

**IL10\_STIM\_IL10\_KO\_MACROPHAGE\_10MIN\_DN, GSE9509\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_10MIN\_DN**

GSE22935\_UNSTIM\_VS\_12H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_UP, GSE22935\_UNSTIM\_VS\_12H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_UP  
GSE5503\_LIVER\_DC\_VS\_MLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN, GSE5503\_LIVER\_DC\_VS\_MLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN  
GSE46606\_IRF4MID\_VS\_WT\_CD40L\_IL2\_IL5\_DAY3\_STIMULATED\_BCELL\_DN, GSE46606\_IRF4MID\_VS\_WT\_CD40L\_IL2\_IL5\_DAY3\_STIMULATED\_BCELL\_DN  
GSE19923\_HEB\_KO\_VS\_HEB\_AND\_E2A\_KO\_DP\_THYMOCYTE\_UP, GSE19923\_HEB\_KO\_VS\_HEB\_AND\_E2A\_KO\_DP\_THYMOCYTE\_UP  
GSE6269\_HEALTHY\_VS\_STAPH\_PNEUMO\_INF\_PBMC\_UP, GSE6269\_HEALTHY\_VS\_STAPH\_PNEUMO\_INF\_PBMC\_UP  
GSE12198\_CTRL\_VS\_LOW\_IL2\_STIM\_NK\_CELL\_UP, GSE12198\_CTRL\_VS\_LOW\_IL2\_STIM\_NK\_CELL\_UP  
GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_COMMON\_LYMPHOID\_PROGENITOR\_UP, GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_COMMON\_LYMPHOID\_PROGENITOR\_UP  
GSE10273\_HIGH\_VS\_LOW\_IL7\_TREATED\_IRF4\_8\_NULL\_PRE\_BCELL\_DN, GSE10273\_HIGH\_VS\_LOW\_IL7\_TREATED\_IRF4\_8\_NULL\_PRE\_BCELL\_DN  
GSE15930\_STIM\_VS\_STIM\_AND\_IL-12\_48H\_CD8\_T\_CELL\_UP, GSE15930\_STIM\_VS\_STIM\_AND\_IL-12\_48H\_CD8\_T\_CELL\_UP  
GSE41867\_DAY6\_VS\_DAY15\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_DN, GSE41867\_DAY6\_VS\_DAY15\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_DN  
GSE339\_CD4POS\_VS\_CD8POS\_DC\_UP, GSE339\_CD4POS\_VS\_CD8POS\_DC\_UP  
GSE17721\_CTRL\_VS\_POLYIC\_0.5H\_BMDC\_UP, GSE17721\_CTRL\_VS\_POLYIC\_0.5H\_BMDC\_UP  
GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP, GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP  
GSE23568\_ID3\_TRANSDUCED\_VS\_ID3\_KO\_CD8\_TCELL\_UP, GSE23568\_ID3\_TRANSDUCED\_VS\_ID3\_KO\_CD8\_TCELL\_UP  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GO\_SWI\_SNF\_SUPERFAMILY\_TYPE\_COMPLEX, GO\_SWI\_SNF\_SUPERFAMILY\_TYPE\_COMPLEX  
GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_4H\_ACT\_CD4\_TCELL\_UP, GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_4H\_ACT\_CD4\_TCELL\_UP  
GSE44649\_NAIVE\_VS\_ACTIVATED\_CD8\_TCELL\_UP, GSE44649\_NAIVE\_VS\_ACTIVATED\_CD8\_TCELL\_UP  
GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TEFF\_UP, GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TEFF\_UP  
GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_20H\_UP, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_20H\_UP  
JAZAG\_TGFB1\_SIGNALING\_DN, JAZAG\_TGFB1\_SIGNALING\_DN  
MORF\_BNIP1, MORF\_BNIP1  
ZHAN\_MULTIPLE\_MYELOMA\_CD1\_VS\_CD2\_UP, ZHAN\_MULTIPLE\_MYELOMA\_CD1\_VS\_CD2\_UP  
GO\_RETROGRADE\_TRANSPORT\_ENDOSOME\_TO\_PLASMA\_MEMBRANE, GO\_RETROGRADE\_TRANSPORT\_ENDOSOME\_TO\_PLASMA\_MEMBRANE  
PID\_PS1\_PATHWAY, PID\_PS1\_PATHWAY  
ESC\_J1\_UP\_EARLY.V1\_UP, ESC\_J1\_UP\_EARLY.V1\_UP  
GO\_RECEPTOR\_CLUSTERING, GO\_RECEPTOR\_CLUSTERING  
BIOCARTA\_EPO\_PATHWAY, BIOCARTA\_EPO\_PATHWAY  
MORF\_ESR1, MORF\_ESR1  
XU\_RESPONSE\_TO\_TRETINOIN\_AND\_NSC682994\_UP, XU\_RESPONSE\_TO\_TRETINOIN\_AND\_NSC682994\_UP  
GO\_RESPONSE\_TO\_EXOGENOUS\_DSRNA, GO\_RESPONSE\_TO\_EXOGENOUS\_DSRNA  
REACTOME\_REGULATION\_OF\_IFNA\_SIGNALING, REACTOME\_REGULATION\_OF\_IFNA\_SIGNALING  
GO\_AMMONIUM\_TRANSPORT, GO\_AMMONIUM\_TRANSPORT  
GO\_PROTEIN\_TYROSINE\_KINASE\_ACTIVITY, GO\_PROTEIN\_TYROSINE\_KINASE\_ACTIVITY  
REACTOME\_IL\_3\_5\_AND\_GM\_CSF\_SIGNALING, REACTOME\_IL\_3\_5\_AND\_GM\_CSF\_SIGNALING