

S\_GATA3\_KO\_TREG\_DN, GSE39864\_WT\_VS\_GATA3\_KO\_TREG\_DN

GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD4CD8DN\_DC\_UP, GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD4CD8DN\_DC\_UP  
GSE33425\_CD161\_INT\_VS\_NEG\_CD8\_TCELL\_UP, GSE33425\_CD161\_INT\_VS\_NEG\_CD8\_TCELL\_UP  
GSE35685\_CD34POS\_CD10NEG\_CD62LPOS\_VS\_CD34POS\_CD10POS\_BONE\_MARROW\_UP, GSE35685\_CD34POS\_CD10NEG\_CD62LPOS\_VS\_CD34POS\_CD10POS\_BONE\_MARROW\_UP  
GSE42021\_TREG\_PLN\_VS\_CD24HI\_TREG\_THYMUS\_DN, GSE42021\_TREG\_PLN\_VS\_CD24HI\_TREG\_THYMUS\_DN  
GSE24726\_WT\_VS\_E2\_2\_KO\_PDC\_DAY6\_POST\_DELETION\_UP, GSE24726\_WT\_VS\_E2\_2\_KO\_PDC\_DAY6\_POST\_DELETION\_UP  
GSE20198\_IL12\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_UP, GSE20198\_IL12\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_UP  
GSE26343\_WT\_VS\_NFAT5\_KO\_MACROPHAGE\_UP, GSE26343\_WT\_VS\_NFAT5\_KO\_MACROPHAGE\_UP  
GSE24726\_WT\_VS\_E2\_2\_KO\_PDC\_DAY6\_POST\_DELETION\_DN, GSE24726\_WT\_VS\_E2\_2\_KO\_PDC\_DAY6\_POST\_DELETION\_DN  
GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD4POS\_DC\_UP, GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD4POS\_DC\_UP  
GSE17721\_4\_VS\_24H\_CPG\_BMDC\_DN, GSE17721\_4\_VS\_24H\_CPG\_BMDC\_DN  
GSE17721\_0.5H\_VS\_4H\_CPG\_BMDC\_UP, GSE17721\_0.5H\_VS\_4H\_CPG\_BMDC\_UP  
GSE17721\_0.5H\_VS\_8H\_LPS\_BMDC\_UP, GSE17721\_0.5H\_VS\_8H\_LPS\_BMDC\_UP  
GSE23308\_WT\_VS\_MINERALCORTICOID\_REC\_KO\_MACROPHAGE\_UP, GSE23308\_WT\_VS\_MINERALCORTICOID\_REC\_KO\_MACROPHAGE\_UP  
GOLDRATH\_NAIVE\_VS\_EFF\_CD8\_TCELL\_UP, GOLDRATH\_NAIVE\_VS\_EFF\_CD8\_TCELL\_UP  
GSE27786\_LIN\_NEG\_VS\_BCELL\_DN, GSE27786\_LIN\_NEG\_VS\_BCELL\_DN  
GSE17721\_12H\_VS\_24H\_LPS\_BMDC\_DN, GSE17721\_12H\_VS\_24H\_LPS\_BMDC\_DN  
GSE17721\_CTRL\_VS\_LPS\_8H\_BMDC\_UP, GSE17721\_CTRL\_VS\_LPS\_8H\_BMDC\_UP  
GSE26343\_WT\_VS\_NFAT5\_KO\_MACROPHAGE\_LPS\_STIM\_DN, GSE26343\_WT\_VS\_NFAT5\_KO\_MACROPHAGE\_LPS\_STIM\_DN  
GSE6092\_B\_BURGDOFERI\_VS\_B\_BURGDORFERI\_AND\_IFNG\_STIM\_ENDOTHELIAL\_CELL\_UP, GSE6092\_B\_BURGDOFERI\_VS\_B\_BURGDORFERI\_AND\_IFNG\_STIM\_ENDOTHELIAL\_CELL\_UP  
GSE40274\_CTRL\_VS\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_CTRL\_VS\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE17721\_0.5H\_VS\_4H\_PAM3CSK4\_BMDC\_UP, GSE17721\_0.5H\_VS\_4H\_PAM3CSK4\_BMDC\_UP  
GSE17721\_CTRL\_VS\_CPG\_6H\_BMDC\_UP, GSE17721\_CTRL\_VS\_CPG\_6H\_BMDC\_UP  
GSE29618\_BCELL\_VS\_PDC\_DAY7\_FLU\_VACCINE\_DN, GSE29618\_BCELL\_VS\_PDC\_DAY7\_FLU\_VACCINE\_DN  
GSE26030\_UNSTIM\_VS\_RESTIM\_TH1\_DAYS\_POST\_POLARIZATION\_DN, GSE26030\_UNSTIM\_VS\_RESTIM\_TH1\_DAYS\_POST\_POLARIZATION\_DN  
GSE19198\_CTRL\_VS\_IL21\_TREATED\_TCELL\_24H\_DN, GSE19198\_CTRL\_VS\_IL21\_TREATED\_TCELL\_24H\_DN  
GSE7764\_IL15\_NK\_CELL\_24H\_VS\_SPLENOCYTE\_DN, GSE7764\_IL15\_NK\_CELL\_24H\_VS\_SPLENOCYTE\_DN  
GSE8384\_CTRL\_VS\_B\_ABORTUS\_4H\_MAC\_CELL\_LINE\_UP, GSE8384\_CTRL\_VS\_B\_ABORTUS\_4H\_MAC\_CELL\_LINE\_UP  
GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_UP, GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_UP  
GSE27434\_WT\_VS\_DNMT1\_KO\_TREG\_UP, GSE27434\_WT\_VS\_DNMT1\_KO\_TREG\_UP  
GSE32034\_UNTREATED\_VS\_ROSIGLIZATONE\_TREATED\_LY6C\_HIGH\_MONOCYTE\_DN, GSE32034\_UNTREATED\_VS\_ROSIGLIZATONE\_TREATED\_LY6C\_HIGH\_MONOCYTE\_DN  
GSE32164\_ALTERNATIVELY\_ACT\_M2\_VS\_CMYC\_INHIBITED\_MACROPHAGE\_UP, GSE32164\_ALTERNATIVELY\_ACT\_M2\_VS\_CMYC\_INHIBITED\_MACROPHAGE\_UP  
GSE43955\_1H\_VS\_60H\_ACT\_CD4\_TCELL\_WITH\_TGFB\_IL6\_UP, GSE43955\_1H\_VS\_60H\_ACT\_CD4\_TCELL\_WITH\_TGFB\_IL6\_UP  
GSE22443\_NAIVE\_VS\_ACT\_AND\_IL12\_TREATED\_CD8\_TCELL\_UP, GSE22443\_NAIVE\_VS\_ACT\_AND\_IL12\_TREATED\_CD8\_TCELL\_UP  
GSE15930\_STIM\_VS\_STIM\_AND\_IFNAB\_72H\_CD8\_T\_CELL\_DN, GSE15930\_STIM\_VS\_STIM\_AND\_IFNAB\_72H\_CD8\_T\_CELL\_DN  
GOCC\_AZUROPHIL\_GRANULE, GOCC\_AZUROPHIL\_GRANULE  
GSE33513\_TCF7\_KO\_VS\_HET\_EARLY\_THYMIC\_PROGENITOR\_DN, GSE33513\_TCF7\_KO\_VS\_HET\_EARLY\_THYMIC\_PROGENITOR\_DN  
GSE2706\_2H\_VS\_8H\_LPS\_STIM\_DC\_UP, GSE2706\_2H\_VS\_8H\_LPS\_STIM\_DC\_UP  
GSE43955\_TGFB\_IL6\_VS\_TGFB\_IL6\_IL23\_THI7\_ACT\_CD4\_TCELL\_60H\_UP, GSE43955\_TGFB\_IL6\_VS\_TGFB\_IL6\_IL23\_THI7\_ACT\_CD4\_TCELL\_60H\_UP  
GSE20727\_CTRL\_VS\_DNFB\_ALLERGEN\_TREATED\_DC\_DN, GSE20727\_CTRL\_VS\_DNFB\_ALLERGEN\_TREATED\_DC\_DN  
GSE1448\_ANTL\_VALPHA2\_VS\_VBETA5\_DP\_THYMOCYTE\_UP, GSE1448\_ANTL\_VALPHA2\_VS\_VBETA5\_DP\_THYMOCYTE\_UP  
GSE6259\_33D1\_POS\_VS\_DEC205\_POS\_FLT3L\_INDUCED\_SPLENIC\_DC\_DN, GSE6259\_33D1\_POS\_VS\_DEC205\_POS\_FLT3L\_INDUCED\_SPLENIC\_DC\_DN  
GSE21360\_NAIVE\_VS\_PRIMARY\_MEMORY\_CD8\_TCELL\_DN, GSE21360\_NAIVE\_VS\_PRIMARY\_MEMORY\_CD8\_TCELL\_DN  
GSE22103\_UNSTIM\_VS\_LPS\_STIM\_NEUTROPHIL\_DN, GSE22103\_UNSTIM\_VS\_LPS\_STIM\_NEUTROPHIL\_DN  
KAECH\_NAIVE\_VS\_MEMORY\_CD8\_TCELL\_UP, KAECH\_NAIVE\_VS\_MEMORY\_CD8\_TCELL\_UP  
GSE29164\_CD8\_TCELL\_VS\_CD8\_TCELL\_AND\_IL12\_TREATED\_MELANOMA\_DAY3\_DN, GSE29164\_CD8\_TCELL\_VS\_CD8\_TCELL\_AND\_IL12\_TREATED\_MELANOMA\_DAY3\_DN  
GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_45MIN\_DN, GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_45MIN\_DN  
GSE7831\_UNSTIM\_VS\_INFLUENZA\_STIM\_PDC\_4H\_DN, GSE7831\_UNSTIM\_VS\_INFLUENZA\_STIM\_PDC\_4H\_DN  
GSE339\_CD4POS\_VS\_CD4CD8DN\_DC\_DN, GSE339\_CD4POS\_VS\_CD4CD8DN\_DC\_DN  
GSE21063\_3H\_VS\_16H\_ANTL\_IGM\_STIM\_NFATC1\_KOBCELL\_UP, GSE21063\_3H\_VS\_16H\_ANTL\_IGM\_STIM\_NFATC1\_KOBCELL\_UP  
BYSTRYKH\_HEMATOPOIESIS\_STEM\_CELL\_QTL\_CIS, BYSTRYKH\_HEMATOPOIESIS\_STEM\_CELL\_QTL\_CIS  
GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_RAG2\_KO\_NK\_CELL\_UP, GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_RAG2\_KO\_NK\_CELL\_UP  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_6H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_PAM3CSK4\_6H\_BMDC\_UP  
GSE24574\_NAIVE\_VS\_TCONV\_CD4\_TCELL\_UP, GSE24574\_NAIVE\_VS\_TCONV\_CD4\_TCELL\_UP  
GSE39152\_CD103\_NEG\_VS\_POS\_MEMORY\_CD8\_TCELL\_UP, GSE39152\_CD103\_NEG\_VS\_POS\_MEMORY\_CD8\_TCELL\_UP  
GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_PRO\_BCELL\_UP, GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_PRO\_BCELL\_UP  
ZHAN\_MULTIPLE\_MYELOMA\_CD1\_AND\_CD2\_UP, ZHAN\_MULTIPLE\_MYELOMA\_CD1\_AND\_CD2\_UP  
GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_ADULT\_UP, GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_ADULT\_UP  
GSE17721\_CTRL\_VS\_POLYIC\_2H\_BMDC\_UP, GSE17721\_CTRL\_VS\_POLYIC\_2H\_BMDC\_UP  
GSE15930\_STIM\_VS\_STIM\_AND\_IL12\_24H\_CD8\_T\_CELL\_UP, GSE15930\_STIM\_VS\_STIM\_AND\_IL12\_24H\_CD8\_T\_CELL\_UP  
GSE5503\_LIVER\_DC\_VS\_PLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_UP, GSE5503\_LIVER\_DC\_VS\_PLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_UP  
GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD4CD8DN\_DC\_DN, GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD4CD8DN\_DC\_DN  
GSE27670\_CTRL\_VS\_LMP1\_TRANSDUCED\_GC\_BCELL\_DN, GSE27670\_CTRL\_VS\_LMP1\_TRANSDUCED\_GC\_BCELL\_DN  
GSE2826\_XID\_VS\_BTK\_KO\_BCELL\_UP, GSE2826\_XID\_VS\_BTK\_KO\_BCELL\_UP  
GSE1448\_CTRL\_VS\_ANTL\_VALPHA2\_DP\_THYMOCYTE\_DN, GSE1448\_CTRL\_VS\_ANTL\_VALPHA2\_DP\_THYMOCYTE\_DN  
GSE5679\_CTRL\_VS\_PPARG\_LIGAND\_ROSIGLITAZONE\_AND\_RARA\_AGONIST\_AM580\_TREATED\_DC\_DN, GSE5679\_CTRL\_VS\_PPARG\_LIGAND\_ROSIGLITAZONE\_AND\_RARA\_AGONIST\_AM580\_TREATED\_DC\_DN  
GSE40274\_CTRL\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_CTRL\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
SHEDDEN\_LUNG\_CANCER\_GOOD\_SURVIVAL\_A4, SHEDDEN\_LUNG\_CANCER\_GOOD\_SURVIVAL\_A4  
GSE2585\_THYMIC\_DC\_VS\_MTEC\_UP, GSE2585\_THYMIC\_DC\_VS\_MTEC\_UP  
GSE7852\_THYMUS\_VS\_FAT\_TREG\_DN, GSE7852\_THYMUS\_VS\_FAT\_TREG\_DN  
GSE28737\_BCL6\_HET\_VS\_BCL6\_KO\_FOLLICULAR\_BCELL\_DN, GSE28737\_BCL6\_HET\_VS\_BCL6\_KO\_FOLLICULAR\_BCELL\_DN  
GSE37533\_PPARG1\_FOXP3\_VS\_PPARG2\_FOXP3\_TRANSDUCED\_CD4\_TCELL\_PIOGLITAZONE\_TREATED\_UP, GSE37533\_PPARG1\_FOXP3\_VS\_PPARG2\_FOXP3\_TRANSDUCED\_CD4\_TCELL\_PIOGLITAZONE\_TREATED\_UP  
CHIARADONNA\_NEOPLASTIC\_TRANSFORMATION\_KRAS\_DN, CHIARADONNA\_NEOPLASTIC\_TRANSFORMATION\_KRAS\_DN  
ZHENG\_CORD\_BLOOD\_C10\_MULTILYMPHOID\_PROGENITOR, ZHENG\_CORD\_BLOOD\_C10\_MULTILYMPHOID\_PROGENITOR  
GSE44649\_WT\_VS\_MIR155\_KO\_NAIVE\_CD8\_TCELL\_UP, GSE44649\_WT\_VS\_MIR155\_KO\_NAIVE\_CD8\_TCELL\_UP  
GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_DN, GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_DN  
TONKS\_TARGETS\_OF\_RUNX1\_RUNX1T1\_FUSION\_MONOCYTE\_DN, TONKS\_TARGETS\_OF\_RUNX1\_RUNX1T1\_FUSION\_MONOCYTE\_DN  
GSE26488\_HDAC7\_KO\_VS\_VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCYTE\_DN, GSE26488\_HDAC7\_KO\_VS\_VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCYTE\_DN  
GSE32034\_UNTREATED\_VS\_ROSIGLIZATONE\_TREATED\_LY6C\_LOW\_MONOCYTE\_DN, GSE32034\_UNTREATED\_VS\_ROSIGLIZATONE\_TREATED\_LY6C\_LOW\_MONOCYTE\_DN  
LEE\_AGING\_NEOCORTEX\_UP, LEE\_AGING\_NEOCORTEX\_UP  
HP\_IRIS\_COLOBOMA, HP\_IRIS\_COLOBOMA  
GSE39152\_SPLEEN\_CD103\_NEG\_VS\_BRAIN\_CD103\_POS\_MEMORY\_CD8\_TCELL\_DN, GSE39152\_SPLEEN\_CD103\_NEG\_VS\_BRAIN\_CD103\_POS\_MEMORY\_CD8\_TCELL\_DN  
HP\_ABNORMAL\_NEURON\_MORPHOLOGY, HP\_ABNORMAL\_NEURON\_MORPHOLOGY  
TCTGGAC\_MIR198, TCTGGAC\_MIR198  
MIR3911, MIR3911  
GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_180MIN\_UP, GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_180MIN\_UP  
GSE19888\_ADENOSINE\_A3R\_INH\_VS\_TCELL\_MEMBRANES\_ACT\_MAST\_CELL\_DN, GSE19888\_ADENOSINE\_A3R\_INH\_VS\_TCELL\_MEMBRANES\_ACT\_MAST\_CELL\_DN  
HP\_LOSS\_OF\_SPEECH, HP\_LOSS\_OF\_SPEECH  
HP\_INCREASED\_BONE\_MINERAL\_DENSITY, HP\_INCREASED\_BONE\_MINERAL\_DENSITY  
GSE339\_CD4POS\_VS\_CD4CD8DN\_DC\_IN\_CULTURE\_DN, GSE339\_CD4POS\_VS\_CD4CD8DN\_DC\_IN\_CULTURE\_DN  
YAO\_TEMPORAL\_RESPONSE\_TO\_PROGESTERONE\_CLUSTER\_6, YAO\_TEMPORAL\_RESPONSE\_TO\_PROGESTERONE\_CLUSTER\_6  
MIR449C\_3P, MIR449C\_3P  
MIR1227\_5P, MIR1227\_5P  
MIR1912\_5P, MIR1912\_5P  
MIR2467\_5P, MIR2467\_5P  
GOBP\_CERAMIDE\_METABOLIC\_PROCESS, GOBP\_CERAMIDE\_METABOLIC\_PROCESS  
MIR4524B\_3P, MIR4524B\_3P  
GOMF\_RETINOIC\_ACID\_RECEPTOR\_BINDING, GOMF\_RETINOIC\_ACID\_RECEPTOR\_BINDING  
MODULE\_166, MODULE\_166  
MIR2276\_5P, MIR2276\_5P  
KLEIN\_PRIMARY\_EFFUSION\_LYMPHOMA\_DN, KLEIN\_PRIMARY\_EFFUSION\_LYMPHOMA\_DN  
GOLUB\_ALL\_VS\_AML\_UP, GOLUB\_ALL\_VS\_AML\_UP  
REACTOME\_NRIH3\_NRIH2\_REGULATE\_GENE\_EXPRESSION\_LINKED\_TO\_CHOLESTEROL\_TRANSPORT\_AND\_EFFLUX, REACTOME\_NRIH3\_NRIH2\_REGULATE\_GENE\_EXPRESSION\_LINKED\_TO\_CHOLESTEROL\_TRANSPORT\_AND\_EFFLUX  
MIR6769B\_5P, MIR6769B\_5P  
GOCC\_LIPID\_DROPLET, GOCC\_LIPID\_DROPLET  
LIANG\_HEMATOPOIESIS\_STEM\_CELL\_NUMBER\_SMALL\_VS\_HUGE\_UP, LIANG\_HEMATOPOIESIS\_STEM\_CELL\_NUMBER\_SMALL\_VS\_HUGE\_UP  
GOBP\_VASCULAR\_TRANSPORT, GOBP\_VASCULAR\_TRANSPORT  
GOBP\_SPHINGOLIPID\_BIOSYNTHETIC\_PROCESS, GOBP\_SPHINGOLIPID\_BIOSYNTHETIC\_PROCESS  
CHESLER\_BRAIN\_QTL\_CIS, CHESLER\_BRAIN\_QTL\_CIS  
GOMF\_LIGAND\_GATED\_CALCIUM\_CHANNEL\_ACTIVITY, GOMF\_LIGAND\_GATED\_CALCIUM\_CHANNEL\_ACTIVITY  
MIR6748\_5P, MIR6748\_5P  
MIR6821\_3P, MIR6821\_3P  
MIR616\_3P, MIR616\_3P  
GOBP\_CENTRAL\_NERVOUS\_SYSTEM\_NEURON\_DIFFERENTIATION, GOBP\_CENTRAL\_NERVOUS\_SYSTEM\_NEURON\_DIFFERENTIATION  
GOMF\_CARBOXY\_LYASE\_ACTIVITY, GOMF\_CARBOXY\_LYASE\_ACTIVITY  
GOBP\_CENTRAL\_NERVOUS\_SYSTEM\_NEURON\_DEVELOPMENT, GOBP\_CENTRAL\_NERVOUS\_SYSTEM\_NEURON\_DEVELOPMENT  
MIR6769A\_5P, MIR6769A\_5P  
GOBP\_LONG\_TERM\_SYNAPTIC\_POTENTIATION, GOBP\_LONG\_TERM\_SYNAPTIC\_POTENTIATION  
HP\_LACK\_OF\_INSIGHT, HP\_LACK\_OF\_INSIGHT  
BIOCARTA\_ETS\_PATHWAY, BIOCARTA\_ETS\_PATHWAY  
GOBP\_RUFFLE\_ORGANIZATION, GOBP\_RUFFLE\_ORGANIZATION  
GOBP\_FATTY\_ACID\_TRANSPORT, GOBP\_FATTY\_ACID\_TRANSPORT  
GOBP\_REGULATION\_OF\_TRIGLYCERIDE\_METABOLIC\_PROCESS, GOBP\_REGULATION\_OF\_TRIGLYCERIDE\_METABOLIC\_PROCESS  
HP\_SINGLE\_MEDIAN\_MAXILLARY\_INCISOR, HP\_SINGLE\_MEDIAN\_MAXILLARY\_INCISOR  
REACTOME\_NRIH2\_AND\_NRIH3\_MEDIATED\_SIGNALING, REACTOME\_NRIH2\_AND\_NRIH3\_MEDIATED\_SIGNALING  
GOBP\_CERAMIDE\_BIOSYNTHETIC\_PROCESS, GOBP\_CERAMIDE\_BIOSYNTHETIC\_PROCESS  
LINDVALL\_IMMORTALIZED\_BY\_TERT\_DN, LINDVALL\_IMMORTALIZED\_BY\_TERT\_DN  
MIR6812\_5P, MIR6812\_5P  
GOBP\_CENTRAL\_NERVOUS\_SYSTEM\_NEURON\_AXONOGENESIS, GOBP\_CENTRAL\_NERVOUS\_SYSTEM\_NEURON\_AXONOGENESIS  
GOBP\_NEUTRAL\_LIPID\_METABOLIC\_PROCESS, GOBP\_NEUTRAL\_LIPID\_METABOLIC\_PROCESS  
VALK\_AML\_CLUSTER\_16, VALK\_AML\_CLUSTER\_16  
REACTOME\_CASPASE\_MEDIATED\_CLEAVAGE\_OF\_CYTOSKELETAL\_PROTEINS, REACTOME\_CASPASE\_MEDIATED\_CLEAVAGE\_OF\_CYTOSKELETAL\_PROTEINS  
BUSSLINGER\_GASTRIC\_CHIEF\_CELLS, BUSSLINGER\_GASTRIC\_CHIEF\_CELLS  
MIR7705, MIR7705  
GOBP\_TRIGLYCERIDE\_METABOLIC\_PROCESS, GOBP\_TRIGLYCERIDE\_METABOLIC\_PROCESS  
GSE22443\_NAIVE\_VS\_ACT\_AND\_IL2\_TREATED\_CD8\_TCELL\_UP, GSE22443\_NAIVE\_VS\_ACT\_AND\_IL2\_TREATED\_CD8\_TCELL\_UP  
HP\_THICKENED\_CALVARIA, HP\_THICKENED\_CALVARIA  
GSE26488\_CTRL\_VS\_PEPTIDE\_INJECTION\_HDAC7\_DELTAP\_TG\_OT2\_THYMOCYTE\_UP, GSE26488\_CTRL\_VS\_PEPTIDE\_INJECTION\_HDAC7\_DELTAP\_TG\_OT2\_THYMOCYTE\_UP  
GOMF\_RNA\_POLYMERASE\_II\_TRANSCRIPTION\_FACTOR\_BINDING, GOMF\_RNA\_POLYMERASE\_II\_TRANSCRIPTION\_FACTOR\_BINDING  
GOMF\_RETINOID\_X\_RECEPTOR\_BINDING, GOMF\_RETINOID\_X\_RECEPTOR\_BINDING  
KAPOSI\_LIVER\_CANCER\_MET\_UP, KAPOSI\_LIVER\_CANCER\_MET\_UP  
GOBP\_STEROL\_TRANSPORT, GOBP\_STEROL\_TRANSPORT  
BYSTRYKH\_HEMATOPOIESIS\_STEM\_CELL\_FGF3, BYSTRYKH\_HEMATOPOIESIS\_STEM\_CELL\_FGF3  
BRACHAT\_RESPONSE\_TO\_METHOTREXATE\_UP, BRACHAT\_RESPONSE\_TO\_METHOTREXATE\_UP  
BIOCARTA\_AMAN\_PATHWAY, BIOCARTA\_AMAN\_PATHWAY  
HP\_PERIPHERAL\_PULMONARY\_ARTERY\_STENOSIS, HP\_PERIPHERAL\_PULMONARY\_ARTERY\_STENOSIS  
KIM\_HYPOXIA, KIM\_HYPOXIA  
GOBP\_REGULATION\_OF\_LONG\_TERM\_SYNAPTIC\_POTENTIATION, GOBP\_REGULATION\_OF\_LONG\_TERM\_SYNAPTIC\_POTENTIATION  
REACTOME\_DAG\_AND\_IP3\_SIGNALING, REACTOME\_DAG\_AND\_IP3\_SIGNALING  
HP\_ABNORMAL\_SARCOMERE\_MORPHOLOGY, HP\_ABNORMAL\_SARCOMERE\_MORPHOLOGY  
PAPASPYRIDONOS\_UNSTABLE\_ATEROSCLEROTIC\_PLAQUE\_DN, PAPASPYRIDONOS\_UNSTABLE\_ATEROSCLEROTIC\_PLAQUE\_DN  
MODULE\_417, MODULE\_417  
TSUNODA\_CISPLATIN\_RESISTANCE\_DN, TSUNODA\_CISPLATIN\_RESISTANCE\_DN  
WP\_GLYCEROLIPIDS\_AND\_GLYCEROPHOSPHOLIPIDS, WP\_GLYCEROLIPIDS\_AND\_GLYCEROPHOSPHOLIPIDS  
WP\_KENNEDY\_PATHWAY\_FROM\_SPHINGOLIPIDS, WP\_KENNEDY\_PATHWAY\_FROM\_SPHINGOLIPIDS  
GOBP\_POSITIVE\_REGULATION\_OF\_TRIGLYCERIDE\_METABOLIC\_PROCESS, GOBP\_POSITIVE\_REGULATION\_OF\_TRIGLYCERIDE\_METABOLIC\_PROCESS  
GOCC\_SYNAPTIC\_CLEFT, GOCC\_SYNAPTIC\_CLEFT  
GOMF\_CALCIUM\_RELEASE\_CHANNEL\_ACTIVITY, GOMF\_CALCIUM\_RELEASE\_CHANNEL\_ACTIVITY  
GOBP\_POSITIVE\_REGULATION\_OF\_SMALL\_MOLECULE\_METABOLIC\_PROCESS, GOBP\_POSITIVE\_REGULATION\_OF\_SMALL\_MOLECULE\_METABOLIC\_PROCESS  
AMUNDSON\_DNA\_DAMAGE\_RESPONSE\_TP53, AMUNDSON\_DNA\_DAMAGE\_RESPONSE\_TP53  
CROMER\_TUMORIGENESIS\_DN, CROMER\_TUMORIGENESIS\_DN  
GOBP\_REGULATION\_OF\_RETINOIC\_ACID\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_REGULATION\_OF\_RETINOIC\_ACID\_RECEPTOR\_SIGNALING\_PATHWAY  
ZNF445\_TARGET\_GENES, ZNF445\_TARGET\_GENES  
HP\_PORTAL\_FIBROSIS, HP\_PORTAL\_FIBROSIS  
GOBP\_GLYCOSPHINGOLIPID\_BIOSYNTHETIC\_PROCESS, GOBP\_GLYCOSPHINGOLIPID\_BIOSYNTHETIC\_PROCESS  
GOBP\_STEROL\_HOMEOSTASIS, GOBP\_STEROL\_HOMEOSTASIS  
GOMF\_INTRACELLULAR\_LIGAND\_GATED\_ION\_CHANNEL\_ACTIVITY, GOMF\_INTRACELLULAR\_LIGAND\_GATED\_ION\_CHANNEL\_ACTIVITY  
HP\_VENTRICULAR\_FIBRILLATION, HP\_VENTRICULAR\_FIBRILLATION