

\_NEWCASTLE\_VIRUS\_DC\_10H\_UP, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_10H\_UP

GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_16H\_UP, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_16H\_UP  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_18H\_UP, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_18H\_UP  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_14H\_UP, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_14H\_UP  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_8H\_UP, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_8H\_UP  
GSE14000\_UNSTIM\_VS\_4H\_LPS\_DC\_UP, GSE14000\_UNSTIM\_VS\_4H\_LPS\_DC\_UP  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_12H\_UP, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_12H\_UP  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_6H\_UP, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_6H\_UP  
GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_10H\_UP, GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_10H\_UP  
GSE40666\_UNTREATED\_VS\_IFNA\_STIM\_CD8\_TCELL\_90MIN\_DN, GSE40666\_UNTREATED\_VS\_IFNA\_STIM\_CD8\_TCELL\_90MIN\_DN  
GSE22935\_24H\_VS\_48H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_DN, GSE22935\_24H\_VS\_48H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_DN  
GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_6H\_UP, GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_6H\_UP  
GSE36888\_UNTREATED\_VS\_IL2\_TREATED\_TCELL\_6H\_DN, GSE36888\_UNTREATED\_VS\_IL2\_TREATED\_TCELL\_6H\_DN  
GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_18H\_UP, GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_18H\_UP  
GSE1112\_OT1\_VS\_HY\_CD8AB\_THYMOCYTE\_RTOC\_CULTURE\_DN, GSE1112\_OT1\_VS\_HY\_CD8AB\_THYMOCYTE\_RTOC\_CULTURE\_DN  
GSE2706\_UNSTIM\_VS\_2H\_R848\_DC\_UP, GSE2706\_UNSTIM\_VS\_2H\_R848\_DC\_UP  
GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_BCELL\_DN, GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_BCELL\_DN  
GSE46606\_IRF4MID\_VS\_WT\_CD40L\_IL2\_IL5\_DAY1\_STIMULATED\_BCELL\_UP, GSE46606\_IRF4MID\_VS\_WT\_CD40L\_IL2\_IL5\_DAY1\_STIMULATED\_BCELL\_UP  
GSE7348\_UNSTIM\_VS\_LPS\_STIM\_MACROPHAGE\_UP, GSE7348\_UNSTIM\_VS\_LPS\_STIM\_MACROPHAGE\_UP  
GSE2706\_UNSTIM\_VS\_2H\_LPS\_AND\_R848\_DC\_UP, GSE2706\_UNSTIM\_VS\_2H\_LPS\_AND\_R848\_DC\_UP  
GSE2706\_UNSTIM\_VS\_2H\_LPS\_DC\_UP, GSE2706\_UNSTIM\_VS\_2H\_LPS\_DC\_UP  
GO\_RNA\_METHYLATION, GO\_RNA\_METHYLATION  
BROWNE\_HCMV\_INFECTION\_6HR\_DN, BROWNE\_HCMV\_INFECTION\_6HR\_DN  
GSE40685\_NAIVE\_CD4\_TCELL\_VS\_TREG\_UP, GSE40685\_NAIVE\_CD4\_TCELL\_VS\_TREG\_UP  
GO\_RNA\_PHOSPHODIESTER\_BOND\_HYDROLYSIS, GO\_RNA\_PHOSPHODIESTER\_BOND\_HYDROLYSIS  
GO\_RNA\_METHYLTRANSFERASE\_ACTIVITY, GO\_RNA\_METHYLTRANSFERASE\_ACTIVITY  
GSE360\_L\_MAJOR\_VS\_B\_MALAYI\_LOW\_DOSE\_DC\_DN, GSE360\_L\_MAJOR\_VS\_B\_MALAYI\_LOW\_DOSE\_DC\_DN  
GO\_CULLIN\_RING\_UBIQUITIN\_LIGASE\_COMPLEX, GO\_CULLIN\_RING\_UBIQUITIN\_LIGASE\_COMPLEX  
GSE26928\_NAIVE\_VS\_CXCR5\_POS\_CD4\_TCELL\_UP, GSE26928\_NAIVE\_VS\_CXCR5\_POS\_CD4\_TCELL\_UP  
GO\_TRANSCRIPTION\_FROM\_RNA\_POLYMERASE\_III\_PROMOTER, GO\_TRANSCRIPTION\_FROM\_RNA\_POLYMERASE\_III\_PROMOTER  
GO\_RIBONUCLEASE\_ACTIVITY, GO\_RIBONUCLEASE\_ACTIVITY  
GO\_EXONUCLEASE\_ACTIVITY\_ACTIVE\_WITH\_EITHER\_RIBO\_OR\_DEOXYRIBONUCLEIC\_ACIDS\_AND\_PRODUCING\_5\_PHOSPHOMONOESTERS, GO\_EXONUCLEASE\_ACTIVITY\_ACTIVE\_WITH\_EITHER\_RIBO\_OR\_DEOXYRIBONUCLEIC\_ACIDS\_AND\_PRODUCING\_5\_PHOSPHOMONOESTERS  
GOTTWEIN\_TARGETS\_OF\_KSHV\_MIR\_K12\_11, GOTTWEIN\_TARGETS\_OF\_KSHV\_MIR\_K12\_11  
GSE4748\_CYANOBACTERIUM\_LPSLIKE\_VS\_LPS\_AND\_CYANOBACTERIUM\_LPSLIKE\_STIM\_DC\_3H\_UP, GSE4748\_CYANOBACTERIUM\_LPSLIKE\_VS\_LPS\_AND\_CYANOBACTERIUM\_LPSLIKE\_STIM\_DC\_3H\_UP  
ESC\_J1\_UP\_LATE.V1\_DN, ESC\_J1\_UP\_LATE.V1\_DN  
GSE3691\_IFN\_PRODUCING\_KILLER\_DC\_VS\_CONVENTIONAL\_DC\_SPLEEN\_DN, GSE3691\_IFN\_PRODUCING\_KILLER\_DC\_VS\_CONVENTIONAL\_DC\_SPLEEN\_DN  
REACTOME\_PI\_METABOLISM, REACTOME\_PI\_METABOLISM  
GSE2585\_THYMIC\_DC\_VS\_MTEC\_DN, GSE2585\_THYMIC\_DC\_VS\_MTEC\_DN  
GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_1H\_DN, GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_1H\_DN  
GAL\_LEUKEMIC\_STEM\_CELL\_UP, GAL\_LEUKEMIC\_STEM\_CELL\_UP  
REACTOME\_RNA\_POL\_III\_TRANSCRIPTION, REACTOME\_RNA\_POL\_III\_TRANSCRIPTION  
GO\_NCRNA\_CATABOLIC\_PROCESS, GO\_NCRNA\_CATABOLIC\_PROCESS  
BIOCARTA\_BCELLSURVIVAL\_PATHWAY, BIOCARTA\_BCELLSURVIVAL\_PATHWAY  
GO\_MEDIATOR\_COMPLEX, GO\_MEDIATOR\_COMPLEX  
GO\_CUL4\_RING\_E3\_UBIQUITIN\_LIGASE\_COMPLEX, GO\_CUL4\_RING\_E3\_UBIQUITIN\_LIGASE\_COMPLEX  
STAT5A\_02, STAT5A\_02  
REACTOME\_INTERFERON\_GAMMA\_SIGNALING, REACTOME\_INTERFERON\_GAMMA\_SIGNALING  
GO\_DNA\_MODIFICATION, GO\_DNA\_MODIFICATION  
GSE45365\_NK\_CELL\_VS\_BCELL\_DN, GSE45365\_NK\_CELL\_VS\_BCELL\_DN  
REACTOME\_DESTABILIZATION\_OF\_MRNA\_BY\_KSRP, REACTOME\_DESTABILIZATION\_OF\_MRNA\_BY\_KSRP  
GO\_RRNA\_CATABOLIC\_PROCESS, GO\_RRNA\_CATABOLIC\_PROCESS  
REACTOME\_DESTABILIZATION\_OF\_MRNA\_BY\_BRF1, REACTOME\_DESTABILIZATION\_OF\_MRNA\_BY\_BRF1  
REACTOME\_DESTABILIZATION\_OF\_MRNA\_BY\_TRISTETRAPROLIN\_TTP, REACTOME\_DESTABILIZATION\_OF\_MRNA\_BY\_TRISTETRAPROLIN\_TTP  
GSE20366\_EX\_VIVO\_VS\_DEC205\_CONVERSION\_NAIVE\_CD4\_TCELL\_DN, GSE20366\_EX\_VIVO\_VS\_DEC205\_CONVERSION\_NAIVE\_CD4\_TCELL\_DN  
LIU\_IL13\_PRIMING\_MODEL, LIU\_IL13\_PRIMING\_MODEL  
REACTOME\_RNA\_POL\_III\_TRANSCRIPTION\_INITIATION\_FROM\_TYPE\_2\_PROMOTER, REACTOME\_RNA\_POL\_III\_TRANSCRIPTION\_INITIATION\_FROM\_TYPE\_2\_PROMOTER  
GO\_TRANSFERASE\_ACTIVITY\_TRANSFERRING\_PENTOSYL\_GROUPS, GO\_TRANSFERASE\_ACTIVITY\_TRANSFERRING\_PENTOSYL\_GROUPS  
REACTOME\_MRNA\_DECAY\_BY\_3\_TO\_5\_EXORIBONUCLEASE, REACTOME\_MRNA\_DECAY\_BY\_3\_TO\_5\_EXORIBONUCLEASE  
GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_IFNG\_WT\_LIVER\_UP, GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_IFNG\_WT\_LIVER\_UP  
GO\_RNA\_SPLICING\_VIA\_ENDONUCLEOLYTIC\_CLEAVAGE\_AND\_LIGATION, GO\_RNA\_SPLICING\_VIA\_ENDONUCLEOLYTIC\_CLEAVAGE\_AND\_LIGATION  
GO\_RIBOSOMAL\_LARGE\_SUBUNIT\_ASSEMBLY, GO\_RIBOSOMAL\_LARGE\_SUBUNIT\_ASSEMBLY  
GO\_REGULATION\_OF\_INTERFERON\_BETA\_PRODUCTION, GO\_REGULATION\_OF\_INTERFERON\_BETA\_PRODUCTION  
PID\_PDGFR\_PATHWAY, PID\_PDGFR\_PATHWAY  
REACTOME\_RNA\_POL\_III\_CHAIN\_ELONGATION, REACTOME\_RNA\_POL\_III\_CHAIN\_ELONGATION  
GO\_DNA\_DIRECTED\_RNA\_POLYMERASE\_III\_COMPLEX, GO\_DNA\_DIRECTED\_RNA\_POLYMERASE\_III\_COMPLEX  
REACTOME\_RNA\_POL\_III\_TRANSCRIPTION\_TERMINATION, REACTOME\_RNA\_POL\_III\_TRANSCRIPTION\_TERMINATION  
GO\_RRNA\_TRANSCRIPTION, GO\_RRNA\_TRANSCRIPTION  
CYCLIN\_D1\_UP.V1\_DN, CYCLIN\_D1\_UP.V1\_DN  
GO\_PROTEIN\_SERINE\_THREONINE\_TYROSINE\_KINASE\_ACTIVITY, GO\_PROTEIN\_SERINE\_THREONINE\_TYROSINE\_KINASE\_ACTIVITY  
GO\_PHOSPHOLIPID\_CATABOLIC\_PROCESS, GO\_PHOSPHOLIPID\_CATABOLIC\_PROCESS  
chr6q23, chr6q23  
GO\_O\_METHYLTRANSFERASE\_ACTIVITY, GO\_O\_METHYLTRANSFERASE\_ACTIVITY  
KEGG\_CYTOSOLIC\_DNA\_SENSING\_PATHWAY, KEGG\_CYTOSOLIC\_DNA\_SENSING\_PATHWAY  
BIOCARTA\_NGF\_PATHWAY, BIOCARTA\_NGF\_PATHWAY  
GSE17721\_CTRL\_VS\_CPG\_24H\_BMDC\_UP, GSE17721\_CTRL\_VS\_CPG\_24H\_BMDC\_UP  
WORSCHER\_TUMOR\_EVASION\_AND\_TOLEROGENICITY\_DN, WORSCHER\_TUMOR\_EVASION\_AND\_TOLEROGENICITY\_DN  
GO\_SOMATIC\_DIVERSIFICATION\_OF\_IMMUNE\_RECEPTORS\_VIA\_SOMATIC\_MUTATION, GO\_SOMATIC\_DIVERSIFICATION\_OF\_IMMUNE\_RECEPTORS\_VIA\_SOMATIC\_MUTATION  
GO\_HETEROCHROMATIN\_ORGANIZATION, GO\_HETEROCHROMATIN\_ORGANIZATION