

GSE37532\_TREG\_VS\_CD4\_TCELL\_FROM\_LN\_DN, GSE37532\_TREG\_VS\_TCONV\_PPARG\_KO\_CD4\_TCELL\_FROM\_LN\_DN  
GSE36826\_WT\_VS\_IL1R\_KO\_SKIN\_DN, GSE36826\_WT\_VS\_IL1R\_KO\_SKIN\_DN  
GSE39152\_BRAIN\_VS\_SPLEEN\_CD103\_NEG\_MEMORY\_CD8\_TCELL\_UP, GSE39152\_BRAIN\_VS\_SPLEEN\_CD103\_NEG\_MEMORY\_CD8\_TCELL\_UP  
GSE41867\_DAY6\_EFFECTOR\_VS\_DAY30\_MEMORY\_CD8\_TCELL\_LCMV\_ARMSTRONG\_UP, GSE41867\_DAY6\_EFFECTOR\_VS\_DAY30\_MEMORY\_CD8\_TCELL\_LCMV\_ARMSTRONG\_UP  
GSE23505\_UNTREATED\_VS\_4DAY\_IL6\_IL1\_IL23\_TREATED\_CD4\_TCELL\_UP, GSE23505\_UNTREATED\_VS\_4DAY\_IL6\_IL1\_IL23\_TREATED\_CD4\_TCELL\_UP  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_6H\_BMDC\_DN, GSE17721\_CPG\_VS\_GARDIQUIMOD\_6H\_BMDC\_DN  
GSE339\_CD8POS\_VS\_CD4CD8DN\_DC\_IN\_CULTURE\_DN, GSE339\_CD8POS\_VS\_CD4CD8DN\_DC\_IN\_CULTURE\_DN  
GSE13411\_IGM\_VS\_SWITCHED\_MEMORY\_BCELL\_DN, GSE13411\_IGM\_VS\_SWITCHED\_MEMORY\_BCELL\_DN  
GSE5589\_UNSTIM\_VS\_45MIN\_LPS\_AND\_IL6\_STIM\_MACROPHAGE\_DN, GSE5589\_UNSTIM\_VS\_45MIN\_LPS\_AND\_IL6\_STIM\_MACROPHAGE\_DN  
GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_RAG2\_KO\_NK\_CELL\_UP, GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_RAG2\_KO\_NK\_CELL\_UP  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_2H\_UP, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_2H\_UP  
GSE22935\_UNSTIM\_VS\_24H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_UP, GSE22935\_UNSTIM\_VS\_24H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_UP  
GSE43863\_DAY6\_EFF\_VS\_DAY150\_MEM\_TFH\_CD4\_TCELL\_UP, GSE43863\_DAY6\_EFF\_VS\_DAY150\_MEM\_TFH\_CD4\_TCELL\_UP  
GSE14413\_UNSTIM\_VS\_IFNB\_STIM\_NIH3T3\_CELLS\_DN, GSE14413\_UNSTIM\_VS\_IFNB\_STIM\_NIH3T3\_CELLS\_DN  
GSE15930\_STIM\_VS\_STIM\_AND\_TRICHOSTATINA\_24H\_CD8\_T\_CELL\_DN, GSE15930\_STIM\_VS\_STIM\_AND\_TRICHOSTATINA\_24H\_CD8\_T\_CELL\_DN  
GSE45365\_NK\_CELL\_VS\_CD11B\_DC\_DN, GSE45365\_NK\_CELL\_VS\_CD11B\_DC\_DN  
GSE41176\_WT\_VS\_TAK1\_KO\_ANTI\_IGM\_STIM\_BCELL\_6H\_DN, GSE41176\_WT\_VS\_TAK1\_KO\_ANTI\_IGM\_STIM\_BCELL\_6H\_DN  
GSE35685\_CD34POS\_CD38NEG\_VS\_CD34POS\_CD10POS\_BONE\_MARROW\_DN, GSE35685\_CD34POS\_CD38NEG\_VS\_CD34POS\_CD10POS\_BONE\_MARROW\_DN  
GSE17974\_0.5H\_VS\_72H\_UNTREATED\_IN\_VITRO\_CD4\_TCELL\_UP, GSE17974\_0.5H\_VS\_72H\_UNTREATED\_IN\_VITRO\_CD4\_TCELL\_UP  
GSE17721\_LPS\_VS\_POLYIC\_24H\_BMDC\_UP, GSE17721\_LPS\_VS\_POLYIC\_24H\_BMDC\_UP  
GSE32901\_NAIVE\_VS\_TH17\_ENRICHED\_CD4\_TCELL\_DN, GSE32901\_NAIVE\_VS\_TH17\_ENRICHED\_CD4\_TCELL\_DN  
GSE7219\_UNSTIM\_VS\_LPS\_AND\_ANTI\_CD40\_STIM\_NIK\_NFKB2\_KO\_DC\_DN, GSE7219\_UNSTIM\_VS\_LPS\_AND\_ANTI\_CD40\_STIM\_NIK\_NFKB2\_KO\_DC\_DN  
GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD8POS\_DC\_DN, GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD8POS\_DC\_DN  
GSE22601\_IMMATURE\_CD4\_SINGLE\_POSITIVE\_VS\_CD8\_SINGLE\_POSITIVE\_THYMOCYTE\_DN, GSE22601\_IMMATURE\_CD4\_SINGLE\_POSITIVE\_VS\_CD8\_SINGLE\_POSITIVE\_THYMOCYTE\_DN  
GSE12392\_IFNAR\_KO\_VS\_IFNB\_KO\_CD8\_NEG\_SPLEEN\_DC\_UP, GSE12392\_IFNAR\_KO\_VS\_IFNB\_KO\_CD8\_NEG\_SPLEEN\_DC\_UP  
GSE23502\_WT\_VS\_HDC\_KO\_MYELOID\_DERIVED\_SUPPRESSOR\_CELL\_BM\_DN, GSE23502\_WT\_VS\_HDC\_KO\_MYELOID\_DERIVED\_SUPPRESSOR\_CELL\_BM\_DN  
GSE17721\_0.5H\_VS\_4H\_PAM3CSK4\_BMDC\_DN, GSE17721\_0.5H\_VS\_4H\_PAM3CSK4\_BMDC\_DN  
GSE17721\_LPS\_VS\_PAM3CSK4\_8H\_BMDC\_UP, GSE17721\_LPS\_VS\_PAM3CSK4\_8H\_BMDC\_UP  
GSE19923\_HEB\_KO\_VS\_HEB\_AND\_E2A\_KO\_DP\_THYMOCYTE\_DN, GSE19923\_HEB\_KO\_VS\_HEB\_AND\_E2A\_KO\_DP\_THYMOCYTE\_DN  
GSE8384\_CTRL\_VS\_B\_ABORTUS\_4H\_MAC\_CELL\_LINE\_DN, GSE8384\_CTRL\_VS\_B\_ABORTUS\_4H\_MAC\_CELL\_LINE\_DN  
GSE9988\_LOW\_LPS\_VS\_VEHICLE\_TREATED\_MONOCYTE\_UP, GSE9988\_LOW\_LPS\_VS\_VEHICLE\_TREATED\_MONOCYTE\_UP  
GSE31082\_DP\_VS\_CD8\_SP\_THYMOCYTE\_DN, GSE31082\_DP\_VS\_CD8\_SP\_THYMOCYTE\_DN  
GSE2706\_UNSTIM\_VS\_2H\_R848\_DC\_DN, GSE2706\_UNSTIM\_VS\_2H\_R848\_DC\_DN  
GSE9037\_WT\_VS\_IRAK4\_KO\_LPS\_4H\_STIM\_BMDM\_UP, GSE9037\_WT\_VS\_IRAK4\_KO\_LPS\_4H\_STIM\_BMDM\_UP  
GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_1DAY\_STIMULATED\_IRF4MID\_SORTED\_BCELL\_UP, GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_1DAY\_STIMULATED\_IRF4MID\_SORTED\_BCELL\_UP  
GSE17974\_2H\_VS\_72H\_UNTREATED\_IN\_VITRO\_CD4\_TCELL\_2H\_VS\_72H\_UNTREATED\_IN\_VITRO\_CD4\_TCELL\_UP  
GSE42021\_TREG\_PLN\_VS\_CD24INT\_TREG\_THYMUS\_UP, GSE42021\_TREG\_PLN\_VS\_CD24INT\_TREG\_THYMUS\_UP  
GSE17721\_0.5H\_VS\_8H\_PAM3CSK4\_BMDC\_DN, GSE17721\_0.5H\_VS\_8H\_PAM3CSK4\_BMDC\_DN  
GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_16H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_16H\_BMDC\_DN  
GSE22025\_UNTREATED\_VS\_TGFB1\_TREATED\_CD4\_TCELL\_UP, GSE22025\_UNTREATED\_VS\_TGFB1\_TREATED\_CD4\_TCELL\_UP  
GSE32034\_LY6C\_HIGH\_VS\_LOW\_ROSIGLIZATONE\_TREATED\_MONOCYTE\_DN, GSE32034\_LY6C\_HIGH\_VS\_LOW\_ROSIGLIZATONE\_TREATED\_MONOCYTE\_DN  
GSE17186\_MEMORY\_VS\_NAIVE\_BCELL\_UP, GSE17186\_MEMORY\_VS\_NAIVE\_BCELL\_UP  
GSE2197\_IMMUNOSUPPRESSIVE\_DNA\_VS\_UNTREATED\_IN\_DC\_UP, GSE2197\_IMMUNOSUPPRESSIVE\_DNA\_VS\_UNTREATED\_IN\_DC\_UP  
GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4HIGH\_BCELL\_DN, GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4HIGH\_BCELL\_DN  
GSE9988\_ANTI\_TREM1\_VS\_ANTI\_TREM1\_AND\_LPS\_MONOCYTE\_DN, GSE9988\_ANTI\_TREM1\_VS\_ANTI\_TREM1\_AND\_LPS\_MONOCYTE\_DN  
GSE32986\_CURDLAN\_LOWDOSE\_VS\_CURDLAN\_HIGHDOSE\_STIM\_DC\_DN, GSE32986\_CURDLAN\_LOWDOSE\_VS\_CURDLAN\_HIGHDOSE\_STIM\_DC\_DN  
GSE29617\_CTRL\_VS\_DAY3\_TIV\_FLU\_VACCINE\_PPMC\_2008\_UP, GSE29617\_CTRL\_VS\_DAY3\_TIV\_FLU\_VACCINE\_PPMC\_2008\_UP  
GSE1448\_ANTI\_VALPHA2\_VS\_VBETA5\_DP\_THYMOCYTE\_DN, GSE1448\_ANTI\_VALPHA2\_VS\_VBETA5\_DP\_THYMOCYTE\_DN  
GSE13484\_UNSTIM\_VS\_3H\_YF17D\_VACCINE\_STIM\_PPMC\_DN, GSE13484\_UNSTIM\_VS\_3H\_YF17D\_VACCINE\_STIM\_PPMC\_DN  
GSE23925\_DARK\_ZONE\_VS\_NAIVE\_BCELL\_DN, GSE23925\_DARK\_ZONE\_VS\_NAIVE\_BCELL\_DN  
GSE11386\_NAIVE\_VS\_MEMORY\_BCELL\_DN, GSE11386\_NAIVE\_VS\_MEMORY\_BCELL\_DN  
GSE26488\_WT\_VS\_HDAC7\_DELTAP\_TG\_OT2\_THYMOCYTE\_WITH\_PEPTIDE\_INJECTION\_DN, GSE26488\_WT\_VS\_HDAC7\_DELTAP\_TG\_OT2\_THYMOCYTE\_WITH\_PEPTIDE\_INJECTION\_DN  
GSE1925\_CTRL\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_UP, GSE1925\_CTRL\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_UP  
GSE15750\_DAY6\_VS\_DAY10\_TRAF6KO\_EFF\_CD8\_TCELL\_DN, GSE15750\_DAY6\_VS\_DAY10\_TRAF6KO\_EFF\_CD8\_TCELL\_DN  
GSE43955\_1H\_VS\_42H\_ACT\_CD4\_TCELL\_UP, GSE43955\_1H\_VS\_42H\_ACT\_CD4\_TCELL\_UP  
GSE22886\_IGG\_IGA\_MEMORY\_BCELL\_VS\_BM\_PLASMA\_CELL\_DN, GSE22886\_IGG\_IGA\_MEMORY\_BCELL\_VS\_BM\_PLASMA\_CELL\_DN  
GSE21678\_WT\_VS\_FOXO1\_FOXO3\_KO\_TREG\_UP, GSE21678\_WT\_VS\_FOXO1\_FOXO3\_KO\_TREG\_UP  
GSE43863\_TFH\_VS\_LY6C\_LOW\_CXCR5NEG\_EFFECTOR\_CD4\_TCELL\_DN, GSE43863\_TFH\_VS\_LY6C\_LOW\_CXCR5NEG\_EFFECTOR\_CD4\_TCELL\_DN  
GSE41176\_UNSTIM\_VS\_ANTI\_IGM\_STIM\_BCELL\_1H\_UP, GSE41176\_UNSTIM\_VS\_ANTI\_IGM\_STIM\_BCELL\_1H\_UP  
GSE20152\_SPHK1\_KO\_VS\_WT\_HTNFA\_OVERXPRESS\_ANKLE\_UP, GSE20152\_SPHK1\_KO\_VS\_WT\_HTNFA\_OVERXPRESS\_ANKLE\_UP  
GSE15930\_NAIVE\_VS\_72H\_IN\_VITRO\_STIM\_IL12\_CD8\_TCELL\_UP, GSE15930\_NAIVE\_VS\_72H\_IN\_VITRO\_STIM\_IL12\_CD8\_TCELL\_UP  
GSE46143\_CTRL\_VS\_LMP2A\_TRANSDUCED\_CD10\_POS\_GC\_BCELL\_DN, GSE46143\_CTRL\_VS\_LMP2A\_TRANSDUCED\_CD10\_POS\_GC\_BCELL\_DN  
GSE23321\_CENTRAL\_VS\_EFFECTOR\_MEMORY\_CD8\_TCELL\_UP, GSE23321\_CENTRAL\_VS\_EFFECTOR\_MEMORY\_CD8\_TCELL\_UP  
GSE9037\_CTRL\_VS\_LPS\_4H\_STIM\_IRAK4\_KO\_BMDM\_DN, GSE9037\_CTRL\_VS\_LPS\_4H\_STIM\_IRAK4\_KO\_BMDM\_DN  
GSE39820\_TGFBETA1\_VS\_TGFBETA3\_IN\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_UP, GSE39820\_TGFBETA1\_VS\_TGFBETA3\_IN\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_UP  
GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_10H\_UP, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_10H\_UP  
GSE26343\_WT\_VS\_NFAT5\_KO\_MACROPHAGE\_DN, GSE26343\_WT\_VS\_NFAT5\_KO\_MACROPHAGE\_DN  
GSE29617\_CTRL\_VS\_DAY7\_TIV\_FLU\_VACCINE\_PPMC\_2008\_UP, GSE29617\_CTRL\_VS\_DAY7\_TIV\_FLU\_VACCINE\_PPMC\_2008\_UP  
GSE37605\_FOXP3\_FUSION\_GFP\_VS\_IRES\_GFP\_TREG\_C57BL6\_UP, GSE37605\_FOXP3\_FUSION\_GFP\_VS\_IRES\_GFP\_TREG\_C57BL6\_UP  
GSE17721\_CTRL\_VS\_POLYIC\_4H\_BMDC\_DN, GSE17721\_CTRL\_VS\_POLYIC\_4H\_BMDC\_DN  
GSE27670\_CTRL\_VS\_BLIMP1\_TRANSDUCED\_GC\_BCELL\_DN, GSE27670\_CTRL\_VS\_BLIMP1\_TRANSDUCED\_GC\_BCELL\_DN  
GSE29617\_CTRL\_VS\_TIV\_FLU\_VACCINE\_PPMC\_2008\_UP, GSE29617\_CTRL\_VS\_TIV\_FLU\_VACCINE\_PPMC\_2008\_UP  
GSE16522\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_DN, GSE16522\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_DN  
GSE11961\_MEMORY\_BCELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP, GSE11961\_MEMORY\_BCELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP  
GSE14415\_INDUCED\_VS\_NATURAL\_TREG\_UP, GSE14415\_INDUCED\_VS\_NATURAL\_TREG\_UP  
GSE45365\_NK\_CELL\_VS\_BCELL\_DN, GSE45365\_NK\_CELL\_VS\_BCELL\_DN  
GSE32901\_TH1\_VS\_TH17\_NEG\_CD4\_TCELL\_UP, GSE32901\_TH1\_VS\_TH17\_NEG\_CD4\_TCELL\_UP  
GSE2770\_TGFB\_AND\_IL4\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_2H\_DN, GSE2770\_TGFB\_AND\_IL4\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_2H\_DN