GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_NFKBP50\_KO\_MACROPHAGE\_UP, GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_NFKBP50\_KO\_MACROPHAGE\_UP GSE12392\_WT\_VS\_IFNB\_KO\_CD8A\_POS\_SPLEEN\_DC\_UP, GSE12392\_WT\_VS\_IFNB\_KO\_CD8A\_POS\_SPLEEN\_DC\_UP GSE3039\_ALPHABETA\_CD8\_TCELL\_VS\_B1\_BCELL\_UP, GSE3039\_ALPHABETA\_CD8\_TCELL\_VS\_B1\_BCELL\_UP GSE14350\_TREG\_VS\_TEFF\_IN\_IL2RB\_KO\_UP, GSE14350\_TREG\_VS\_TEFF\_IN\_IL2RB\_KO\_UP GSE6674\_CPG\_VS\_CPG\_AND\_ANTI\_IGM\_STIM\_BCELL\_UP, GSE6674\_CPG\_VS\_CPG\_AND\_ANTI\_IGM\_STIM\_BCELL\_UP GSE39820 CTRL VS\_TGFBETA1\_IL6\_CD4\_TCELL\_UP, GSE39820\_CTRL\_VS\_TGFBETA1\_IL6\_CD4\_TCELL\_UP GSE23502\_BM\_VS\_COLON\_TUMOR\_MYELOID\_DERIVED\_SUPPRESSOR\_CELL\_DN, GSE23502\_BM\_VS\_COLON\_TUMOR\_MYELOID\_DERIVED\_SUPPRESSOR\_CELL\_DN GSE17301 CTRL VS 48H ACD3 ACD28 IFNA5 STIM CD8 TCELL UP, GSE17301 CTRL VS 48H ACD3 ACD28 IFNA5 STIM CD8 TCELL UP GSE17721\_0.5H\_VS\_12H\_CPG\_BMDC\_DN, GSE17721\_0.5H\_VS\_12H\_CPG\_BMDC\_DN GSE40277\_GATA1\_AND\_SATB1\_TRANSDUCED\_VS\_CTRL\_CD4\_TCELL\_DN, GSE40277\_GATA1\_AND\_SATB1\_TRANSDUCED\_VS\_CTRL\_CD4\_TCELL\_DN GSE557\_WT\_VS\_I\_AB\_KO\_DC\_DN, GSE557\_WT\_VS\_I\_AB\_KO\_DC\_DN GSE31082\_CD4\_VS\_CD8\_SP\_THYMOCYTE\_UP, GSE31082\_CD4\_VS\_CD8\_SP\_THYMOCYTE\_UP GSE4535\_BM\_DERIVED\_DC\_VS\_FOLLICULAR\_DC\_UP, GSE4535\_BM\_DERIVED\_DC\_VS\_FOLLICULAR\_DC\_UP GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_DN, GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_DN GSE6259\_BCELL\_VS\_CD8\_TCELL\_DN, GSE6259\_BCELL\_VS\_CD8\_TCELL\_DN GSE37532\_TREG\_VS\_TCONV\_PPARG\_KO\_CD4\_TCELL\_FROM\_VISCERAL\_ADIPOSE\_TISSUE\_DN, GSE37532\_TREG\_VS\_TCONV\_PPARG\_FROM\_VISCERAL\_ADIPOSE\_TISSUE\_DN, GSE37532\_TREG\_VS\_TCONV\_PPARG\_FROM\_VISCERAL\_ADIPOSE\_TISSUE\_DN, GSE37532\_TREG\_VS\_TCONV\_PPARG\_FROM\_VISCERAL\_ADIPOSE\_TISSUE\_DN, GSE37532\_TCONV\_PPARG\_FROM\_VISCERAL\_ADIPOSE\_TISSUE\_DN, GSE37532\_TCONV\_PPARG\_FROM\_VISCERAL\_ADIPOSE\_TISSUE\_DN, GSE37532\_TCONV\_PPARG\_FROM\_VISCERAL\_ADIPOSE\_TISSUE\_DN, GSE37532\_TCONV\_PPARG\_FROM\_VISCERAL\_ADIPOSE\_TISSUE\_TISSUE\_TCONV\_PPARG\_FROM\_VISCERAL\_TCELL\_TCONV\_PPARG\_FROM\_VISCERAL\_TCELL\_TCONV\_PPARG\_FROM\_VISCERAL\_TCTONV\_PPARG\_FROM\_VISCERAL\_TCTONV\_PPARG\_FROM\_VISCER GSE21927 SPLEEN VS TUMOR MONOCYTE BALBC DN, GSE21927 SPLEEN VS TUMOR MONOCYTE BALBC DN GSE14350\_IL2RB\_KO\_VS\_WT\_TEFF\_UP, GSE14350\_IL2RB\_KO\_VS\_WT\_TEFF\_UP GSE15330 HSC VS LYMPHOID PRIMED MULTIPOTENT PROGENITOR IKAROS KO UP, GSE15330 HSC VS LYMPHOID PRIMED MULTIPOTENT PROGENITOR IKAROS I GSE7852\_LN\_VS\_FAT\_TCONV\_UP, GSE7852\_LN\_VS\_FAT\_TCONV\_UP GSE369\_SOCS3\_KO\_VS\_WT\_LIVER\_DN, GSE369\_SOCS3\_KO\_VS\_WT\_LIVER\_DN GSE14908 ATOPIC VS NONATOPIC PATIENT HDM STIM CD4 TCELL DN, GSE14908 ATOPIC VS NONATOPIC PATIENT HDM STIM CD4 TCELL DN GSE14769\_UNSTIM\_VS\_60MIN\_LPS\_BMDM\_DN, GSE14769\_UNSTIM\_VS\_60MIN\_LPS\_BMDM\_DN GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_12H\_IFNA\_STIM\_DN, GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_12H\_IFNA\_STIM\_DN GSE40274\_LEF1\_VS\_FOXP3\_AND\_LEF1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_LEF1\_VS\_FOXP3\_AND\_LEF1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP GSE5142\_CTRL\_VS\_HTERT\_TRANSDUCED\_CD8\_TCELL\_EARLY\_PASSAGE\_CLONE\_UP, GSE5142\_CTRL\_VS\_HTERT\_TRANSDUCED\_CD8\_TCELL\_EARLY\_PASSAGE\_CLONE\_U GSE15330\_HSC\_VS\_LYMPHOID\_PRIMED\_MULTIPOTENT\_PROGENITOR\_IKAROS\_KO\_DN, GSE15330\_HSC\_VS\_LYMPHOID\_PRIMED\_MULTIPOTENT\_PROGENITOR\_IKAROS\_ GSE20366\_TREG\_VS\_NAIVE\_CD4\_TCELL\_UP, GSE20366\_TREG\_VS\_NAIVE\_CD4\_TCELL\_UP GSE29618\_PRE\_VS\_DAY7\_FLU\_VACCINE\_MONOCYTE\_DN, GSE29618\_PRE\_VS\_DAY7\_FLU\_VACCINE\_MONOCYTE\_DN GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_3DAY\_STIMULATED\_IRF4MID\_SORTED\_BCELL\_DN, GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_3DAY\_STIMULATED\_IRF4MID\_SORTED\_E GSE22935\_24H\_VS\_48H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_UP, GSE22935\_24H\_VS\_48H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_UP GSE360\_CTRL\_VS\_L\_MAJOR\_DC\_UP, GSE360\_CTRL\_VS\_L\_MAJOR\_DC\_UP GSE28737\_WT\_VS\_BCL6\_KO\_MARGINAL\_ZONE\_BCELL\_DN, GSE28737\_WT\_VS\_BCL6\_KO\_MARGINAL\_ZONE\_BCELL\_DN GSE2405\_HEAT\_KILLED\_LYSATE\_VS\_LIVE\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_24H\_DN, GSE2405\_HEAT\_KILLED\_LYSATE\_VS\_LIVE\_A\_PHAGOCYTOPHILUM\_STI GSE11961\_FOLLICULAR\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP, GSE11961\_FOLLICULAR\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP GSE14415\_FOXP3\_KO\_NATURAL\_TREG\_VS\_TCONV\_UP, GSE14415\_FOXP3\_KO\_NATURAL\_TREG\_VS\_TCONV\_UP GSE18893\_TCONV\_VS\_TREG\_2H\_CULTURE\_DN, GSE18893\_TCONV\_VS\_TREG\_2H\_CULTURE\_DN GSE37301\_PRO\_BCELL\_VS\_CD4\_TCELL\_UP, GSE37301\_PRO\_BCELL\_VS\_CD4\_TCELL\_UP GSE13493\_CD4INTCD8POS\_VS\_CD8POS\_THYMOCYTE\_UP, GSE13493\_CD4INTCD8POS\_VS\_CD8POS\_THYMOCYTE\_UP GSE17721\_0.5H\_VS\_12H\_PAM3CSK4\_BMDC\_UP, GSE17721\_0.5H\_VS\_12H\_PAM3CSK4\_BMDC\_UP GSE32423\_CTRL\_VS\_IL7\_IL4\_MEMORY\_CD8\_TCELL\_UP, GSE32423\_CTRL\_VS\_IL7\_IL4\_MEMORY\_CD8\_TCELL\_UP GSE16451\_CTRL\_VS\_WEST\_EQUINE\_ENC\_VIRUS\_MATURE\_NEURON\_CELL\_LINE\_UP, GSE16451\_CTRL\_VS\_WEST\_EQUINE\_ENC\_VIRUS\_MATURE\_NEURON\_CELL\_LINE\_UP GSE26928\_EFF\_MEMORY\_VS\_CXCR5\_POS\_CD4\_TCELL\_DN, GSE26928\_EFF\_MEMORY\_VS\_CXCR5\_POS\_CD4\_TCELL\_DN GSE14769\_UNSTIM\_VS\_80MIN\_LPS\_BMDM\_DN, GSE14769\_UNSTIM\_VS\_80MIN\_LPS\_BMDM\_DN GSE1460\_DP\_THYMOCYTE\_VS\_THYMIC\_STROMAL\_CELL\_UP, GSE1460\_DP\_THYMOCYTE\_VS\_THYMIC\_STROMAL\_CELL\_UP GSE15930\_NAIVE\_VS\_72H\_IN\_VITRO\_STIM\_IL12\_CD8\_TCELL\_UP, GSE15930\_NAIVE\_VS\_72H\_IN\_VITRO\_STIM\_IL12\_CD8\_TCELL\_UP GSE40274 FOXP3 VS FOXP3 AND LEF1 TRANSDUCED ACTIVATED CD4 TCELL DN, GSE40274 FOXP3 VS FOXP3 AND LEF1 TRANSDUCED ACTIVATED CD4 TCELL D GSE20366\_TREG\_VS\_TCONV\_DN, GSE20366\_TREG\_VS\_TCONV\_DN GSE11961\_PLASMA\_CELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP, GSE11961\_PLASMA\_CELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP GSE7852\_TREG\_VS\_TCONV\_UP, GSE7852\_TREG\_VS\_TCONV\_UP GSE2770\_TGFB\_AND\_IL4\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_6H\_DN, GSE2770\_TGFB\_AND\_IL4\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_6H\_DN GSE3203\_HEALTHY\_VS\_INFLUENZA\_INFECTED\_LN\_BCELL\_UP, GSE3203\_HEALTHY\_VS\_INFLUENZA\_INFECTED\_LN\_BCELL\_UP GSE22033\_UNTREATED\_VS\_ROSIGLITAZONE\_TREATED\_MEF\_DN, GSE22033\_UNTREATED\_VS\_ROSIGLITAZONE\_TREATED\_MEF\_DN GSE32423\_IL7\_VS\_IL7\_IL4\_MEMORY\_CD8\_TCELL\_DN, GSE32423\_IL7\_VS\_IL7\_IL4\_MEMORY\_CD8\_TCELL\_DN GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_52H\_DN, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_52H\_DN GSE22601\_DOUBLE\_NEGATIVE\_VS\_DOUBLE\_POSITIVE\_THYMOCYTE\_UP, GSE22601\_DOUBLE\_NEGATIVE\_VS\_DOUBLE\_POSITIVE\_THYMOCYTE\_UP GSE9509\_10MIN\_VS\_30MIN\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_DN, GSE9509\_10MIN\_VS\_30MIN\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_DN GSE26928\_CENTR\_MEMORY\_VS\_CXCR5\_POS\_CD4\_TCELL\_UP, GSE26928\_CENTR\_MEMORY\_VS\_CXCR5\_POS\_CD4\_TCELL\_UP GSE37605\_C57BL6\_VS\_NOD\_FOXP3\_IRES\_GFP\_TREG\_DN, GSE37605\_C57BL6\_VS\_NOD\_FOXP3\_IRES\_GFP\_TREG\_DN GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4\_KO\_BCELL\_UP, GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4\_KO\_BCELL\_UP GSE21033\_CTRL\_VS\_POLYIC\_STIM\_DC\_1H\_UP, GSE21033\_CTRL\_VS\_POLYIC\_STIM\_DC\_1H\_UP GSE30083\_SP3\_VS\_SP4\_THYMOCYTE\_UP, GSE30083\_SP3\_VS\_SP4\_THYMOCYTE\_UP GSE41176\_WT\_VS\_TAK1\_KO\_ANTI\_IGM\_STIM\_BCELL\_3H\_UP, GSE41176\_WT\_VS\_TAK1\_KO\_ANTI\_IGM\_STIM\_BCELL\_3H\_UP GSE6566\_STRONG\_VS\_WEAK\_DC\_STIMULATED\_CD4\_TCELL\_UP, GSE6566\_STRONG\_VS\_WEAK\_DC\_STIMULATED\_CD4\_TCELL\_UP GSE13306\_TREG\_VS\_TCONV\_LAMINA\_PROPRIA\_DN, GSE13306\_TREG\_VS\_TCONV\_LAMINA\_PROPRIA\_DN GSE17721\_LPS\_VS\_PAM3CSK4\_4H\_BMDC\_UP, GSE17721\_LPS\_VS\_PAM3CSK4\_4H\_BMDC\_UP GSE2770\_IL12\_ACT\_VS\_ACT\_CD4\_TCELL\_6H\_DN, GSE2770\_IL12\_ACT\_VS\_ACT\_CD4\_TCELL\_6H\_DN GSE25088\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_STAT6\_KO\_MACROPHAGE\_DN, GSE25088\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_STAT6\_KO\_MACROPHAGE\_D GSE24574\_BCL6\_HIGH\_TFH\_VS\_TCONV\_CD4\_TCELL\_DN, GSE24574\_BCL6\_HIGH\_TFH\_VS\_TCONV\_CD4\_TCELL\_DN GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_IFNG\_KO\_LIVER\_DN, GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_IFNG\_KO\_LIVER\_DN GSE17721\_CTRL\_VS\_GARDIQUIMOD\_1H\_BMDC\_DN, GSE17721\_CTRL\_VS\_GARDIQUIMOD\_1H\_BMDC\_DN GSE26488\_WT\_VS\_HDAC7\_DELTAP\_TG\_OT2\_THYMOCYTE\_WITH\_PEPTIDE\_INJECTION\_UP, GSE26488\_WT\_VS\_HDAC7\_DELTAP\_TG\_OT2\_THYMOCYTE\_WITH\_PEPTIDE\_INJ GSE43956\_WT\_VS\_SGK1\_KO\_TH17\_DIFFERENTIATED\_CD4\_TCELL\_UP, GSE43956\_WT\_VS\_SGK1\_KO\_TH17\_DIFFERENTIATED\_CD4\_TCELL\_UP GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_6H\_IFNA\_STIM\_DN, GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_6H\_IFNA\_STIM\_DN GSE9946\_IMMATURE\_VS\_LISTERIA\_INF\_MATURE\_DC\_DN, GSE9946\_IMMATURE\_VS\_LISTERIA\_INF\_MATURE\_DC\_DN GSE15930\_STIM\_VS\_STIM\_AND\_TRICHOSTATINA\_72H\_CD8\_T\_CELL\_DN, GSE15930\_STIM\_VS\_STIM\_AND\_TRICHOSTATINA\_72H\_CD8\_T\_CELL\_DN GSE20715\_0H\_VS\_6H\_OZONE\_LUNG\_DN, GSE20715\_0H\_VS\_6H\_OZONE\_LUNG\_DN GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_60H\_UP, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_60H\_UP GSE12707\_AT16L1\_HYPOMORPH\_VS\_WT\_THYMUS\_DN, GSE12707\_AT16L1\_HYPOMORPH\_VS\_WT\_THYMUS\_DN GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_42H\_DN, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_42H\_DN GSE22935\_UNSTIM\_VS\_48H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_DN, GSE22935\_UNSTIM\_VS\_48H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_DN GSE22886\_NAIVE\_CD4\_TCELL\_VS\_MEMORY\_TCELL\_UP, GSE22886\_NAIVE\_CD4\_TCELL\_VS\_MEMORY\_TCELL\_UP GSE11924\_TH1\_VS\_TH17\_CD4\_TCELL\_UP, GSE11924\_TH1\_VS\_TH17\_CD4\_TCELL\_UP GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_MACROPHAGE\_UP, GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_MACROPHAGE\_UP GSE13306 TREG RA VS TCONV RA DN, GSE13306 TREG RA VS TCONV RA DN GSE3982\_DC\_VS\_NKCELL\_DN, GSE3982\_DC\_VS\_NKCELL\_DN GSE15659\_NAIVE\_CD4\_TCELL\_VS\_ACTIVATED\_TREG\_UP, GSE15659\_NAIVE\_CD4\_TCELL\_VS\_ACTIVATED\_TREG\_UP GSE25123\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DN, GSE25123\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DN GSE17721\_LPS\_VS\_CPG\_24H\_BMDC\_UP, GSE17721\_LPS\_VS\_CPG\_24H\_BMDC\_UP GSE45365\_NK\_CELL\_VS\_BCELL\_DN, GSE45365\_NK\_CELL\_VS\_BCELL\_DN GSE17721\_POLYIC\_VS\_PAM3CSK4\_0.5H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_PAM3CSK4\_0.5H\_BMDC\_UP GSE15930\_STIM\_VS\_STIM\_AND\_IFNAB\_72H\_CD8\_T\_CELL\_UP, GSE15930\_STIM\_VS\_STIM\_AND\_IFNAB\_72H\_CD8\_T\_CELL\_UP

GSE39820\_CTRL\_VS\_TGFBETA1\_IL6\_IL23A\_CD4\_TCELL\_UP, GSE39820\_CTRL\_VS\_TGFBETA1\_IL6\_IL23A\_CD4\_TCELL\_UP

GSE14769\_UNSTIM\_VS\_240MIN\_LPS\_BMDM\_UP, GSE14769\_UNSTIM\_VS\_240MIN\_LPS\_BMDM\_UP

GSE39820\_CTRL\_VS\_IL1B\_IL6\_CD4\_TCELL\_UP, GSE39820\_CTRL\_VS\_IL1B\_IL6\_CD4\_TCELL\_UP

GSE13306 RA VS UNTREATED TREG DN, GSE13306 RA VS UNTREATED TREG DN

GSE15659 NAIVE CD4 TCELL VS NONSUPPRESSIVE TCELL UP, GSE15659 NAIVE CD4 TCELL VS NONSUPPRESSIVE TCELL UP

GSE21380\_NON\_TFH\_VS\_GERMINAL\_CENTER\_TFH\_CD4\_TCELL\_DN, GSE21380\_NON\_TFH\_VS\_GERMINAL\_CENTER\_TFH\_CD4\_TCELL\_DN

GSE7852\_LN\_VS\_FAT\_TREG\_UP, GSE7852\_LN\_VS\_FAT\_TREG\_UP

VS\_TGFBETA3\_IL6\_IL23A\_CD4\_TCELL\_UP, GSE39820\_CTRL\_VS\_TGFBETA3\_IL6\_IL23A\_CD4\_TCELL\_UP