

WT\_CD40L\_IL2\_IL5\_DAY1\_STIMULATED\_BCELL\_UP, GSE46606\_IRF4HIGH\_VS\_WT\_CD40L\_IL2\_IL5\_DAY1\_STIMULATED\_BCELL\_UP

- GSE24726\_WT\_VS\_E2-2\_KO\_PDC\_DAY6\_POST\_DELETION\_UP, GSE24726\_WT\_VS\_E2-2\_KO\_PDC\_DAY6\_POST\_DELETION\_UP
- GSE21670\_STAT3\_KO\_VS\_WT\_CD4\_TCELL\_TGFB\_TREATED\_UP, GSE21670\_STAT3\_KO\_VS\_WT\_CD4\_TCELL\_TGFB\_TREATED\_UP
- GSE42021\_CD24INT\_TREG\_VS\_CD24INT\_TCONV\_THYMUS\_UP, GSE42021\_CD24INT\_TREG\_VS\_CD24INT\_TCONV\_THYMUS\_UP
- GSE23308\_WT\_VS\_MINERALCORTICOID\_REC\_KO\_MACROPHAGE\_UP, GSE23308\_WT\_VS\_MINERALCORTICOID\_REC\_KO\_MACROPHAGE\_UP
- GSE11864\_CSF1\_VS\_CSF1\_IFNG\_PAM3CYS\_IN\_MAC\_UP, GSE11864\_CSF1\_VS\_CSF1\_IFNG\_PAM3CYS\_IN\_MAC\_UP
- GSE42724\_MEMORY\_BCELL\_VS\_PLASMABLAST\_DN, GSE42724\_MEMORY\_BCELL\_VS\_PLASMABLAST\_DN
- GSE6259\_FLT3L\_INDUCED\_33D1\_POS\_DC\_VS\_BCELL\_DN, GSE6259\_FLT3L\_INDUCED\_33D1\_POS\_DC\_VS\_BCELL\_DN
- GSE6092\_IFNG\_VS\_IFNG\_AND\_B\_BURGDORFERI\_INF\_ENDOTHELIAL\_CELL\_UP, GSE6092\_IFNG\_VS\_IFNG\_AND\_B\_BURGDORFERI\_INF\_ENDOTHELIAL\_CELL\_UP
- GSE22919\_RESTING\_VS\_IL2\_IL12\_IL15\_STIM\_NK\_CELL\_DN, GSE22919\_RESTING\_VS\_IL2\_IL12\_IL15\_STIM\_NK\_CELL\_DN
- GSE18804\_SPLEEN\_MACROPHAGE\_VS\_BRAIN\_TUMORAL\_MACROPHAGE\_DN, GSE18804\_SPLEEN\_MACROPHAGE\_VS\_BRAIN\_TUMORAL\_MACROPHAGE\_DN
- GSE10240\_IL17\_VS\_IL17\_AND\_IL22\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_UP, GSE10240\_IL17\_VS\_IL17\_AND\_IL22\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_UP
- GSE8835\_CD4\_VS\_CD8\_TCELL\_UP, GSE8835\_CD4\_VS\_CD8\_TCELL\_UP
- GSE4590\_PRE\_BCELL\_VS\_LARGE\_PRE\_BCELL\_DN, GSE4590\_PRE\_BCELL\_VS\_LARGE\_PRE\_BCELL\_DN
- GSE27786\_BCELL\_VS\_NKTCELL\_UP, GSE27786\_BCELL\_VS\_NKTCELL\_UP
- GSE9037\_CTRL\_VS\_LPS\_4H\_STIM\_IRAK4\_KO\_BMDM\_UP, GSE9037\_CTRL\_VS\_LPS\_4H\_STIM\_IRAK4\_KO\_BMDM\_UP
- GSE24972\_WT\_VS\_IRF8\_KO\_SPLEEN\_FOLLICULAR\_BCELL\_DN, GSE24972\_WT\_VS\_IRF8\_KO\_SPLEEN\_FOLLICULAR\_BCELL\_DN
- GSE17721\_LPS\_VS\_CPG\_6H\_BMDC\_DN, GSE17721\_LPS\_VS\_CPG\_6H\_BMDC\_DN
- GSE32164\_RESTING\_DIFFERENTIATED\_VS\_CMYC\_INHIBITED\_MACROPHAGE\_UP, GSE32164\_RESTING\_DIFFERENTIATED\_VS\_CMYC\_INHIBITED\_MACROPHAGE\_UP
- GSE28737\_WT\_VS\_BCL6\_HET\_MARGINAL\_ZONE\_BCELL\_UP, GSE28737\_WT\_VS\_BCL6\_HET\_MARGINAL\_ZONE\_BCELL\_UP
- GSE30083\_SP1\_VS\_SP3\_THYMOCYTE\_DN, GSE30083\_SP1\_VS\_SP3\_THYMOCYTE\_DN
- GSE7852\_TREG\_VS\_TCONV\_LN\_DN, GSE7852\_TREG\_VS\_TCONV\_LN\_DN
- VANHARANTA\_UTERINE\_FIBROID\_WITH\_7Q\_DELETION\_DN, VANHARANTA\_UTERINE\_FIBROID\_WITH\_7Q\_DELETION\_DN
- GO\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_BINDING, GO\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_BINDING
- GSE25123\_WT\_VS\_PPARG\_KO\_MACROPHAGE\_IL4\_STIM\_UP, GSE25123\_WT\_VS\_PPARG\_KO\_MACROPHAGE\_IL4\_STIM\_UP
- GSE14415\_INDUCED\_TREG\_VS\_FOXP3\_KO\_INDUCED\_TREG\_IL2\_CULTURE\_DN, GSE14415\_INDUCED\_TREG\_VS\_FOXP3\_KO\_INDUCED\_TREG\_IL2\_CULTURE\_DN
- CHIANG\_LIVER\_CANCER\_SUBCLASS\_CTNNB1\_UP, CHIANG\_LIVER\_CANCER\_SUBCLASS\_CTNNB1\_UP
- REACTOME\_CHONDROITIN\_SULFATE\_DERMATAN\_SULFATE\_METABOLISM, REACTOME\_CHONDROITIN\_SULFATE\_DERMATAN\_SULFATE\_METABOLISM
- HFH3\_01, HFH3\_01
- GO\_CHONDROITIN\_SULFATE\_PROTEOGLYCAN\_METABOLIC\_PROCESS, GO\_CHONDROITIN\_SULFATE\_PROTEOGLYCAN\_METABOLIC\_PROCESS
- MODULE\_480, MODULE\_480
- GO\_REGULATION\_OF\_NUCLEAR\_CELL\_CYCLE\_DNA\_REPLICATION, GO\_REGULATION\_OF\_NUCLEAR\_CELL\_CYCLE\_DNA\_REPLICATION
- GO\_CELLULAR\_LIPID\_CATABOLIC\_PROCESS, GO\_CELLULAR\_LIPID\_CATABOLIC\_PROCESS
- DR3\_Q4, DR3\_Q4
- GO\_TRANSFERASE\_ACTIVITY\_TRANSFERRING\_HEXOSYL\_GROUPS, GO\_TRANSFERASE\_ACTIVITY\_TRANSFERRING\_HEXOSYL\_GROUPS
- GO\_POSITIVE\_REGULATION\_OF\_MICROTUBULE\_POLYMERIZATION, GO\_POSITIVE\_REGULATION\_OF\_MICROTUBULE\_POLYMERIZATION
- COMP1\_01, COMP1\_01
- GO\_DERMATAN\_SULFATE\_PROTEOGLYCAN\_METABOLIC\_PROCESS, GO\_DERMATAN\_SULFATE\_PROTEOGLYCAN\_METABOLIC\_PROCESS
- GO\_MICROTUBULE\_POLYMERIZATION\_OR\_DEPOLYMERIZATION, GO\_MICROTUBULE\_POLYMERIZATION\_OR\_DEPOLYMERIZATION
- GO\_PROTEIN\_LOCALIZATION\_TO\_CHROMOSOME\_TELOMERIC\_REGION, GO\_PROTEIN\_LOCALIZATION\_TO\_CHROMOSOME\_TELOMERIC\_REGION
- ENGELMANN\_CANCER\_PROGENITORS\_DN, ENGELMANN\_CANCER\_PROGENITORS\_DN
- GCAAGAC\_MIR431, GCAAGAC\_MIR431
- ATGTCAC\_MIR489, ATGTCAC\_MIR489
- GO\_TELOMERE\_CAPPING, GO\_TELOMERE\_CAPPING
- GO\_CELLULAR\_RESPONSE\_TO\_ETHANOL, GO\_CELLULAR\_RESPONSE\_TO\_ETHANOL
- GSE29618\_PRE\_VS\_DAY7\_FLU\_VACCINE\_PDC\_UP, GSE29618\_PRE\_VS\_DAY7\_FLU\_VACCINE\_PDC\_UP
- GSE22443\_IL2\_VS\_IL12\_TREATED\_ACT\_CD8\_TCELL\_UP, GSE22443\_IL2\_VS\_IL12\_TREATED\_ACT\_CD8\_TCELL\_UP
- GTTRYCATRR\_UNKNOWN, GTTRYCATRR\_UNKNOWN
- REACTOME\_PLATELET\_CALCIUM\_HOMEOSTASIS, REACTOME\_PLATELET\_CALCIUM\_HOMEOSTASIS
- KEGG\_GLYCOSAMINOGLYCAN\_BIOSYNTHESIS\_CHONDROITIN\_SULFATE, KEGG\_GLYCOSAMINOGLYCAN\_BIOSYNTHESIS\_CHONDROITIN\_SULFATE