

GSE23695\_CD57\_POS\_VS\_NEG\_NK\_CELL\_UP, GSE23695\_CD57\_POS\_VS\_NEG\_NK\_CELL\_UP  
GSE23935\_UNSTIM\_VS\_12H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_DN, GSE229035\_UNSTIM\_VS\_12H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_DN  
GSE34392\_ST2\_KO\_VS\_WT\_DAYS1\_LCMV\_EFFECTOR\_CD8\_TCELL\_UP, GSE34392\_ST2\_KO\_VS\_WT\_DAYS1\_LCMV\_EFFECTOR\_CD8\_TCELL\_UP  
GSE22590\_HEALTHY\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN, GSE22590\_HEALTHY\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN  
GSE5589\_LPS\_VS\_LPS\_AND\_IL16\_STIM\_IL10\_KO\_MACROPHAGE\_45MIN\_DN, GSE5589\_LPS\_VS\_LPS\_AND\_IL16\_STIM\_IL10\_KO\_MACROPHAGE\_45MIN\_DN  
GSE20754\_WT\_VS\_TCF1\_KO\_MEMORY\_CD8\_TCELL\_DN, GSE20754\_WT\_VS\_TCF1\_KO\_MEMORY\_CD8\_TCELL\_DN  
GSE22103\_LPS\_VS\_GMCSF\_AND\_IFNG\_STIM\_NEUTROPHIL\_DN, GSE22103\_LPS\_VS\_GMCSF\_AND\_IFNG\_STIM\_NEUTROPHIL\_DN  
GSE27786\_LSK\_VS\_CD8\_TCELL\_UP, GSE27786\_LSK\_VS\_CD8\_TCELL\_UP  
GSE2706\_UNSTIM\_VS\_2H\_R848\_DC\_UP, GSE2706\_UNSTIM\_VS\_2H\_R848\_DC\_UP  
GSE8835\_HEALTHY\_VS\_CLL\_CD8\_TCELL\_UP, GSE8835\_HEALTHY\_VS\_CLL\_CD8\_TCELL\_UP  
GSE6259\_BCELL\_VS\_CD8\_TCELL\_DN, GSE6259\_BCELL\_VS\_CD8\_TCELL\_DN  
GSE39022\_1N\_VS\_SPLEEN\_DC\_UP, GSE39022\_1N\_VS\_SPLEEN\_DC\_UP  
GSE5542\_UNTREATED\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN, GSE5542\_UNTREATED\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN  
GSE25123\_CTRL\_VS\_IL4\_STIM\_PPARG\_KO\_MACROPHAGE\_UP, GSE25123\_CTRL\_VS\_IL4\_STIM\_PPARG\_KO\_MACROPHAGE\_UP  
GSE8885\_HEALTHY\_VS\_CLL\_CD4\_TCELL\_UP, GSE8885\_HEALTHY\_VS\_CLL\_CD4\_TCELL\_UP  
GSE5589\_LPS\_AND\_IL10\_VS\_LPS\_AND\_IL6\_STIM\_IL10\_KO\_MACROPHAGE\_45MIN\_DN, GSE5589\_LPS\_AND\_IL10\_VS\_LPS\_AND\_IL6\_STIM\_IL10\_KO\_MACROPHAGE\_45MIN\_DN  
MIR2355\_5P, MIR2355\_5P  
GSE31622\_WT\_VS\_KLF3\_KO\_BCELL\_DN, GSE31622\_WT\_VS\_KLF3\_KO\_BCELL\_DN  
GSE5542\_UNTREATED\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP, GSE5542\_UNTREATED\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP  
CAGCACT\_MIR5123P, CAGCACT\_MIR5123P  
MIR3176, MIR3176  
MIR3922\_3P, MIR3922\_3P  
MIR3158\_5P, MIR3158\_5P  
GSE36327\_CD62L\_HIGH\_CD69\_NEG\_VS\_CD62L\_LOW\_CD69\_POS\_TREG\_KLRG1\_NEG\_UP, GSE36327\_CD62L\_HIGH\_CD69\_NEG\_VS\_CD62L\_LOW\_CD69\_POS\_TREG\_KLRG1\_NEG\_UP  
HP\_RECURRENENT\_UPPER\_RESPIRATORY\_TRACT\_INFECTIONS, HP\_RECURRENENT\_UPPER\_RESPIRATORY\_TRACT\_INFECTIONS  
GSE21927\_SPLEEN\_VS\_TUMOR\_MONOCYTE\_C57BL6\_DN, GSE21927\_SPLEEN\_VS\_TUMOR\_MONOCYTE\_C57BL6\_DN  
GSE1200\_4D\_VS\_4D\_CULTURE\_BM\_PROGENTOR\_DN, GSE1200\_4D\_VS\_4D\_CULTURE\_BM\_PROGENTOR\_DN  
MIR6079, MIR6079  
ATAGGAA\_MIR202, ATAGGAA\_MIR202  
MIR4430, MIR4430  
GSE4937\_WT\_VS\_IRAK4\_KO\_LPS\_1H\_STIM\_BMDM\_DN, GSE4937\_WT\_VS\_IRAK4\_KO\_LPS\_1H\_STIM\_BMDM\_DN  
GOMF\_DEMETHYLASE\_ACTIVITY, GOMF\_DEMETHYLASE\_ACTIVITY  
MIR10397\_5P, MIR10397\_5P  
GACAATC\_MIR219, GACAATC\_MIR219  
MIR2976, MIR2976  
GOMF\_PROTEIN\_DEMETHYLASE\_ACTIVITY, GOMF\_PROTEIN\_DEMETHYLASE\_ACTIVITY  
GSE36825\_IL1B\_IL6\_VS\_IL1B\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_UP, GSE36825\_IL1B\_IL6\_VS\_IL1B\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_UP  
HUANG\_DASATINIB\_RESISTANCE\_DN, HUANG\_DASATINIB\_RESISTANCE\_DN  
MIR140\_5P, MIR140\_5P  
HP\_ANOREXIA, HP\_ANOREXIA  
HP\_DELAYED\_CRANIAL\_SUTURE\_CLOSURE, HP\_DELAYED\_CRANIAL\_SUTURE\_CLOSURE  
XU\_GH1\_AUTOCRINE\_TARGETS\_DN, XU\_GH1\_AUTOCRINE\_TARGETS\_DN  
IKEDA\_MIR133\_TARGETS\_UP, IKEDA\_MIR133\_TARGETS\_UP  
BONCL\_TARGETS\_OF\_MIR15A\_AND\_MIR16\_1, BONCL\_TARGETS\_OF\_MIR15A\_AND\_MIR16\_1  
MIR3159, MIR3159  
GCM\_AQP4, GCM\_AQP4  
MIR4273, MIR4273  
VIRICANNRCCG, UNKNOWN, VRTCANNRCCG, UNKNOWN  
WP\_STRUCTURAL\_PATHWAY\_OF\_INTERLEUKIN\_1\_IL1, WP\_STRUCTURAL\_PATHWAY\_OF\_INTERLEUKIN\_1\_IL1  
GOBP\_MITOCHONDRIAL\_FISSION, GOBP\_MITOCHONDRIAL\_FISSION  
REACTOME\_INTERLEUKIN\_17\_SIGNALING, REACTOME\_INTERLEUKIN\_17\_SIGNALING  
GCM\_DEAF1, GCM\_DEAF1  
GOBP\_PROTEIN\_LOCALIZATION\_TO\_CYTOSKELETON, GOBP\_PROTEIN\_LOCALIZATION\_TO\_CYTOSKELETON  
PID\_ILK\_PATHWAY, PID\_ILK\_PATHWAY  
GOMF\_K63\_LINKED\_POLYUBIQUITIN\_MODIFICATION\_DEPENDENT\_PROTEIN\_BINDING, GOMF\_K63\_LINKED\_POLYUBIQUITIN\_MODIFICATION\_DEPENDENT\_PROTEIN\_BINDING  
MIR6754\_3P, MIR6754\_3P  
MIR4759, MIR4759  
GOBP\_DNA\_METHYLATION, GOBP\_DNA\_METHYLATION  
MIR4254, MIR4254  
WP\_GENOTOXICITY\_PATHWAY, WP\_GENOTOXICITY\_PATHWAY  
MIR8083, MIR8083  
MIR6851\_3P, MIR6851\_3P  
CSE22589\_SIV\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN, CSE22589\_SIV\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN  
MIR1256, MIR1256  
KEGG\_VIRAL\_MYOCARDITIS, KEGG\_VIRAL\_MYOCARDITIS  
GOBP\_POSITIVE\_REGULATION\_OF\_B\_CELL\_PROLIFERATION, GOBP\_POSITIVE\_REGULATION\_OF\_B\_CELL\_PROLIFERATION  
REACTOME\_MAPK\_TARGETS\_NUCLEAR\_EVENTS\_MEDIATED\_BY\_MAP\_KINASES, REACTOME\_MAPK\_TARGETS\_NUCLEAR\_EVENTS\_MEDIATED\_BY\_MAP\_KINASES  
MIR4736, MIR4736  
BIOCARTA\_STRESS\_PATHWAY, BIOCARTA\_STRESS\_PATHWAY  
GOBP\_POSITIVE\_REGULATION\_OF\_HISTONE\_METHYLATION, GOBP\_POSITIVE\_REGULATION\_OF\_HISTONE\_METHYLATION  
GROSS\_HYPXIA\_VIA\_ILK3\_ONLY\_DN, GROSS\_HYPXIA\_VIA\_ILK3\_ONLY\_DN  
MIR5591\_5P, MIR5591\_5P  
MIR4662A\_5P, MIR4662A\_5P  
BECKER\_TAMOXIFEN\_RESISTANCE\_DN, BECKER\_TAMOXIFEN\_RESISTANCE\_DN  
KUNINGER\_IGF1\_VS\_PDGFB\_TARGETS\_DN, KUNINGER\_IGF1\_VS\_PDGFB\_TARGETS\_DN  
MIR443A\_3P, MIR443A\_3P  
PID\_RAC1\_REG\_PATHWAY, PID\_RAC1\_REG\_PATHWAY  
MIR552\_3P, MIR552\_3P  
SABATES\_COLORECTAL\_ADENOMA\_SIZE\_UP, SABATES\_COLORECTAL\_ADENOMA\_SIZE\_UP  
OUILLETTE\_CLL\_13Q14\_DELETION\_DN, OUILLETTE\_CLL\_13Q14\_DELETION\_DN  
REACTOME\_SIGNALING\_BY\_EGFR, REACTOME\_SIGNALING\_BY\_EGFR  
GOBP\_TOLL\_LIKE\_RECEPTOR\_3\_SIGNALING\_PATHWAY, GOBP\_TOLL\_LIKE\_RECEPTOR\_3\_SIGNALING\_PATHWAY  
GSE29615\_CTRL\_VS\_LAIV\_FLU\_VACCINE\_PBMC\_UP, GSE29615\_CTRL\_VS\_LAIV\_FLU\_VACCINE\_PBMC\_UP  
BIOCARTA\_TOLL\_PATHWAY, BIOCARTA\_TOLL\_PATHWAY  
TENEDIN1\_MEGAKARYOCYTE\_MARKERS, TENEDIN1\_MEGAKARYOCYTE\_MARKERS  
GOBP\_MYOBLAST\_FUSION, GOBP\_MYOBLAST\_FUSION  
GOBP\_ESTABLISHMENT\_OF\_MITOTIC\_SPINDLE\_ORIENTATION, GOBP\_ESTABLISHMENT\_OF\_MITOTIC\_SPINDLE\_ORIENTATION  
PID\_P38\_ALPHA\_BETA\_PATHWAY, PID\_P38\_ALPHA\_BETA\_PATHWAY  
GOBP\_ESTABLISHMENT\_OF\_SPINDLE\_ORIENTATION, GOBP\_ESTABLISHMENT\_OF\_SPINDLE\_ORIENTATION  
MIR3975, MIR3975  
GAANNYNGACNY\_UNKNOWN, GAANNYNGACNY\_UNKNOWN  
GOBP\_NEGATIVE\_REGULATION\_OF\_ERBB\_SIGNALING\_PATHWAY, GOBP\_NEGATIVE\_REGULATION\_OF\_ERBB\_SIGNALING\_PATHWAY  
PID\_P38\_AK3\_4PATHWAY, PID\_P38\_AK3\_4PATHWAY  
GOBP\_POSITIVE\_REGULATION\_OF\_MITOCHONDRIAL\_FISSION, GOBP\_POSITIVE\_REGULATION\_OF\_MITOCHONDRIAL\_FISSION  
BOGNI\_TREATMENT\_RELATED\_MYELOID\_LEUKEMIA\_DN, BOGNI\_TREATMENT\_RELATED\_MYELOID\_LEUKEMIA\_DN  
MIR6847\_3P, MIR6847\_3P  
PID\_CD40\_PATHWAY, PID\_CD40\_PATHWAY  
MIR144\_5P, MIR144\_5P  
REACTOME\_ERK\_MAPK\_TARGETS, REACTOME\_ERK\_MAPK\_TARGETS  
GOCC\_LATERAL\_PLASMA\_MEMBRANE, GOCC\_LATERAL\_PLASMA\_MEMBRANE  
HP\_URINARY\_GLYCOSAMINOGLYCAN\_EXCRETION, HP\_URINARY\_GLYCOSAMINOGLYCAN\_EXCRETION  
GOBP\_REGULATION\_OF\_HISTONE\_H3\_K9\_METHYLATION, GOBP\_REGULATION\_OF\_HISTONE\_H3\_K9\_METHYLATION  
MIR412\_3P, MIR412\_3P  
GOBP\_MYOUBE\_DIFFERENTIATION, GOBP\_MYOUBE\_DIFFERENTIATION  
HP\_INCREASED\_PROTEINOGENIC\_AMINO\_ACID\_LEVEL\_IN\_URINE, HP\_INCREASED\_PROTEINOGENIC\_AMINO\_ACID\_LEVEL\_IN\_URINE  
GOBP\_REGULATION\_OF\_MYOBLAST\_FUSION, GOBP\_REGULATION\_OF\_MYOBLAST\_FUSION  
MIR7114\_3P, MIR7114\_3P  
MIR3680\_5P, MIR3680\_5P  
NOIMA\_SFRP2\_TARGETS\_DN, NOIMA\_SFRP2\_TARGETS\_DN  
HP\_STREAK\_OVARY, HP\_STREAK\_OVARY  
PID\_IL4\_2PATHWAY, PID\_IL4\_2PATHWAY  
MIR549A\_3P, MIR549A\_3P  
BIOCARTA\_HDAC\_PATHWAY, BIOCARTA\_HDAC\_PATHWAY  
REACTOME\_OVARIAN\_TUMOR\_DOMAIN\_PROTEASIS, REACTOME\_OVARIAN\_TUMOR\_DOMAIN\_PROTEASIS  
GOBP\_HISTONE\_H3\_K4\_DEMETHYLATION, GOBP\_HISTONE\_H3\_K4\_DEMETHYLATION  
MIR601, MIR601  
RASHI\_NFKB1\_TARGETS, RASHI\_NFKB1\_TARGETS  
GOBP\_HISTONE\_H3\_K36\_DEMETHYLATION, GOBP\_HISTONE\_H3\_K36\_DEMETHYLATION  
GOMF\_HISTONE\_DEMETHYLASE\_ACTIVITY\_H3\_K36\_SPECIFIC, GOMF\_HISTONE\_DEMETHYLASE\_ACTIVITY\_H3\_K36\_SPECIFIC  
HP\_JOINT\_CONTRACTURES\_INVOLVING\_THE\_JOINTS\_OF\_THE\_FEET, HP\_JOINT\_CONTRACTURES\_INVOLVING\_THE\_JOINTS\_OF\_THE\_FEET  
GOBP\_REGULATION\_OF\_OXIDATIVE\_STRESS\_INDUCED\_CELL\_DEATH, GOBP\_REGULATION\_OF\_OXIDATIVE\_STRESS\_INDUCED\_CELL\_DEATH  
REACTOME\_EGFR\_DOWNREGULATION, REACTOME\_EGFR\_DOWNREGULATION  
GOBP\_PEPITIDYL\_ARGININE\_MODIFICATION, GOBP\_PEPITIDYL\_ARGININE\_MODIFICATION  
GTCTACC\_MIR379, GTCTACC\_MIR379  
HP\_FATIGABLE\_WEAKNESS\_OF\_SKELETAL\_MUSCLES, HP\_FATIGABLE\_WEAKNESS\_OF\_SKELETAL\_MUSCLES  
GOBP\_REGULATION\_OF\_HIPPO\_SIGNALING, GOBP\_REGULATION\_OF\_HIPPO\_SIGNALING  
REACTOME\_MAP3K8\_TPT2\_DEPENDENT\_MAPK1\_3\_ACTIVATION, REACTOME\_MAP3K8\_TPT2\_DEPENDENT\_MAPK1\_3\_ACTIVATION  
FULLER\_PBMC\_F\_TULARENSIS\_VACCINE\_1VS\_AGE\_22\_54YO\_336HR\_DN, FULLER\_PBMC\_F\_TULARENSIS\_VACCINE\_1VS\_AGE\_22\_54YO\_336HR\_DN  
MIR5192, MIR5192  
GOBP\_REGULATION\_OF\_GLIAL\_CELL\_MIGRATION, GOBP\_REGULATION\_OF\_GLIAL\_CELL\_MIGRATION  
GOBP\_MEMBRANE\_FISSION, GOBP\_MEMBRANE\_FISSION  
GOMF\_HISTONE\_DEMETHYLASE\_ACTIVITY\_H3\_K4\_SPECIFIC, GOMF\_HISTONE\_DEMETHYLASE\_ACTIVITY\_H3\_K4\_SPECIFIC  
REACTOME\_CELL\_EXTRACELLULAR\_MATRIX\_INTERACTIONS, REACTOME\_CELL\_EXTRACELLULAR\_MATRIX\_INTERACTIONS  
KEGG\_JAK\_STAT\_SIGNALING\_PATHWAY, KEGG\_JAK\_STAT\_SIGNALING\_PATHWAY  
HP\_HEREDITARY\_NONPOLYPOISIS\_COLORECTAL\_CARCINOMA, HP\_HEREDITARY\_NONPOLYPOISIS\_COLORECTAL\_CARCINOMA  
GOBP\_POSITIVE\_REGULATION\_OF\_MYOBLAST\_FUSION, GOBP\_POSITIVE\_REGULATION\_OF\_MYOBLAST\_FUSION  
GSE5946\_MATURE\_STIMULATORY\_VS\_PROSTAGLANDINE2\_TREATED\_MATURE\_DC\_UP, GSE5946\_MATURE\_STIMULATORY\_VS\_PROSTAGLANDINE2\_TREATED\_MATURE\_DC\_UP  
MIR885\_3P, MIR885\_3P  
GOCC\_PERICENTRIOLAR\_MATERIAL, GOCC\_PERICENTRIOLAR\_MATERIAL  
HP\_ABNORMAL\_PLATELET\_GNANULES, HP\_ABNORMAL\_PLATELET\_GNANULES  
HP\_METATARSUS\_ADDUCTUS, HP\_METATARSUS\_ADDUCTUS  
GOMF\_DYNEIN\_INTERMEDIATE\_CHAIN\_BINDING, GOMF\_DYNEIN\_INTERMEDIATE\_CHAIN\_BINDING  
KYNK\_NORMAL\_AGING\_DN, KYNK\_NORMAL\_AGING\_DN  
MIR6772\_5P, MIR6772\_5P  
PID\_API\_PATHWAY, PID\_API\_PATHWAY  
MIR500A\_3P, MIR500A\_3P  
OUYANG\_PROSTATE\_CANCER\_PROGRESSION\_UP, OUYANG\_PROSTATE\_CANCER\_PROGRESSION\_UP  
GOBP\_PEPITIDYL\_ARGININE\_N\_METHYLATION, GOBP\_PEPITIDYL\_ARGININE\_N\_METHYLATION  
GOMF\_PROTEIN\_ARGININE\_N\_METHYLTRANSFERASE\_ACTIVITY, GOMF\_PROTEIN\_ARGININE\_N\_METHYLTRANSFERASE\_ACTIVITY  
OSADA\_ASC11\_TARGETS\_UP, OSADA\_ASC11\_TARGETS\_UP  
GOBP\_REGULATION\_OF\_ER\_ASSOCIATED\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS, GOBP\_REGULATION\_OF\_ER\_ASSOCIATED\_UBIQUITIN\_DEPENDENT\_PROTEIN\_CATABOLIC\_PROCESS  
GOBP\_RESPONSE\_TO\_NITROSATIVE\_STRESS, GOBP\_RESPONSE\_TO\_NITROSATIVE\_STRESS  
HP\_PULMONARY\_HEMORRHAGE, HP\_PULMONARY\_HEMORRHAGE  
PID\_LYMPH\_ANGIOGENESIS\_PATHWAY, PID\_LYMPH\_ANGIOGENESIS\_PATHWAY  
GOBP\_MOTOR\_NEURON\_APOPTOTIC\_PROCESS, GOBP\_MOTOR\_NEURON\_APOPTOTIC\_PROCESS  
GOBP\_REGULATION\_OF\_PROTEIN\_LOCALIZATION\_TO\_CELL\_CORTX, GOBP\_REGULATION\_OF\_PROTEIN\_LOCALIZATION\_TO\_CELL\_CORTX  
REACTOME\_TRANSPORT\_OF\_NUCLEOTIDE\_SUGARS, REACTOME\_TRANSPORT\_OF\_NUCLEOTIDE\_SUGARS  
GOBP\_PURINERGIC\_NUCLEOTIDE\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_PURINERGIC\_NUCLEOTIDE\_RECEPTOR\_SIGNALING\_PATHWAY  
GOBP\_B\_CELL\_PROLIFERATION, GOBP\_B\_CELL\_PROLIFERATION  
GOBP\_PEPITIDYL\_ARGININE\_METHYLATION, GOBP\_PEPITIDYL\_ARGININE\_METHYLATION  
REACTOME\_CLEC7A\_DECTIN\_1\_INDUCES\_NFAT\_ACTIVATION, REACTOME\_CLEC7A\_DECTIN\_1\_INDUCES\_NFAT\_ACTIVATION  
MIR1180\_5P, MIR1180\_5P  
HP\_METHYLMALONIC\_ACIDEMIA, HP\_METHYLMALONIC\_ACIDEMIA  
KOBAYASHI\_EGFR\_SIGNALING\_6HR\_DN, KOBAYASHI\_EGFR\_SIGNALING\_6HR\_DN  
GOBP\_CELL\_VOLUME\_HOMEOSTASIS, GOBP\_CELL\_VOLUME\_HOMEOSTASIS  
MIR4804\_5P, MIR4804\_5P  
GOMF\_NADH\_PYRPHOSPHATASE\_ACTIVITY, GOMF\_NADH\_PYRPHOSPHATASE\_ACTIVITY  
FAN\_EMBRYONIC\_CTX\_EX\_1\_EXCITATORY\_NEURON, FAN\_EMBRYONIC\_CTX\_EX\_1\_EXCITATORY\_NEURON  
GOBP\_REGULATION\_OF\_GLUTAMATE\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_REGULATION\_OF\_GLUTAMATE\_RECEPTOR\_SIGNALING\_PATHWAY  
MATSUMIYA\_PBMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VITRO\_WITH\_WILD\_TYPE\_MVA\_6HR\_UP, MATSUMIYA\_PBMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VITRO\_WITH\_WILD\_TYPE\_MVA\_6HR\_UP  
LEE\_LIVER\_CANCER\_MYC\_TGFA\_UP, LEE\_LIVER\_CANCER\_MYC\_TGFA\_UP  
GOBP\_REGULATION\_OF\_MEMBRANE\_REPOLARIZATION\_DURING\_ACTION\_POTENTIAL, GOBP\_REGULATION\_OF\_MEMBRANE\_REPOLARIZATION\_DURING\_ACTION\_POTENTIAL  
KYNK\_WERNER\_SYNDROM\_DN, KYNK\_WERNER\_SYNDROM\_DN  
REACTOME\_ACTIVATION\_OF\_THE\_AP\_1\_FAMILY\_OF\_TRANSCRIPTION\_FACTORS, REACTOME\_ACTIVATION\_OF\_THE\_AP\_1\_FAMILY\_OF\_TRANSCRIPTION\_FACTORS  
REACTOME\_ZINC\_INFLUX\_INTO\_CELLS\_BY\_THE\_SLCP9\_GENE\_FAMILY, REACTOME\_ZINC\_INFLUX\_INTO\_CELLS\_BY\_THE\_SLCP9\_GENE\_FAMILY  
REACTOME\_RUNKR1\_REGULATES\_PHARF, REACTOME\_RUNKR1\_REGULATES\_PHARF  
HP\_INCREASED\_SULFUR\_AMINO\_ACID\_LEVEL\_IN\_URINE, HP\_INCREASED\_SULFUR\_AMINO\_ACID\_LEVEL\_IN\_URINE  
SOUCEK\_MYC\_TARGETS, SOUCEK\_MYC\_TARGETS  
HP\_PERIODIC\_PARALYSIS, HP\_PERIODIC\_PARALYSIS  
HP\_PERIODIC\_HYPOKALEMIC\_PARESIS, HP\_PERIODIC\_HYPOKALEMIC\_PARESIS  
GOBP\_NEGATIVE\_REGULATION\_OF\_TRANSPORTER\_ACTIVITY, GOBP\_NEGATIVE\_REGULATION\_OF\_TRANSPORTER\_ACTIVITY  
GOBP\_TELOMERE\_ASSEMBLY, GOBP\_TELOMERE\_ASSEMBLY  
GOBP\_REGULATION\_OF\_MYOSIN\_LIGHT\_CHAIN\_PHOSPHATASE\_ACTIVITY, GOBP\_REGULATION\_OF\_MYOSIN\_LIGHT\_CHAIN\_PHOSPHATASE\_ACTIVITY  
GSE13887\_RESTING\_VS\_ACT\_CD4\_TCELL\_UP, GSE13887\_RESTING\_VS\_ACT\_CD4\_TCELL\_UP  
GOBP\_REGULATION\_OF\_MOTOR\_NEURON\_APOPTOTIC\_PROCESS, GOBP\_REGULATION\_OF\_MOTOR\_NEURON\_APOPTOTIC\_PROCESS  
GOBP\_NEGATIVE\_REGULATION\_OF\_MICROGLIAL\_CELL\_ACTIVATION, GOBP\_NEGATIVE\_REGULATION\_OF\_MICROGLIAL\_CELL\_ACTIVATION  
MYLLYKANGAS\_AMPLIFICATION\_HOT\_SPOT\_29\_MYLLYKANGAS\_AMPLIFICATION\_HOT\_SPOT\_29  
GOBP\_CELLULAR\_RESPONSE\_TO\_NUTRIENT, GOBP\_CELLULAR\_RESPONSE\_TO\_NUTRIENT  
HP\_HYPEREXTENSIBILITY\_OF\_THE\_KNEE, HP\_HYPEREXTENSIBILITY\_OF\_THE\_KNEE  
HP\_ABNORMAL\_BLOOD\_GAS\_LEVEL, HP\_ABNORMAL\_BLOOD\_GAS\_LEVEL  
GOBP\_EXTRACELLULAR\_REGULATION\_OF\_SIGNAL\_TRANSDUCTION, GOBP\_EXTRACELLULAR\_REGULATION\_OF\_SIGNAL\_TRANSDUCTION  
GOMF\_GLUCCORTICOID\_RECEPTOR\_BINDING, GOMF\_GLUCCORTICOID\_RECEPTOR\_BINDING  
GOBP\_RESPONSE\_TO\_VITAMIN\_E, GOBP\_RESPONSE\_TO\_VITAMIN\_E  
HP\_STOOPEO\_POSTURE, HP\_STOOPEO\_POSTURE  
HIS\_GAG\_DEGRADATION, REACTOME\_HIS\_GAG\_DEGRADATION  
HP\_ABNORMALITY\_OF\_THE\_COMMON\_COAGULATION\_PATHWAY, HP\_ABNORMALITY\_OF\_THE\_COMMON\_COAGULATION\_PATHWAY  
MIR3678\_3P, MIR3678\_3P  
GOBP\_POSITIVE\_REGULATION\_OF\_B\_CELL\_ACTIVATION, GOBP\_POSITIVE\_REGULATION\_OF\_B\_CELL\_ACTIVATION  
GOBP\_POSITIVE\_REGULATION\_OF\_BMP\_SIGNALING\_PATHWAY, GOBP\_POSITIVE\_REGULATION\_OF\_BMP\_SIGNALING\_PATHWAY  
REACTOME\_PURINE\_CATABOLISM, REACTOME\_PURINE\_CATABOLISM  
GOBP\_POSITIVE\_REGULATION\_OF\_GLIAL\_CELL\_MGIRATION, GOBP\_POSITIVE\_REGULATION\_OF\_GLIAL\_CELL\_MGIRATION  
HP\_LEUKONYCHIA, HP\_LEUKONYCHIA  
GOBP\_PEPITIDYL\_ARGANINE\_OMEGA\_N\_METHYLATION, GOBP\_PEPITIDYL\_ARGANINE\_OMEGA\_N\_METHYLATION  
HP\_DELRUM, HP\_DELRUM  
HP\_LATE\_ONSET\_PROXIMAL\_MUSCLE\_WEAKNESS, HP\_LATE\_ONSET\_PROXIMAL\_MUSCLE\_WEAKNESS  
GOCC\_PTW\_PP1\_PHOSPHATASE\_COMPLEX, GOCC\_PTW\_PP1\_PHOSPHATASE\_COMPLEX  
REACTOME\_FLT3\_SIGNALING\_BY\_CBL\_MUTANTS, REACTOME\_FLT3\_SIGNALING\_BY\_CBL\_MUTANTS  
MYLLYKANGAS\_AMPLIFICATION\_HOT\_SPOT\_23\_MYLLYKANGAS\_AMPLIFICATION\_HOT\_SPOT\_23  
HP\_ABNORMAL\_QT\_INTERVAL, HP\_ABNORMAL\_QT\_INTERVAL  
4h20p13, 4h20p13  
GOMF\_COBALAMIN\_BINDING, GOMF\_COBALAMIN\_BINDING  
GOBP\_POSITIVE\_REGULATION\_OF\_TYPE\_1\_INTERFERON\_MEDIATED\_SIGNALING\_PATHWAY, GOBP\_POSITIVE\_REGULATION\_OF\_TYPE\_1\_INTERFERON\_MEDIATED\_SIGNALING\_PATHWAY  
WP\_INTERLEUKIN1\_INDUCED\_ACTIVATION\_OF\_NFKAPPAB, WP\_INTERLEUKIN1\_INDUCED\_ACTIVATION\_OF\_NFKAPPAB  
GOMF\_TRANSFERRIN\_RECEPTOR\_BINDING, GOMF\_TRANSFERRIN\_RECEPTOR\_BINDING  
GOBP\_REGULATION\_OF\_B\_CELL\_ACTIVATION, GOBP\_REGULATION\_OF\_B\_CELL\_ACTIVATION  
GOBP\_TELOMERIC\_D\_LOOP\_DISASSEMBLY, GOBP\_TELOMERIC\_D\_LOOP\_DISASSEMBLY  
GOBP\_MAINTENANCE\_OF\_PROTEIN\_LOCATION\_IN\_EXTRACELLULAR\_REGION, GOBP\_MAINTENANCE\_OF\_PROTEIN\_LOCATION\_IN\_EXTRACELLULAR\_REGION  
SUZUKI\_CTCLF\_TARGETS\_UP, SUZUKI\_CTCLF\_TARGETS\_UP  
GOBP\_NEGATIVE\_REGULATION\_OF\_INTERLEUKIN\_1\_ALPHA\_PRODUCTION, GOBP\_NEGATIVE\_REGULATION\_OF\_INTERLEUKIN\_1\_ALPHA\_PRODUCTION  
HP\_SUBCUTANEOUS\_HEMORRHAGE, HP\_SUBCUTANEOUS\_HEMORRHAGE  
GOMF\_PROTEIN\_SIDE\_CHAIN\_DEGLUTAMYLATION, GOBP\_PROTEIN\_SIDE\_CHAIN\_DEGLUTAMYLATION  
GOMF\_D\_LOOP\_DNA\_BINDING, GOMF\_D\_LOOP\_DNA\_BINDING  
KIM\_P1TEN\_TARGETS\_DN, KIM\_P1TEN\_TARGETS\_DN  
GOBP\_REGULATION\_OF\_TOLL\_LIKE\_RECEPTOR\_3\_SIGNALING\_PATHWAY, GOBP\_REGULATION\_OF\_TOLL\_LIKE\_RECEPTOR\_3\_SIGNALING\_PATHWAY  
GOBP\_OTOLITH\_DEVELOPMENT, GOBP\_OTOLITH\_DEVELOPMENT  
GOBP\_REGULATION\_OF\_HISTONE\_H3\_K9\_TRIMETHYLATION, GOBP\_REGULATION\_OF\_HISTONE\_H3\_K9\_TRIMETHYLATION  
WP\_VITAMIN\_B12\_DISORDERS, WP\_VITAMIN\_B12\_DISORDERS  
GOBP\_SEQUESTERING\_OF\_EXTRACELLULAR\_LIGAND\_FROM\_RECEPTOR, GOBP\_SEQUESTERING\_OF\_EXTRACELLULAR\_LIGAND\_FROM\_RECEPTOR  
TSUDA\_ALVEOLAR\_SOFT\_PART\_SARCOMA, TSUDA\_ALVEOLAR\_SOFT\_PART\_SARCOMA  
4h16p12, 4h16p12  
GOCC\_MISMATCH\_REPAIR\_COMPLEX, GOCC\_MISMATCH\_REPAIR\_COMPLEX  
GOBP\_POSITIVE\_REGULATION\_OF\_I\_KAPPAB\_PHOSPHORYLATION, GOBP\_POSITIVE\_REGULATION\_OF\_I\_KAPPAB\_PHOSPHORYLATION  
GOBP\_PURINE\_NUCLEOSIDE\_TRIPHOSPHATE\_CATABOLIC\_PROCESS, GOBP\_PURINE\_NUCLEOSIDE\_TRIPHOSPHATE\_CATABOLIC\_PROCESS  
GOBP\_POSITIVE\_REGULATION\_OF\_RECEPTOR\_CLUSTERING, GOBP\_POSITIVE\_REGULATION\_OF\_RECEPTOR\_CLUSTERING  
GSE11367\_CTRL\_VS\_IL17\_TREATED\_SMOOTH\_MUSCLE\_CELL\_UP, GSE11367\_CTRL\_VS\_IL17\_TREATED\_SMOOTH\_MUSCLE\_CELL\_UP  
HOKR\_T\_CELL\_2011\_2012\_TV\_ADULT\_3DY\_DN, HOKR\_T\_CELL\_2011\_2012\_TV\_ADULT\_3DY\_DN  
KAMIKUBO\_MYODI\_MVNI\_NETWORK, KAMIKUBO\_MYODI\_MVNI\_NETWORK  
RANKIN\_ANGIOGENIC\_TARGETS\_OF\_VHL\_HIF2A\_UP, RANKIN\_ANGIOGENIC\_TARGETS\_OF\_VHL\_HIF2A\_UP  
HP\_ABNORMAL\_CHROMOSOME\_MORPHOLOGY, HP\_ABNORMAL\_CHROMOSOME\_MORPHOLOGY  
GOCC\_MUTLALPHA\_COMPLEX, GOCC\_MUTLALPHA\_COMPLEX  
REACTOME\_DISEASES\_OF\_MISMATCH\_REPAIR\_MMIR, REACTOME\_DISEASES\_OF\_MISMATCH\_REPAIR\_MMIR  
GOBP\_PRIMITIVE\_HEMORRHOESIS, GOBP\_PRIMITIVE\_HEMORRHOESIS  
GOMF\_DEAD\_H\_BOX\_RNA\_HELICASE\_BINDING, GOMF\_DEAD\_H\_BOX\_RNA\_HELICASE\_BINDING  
GOMF\_5\_3\_EXODEOXYRIBONUCLEASE\_ACTIVITY, GOMF\_5\_3\_EXODEOXYRIBONUCLEASE\_ACTIVITY  
GOBP\_GONADOTROPIN\_SECRETION, GOBP\_GONADOTROPIN\_SECRETION  
WP\_NO\_METABOLISM\_IN\_CYSTIC\_FIBROSIS, WP\_NO\_METABOLISM\_IN\_CYSTIC\_FIBROSIS  
GOBP\_REGULATION\_OF\_HAIR\_FOLLICLE\_DEVELOPMENT, GOBP\_REGULATION\_OF\_HAIR\_FOLLICLE\_DEVELOPMENT