HP\_ABNORMALITY\_OF\_PERIPHERAL\_NERVOUS\_SYSTEM\_ELECTROPHYSIOLOGY, HP\_ABNORMALITY\_OF\_PERIPHERAL\_NERVOUS\_SYSTEM\_ELECTROPHYSIOLOGY HP\_ACTION\_TREMOR, HP\_ACTION\_TREMOR ACAACTT\_MIR382, ACAACTT\_MIR382 GSE21546 WT VS SAP1A KO AND ELK1 KO ANTI CD3 STIM DP THYMOCYTES UP, GSE21546 WT VS SAP1A KO AND ELK1 KO ANTI CD3 STIM DP THYMOCYTES UP MIR4701\_5P, MIR4701\_5P GSE29618\_PRE\_VS\_DAY7\_POST\_LAIV\_FLU\_VACCINE\_BCELL\_DN, GSE29618\_PRE\_VS\_DAY7\_POST\_LAIV\_FLU\_VACCINE\_BCELL\_DN MIR588, MIR588 HP\_FASCICULATIONS, HP\_FASCICULATIONS MIR4460, MIR4460 MIR6855 5P, MIR6855 5P GSE30971\_2H\_VS\_4H\_LPS\_STIM\_MACROPHAGE\_WBP7\_KO\_DN, GSE30971\_2H\_VS\_4H\_LPS\_STIM\_MACROPHAGE\_WBP7\_KO\_DN MIR6839\_3P, MIR6839\_3P LINDVALL\_IMMORTALIZED\_BY\_TERT\_UP, LINDVALL\_IMMORTALIZED\_BY\_TERT\_UP MIR3170, MIR3170 CCACACA\_MIR147, CCACACA\_MIR147 GOBP\_PROTEIN\_LOCALIZATION\_TO\_LYSOSOME, GOBP\_PROTEIN\_LOCALIZATION\_TO\_LYSOSOME GOBP\_SYNAPTIC\_VESICLE\_TRANSPORT, GOBP\_SYNAPTIC\_VESICLE\_TRANSPORT ZHONG\_PFC\_C7\_ORG\_UNDERGOING\_NEURONAL\_DIFFERENTIATION, ZHONG\_PFC\_C7\_ORG\_UNDERGOING\_NEURONAL\_DIFFERENTIATION GOBP\_SYNAPTIC\_VESICLE\_LOCALIZATION, GOBP\_SYNAPTIC\_VESICLE\_LOCALIZATION GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_BCELL\_UP, GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_BCELL\_UP MIR3672, MIR3672 GSE41867\_DAY8\_VS\_DAY15\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_UP, GSE41867\_DAY8\_VS\_DAY15\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_UP CHEBOTAEV\_GR\_TARGETS\_UP, CHEBOTAEV\_GR\_TARGETS\_UP GOBP\_DNA\_DEALKYLATION, GOBP\_DNA\_DEALKYLATION IL10\_STIM\_IL10\_KO\_MACROPHAGE\_45MIN\_UP, GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_45MIN\_UP MIR6864\_3P, MIR6864\_3P GOBP POSITIVE REGULATION OF PROTEIN ACETYLATION, GOBP POSITIVE REGULATION OF PROTEIN ACETYLATION GSE18281\_PERIMEDULLARY\_CORTICAL\_REGION\_VS\_WHOLE\_MEDULLA\_THYMUS\_DN, GSE18281\_PERIMEDULLARY\_CORTICAL\_REGION\_VS\_WHOLE\_MEDULLA\_THYMUS\_DN HP\_FRAGILE\_SKIN, HP\_FRAGILE\_SKIN MIR4433A\_3P, MIR4433A\_3P GOBP\_SMOOTH\_MUSCLE\_CONTRACTION, GOBP\_SMOOTH\_MUSCLE\_CONTRACTION HOLLERN\_MICROACINAR\_BREAST\_TUMOR\_DN, HOLLERN\_MICROACINAR\_BREAST\_TUMOR\_DN GOBP\_REGULATION\_OF\_OSSIFICATION, GOBP\_REGULATION\_OF\_OSSIFICATION HOEGERKORP\_CD44\_TARGETS\_DIRECT\_UP, HOEGERKORP\_CD44\_TARGETS\_DIRECT\_UP GOBP\_NLRP3\_INFLAMMASOME\_COMPLEX\_ASSEMBLY, GOBP\_NLRP3\_INFLAMMASOME\_COMPLEX\_ASSEMBLY HP\_OCULAR\_ALBINISM, HP\_OCULAR\_ALBINISM HP\_APLASIA\_OF\_THE\_MIDDLE\_PHALANX\_OF\_THE\_HAND, HP\_APLASIA\_OF\_THE\_MIDDLE\_PHALANX\_OF\_THE\_HAND HP ABNORMAL CRY, HP ABNORMAL CRY GOMF\_INTRAMEMBRANE\_LIPID\_TRANSPORTER\_ACTIVITY, GOMF\_INTRAMEMBRANE\_LIPID\_TRANSPORTER\_ACTIVITY GOBP\_LYMPH\_VESSEL\_DEVELOPMENT, GOBP\_LYMPH\_VESSEL\_DEVELOPMENT HP\_HORIZONTAL\_EYEBROW, HP\_HORIZONTAL\_EYEBROW HP\_APLASIA\_HYPOPLASIA\_OF\_THE\_PALMAR\_CREASES, HP\_APLASIA\_HYPOPLASIA\_OF\_THE\_PALMAR\_CREASES GOBP\_DNA\_DEALKYLATION\_INVOLVED\_IN\_DNA\_REPAIR, GOBP\_DNA\_DEALKYLATION\_INVOLVED\_IN\_DNA\_REPAIR GOBP\_LYMPH\_VESSEL\_MORPHOGENESIS, GOBP\_LYMPH\_VESSEL\_MORPHOGENESIS GOBP\_POSITIVE\_REGULATION\_OF\_EXCITATORY\_POSTSYNAPTIC\_POTENTIAL, GOBP\_POSITIVE\_REGULATION\_OF\_EXCITATORY\_POSTSYNAPTIC\_POTENTIAL SVIL\_TARGET\_GENES, SVIL\_TARGET\_GENES GOBP\_REGULATION\_OF\_TUBE\_SIZE, GOBP\_REGULATION\_OF\_TUBE\_SIZE REACTOME\_SIGNALING\_BY\_BMP, REACTOME\_SIGNALING\_BY\_BMP GOMF\_APOLIPOPROTEIN\_BINDING, GOMF\_APOLIPOPROTEIN\_BINDING GOBP\_NOSE\_DEVELOPMENT, GOBP\_NOSE\_DEVELOPMENT HP\_WIDOW\_S\_PEAK, HP\_WIDOW\_S\_PEAK MCCOLLUM\_GELDANAMYCIN\_RESISTANCE\_UP, MCCOLLUM\_GELDANAMYCIN\_RESISTANCE\_UP GOMF\_1\_PHOSPHATIDYLINOSITOL\_BINDING, GOMF\_1\_PHOSPHATIDYLINOSITOL\_BINDING GOCC\_CELL\_BODY\_MEMBRANE, GOCC\_CELL\_BODY\_MEMBRANE GOBP\_PLASMA\_MEMBRANE\_PHOSPHOLIPID\_SCRAMBLING, GOBP\_PLASMA\_MEMBRANE\_PHOSPHOLIPID\_SCRAMBLING HP\_ABNORMALITY\_OF\_MASTICATORY\_MUSCLE, HP\_ABNORMALITY\_OF\_MASTICATORY\_MUSCLE HP\_HEAD\_TITUBATION, HP\_HEAD\_TITUBATION HP\_DECREASED\_MINIATURE\_ENDPLATE\_POTENTIALS, HP\_DECREASED\_MINIATURE\_ENDPLATE\_POTENTIALS GOBP\_VASOCONSTRICTION, GOBP\_VASOCONSTRICTION GOBP SUBSTRATE DEPENDENT CELL MIGRATION, GOBP SUBSTRATE DEPENDENT CELL MIGRATION HP\_ABNORMAL\_ST\_SEGMENT, HP\_ABNORMAL\_ST\_SEGMENT

HP\_BRACHYCEPHALY, HP\_BRACHYCEPHALY

GTGACTT\_MIR224, GTGACTT\_MIR224

HALLMARK\_UV\_RESPONSE\_DN, HALLMARK\_UV\_RESPONSE\_DN

GOBP DIGESTIVE SYSTEM DEVELOPMENT, GOBP DIGESTIVE SYSTEM DEVELOPMENT

GOBP\_BRANCH\_ELONGATION\_OF\_AN\_EPITHELIUM, GOBP\_BRANCH\_ELONGATION\_OF\_AN\_EPITHELIUM

HP\_SPONTANEOUS\_PAIN\_SENSATION, HP\_SPONTANEOUS\_PAIN\_SENSATION

ZHONG\_PFC\_C2\_THY1\_POS\_OPC, ZHONG\_PFC\_C2\_THY1\_POS\_OPC

GSE46606\_IRF4HIGH\_VS\_WT\_CD40L\_IL2\_IL5\_DAY3\_STIMULATED\_BCELL\_UP, GSE46606\_IRF4HIGH\_VS\_WT\_CD40L\_IL2\_IL5\_DAY3\_STIMULATED\_BCELL\_UP

GSE5589\_IL6\_KO\_VS\_IL10\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_180MIN\_UP, GSE5589\_IL6\_KO\_VS\_IL10\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_180MIN\_UP

GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_CD21LOW\_TRANSITIONAL\_BCELL\_DN, GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_CD21LOW\_TRANSITIONAL\_BCELL\_DN

GSE6092\_B\_BURGDOFERI\_VS\_B\_BURGDORFERI\_AND\_IFNG\_STIM\_ENDOTHELIAL\_CELL\_UP, GSE6092\_B\_BURGDOFERI\_VS\_B\_BURGDORFERI\_AND\_IFNG\_STIM\_ENDOTHELIAL\_CELL\_UP

GSE5455\_HEALTHY\_VS\_TUMOR\_BEARING\_MOUSE\_SPLEEN\_MONOCYTE\_24H\_INCUBATION\_UP, GSE5455\_HEALTHY\_VS\_TUMOR\_BEARING\_MOUSE\_SPLEEN\_MONOCYTE\_254H\_INCUBATION\_UP, GSE5455\_HEALTHY\_INCUBATION\_UP, GSE5455\_INCUBATION\_UP, GSE5455\_

GOBP\_NEGATIVE\_REGULATION\_OF\_DOUBLE\_STRAND\_BREAK\_REPAIR\_VIA\_NONHOMOLOGOUS\_END\_JOINING, GOBP\_NEGATIVE\_REGULATION\_OF\_DOUBLE\_STRAND\_BREAK\_REPAIR

REACTOME INTERACTION WITH CUMULUS CELLS AND THE ZONA PELLUCIDA, REACTOME INTERACTION WITH CUMULUS CELLS AND THE ZONA PELLUCIDA

GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL6\_KO\_MACROPHAGE\_45MIN\_UP, GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL6\_KO\_MACROPHAGE\_45MIN\_UP

GSE6259\_33D1\_POS\_VS\_DEC205\_POS\_FLT3L\_INDUCED\_SPLENIC\_DC\_DN, GSE6259\_33D1\_POS\_VS\_DEC205\_POS\_FLT3L\_INDUCED\_SPLENIC\_DC\_DN

GSE5589\_UNSTIM\_VS\_180MIN\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_UP, GSE5589\_UNSTIM\_VS\_180MIN\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_UP

GSE20484\_MCSG\_VS\_CXCL4\_MONOCYTE\_DERIVED\_MACROPHAGE\_DN, GSE20484\_MCSG\_VS\_CXCL4\_MONOCYTE\_DERIVED\_MACROPHAGE\_DN

GSE3720\_VD1\_VS\_VD2\_GAMMADELTA\_TCELL\_WITH\_PMA\_STIM\_DN, GSE3720\_VD1\_VS\_VD2\_GAMMADELTA\_TCELL\_WITH\_PMA\_STIM\_DN

GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_MEMORY\_BCELL\_DAY40\_UP, GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_MEMORY\_BCELL\_DAY40\_UP

CHIARADONNA\_NEOPLASTIC\_TRANSFORMATION\_KRAS\_DN, CHIARADONNA\_NEOPLASTIC\_TRANSFORMATION\_KRAS\_DN

GSE25123 WT VS PPARG KO MACROPHAGE ROSIGLITAZONE STIM UP, GSE25123 WT VS PPARG KO MACROPHAGE ROSIGLITAZONE STIM UP

GSE21546\_UNSTIM\_VS\_ANTI\_CD3\_STIM\_SAP1A\_KO\_DP\_THYMOCYTES\_UP, GSE21546\_UNSTIM\_VS\_ANTI\_CD3\_STIM\_SAP1A\_KO\_DP\_THYMOCYTES\_UP

GSE40277\_GATA1\_AND\_SATB1\_TRANSDUCED\_VS\_CTRL\_CD4\_TCELL\_UP, GSE40277\_GATA1\_AND\_SATB1\_TRANSDUCED\_VS\_CTRL\_CD4\_TCELL\_UP

GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TEFF\_UP, GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TEFF\_UP