

DAY1\_YF17D\_VACCINE\_PBM\_C\_UP, GSE13485\_CTRL\_VS\_DAY1\_YF17D\_VACCINE\_PBM\_C\_UP

GSE13485\_DAY1\_VS\_DAY7\_YF17D\_VACCINE\_PBM\_C\_DN, GSE13485\_DAY1\_VS\_DAY7\_YF17D\_VACCINE\_PBM\_C\_DN  
GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTIL\_IL12\_2H\_CD4\_TCELL\_DN, GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTIL\_IL12\_2H\_CD4\_TCELL\_DN  
GSE44649\_NAIVE\_VS\_ACTIVATED\_CD8\_TCELL\_MIR155\_KO\_DN, GSE44649\_NAIVE\_VS\_ACTIVATED\_CD8\_TCELL\_MIR155\_KO\_DN  
GSE13485\_DAY1\_VS\_DAY3\_YF17D\_VACCINE\_PBM\_C\_DN, GSE13485\_DAY1\_VS\_DAY3\_YF17D\_VACCINE\_PBM\_C\_DN  
GSE17974\_0H\_VS\_1H\_IN\_VITRO\_ACT\_CD4\_TCELL\_DN, GSE17974\_0H\_VS\_1H\_IN\_VITRO\_ACT\_CD4\_TCELL\_DN  
GSE28726\_NAIVE\_VS\_ACTIVATED\_NKTCELL\_DN, GSE28726\_NAIVE\_VS\_ACTIVATED\_NKTCELL\_DN  
GSE13485\_DAY1\_VS\_DAY21\_YF17D\_VACCINE\_PBM\_C\_DN, GSE13485\_DAY1\_VS\_DAY21\_YF17D\_VACCINE\_PBM\_C\_DN  
GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTIL\_IL12\_1H\_CD4\_TCELL\_DN, GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTIL\_IL12\_1H\_CD4\_TCELL\_DN  
GSE13484\_UNSTIM\_VS\_12H\_YF17D\_VACCINE\_STIM\_PBM\_C\_DN, GSE13484\_UNSTIM\_VS\_12H\_YF17D\_VACCINE\_STIM\_PBM\_C\_DN  
GSE29949\_MICROGLIA\_BRAIN\_VS\_CD8\_POS\_DC\_SPLEEN\_UP, GSE29949\_MICROGLIA\_BRAIN\_VS\_CD8\_POS\_DC\_SPLEEN\_UP  
GSE17974\_IL4\_AND\_ANTIL\_IL12\_VS\_UNTREATED\_12H\_ACT\_CD4\_TCELL\_UP, GSE17974\_IL4\_AND\_ANTIL\_IL12\_VS\_UNTREATED\_12H\_ACT\_CD4\_TCELL\_UP  
GSE18804\_BRAIN\_VS\_COLON\_TUMORAL\_MACROPHAGE\_DN, GSE18804\_BRAIN\_VS\_COLON\_TUMORAL\_MACROPHAGE\_DN  
MIR525\_5P, MIR525\_5P  
MIR520A\_5P, MIR520A\_5P  
GSE17721\_CTRL\_VS\_POLYIC\_24H\_BMDC\_DN, GSE17721\_CTRL\_VS\_POLYIC\_24H\_BMDC\_DN  
GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTIL\_IL12\_0.5H\_CD4\_TCELL\_DN, GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTIL\_IL12\_0.5H\_CD4\_TCELL\_DN  
GSE45365\_CD8A\_DC\_VS\_CD11B\_DC\_IFNAR\_KO\_DN, GSE45365\_CD8A\_DC\_VS\_CD11B\_DC\_IFNAR\_KO\_DN  
GSE25123\_CTRL\_VS\_ROSIGLITAZONE\_STIM\_PPARG\_KO\_MACROPHAGE\_DN, GSE25123\_CTRL\_VS\_ROSIGLITAZONE\_STIM\_PPARG\_KO\_MACROPHAGE\_DN  
ELVIDGE\_HIF1A\_TARGETS\_UP, ELVIDGE\_HIF1A\_TARGETS\_UP  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_2H\_UP, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_2H\_UP  
GSE5589\_UNSTIM\_VS\_45MIN\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_DN, GSE5589\_UNSTIM\_VS\_45MIN\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_DN  
GSE27291\_0H\_VS\_7D\_STIM\_GAMMADELTA\_TCELL\_UP, GSE27291\_0H\_VS\_7D\_STIM\_GAMMADELTA\_TCELL\_UP  
MIR802, MIR802  
GSE17974\_0H\_VS\_0.5H\_IN\_VITRO\_ACT\_CD4\_TCELL\_DN, GSE17974\_0H\_VS\_0.5H\_IN\_VITRO\_ACT\_CD4\_TCELL\_DN  
GSE15659\_RESTING\_VS\_ACTIVATED\_TREG\_DN, GSE15659\_RESTING\_VS\_ACTIVATED\_TREG\_DN  
GSE21927\_HEALTHY\_VS\_TUMOROUS\_BALBC\_MOUSE\_MONOCYTE\_UP, GSE21927\_HEALTHY\_VS\_TUMOROUS\_BALBC\_MOUSE\_MONOCYTE\_UP  
MIR4428, MIR4428  
GOMF\_PROTEIN\_METHYLTRANSFERASE\_ACTIVITY, GOMF\_PROTEIN\_METHYLTRANSFERASE\_ACTIVITY  
MIR6131, MIR6131  
ATF6\_01, ATF6\_01  
GSE18281\_SUBCAPSULAR\_VS\_PERIMEDULLARY\_CORTICAL\_REGION\_OF\_THYMUS\_DN, GSE18281\_SUBCAPSULAR\_VS\_PERIMEDULLARY\_CORTICAL\_REGION\_OF\_THYMUS\_DN  
MIR5189\_5P, MIR5189\_5P  
GSE15659\_NAIVE\_VS\_PTPRC\_NEG\_CD4\_TCELL\_DN, GSE15659\_NAIVE\_VS\_PTPRC\_NEG\_CD4\_TCELL\_DN  
MAYBURD\_RESPONSE\_TO\_L663536\_DN, MAYBURD\_RESPONSE\_TO\_L663536\_DN  
GSE16385\_IFNG\_TNF\_VS\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_UP, GSE16385\_IFNG\_TNF\_VS\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_UP  
MIR3187\_5P, MIR3187\_5P  
CCM\_BAG5, CCM\_BAG5  
BRUINS\_UVC\_RESPONSE\_MIDDLE, BRUINS\_UVC\_RESPONSE\_MIDDLE  
MIR6849\_3P, MIR6849\_3P  
MIR4699\_5P, MIR4699\_5P  
MIR4696, MIR4696  
GSE29618\_PRE\_VS\_DAY7\_FLU\_VACCINE\_BCELL\_UP, GSE29618\_PRE\_VS\_DAY7\_FLU\_VACCINE\_BCELL\_UP  
MIR6796\_3P, MIR6796\_3P  
MIR5089\_5P, MIR5089\_5P  
MIR4786\_5P, MIR4786\_5P  
MIR4793\_3P, MIR4793\_3P  
MIR4786\_3P, MIR4786\_3P  
GSE13485\_PRE\_VS\_POST\_YF17D\_VACCINATION\_PBM\_C\_UP, GSE13485\_PRE\_VS\_POST\_YF17D\_VACCINATION\_PBM\_C\_UP  
MIR556\_3P, MIR556\_3P  
MIR6776\_3P, MIR6776\_3P  
MIR147A, MIR147A  
MIR7153\_3P, MIR7153\_3P  
MIR1910\_5P, MIR1910\_5P  
MIR610, MIR610  
MIR1228\_3P, MIR1228\_3P  
REACTOME\_CYCLIN\_D\_ASSOCIATED\_EVENTS\_IN\_G1, REACTOME\_CYCLIN\_D\_ASSOCIATED\_EVENTS\_IN\_G1  
MIR100\_3P, MIR100\_3P  
GSE25088\_CTRL\_VS\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DN, GSE25088\_CTRL\_VS\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DN  
MIR3912\_5P, MIR3912\_5P  
MIR17\_3P, MIR17\_3P  
MIR549A\_3P, MIR549A\_3P  
NIKOLSKY\_BREAST\_CANCER\_20Q12\_Q13\_AMPLICON, NIKOLSKY\_BREAST\_CANCER\_20Q12\_Q13\_AMPLICON  
MIR3617\_3P, MIR3617\_3P  
MIR411\_5P, MIR411\_5P  
CCAWWNAAGG\_SRF\_Q4, CCAWWNAAGG\_SRF\_Q4  
MIR647, MIR647  
GOBP\_ENDOPLASMIC\_RETICULUM\_TO\_CYTOSOL\_TRANSPORT, GOBP\_ENDOPLASMIC\_RETICULUM\_TO\_CYTOSOL\_TRANSPORT  
MIR668\_3P, MIR668\_3P  
GSE13485\_CTRL\_VS\_DAY3\_YF17D\_VACCINE\_PBM\_C\_UP, GSE13485\_CTRL\_VS\_DAY3\_YF17D\_VACCINE\_PBM\_C\_UP  
MIR108\_3P, MIR108\_3P  
HOFT\_CD4\_POSITIVE\_ALPHA\_BETA\_MEMORY\_T\_CELL\_BCG\_VACCINE\_AGE\_18\_45YO\_ID\_56D\_TOP\_100\_DEG\_AFTER\_IN\_VITRO\_RE\_STIMULATION\_DN, HOFT\_CD4\_POSITIVE\_ALPHA\_BETA\_MEMORY\_T\_CELL\_BCG\_VACCINE\_AGE\_18\_45YO\_ID\_56D\_TOP\_100\_DEG\_AFTER\_IN\_VITRO\_RE\_STIMULATION\_DN  
GOMF\_PHOSPHATIDYLINOSITOL\_PHOSPHATE\_PHOSPHATASE\_ACTIVITY, GOMF\_PHOSPHATIDYLINOSITOL\_PHOSPHATE\_PHOSPHATASE\_ACTIVITY  
MIR6807\_5P, MIR6807\_5P  
WP\_GLYCOSYLATION\_AND\_RELATED\_CONGENITAL\_DEFECTS, WP\_GLYCOSYLATION\_AND\_RELATED\_CONGENITAL\_DEFECTS  
GOBP\_GOLGI\_TO\_VACUOLE\_TRANSPORT, GOBP\_GOLGI\_TO\_VACUOLE\_TRANSPORT  
MIR4298, MIR4298  
GRADE\_COLON\_VS\_RECTAL\_CANCER\_UP, GRADE\_COLON\_VS\_RECTAL\_CANCER\_UP  
REACTOME\_PROTEIN\_METHYLATION, REACTOME\_PROTEIN\_METHYLATION  
HOFMANN\_CELL\_LYMPHOMA\_UP, HOFMANN\_CELL\_LYMPHOMA\_UP  
MIR3126\_3P, MIR3126\_3P  
MIR921, MIR921  
GTAGGCA\_MIR189, GTAGGCA\_MIR189  
ACATATC\_MIR190, ACATATC\_MIR190  
MIR3659, MIR3659  
BIOCARTA\_GLEEVEC\_PATHWAY, BIOCARTA\_GLEEVEC\_PATHWAY  
WP\_IL1\_AND\_MEGAKARYOCYTES\_IN\_OBESITY, WP\_IL1\_AND\_MEGAKARYOCYTES\_IN\_OBESITY  
GOBP\_REGULATION\_OF\_ENDOPLASMIC\_RETICULUM\_UNFOLDED\_PROTEIN\_RESPONSE, GOBP\_REGULATION\_OF\_ENDOPLASMIC\_RETICULUM\_UNFOLDED\_PROTEIN\_RESPONSE  
STANELLE\_E2F1\_TARGETS, STANELLE\_E2F1\_TARGETS  
GAZDA\_DIAMOND\_BLACKFAN\_ANEMIA\_PROGENITOR\_UP, GAZDA\_DIAMOND\_BLACKFAN\_ANEMIA\_PROGENITOR\_UP  
GOBP\_REGULATION\_OF\_CLATHRIN\_DEPENDENT\_ENDOCYTOSIS, GOBP\_REGULATION\_OF\_CLATHRIN\_DEPENDENT\_ENDOCYTOSIS  
GOBP\_PHOSPHATIDYLINOSITOL\_DEPHOSPHORYLATION, GOBP\_PHOSPHATIDYLINOSITOL\_DEPHOSPHORYLATION  
KYNQ\_ENVIRONMENTAL\_STRESS\_RESPONSE\_NOT\_BY\_4NQO\_IN\_WS, KYNQ\_ENVIRONMENTAL\_STRESS\_RESPONSE\_NOT\_BY\_4NQO\_IN\_WS  
REACTOME\_DISEASES\_ASSOCIATED\_WITH\_N\_GLYCOSYLATION\_OF\_PROTEINS, REACTOME\_DISEASES\_ASSOCIATED\_WITH\_N\_GLYCOSYLATION\_OF\_PROTEINS  
MIR6750\_5P, MIR6750\_5P  
GOBP\_ENDOPLASMIC\_RETICULUM\_TUBULAR\_NETWORK\_ORGANIZATION, GOBP\_ENDOPLASMIC\_RETICULUM\_TUBULAR\_NETWORK\_ORGANIZATION  
MIR4686, MIR4686  
GOMF\_3\_5\_DNA\_HELICASE\_ACTIVITY, GOMF\_3\_5\_DNA\_HELICASE\_ACTIVITY  
KYNQ\_ENVIRONMENTAL\_STRESS\_RESPONSE\_NOT\_BY\_GAMMA\_IN\_OLD, KYNQ\_ENVIRONMENTAL\_STRESS\_RESPONSE\_NOT\_BY\_GAMMA\_IN\_OLD  
PAFL\_TARGET\_GENES, PAFL\_TARGET\_GENES  
MIR4320, MIR4320  
MIR4278, MIR4278  
MIR4683, MIR4683  
GOBP\_FIBROBLAST\_MIGRATION, GOBP\_FIBROBLAST\_MIGRATION  
GOMF\_K63\_LINKED\_POLYUBIQUITIN\_MODIFICATION\_DEPENDENT\_PROTEIN\_BINDING, GOMF\_K63\_LINKED\_POLYUBIQUITIN\_MODIFICATION\_DEPENDENT\_PROTEIN\_BINDING  
MIR6822\_5P, MIR6822\_5P  
WP\_SPHINGOLIPID\_PATHWAY, WP\_SPHINGOLIPID\_PATHWAY  
AIYAR\_COBRA1\_TARGETS\_UP, AIYAR\_COBRA1\_TARGETS\_UP  
TOMLINS\_METASTASIS\_DN, TOMLINS\_METASTASIS\_DN  
KYNQ\_ENVIRONMENTAL\_STRESS\_RESPONSE\_DN, KYNQ\_ENVIRONMENTAL\_STRESS\_RESPONSE\_DN  
GOBP\_REGULATION\_OF\_RETROGRADE\_PROTEIN\_TRANSPORT\_ER\_TO\_CYTOSOL, GOBP\_REGULATION\_OF\_RETROGRADE\_PROTEIN\_TRANSPORT\_ER\_TO\_CYTOSOL  
HP\_HAPPY\_DEMEANOR, HP\_HAPPY\_DEMEANOR  
GOMF\_UBIQUITIN\_CONJUGATING\_ENZYME\_BINDING, GOMF\_UBIQUITIN\_CONJUGATING\_ENZYME\_BINDING  
HP\_TRUNCUS\_ARTERIOSUS, HP\_TRUNCUS\_ARTERIOSUS  
GOBP\_REGULATION\_OF\_RECEPTOR\_MEDIATED\_ENDOCYTOSIS, GOBP\_REGULATION\_OF\_RECEPTOR\_MEDIATED\_ENDOCYTOSIS  
MIR490\_5P, MIR490\_5P  
GOBP\_POSITIVE\_REGULATION\_OF\_EARLY\_ENDOSOME\_TO\_LATE\_ENDOSOME\_TRANSPORT, GOBP\_POSITIVE\_REGULATION\_OF\_EARLY\_ENDOSOME\_TO\_LATE\_ENDOSOME\_TRANSPORT  
HP\_NARROW\_ILIAC\_WINGS, HP\_NARROW\_ILIAC\_WINGS  
MIR616\_3P, MIR616\_3P  
GOBP\_DNA\_CATABOLIC\_PROCESS\_ENDONUCLEOLYTIC, GOBP\_DNA\_CATABOLIC\_PROCESS\_ENDONUCLEOLYTIC  
MIR10400\_3P, MIR4674, MIR10400\_3P, MIR4674  
WP\_SPHINGOLIPID\_METABOLISM\_INTEGRATED\_PATHWAY, WP\_SPHINGOLIPID\_METABOLISM\_INTEGRATED\_PATHWAY  
GSE18281\_SUBCAPSULAR\_CORTICAL\_REGION\_VS\_WHOLE\_MEDULLA\_THYMUS\_DN, GSE18281\_SUBCAPSULAR\_CORTICAL\_REGION\_VS\_WHOLE\_MEDULLA\_THYMUS\_DN  
AMIT\_SERUM\_RESPONSE\_480\_MCF10A, AMIT\_SERUM\_RESPONSE\_480\_MCF10A  
GOMF\_STEROID\_HORMONE\_RECEPTOR\_ACTIVITY, GOMF\_STEROID\_HORMONE\_RECEPTOR\_ACTIVITY  
GOBP\_REGULATION\_OF\_PROTEIN\_EXIT\_FROM\_ENDOPLASMIC\_RETICULUM, GOBP\_REGULATION\_OF\_PROTEIN\_EXIT\_FROM\_ENDOPLASMIC\_RETICULUM  
HP\_MUSCLE\_FIBER\_TUBULAR\_INCLUSIONS, HP\_MUSCLE\_FIBER\_TUBULAR\_INCLUSIONS  
GOBP\_VESICLE\_TETHERING, GOBP\_VESICLE\_TETHERING  
GARGALOVIC\_RESPONSE\_TO\_OXIDIZED\_PHOSPHOLIPIDS\_YELLOW\_DN, GARGALOVIC\_RESPONSE\_TO\_OXIDIZED\_PHOSPHOLIPIDS\_YELLOW\_DN  
WP\_SPHINGOLIPID\_METABOLISM\_GENERAL\_OVERVIEW, WP\_SPHINGOLIPID\_METABOLISM\_GENERAL\_OVERVIEW  
GOBP\_EMBRYO\_IMPLANTATION, GOBP\_EMBRYO\_IMPLANTATION  
MODULE\_249, MODULE\_249  
GOMF\_CARBOXYPEPTIDASE\_ACTIVITY, GOMF\_CARBOXYPEPTIDASE\_ACTIVITY  
REACTOME\_SERINE\_BIOSYNTHESIS, REACTOME\_SERINE\_BIOSYNTHESIS  
GOCC\_GATOR1\_COMPLEX, GOCC\_GATOR1\_COMPLEX  
GOCC\_MRNA\_EDITING\_COMPLEX, GOCC\_MRNA\_EDITING\_COMPLEX  
MIR1296\_3P, MIR1296\_3P  
MIR171, MIR171  
HP\_TYPE\_IL12\_TRANSFERRIN\_ISOFORM\_PROFILE, HP\_TYPE\_IL12\_TRANSFERRIN\_ISOFORM\_PROFILE  
REACTOME\_SMALL\_INTERFERING\_RNA\_SIRNA\_BIOGENESIS, REACTOME\_SMALL\_INTERFERING\_RNA\_SIRNA\_BIOGENESIS  
GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_EXIT\_FROM\_ENDOPLASMIC\_RETICULUM, GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_EXIT\_FROM\_ENDOPLASMIC\_RETICULUM  
GOBP\_PROTEIN\_INSERTION\_INTO\_ER\_MEMBRANE\_BY\_STOP\_TRANSFER\_MEMBRANE\_ANCHOR\_SEQUENCE, GOBP\_PROTEIN\_INSERTION\_INTO\_ER\_MEMBRANE\_BY\_STOP\_TRANSFER\_MEMBRANE\_ANCHOR\_SEQUENCE  
GOCC EMC\_COMPLEX, GOCC EMC\_COMPLEX  
GOBP\_REGULATION\_OF\_GAMMA\_DELTA\_T\_CELL\_DIFFERENTIATION, GOBP\_REGULATION\_OF\_GAMMA\_DELTA\_T\_CELL\_DIFFERENTIATION  
GOBP\_T\_CELL\_HOMEOSTASIS, GOBP\_T\_CELL\_HOMEOSTASIS  
GOBP\_SPLEEN\_DEVELOPMENT, GOBP\_SPLEEN\_DEVELOPMENT  
MIR3691\_5P, MIR3691\_5P  
HP\_FEMALE\_PSEUDOHERMAPHRODITISM, HP\_FEMALE\_PSEUDOHERMAPHRODITISM  
HP\_NON\_MEDULLARY\_THYROID\_CARCINOMA, HP\_NON\_MEDULLARY\_THYROID\_CARCINOMA  
RAMJAUN\_APOPTOSIS\_BY\_TGFB1\_VIA\_MAPK1\_DN, RAMJAUN\_APOPTOSIS\_BY\_TGFB1\_VIA\_MAPK1\_DN  
GOBP\_REGULATION\_OF\_FIBROBLAST\_MIGRATION, GOBP\_REGULATION\_OF\_FIBROBLAST\_MIGRATION  
GOMF\_PHOSPHATIDYLINOSITOL\_MONOPHOSPHATE\_PHOSPHATASE\_ACTIVITY, GOMF\_PHOSPHATIDYLINOSITOL\_MONOPHOSPHATE\_PHOSPHATASE\_ACTIVITY  
GOBP\_UV\_PROTECTION, GOBP\_UV\_PROTECTION  
GOMF\_MEMBRANE\_INSERTASE\_ACTIVITY, GOMF\_MEMBRANE\_INSERTASE\_ACTIVITY  
GOBP\_VESICLE\_TETHERING\_TO\_GOLGI, GOBP\_VESICLE\_TETHERING\_TO\_GOLGI  
HP\_PAPILLARY\_RENAL\_CELL\_CARCINOMA, HP\_PAPILLARY\_RENAL\_CELL\_CARCINOMA  
HP\_ABNORMAL\_CIRCULATING\_ACETYLCARNITINE\_CONCENTRATION, HP\_ABNORMAL\_CIRCULATING\_ACETYLCARNITINE\_CONCENTRATION  
REACTOME\_SYNTHESIS\_OF\_IP2\_IP\_AND\_INS\_IN\_THE\_CYTOSOL, REACTOME\_SYNTHESIS\_OF\_IP2\_IP\_AND\_INS\_IN\_THE\_CYTOSOL  
GOMF\_PHOSPHATIDYLINOSITOL\_4\_5\_BISPHOSPHATE\_5\_PHOSPHATASE\_ACTIVITY, GOMF\_PHOSPHATIDYLINOSITOL\_4\_5\_BISPHOSPHATE\_5\_PHOSPHATASE\_ACTIVITY  
HP\_VACUOLATED\_LYMPHOCYTES, HP\_VACUOLATED\_LYMPHOCYTES  
GOMF\_DNA\_CLAMP\_LOADER\_ACTIVITY, GOMF\_DNA\_CLAMP\_LOADER\_ACTIVITY  
GOMF\_TRIPLET\_CODON\_AMINO\_ACID\_ADAPTOR\_ACTIVITY, GOMF\_TRIPLET\_CODON\_AMINO\_ACID\_ADAPTOR\_ACTIVITY  
HP\_TYPE\_1\_MUSCLE\_FIBER\_PREDOMINANCE, HP\_TYPE\_1\_MUSCLE\_FIBER\_PREDOMINANCE  
GOMF\_PHOSPHATIDYLINOSITOL\_PHOSPHATE\_5\_PHOSPHATASE\_ACTIVITY, GOMF\_PHOSPHATIDYLINOSITOL\_PHOSPHATE\_5\_PHOSPHATASE\_ACTIVITY  
WP\_MAMMARY\_GLAND\_DEVELOPMENT\_PATHWAY\_PUBERTY\_STAGE\_2\_OF\_4, WP\_MAMMARY\_GLAND\_DEVELOPMENT\_PATHWAY\_PUBERTY\_STAGE\_2\_OF\_4  
HP\_SINGLE\_FIBER\_EMG\_ABNORMALITY, HP\_SINGLE\_FIBER\_EMG\_ABNORMALITY  
GOCC\_CTF18\_RFC\_LIKE\_COMPLEX, GOCC\_CTF18\_RFC\_LIKE\_COMPLEX  
BIOCARTA\_P35ALZHEIMERS\_PATHWAY, BIOCARTA\_P35ALZHEIMERS\_PATHWAY  
VARELA\_ZMPSTE24\_TARGETS\_DN, VARELA\_ZMPSTE24\_TARGETS\_DN  
HP\_NODULAR\_GOTTER, HP\_NODULAR\_GOTTER  
REACTOME\_REACTIONS\_SPECIFIC\_TO\_THE\_COMPLEX\_N\_GLYCAN\_SYNTHESIS\_PATHWAY, REACTOME\_REACTIONS\_SPECIFIC\_TO\_THE\_COMPLEX\_N\_GLYCAN\_SYNTHESIS\_PATHWAY  
CHASSOT\_SKIN\_WOUND, CHASSOT\_SKIN\_WOUND  
GOMF\_RRNA\_ADENINE\_METHYLTRANSFERASE\_ACTIVITY, GOMF\_RRNA\_ADENINE\_METHYLTRANSFERASE\_ACTIVITY  
GOCC\_EKC\_KEOPS\_COMPLEX, GOCC\_EKC\_KEOPS\_COMPLEX  
PID\_TCR\_JNK\_PATHWAY, PID\_TCR\_JNK\_PATHWAY  
MODULE\_360, MODULE\_360  
HP\_ONION\_BULB\_FORMATION, HP\_ONION\_BULB\_FORMATION  
GOBP\_REGULATION\_OF\_GROWTH\_HORMONE\_SECRETION, GOBP\_REGULATION\_OF\_GROWTH\_HORMONE\_SECRETION  
HP\_OLIGOMENORRHEA, HP\_OLIGOMENORRHEA  
chr8q22, chr8q22  
HP\_NONKETOTIC\_HYPOGLYCEMIA, HP\_NONKETOTIC\_HYPOGLYCEMIA  
ABE\_VEGFA\_TARGETS\_30MIN, ABE\_VEGFA\_TARGETS\_30MIN  
HP\_UPGAZE\_PALSY, HP\_UPGAZE\_PALSY  
chr10p14, chr10p14  
MIR6814\_3P, MIR6872\_5P, MIR6814\_3P, MIR6872\_5P  
HP\_RESPONSE\_TO\_DRUGS\_ACTING\_ON\_NEUROMUSCULAR\_TRANSMISSION, HP\_RESPONSE\_TO\_DRUGS\_ACTING\_ON\_NEUROMUSCULAR\_TRANSMISSION  
GOCC\_NSL\_COMPLEX, GOCC\_NSL\_COMPLEX  
GOBP\_DOUBLE\_STRAND\_BREAK\_REPAIR\_VIA\_SYNTHESIS\_DEPENDENT\_STRAND\_ANNHEALING, GOBP\_DOUBLE\_STRAND\_BREAK\_REPAIR\_VIA\_SYNTHESIS\_DEPENDENT\_STRAND\_ANNHEALING  
GOBP\_DIAPEDESIS, GOBP\_DIAPEDESIS  
HP\_SCALING\_SKIN, HP\_SCALING\_SKIN  
GOMF\_FOUR\_WAY\_JUNCTION\_HELICASE\_ACTIVITY, GOMF\_FOUR\_WAY\_JUNCTION\_HELICASE\_ACTIVITY  
OSAWA\_TNE\_TARGETS, OSAWA\_TNE\_TARGETS  
GOBP\_CARNITINE\_METABOLIC\_PROCESS, GOBP\_CARNITINE\_METABOLIC\_PROCESS  
GOBP\_REGULATION\_OF\_ER\_TO\_GOLGI\_VESICLE\_MEDIATED\_TRANSPORT, GOBP\_REGULATION\_OF\_ER\_TO\_GOLGI\_VESICLE\_MEDIATED\_TRANSPORT  
REACTOME\_MET\_ACTIVATES\_RAP1\_AND\_RAC1, REACTOME\_MET\_ACTIVATES\_RAP1\_AND\_RAC1  
GOBP\_RESPONSE\_TO\_UV\_A, GOBP\_RESPONSE\_TO\_UV\_A  
chr14q21, chr14q21  
HP\_ELEVATED\_CIRCULATING\_FOLLICLE\_STIMULATING\_HORMONE\_LEVEL, HP\_ELEVATED\_CIRCULATING\_FOLLICLE\_STIMULATING\_HORMONE\_LEVEL  
ERWIN\_COHEN\_BLOOD\_VACCINE\_TC\_83\_AGE\_23\_48YO\_VACCINATED\_VS\_CONTROL\_7DY\_DN, ERWIN\_COHEN\_BLOOD\_VACCINE\_TC\_83\_AGE\_23\_48YO\_VACCINATED\_VS\_CONTROL\_7DY\_DN  
HP\_DUPLICATION\_OF\_THE\_DISTAL\_PHALANX\_OF\_THE\_THUMB, HP\_DUPLICATION\_OF\_THE\_DISTAL\_PHALANX\_OF\_THE\_THUMB  
HP\_ARM\_DYSTONIA, HP\_ARM\_DYSTONIA  
GOBP\_REGULATION\_OF\_MEMBRANE\_TUBULATION, GOBP\_REGULATION\_OF\_MEMBRANE\_TUBULATION  
HP\_CHRONIC\_NONINFECTIOUS\_LYMPHADENOPATHY, HP\_CHRONIC\_NONINFECTIOUS\_LYMPHADENOPATHY  
HP\_INCREASED\_CIRCULATING\_ACTH\_LEVEL, HP\_INCREASED\_CIRCULATING\_ACTH\_LEVEL  
BIOCARTA\_ACTIN\_PATHWAY, BIOCARTA\_ACTIN\_PATHWAY