

L10\_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  
GSE35685\_CD34POS\_CD10NEG\_CD62LPOS\_VS\_CD34POS\_CD10POS\_BONE\_MARROW\_UP, GSE35685\_CD34POS\_CD10NEG\_CD62LPOS\_VS\_CD34POS\_C  
GSE7852\_LN\_VS\_FAT\_TREG\_UP, GSE7852\_LN\_VS\_FAT\_TREG\_UP  
GSE6269\_HEALTHY\_VS\_STAPH\_PNEUMO\_INF\_PBMCMC\_UP, GSE6269\_HEALTHY\_VS\_STAPH\_PNEUMO\_INF\_PBMCMC\_UP  
GSE5463\_CTRL\_VS\_DEXAMETHASONE\_TREATED\_THYMOCYTE\_UP, GSE5463\_CTRL\_VS\_DEXAMETHASONE\_TREATED\_THYMOCYTE\_UP  
GSE5503\_LIVER\_DC\_VS\_MLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN, GSE5503\_LIVER\_DC\_VS\_MLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN  
GSE9650\_EFFECTOR\_VS\_EXHAUSTED\_CD8\_TCELL\_UP, GSE9650\_EFFECTOR\_VS\_EXHAUSTED\_CD8\_TCELL\_UP  
GSE7831\_CPG\_VS\_INFLUENZA\_STIM\_PDC\_1H\_UP, GSE7831\_CPG\_VS\_INFLUENZA\_STIM\_PDC\_1H\_UP  
GSE13484\_12H\_VS\_3H\_YF17D\_VACCINE\_STIM\_PBMCMC\_UP, GSE13484\_12H\_VS\_3H\_YF17D\_VACCINE\_STIM\_PBMCMC\_UP  
GSE15930\_STIM\_VS\_STIM\_AND\_IL-12\_48H\_CD8\_T\_CELL\_UP, GSE15930\_STIM\_VS\_STIM\_AND\_IL-12\_48H\_CD8\_T\_CELL\_UP  
GSE12198\_CTRL\_VS\_LOW\_IL2\_STIM\_NK\_CELL\_UP, GSE12198\_CTRL\_VS\_LOW\_IL2\_STIM\_NK\_CELL\_UP  
GSE41867\_DAY6\_VS\_DAY15\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_DN, GSE41867\_DAY6\_VS\_DAY15\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_T  
GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_COMMON\_LYMPHOID\_PROGENITOR\_UP, GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_COMMON\_L  
GSE19923\_HEB\_KO\_VS\_HEB\_AND\_E2A\_KO\_DP\_THYMOCYTE\_UP, GSE19923\_HEB\_KO\_VS\_HEB\_AND\_E2A\_KO\_DP\_THYMOCYTE\_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  
GSE32034\_LY6C\_HIGH\_VS\_LOW\_ROSIGLIZATONE\_TREATED\_MONOCYTE\_UP, GSE32034\_LY6C\_HIGH\_VS\_LOW\_ROSIGLIZATONE\_TREATED\_MON  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_PBX1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_PBX1\_TRANSDUCED\_AC  
GSE3720\_VD1\_VS\_VD2\_GAMMADELTA\_TCELL\_WITH\_PMA\_STIM\_DN, GSE3720\_VD1\_VS\_VD2\_GAMMADELTA\_TCELL\_WITH\_PMA\_STIM\_DN  
GSE15330\_HSC\_VS\_LYMPHOID\_PRIMED\_MULTIPOTENT\_PROGENITOR\_IKAROS\_KO\_UP, GSE15330\_HSC\_VS\_LYMPHOID\_PRIMED\_MULTIPOTENT  
GSE339\_CD4POS\_VS\_CD8POS\_DC\_UP, GSE339\_CD4POS\_VS\_CD8POS\_DC\_UP  
GSE20715\_WT\_VS\_TLR4\_KO\_24H\_OZONE\_LUNG\_DN, GSE20715\_WT\_VS\_TLR4\_KO\_24H\_OZONE\_LUNG\_DN  
GSE1460\_DP\_THYMOCYTE\_VS\_THYMIC\_STROMAL\_CELL\_UP, GSE1460\_DP\_THYMOCYTE\_VS\_THYMIC\_STROMAL\_CELL\_UP  
GSE43955\_TGFB\_IL6\_VS\_TGFB\_IL6\_IL23\_TH17\_ACT\_CD4\_TCELL\_60H\_UP, GSE43955\_TGFB\_IL6\_VS\_TGFB\_IL6\_IL23\_TH17\_ACT\_CD4\_TCELL\_60H\_UP  
GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_4H\_ACT\_CD4\_TCELL\_UP, GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_4H\_ACT\_CD4\_TCELL  
GSE33162\_HDAC3\_KO\_VS\_HDAC3\_KO\_MACROPHAGE\_UP, GSE33162\_HDAC3\_KO\_VS\_HDAC3\_KO\_MACROPHAGE\_UP  
MORF\_RFC5, MORF\_RFC5  
GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TEFF\_UP, GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TEFF\_UP  
GSE3039\_ALPHAALPHA\_VS\_ALPHABETA\_CD8\_TCELL\_DN, GSE3039\_ALPHAALPHA\_VS\_ALPHABETA\_CD8\_TCELL\_DN  
BIOCARTA\_IL2RB\_PATHWAY, BIOCARTA\_IL2RB\_PATHWAY  
REACTOME\_DOWNREGULATION\_OF\_SMAD2\_3\_SMAD4\_TRANSCRIPTIONAL\_ACTIVITY, REACTOME\_DOWNREGULATION\_OF\_SMAD2\_3\_SMAD4  
MYAATNNNNNNNNGGC\_UNKNOWN, MYAATNNNNNNNNGGC\_UNKNOWN  
GSE360\_T\_GONDII\_VS\_M\_TUBERCULOSIS\_DC\_UP, GSE360\_T\_GONDII\_VS\_M\_TUBERCULOSIS\_DC\_UP  
BIOCARTA\_IL22BP\_PATHWAY, BIOCARTA\_IL22BP\_PATHWAY  
GSE3982\_EFF\_MEMORY\_CD4\_TCELL\_VS\_TH2\_UP, GSE3982\_EFF\_MEMORY\_CD4\_TCELL\_VS\_TH2\_UP  
chr10q22, chr10q22  
GSE16522\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_DN, GSE16522\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_DN  
chr2q35, chr2q35  
SOTIRIOU\_BREAST\_CANCER\_GRADE\_1\_VS\_3\_DN, SOTIRIOU\_BREAST\_CANCER\_GRADE\_1\_VS\_3\_DN  
YAO\_TEMPORAL\_RESPONSE\_TO\_PROGESTERONE\_CLUSTER\_12, YAO\_TEMPORAL\_RESPONSE\_TO\_PROGESTERONE\_CLUSTER\_12  
GO\_RETROGRADE\_TRANSPORT\_ENDOSOME\_TO\_PLASMA\_MEMBRANE, GO\_RETROGRADE\_TRANSPORT\_ENDOSOME\_TO\_PLASMA\_MEMBRANE  
GO\_TRANSFORMING\_GROWTH\_FACTOR\_BETA\_RECEPTOR\_SIGNALING\_PATHWAY, GO\_TRANSFORMING\_GROWTH\_FACTOR\_BETA\_RECEPTOR  
GO\_ACROSOME\_REACTION, GO\_ACROSOME\_REACTION  
OXFORD\_RALA\_OR\_RALB\_TARGETS\_DN, OXFORD\_RALA\_OR\_RALB\_TARGETS\_DN  
PID\_PS1\_PATHWAY, PID\_PS1\_PATHWAY  
GO\_AMINO\_SUGAR\_METABOLIC\_PROCESS, GO\_AMINO\_SUGAR\_METABOLIC\_PROCESS  
GO\_REGULATION\_OF\_TYPE\_I\_INTERFERON\_MEDIATED\_SIGNALING\_PATHWAY, GO\_REGULATION\_OF\_TYPE\_I\_INTERFERON\_MEDIATED\_SIG  
REACTOME\_IL\_3\_5\_AND\_GM\_CSF\_SIGNALING, REACTOME\_IL\_3\_5\_AND\_GM\_CSF\_SIGNALING  
MODULE\_334, MODULE\_334  
GO\_AMINO\_SUGAR\_CATABOLIC\_PROCESS, GO\_AMINO\_SUGAR\_CATABOLIC\_PROCESS  
PID\_IL3\_PATHWAY, PID\_IL3\_PATHWAY  
PID\_REG\_GR\_PATHWAY, PID\_REG\_GR\_PATHWAY  
GO\_RECEPTOR\_CLUSTERING, GO\_RECEPTOR\_CLUSTERING  
REACTOME\_REGULATION\_OF\_IFNA\_SIGNALING, REACTOME\_REGULATION\_OF\_IFNA\_SIGNALING  
GO\_POSITIVE\_REGULATION\_OF\_B\_CELL\_DIFFERENTIATION, GO\_POSITIVE\_REGULATION\_OF\_B\_CELL\_DIFFERENTIATION  
REACTOME\_TRAF6\_MEDIATED\_IRF7\_ACTIVATION, REACTOME\_TRAF6\_MEDIATED\_IRF7\_ACTIVATION  
MORF\_STK17A, MORF\_STK17A  
GO\_INTRACELLULAR\_LIPID\_TRANSPORT, GO\_INTRACELLULAR\_LIPID\_TRANSPORT