```
GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_48H_DN, GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_48H_DN
 GSE39820_CTRL_VS_TGFBETA1_IL6_IL23A_CD4_TCELL_UP, GSE39820_CTRL_VS_TGFBETA1_IL6_IL23A_CD4_TCELL_UP
 GSE39820_CTRL_VS_TGFBETA3_IL6_CD4_TCELL_UP, GSE39820_CTRL_VS_TGFBETA3_IL6_CD4_TCELL_UP
 GSE39820_CTRL_VS_TGFBETA1_IL6_CD4_TCELL_UP, GSE39820_CTRL_VS_TGFBETA1_IL6_CD4_TCELL_UP
 GSE37532_TREG_VS_TCONV_PPARG_KO_CD4_TCELL_FROM_VISCERAL_ADIPOSE_TISSUE_DN, GSE37532_TREG_VS_TCONV_PPARG_KO_CD4_TCELL_FROM_VISCERAL_ADIPOSE_TISSUE_DN
 GSE19941_UNSTIM_VS_LPS_STIM_IL10_KO_MACROPHAGE_DN, GSE19941_UNSTIM_VS_LPS_STIM_IL10_KO_MACROPHAGE_DN
 GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN, GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN
 GSE16451_CTRL_VS_WEST_EQUINE_ENC_VIRUS_MATURE_NEURON_CELL_LINE_UP, GSE16451_CTRL_VS_WEST_EQUINE_ENC_VIRUS_MATURE_NEURON_CELL_LINE_UP
 GSE13493_CD4INTCD8POS_VS_CD8POS_THYMOCYTE_UP, GSE13493_CD4INTCD8POS_VS_CD8POS_THYMOCYTE_UP
 GSE39820_CTRL_VS_IL1B_IL6_CD4_TCELL_UP, GSE39820_CTRL_VS_IL1B_IL6_CD4_TCELL_UP
 GSE40277_GATA1_AND_SATB1_TRANSDUCED_VS_CTRL_CD4_TCELL_DN, GSE40277_GATA1_AND_SATB1_TRANSDUCED_VS_CTRL_CD4_TCELL_DN
 BENPORATH_NOS_TARGETS, BENPORATH_NOS_TARGETS
 GSE40274_FOXP3_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
 GSE20366_TREG_VS_TCONV_DN, GSE20366_TREG_VS_TCONV_DN
 HP_ABNORMALITY_OF_BONE_MARROW_CELL_MORPHOLOGY, HP_ABNORMALITY_OF_BONE_MARROW_CELL_MORPHOLOGY
 MIR548BA, MIR548BA
 GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_6H_DN, GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_6H_DN
 MIR548AG, MIR548AG
 MIR548AI_MIR570_5P, MIR548AI_MIR570_5P
 MIR103A_1_5P, MIR103A_1_5P
 MIR5579_3P, MIR5579_3P
 GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_60H_UP, GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_60H_UP
 MIR593_5P, MIR593_5P
 MIR12131, MIR12131
 LU_AGING_BRAIN_DN, LU_AGING_BRAIN_DN
 MIR548S, MIR548S
 YYCATTCAWW_UNKNOWN, YYCATTCAWW_UNKNOWN
 GOBP_NEGATIVE_REGULATION_OF_PROTEIN_MODIFICATION_BY_SMALL_PROTEIN_CONJUGATION_OR_REMOVAL, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_MODIFICATION_BY_SMALL_PROTEIN
 MIR4711_5P, MIR4711_5P
 MIR6883_3P, MIR6883_3P
 MIR606, MIR606
 MIR4659B_5P, MIR4659B_5P
 MODULE_525, MODULE_525
 MIR3913_5P, MIR3913_5P
 MIR8070, MIR8070
 MIR6750_3P, MIR6750_3P
 MIR190B_5P, MIR190B_5P
 MIR190A_5P, MIR190A_5P
 MIR1244, MIR1244
 KIM_GERMINAL_CENTER_T_HELPER_UP, KIM_GERMINAL_CENTER_T_HELPER_UP
 HP_UNUSUAL_INFECTION_BY_ANATOMICAL_SITE, HP_UNUSUAL_INFECTION_BY_ANATOMICAL_SITE
 MARTORIATI_MDM4_TARGETS_NEUROEPITHELIUM_DN, MARTORIATI_MDM4_TARGETS_NEUROEPITHELIUM_DN
 PIAS4_TARGET_GENES, PIAS4_TARGET_GENES
 MIR6751_3P, MIR6751_3P
 MIR1199_5P, MIR1199_5P
 STREICHER_LSM1_TARGETS_UP, STREICHER_LSM1_TARGETS_UP
 HP_MENINGITIS, HP_MENINGITIS
 GOBP_POSITIVE_REGULATION_OF_RNA_SPLICING, GOBP_POSITIVE_REGULATION_OF_RNA_SPLICING
 MIR875_5P, MIR875_5P
 GOMF PHOSPHOTRANSFERASE ACTIVITY FOR OTHER SUBSTITUTED PHOSPHATE GROUPS, GOMF PHOSPHOTRANSFERASE ACTIVITY FOR OTHER SUBSTITUTED PHOSPHATE GROUPS
 BRUINS_UVC_RESPONSE_VIA_TP53_GROUP_C, BRUINS_UVC_RESPONSE_VIA_TP53_GROUP_C
 GOBP_INTERFERON_BETA_PRODUCTION, GOBP_INTERFERON_BETA_PRODUCTION
 MIR7112_3P, MIR7112_3P
 MIR4317, MIR4317
MIR574_5P, MIR574_5P
 MIR2276_5P, MIR2276_5P
 MIR6884_3P, MIR6884_3P
 MIR6740_5P, MIR6740_5P
 GOMF_CIS_TRANS_ISOMERASE_ACTIVITY, GOMF_CIS_TRANS_ISOMERASE_ACTIVITY
 MIR15B_3P, MIR15B_3P
 HP_BROAD_RIBS, HP_BROAD_RIBS
 MIR6823_5P, MIR6823_5P
 MIR6826_5P, MIR6826_5P
 GOBP_PROTEIN_PEPTIDYL_PROLYL_ISOMERIZATION, GOBP_PROTEIN_PEPTIDYL_PROLYL_ISOMERIZATION
 MIR454_5P, MIR454_5P
 GOMF_TAU_PROTEIN_KINASE_ACTIVITY, GOMF_TAU_PROTEIN_KINASE_ACTIVITY
 GOBP_POSITIVE_REGULATION_OF_INTERFERON_BETA_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_INTERFERON_BETA_PRODUCTION
  RNCTGNYNRNCTGNY_UNKNOWN, RNCTGNYNRNCTGNY_UNKNOWN
 GOCC_POSTSYNAPTIC_SPECIALIZATION_INTRACELLULAR_COMPONENT, GOCC_POSTSYNAPTIC_SPECIALIZATION_INTRACELLULAR_COMPONENT
 BROWNE_HCMV_INFECTION_4HR_UP, BROWNE_HCMV_INFECTION_4HR_UP
 HP_MATERNAL_DIABETES, HP_MATERNAL_DIABETES
 GOBP_REGULATION_OF_MITOCHONDRIAL_FUSION, GOBP_REGULATION_OF_MITOCHONDRIAL_FUSION
 HP_FEMORAL_HERNIA, HP_FEMORAL_HERNIA
 GOCC_POSTSYNAPTIC_DENSITY_INTRACELLULAR_COMPONENT, GOCC_POSTSYNAPTIC_DENSITY_INTRACELLULAR_COMPONENT
 BUSSLINGER_GASTRIC_D_CELLS, BUSSLINGER_GASTRIC_D_CELLS
 HP_APLASIA_HYPOPLASIA_OF_THE_OVARY, HP_APLASIA_HYPOPLASIA_OF_THE_OVARY
 HP_ANODONTIA, HP_ANODONTIA
 GOBP_MICROVILLUS_ASSEMBLY, GOBP_MICROVILLUS_ASSEMBLY
 LU_TUMOR_ANGIOGENESIS_UP, LU_TUMOR_ANGIOGENESIS_UP
 GOBP_CHITIN_METABOLIC_PROCESS, GOBP_CHITIN_METABOLIC_PROCESS
 GOBP_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_REGULATION_OF_NUCLEOTIDE_BINDING_SIGNALING_PATHWAY, GOBP_REGULATION_OF_NUCLEOTIDE_BINDING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALING_SIGNALIN
 chr6q24, chr6q24
 chrXq25, chrXq25
 CAO_BLOOD_FLUMIST_AGE_05_14YO_CORRELATED_WITH_H3N2_VN_TITER_7DY_POSITIVE, CAO_BLOOD_FLUMIST_AGE_05_14YO_CORRELATED_WITH_H3N2_VN_TITER_7DY_POSITIVE
 TCGA_GLIOBLASTOMA_COPY_NUMBER_DN, TCGA_GLIOBLASTOMA_COPY_NUMBER_DN
 GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_VESICLE_EXOCYTOSIS, GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_VESICLE_EXOCYTOSIS
 chrXq13, chrXq13
 BIOCARTA_EPHA4_PATHWAY, BIOCARTA_EPHA4_PATHWAY
 REACTOME_RUNX1_REGULATES_EXPRESSION_OF_COMPONENTS_OF_TIGHT_JUNCTIONS, REACTOME_RUNX1_REGULATES_EXPRESSION_OF_COMPONENTS_OF_TIGHT_JUNCTIONS
 HP_IRIS_ATROPHY, HP_IRIS_ATROPHY
 GOBP_SEQUESTERING_OF_EXTRACELLULAR_LIGAND_FROM_RECEPTOR, GOBP_SEQUESTERING_OF_EXTRACELLULAR_LIGAND_FROM_RECEPTOR
 GOBP_EXTRACELLULAR_REGULATION_OF_SIGNAL_TRANSDUCTION, GOBP_EXTRACELLULAR_REGULATION_OF_SIGNAL_TRANSDUCTION
 ABBUD_LIF_SIGNALING_2_DN, ABBUD_LIF_SIGNALING_2_DN
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VS_TGFBETA3_IL6_IL23A_CD4_TCELL_UP, GSE39820_CTRL_VS_TGFBETA3_IL6_IL23A_CD4_TCELL_UP

GOBP_REGULATION_OF_BINDING_OF_SPERM_TO_ZONA_PELLUCIDA, GOBP_REGULATION_OF_BINDING_OF_SPERM_TO_ZONA_PELLUCIDA

GOCC_EGG_COAT, GOCC_EGG_COAT

REACTOME_RUNX1_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_INTERLEUKIN_SIGNALING, REACTOME_RUNX1_REGULATES_TRANSCRIPTION_OF_RUNX1_REGULATES_TRANSCRIPTION_OF_RUNX1_REGULATES_TRANSCRIPTION_OF_RUNX1_REGULATES_TRANSCRIPTION_OF_RUNX1_REGULATES_TRANSCRIPTION_OF_RUNX1_REGULATES_TRANSCRIPTION_OF_RUNX1_REGULATES_TRANSCRIPTION_OF_RUNX1_REGULATES_TRANSCRIPTION_OF_RUNX1_REGULATES_TRANSCRIPTION_OF_RUNX1_REGULATES_TRANSCR

REACTOME_RUNX1_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_WNT_SIGNALING, REACTOME_RUNX1_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_WNT_SIGNALING

GOBP_MAINTENANCE_OF_PROTEIN_LOCATION_IN_EXTRACELLULAR_REGION, GOBP_MAINTENANCE_OF_PROTEIN_LOCATION_IN_EXTRACELLULAR_REGION
GOMF_BILE_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_BILE_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY

FUJIWARA_PARK2_IN_LIVER_CANCER_DN, FUJIWARA_PARK2_IN_LIVER_CANCER_DN

GOBP_MIDBRAIN_HINDBRAIN_BOUNDARY_DEVELOPMENT, GOBP_MIDBRAIN_HINDBRAIN_BOUNDARY_DEVELOPMENT

HP_APLASIA_HYPOPLASIA_OF_THE_FALLOPIAN_TUBE, HP_APLASIA_HYPOPLASIA_OF_THE_FALLOPIAN_TUBE

GOCC_BLOOD_MICROPARTICLE, GOCC_BLOOD_MICROPARTICLE

HP_RIDGED_FINGERNAIL, HP_RIDGED_FINGERNAIL

chr12q21, chr12q21

MIR652 3P, MIR652 3P