

GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD8POS\_DC\_UP, GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD8POS\_DC\_UP  
GSE2770\_UNTREATED\_VS\_IL12\_TREATED\_ACT\_CD4\_TCELL\_2H\_DN, GSE2770\_UNTREATED\_VS\_IL12\_TREATED\_ACT\_CD4\_TCELL\_2H\_DN  
GSE42088\_2H\_VS\_24H\_LEISHMANIA\_INF\_DC\_UP, GSE42088\_2H\_VS\_24H\_LEISHMANIA\_INF\_DC\_UP  
GSE18893\_TCONV\_VS\_TREG\_24H\_TNF\_STIM\_DN, GSE18893\_TCONV\_VS\_TREG\_24H\_TNF\_STIM\_DN  
GSE17721\_CTRL\_VS\_POLYIC\_24H\_BMDC\_UP, GSE17721\_CTRL\_VS\_POLYIC\_24H\_BMDC\_UP  
GSE17721\_CTRL\_VS\_PAM3CSK4\_6H\_BMDC\_UP, GSE17721\_CTRL\_VS\_PAM3CSK4\_6H\_BMDC\_UP  
GSE31082\_DN\_VS\_CD4\_SP\_THYMOCYTE\_DN, GSE31082\_DN\_VS\_CD4\_SP\_THYMOCYTE\_DN  
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  
GSE5679\_RARA\_AGONIST\_AM580\_VS\_AM580\_AND\_ROSIGLITAZONE\_TREATED\_DC\_UP, GSE5679\_RARA\_AGONIST\_AM580\_VS\_AM580\_AND\_ROSIGLITAZONE\_TREATED\_DC\_UP  
GSE17721\_LPS\_VS\_CPG\_4H\_BMDC\_DN, GSE17721\_LPS\_VS\_CPG\_4H\_BMDC\_DN  
GSE12198\_CTRL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_DN, GSE12198\_CTRL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_DN  
GSE20715\_0H\_VS\_24H\_OZONE\_LUNG\_UP, GSE20715\_0H\_VS\_24H\_OZONE\_LUNG\_UP  
GSE16522\_MEMORY\_VS\_NAIVE\_ANTLCD3CD28\_STIM\_CD8\_TCELL\_UP, GSE16522\_MEMORY\_VS\_NAIVE\_ANTLCD3CD28\_STIM\_CD8\_TCELL\_UP  
GSE3982\_NEUTROPHIL\_VS\_NKCELL\_DN, GSE3982\_NEUTROPHIL\_VS\_NKCELL\_DN  
GSE43863\_DAY6\_EFF\_VS\_DAY150\_MEM\_LY6C\_INT\_CXCR5POS\_CD4\_TCELL\_UP, GSE43863\_DAY6\_EFF\_VS\_DAY150\_MEM\_LY6C\_INT\_CXCR5POS\_CD4\_TCELL\_UP  
GSE9037\_CTRL\_VS\_LPS\_4H\_STIM\_BMDM\_UP, GSE9037\_CTRL\_VS\_LPS\_4H\_STIM\_BMDM\_UP  
GSE41867\_LCMV\_ARMSTRONG\_VS\_CLONEI3\_DAY8\_EFFECTOR\_CD8\_TCELL\_UP, GSE41867\_LCMV\_ARMSTRONG\_VS\_CLONEI3\_DAY8\_EFFECTOR\_CD8\_TCELL\_UP  
PASQUALUCCILYMPHOMA\_BY\_GC\_STAGE\_DN, PASQUALUCCILYMPHOMA\_BY\_GC\_STAGE\_DN  
GSE17721\_ALL\_VS\_24HPAM3CSK4\_BMDC\_DN, GSE17721\_ALL\_VS\_24HPAM3CSK4\_BMDC\_DN  
GSE17721\_POLYIC\_VS\_CPG\_12H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_CPG\_12H\_BMDC\_UP  
GAUSSMANN\_MLL\_Af4\_FUSION\_TARGETS\_A\_UP, GAUSSMANN\_MLL\_Af4\_FUSION\_TARGETS\_A\_UP  
GSE16385\_MONOCYTE\_VS\_MACROPHAGE\_UP, GSE16385\_MONOCYTE\_VS\_MACROPHAGE\_UP  
GOBP\_VESICLE\_BUDDING\_FROM\_MEMBRANE, GOBP\_VESICLE\_BUDDING\_FROM\_MEMBRANE  
MIR124\_5P, MIR124\_5P  
GSE32423\_CTRL\_VS\_IL7\_IL4\_MEMORY\_CD8\_TCELL\_DN, GSE32423\_CTRL\_VS\_IL7\_IL4\_MEMORY\_CD8\_TCELL\_DN  
GSE13306\_TREG\_VS\_TCONV\_LAMINA\_PROPRIA\_UP, GSE13306\_TREG\_VS\_TCONV\_LAMINA\_PROPRIA\_UP  
ROSS\_AML\_WITH\_MLL\_FUSIONS, ROSS\_AML\_WITH\_MLL\_FUSIONS  
GOBP\_PROTEIN\_LOCALIZATION\_TO\_VACUOLE, GOBP\_PROTEIN\_LOCALIZATION\_TO\_VACUOLE  
HP\_FLAT\_FACE, HP\_FLAT\_FACE  
GSE26928\_EFF\_MEM\_VS\_CENTR\_MEM\_CD4\_TCELL\_UP, GSE26928\_EFF\_MEM\_VS\_CENTR\_MEM\_CD4\_TCELL\_UP  
TRAVAGLINI\_LUNG\_NATURAL\_KILLER\_CELL, TRAVAGLINI\_LUNG\_NATURAL\_KILLER\_CELL  
MIR8089, MIR8089  
GOBP\_PEROXISOME\_ORGANIZATION, GOBP\_PEROXISOME\_ORGANIZATION  
REACTOME\_SYNTHESIS\_OF\_ACTIVE\_UBIQUITIN\_ROLES\_OF\_E1\_AND\_E2\_ENZYMES, REACTOME\_SYNTHESIS\_OF\_ACTIVE\_UBIQUITIN\_ROLES\_OF\_E1\_AND\_E2\_ENZYMES  
GSE32255\_WT\_VS\_JMD2D\_KNOCKDOWN\_4H\_LPS\_STIM\_DC\_UP, GSE32255\_WT\_VS\_JMD2D\_KNOCKDOWN\_4H\_LPS\_STIM\_DC\_UP  
GENTILE\_UV\_RESPONSE\_CLUSTER\_D5, GENTILE\_UV\_RESPONSE\_CLUSTER\_D5  
HAHTOLA\_MYCOSIS\_FUNGOIDES\_CD4\_UP, HAHTOLA\_MYCOSIS\_FUNGOIDES\_CD4\_UP  
GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_COMMON\_LYMPHOID\_PROGENITOR\_UP, GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_COMMON\_LYMPHOID\_PROGENITOR\_UP  
MIR936, MIR936  
ZHOU\_TNF\_SIGNALING\_4HR, ZHOU\_TNF\_SIGNALING\_4HR  
REACTOME\_SPHINGOLIPID\_METABOLISM, REACTOME\_SPHINGOLIPID\_METABOLISM  
SETLUR\_PROSTATE\_CANCER\_TMPRS2\_ERG\_FUSION\_UP, SETLUR\_PROSTATE\_CANCER\_TMPRS2\_ERG\_FUSION\_UP  
HP\_DEMYELINATING\_PERIPHERAL\_NEUROPATHY, HP\_DEMYELINATING\_PERIPHERAL\_NEUROPATHY  
HP\_APLASIA\_HYPOPLASIA\_INVOLVING\_THE\_VERTEBRAL\_COLUMN, HP\_APLASIA\_HYPOPLASIA\_INVOLVING\_THE\_VERTEBRAL\_COLUMN  
MIR4700\_3P, MIR4700\_3P  
GSE22886\_NAIVE\_BCELL\_VS\_MONOCYTE\_UP, GSE22886\_NAIVE\_BCELL\_VS\_MONOCYTE\_UP  
ROSS\_AML\_WITH\_AML1\_ETO\_FUSION, ROSS\_AML\_WITH\_AML1\_ETO\_FUSION  
KEGG\_VEGF\_SIGNALING\_PATHWAY, KEGG\_VEGF\_SIGNALING\_PATHWAY  
JAZAERI\_BREAST\_CANCER\_BRCA1\_VS\_BRCA2\_UP, JAZAERI\_BREAST\_CANCER\_BRCA1\_VS\_BRCA2\_UP  
REACTOME\_SYNTHESIS\_OF\_SUBSTRATES\_IN\_N\_GLYCAN\_BIOSYNTHESIS, REACTOME\_SYNTHESIS\_OF\_SUBSTRATES\_IN\_N\_GLYCAN\_BIOSYNTHESIS  
HOFT\_CD4\_POSITIVE\_ALPHA\_BETA\_MEMORY\_T\_CELL\_BCG\_VACCINE\_AGE\_18\_45YO\_ID\_56D\_TOP\_100\_DEG\_AFTER\_IN\_VITRO\_R, HOFT\_CD4\_POSITIVE\_ALPHA\_BETA\_MEMORY\_T\_CELL\_BCG\_VACCINE\_AGE\_18\_45YO\_ID\_56D\_TOP\_100\_DEG\_AFTER\_IN\_VITRO\_R  
GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_CONTAINING\_COMPLEX\_ASSEMBLY, GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_CONTAINING\_COMPLEX\_ASSEMBLY  
GOBP\_NUCLEOTIDE\_SUGAR\_METABOLIC\_PROCESS, GOBP\_NUCLEOTIDE\_SUGAR\_METABOLIC\_PROCESS  
ZHU\_CMV\_8\_HR\_DN, ZHU\_CMV\_8\_HR\_DN  
MARSON\_FOXP3\_TARGETS\_UP, MARSON\_FOXP3\_TARGETS\_UP  
GOBP\_ENDOSOME\_TRANSPORT\_VIA\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY, GOBP\_ENDOSOME\_TRANSPORT\_VIA\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY  
KEGG\_LEUKOCYTE\_TRANSENDOTHELIAL\_MIGRATION, KEGG\_LEUKOCYTE\_TRANSENDOTHELIAL\_MIGRATION  
REACTOME\_SIGNALING\_BY\_BRAF\_AND\_RAF\_FUSIONS, REACTOME\_SIGNALING\_BY\_BRAF\_AND\_RAF\_FUSIONS  
GSE34156\_UNTREATED\_VS\_6H\_NOD2\_AND\_TLR1\_TLR2\_LIGAND\_TREATED\_MONOCYTE\_UP, GSE34156\_UNTREATED\_VS\_6H\_NOD2\_AND\_TLR1\_TLR2\_LIGAND\_TREATED\_MONOCYTE\_UP  
GCM\_MAPK10, GCM\_MAPK10  
MIR3668, MIR3668  
GOBP\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY, GOBP\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY  
MIR7155\_5P, MIR7155\_5P  
KEGG\_AMINO\_SUGAR\_AND\_NUCLEOTIDE\_SUGAR\_METABOLISM, KEGG\_AMINO\_SUGAR\_AND\_NUCLEOTIDE\_SUGAR\_METABOLISM  
KEGG\_LEISHMANIA\_INFECTION, KEGG\_LEISHMANIA\_INFECTION  
MIR664A\_5P, MIR664A\_5P  
HP\_DISPROPORTIONATE\_SHORT\_STATURE, HP\_DISPROPORTIONATE\_SHORT\_STATURE  
LIM\_MAMMARY\_LUMINAL\_MATURE\_UP, LIM\_MAMMARY\_LUMINAL\_MATURE\_UP  
HP\_THICK\_UPPER\_LIP, VERMILION, HP\_THICK\_UPPER\_LIP, VERMILION  
GOBP\_GLYCOSPHINGOLIPID\_METABOLIC\_PROCESS, GOBP\_GLYCOSPHINGOLIPID\_METABOLIC\_PROCESS  
GOBP\_POSITIVE\_REGULATION\_OF\_INTERLEUKIN\_8\_PRODUCTION, GOBP\_POSITIVE\_REGULATION\_OF\_INTERLEUKIN\_8\_PRODUCTION  
HP\_DYSOSTOSIS\_MULTIPLEX, HP\_DYSOSTOSIS\_MULTIPLEX  
TOMLINS\_PROSTATE\_CANCER\_UP, TOMLINS\_PROSTATE\_CANCER\_UP  
BIOCARTA\_ARENRF2\_PATHWAY, BIOCARTA\_ARENRF2\_PATHWAY  
CSE22025\_UNTREATED\_VS\_PROGESTERONE\_TREATED\_CD4\_TCELL\_UP, CSE22025\_UNTREATED\_VS\_PROGESTERONE\_TREATED\_CD4\_TCELL\_UP  
GOBP\_REGULATION\_OF\_TRANSLATIONAL\_INITIATION\_IN\_RESPONSE\_TO\_STRESS, GOBP\_REGULATION\_OF\_TRANSLATIONAL\_INITIATION\_IN\_RESPONSE\_TO\_STRESS  
KEGG\_GNRH\_SIGNALING\_PATHWAY, KEGG\_GNRH\_SIGNALING\_PATHWAY  
HP\_ACETABULAR\_DYSPLASIA, HP\_ACETABULAR\_DYSPLASIA  
BIOCARTA\_BCR\_PATHWAY, BIOCARTA\_BCR\_PATHWAY  
GOBP\_STEROID\_BIOSYNTHETIC\_PROCESS, GOBP\_STEROID\_BIOSYNTHETIC\_PROCESS  
WP\_NONGENOMIC\_ACTIONS\_OF\_125\_DIHYDROXYVITAMIN\_D3, WP\_NONGENOMIC\_ACTIONS\_OF\_125\_DIHYDROXYVITAMIN\_D3  
REACTOME\_ENDOSOMAL\_SORTING\_COMPLEX\_REQUIRED\_FOR\_TRANSPORT\_ESCRT, REACTOME\_ENDOSOMAL\_SORTING\_COMPLEX\_REQUIRED\_FOR\_TRANSPORT\_ESCRT  
BIOCARTA\_CALCINEURIN\_PATHWAY, BIOCARTA\_CALCINEURIN\_PATHWAY  
MIR380\_5P, MIR380\_5P  
GRABARCZYK\_BCL11B\_TARGETS\_DN, GRABARCZYK\_BCL11B\_TARGETS\_DN  
REACTOME\_GLYCOSPHINGOLIPID\_METABOLISM, REACTOME\_GLYCOSPHINGOLIPID\_METABOLISM  
REACTOME\_RHO\_GTPASES\_ACTIVATENADPH\_OXIDASES, REACTOME\_RHO\_GTPASES\_ACTIVATENADPH\_OXIDASES  
MIR637, MIR637  
GOBP\_NUCLEOTIDE\_SUGAR\_BIOSYNTHETIC\_PROCESS, GOBP\_NUCLEOTIDE\_SUGAR\_BIOSYNTHETIC\_PROCESS  
GOBP\_POSITIVE\_REGULATION\_OF\_INTERFERON\_GAMMA\_PRODUCTION, GOBP\_POSITIVE\_REGULATION\_OF\_INTERFERON\_GAMMA\_PRODUCTION  
HAHTOLA\_SEZARY\_SYNDROM\_DN, HAHTOLA\_SEZARY\_SYNDROM\_DN  
GOBP\_LATE\_ENDOSOME\_TO\_VACUOLE\_TRANSPORT, GOBP\_LATE\_ENDOSOME\_TO\_VACUOLE\_TRANSPORT  
GOBP\_MITOCHONDRIAL\_FISSION, GOBP\_MITOCHONDRIAL\_FISSION  
BIOCARTA\_GPCR\_PATHWAY, BIOCARTA\_GPCR\_PATHWAY  
WP\_HOSTPATHOGEN\_INTERACTION\_OF\_HUMAN\_CORONA\_VIRUSES\_MAPK\_SIGNALING, WP\_HOSTPATHOGEN\_INTERACTION\_OF\_HUMAN\_CORONA\_VIRUSES\_MAPK\_SIGNALING  
BIOCARTA\_SPPA\_PATHWAY, BIOCARTA\_SPPA\_PATHWAY  
BIOCARTA\_HDAC\_PATHWAY, BIOCARTA\_HDAC\_PATHWAY  
BIOCARTA\_MEF2D\_PATHWAY, BIOCARTA\_MEF2D\_PATHWAY  
PID\_NFKAPPAB\_ATYPICAL\_PATHWAY, PID\_NFKAPPAB\_ATYPICAL\_PATHWAY  
GOCC\_CLATHRIN\_ADAPTOR\_COMPLEX, GOCC\_CLATHRIN\_ADAPTOR\_COMPLEX  
BILBAN\_B\_CLL\_LPL\_UP, BILBAN\_B\_CLL\_LPL\_UP  
GOBP\_PIGMENT\_GRANULE\_ORGANIZATION, GOBP\_PIGMENT\_GRANULE\_ORGANIZATION  
REACTOME\_SYNTHESIS\_OF\_BILE\_ACIDS\_AND\_BILE\_SALTS\_VIA\_7ALPHA\_HYDROXYCHOLESTEROL, REACTOME\_SYNTHESIS\_OF\_BILE\_ACIDS\_AND\_BILE\_SALTS\_VIA\_7ALPHA\_HYDROXYCHOLESTEROL  
HP\_LARGE\_FOREHEAD, HP\_LARGE\_FOREHEAD  
KEGG\_LONG\_TERM\_POTENTIATION, KEGG\_LONG\_TERM\_POTENTIATION  
GOBP\_LATE\_ENDOSOME\_TO\_VACUOLE\_TRANSPORT\_VIA\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY, GOBP\_LATE\_ENDOSOME\_TO\_VACUOLE\_TRANSPORT\_VIA\_MULTIVESICULAR\_BODY\_SORTING\_PATHWAY  
GOBP\_REGULATION\_OF\_ARP2\_3\_COMPLEX\_MEDIATED\_ACTIN\_NUCLEATION, GOBP\_REGULATION\_OF\_ARP2\_3\_COMPLEX\_MEDIATED\_ACTIN\_NUCLEATION  
GOMF\_CADHERIN\_BINDING\_INVOLVED\_IN\_CELL\_CELL\_ADHESION, GOMF\_CADHERIN\_BINDING\_INVOLVED\_IN\_CELL\_CELL\_ADHESION  
HP\_DELAYED\_ABILITY\_TO\_SIT, HP\_DELAYED\_ABILITY\_TO\_SIT  
BIOCARTA\_BIOPEPTIDES\_PATHWAY, BIOCARTA\_BIOPEPTIDES\_PATHWAY  
HP\_HYPOPLASTIC\_VERTEBRAL\_BODIES, HP\_HYPOPLASTIC\_VERTEBRAL\_BODIES  
WP\_WNT\_SIGNALING, WP\_WNT\_SIGNALING  
CAGGGTC\_MIR504, CAGGGTC\_MIR504  
GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_POLYMERIZATION, GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_POLYMERIZATION  
ZNF502\_TARGET\_GENES, ZNF502\_TARGET\_GENES  
WP\_MYOMETRIAL\_RELAXATION\_AND\_CONTRACTION\_PATHWAYS, WP\_MYOMETRIAL\_RELAXATION\_AND\_CONTRACTION\_PATHWAYS  
FARDIN\_HYPOXIA\_I1, FARDIN\_HYPOXIA\_I1  
WP\_CHOLESTEROL\_BIOSYNTHESIS\_WITH\_SKELETAL\_DYSPLASIAS, WP\_CHOLESTEROL\_BIOSYNTHESIS\_WITH\_SKELETAL\_DYSPLASIAS  
HP\_DISPROPORTIONATE\_SHORT\_LIMB\_SHORT\_STATURE, HP\_DISPROPORTIONATE\_SHORT\_LIMB\_SHORT\_STATURE  
GOBP\_INTERLEUKIN\_8\_PRODUCTION, GOBP\_INTERLEUKIN\_8\_PRODUCTION  
SCHRAETS\_MLL\_TARGETS\_UP, SCHRAETS\_MLL\_TARGETS\_UP  
LMNB2\_TARGET\_GENES, LMNB2\_TARGET\_GENES  
MIR563, MIR563  
BIOCARTA\_PAR1\_PATHWAY, BIOCARTA\_PAR1\_PATHWAY  
GOBP\_SIGNAL\_TRANSDUCTION\_IN\_ABSENCE\_OF\_LIGAND, GOBP\_SIGNAL\_TRANSDUCTION\_IN\_ABSENCE\_OF\_LIGAND  
WP\_NANOPARTICLEMEDIATED\_ACTIVATION\_OF\_RECEPTOR\_SIGNALING, WP\_NANOPARTICLEMEDIATED\_ACTIVATION\_OF\_RECEPTOR\_SIGNALING  
WP\_EICOSANOID\_METABOLISM\_VIA\_CYCLO\_OXYGENASES\_COX, WP\_EICOSANOID\_METABOLISM\_VIA\_CYCLO\_OXYGENASES\_COX  
MODULE\_530, MODULE\_530  
HP\_ABNORMALITY\_OF\_CARPAL\_BONE\_OSSIFICATION, HP\_ABNORMALITY\_OF\_CARPAL\_BONE\_OSSIFICATION  
HP\_BARREL\_SHAPED\_CHEST, HP\_BARREL\_SHAPED\_CHEST  
HP\_ABNORMAL\_THALAMIC\_MRI\_SIGNAL\_INTENSITY, HP\_ABNORMAL\_THALAMIC\_MRI\_SIGNAL\_INTENSITY  
HP\_HYPOPLASIA\_OF\_THE\_ODONTOID\_PROCESS, HP\_HYPOPLASIA\_OF\_THE\_ODONTOID\_PROCESS  
BM11\_DN\_MEL18\_DN.V1\_DN, BM11\_DN\_MEL18\_DN.V1\_DN  
MIR432\_5P, MIR432\_5P  
KLEIN\_TARGETS\_OF\_BCR\_ABL1\_FUSION, KLEIN\_TARGETS\_OF\_BCR\_ABL1\_FUSION  
REACTOME\_WNT5A\_DEPENDENT\_INTERNALIZATION\_OF\_FZD4, REACTOME\_WNT5A\_DEPENDENT\_INTERNALIZATION\_OF\_FZD4  
PID\_THROMBIN\_PAR1\_PATHWAY, PID\_THROMBIN\_PAR1\_PATHWAY  
DOANE\_BREAST\_CANCER\_CLASSES\_UP, DOANE\_BREAST\_CANCER\_CLASSES\_UP  
PID\_ALK1\_PATHWAY, PID\_ALK1\_PATHWAY  
GOBP\_NEGATIVE\_REGULATION\_OF\_ACTIN\_NUCLEATION, GOBP\_NEGATIVE\_REGULATION\_OF\_ACTIN\_NUCLEATION  
GOCC\_TRAPP\_COMPLEX, GOCC\_TRAPP\_COMPLEX  
GOMF\_FATTY\_ACID\_BINDING, GOMF\_FATTY\_ACID\_BINDING  
WP\_SYNAPTIC\_VESICLE\_PATHWAY, WP\_SYNAPTIC\_VESICLE\_PATHWAY  
GOBP\_SYNAPTIC\_VESICLE\_CYTOSKELETAL\_TRANSPORT, GOBP\_SYNAPTIC\_VESICLE\_CYTOSKELETAL\_TRANSPORT  
REACTOME\_CALCINEURIN\_ACTIVATES\_NFAT, REACTOME\_CALCINEURIN\_ACTIVATES\_NFAT  
SQSTM1\_TARGET\_GENES, SQSTM1\_TARGET\_GENES  
GOBP\_NEGATIVE\_REGULATION\_OF\_ARP2\_3\_COMPLEX\_MEDIATED\_ACTIN\_NUCLEATION, GOBP\_NEGATIVE\_REGULATION\_OF\_ARP2\_3\_COMPLEX\_MEDIATED\_ACTIN\_NUCLEATION  
REACTOME\_P38MAPK\_EVENTS, REACTOME\_P38MAPK\_EVENTS  
REACTOME\_ASSEMBLY\_AND\_CELL\_SURFACE\_PRESENTATION\_OF\_NMDA\_RECEPTORS, REACTOME\_ASSEMBLY\_AND\_CELL\_SURFACE\_PRESENTATION\_OF\_NMDA\_RECEPTORS  
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  
HP\_LUMBAR\_HYPERLORDOSIS, HP\_LUMBAR\_HYPERLORDOSIS  
BIOCARTA\_CCR5\_PATHWAY, BIOCARTA\_CCR5\_PATHWAY  
ZHONG\_PFC\_C1\_NEUROD1\_POS\_EXCITATORY\_NEURON, ZHONG\_PFC\_C1\_NEUROD1\_POS\_EXCITATORY\_NEURON  
HP\_PERIVENTRICULAR\_WHITE\_MATTER\_HYPERDENSITIES, HP\_PERIVENTRICULAR\_WHITE\_MATTER\_HYPERDENSITIES  
GOBP\_PURINE\_DEOXYRIBONUCLEOTIDE\_METABOLIC\_PROCESS, GOBP\_PURINE\_DEOXYRIBONUCLEOTIDE\_METABOLIC\_PROCESS  
HP\_ABNORMALITY\_OF\_THE\_ODONTOID\_PROCESS, HP\_ABNORMALITY\_OF\_THE\_ODONTOID\_PROCESS  
GOBP\_REGULATION\_OF\_MITOCHONDRIAL\_FISSION, GOBP\_REGULATION\_OF\_MITOCHONDRIAL\_FISSION  
MAGRANGEAS\_MULTIPLE\_MYELOMA\_IJGL\_VS\_IJGL\_DN, MAGRANGEAS\_MULTIPLE\_MYELOMA\_IJGL\_VS\_IJGL\_DN  
BIOCARTA\_CREB\_PATHWAY, BIOCARTA\_CREB\_PATHWAY  
GOBP\_POSITIVE\_REGULATION\_OF\_EXTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY, GOBP\_POSITIVE\_REGULATION\_OF\_EXTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY  
GOBP\_HEPARAN\_SULFATE\_PROTEOGLYCAN\_BIOSYNTHETIC\_PROCESS, GOBP\_HEPARAN\_SULFATE\_PROTEOGLYCAN\_BIOSYNTHETIC\_PROCESS  
HP\_CHERRY\_RED\_SPOT\_OF\_THE\_MACULA, HP\_CHERRY\_RED\_SPOT\_OF\_THE\_MACULA  
GOBP\_SYNAPTIC\_VESICLE\_RECYCLING\_VIA\_ENDOSOME, GOBP\_SYNAPTIC\_VESICLE\_RECYCLING\_VIA\_ENDOSOME  
MODULE\_327, MODULE\_327  
GOBP\_RESPONSE\_TO\_REDOX\_STATE, GOBP\_RESPONSE\_TO\_REDOX\_STATE  
REACTOME\_TRIGLYCERIDE\_CATABOLISM, REACTOME\_TRIGLYCERIDE\_CATABOLISM  
GOCC\_STEREOCILUM\_BASE, GOCC\_STEREOCILUM\_BASE  
HP\_HYPOPLASTIC\_HIPPOCAMPUS, HP\_HYPOPLASTIC\_HIPPOCAMPUS  
GOBP\_PURINE\_DEOXYRIBONUCLEOTIDE\_CATABOLIC\_PROCESS, GOBP\_PURINE\_DEOXYRIBONUCLEOTIDE\_CATABOLIC\_PROCESS  
GOBP\_PURINE\_DEOXYRIBONUCLEOSIDE\_TRIPHOSPHATE\_METABOLIC\_PROCESS, GOBP\_PURINE\_DEOXYRIBONUCLEOSIDE\_TRIPHOSPHATE\_METABOLIC\_PROCESS  
HP\_TYPE\_II\_LISSENCEPHALY, HP\_TYPE\_II\_LISSENCEPHALY  
REACTOME\_CYTOSOLIC\_IRON\_SULFUR\_CLUSTER\_ASSEMBLY, REACTOME\_CYTOSOLIC\_IRON\_SULFUR\_CLUSTER\_ASSEMBLY