

ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_DN, GSE41867\_DAY6\_VS\_DAY8\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_DN

GSE41867\_NAIVE\_VS\_EFFECTOR\_CD8\_TCELL\_DN, GSE41867\_NAIVE\_VS\_EFFECTOR\_CD8\_TCELL\_UP  
GSE21360\_SECONDARY\_VS\_TERTIARY\_MEMORY\_CD8\_TCELL\_UP, GSE21360\_SECONDARY\_VS\_TERTIARY\_MEMORY\_CD8\_TCELL\_UP  
GSE22432\_MULTIPOTENT\_VS\_COMMON\_DC\_PROGENITOR\_UNTREATED\_DN, GSE22432\_MULTIPOTENT\_VS\_COMMON\_DC\_PROGENITOR\_UNTREATED\_DN  
GSE41867\_DAY8\_EFFECTOR\_VS\_DAY30\_MEMORY\_CD8\_TCELL\_LCMV\_ARMSTRONG\_UP, GSE41867\_DAY8\_EFFECTOR\_VS\_DAY30\_MEMORY\_CD8\_TCELL\_LCMV\_ARMSTRONG\_UP  
GSE6674\_ANTI\_IGM\_VS\_PL2\_3\_STIM\_BCELL\_DN, GSE6674\_ANTI\_IGM\_VS\_PL2\_3\_STIM\_BCELL\_DN  
GSE43863\_NAIVE\_VS\_MEMORY\_LY6C\_INT\_CXCR5POS\_CD4\_TCELL\_D150\_LCMV\_DN, GSE43863\_NAIVE\_VS\_MEMORY\_LY6C\_INT\_CXCR5POS\_CD4\_TCELL\_D150\_LCMV\_DN  
GO\_TRANSLATIONAL\_TERMINATION, GO\_TRANSLATIONAL\_TERMINATION  
GSE24671\_BAKIMULC\_VS\_SENDAI\_VIRUS\_INFECTED\_MOUSE\_SPLENOCYTES\_DN, GSE24671\_BAKIMULC\_VS\_SENDAI\_VIRUS\_INFECTED\_MOUSE\_SPLENOCYTES\_DN  
GO\_TRANSLATIONAL\_ELONGATION, GO\_TRANSLATIONAL\_ELONGATION  
GSE41867\_NAIVE\_VS\_DAY15\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_UP, GSE41867\_NAIVE\_VS\_DAY15\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_UP  
GSE17721\_CTRL\_VS\_POLYIC\_4H\_BMDC\_UP, GSE17721\_CTRL\_VS\_POLYIC\_4H\_BMDC\_UP  
GO\_CELLULAR\_PROTEIN\_COMPLEX\_DISASSEMBLY, GO\_CELLULAR\_PROTEIN\_COMPLEX\_DISASSEMBLY  
GSE41867\_DAY8\_EFFECTOR\_VS\_DAY30\_MEMORY\_CD8\_TCELL\_LCMV\_ARMSTRONG\_DN, GSE41867\_DAYS\_EFFECTOR\_VS\_DAY30\_MEMORY\_CD8\_TCELL\_LCMV\_ARMSTRONG\_DN  
GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_RAG2\_KO\_NK\_CELL\_UP, GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_RAG2\_KO\_NK\_CELL\_UP  
GO\_NUCLEOTIDE\_EXCISION\_REPAIR, GO\_NUCLEOTIDE\_EXCISION\_REPAIR  
GSE16385\_MONOCYTE\_VS\_12H\_IFNG\_TNF\_TREATED\_MACROPHAGE\_UP, GSE16385\_MONOCYTE\_VS\_12H\_IFNG\_TNF\_TREATED\_MACROPHAGE\_UP  
GSE15624\_CTRL\_VS\_6H\_HALOFUGINONE\_TREATED\_CD4\_TCELL\_DN, GSE15624\_CTRL\_VS\_6H\_HALOFUGINONE\_TREATED\_CD4\_TCELL\_DN  
GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_8H\_BMDC\_UP, GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_8H\_BMDC\_UP  
GSE17721\_LPS\_VS\_POLYIC\_24H\_BMDC\_UP, GSE17721\_LPS\_VS\_POLYIC\_24H\_BMDC\_UP  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_12H\_BMDC\_DN, GSE17721\_POLYIC\_VS\_PAM3CSK4\_12H\_BMDC\_DN  
GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_MACROPHAGE\_UP, GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_MACROPHAGE\_UP  
GSE3982\_MAC\_VS\_NEUTROPHIL\_UP, GSE3982\_MAC\_VS\_NEUTROPHIL\_UP  
GO\_TRANSCRIPTION\_COUPLED\_NUCLEOTIDE\_EXCISION\_REPAIR, GO\_TRANSCRIPTION\_COUPLED\_NUCLEOTIDE\_EXCISION\_REPAIR  
GSE22589\_HIV\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN, GSE22589\_HIV\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN  
GSE12001\_MIR223\_KO\_VS\_WT\_NEUTROPHIL\_UP, GSE12001\_MIR223\_KO\_VS\_WT\_NEUTROPHIL\_UP  
GSE6674\_ANTI\_IGM\_VS\_CPG\_STIM\_BCELL\_DN, GSE6674\_ANTI\_IGM\_VS\_CPG\_STIM\_BCELL\_DN  
GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_TREG\_UP, GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_TREG\_UP  
GSE19888\_NO\_PRETREAT\_VS\_ADENOSINE\_A3R\_INHIBITOR\_PRETREATED\_MAST\_CELL\_TCELL\_MEMBRANES\_ACT\_DN, GSE19888\_NO\_PRETREAT\_VS\_ADENOSINE\_A3R\_INHIBITOR\_PRETREATED\_MAST\_CELL\_TCELL\_MEMBRANES\_ACT\_DN  
GO\_RIBOSOMAL\_LARGE\_SUBUNIT\_BIOGENESIS, GO\_RIBOSOMAL\_LARGE\_SUBUNIT\_BIOGENESIS  
GSE26030\_TH1\_VS\_TH17\_DAYS\_POST\_POLARIZATION\_DN, GSE26030\_TH1\_VS\_TH17\_DAYS\_POST\_POLARIZATION\_DN  
GSE39820\_TGFBETA1\_IL6\_VS\_TGFBETA1\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_DN, GSE39820\_TGFBETA1\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_DN  
GO\_ORGANELLAR\_RIBOSOME, GO\_ORGANELLAR\_RIBOSOME  
GSE41867\_DAY6\_VS\_DAY8\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_UP, GSE41867\_DAY6\_VS\_DAY8\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_UP  
GSE27241\_WT\_CTRL\_VS\_DIGOXIN\_TREATED\_RORGT\_KO\_CD4\_TCELL\_IN\_TH17\_POLARIZING\_CONDITIONS\_DN, GSE27241\_WT\_CTRL\_VS\_DIGOXIN\_TREATED\_RORGT\_KO\_CD4\_TCELL\_IN\_TH17\_POLARIZING\_CONDITIONS\_DN  
GSE17721\_0.5H\_VS\_12H\_POLYIC\_BMDC\_UP, GSE17721\_0.5H\_VS\_12H\_POLYIC\_BMDC\_UP  
GO\_REGULATION\_OF\_CELLULAR\_RESPONSE\_TO\_HEAT, GO\_REGULATION\_OF\_CELLULAR\_RESPONSE\_TO\_HEAT  
GO\_NUCLEOLAR\_PART, GO\_NUCLEOLAR\_PART  
GSE3920\_IFNA\_VS\_IFNG\_TREATED\_FIBROBLAST\_DN, GSE3920\_IFNA\_VS\_IFNG\_TREATED\_FIBROBLAST\_DN  
GSE14415\_ACT\_VS\_CTRL\_NATURAL\_TREG\_DN, GSE14415\_ACT\_VS\_CTRL\_NATURAL\_TREG\_DN  
GSE14308\_TH2\_VS\_NATURAL\_TREG\_UP, GSE14308\_TH2\_VS\_NATURAL\_TREG\_UP  
GSE15767\_MED\_VS\_SCS\_MAC\_LN\_DN, GSE15767\_MED\_VS\_SCS\_MAC\_LN\_DN  
GSE30083\_SP1\_VS\_SP3\_THYMOCYTE\_UP, GSE30083\_SP1\_VS\_SP3\_THYMOCYTE\_UP  
GSE17721\_LPS\_VS\_CPG\_0.5H\_BMDC\_UP, GSE17721\_LPS\_VS\_CPG\_0.5H\_BMDC\_UP  
SHEPARD\_CRUSH\_AND\_BURN\_MUTANT\_UP, SHEPARD\_CRUSH\_AND\_BURN\_MUTANT\_UP  
GO\_COFACTOR\_BIOSYNTHETIC\_PROCESS, GO\_COFACTOR\_BIOSYNTHETIC\_PROCESS  
GSE40277\_EOS\_AND\_LEF1\_TRANSDUCED\_VS\_GATA1\_AND\_SATB1\_TRANSDUCED\_CD4\_TCELL\_DN, GSE40277\_EOS\_AND\_LEF1\_TRANSDUCED\_VS\_GATA1\_AND\_SATB1\_TRANSDUCED\_CD4\_TCELL\_DN  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_2H\_UP, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_2H\_UP  
GSE17721\_PAM3CSK4\_VS\_CPG\_8H\_BMDC\_UP, GSE17721\_PAM3CSK4\_VS\_CPG\_8H\_BMDC\_UP  
GSE11924\_TFH\_VS\_TH1\_CD4\_TCELL\_DN, GSE11924\_TFH\_VS\_TH1\_CD4\_TCELL\_DN  
GSE30971\_2H\_VS\_4H\_LPS\_STIM\_MACROPHAGE\_WBP7\_HET\_UP, GSE30971\_2H\_VS\_4H\_LPS\_STIM\_MACROPHAGE\_WBP7\_HET\_UP  
GSE40274\_CTRL\_VS\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_CTRL\_VS\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE21774\_CD56\_BRIGHT\_VS\_DIM\_CD62L\_POSITIVE\_NK\_CELL\_DN, GSE21774\_CD56\_BRIGHT\_VS\_DIM\_CD62L\_POSITIVE\_NK\_CELL\_DN  
GSE3982\_EOSINOPHIL\_VS\_EFF\_MEMORY\_CD4\_TCELL\_DN, GSE3982\_EOSINOPHIL\_VS\_EFF\_MEMORY\_CD4\_TCELL\_DN  
GO\_PROTEIN\_TRANSMEMBRANE\_TRANSPORT, GO\_PROTEIN\_TRANSMEMBRANE\_TRANSPORT  
GSE43863\_NAIVE\_VS\_TFH\_CD4\_EFF\_TCELL\_D6\_LCMV\_UP, GSE43863\_NAIVE\_VS\_TFH\_CD4\_EFF\_TCELL\_D6\_LCMV\_UP  
GSE13547\_WT\_VS\_ZFX\_KO\_BCELL\_ANTI\_IGM\_STIM\_2H\_DN, GSE13547\_WT\_VS\_ZFX\_KO\_BCELL\_ANTI\_IGM\_STIM\_2H\_DN  
GSE17721\_CTRL\_VS\_GARDIQUIMOD\_2H\_BMDC\_UP, GSE17721\_CTRL\_VS\_GARDIQUIMOD\_2H\_BMDC\_UP  
GSE5542\_UNTREATED\_VS\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP, GSE5542\_UNTREATED\_VS\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP  
GSE22611\_NOD2\_VS\_CTRL\_TRANSDUCED\_HEK293T\_CELL\_UP, GSE22611\_NOD2\_VS\_CTRL\_TRANSDUCED\_HEK293T\_CELL\_UP  
GO\_ORGANELLAR\_LARGE\_RIBOSOMAL\_SUBUNIT, GO\_ORGANELLAR\_LARGE\_RIBOSOMAL\_SUBUNIT  
GO\_SULFUR\_COMPOUND\_BIOSYNTHETIC\_PROCESS, GO\_SULFUR\_COMPOUND\_BIOSYNTHETIC\_PROCESS  
GSE23321\_CD8\_STEM\_CELL\_MEMORY\_VS\_EFFECTOR\_MEMORY\_CD8\_TCELL\_UP, GSE23321\_CD8\_STEM\_CELL\_MEMORY\_VS\_EFFECTOR\_MEMORY\_CD8\_TCELL\_UP  
GSE6674\_UNSTIM\_VS\_CPG\_STIM\_BCELL\_DN, GSE6674\_UNSTIM\_VS\_CPG\_STIM\_BCELL\_DN  
GO\_RNA\_CAPPING, GO\_RNA\_CAPPING  
GO\_PIGMENT\_BIOSYNTHETIC\_PROCESS, GO\_PIGMENT\_BIOSYNTHETIC\_PROCESS  
GSE17721\_CTRL\_VS\_CPG\_12H\_BMDC\_DN, GSE17721\_CTRL\_VS\_CPG\_12H\_BMDC\_DN  
GO\_PRERIBOSOME\_LARGE\_SUBUNIT\_PRECURSOR, GO\_PRERIBOSOME\_LARGE\_SUBUNIT\_PRECURSOR  
GSE17721\_0.5H\_VS\_4H\_POLYIC\_BMDC\_UP, GSE17721\_0.5H\_VS\_4H\_POLYIC\_BMDC\_UP  
GO\_PROTEIN\_MODIFICATION\_BY\_SMALL\_PROTEIN\_REMOVAL, GO\_PROTEIN\_MODIFICATION\_BY\_SMALL\_PROTEIN\_REMOVAL  
REACTOME\_ELONGATION\_ARREST\_AND\_RECOVERY, REACTOME\_ELONGATION\_ARREST\_AND\_RECOVERY  
GO\_NUCLEOTIDE\_EXCISION\_REPAIR\_DNA\_DAMAGE\_RECOGNITION, GO\_NUCLEOTIDE\_EXCISION\_REPAIR\_DNA\_DAMAGE\_RECOGNITION  
REACTOME\_NEP\_NS2\_INTERACTS\_WITH\_THE\_CELLULAR\_EXPORT\_MACHINERY, REACTOME\_NEP\_NS2\_INTERACTS\_WITH\_THE\_CELLULAR\_EXPORT\_MACHINERY  
KEGG\_PROTEIN\_EXPORT, KEGG\_PROTEIN\_EXPORT  
REACTOME\_INTERACTIONS\_OF\_VPR\_WITH\_HOST\_CELLULAR\_PROTEINS, REACTOME\_INTERACTIONS\_OF\_VPR\_WITH\_HOST\_CELLULAR\_PROTEINS  
GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_6H\_UP, GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_6H\_UP  
GO\_PORPHYRIN\_CONTAINING\_COMPOUND\_METABOLIC\_PROCESS, GO\_PORPHYRIN\_CONTAINING\_COMPOUND\_METABOLIC\_PROCESS  
GSE43863\_TFH\_VS\_LY6C\_INT\_CXCR5POS\_EFFECTOR\_CD4\_TCELL\_DN, GSE43863\_TFH\_VS\_LY6C\_INT\_CXCR5POS\_EFFECTOR\_CD4\_TCELL\_DN  
REACTOME\_TRANSPORT\_OF\_RIBONUCLEOPROTEINS\_INTO\_THE\_HOST\_NUCLEUS, REACTOME\_TRANSPORT\_OF\_RIBONUCLEOPROTEINS\_INTO\_THE\_HOST\_NUCLEUS  
GSE40274\_LEF1\_VS\_FOXP3\_AND\_LEF1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_LEF1\_VS\_FOXP3\_AND\_LEF1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GO\_TETRAPYRROLE\_BIOSYNTHETIC\_PROCESS, GO\_TETRAPYRROLE\_BIOSYNTHETIC\_PROCESS  
GO\_ALPHA\_AMINO\_ACID\_BIOSYNTHETIC\_PROCESS, GO\_ALPHA\_AMINO\_ACID\_BIOSYNTHETIC\_PROCESS  
GO\_NUCLEAR\_TRANSCRIBED\_MRNA\_CATABOLIC\_PROCESS\_EXONUCLEOLYTIC, GO\_NUCLEAR\_TRANSCRIBED\_MRNA\_CATABOLIC\_PROCESS\_EXONUCLEOLYTIC  
GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMCMONTH\_POST\_DX\_DN, GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMCMONTH\_POST\_DX\_DN  
GO\_HEME\_BIOSYNTHETIC\_PROCESS, GO\_HEME\_BIOSYNTHETIC\_PROCESS  
GSE34515\_CD16\_NEG\_VS\_POS\_MONOCYTE\_UP, GSE34515\_CD16\_NEG\_VS\_POS\_MONOCYTE\_UP  
GSE23114\_PERITONEAL\_CAVITY\_B1A\_BCELL\_VS\_SPLEEN\_BCELL\_IN\_SLE2C1\_MOUSE\_DN, GSE23114\_PERITONEAL\_CAVITY\_B1A\_BCELL\_VS\_SPLEEN\_BCELL\_IN\_SLE2C1\_MOUSE\_DN  
GSE25846\_IL10\_POS\_VS\_NEG\_CD8\_TCELL\_DAY7\_POST\_CORONAVIRUS\_BRAIN\_UP, GSE25846\_IL10\_POS\_VS\_NEG\_CD8\_TCELL\_DAY7\_POST\_CORONAVIRUS\_BRAIN\_UP  
PURBEY\_TARGETS\_OF\_CTBPI\_AND\_SATBI\_DN, PURBEY\_TARGETS\_OF\_CTBPI\_AND\_SATBI\_DN  
REACTOME\_REGULATION\_OF\_GLUCOKINASE\_BY\_GLUCOKINASE\_REGULATORY\_PROTEIN, REACTOME\_REGULATION\_OF\_GLUCOKINASE\_BY\_GLUCOKINASE\_REGULATORY\_PROTEIN  
GSE14308\_NAIVE\_CD4\_TCELL\_VS\_NATURAL\_TREG\_UP, GSE14308\_NAIVE\_CD4\_TCELL\_VS\_NATURAL\_TREG\_UP  
GO\_RNA\_POLYMERASE\_ACTIVITY, GO\_RNA\_POLYMERASE\_ACTIVITY  
GSE16385\_MONOCYTE\_VS\_12H\_ROSIGLITAZONE\_TREATED\_MACROPHAGE\_UP, GSE16385\_MONOCYTE\_VS\_12H\_ROSIGLITAZONE\_TREATED\_MACROPHAGE\_UP  
GSE22443\_NAIVE\_VS\_ACT\_AND\_IL12\_TREATED\_CD8\_TCELL\_DN, GSE22443\_NAIVE\_VS\_ACT\_AND\_IL12\_TREATED\_CD8\_TCELL\_DN  
GSE15324\_ELF4\_KO\_VS\_WT\_ACTIVATED\_CD8\_TCELL\_DN, GSE15324\_ELF4\_KO\_VS\_WT\_ACTIVATED\_CD8\_TCELL\_DN  
MODULE\_318, MODULE\_318  
GO\_HEME\_METABOLIC\_PROCESS, GO\_HEME\_METABOLIC\_PROCESS  
GO\_PIGMENT\_METABOLIC\_PROCESS, GO\_PIGMENT\_METABOLIC\_PROCESS  
GSE360\_T\_GONDIL\_VS\_M\_TUBERCULOSIS\_DC\_DN, GSE360\_T\_GONDIL\_VS\_M\_TUBERCULOSIS\_DC\_DN  
REACTOME\_VIRAL\_MESSENGER\_RNA\_SYNTHESIS, REACTOME\_VIRAL\_MESSENGER\_RNA\_SYNTHESIS  
GSE18893\_TCONV\_VS\_TREG\_2H\_TNF\_STIM\_UP, GSE18893\_TCONV\_VS\_TREG\_2H\_TNF\_STIM\_UP  
BIOCARTA\_CHREBP2\_PATHWAY, BIOCARTA\_CHREBP2\_PATHWAY  
GO\_COP9\_SIGNALOSOME, GO\_COP9\_SIGNALOSOME  
GO\_POSITIVE\_REGULATION\_OF\_DNA\_TEMPLATED\_TRANSCRIPTION\_ELONGATION, GO\_POSITIVE\_REGULATION\_OF\_DNA\_TEMPLATED\_TRANSCRIPTION\_ELONGATION  
GSE17721\_LPS\_VS\_POLYIC\_0.5H\_BMDC\_DN, GSE17721\_LPS\_VS\_POLYIC\_0.5H\_BMDC\_DN  
PID\_P38\_MK2\_PATHWAY, PID\_P38\_MK2\_PATHWAY  
GO\_NUCLEAR\_EXOSOME\_RNASE\_COMPLEX, GO\_NUCLEAR\_EXOSOME\_RNASE\_COMPLEX  
MODULE\_233, MODULE\_233  
GSE12707\_AT16L1\_HYPOMORPH\_VS\_WT\_THYMUS\_UP, GSE12707\_AT16L1\_HYPOMORPH\_VS\_WT\_THYMUS\_UP  
GSE22282\_HYPOXIA\_VS\_NORMOXIA\_MYELOID\_DC\_UP, GSE22282\_HYPOXIA\_VS\_NORMOXIA\_MYELOID\_DC\_UP  
GO\_TETRAPYRROLE\_METABOLIC\_PROCESS, GO\_TETRAPYRROLE\_METABOLIC\_PROCESS  
EIF4E\_UP, EIF4E\_UP  
TBK1.DN.48HRS\_UP, TBK1.DN.48HRS\_UP  
GO\_SULFUR\_AMINO\_ACID\_METABOLIC\_PROCESS, GO\_SULFUR\_AMINO\_ACID\_METABOLIC\_PROCESS  
GO\_SULFUR\_COMPOUND\_CATABOLIC\_PROCESS, GO\_SULFUR\_COMPOUND\_CATABOLIC\_PROCESS  
REACTOME\_GLUCOSE\_TRANSPORT, REACTOME\_GLUCOSE\_TRANSPORT  
GO\_REGULATION\_OF\_DNA\_TEMPLATED\_TRANSCRIPTION\_INITIATION, GO\_REGULATION\_OF\_DNA\_TEMPLATED\_TRANSCRIPTION\_INITIATION  
YAO\_TEMPORAL\_RESPONSE\_TO\_PROGESTERONE\_CLUSTER\_12, YAO\_TEMPORAL\_RESPONSE\_TO\_PROGESTERONE\_CLUSTER\_12  
GO\_NCRNA\_CATABOLIC\_PROCESS, GO\_NCRNA\_CATABOLIC\_PROCESS  
GO\_MYELOID\_DENDRITIC\_CELL\_DIFFERENTIATION, GO\_MYELOID\_DENDRITIC\_CELL\_DIFFERENTIATION  
GO\_REGULATION\_OF\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_ILPROMOTER, GO\_REGULATION\_OF\_TRANSCRIPTION\_INITIATION\_FROM\_RNA\_POLYMERASE\_ILPROMOTER  
GO\_CELLULAR\_MODIFIED\_AMINO\_ACID\_CATABOLIC\_PROCESS, GO\_CELLULAR\_MODIFIED\_AMINO\_ACID\_CATABOLIC\_PROCESS  
GSE26488\_WT\_VS\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCYTE\_DN, GSE26488\_WT\_VS\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCYTE\_DN  
GSE42021\_TCONV\_PLN\_VS\_CD24LO\_TCONV\_THYMUS\_UP, GSE42021\_TCONV\_PLN\_VS\_CD24LO\_TCONV\_THYMUS\_UP  
REACTOME\_DESTABILIZATION\_OF\_MRNA\_BY\_TRISTETRAPROLIN\_TTP, REACTOME\_DESTABILIZATION\_OF\_MRNA\_BY\_TRISTETRAPROLIN\_TTP  
GO\_SERINE\_FAMILY\_AMINO\_ACID\_METABOLIC\_PROCESS, GO\_SERINE\_FAMILY\_AMINO\_ACID\_METABOLIC\_PROCESS  
GO\_ATTACHMENT\_OF\_SPINDLE\_MICROTUBULES\_TO\_KINETOCHORE, GO\_ATTACHMENT\_OF\_SPINDLE\_MICROTUBULES\_TO\_KINETOCHORE  
GO\_ENDORIBONUCLEASE\_ACTIVITY, GO\_ENDORIBONUCLEASE\_ACTIVITY  
GAJATE\_RESPONSE\_TO TRABECTEDIN\_DN, GAJATE\_RESPONSE\_TO TRABECTEDIN\_DN  
GO\_ENDORIBONUCLEASE\_COMPLEX, GO\_ENDORIBONUCLEASE\_COMPLEX  
GO\_ANTEROGRADE\_AXONAL\_TRANSPORT, GO\_ANTEROGRADE\_AXONAL\_TRANSPORT  
JAZAG\_TGFB1\_SIGNALING\_UP, JAZAG\_TGFB1\_SIGNALING\_UP  
GO\_REGULATION\_OF\_TRANSCRIPTION\_ELONGATION\_FROM\_RNA\_POLYMERASE\_ILPROMOTER, GO\_REGULATION\_OF\_TRANSCRIPTION\_ELONGATION\_FROM\_RNA\_POLYMERASE\_ILPROMOTER  
GO\_POSITIVE\_REGULATION\_OF\_RNA\_SPLICING, GO\_POSITIVE\_REGULATION\_OF\_RNA\_SPLICING  
GO\_TUMOR\_NECROSIS\_FACTOR\_RECEPTOR\_SUPERFAMILY\_BINDING, GO\_TUMOR\_NECROSIS\_FACTOR\_RECEPTOR\_SUPERFAMILY\_BINDING  
GO\_FANCONL\_ANAEMIA\_NUCLEAR\_COMPLEX, GO\_FANCONL\_ANAEMIA\_NUCLEAR\_COMPLEX  
GO\_METHIONINE\_METABOLIC\_PROCESS, GO\_METHIONINE\_METABOLIC\_PROCESS  
GSE11884\_WT\_VS\_FURIN\_KO\_NAIVE\_CD4\_TCELL\_DN, GSE11884\_WT\_VS\_FURIN\_KO\_NAIVE\_CD4\_TCELL\_DN  
RIZK1\_TUMOR\_INVASIVENESS\_2D\_UP, RIZK1\_TUMOR\_INVASIVENESS\_2D\_UP  
GO\_FATTY\_ACID\_BIOSYNTHETIC\_PROCESS, GO\_FATTY\_ACID\_BIOSYNTHETIC\_PROCESS  
REACTOME\_DESTABILIZATION\_OF\_MRNA\_BY\_BRF1, REACTOME\_DESTABILIZATION\_OF\_MRNA\_BY\_BRF1  
GO\_GLUTATHIONE\_TRANSFERASE\_ACTIVITY, GO\_GLUTATHIONE\_TRANSFERASE\_ACTIVITY  
GO\_S\_ADENOSYLMETHIONINE\_METABOLIC\_PROCESS, GO\_S\_ADENOSYLMETHIONINE\_METABOLIC\_PROCESS  
GO\_SYNAPTONEMAL\_COMPLEX, GO\_SYNAPTONEMAL\_COMPLEX  
GO\_FATTY\_ACYL\_COA\_METABOLIC\_PROCESS, GO\_FATTY\_ACYL\_COA\_METABOLIC\_PROCESS  
REACTOME\_TRANSCRIPTIONAL\_REGULATION\_OF\_WHITE\_ADIPOCYTE\_DIFFERENTIATION, REACTOME\_TRANSCRIPTIONAL\_REGULATION\_OF\_WHITE\_ADIPOCYTE\_DIFFERENTIATION  
GO\_TUMOR\_NECROSIS\_FACTOR\_RECEPTOR\_BINDING, GO\_TUMOR\_NECROSIS\_FACTOR\_RECEPTOR\_BINDING  
GO\_MYELOID\_DENDRITIC\_CELL\_ACTIVATION, GO\_MYELOID\_DENDRITIC\_CELL\_ACTIVATION  
GO\_POSITIVE\_REGULATION\_OF\_OSTEOCLAST\_DIFFERENTIATION, GO\_POSITIVE\_REGULATION\_OF\_OSTEOCLAST\_DIFFERENTIATION  
PAL\_PMT5\_TARGETS\_DN, PAL\_PMT5\_TARGETS\_DN  
GSE15930\_STIM\_VS\_STIM\_AND\_TRICHOSTATINA\_72H\_CD8\_T\_CELL\_DN, GSE15930\_STIM\_VS\_STIM\_AND\_TRICHOSTATINA\_72H\_CD8\_T\_CELL\_DN  
GO\_GTPASE\_INHIBITOR\_ACTIVITY, GO\_GTPASE\_INHIBITOR\_ACTIVITY  
MODULE\_132, MODULE\_132  
GO\_BLASTOCYST\_DEVELOPMENT, GO\_BLASTOCYST\_DEVELOPMENT  
GO\_POSITIVE\_REGULATION\_OF\_PROTEIN\_IMPORT, GO\_POSITIVE\_REGULATION\_OF\_PROTEIN\_IMPORT  
GO\_TRANSLATION\_ELONGATION\_FACTOR\_ACTIVITY, GO\_TRANSLATION\_ELONGATION\_FACTOR\_ACTIVITY  
GO\_CELLULAR\_ALDEHYDE\_METABOLIC\_PROCESS, GO\_CELLULAR\_ALDEHYDE\_METABOLIC\_PROCESS  
GO\_MEIOSIS\_J, GO\_MEIOSIS\_J  
GO\_PTERIDINE\_CONTAINING\_COMPOUND\_METABOLIC\_PROCESS, GO\_PTERIDINE\_CONTAINING\_COMPOUND\_METABOLIC\_PROCESS  
GSE43863\_NAIVE\_VS\_LY6C\_INT\_CXCR5POS\_CD4\_EFF\_TCELL\_D6\_LCMV\_DN, GSE43863\_NAIVE\_VS\_LY6C\_INT\_CXCR5POS\_CD4\_EFF\_TCELL\_D6\_LCMV\_DN  
GO\_POSITIVE\_REGULATION\_OF\_DNA\_TEMPLATED\_TRANSCRIPTION\_INITIATION, GO\_POSITIVE\_REGULATION\_OF\_DNA\_TEMPLATED\_TRANSCRIPTION\_INITIATION  
GO\_CELLULAR\_MODIFIED\_AMINO\_ACID\_BIOSYNTHETIC\_PROCESS, GO\_CELLULAR\_MODIFIED\_AMINO\_ACID\_BIOSYNTHETIC\_PROCESS  
GO\_MONOCARBOXYLIC\_ACID\_BIOSYNTHETIC\_PROCESS, GO\_MONOCARBOXYLIC\_ACID\_BIOSYNTHETIC\_PROCESS  
GO\_POSITIVE\_REGULATION\_OF\_TRANSCRIPTION\_ELONGATION\_FROM\_RNA\_POLYMERASE\_ILPROMOTER, GO\_POSITIVE\_REGULATION\_OF\_TRANSCRIPTION\_ELONGATION\_FROM\_RNA\_POLYMERASE\_ILPROMOTER  
chr12q12, chr12q12  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_6H\_DN, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_6H\_DN