRIBUTE\_TO\_A\_RANGE\_OF\_LMNA\_LAMINOPATHIES, WP\_THE\_OVERLAP\_BETWEEN\_SIGNAL\_TRANSDUCTION\_PATHWAYS\_THAT\_CONTRIBUTE\_TO\_A\_R  
GOBP\_REGULATION\_OF\_BICELLULAR\_TIGHT\_JUNCTION\_ASSEMBLY, GOBP\_REGULATION\_OF\_BICELLULAR\_TIGHT\_JUNCTION\_ASSEMBLY  
GOBP\_REGULATION\_OF\_RAC\_PROTEIN\_SIGNAL\_TRANSDUCTION, GOBP\_REGULATION\_OF\_RAC\_PROTEIN\_SIGNAL\_TRANSDUCTION  
GOBP\_HISTONE\_H4\_K5\_ACETYLATION, GOBP\_HISTONE\_H4\_K5\_ACETYLATION  
REACTOME\_NF\_KB\_ACTIVATION\_THROUGH\_FADD\_RIP\_1\_PATHWAY, REACTOME\_NF\_KB\_ACTIVATION\_THROUGH\_FADD\_RIP\_1\_PATHWAY\_MEDIATED\_BY\_CASPASE\_8\_AND\_10  
GOBP\_HISTONE\_MONOUBIQUITINATION, GOBP\_HISTONE\_MONOUBIQUITINATION  
HP\_HAPPY\_DEMEANOR, HP\_HAPPY\_DEMEANOR  
KEGG\_BASAL\_CELL\_CARCIOMA, KEGG\_BASAL\_CELL\_CARCIOMA  
YRCCAKNNGNCGC\_UNKNOWNN, YRCCAKNNGNCGC\_UNKNOWNN  
MEIS1BHOXA9\_01, MEIS1BHOXA9\_01  
YANAGIHARA\_ESX1\_TARGETS, YANAGIHARA\_ESX1\_TARGETS  
GOBP\_HISTONE\_H4\_K16\_ACETYLATION, GOBP\_HISTONE\_H4\_K16\_ACETYLATION  
HP\_SKIN\_APPENDAGE\_NEOPLASM, HP\_SKIN\_APPENDAGE\_NEOPLASM  
GOBP\_COMMISSURAL\_NEURON\_AXON\_GUIDANCE, GOBP\_COMMISSURAL\_NEURON\_AXON\_GUIDANCE  
GOBP\_GOLGI\_TO\_PLASMA\_MEMBRANE\_PROTEIN\_TRANSPORT, GOBP\_GOLGI\_TO\_PLASMA\_MEMBRANE\_PROTEIN\_TRANSPORT  
GOBP\_PROTEIN\_INSERTION\_INTO\_MITOCHONDRIAL\_INNER\_MEMBRANE, GOBP\_PROTEIN\_INSERTION\_INTO\_MITOCHONDRIAL\_INNER\_MEMBRANE  
GOBP\_EMBRYONIC\_CAMERA\_TYPE\_EYE\_DEVELOPMENT, GOBP\_EMBRYONIC\_CAMERA\_TYPE\_EYE\_DEVELOPMENT  
HP\_SYNOSTOSIS\_OF\_CARPAL\_BONES, HP\_SYNOSTOSIS\_OF\_CARPAL\_BONES  
WP\_TOLLLIKE\_RECEPTOR\_SIGNALING\_RELATED\_TO\_MYD88, WP\_TOLLLIKE\_RECEPTOR\_SIGNALING\_RELATED\_TO\_MYD88  
GOBP\_PLACENTA\_BLOOD\_VESSEL\_DEVELOPMENT, GOBP\_PLACENTA\_BLOOD\_VESSEL\_DEVELOPMENT  
GOBP\_L\_SERINE\_METABOLIC\_PROCESS, GOBP\_L\_SERINE\_METABOLIC\_PROCESS  
HP\_MASK\_LIKE\_FACIES, HP\_MASK\_LIKE\_FACIES  
GOBP\_APICAL\_JUNCTION\_ASSEMBLY, GOBP\_APICAL\_JUNCTION\_ASSEMBLY  
HP\_SPINAL\_CORD\_LESION, HP\_SPINAL\_CORD\_LESION  
GOBP\_EMBRYONIC\_PLACENTA\_MORPHOGENESIS, GOBP\_EMBRYONIC\_PLACENTA\_MORPHOGENESIS  
GOBP\_POSITIVE\_REGULATION\_OF\_DEFENSE\_RESPONSE\_TO\_VIRUS\_BY\_HOST, GOBP\_POSITIVE\_REGULATION\_OF\_DEFENSE\_RESPONSE\_TO\_VIRUS\_BY\_HOST  
WP\_HEDGEHOG\_SIGNALING\_PATHWAY\_NETPATH, WP\_HEDGEHOG\_SIGNALING\_PATHWAY\_NETPATH  
GOCC\_MISMATCH\_REPAIR\_COMPLEX, GOCC\_MISMATCH\_REPAIR\_COMPLEX  
GOBP\_POSITIVE\_REGULATION\_OF\_RAC\_PROTEIN\_SIGNAL\_TRANSDUCTION, GOBP\_POSITIVE\_REGULATION\_OF\_RAC\_PROTEIN\_SIGNAL\_TRANSDUCTION  
HP\_CARCIOMA, HP\_CARCIOMA  
HP\_ADENOMATOUS\_COLONIC\_POLYPOSIS, HP\_ADENOMATOUS\_COLONIC\_POLYPOSIS  
HP\_INCREASED\_SERINE\_FAMILY\_AMINO\_ACID\_IN\_URINE, HP\_INCREASED\_SERINE\_FAMILY\_AMINO\_ACID\_IN\_URINE  
BIOCARTA\_PITX2\_PATHWAY, BIOCARTA\_PITX2\_PATHWAY  
JAZAER1\_BREAST\_CANCER\_BRCA1\_VS\_BRCA2\_DN, JAZAER1\_BREAST\_CANCER\_BRCA1\_VS\_BRCA2\_DN  
GOBP\_HISTONE\_H2A\_MONOUBIQUITINATION, GOBP\_HISTONE\_H2A\_MONOUBIQUITINATION  
HP\_CROSSED\_FUSED\_RENAL\_ECTOPIA, HP\_CROSSED\_FUSED\_RENAL\_ECTOPIA  
GOBP\_POSITIVE\_REGULATION\_OF\_PHOSPHATASE\_ACTIVITY, GOBP\_POSITIVE\_REGULATION\_OF\_PHOSPHATASE\_ACTIVITY  
ZNF776\_TARGET\_GENES, ZNF776\_TARGET\_GENES  
GOCC\_MRNA\_EDITING\_COMPLEX, GOCC\_MRNA\_EDITING\_COMPLEX  
GOBP\_EMBRYONIC\_EYE\_MORPHOGENESIS, GOBP\_EMBRYONIC\_EYE\_MORPHOGENESIS  
GOBP\_INTERFERON\_ALPHA\_PRODUCTION, GOBP\_INTERFERON\_ALPHA\_PRODUCTION  
GOBP\_EMBRYONIC\_CAMERA\_TYPE\_EYE\_MORPHOGENESIS, GOBP\_EMBRYONIC\_CAMERA\_TYPE\_EYE\_MORPHOGENESIS  
GOBP\_BRANCHING\_INVOLVED\_IN\_BLOOD\_VESSEL\_MORPHOGENESIS, GOBP\_BRANCHING\_INVOLVED\_IN\_BLOOD\_VESSEL\_MORPHOGENESIS  
GOCC\_GLYCOPROTEIN\_COMPLEX, GOCC\_GLYCOPROTEIN\_COMPLEX  
WP\_EDA\_SIGNALLING\_IN\_HAIR\_FOLLICLE\_DEVELOPMENT, WP\_EDA\_SIGNALLING\_IN\_HAIR\_FOLLICLE\_DEVELOPMENT  
GOBP\_AXIS\_SPECIFICATION, GOBP\_AXIS\_SPECIFICATION  
GOBP\_POSITIVE\_REGULATION\_OF\_EPIDERMAL\_CELL\_DIFFERENTIATION, GOBP\_POSITIVE\_REGULATION\_OF\_EPIDERMAL\_CELL\_DIFFERENTIATION  
GOMF\_FERRUS\_IRON\_BINDING, GOMF\_FERRUS\_IRON\_BINDING  
GALIE\_TUMOR\_STEMNESS\_GENES, GALIE\_TUMOR\_STEMNESS\_GENES  
NEUROD2\_TARGET\_GENES, NEUROD2\_TARGET\_GENES  
GOBP\_POSITIVE\_REGULATION\_OF\_OLIGODENDROCYTE\_DIFFERENTIATION, GOBP\_POSITIVE\_REGULATION\_OF\_OLIGODENDROCYTE\_DIFFERENTIATION  
GOBP\_POSITIVE\_REGULATION\_OF\_EPIDERMIS\_DEVELOPMENT, GOBP\_POSITIVE\_REGULATION\_OF\_EPIDERMIS\_DEVELOPMENT  
GOBP\_POSITIVE\_REGULATION\_OF\_EPITHELIAL\_CELL\_DIFFERENTIATION, GOBP\_POSITIVE\_REGULATION\_OF\_EPITHELIAL\_CELL\_DIFFERENTIATION  
GOBP\_CHEMOKINE\_C\_C\_MOTIF\_LIGAND\_5\_PRODUCTION, GOBP\_CHEMOKINE\_C\_C\_MOTIF\_LIGAND\_5\_PRODUCTION  
GOCC\_UNCONVENTIONAL\_MYOSIN\_COMPLEX, GOCC\_UNCONVENTIONAL\_MYOSIN\_COMPLEX  
HP\_BILATERAL\_CLEFT\_LIP\_AND\_PALATE, HP\_BILATERAL\_CLEFT\_LIP\_AND\_PALATE  
GOBP\_POSITIVE\_REGULATION\_OF\_VASCULAR\_ENDOTHELIAL\_GROWTH\_FACTOR\_SIGNALING\_PATHWAY, GOBP\_POSITIVE\_REGULATION\_OF\_VASCULAR\_ENDOTHELIAL\_GROWTH\_FACTOR\_SIGNALING\_PATHWAY  
GOBP\_MONOACETYLGlycerol\_CATABOLIC\_PROCESS, GOBP\_MONOACETYLGlycerol\_CATABOLIC\_PROCESS  
GOBP\_AMINO\_ACID\_BETAIN\_TRANSPORT, GOBP\_AMINO\_ACID\_BETAIN\_TRANSPORT  
GOBP\_POSITIVE\_REGULATION\_OF\_INTERFERON\_ALPHA\_PRODUCTION, GOBP\_POSITIVE\_REGULATION\_OF\_INTERFERON\_ALPHA\_PRODUCTION  
PID\_WNT\_CANONICAL\_PATHWAY, PID\_WNT\_CANONICAL\_PATHWAY  
HP\_RECURRENT\_HAND\_FLAPPING, HP\_RECURRENT\_HAND\_FLAPPING  
GOBP\_REGULATION\_OF\_OLIGODENDROCYTE\_DIFFERENTIATION, GOBP\_REGULATION\_OF\_OLIGODENDROCYTE\_DIFFERENTIATION  
HP\_CALF\_MUSCLE\_PSEUDOHYPERTROPHY, HP\_CALF\_MUSCLE\_PSEUDOHYPERTROPHY  
GOCC\_MUTLALPHA\_COMPLEX, GOCC\_MUTLALPHA\_COMPLEX  
GOMF\_BETA\_N\_ACETYLHEXOSAMINIDASE\_ACTIVITY, GOMF\_BETA\_N\_ACETYLHEXOSAMINIDASE\_ACTIVITY  
GOBP\_POSITIVE\_REGULATION\_OF\_CELL\_MIGRATION\_BY\_VASCULAR\_ENDOTHELIAL\_GROWTH\_FACTOR\_SIGNALING\_PATHWAY, GOBP\_POSITIVE\_REGULATION\_OF\_CELL\_MIGRATION\_BY\_VASCULAR\_ENDOTHELIAL\_GROWTH\_FACTOR  
GOBP\_PENETRATION\_OF\_ZONA\_PELLUCIDA, GOBP\_PENETRATION\_OF\_ZONA\_PELLUCIDA  
HP\_LIMB\_TREMOR, HP\_LIMB\_TREMOR  
MIR6793\_5P, MIR6793\_5P  
HP\_RADIAL\_DEVIATION\_OF\_THE\_HAND, HP\_RADIAL\_DEVIATION\_OF\_THE\_HAND  
REACTOME\_ORGANIC\_CATION\_ANION\_ZWITTERION\_TRANSPORT, REACTOME\_ORGANIC\_CATION\_ANION\_ZWITTERION\_TRANSPORT  
GOMF\_GLYCINE\_BINDING, GOMF\_GLYCINE\_BINDING  
GOBP\_ASTROCYTE\_CELL\_MIGRATION, GOBP\_ASTROCYTE\_CELL\_MIGRATION  
GOBP\_SEMICIRCULAR\_CANAL\_DEVELOPMENT, GOBP\_SEMICIRCULAR\_CANAL\_DEVELOPMENT  
GOBP\_LEFT\_RIGHT\_AXIS\_SPECIFICATION, GOBP\_LEFT\_RIGHT\_AXIS\_SPECIFICATION  
PANAPASA\_BLOOD\_FLUENZ\_AGE\_03\_17YO\_3DY\_4DY\_DN, PANAPASA\_BLOOD\_FLUENZ\_AGE\_03\_17YO\_3DY\_4DY\_DN  
GOCC\_BARR\_BODY, GOCC\_BARR\_BODY  
HP\_PILOMATRIKXOMA, HP\_PILOMATRIKXOMA  
HP\_APLASIA\_HYPOPLASIA\_OF\_THE\_NASAL\_SEPTUM, HP\_APLASIA\_HYPOPLASIA\_OF\_THE\_NASAL\_SEPTUM  
GOBP\_POSITIVE\_REGULATION\_OF\_CELLULAR\_PATH\_REDUCTION, GOBP\_POSITIVE\_REGULATION\_OF\_CELLULAR\_PATH\_REDUCTION  
GOBP\_CHORIONIC\_TROPHOBLAST\_CELL\_PROLIFERATION, GOBP\_CHORIONIC\_TROPHOBLAST\_CELL\_PROLIFERATION  
GOBP\_REGULATION\_OF\_SNRNA\_TRANSCRIPTION\_BY\_RNA\_POLYMERASE\_II, GOBP\_REGULATION\_OF\_SNRNA\_TRANSCRIPTION\_BY\_RNA\_POLYMERASE\_II  
GOBP\_PROTEIN\_POLY\_ADP\_RIBOSYLATION, GOBP\_PROTEIN\_POLY\_ADP\_RIBOSYLATION  
GOMF\_RDNA\_BINDING, GOMF\_RDNA\_BINDING  
GOMF\_GTPASE\_INHIBITOR\_ACTIVITY, GOMF\_GTPASE\_INHIBITOR\_ACTIVITY  
GOCC\_DYSTROGLYCAN\_COMPLEX, GOCC\_DYSTROGLYCAN\_COMPLEX  
PETRETTO\_LEFT\_VENTRICLE\_MASS\_QTL\_CIS\_UP, PETRETTO\_LEFT\_VENTRICLE\_MASS\_QTL\_CIS\_UP  
HP\_ENDOCARDIAL\_FIBROELASTOSIS, HP\_ENDOCARDIAL\_FIBROELASTOSIS  
GOBP\_DETECTION\_OF\_VIRUS, GOBP\_DETECTION\_OF\_VIRUS  
GOBP\_HISTONE\_H3\_K36\_TRIMETHYLATION, GOBP\_HISTONE\_H3\_K36\_TRIMETHYLATION  
GOBP\_REGULATION\_OF\_FOCAL\_ADHESION\_DISASSEMBLY, GOBP\_REGULATION\_OF\_FOCAL\_ADHESION\_DISASSEMBLY  
GOBP\_VITAMIN\_CATABOLIC\_PROCESS, GOBP\_VITAMIN\_CATABOLIC\_PROCESS  
PID\_ARF6\_DOWNSTREAM\_PATHWAY, PID\_ARF6\_DOWNSTREAM\_PATHWAY  
REACTOME\_TRAF3\_DEPENDENT\_IRF\_ACTIVATION\_PATHWAY, REACTOME\_TRAF3\_DEPENDENT\_IRF\_ACTIVATION\_PATHWAY  
GOBP\_POSITIVE\_REGULATION\_OF\_SKELETAL\_MUSCLE\_CELL\_DIFFERENTIATION, GOBP\_POSITIVE\_REGULATION\_OF\_SKELETAL\_MUSCLE\_CELL\_DIFFERENTIATION  
HP\_IMPAIRED\_THERMAL\_SENSITIVITY, HP\_IMPAIRED\_THERMAL\_SENSITIVITY  
GOBP\_NEGATIVE\_REGULATION\_OF\_PPTIDYL\_CYSINE\_S\_NITROSYLATION, GOBP\_NEGATIVE\_REGULATION\_OF\_PPTIDYL\_CYSINE\_S\_NITROSYLATION  
GOBP\_NEURAL\_PLATE\_DEVELOPMENT, GOBP\_NEURAL\_PLATE\_DEVELOPMENT  
GOBP\_GANGLIOSIDE\_CATABOLIC\_PROCESS, GOBP\_GANGLIOSIDE\_CATABOLIC\_PROCESS  
GOBP\_INTESTINAL\_EPITHELIAL\_STRUCTURE\_MAINTENANCE, GOBP\_INTESTINAL\_EPITHELIAL\_STRUCTURE\_MAINTENANCE  
GOBP\_EXTRAEMBRYONIC\_MEMBRANE\_DEVELOPMENT, GOBP\_EXTRAEMBRYONIC\_MEMBRANE\_DEVELOPMENT  
HP\_FOOT\_OLIGODACTYL, HP\_FOOT\_OLIGODACTYL  
GOBP\_GLIAL\_CELL\_DERIVED\_NEUROTROPHIC\_FACTOR\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_GLIAL\_CELL\_DERIVED\_NEUROTROPHIC\_FACTOR\_RECEPTOR\_SIGNALING\_PATHWAY  
HP\_ESOPHAGEAL\_CARCIOMA, HP\_ESOPHAGEAL\_CARCIOMA  
GOMF\_QUATERNARY\_AMMONIUM\_GROUP\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_QUATERNARY\_AMMONIUM\_GROUP\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOMF\_PHOSPHATIDYLINOSITOL\_3\_KINASE\_REGULATORY\_SUBUNIT\_BINDING, GOMF\_PHOSPHATIDYLINOSITOL\_3\_KINASE\_REGULATORY\_SUBUNIT\_BINDING  
HP\_CUTANEOUS\_CYST, HP\_CUTANEOUS\_CYST  
HP\_THORACIC\_DYSPLASIA, HP\_THORACIC\_DYSPLASIA  
BIOCARTA\_WNT\_PATHWAY, BIOCARTA\_WNT\_PATHWAY  
HP\_ORBITAL\_CYST, HP\_ORBITAL\_CYST  
HP\_SACROCOCYGEAL\_TERATOMA, HP\_SACROCOCYGEAL\_TERATOMA  
GOBP\_DELAMINATION, GOBP\_DELAMINATION  
GOBP\_REGULATION\_OF\_FOREBRAIN\_NEURON\_DIFFERENTIATION, GOBP\_REGULATION\_OF\_FOREBRAIN\_NEURON\_DIFFERENTIATION  
GOBP\_POSITIVE\_REGULATION\_OF\_CHEMOKINE\_C\_C\_MOTIF\_LIGAND\_5\_PRODUCTION, GOBP\_POSITIVE\_REGULATION\_OF\_CHEMOKINE\_C\_C\_MOTIF\_LIGAND\_5\_PRODUCTION  
HP\_HYPERPIGMENTATION\_OF\_THE\_FUNDUS, HP\_HYPERPIGMENTATION\_OF\_THE\_FUNDUS  
GOBP\_CARNITINE\_TRANSPORT, GOBP\_CARNITINE\_TRANSPORT  
GOBP\_CHORION\_DEVELOPMENT, GOBP\_CHORION\_DEVELOPMENT  
GOBP\_REGULATION\_OF\_CITOPLASMIC\_TRANSLATIONAL\_INITIATION, GOBP\_REGULATION\_OF\_CITOPLASMIC\_TRANSLATIONAL\_INITIATION  
HP\_ADRENOCORTICAL\_ADENOMA, HP\_ADRENOCORTICAL\_ADENOMA  
WP\_OSTEOPOINTIN\_SIGNALING, WP\_OSTEOPOINTIN\_SIGNALING  
GOBP\_NEGATIVE\_REGULATION\_OF\_MULTICELLULAR\_ORGANISM\_GROWTH, GOBP\_NEGATIVE\_REGULATION\_OF\_MULTICELLULAR\_ORGANISM\_GROWTH  
GOBP\_GROWTH\_PLATE\_CARTILAGE\_CHONDROCYTE\_DIFFERENTIATION, GOBP\_GROWTH\_PLATE\_CARTILAGE\_CHONDROCYTE\_DIFFERENTIATION  
GOBP\_CELL\_FATE\_DETERMINATION, GOBP\_CELL\_FATE\_DETERMINATION  
GOBP\_PPTIDGLYCAN\_METABOLIC\_PROCESS, GOBP\_PPTIDGLYCAN\_METABOLIC\_PROCESS  
GOBP\_FOREBRAIN\_RADIAL\_GLIAL\_CELL\_DIFFERENTIATION, GOBP\_FOREBRAIN\_RADIAL\_GLIAL\_CELL\_DIFFERENTIATION  
WP\_AUTOSOMAL\_RECESSIVE\_OSTEOPETROSIS\_PATHWAYS, WP\_AUTOSOMAL\_RECESSIVE\_OSTEOPETROSIS\_PATHWAYS  
MIR6788\_3P, MIR6788\_3P  
HOEK\_MONOCYTE\_2011\_2012\_TIV\_ADULT\_3DY\_UP, HOEK\_MONOCYTE\_2011\_2012\_TIV\_ADULT\_3DY\_UP  
GOBP\_NEGATIVE\_REGULATION\_OF\_CELLULAR\_RESPONSE\_TO\_OXIDATIVE\_STRESS, GOBP\_NEGATIVE\_REGULATION\_OF\_CELLULAR\_RESPONSE\_TO\_OXIDATIVE\_STRESS  
GOBP\_NEGATIVE\_REGULATION\_OF\_DENDRITE\_DEVELOPMENT, GOBP\_NEGATIVE\_REGULATION\_OF\_DENDRITE\_DEVELOPMENT  
LIU\_CMYB\_TARGETS\_DN, LIU\_CMYB\_TARGETS\_DN  
GOMF\_NUCLEOSIDE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_NUCLEOSIDE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOBP\_LATE\_ENDOSOME\_TO\_LYSOSOME\_TRANSPORT, GOBP\_LATE\_ENDOSOME\_TO\_LYSOSOME\_TRANSPORT  
GOMF\_PYRIMIDINE\_NUCLEOSIDE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_PYRIMIDINE\_NUCLEOSIDE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOBP\_NUCLEOSIDE\_TRANSMEMBRANE\_TRANSPORT, GOBP\_NUCLEOSIDE\_TRANSMEMBRANE\_TRANSPORT  
GOCC\_CILIARY\_BASE, GOCC\_CILIARY\_BASE  
GOBP\_SMOOTHENED\_SIGNALING\_PATHWAY\_INVOLVED\_IN\_DORSAL\_VENTRAL\_NEURAL\_TUBE\_PATTERNING, GOBP\_SMOOTHENED\_SIGNALING\_PATHWAY\_INVOLVED\_IN\_DORSAL\_VENTRAL\_NEURAL\_TUBE\_PATTERNING  
GOBP\_NEGATIVE\_REGULATION\_OF\_PRL\_MIRNA\_TRANSCRIPTION\_BY\_RNA\_POLYMERASE\_II, GOBP\_NEGATIVE\_REGULATION\_OF\_PRL\_MIRNA\_TRANSCRIPTION\_BY\_RNA\_POLYMERASE\_II  
GOCC\_STEREOCILUM\_MEMBRANE, GOCC\_STEREOCILUM\_MEMBRANE  
HP\_ALTERNATING\_ESOTROPIA, HP\_ALTERNATING\_ESOTROPIA  
GOBP\_PYRIMIDINE\_NUCLEOSIDE\_TRANSPORT, GOBP\_PYRIMIDINE\_NUCLEOSIDE\_TRANSPORT  
GOBP\_REGULATION\_OF\_ENDODERMAL\_CELL\_DIFFERENTIATION, GOBP\_REGULATION\_OF\_ENDODERMAL\_CELL\_DIFFERENTIATION  
GOMF\_URIDINE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_URIDINE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOBP\_CHROMOSOME\_LOCALIZATION\_TO\_NUCLEAR\_ENVELOPE\_INVOLVED\_IN\_HOMOLOGOUS\_CHROMOSOME\_SEGREGATION, GOBP\_CHROMOSOME\_LOCALIZATION\_TO\_NUCLEAR\_ENVELOPE\_INVOLVED\_IN\_HOMOLOGOUS\_CHROMOSOME\_SEGREGATION  
GOBP\_XENOBOTIC\_DETOXIFICATION\_BY\_TRANSMEMBRANE\_EXPORT\_ACROSS\_THE\_PLASMA\_MEMBRANE, GOBP\_XENOBOTIC\_DETOXIFICATION\_BY\_TRANSMEMBRANE\_EXPORT\_ACROSS\_THE\_PLASMA\_MEMBRANE  
HP\_ODONTOGENIC\_NEOPLASM, HP\_ODONTOGENIC\_NEOPLASM  
HP\_CALCIFICATION\_OF\_FALX\_CEREBRI, HP\_CALCIFICATION\_OF\_FALX\_CEREBRI  
GOBP\_INCREASED\_ARM\_SPAN, HP\_INCREASED\_ARM\_SPAN  
GOBP\_NEGATIVE\_REGULATION\_OF\_TRANSCRIPTION\_BY\_RNA\_POLYMERASE\_I, GOBP\_NEGATIVE\_REGULATION\_OF\_TRANSCRIPTION\_BY\_RNA\_POLYMERASE\_I  
GOBP\_POST\_EMBRYONIC\_CAMERA\_TYPE\_EYE\_DEVELOPMENT, GOBP\_POST\_EMBRYONIC\_CAMERA\_TYPE\_EYE\_DEVELOPMENT  
GOBP\_PPTIDE\_MODIFICATION, GOBP\_PPTIDE\_MODIFICATION  
GOBP\_NEGATIVE\_REGULATION\_OF\_DENDRITIC\_SPINE\_MORPHOGENESIS, GOBP\_NEGATIVE\_REGULATION\_OF\_DENDRITIC\_SPINE\_MORPHOGENESIS  
GOMF\_METALLOENDOPEPTIDASE\_INHIBITOR\_ACTIVITY, GOMF\_METALLOENDOPEPTIDASE\_INHIBITOR\_ACTIVITY  
GOBP\_GLUUCOSAMINE\_CONTAINING\_COMPOUND\_CATABOLIC\_PROCESS, GOBP\_GLUUCOSAMINE\_CONTAINING\_COMPOUND\_CATABOLIC\_PROCESS  
HP\_TALL\_CHIN, HP\_TALL\_CHIN  
REACTOME\_TRAF6\_MEDIATED\_IRF7\_ACTIVATION, REACTOME\_TRAF6\_MEDIATED\_IRF7\_ACTIVATION  
GOBP\_CELL\_DIFFERENTIATION\_IN\_HINDRAIN, GOBP\_CELL\_DIFFERENTIATION\_IN\_HINDRAIN