

LITAZONE\_TREATED\_MACROPHAGE\_DN, GSE16385\_MONOCYTE\_VS\_12H\_ROSIGLITAZONE\_TREATED\_MACROPHAGE\_DN

GSE14769\_UNSTIM\_VS\_80MIN\_LPS\_BMDM\_UP, GSE14769\_UNSTIM\_VS\_80MIN\_LPS\_BMDM\_UP  
GSE6674\_ANTLJGM\_VS\_CPG\_STIM\_BCELL\_UP, GSE6674\_ANTLJGM\_VS\_CPG\_STIM\_BCELL\_UP  
GSE23925\_DARK\_ZONE\_VS\_NAIVE\_BCELL\_UP, GSE23925\_DARK\_ZONE\_VS\_NAIVE\_BCELL\_UP  
GSE23925\_LIGHT\_ZONE\_VS\_NAIVE\_BCELL\_DN, GSE23925\_LIGHT\_ZONE\_VS\_NAIVE\_BCELL\_DN  
GSE17721\_PAM3CSK4\_VS\_CPG\_24H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_CPG\_24H\_BMDC\_DN  
GSE42021\_CD24LO\_TREG\_VS\_CD24LO\_TCONV\_THYMUS\_UP, GSE42021\_CD24LO\_TREG\_VS\_CD24LO\_TCONV\_THYMUS\_UP  
GSE25088\_CTRL\_VS\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_UP, GSE25088\_CTRL\_VS\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_UP  
GSE21063\_CTRL\_VS\_ANTLJGM\_STIM\_BCELL\_3H\_DN, GSE21063\_CTRL\_VS\_ANTLJGM\_STIM\_BCELL\_3H\_DN  
GSE30153\_LUPUS\_VS\_HEALTHY\_DONOR\_BCELL\_UP, GSE30153\_LUPUS\_VS\_HEALTHY\_DONOR\_BCELL\_UP  
MIR603, MIR603  
GSE26669\_CD4\_VS\_CD8\_TCELL\_IN\_MLR\_DN, GSE26669\_CD4\_VS\_CD8\_TCELL\_IN\_MLR\_DN  
GSE32255\_UNSTIM\_VS\_4H\_LPS\_STIM\_DC\_DN, GSE32255\_UNSTIM\_VS\_4H\_LPS\_STIM\_DC\_DN  
FIGUEROA\_AML\_METHYLATION\_CLUSTER\_3\_UP, FIGUEROA\_AML\_METHYLATION\_CLUSTER\_3\_UP  
MIR4673, MIR4673  
GSE16385\_UNTREATED\_VS\_12H\_ROSIGLITAZONE\_IFNG\_TNF\_TREATED\_MACROPHAGE\_DN, GSE16385\_UNTREATED\_VS\_12H\_ROSIGLITAZONE\_IFNG\_TNF\_TREATED\_MACROPHAGE\_DN  
GOBP\_MAINTENANCE\_OF\_CELL\_NUMBER, GOBP\_MAINTENANCE\_OF\_CELL\_NUMBER  
FIGUEROA\_AML\_METHYLATION\_CLUSTER\_7\_UP, FIGUEROA\_AML\_METHYLATION\_CLUSTER\_7\_UP  
FIGUEROA\_AML\_METHYLATION\_CLUSTER\_4\_UP, FIGUEROA\_AML\_METHYLATION\_CLUSTER\_4\_UP  
MIR3679\_5P, MIR3679\_5P  
JAZAG\_TGFB1\_SIGNALING\_UP, JAZAG\_TGFB1\_SIGNALING\_UP  
AHRARNT\_01, AHRARNT\_01  
GOCC\_ER\_TO\_GOLGI\_TRANSPORT\_VESICLE\_MEMBRANE, GOCC\_ER\_TO\_GOLGI\_TRANSPORT\_VESICLE\_MEMBRANE  
HP\_TRIGONOCEPHALY, HP\_TRIGONOCEPHALY  
ELLWOOD\_MYC\_TARGETS\_DN, ELLWOOD\_MYC\_TARGETS\_DN  
GOBP\_PRE\_MIRNA\_PROCESSING, GOBP\_PRE\_MIRNA\_PROCESSING  
MIR3184\_3P, MIR3184\_3P  
MIR6847\_3P, MIR6847\_3P  
MIR3661, MIR3661  
FIGUEROA\_AML\_METHYLATION\_CLUSTER\_2\_UP, FIGUEROA\_AML\_METHYLATION\_CLUSTER\_2\_UP  
HP\_ESOPHAGEAL\_VARIX, HP\_ESOPHAGEAL\_VARIX  
MA\_MYELOID\_DIFFERENTIATION\_DN, MA\_MYELOID\_DIFFERENTIATION\_DN  
HP\_SHOULDER\_GIRDLE\_MUSCLE\_WEAKNESS, HP\_SHOULDER\_GIRDLE\_MUSCLE\_WEAKNESS  
GOBP\_RENAL\_SYSTEM\_VASCULATURE\_DEVELOPMENT, GOBP\_RENAL\_SYSTEM\_VASCULATURE\_DEVELOPMENT  
GOCC\_MITOTIC\_SPINDLE\_MICROTUBULE, GOCC\_MITOTIC\_SPINDLE\_MICROTUBULE  
MARCINIAK\_ER\_STRESS\_RESPONSE\_VIA\_CHOP, MARCINIAK\_ER\_STRESS\_RESPONSE\_VIA\_CHOP  
chr16q22, chr16q22  
MIR631, MIR631  
GOBP\_TRANSFORMING\_GROWTH\_FACTOR\_BETA\_PRODUCTION, GOBP\_TRANSFORMING\_GROWTH\_FACTOR\_BETA\_PRODUCTION  
GOBP\_SENSORY\_PERCEPTION\_OF\_MECHANICAL\_STIMULUS, GOBP\_SENSORY\_PERCEPTION\_OF\_MECHANICAL\_STIMULUS  
PAL\_PRMT5\_TARGETS\_DN, PAL\_PRMT5\_TARGETS\_DN  
JIANG\_HYPOXIA\_VIA\_VHL, JIANG\_HYPOXIA\_VIA\_VHL  
GOBP\_GLOMERULAR\_MESANGIUM\_DEVELOPMENT, GOBP\_GLOMERULAR\_MESANGIUM\_DEVELOPMENT  
GOBP\_V\_D\_J\_RECOMBINATION, GOBP\_V\_D\_J\_RECOMBINATION  
DOANE\_BREAST\_CANCER\_CLASSES\_DN, DOANE\_BREAST\_CANCER\_CLASSES\_DN  
PARK\_APL\_PATHOGENESIS\_UP, PARK\_APL\_PATHOGENESIS\_UP  
REACTOME\_RECEPTOR\_MEDIATED\_MITOPHAGY, REACTOME\_RECEPTOR\_MEDIATED\_MITOPHAGY  
HP\_DECREASED\_LYMPHOCYTE\_PROLIFERATION\_IN\_RESPONSE\_TO\_MITOGEN, HP\_DECREASED\_LYMPHOCYTE\_PROLIFERATION\_IN\_RESPONSE\_TO\_MITOGEN  
HP\_ABNORMAL\_NATURAL\_KILLER\_CELL\_MORPHOLOGY, HP\_ABNORMAL\_NATURAL\_KILLER\_CELL\_MORPHOLOGY  
GOBP\_VENTRICULAR\_SEPTUM\_MORPHOGENESIS, GOBP\_VENTRICULAR\_SEPTUM\_MORPHOGENESIS  
GOBP\_INNER\_EAR\_AUDITORY\_RECEPTOR\_CELL\_DIFFERENTIATION, GOBP\_INNER\_EAR\_AUDITORY\_RECEPTOR\_CELL\_DIFFERENTIATION  
PLASARI\_TGFB1\_TARGETS\_1HR\_UP, PLASARI\_TGFB1\_TARGETS\_1HR\_UP  
GOBP\_RESPONSE\_TO\_PLATELET\_DERIVED\_GROWTH\_FACTOR, GOBP\_RESPONSE\_TO\_PLATELET\_DERIVED\_GROWTH\_FACTOR  
GOBP\_VENTRICULAR\_CARDIAC\_MUSCLE\_TISSUE\_DEVELOPMENT, GOBP\_VENTRICULAR\_CARDIAC\_MUSCLE\_TISSUE\_DEVELOPMENT  
GOBP\_SECONDARY\_PALATE\_DEVELOPMENT, GOBP\_SECONDARY\_PALATE\_DEVELOPMENT  
MIR136\_3P, MIR136\_3P  
GOBP\_MESENCHYME\_MORPHOGENESIS, GOBP\_MESENCHYME\_MORPHOGENESIS  
MATSUMIYA\_BLOOD\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_4\_6MO\_VACCINATED\_VS\_CANDIN\_PLACEBO\_BCG\_PRIMED\_1DY\_UP, MATSUMIYA\_BLOOD\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_4\_6MO\_VACCINATED\_VS\_CANDIN\_PLACEBO\_BCG\_PRIMED\_1DY\_UP  
HP\_PANCREATIC\_ISLET\_CELL\_HYPERPLASIA, HP\_PANCREATIC\_ISLET\_CELL\_HYPERPLASIA  
GOMF\_LACTATE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_LACTATE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOBP\_3\_PHOSPHOADENOSINE\_5\_PHOSPHOSULFATE\_BIOSYNTHETIC\_PROCESS, GOBP\_3\_PHOSPHOADENOSINE\_5\_PHOSPHOSULFATE\_BIOSYNTHETIC\_PROCESS  
REACTOME\_TRANSPORT\_AND\_SYNTHESIS\_OF\_PAPS, REACTOME\_TRANSPORT\_AND\_SYNTHESIS\_OF\_PAPS  
GOBP\_NEURON\_FATE\_COMMITMENT, GOBP\_NEURON\_FATE\_COMMITMENT  
GOMF\_SULFATE\_BINDING, GOMF\_SULFATE\_BINDING  
GOBP\_REGULATION\_OF\_WNT\_SIGNALING\_PATHWAY\_INVOLVED\_IN\_HEART\_DEVELOPMENT, GOBP\_REGULATION\_OF\_WNT\_SIGNALING\_PATHWAY\_INVOLVED\_IN\_HEART\_DEVELOPMENT  
GOBP\_ATRIOVENTRICULAR\_CANAL\_DEVELOPMENT, GOBP\_ATRIOVENTRICULAR\_CANAL\_DEVELOPMENT  
GOBP\_CARDIAC\_MUSCLE\_CELL\_FATE\_COMMITMENT, GOBP\_CARDIAC\_MUSCLE\_CELL\_FATE\_COMMITMENT  
GOBP\_LACTATE\_TRANSMEMBRANE\_TRANSPORT, GOBP\_LACTATE\_TRANSMEMBRANE\_TRANSPORT  
GOBP\_POSITIVE\_REGULATION\_OF\_METALLOENDOPEPTIDASE\_ACTIVITY, GOBP\_POSITIVE\_REGULATION\_OF\_METALLOENDOPEPTIDASE\_ACTIVITY  
GOBP\_FOLLICLE\_STIMULATING\_HORMONE\_SECRETION, GOBP\_FOLLICLE\_STIMULATING\_HORMONE\_SECRETION  
GOBP\_GLOMERULAR\_MESANGIAL\_CELL\_DIFFERENTIATION, GOBP\_GLOMERULAR\_MESANGIAL\_CELL\_DIFFERENTIATION  
REACTOME\_LIPID\_PARTICLE\_ORGANIZATION, REACTOME\_LIPID\_PARTICLE\_ORGANIZATION  
GOBP\_REGULATION\_OF\_MYOBLAST\_DIFFERENTIATION, GOBP\_REGULATION\_OF\_MYOBLAST\_DIFFERENTIATION  
HP\_ABNORMALITY\_OF\_THE\_TEMPOROMANDIBULAR\_JOINT, HP\_ABNORMALITY\_OF\_THE\_TEMPOROMANDIBULAR\_JOINT  
GOBP\_POSITIVE\_REGULATION\_OF\_METALLOPEPTIDASE\_ACTIVITY, GOBP\_POSITIVE\_REGULATION\_OF\_METALLOPEPTIDASE\_ACTIVITY  
GOBP\_NEGATIVE\_REGULATION\_OF\_CARDIOCYTE\_DIFFERENTIATION, GOBP\_NEGATIVE\_REGULATION\_OF\_CARDIOCYTE\_DIFFERENTIATION  
GOBP\_NEGATIVE\_REGULATION\_OF\_THYMOCYTE\_APOPTOTIC\_PROCESS, GOBP\_NEGATIVE\_REGULATION\_OF\_THYMOCYTE\_APOPTOTIC\_PROCESS  
GOBP\_LUTEINIZING\_HORMONE\_SECRETION, GOBP\_LUTEINIZING\_HORMONE\_SECRETION  
HP\_FOLLICULAR\_HYPERKERATOSIS, HP\_FOLLICULAR\_HYPERKERATOSIS  
GOBP\_MUSCLE\_CELL\_FATE\_COMMITMENT, GOBP\_MUSCLE\_CELL\_FATE\_COMMITMENT