

**L10\_STIM\_IL10\_KO\_MACROPHAGE\_10MIN\_DN, GSE9509\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_10MIN\_DN**

GSE7509\_DC\_VS\_MONOCYTE\_WITH\_FCGRIIB\_STIM\_UP, GSE7509\_DC\_VS\_MONOCYTE\_WITH\_FCGRIIB\_STIM\_UP  
GSE7852\_LN\_VS\_FAT\_TREG\_UP, GSE7852\_LN\_VS\_FAT\_TREG\_UP  
GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4HIGH\_BCELL\_UP, GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4HIGH\_BCELL\_UP  
GSE46606\_IRF4MID\_VS\_WT\_CD40L\_IL2\_IL5\_DAY3\_STIMULATED\_BCELL\_DN, GSE46606\_IRF4MID\_VS\_WT\_CD40L\_IL2\_IL5\_DAY3\_STIMULATED\_BCELL\_DN  
GSE6674\_ANTI\_IGM\_VS\_PL2\_3\_STIM\_BCELL\_UP, GSE6674\_ANTI\_IGM\_VS\_PL2\_3\_STIM\_BCELL\_UP  
GSE3720\_VD1\_VS\_VD2\_GAMMADELTA\_TCELL\_WITH\_PMA\_STIM\_DN, GSE3720\_VD1\_VS\_VD2\_GAMMADELTA\_TCELL\_WITH\_PMA\_STIM\_DN  
GSE22935\_UNSTIM\_VS\_12H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_UP, GSE22935\_UNSTIM\_VS\_12H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_UP  
GSE17721\_12H\_VS\_24H\_POLYIC\_BMDC\_DN, GSE17721\_12H\_VS\_24H\_POLYIC\_BMDC\_DN  
GSE7831\_CPG\_VS\_INFLUENZA\_STIM\_PDC\_1H\_UP, GSE7831\_CPG\_VS\_INFLUENZA\_STIM\_PDC\_1H\_UP  
GSE411\_100MIN\_VS\_400MIN\_IL6\_STIM\_SOCS3\_KO\_MACROPHAGE\_DN, GSE411\_100MIN\_VS\_400MIN\_IL6\_STIM\_SOCS3\_KO\_MACROPHAGE\_DN  
GSE36891\_UNSTIM\_VS\_PAM\_TLR2\_STIM\_PERITONEAL\_MACROPHAGE\_UP, GSE36891\_UNSTIM\_VS\_PAM\_TLR2\_STIM\_PERITONEAL\_MACROPHAGE\_UP  
GSE9601\_NFKB\_INHIBITOR\_VS\_PI3K\_INHIBITOR\_TREATED\_HCMV\_INF\_MONOCYTE\_UP, GSE9601\_NFKB\_INHIBITOR\_VS\_PI3K\_INHIBITOR\_TREATED\_HCMV\_INF\_MONOCYTE\_UP  
GSE5503\_LIVER\_DC\_VS\_MLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN, GSE5503\_LIVER\_DC\_VS\_MLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN  
GSE2770\_IL12\_ACT\_VS\_ACT\_CD4\_TCELL\_48H\_UP, GSE2770\_IL12\_ACT\_VS\_ACT\_CD4\_TCELL\_48H\_UP  
GSE41176\_UNSTIM\_VS\_ANTI\_IGM\_STIM\_BCELL\_3H\_DN, GSE41176\_UNSTIM\_VS\_ANTI\_IGM\_STIM\_BCELL\_3H\_DN  
GSE16522\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_UP, GSE16522\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_UP  
GSE25123\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_UP, GSE25123\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_UP  
SCHERER\_PBMCMC\_APSV\_WETVAX\_AGE\_18\_32YO\_50\_TO\_60DY\_DN, SCHERER\_PBMCMC\_APSV\_WETVAX\_AGE\_18\_32YO\_50\_TO\_60DY\_DN  
GSE10273\_HIGH\_VS\_LOW\_IL7\_TREATED\_IRF4\_8\_NULL\_PRE\_BCELL\_DN, GSE10273\_HIGH\_VS\_LOW\_IL7\_TREATED\_IRF4\_8\_NULL\_PRE\_BCELL\_DN  
GSE27859\_MACROPHAGE\_VS\_CD11C\_INT\_F480\_HI\_MACROPHAGE\_DN, GSE27859\_MACROPHAGE\_VS\_CD11C\_INT\_F480\_HI\_MACROPHAGE\_DN  
GSE18281\_SUBCAPSULAR\_VS\_PERIMEDULLARY\_CORTICAL\_REGION\_OF\_THYMUS\_UP, GSE18281\_SUBCAPSULAR\_VS\_PERIMEDULLARY\_CORTICAL\_REGION\_OF\_THYMUS\_UP  
GSE7852\_THYMUS\_VS\_FAT\_TCONV\_UP, GSE7852\_THYMUS\_VS\_FAT\_TCONV\_UP  
GSE32034\_LY6C\_HIGH\_VS\_LOW\_MONOCYTE\_DN, GSE32034\_LY6C\_HIGH\_VS\_LOW\_MONOCYTE\_DN  
GSE12198\_CTRL\_VS\_LOW\_IL2\_STIM\_NK\_CELL\_UP, GSE12198\_CTRL\_VS\_LOW\_IL2\_STIM\_NK\_CELL\_UP  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_GATA1\_TRANSNUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_GATA1\_TRANSNUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE3039\_ALPHAALPHA\_VS\_ALPHABETA\_CD8\_TCELL\_DN, GSE3039\_ALPHAALPHA\_VS\_ALPHABETA\_CD8\_TCELL\_DN  
GSE411\_UNSTIM\_VS\_100MIN\_IL6\_STIM\_MACROPHAGE\_DN, GSE411\_UNSTIM\_VS\_100MIN\_IL6\_STIM\_MACROPHAGE\_DN  
GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_2H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_2H\_BMDC\_DN  
GSE36392\_MAC\_VS\_NEUTROPHIL\_IL25\_TREATED\_LUNG\_UP, GSE36392\_MAC\_VS\_NEUTROPHIL\_IL25\_TREATED\_LUNG\_UP  
GSE15930\_STIM\_VS\_STIM\_AND\_TRICHOSTATINA\_72H\_CD8\_T\_CELL\_UP, GSE15930\_STIM\_VS\_STIM\_AND\_TRICHOSTATINA\_72H\_CD8\_T\_CELL\_UP  
GSE17721\_CTRL\_VS\_GARDIQUIMOD\_24H\_BMDC\_UP, GSE17721\_CTRL\_VS\_GARDIQUIMOD\_24H\_BMDC\_UP  
GSE12003\_MIR223\_KO\_VS\_WT\_BM\_PROGENITOR\_4D\_CULTURE\_UP, GSE12003\_MIR223\_KO\_VS\_WT\_BM\_PROGENITOR\_4D\_CULTURE\_UP  
GSE15659\_CD45RA\_NEG\_CD4\_TCELL\_VS\_NONSUPPRESSIVE\_TCELL\_DN, GSE15659\_CD45RA\_NEG\_CD4\_TCELL\_VS\_NONSUPPRESSIVE\_TCELL\_DN  
GSE17721\_CTRL\_VS\_CPG\_8H\_BMDC\_UP, GSE17721\_CTRL\_VS\_CPG\_8H\_BMDC\_UP  
GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TEFF\_UP, GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TEFF\_UP  
GSE1460\_DP\_THYMOCYTE\_VS\_THYMIC\_STROMAL\_CELL\_UP, GSE1460\_DP\_THYMOCYTE\_VS\_THYMIC\_STROMAL\_CELL\_UP  
GSE17301\_CTRL\_VS\_48H\_IFNA2\_STIM\_CD8\_TCELL\_DN, GSE17301\_CTRL\_VS\_48H\_IFNA2\_STIM\_CD8\_TCELL\_DN  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_PBX1\_TRANSNUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_PBX1\_TRANSNUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE17721\_CTRL\_VS\_POLYIC\_0.5H\_BMDC\_UP, GSE17721\_CTRL\_VS\_POLYIC\_0.5H\_BMDC\_UP  
GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_42H\_UP, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_42H\_UP  
GSE40274\_SATB1\_VS\_FOXP3\_AND\_SATB1\_TRANSNUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_SATB1\_VS\_FOXP3\_AND\_SATB1\_TRANSNUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4\_KO\_BCELL\_DN, GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4\_KO\_BCELL\_DN  
GSE26890\_CXCR1\_NEG\_VS\_POS\_EFFECTOR\_CD8\_TCELL\_DN, GSE26890\_CXCR1\_NEG\_VS\_POS\_EFFECTOR\_CD8\_TCELL\_DN  
GSE4142\_NAIVE\_BCELL\_VS\_PLASMA\_CELL\_DN, GSE4142\_NAIVE\_BCELL\_VS\_PLASMA\_CELL\_DN  
GSE339\_CD4POS\_VS\_CD8POS\_DC\_UP, GSE339\_CD4POS\_VS\_CD8POS\_DC\_UP  
GSE33425\_CD161\_HIGH\_VS\_NEG\_CD8\_TCELL\_UP, GSE33425\_CD161\_HIGH\_VS\_NEG\_CD8\_TCELL\_UP  
GSE15659\_NAIVE\_CD4\_TCELL\_VS\_NONSUPPRESSIVE\_TCELL\_DN, GSE15659\_NAIVE\_CD4\_TCELL\_VS\_NONSUPPRESSIVE\_TCELL\_DN  
GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_2H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_2H\_BMDC\_UP  
GSE37319\_WT\_VS\_RC3H1\_KO\_CD44LOW\_CD8\_TCELL\_UP, GSE37319\_WT\_VS\_RC3H1\_KO\_CD44LOW\_CD8\_TCELL\_UP  
GSE12963\_UNINF\_VS\_ENV\_AND\_NEF\_AND\_VPR\_DEFICIENT\_HIV1\_INF\_CD4\_TCELL\_UP, GSE12963\_UNINF\_VS\_ENV\_AND\_NEF\_AND\_VPR\_DEFICIENT\_HIV1\_INF\_CD4\_TCELL\_UP  
CAO\_BLOOD\_FLUMIST\_AGE\_05\_14YO\_7DY\_DN, CAO\_BLOOD\_FLUMIST\_AGE\_05\_14YO\_7DY\_DN