```
GSE9988_ANTI_TREM1_VS_LPS_MONOCYTE_UP, GSE9988_ANTI_TREM1_VS_LPS_MONOCYTE_UP
 GSE37416_CTRL_VS_3H_F_TULARENSIS_LVS_NEUTROPHIL_UP, GSE37416_CTRL_VS_3H_F_TULARENSIS_LVS_NEUTROPHIL_UP
 GSE9988_ANTI_TREM1_VS_LOW_LPS_MONOCYTE_UP, GSE9988_ANTI_TREM1_VS_LOW_LPS_MONOCYTE_UP
 GSE9988_ANTI_TREM1_VS_CTRL_TREATED_MONOCYTES_UP, GSE9988_ANTI_TREM1_VS_CTRL_TREATED_MONOCYTES_UP
 GSE9988_LPS_VS_LPS_AND_ANTI_TREM1_MONOCYTE_DN, GSE9988_LPS_VS_LPS_AND_ANTI_TREM1_MONOCYTE_DN
 GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_UP, GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_UP
 GSE9988_LOW_LPS_VS_ANTI_TREM1_AND_LPS_MONOCYTE_DN, GSE9988_LOW_LPS_VS_ANTI_TREM1_AND_LPS_MONOCYTE_DN
 GSE34006_UNTREATED_VS_A2AR_AGONIST_TREATED_TREG_DN, GSE34006_UNTREATED_VS_A2AR_AGONIST_TREATED_TREG_DN
TRAVAGLINI_LUNG_B_CELL, TRAVAGLINI_LUNG_B_CELL
GSE17721_CTRL_VS_GARDIQUIMOD_0.5H_BMDC_DN, GSE17721_CTRL_VS_GARDIQUIMOD_0.5H_BMDC_DN
 GSE43700_UNTREATED_VS_IL10_TREATED_PBMC_DN, GSE43700_UNTREATED_VS_IL10_TREATED_PBMC_DN
MCBRYAN_PUBERTAL_TGFB1_TARGETS_UP, MCBRYAN_PUBERTAL_TGFB1_TARGETS_UP
GSE43955_10H_VS_60H_ACT_CD4_TCELL_DN, GSE43955_10H_VS_60H_ACT_CD4_TCELL_DN
 MIR423_5P, MIR423_5P
 GREGORY_SYNTHETIC_LETHAL_WITH_IMATINIB, GREGORY_SYNTHETIC_LETHAL_WITH_IMATINIB
MIR3184_5P, MIR3184_5P
 RBM15_TARGET_GENES, RBM15_TARGET_GENES
 MIR5698, MIR5698
 GSE17721_LPS_VS_CPG_24H_BMDC_UP, GSE17721_LPS_VS_CPG_24H_BMDC_UP
 RASHI_RESPONSE_TO_IONIZING_RADIATION_5, RASHI_RESPONSE_TO_IONIZING_RADIATION_5
 GOBP_PROTEIN_MONOUBIQUITINATION, GOBP_PROTEIN_MONOUBIQUITINATION
 GSE20152_HTNFA_OVERXPRESS_ANKLE_VS_CTRL_SPHK1_KO_ANKLE_UP, GSE20152_HTNFA_OVERXPRESS_ANKLE_VS_CTRL_SPHK1_KO_ANKLE_UP
 GSE360_L_DONOVANI_VS_T_GONDII_MAC_UP, GSE360_L_DONOVANI_VS_T_GONDII_MAC_UP
 GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_UP, GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_UP
 GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_DN, GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_DN
 GOBP_POSITIVE_REGULATION_OF_MITOCHONDRION_ORGANIZATION, GOBP_POSITIVE_REGULATION_OF_MITOCHONDRION_ORGANIZATION
 GSE339_CD4POS_VS_CD4CD8DN_DC_IN_CULTURE_DN, GSE339_CD4POS_VS_CD4CD8DN_DC_IN_CULTURE_DN
GOCC_PCG_PROTEIN_COMPLEX, GOCC_PCG_PROTEIN_COMPLEX
 MIR7109_5P, MIR7109_5P
GOBP_AUTOPHAGOSOME_MATURATION, GOBP_AUTOPHAGOSOME_MATURATION
GCM_VAV1, GCM_VAV1
MIR4687_3P, MIR4687_3P
GOMF_PROTEIN_SERINE_PHOSPHATASE_ACTIVITY, GOMF_PROTEIN_SERINE_PHOSPHATASE_ACTIVITY
 GSE43863_TH1_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_DN, GSE43863_TH1_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_DN
  AMIT_SERUM_RESPONSE_120_MCF10A, AMIT_SERUM_RESPONSE_120_MCF10A
 GSE14413_UNSTIM_VS_IFNB_STIM_L929_CELLS_UP, GSE14413_UNSTIM_VS_IFNB_STIM_L929_CELLS_UP
  MIR4435, MIR4435
  MIR4764_3P, MIR4764_3P
 GOBP_ANTEROGRADE_AXONAL_TRANSPORT, GOBP_ANTEROGRADE_AXONAL_TRANSPORT
  HP_PURE_RED_CELL_APLASIA, HP_PURE_RED_CELL_APLASIA
  MIR4713_3P, MIR4713_3P
  HP_ABNORMALITY_OF_INCISOR_MORPHOLOGY, HP_ABNORMALITY_OF_INCISOR_MORPHOLOGY
 REACTOME_TGF_BETA_RECEPTOR_SIGNALING_ACTIVATES_SMADS, REACTOME_TGF_BETA_RECEPTOR_SIGNALING_ACTIVATES_SMADS
  GOBP_HOMOTYPIC_CELL_CELL_ADHESION, GOBP_HOMOTYPIC_CELL_CELL_ADHESION
 GSE41978_WT_VS_ID2_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_WT_VS_ID2_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP
 MIR621, MIR621
  GOBP_RESPONSE_TO_TUMOR_CELL, GOBP_RESPONSE_TO_TUMOR_CELL
 REACTOME_NUCLEAR_RECEPTOR_TRANSCRIPTION_PATHWAY, REACTOME_NUCLEAR_RECEPTOR_TRANSCRIPTION_PATHWAY
  MIR6821 3P, MIR6821 3P
 GSE25123_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_DN, GSE25123_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_DN
 HP_CHRONIC_INFECTION, HP_CHRONIC_INFECTION
WESTON_VEGFA_TARGETS_3HR, WESTON_VEGFA_TARGETS_3HR
✓ GOBP_REGULATION_OF_NATURAL_KILLER_CELL_ACTIVATION, GOBP_REGULATION_OF_NATURAL_KILLER_CELL_ACTIVATION
HOXB7_TARGET_GENES, HOXB7_TARGET_GENES
WP_IRON_METABOLISM_IN_PLACENTA, WP_IRON_METABOLISM_IN_PLACENTA
 GOBP_PLATELET_AGGREGATION, GOBP_PLATELET_AGGREGATION
 GOBP_REGULATION_OF_MITOCHONDRIAL_FISSION, GOBP_REGULATION_OF_MITOCHONDRIAL_FISSION
 GOBP_REGULATION_OF_CELLULAR_CARBOHYDRATE_CATABOLIC_PROCESS, GOBP_REGULATION_OF_CELLULAR_CARBOHYDRATE_CATABOLIC_PROCESS
 HP_GINGIVAL_BLEEDING, HP_GINGIVAL_BLEEDING
 REACTOME_P38MAPK_EVENTS, REACTOME_P38MAPK_EVENTS
  SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_DN, SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_DN
 GOMF_DOPAMINE_RECEPTOR_BINDING, GOMF_DOPAMINE_RECEPTOR_BINDING
 HOLLEMAN_DAUNORUBICIN_B_ALL_DN, HOLLEMAN_DAUNORUBICIN_B_ALL_DN
  GOCC_POSTSYNAPTIC_CYTOSKELETON, GOCC_POSTSYNAPTIC_CYTOSKELETON
 GOBP_NEURON_FATE_COMMITMENT, GOBP_NEURON_FATE_COMMITMENT
  GOMF_UBIQUITIN_LIGASE_SUBSTRATE_ADAPTOR_ACTIVITY, GOMF_UBIQUITIN_LIGASE_SUBSTRATE_ADAPTOR_ACTIVITY
  STOSSI_RESPONSE_TO_ESTRADIOL, STOSSI_RESPONSE_TO_ESTRADIOL
  HP_ABNORMALITY_OF_CIRCULATING_FIBRINOGEN, HP_ABNORMALITY_OF_CIRCULATING_FIBRINOGEN
  GOBP_PRESYNAPSE_ORGANIZATION, GOBP_PRESYNAPSE_ORGANIZATION
  WP_OLIGODENDROCYTE_SPECIFICATION_AND_DIFFERENTIATION_LEADING_TO_MYELIN_COMPONENTS_FOR_CNS, WP_OLIGODENDROCYTE_SPECIFICATION_AND_DIFFERENTIATION_LEADING_TO_MYELIN_COMPONENTS_FOR_CNS
 PID_ALK1_PATHWAY, PID_ALK1_PATHWAY
 MIR6874_5P, MIR6874_5P
  HOFMANN_MYELODYSPLASTIC_SYNDROM_RISK_DN, HOFMANN_MYELODYSPLASTIC_SYNDROM_RISK_DN
 GOBP_NOREPINEPHRINE_UPTAKE, GOBP_NOREPINEPHRINE_UPTAKE
 GOCC_SPERM_HEAD, GOCC_SPERM_HEAD
 GOCC_BLOC_1_COMPLEX, GOCC_BLOC_1_COMPLEX
GOBP_PLATELET_DENSE_GRANULE_ORGANIZATION, GOBP_PLATELET_DENSE_GRANULE_ORGANIZATION
GOBP_POSITIVE_REGULATION_OF_FILOPODIUM_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_FILOPODIUM_ASSEMBLY (
GOBP_POSITIVE_REGULATION_OF_MITOCHONDRIAL_FISSION, GOBP_POSITIVE_REGULATION_OF_MITOCHONDRIAL_FISSION
VETTER_TARGETS_OF_PRKCA_AND_ETS1_DN, VETTER_TARGETS_OF_PRKCA_AND_ETS1_DN
GOMF_CALCIUM_CATION_ANTIPORTER_ACTIVITY, GOMF_CALCIUM_CATION_ANTIPORTER_ACTIVITY
 HOEK_B_CELL_2011_2012_TIV_ADULT_7DY_DN, HOEK_B_CELL_2011_2012_TIV_ADULT_7DY_DN
 MIR8088, MIR8088
 GOCC M BAND, GOCC M BAND
PLASARI_TGFB1_TARGETS_1HR_DN, PLASARI_TGFB1_TARGETS_1HR_DN
GOBP_CAMP_MEDIATED_SIGNALING, GOBP_CAMP_MEDIATED_SIGNALING
GOBP_HEXOSE_PHOSPHATE_TRANSPORT, GOBP_HEXOSE_PHOSPHATE_TRANSPORT
 GOBP TOLERANCE INDUCTION DEPENDENT UPON IMMUNE RESPONSE, GOBP TOLERANCE INDUCTION DEPENDENT UPON IMMUNE RESPONSE
 GOCC_POSTSYNAPTIC_ACTIN_CYTOSKELETON, GOCC_POSTSYNAPTIC_ACTIN_CYTOSKELETON
GOBP_DITERPENOID_BIOSYNTHETIC_PROCESS, GOBP_DITERPENOID_BIOSYNTHETIC_PROCESS
 REACTOME_SODIUM_CALCIUM_EXCHANGERS, REACTOME_SODIUM_CALCIUM_EXCHANGERS
FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_14DY_NEGATIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLU
WP_NICOTINE_ACTIVITY_ON_DOPAMINERGIC_NEURONS, WP_NICOTINE_ACTIVITY_ON_DOPAMINERGIC_NEURONS
GOBP_DENDRITIC_SPINE_MAINTENANCE, GOBP_DENDRITIC_SPINE_MAINTENANCE
GOMF FUCOSE BINDING, GOMF FUCOSE BINDING
GOBP_POSITIVE_REGULATION_OF_PEROXISOME_PROLIFERATOR_ACTIVATED_RECEPTOR_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_PEROXISOME_PROLIFERATOR_ACTIVATED_RECEPTOR_SIGNALING_PATHWAY
GOBP_REGULATION_OF_UNSATURATED_FATTY_ACID_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_UNSATURATED_FATTY_ACID_BIOSYNTHETIC_PROCESS
GOCC_OUTER_DENSE_FIBER, GOCC_OUTER_DENSE_FIBER
GUENTHER_GROWTH_SPHERICAL_VS_ADHERENT_UP, GUENTHER_GROWTH_SPHERICAL_VS_ADHERENT_UP
HP_MESOAXIAL_HAND_POLYDACTYLY, HP_MESOAXIAL_HAND_POLYDACTYLY
GOBP_TRIGLYCERIDE_CATABOLIC_PROCESS, GOBP_TRIGLYCERIDE_CATABOLIC_PROCESS
HP PROXIMAL RADIO ULNAR SYNOSTOSIS, HP PROXIMAL RADIO ULNAR SYNOSTOSIS
HP_ABNORMAL_3RD_FINGER_PHALANX_MORPHOLOGY, HP_ABNORMAL_3RD_FINGER_PHALANX_MORPHOLOGY
LUI_THYROID_CANCER_CLUSTER_4, LUI_THYROID_CANCER_CLUSTER_4
```

GOBP_GLIAL_CELL_FATE_COMMITMENT, GOBP_GLIAL_CELL_FATE_COMMITMENT

GOBP_OPIOID_RECEPTOR_SIGNALING_PATHWAY, GOBP_OPIOID_RECEPTOR_SIGNALING_PATHWAY

GOMF_OPIOID_RECEPTOR_ACTIVITY, GOMF_OPIOID_RECEPTOR_ACTIVITY

NTI_TREM1_AND_LPS_MONOCYTE_UP, GSE9988_ANTI_TREM1_VS_ANTI_TREM1_AND_LPS_MONOCYTE_UP