

FB\_IL6\_TREATED\_STAT3\_KO\_CD4\_TCELL\_DN, GSE21670\_UNTREATED\_VS\_TGFB\_IL6\_TREATED\_STAT3\_KO\_CD4\_TCELL\_DN

GSE14308\_TH17\_VS\_INDUCED\_TREG\_UP, GSE14308\_TH17\_VS\_INDUCED\_TREG\_UP  
GSE29618\_PDC\_VS\_MDC\_DAY7\_FLU\_VACCINE\_DN, GSE29618\_PDC\_VS\_MDC\_DAY7\_FLU\_VACCINE\_DN  
GSE39820\_CTRL\_VS\_TGFBETA1\_IL6\_CD4\_TCELL\_DN, GSE39820\_CTRL\_VS\_TGFBETA1\_IL6\_CD4\_TCELL\_DN  
GSE21670\_UNTREATED\_VS\_IL6\_TREATED\_CD4\_TCELL\_DN, GSE21670\_UNTREATED\_VS\_IL6\_TREATED\_CD4\_TCELL\_DN  
GSE41867\_DAY6\_EFFECTOR\_VS\_DAY30\_MEMORY\_CD8\_TCELL\_LCMV\_ARMSTRONG\_UP, GSE41867\_DAY6\_EFFECTOR\_VS\_DAY30\_MEMORY\_CD8\_TCELL\_LCMV\_ARMSTRONG\_UP  
GSE22601\_DOUBLE\_NEGATIVE\_VS\_DOUBLE\_POSITIVE\_THYMOCYTE\_DN, GSE22601\_DOUBLE\_NEGATIVE\_VS\_DOUBLE\_POSITIVE\_THYMOCYTE\_DN  
GSE32901\_TH1\_VS\_TH17\_ENRICHED\_CD4\_TCELL\_UP, GSE32901\_TH1\_VS\_TH17\_ENRICHED\_CD4\_TCELL\_UP  
GSE8685\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_UP, GSE8685\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_UP  
GSE15330\_HSC\_VS\_MEGAKARYOCYTE\_ERYTHROID\_PROGENITOR\_IKAROS\_KO\_UP, GSE15330\_HSC\_VS\_MEGAKARYOCYTE\_ERYTHROID\_PROGENITOR\_IKAROS\_KO\_UP  
GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_12H\_IFNA\_STIM\_DN, GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_12H\_IFNA\_STIM\_DN  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_EOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_EOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE6674\_ANTI\_IGM\_VS\_ANTI\_IGM\_AND\_CPG\_STIM\_BCELL\_UP, GSE6674\_ANTI\_IGM\_VS\_ANTI\_IGM\_AND\_CPG\_STIM\_BCELL\_UP  
GSE23568\_ID3\_TRANSDUCED\_VS\_ID3\_KO\_CD8\_TCELL\_DN, GSE23568\_ID3\_TRANSDUCED\_VS\_ID3\_KO\_CD8\_TCELL\_DN  
GSE2405\_S\_AUREUS\_VS\_UNTREATED\_NEUTROPHIL\_UP, GSE2405\_S\_AUREUS\_VS\_UNTREATED\_NEUTROPHIL\_UP  
GSE17186\_MEMORY\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_DN, GSE17186\_MEMORY\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_DN  
GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_IFNG\_KO\_LIVER\_UP, GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_IFNG\_KO\_LIVER\_UP  
GSE13484\_12H\_VS\_3H\_YF17D\_VACCINE\_STIM\_PBMCDN, GSE13484\_12H\_VS\_3H\_YF17D\_VACCINE\_STIM\_PBMCDN  
GSE1460\_CD4\_THYMOCYTE\_VS\_THYMIC\_STROMAL\_CELL\_UP, GSE1460\_CD4\_THYMOCYTE\_VS\_THYMIC\_STROMAL\_CELL\_UP  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE23505\_UNTREATED\_VS\_4DAY\_IL6\_IL1\_IL23\_TREATED\_CD4\_TCELL\_DN, GSE23505\_UNTREATED\_VS\_4DAY\_IL6\_IL1\_IL23\_TREATED\_CD4\_TCELL\_DN  
GSE8621\_LPS\_STIM\_VS\_LPS\_PRIMED\_AND\_LPS\_STIM\_MACROPHAGE\_DN, GSE8621\_LPS\_STIM\_VS\_LPS\_PRIMED\_AND\_LPS\_STIM\_MACROPHAGE\_DN  
GSE20727\_H2O2\_VS\_ROS\_INHIBITOR\_TREATED\_DC\_UP, GSE20727\_H2O2\_VS\_ROS\_INHIBITOR\_TREATED\_DC\_UP  
GSE1460\_CD4\_THYMOCYTE\_VS\_NAIVE\_CD4\_TCELL\_ADULT\_BLOOD\_DN, GSE1460\_CD4\_THYMOCYTE\_VS\_NAIVE\_CD4\_TCELL\_ADULT\_BLOOD\_DN  
GSE4984\_GALECTIN1\_VS\_LPS\_STIM\_DC\_UP, GSE4984\_GALECTIN1\_VS\_LPS\_STIM\_DC\_UP  
GSE15735\_CTRL\_VS\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_12H\_DN, GSE15735\_CTRL\_VS\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_12H\_DN  
GSE6875\_TCONV\_VS\_FOXP3\_KO\_TREG\_UP, GSE6875\_TCONV\_VS\_FOXP3\_KO\_TREG\_UP  
GSE27859\_DC\_VS\_CD11C\_INT\_F480\_INT\_DC\_UP, GSE27859\_DC\_VS\_CD11C\_INT\_F480\_INT\_DC\_UP  
GSE2935\_UV\_INACTIVATED\_VS\_LIVE\_SENDAI\_VIRUS\_INF\_MACROPHAGE\_UP, GSE2935\_UV\_INACTIVATED\_VS\_LIVE\_SENDAI\_VIRUS\_INF\_MACROPHAGE\_UP  
GSE7852\_TREG\_VS\_TCONV\_DN, GSE7852\_TREG\_VS\_TCONV\_DN  
GSE8685\_IL2\_ACT\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_UP, GSE8685\_IL2\_ACT\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_UP  
GSE9037\_WT\_VS\_IRAK4\_KO\_LPS\_4H\_STIM\_BMDM\_DN, GSE9037\_WT\_VS\_IRAK4\_KO\_LPS\_4H\_STIM\_BMDM\_DN  
GSE12845\_IGD\_POS\_VS\_NEG\_BLOOD\_BCELL\_UP, GSE12845\_IGD\_POS\_VS\_NEG\_BLOOD\_BCELL\_UP  
GSE15930\_NAIVE\_VS\_72H\_IN\_VITRO\_STIM\_TRICHOSTATINA\_CD8\_TCELL\_UP, GSE15930\_NAIVE\_VS\_72H\_IN\_VITRO\_STIM\_TRICHOSTATINA\_CD8\_TCELL\_UP  
GSE27786\_BCELL\_VS\_NKTCELL\_DN, GSE27786\_BCELL\_VS\_NKTCELL\_DN  
GSE14699\_NAIVE\_VS\_DELETIONAL\_TOLERANCE\_CD8\_TCELL\_UP, GSE14699\_NAIVE\_VS\_DELETIONAL\_TOLERANCE\_CD8\_TCELL\_UP  
GSE11818\_WT\_VS\_DICER\_KO\_TREG\_DN, GSE11818\_WT\_VS\_DICER\_KO\_TREG\_DN  
GSE40274\_HELIOS\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_HELIOS\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_CD4\_TCELL\_UP, GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_CD4\_TCELL\_UP  
GSE16697\_CD4\_TCELL\_VS\_TFH\_CD4\_TCELL\_DN, GSE16697\_CD4\_TCELL\_VS\_TFH\_CD4\_TCELL\_DN  
GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TREG\_UP, GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TREG\_UP  
GSE20715\_WT\_VS\_TLR4\_KO\_LUNG\_UP, GSE20715\_WT\_VS\_TLR4\_KO\_LUNG\_UP  
GSE19512\_NAUTRAL\_VS\_INDUCED\_TREG\_DN, GSE19512\_NAUTRAL\_VS\_INDUCED\_TREG\_DN  
GO\_PROTEIN\_LOCALIZATION\_TO\_CELL\_PERIPHERY, GO\_PROTEIN\_LOCALIZATION\_TO\_CELL\_PERIPHERY  
MORI\_PRE\_BI\_LYMPHOCYTE\_DN, MORI\_PRE\_BI\_LYMPHOCYTE\_DN  
GSE5503\_LIVER\_DC\_VS\_PLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_UP, GSE5503\_LIVER\_DC\_VS\_PLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_UP  
GSE37605\_FOXP3\_FUSION\_GFP\_VS\_IRES\_GFP\_TREG\_NOD\_DN, GSE37605\_FOXP3\_FUSION\_GFP\_VS\_IRES\_GFP\_TREG\_NOD\_DN  
GSE30971\_2H\_VS\_4H\_LPS\_STIM\_MACROPHAGE\_WBP7\_KO\_UP, GSE30971\_2H\_VS\_4H\_LPS\_STIM\_MACROPHAGE\_WBP7\_KO\_UP  
GSE40274\_CTRL\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_CTRL\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
CCTNTMAGA\_UNKNOWN, CCTNTMAGA\_UNKNOWN  
REACTOME\_SIGNALING\_BY\_ILS, REACTOME\_SIGNALING\_BY\_ILS  
REACTOME\_IMMUNOREGULATORY\_INTERACTIONS\_BETWEEN\_A\_LYMPHOID\_AND\_A\_NON\_LYMPHOID\_CELL, REACTOME\_IMMUNOREGULATORY\_INTERACTIONS\_BETWEEN\_A\_LYMPHOID\_AND\_A\_NON\_LYMPHOID\_CELL  
GO\_PROTEIN\_K63\_LINKED\_UBIQUITINATION, GO\_PROTEIN\_K63\_LINKED\_UBIQUITINATION  
REACTOME\_INTEGRIN\_CELL\_SURFACE\_INTERACTIONS, REACTOME\_INTEGRIN\_CELL\_SURFACE\_INTERACTIONS  
GSE15930\_NAIVE\_VS\_48H\_IN\_VITRO\_STIM\_CD8\_TCELL\_UP, GSE15930\_NAIVE\_VS\_48H\_IN\_VITRO\_STIM\_CD8\_TCELL\_UP  
GO\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_PLASMA\_MEMBRANE, GO\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_PLASMA\_MEMBRANE  
REACTOME\_CELL\_SURFACE\_INTERACTIONS\_AT\_THE\_VASCULAR\_WALL, REACTOME\_CELL\_SURFACE\_INTERACTIONS\_AT\_THE\_VASCULAR\_WALL  
GSE19941\_UNSTIM\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_NFKBP50\_KO\_MACROPHAGE\_UP, GSE19941\_UNSTIM\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_NFKBP50\_KO\_MACROPHAGE\_UP  
GSE21927\_SPLEEN\_VS\_TUMOR\_MONOCYTE\_BALBC\_UP, GSE21927\_SPLEEN\_VS\_TUMOR\_MONOCYTE\_BALBC\_UP  
ARP1\_01, ARP1\_01  
BIOCARTA\_LYM\_PATHWAY, BIOCARTA\_LYM\_PATHWAY  
GO\_SIGNALING\_ADAPTOR\_ACTIVITY, GO\_SIGNALING\_ADAPTOR\_ACTIVITY  
REACTOME\_PD1\_SIGNALING, REACTOME\_PD1\_SIGNALING  
TAXCREB\_02, TAXCREB\_02  
GSE13522\_WT\_VS\_IFNG\_KO\_SKING\_T\_CRUZI\_Y\_STRAIN\_INF\_DN, GSE13522\_WT\_VS\_IFNG\_KO\_SKING\_T\_CRUZI\_Y\_STRAIN\_INF\_DN  
GSE34156\_UNTREATED\_VS\_24H\_NOD2\_LIGAND\_TREATED\_MONOCYTE\_UP, GSE34156\_UNTREATED\_VS\_24H\_NOD2\_LIGAND\_TREATED\_MONOCYTE\_UP  
GSE17974\_0H\_VS\_0.5H\_IN\_VITRO\_ACT\_CD4\_TCELL\_UP, GSE17974\_0H\_VS\_0.5H\_IN\_VITRO\_ACT\_CD4\_TCELL\_UP