

GSE14769\_UNSTIM\_VS\_120MIN\_LPS\_BMDM\_UP, GSE14769\_UNSTIM\_VS\_120MIN\_LPS\_BMDM\_UP  
GSE17721\_LPS\_VS\_POLYIC\_2H\_BMDC\_DN, GSE17721\_LPS\_VS\_POLYIC\_2H\_BMDC\_DN  
GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_2H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_2H\_BMDC\_DN  
GSE17721\_POLYIC\_VS\_CPG\_2H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_CPG\_2H\_BMDC\_UP  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_2H\_BMDC\_DN, GSE17721\_CPG\_VS\_GARDIQUIMOD\_2H\_BMDC\_DN  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_24H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_PAM3CSK4\_24H\_BMDC\_UP  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_4H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_PAM3CSK4\_4H\_BMDC\_UP  
GSE17721\_CTRL\_VS\_CPG\_2H\_BMDC\_UP, GSE17721\_CTRL\_VS\_CPG\_2H\_BMDC\_UP  
GSE15330\_HSC\_VS\_LYMPHOID\_PRIMED\_MULTIPOTENT\_PROGENITOR\_IKAROS\_KO\_DN, GSE15330\_HSC\_VS\_LYMPHOID\_PRIMED\_MULTIPOTENT\_PROGENITOR\_IKAROS\_KO\_DN  
GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_2H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_2H\_BMDC\_UP  
GSE17721\_LPS\_VS\_POLYIC\_1H\_BMDC\_DN, GSE17721\_LPS\_VS\_POLYIC\_1H\_BMDC\_DN  
GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_4H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_4H\_BMDC\_UP  
GSE17721\_POLYIC\_VS\_CPG\_16H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_CPG\_16H\_BMDC\_UP  
GSE17721\_CTRL\_VS\_PAM3CSK4\_24H\_BMDC\_UP, GSE17721\_CTRL\_VS\_PAM3CSK4\_24H\_BMDC\_UP  
GSE15330\_HSC\_VS GRANULOCYTE\_MONOCYTE\_PROGENITOR\_DN, GSE15330\_HSC\_VS GRANULOCYTE\_MONOCYTE\_PROGENITOR\_DN  
GSE17721\_POLYIC\_VS\_CPG\_8H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_CPG\_8H\_BMDC\_UP  
GSE20715\_WT\_VS\_TLR4\_KO\_6H\_OZONE\_LUNG\_DN, GSE20715\_WT\_VS\_TLR4\_KO\_6H\_OZONE\_LUNG\_DN  
GSE17721\_LPS\_VS\_CPG\_4H\_BMDC\_UP, GSE17721\_LPS\_VS\_CPG\_4H\_BMDC\_UP  
GSE5589\_LPS\_AND\_IL10\_VS\_LPS\_AND\_IL6\_STIM\_IL6\_KO\_MACROPHAGE\_45MIN\_UP, GSE5589\_LPS\_AND\_IL10\_VS\_LPS\_AND\_IL6\_STIM\_IL6\_KO\_MACROPHAGE\_45MIN\_UP  
KEGG\_UBIQUITIN\_MEDIATED\_PROTEOLYSIS, KEGG\_UBIQUITIN\_MEDIATED\_PROTEOLYSIS  
E2F1\_UP.V1\_DN, E2F1\_UP.V1\_DN  
GSE17721\_POLYIC\_VS\_CPG\_24H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_CPG\_24H\_BMDC\_UP  
GSE19888\_ADENOSINE\_A3R\_INH\_PRETREAT\_AND\_ACT\_BY\_A3R\_VS\_TCELL\_MEMBRANES\_ACT\_MAST\_CELL\_UP, GSE19888\_ADENOSINE\_A3R\_INH\_PRETREAT\_AND\_ACT\_BY\_A3R\_VS\_TCELL\_MEMBRANES\_ACT\_MAST\_CELL\_UP  
GSE1460\_CD4\_THYMOCYTE\_VS\_THYMIC\_STROMAL\_CELL\_UP, GSE1460\_CD4\_THYMOCYTE\_VS\_THYMIC\_STROMAL\_CELL\_UP  
GSE36527\_CD62L\_HIGH\_CD69\_NEG\_VS\_CD62L\_LOW\_CD69\_POS\_TREG\_KLRG1\_NEG\_UP, GSE36527\_CD62L\_HIGH\_CD69\_NEG\_VS\_CD62L\_LOW\_CD69\_POS\_TREG\_KLRG1\_NEG\_UP  
MIR629\_3P, MIR629\_3P  
GSE360\_L\_DONOVANI\_VS\_B\_MALAYI\_HIGH\_DOSE\_DC\_UP, GSE360\_L\_DONOVANI\_VS\_B\_MALAYI\_HIGH\_DOSE\_DC\_UP  
GSE17721\_LPS\_VS\_PAM3CSK4\_2H\_BMDC\_UP, GSE17721\_LPS\_VS\_PAM3CSK4\_2H\_BMDC\_UP  
MIR1207\_3P, MIR1207\_3P  
GSE41867\_DAY15\_EFFECTOR\_VS\_DAY30\_MEMORY\_CD8\_TCELL\_LCMV\_ARMSTRONG\_UP, GSE41867\_DAY15\_EFFECTOR\_VS\_DAY30\_MEMORY\_CD8\_TCELL\_LCMV\_ARMSTRONG\_UP  
MIR4292, MIR4292  
GSE17721\_PAM3CSK4\_VS\_CPG\_4H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_CPG\_4H\_BMDC\_DN  
GSE17721\_PAM3CSK4\_VS\_CPG\_2H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_CPG\_2H\_BMDC\_DN  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_4H\_BMDC\_UP, GSE17721\_CPG\_VS\_GARDIQUIMOD\_4H\_BMDC\_UP  
REACTOME\_REGULATION\_OF\_LIPID\_METABOLISM\_BY\_PPARALPHA, REACTOME\_REGULATION\_OF\_LIPID\_METABOLISM\_BY\_PPARALPHA  
MIR3191\_5P, MIR3191\_5P  
MIR29B\_1\_5P, MIR29B\_1\_5P  
GSE22589\_HEALTHY\_VS\_HIV\_INFECTED\_DC\_DN, GSE22589\_HEALTHY\_VS\_HIV\_INFECTED\_DC\_DN  
GSE17721\_LPS\_VS\_PAM3CSK4\_2H\_BMDC\_DN, GSE17721\_LPS\_VS\_PAM3CSK4\_2H\_BMDC\_DN  
MIR4308, MIR4308  
GSE21927\_SPLENIC\_VS\_TUMOR\_MONOCYTES\_FROM\_C26GM\_TUMOROUS\_MICE\_BALBC\_UP, GSE21927\_SPLENIC\_VS\_TUMOR\_MONOCYTES\_FROM\_C26GM\_TUMOROUS\_MICE\_BALBC\_UP  
MIR3156\_3P, MIR3156\_3P  
GOCC\_MEDIATOR\_COMPLEX, GOCC\_MEDIATOR\_COMPLEX  
NRL\_DN.V1\_UP, NRL\_DN.V1\_UP  
GSE13547\_CTRL\_VS\_ANTI\_IGM\_STIM\_BCELL\_2H\_DN, GSE13547\_CTRL\_VS\_ANTI\_IGM\_STIM\_BCELL\_2H\_DN  
TRAVAGLINI\_LUNG\_IGSF21\_DENDRITIC\_CELL, TRAVAGLINI\_LUNG\_IGSF21\_DENDRITIC\_CELL  
MIR484, MIR484  
MIR4290, MIR4290  
KENNY\_CTNNB1\_TARGETS\_DN, KENNY\_CTNNB1\_TARGETS\_DN  
BURTON\_ADIPOGENESIS\_12, BURTON\_ADIPOGENESIS\_12  
GOMF\_UBIQUITIN\_LIKE\_PROTEIN\_CONJUGATING\_ENZYME\_ACTIVITY, GOMF\_UBIQUITIN\_LIKE\_PROTEIN\_CONJUGATING\_ENZYME\_ACTIVITY  
GOMF\_LIGAND\_ACTIVATED\_TRANSCRIPTION\_FACTOR\_ACTIVITY, GOMF\_LIGAND\_ACTIVATED\_TRANSCRIPTION\_FACTOR\_ACTIVITY  
HP\_ABNORMALITY\_OF\_THE\_THYMUS, HP\_ABNORMALITY\_OF\_THE\_THYMUS  
GSE21063\_CTRL\_VS\_ANTI\_IGM\_STIM\_BCELL\_8H\_DN, GSE21063\_CTRL\_VS\_ANTI\_IGM\_STIM\_BCELL\_8H\_DN  
MODULE\_138, MODULE\_138  
GSE43863\_NAIVE\_VS\_TH1\_EFF\_CD4\_TCELL\_D6\_LCMV\_DN, GSE43863\_NAIVE\_VS\_TH1\_EFF\_CD4\_TCELL\_D6\_LCMV\_DN  
GOBP\_ALPHA\_LINOLENIC\_ACID\_METABOLIC\_PROCESS, GOBP\_ALPHA\_LINOLENIC\_ACID\_METABOLIC\_PROCESS  
REACTOME\_ALPHA\_LINOLENIC\_OMEGA3\_AND\_LINOLEIC\_OMEGA6\_ACID\_METABOLISM, REACTOME\_ALPHA\_LINOLENIC\_OMEGA3\_AND\_LINOLEIC\_OMEGA6\_ACID\_METABOLISM  
GOBP TRABECULA MORPHOGENESIS, GOBP TRABECULA MORPHOGENESIS  
TSENG\_ADIPOGENIC\_POTENTIAL\_DN, TSENG\_ADIPOGENIC\_POTENTIAL\_DN  
REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS, REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS  
CAR\_MLANA, CAR\_MLANA  
GOMF\_DEATH\_RECEPTOR\_BINDING, GOMF\_DEATH\_RECEPTOR\_BINDING  
ZNF354A\_TARGET\_GENES, ZNF354A\_TARGET\_GENES  
HP\_RETINAL\_PIGMENT\_EPITHELIAL\_MOTTILING, HP\_RETINAL\_PIGMENT\_EPITHELIAL\_MOTTILING  
GOBP\_NEGATIVE\_REGULATION\_OF\_MONONUCLEAR\_CELL\_MIGRATION, GOBP\_NEGATIVE\_REGULATION\_OF\_MONONUCLEAR\_CELL\_MIGRATION  
GOBP\_REGULATION\_OF\_B\_CELL\_DIFFERENTIATION, GOBP\_REGULATION\_OF\_B\_CELL\_DIFFERENTIATION  
CAR\_WBSCR22, CAR\_WBSCR22  
GOBP\_POSITIVE\_REGULATION\_OF\_B\_CELL\_DIFFERENTIATION, GOBP\_POSITIVE\_REGULATION\_OF\_B\_CELL\_DIFFERENTIATION  
WOTTON\_RUNX\_TARGETS\_UP, WOTTON\_RUNX\_TARGETS\_UP  
PARK\_OSTEOLAST\_DIFFERENTIATION\_BY\_PHENYLAMIL\_UP, PARK\_OSTEOLAST\_DIFFERENTIATION\_BY\_PHENYLAMIL\_UP  
GOBP\_MAMMARY\_GLAND\_DUCT\_MORPHOGENESIS, GOBP\_MAMMARY\_GLAND\_DUCT\_MORPHOGENESIS  
GOBP\_SMOOTH\_MUSCLE\_CELL\_APOPTOTIC\_PROCESS, GOBP\_SMOOTH\_MUSCLE\_CELL\_APOPTOTIC\_PROCESS  
GOBP\_NEGATIVE\_REGULATION\_OF\_FIBROBLAST\_GROWTH\_FACTOR\_PRODUCTION, GOBP\_NEGATIVE\_REGULATION\_OF\_FIBROBLAST\_GROWTH\_FACTOR\_PRODUCTION  
GOBP\_PURINE\_NUCLEOSIDE\_DIPHOSPHATE\_CATABOLIC\_PROCESS, GOBP\_PURINE\_NUCLEOSIDE\_DIPHOSPHATE\_CATABOLIC\_PROCESS  
GOCC\_POSTSYNAPTIC\_ENDOCYTIC\_ZONE\_MEMBRANE, GOCC\_POSTSYNAPTIC\_ENDOCYTIC\_ZONE\_MEMBRANE  
BLANCO\_MELO\_SARS\_COV\_1\_INFECTION\_MCR5\_CELLS\_DN, BLANCO\_MELO\_SARS\_COV\_1\_INFECTION\_MCR5\_CELLS\_DN  
GOBP\_CELL\_DIFFERENTIATION\_INVOLVED\_IN\_PHENOTYPIC\_SWITCHING, GOBP\_CELL\_DIFFERENTIATION\_INVOLVED\_IN\_PHENOTYPIC\_SWITCHING  
HP\_PREDOMINANTLY\_LOWER\_LIMB\_LYMPHEDEMA, HP\_PREDOMINANTLY\_LOWER\_LIMB\_LYMPHEDEMA  
DESCARTES\_MAIN\_FETAL\_VASCULAR\_ENDOTHELIAL\_CELLS, DESCARTES\_MAIN\_FETAL\_VASCULAR\_ENDOTHELIAL\_CELLS  
BIOCARTA\_ERBB3\_PATHWAY, BIOCARTA\_ERBB3\_PATHWAY  
GOBP\_MAMMARY\_GLAND\_BRANCHING\_INVOLVED\_IN\_PREGNANCY, GOBP\_MAMMARY\_GLAND\_BRANCHING\_INVOLVED\_IN\_PREGNANCY  
GOBP\_NEGATIVE\_REGULATION\_OF\_MONOCYTE\_CHEMOTAXIS, GOBP\_NEGATIVE\_REGULATION\_OF\_MONOCYTE\_CHEMOTAXIS  
GOBP\_REGULATION\_OF\_PHENOTYPIC\_SWITCHING, GOBP\_REGULATION\_OF\_PHENOTYPIC\_SWITCHING  
MODULE\_340, MODULE\_340  
GOBP\_NEGATIVE\_REGULATION\_OF\_VASCULAR\_ASSOCIATED\_SMOOTH\_MUSCLE\_CELL\_APOPTOTIC\_PROCESS, GOBP\_NEGATIVE\_REGULATION\_OF\_VASCULAR\_ASSOCIATED\_SMOOTH\_MUSCLE\_CELL\_APOPTOTIC\_PROCESS  
CERIBELLI\_GENES\_INACTIVE\_AND\_BOUND\_BY\_NFY, CERIBELLI\_GENES\_INACTIVE\_AND\_BOUND\_BY\_NFY