```
GSE19888_CTRL_VS_T_CELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_CTRL_VS_T_CELL_MEMBRANES_ACT_MAST_CELL_UP
  GSE25088 CTRL VS ROSIGLITAZONE STIM STAT6 KO MACROPHAGE DN, GSE25088 CTRL VS ROSIGLITAZONE STIM STAT6 KO MACROPHAGE DN
 GSE36392_TYPE_2_MYELOID_VS_MAC_IL25_TREATED_LUNG_DN, GSE36392_TYPE_2_MYELOID_VS_MAC_IL25_TREATED_LUNG_DN
  GSE14308_TH17_VS_NAIVE_CD4_TCELL_UP, GSE14308_TH17_VS_NAIVE_CD4_TCELL_UP
  GSE14308_TH17_VS_INDUCED_TREG_DN, GSE14308_TH17_VS_INDUCED_TREG_DN
 GSE37301_HEMATOPOIETIC_STEM_CELL_VS_PRO_BCELL_DN, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_PRO_BCELL_DN
  GSE17721_LPS_VS_GARDIQUIMOD_12H_BMDC_DN, GSE17721_LPS_VS_GARDIQUIMOD_12H_BMDC_DN
  FOSTER_KDM1A_TARGETS_DN, FOSTER_KDM1A_TARGETS_DN
 GSE1448_CTRL_VS_ANTI_VBETA5_DP_THYMOCYTE_UP, GSE1448_CTRL_VS_ANTI_VBETA5_DP_THYMOCYTE_UP
 HP_BULBOUS_NOSE, HP_BULBOUS_NOSE
 GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_DN, GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_DN
 WAKASUGI_HAVE_ZNF143_BINDING_SITES, WAKASUGI_HAVE_ZNF143_BINDING_SITES
 GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_MDC_DN, GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_MDC_DN
  GSE23308 CTRL VS CORTICOSTERONE TREATED MACROPHAGE UP, GSE23308 CTRL VS CORTICOSTERONE TREATED MACROPHAGE UP
 GSE6875_TCONV_VS_TREG_DN, GSE6875_TCONV_VS_TREG_DN
 GGCNRNWCTTYS_UNKNOWN, GGCNRNWCTTYS_UNKNOWN
  GSE27786_CD4_TCELL_VS_ERYTHTROBLAST_DN, GSE27786_CD4_TCELL_VS_ERYTHTROBLAST_DN
  ZNF623_TARGET_GENES, ZNF623_TARGET_GENES
  MIR8062, MIR8062
 GOBP_MITOTIC_G2_M_TRANSITION_CHECKPOINT, GOBP_MITOTIC_G2_M_TRANSITION_CHECKPOINT
  GSE5589_WT_VS_IL6_KO_LPS_STIM_MACROPHAGE_180MIN_UP, GSE5589_WT_VS_IL6_KO_LPS_STIM_MACROPHAGE_180MIN_UP
 ZSCAN23_TARGET_GENES, ZSCAN23_TARGET_GENES
 ZNF169 TARGET GENES, ZNF169 TARGET GENES
 HOXA13_TARGET_GENES, HOXA13_TARGET_GENES
 HP_RETINAL_VASCULAR_TORTUOSITY, HP_RETINAL_VASCULAR_TORTUOSITY
 HP_POSTERIOR_EMBRYOTOXON, HP_POSTERIOR_EMBRYOTOXON
 PID_CIRCADIAN_PATHWAY, PID_CIRCADIAN_PATHWAY
 MIR6751_5P, MIR6751_5P
 MIR1266_3P, MIR1266_3P
 MIR6813_3P, MIR6813_3P
 PRC2_SUZ12_UP.V1_DN, PRC2_SUZ12_UP.V1_DN
 AZARE_STAT3_TARGETS, AZARE_STAT3_TARGETS
 GOBP_C4_DICARBOXYLATE_TRANSPORT, GOBP_C4_DICARBOXYLATE_TRANSPORT
 MIR3605_5P, MIR3605_5P
 HP_ENCHONDROMA, HP_ENCHONDROMA
 GOBP_PYRIDINE_CONTAINING_COMPOUND_METABOLIC_PROCESS, GOBP_PYRIDINE_CONTAINING_COMPOUND_METABOLIC_PROCESS
 GOCC_DESMOSOME, GOCC_DESMOSOME
 HP_DELUSIONS, HP_DELUSIONS
 MIR6803_5P, MIR6803_5P
HP_BIFID_SCROTUM, HP_BIFID_SCROTUM
 GOBP LONG CHAIN FATTY ACYL COA BIOSYNTHETIC PROCESS, GOBP LONG CHAIN FATTY ACYL COA BIOSYNTHETIC PROCESS
  REACTOME_SYNTHESIS_OF_VERY_LONG_CHAIN_FATTY_ACYL_COAS, REACTOME_SYNTHESIS_OF_VERY_LONG_CHAIN_FATTY_ACYL_COAS
 GOCC_PRP19_COMPLEX, GOCC_PRP19_COMPLEX
  MIR6870_3P, MIR6870_3P
GOBP_RESPONSE_TO_ARSENIC_CONTAINING_SUBSTANCE, GOBP_RESPONSE_TO_ARSENIC_CONTAINING_SUBSTANCE
 REACTOME_MISCELLANEOUS_TRANSPORT_AND_BINDING_EVENTS, REACTOME_MISCELLANEOUS_TRANSPORT_AND_BINDING_EVENTS
  HP_PATELLAR_DISLOCATION, HP_PATELLAR_DISLOCATION
  SASAI_TARGETS_OF_CXCR6_AND_PTCH1_UP, SASAI_TARGETS_OF_CXCR6_AND_PTCH1_UP
  HP_RIGHT_VENTRICULAR_HYPERTROPHY, HP_RIGHT_VENTRICULAR_HYPERTROPHY
  MODULE_310, MODULE_310
 GOBP_APOPTOTIC_PROCESS_INVOLVED_IN_DEVELOPMENT, GOBP_APOPTOTIC_PROCESS_INVOLVED_IN_DEVELOPMENT
 GOBP_SEGMENTATION, GOBP_SEGMENTATION
 GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_3H_UP, GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_3H_UP
 HP_CHRONIC_LYMPHATIC_LEUKEMIA, HP_CHRONIC_LYMPHATIC_LEUKEMIA
 HP_MOYAMOYA_PHENOMENON, HP_MOYAMOYA_PHENOMENON
 GOCC_DNA_RECOMBINASE_MEDIATOR_COMPLEX, GOCC_DNA_RECOMBINASE_MEDIATOR_COMPLEX
 HOFT_CD4_POSITIVE_ALPHA_BETA_MEMORY_T_CELL_BCG_VACCINE_AGE_18_45YO_56D_TOP_100_DEG_AFTER_IN_VITRO_RE_STIMULATION_UP, HOFT_CD4_POSITIVE_ALPHA_BCG_VACCINE_AGE_18_45YO_56D_TOP_100_DEG_AFTER_IN_VITRO_RE_STIMULATION_UP, HOFT_CD4_POSITIVE_ALPHA_BCG_VACCINE_AGE_18_45YO_56D_TOP_100_DEG_AFTER_IN_VITRO_RE_STIMULATION_UP, HOFT_CD4_POSITIVE_ALPHA_BCG_VACCINE_AGE_18_45YO_56D_TOP_100_DEG_AFTER_IN_VITRO_RE_STIMULATION_UP, HOFT_CD4_POSITIVE_AGE_18_5TER_IN_VITRO_RE_STIMULATION_UP, HOFT_CD4_POSITIVE_AGE_18_5TER_IN_VITRO_RE_STIMULATION_UP, HOFT_CD4_POSITIVE_AGE_18_5TER_IN_VITRO_RE_STIMULATION_UP, HOFT_CD4_POSITIVE_AGE_18_5TER_IN_VITRO_RE_STIMULATION_UP, HOFT_CD4_POSITIVE_AGE_18_5TER_IN_VITRO_RE_STIMULATION_UP, HOFT_CD4_POSITIVE_AGE_18_5TER_IN_VITRO_RE_STIMULATION_UP, 
GOCC GAMMA TUBULIN LARGE COMPLEX, GOCC GAMMA TUBULIN LARGE COMPLEX
 GOBP_CELLULAR_RESPONSE_TO_ARSENIC_CONTAINING_SUBSTANCE, GOBP_CELLULAR_RESPONSE_TO_ARSENIC_CONTAINING_SUBSTANCE
 GOMF_GAMMA_TUBULIN_BINDING, GOMF_GAMMA_TUBULIN_BINDING
  DAIRKEE_CANCER_PRONE_RESPONSE_E2, DAIRKEE_CANCER_PRONE_RESPONSE_E2
  HP_CHILBLAINS, HP_CHILBLAINS
 GOBP_REGULATION_OF_SYNAPTIC_TRANSMISSION_DOPAMINERGIC, GOBP_REGULATION_OF_SYNAPTIC_TRANSMISSION_DOPAMINERGIC
 GOBP_REGULATION_OF_MAST_CELL_CHEMOTAXIS, GOBP_REGULATION_OF_MAST_CELL_CHEMOTAXIS
 GOBP_GLUTATHIONE_DERIVATIVE_METABOLIC_PROCESS, GOBP_GLUTATHIONE_DERIVATIVE_METABOLIC_PROCESS
 HP_DEGENERATION_OF_THE_STRIATUM, HP_DEGENERATION_OF_THE_STRIATUM
HP_ABNORMAL_SERUM_INTERFERON_LEVEL, HP_ABNORMAL_SERUM_INTERFERON_LEVEL
HP_RIGHT_AORTIC_ARCH, HP_RIGHT_AORTIC_ARCH
 GOBP_URATE_METABOLIC_PROCESS, GOBP_URATE_METABOLIC_PROCESS
  HP_EXTRAPYRAMIDAL_MUSCULAR_RIGIDITY, HP_EXTRAPYRAMIDAL_MUSCULAR_RIGIDITY
  MIR3907, MIR3907
  SU_LIVER, SU_LIVER
   NIKOLSKY_BREAST_CANCER_7P15_AMPLICON, NIKOLSKY_BREAST_CANCER_7P15_AMPLICON
  GOCC_POLE_PLASM, GOCC_POLE_PLASM
  HP_RIDGED_FINGERNAIL, HP_RIDGED_FINGERNAIL
  GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_WOUND_HEALING, GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_WOUND_HEALING
 GOBP_NEGATIVE_REGULATION_OF_LIPOPROTEIN_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_LIPOPROTEIN_METABOLIC_PROCESS
  TERAMOTO_OPN_TARGETS_CLUSTER_8, TERAMOTO_OPN_TARGETS_CLUSTER_8
  REACTOME_DEFECTIVE_B4GALT1_CAUSES_B4GALT1_CDG_CDG_2D, REACTOME_DEFECTIVE_B4GALT1_CAUSES_B4GALT1_CDG_CDG_2D
 GOMF_GLUTATHIONE_TRANSFERASE_ACTIVITY, GOMF_GLUTATHIONE_TRANSFERASE_ACTIVITY
GOBP_POSITIVE_REGULATION_OF_MAST_CELL_CHEMOTAXIS, GOBP_POSITIVE_REGULATION_OF_MAST_CELL_CHEMOTAXIS
 GOMF_ACETYL_COA_C_ACETYLTRANSFERASE_ACTIVITY, GOMF_ACETYL_COA_C_ACETYLTRANSFERASE_ACTIVITY
GOBP_NEGATIVE_REGULATION_OF_MATRIX_METALLOPEPTIDASE_SECRETION, GOBP_NEGATIVE_REGULATION_OF_MATRIX_METALLOPEPTIDASE_SECRETION
GOBP_PLANAR_CELL_POLARITY_PATHWAY_INVOLVED_IN_NEURAL_TUBE_CLOSURE, GOBP_PLANAR_CELL_POLARITY_PATHWAY_INVOLVED_IN_NEURAL_TUBE_CLOSURE
 HP_ONYCHOGRYPOSIS_OF_FINGERNAIL, HP_ONYCHOGRYPOSIS_OF_FINGERNAIL
 GOBP_ESTABLISHMENT_OF_PLANAR_POLARITY_INVOLVED_IN_NEURAL_TUBE_CLOSURE, GOBP_ESTABLISHMENT_OF_PLANAR_POLARITY_INVOLVED_IN_NEURAL_TUBE_CLOSURE
 ISHIDA_TARGETS_OF_SYT_SSX_FUSIONS, ISHIDA_TARGETS_OF_SYT_SSX_FUSIONS
 GOBP_URATE_TRANSPORT, GOBP_URATE_TRANSPORT
 ICHIBA GRAFT_VERSUS_HOST_DISEASE_D7_DN, ICHIBA_GRAFT_VERSUS_HOST_DISEASE_D7_DN
HP_NEONATAL_ALLOIMMUNE_THROMBOCYTOPENIA, HP_NEONATAL_ALLOIMMUNE_THROMBOCYTOPENIA
YIH_RESPONSE_TO_ARSENITE_C5, YIH_RESPONSE_TO_ARSENITE_C5
GOBP PROTEIN LOCALIZATION TO PRESYNAPSE, GOBP PROTEIN LOCALIZATION TO PRESYNAPSE
 GOBP_ESTABLISHMENT_OF_PLANAR_POLARITY_OF_EMBRYONIC_EPITHELIUM, GOBP_ESTABLISHMENT_OF_PLANAR_POLARITY_OF_EMBRYONIC_EPITHELIUM
 HP_HYDROXYPROLINURIA, HP_HYDROXYPROLINURIA
GOBP_HARD_PALATE_DEVELOPMENT, GOBP_HARD_PALATE_DEVELOPMENT
 GOBP_DOPAMINE_METABOLIC_PROCESS, GOBP_DOPAMINE_METABOLIC_PROCESS
 REACTOME_ASSEMBLY_OF_ACTIVE_LPL_AND_LIPC_LIPASE_COMPLEXES, REACTOME_ASSEMBLY_OF_ACTIVE_LPL_AND_LIPC_LIPASE_COMPLEXES
 GOBP_RESPONSE_TO_INTERLEUKIN_6, GOBP_RESPONSE_TO_INTERLEUKIN_6
 GOBP_HINDBRAIN_MORPHOGENESIS, GOBP_HINDBRAIN_MORPHOGENESIS
 GOBP_NEGATIVE_REGULATION_OF_GLIAL_CELL_MIGRATION, GOBP_NEGATIVE_REGULATION_OF_GLIAL_CELL_MIGRATION
 GOBP_APOPTOTIC_PROCESS_INVOLVED_IN_BLOOD_VESSEL_MORPHOGENESIS, GOBP_APOPTOTIC_PROCESS_INVOLVED_IN_BLOOD_VESSEL_MORPHOGENESIS
GOBP_NEGATIVE_REGULATION_OF_SMAD_PROTEIN_COMPLEX_ASSEMBLY, GOBP_NEGATIVE_REGULATION_OF_SMAD_PROTEIN_COMPLEX_ASSEMBLY
 GOBP_LYSOSOMAL_MICROAUTOPHAGY, GOBP_LYSOSOMAL_MICROAUTOPHAGY
 GOBP_REGULATION_OF_HEMOGLOBIN_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_HEMOGLOBIN_BIOSYNTHETIC_PROCESS
 GOMF_NFAT_PROTEIN_BINDING, GOMF_NFAT_PROTEIN_BINDING
 REACTOME_VEGF_LIGAND_RECEPTOR_INTERACTIONS, REACTOME_VEGF_LIGAND_RECEPTOR_INTERACTIONS
 HP_FACIAL_GRIMACING, HP_FACIAL_GRIMACING
 BUCASAS_PBMC_FLUARIX_FLUVIRIN_CAUCASIAN_MALE_AGE_18_40YO_HIGH_RESPONDERS_1DY_3DY_POSITIVE_PREDICTIVE_OF_TITER, BUCASAS_PBMC_FLUARIX_FLUVIRIN_CAUCASIAN_MALE_AGE_18_40YO_HIGH_RESPONDERS_1DY_POSITIVE_PREDICTIVE_OF_TITER, BUCASAS_PBMC_FLUARIX_FLUVIRIN_CAUCASIAN_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_FLUARIX_F
 MYOGNF1_01, MYOGNF1_01
 WP_APOE_AND_MIR146_IN_INFLAMMATION_AND_ATHEROSCLEROSIS, WP_APOE_AND_MIR146_IN_INFLAMMATION_AND_ATHEROSCLEROSIS
 YANG BCL3 TARGETS DN, YANG BCL3 TARGETS DN
 HP_PROLINURIA, HP_PROLINURIA
 REACTOME_INTERACTION_WITH_CUMULUS_CELLS_AND_THE_ZONA_PELLUCIDA, REACTOME_INTERACTION_WITH_CUMULUS_CELLS_AND_THE_ZONA_PELLUCIDA
  GOMF_BENZODIAZEPINE_RECEPTOR_BINDING, GOMF_BENZODIAZEPINE_RECEPTOR_BINDING
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GOMF_CALMODULIN_DEPENDENT_PROTEIN_PHOSPHATASE_ACTIVITY, GOMF_CALMODULIN_DEPENDENT_PROTEIN_PHOSPHATASE_ACTIVITY

chr3q29, chr3q29

OSIGLITAZONE_STIM_MACROPHAGE_6H_UP, GSE16386_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_6H_UP