```
GSE7852_LN_VS_FAT_TREG_UP, GSE7852_LN_VS_FAT_TREG_UP
 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_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
GSE15330_HSC_VS_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_IKAROS_KO_UP, GSE15330_HSC_VS_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_IKAROS_KO_UP
GSE19941_UNSTIM_VS_LPS_STIM_IL10_KO_MACROPHAGE_DN, GSE19941_UNSTIM_VS_LPS_STIM_IL10_KO_MACROPHAGE_DN
GSE40274_FOXP3_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
GSE13493_CD4INTCD8POS_VS_CD8POS_THYMOCYTE_UP, GSE13493_CD4INTCD8POS_VS_CD8POS_THYMOCYTE_UP
GSE339 CD8POS VS CD4CD8DN DC IN CULTURE DN, GSE339 CD8POS VS CD4CD8DN DC IN CULTURE 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
BENPORATH_NOS_TARGETS, BENPORATH_NOS_TARGETS
GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_6H_DN, GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_6H_DN
GSE3039 B2 VS B1 BCELL UP, GSE3039 B2 VS B1 BCELL UP
GSE23505_UNTREATED_VS_4DAY_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP, GSE23505_UNTREATED_VS_4DAY_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP
GSE20366_TREG_VS_TCONV_DN, GSE20366_TREG_VS_TCONV_DN
MIR12131, MIR12131
LU_AGING_BRAIN_DN, LU_AGING_BRAIN_DN
 MIR548BA, MIR548BA
MIR548AG, MIR548AG
MIR200A 5P, MIR200A 5P
 MIR200B_5P, MIR200B_5P
MIR548AU_3P, MIR548AU_3P
MIR6814_5P, MIR6814_5P
WP ECTODERM DIFFERENTIATION, WP ECTODERM DIFFERENTIATION
MIR606, MIR606
MIR8070, MIR8070
 MIR1199_5P, MIR1199_5P
MIR190B_5P, MIR190B_5P
 MIR4711_5P, MIR4711_5P
 MIR6751_3P, MIR6751_3P
 MIR190A 5P, MIR190A 5P
 SMIRNOV_RESPONSE_TO_IR_2HR_UP, SMIRNOV_RESPONSE_TO_IR_2HR_UP
 MIR6754 3P, MIR6754 3P
 GSE7460_FOXP3_MUT_VS_HET_ACT_TCONV_DN, GSE7460_FOXP3_MUT_VS_HET_ACT_TCONV_DN
 PIAS4_TARGET_GENES, PIAS4_TARGET_GENES
 MIR1261, MIR1261
 MIR6505_3P, MIR6505_3P
 MIR6892_3P, MIR6892_3P
 HOWLIN_CITED1_TARGETS_1_DN, HOWLIN_CITED1_TARGETS_1_DN
 MIR4317, MIR4317
 MIR6750_3P, MIR6750_3P
 MIR574_5P, MIR574_5P
 MIR2276 5P, MIR2276 5P
MARTORIATI_MDM4_TARGETS_NEUROEPITHELIUM_DN, MARTORIATI_MDM4_TARGETS_NEUROEPITHELIUM_DN
STREICHER_LSM1_TARGETS_UP, STREICHER_LSM1_TARGETS_UP
MIR3618, MIR3618
YTAATTAA_LHX3_01, YTAATTAA_LHX3_01
HP_ABNORMAL_CIRCULATING_IGM_LEVEL, HP_ABNORMAL_CIRCULATING_IGM_LEVEL
LEI_HOXC8_TARGETS_DN, LEI_HOXC8_TARGETS_DN
MIR3913_5P, MIR3913_5P
REACTOME_THE_ROLE_OF_NEF_IN_HIV_1_REPLICATION_AND_DISEASE_PATHOGENESIS, REACTOME_THE_ROLE_OF_NEF_IN_HIV_1_REPLICATION_AND_DISEASE_PATHOGENESIS
GOBP REGULATION OF DEFENSE RESPONSE TO VIRUS BY VIRUS, GOBP REGULATION OF DEFENSE RESPONSE TO VIRUS BY VIRUS
 MIR1185_5P, MIR1185_5P
 MIR6826_5P, MIR6826_5P
 MIR6502_3P, MIR6502_3P
 LU_TUMOR_ANGIOGENESIS_UP, LU_TUMOR_ANGIOGENESIS_UP
HP_SEVERE_INFECTION, HP_SEVERE_INFECTION
GOBP_MICROVILLUS_ORGANIZATION, GOBP_MICROVILLUS_ORGANIZATION
 MIR363_5P, MIR363_5P
GAUSSMANN_MLL_AF4_FUSION_TARGETS_G_DN, GAUSSMANN_MLL_AF4_FUSION_TARGETS_G_DN
 GOCC_POSTSYNAPTIC_SPECIALIZATION_INTRACELLULAR_COMPONENT, GOCC_POSTSYNAPTIC_SPECIALIZATION_INTRACELLULAR_COMPONENT
 MIR4281, MIR4281
HP_FEMORAL_HERNIA, HP_FEMORAL_HERNIA
GOBP_MICROVILLUS_ASSEMBLY, GOBP_MICROVILLUS_ASSEMBLY
HP_LYMPHOCYTOSIS, HP_LYMPHOCYTOSIS
 GOBP_NEGATIVE_REGULATION_OF_TRANSCRIPTION_FROM_RNA_POLYMERASE_II_PROMOTER_IN_RESPONSE_TO_STRESS, GOBP_NEGATIVE_REGULATION_FROM_RNA_POLYMERASE_II_PROMOTER_IN_RESPONSE_TO_STRESS, FOR TO_TRANSCRIPTION_FROM_RNA_POLYMERASE_II_PROMOTER_IN_P
HP_MATERNAL_DIABETES, HP_MATERNAL_DIABETES
 GOCC_POSTSYNAPTIC_DENSITY_INTRACELLULAR_COMPONENT, GOCC_POSTSYNAPTIC_DENSITY_INTRACELLULAR_COMPONENT
GOBP_NEUROTROPHIN_SIGNALING_PATHWAY, GOBP_NEUROTROPHIN_SIGNALING_PATHWAY
GOMF_BETA_2_MICROGLOBULIN_BINDING, GOMF_BETA_2_MICROGLOBULIN_BINDING
 REACTOME_METABOLISM_OF_COFACTORS, REACTOME_METABOLISM_OF_COFACTORS
PID_LPA4_PATHWAY, PID_LPA4_PATHWAY
HP_ELBOW_ANKYLOSIS, HP_ELBOW_ANKYLOSIS
GOBP_POSITIVE_REGULATION_OF_NEURON_PROJECTION_ARBORIZATION, GOBP_POSITIVE_REGULATION_OF_NEURON_PROJECTION_ARBORIZATION
GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_E_STIMULUS, GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_E_STIMULUS
HP_HUMERORADIAL_SYNOSTOSIS, HP_HUMERORADIAL_SYNOSTOSIS
BUSSLINGER_GASTRIC_D_CELLS, BUSSLINGER_GASTRIC_D_CELLS
MIR454_5P, MIR454_5P
HP_APLASIA_HYPOPLASIA_OF_THE_FALLOPIAN_TUBE, HP_APLASIA_HYPOPLASIA_OF_THE_FALLOPIAN_TUBE
GOBP_RESPONSE_TO_PROSTAGLANDIN_E, GOBP_RESPONSE_TO_PROSTAGLANDIN_E
MCCOLLUM_GELDANAMYCIN_RESISTANCE_UP, MCCOLLUM_GELDANAMYCIN_RESISTANCE_UP
HP PROXIMAL SYMPHALANGISM, HP PROXIMAL SYMPHALANGISM
COLIN_PILOCYTIC_ASTROCYTOMA_VS_GLIOBLASTOMA_DN, COLIN_PILOCYTIC_ASTROCYTOMA_VS_GLIOBLASTOMA_DN
GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_STIMULUS, GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_STIMULUS
GOBP_NEUROTROPHIN_TRK_RECEPTOR_SIGNALING_PATHWAY, GOBP_NEUROTROPHIN_TRK_RECEPTOR_SIGNALING_PATHWAY
REACTOME_NEGATIVE_REGULATION_OF_TCF_DEPENDENT_SIGNALING_BY_DVL_INTERACTING_PROTEINS, REACTOME_NEGATIVE_REGULATION_OF_TCF_DEPENDENT_SIGNALING_BY_DVL_INTERACTING_PROTEINS
GOBP_NEGATIVE_REGULATION_OF_SYNAPTIC_TRANSMISSION_GLUTAMATERGIC, GOBP_NEGATIVE_REGULATION_OF_SYNAPTIC_TRANSMISSION_GLUTAMATERGIC
GOBP_REGULATION_OF_MUCUS_SECRETION, GOBP_REGULATION_OF_MUCUS_SECRETION
ABBUD_LIF_SIGNALING_2_DN, ABBUD_LIF_SIGNALING_2_DN
GOBP_NEGATIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_IN_ABSENCE_OF_LIGAND, GOBP_NEGATIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_IN_ABSENCE_OF_LIGAND
HP_FINGERNAIL_DYSPLASIA, HP_FINGERNAIL_DYSPLASIA
GOBP_NEURAL_PLATE_MORPHOGENESIS, GOBP_NEURAL_PLATE_MORPHOGENESIS
GOBP_CONVERGENT_EXTENSION_INVOLVED_IN_ORGANOGENESIS, GOBP_CONVERGENT_EXTENSION_INVOLVED_IN_ORGANOGENESIS
GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CON
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_MRNA_EDITING_C_TO_U_CONVERSION, REACTOME_MRNA_EDITING_C_TO_U_CONVERSION
GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_DOMAIN_CONTAINING_SIGNALING
HOEK_MONOCYTE_2011_2012_TIV_ADULT_1DY_UP, HOEK_MONOCYTE_2011_2012_TIV_ADULT_1DY_UP
GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_ENDOGENOUS_LIPID_ANTIGEN_VIA_MHC_CLASS_IB, GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_ENDOGENOUS_LIPID_ANTIGEN_VIA_MHC_CLASS_IB
GOMF_LIPID_ANTIGEN_BINDING, GOMF_LIPID_ANTIGEN_BINDING
DESCARTES_FETAL_CEREBELLUM_UNIPOLAR_BRUSH_CELLS, DESCARTES_FETAL_CEREBELLUM_UNIPOLAR_BRUSH_CELLS
```

VS TGFBETA3 IL6 IL23A CD4 TCELL UP, GSE39820 CTRL VS TGFBETA3 IL6 IL23A CD4 TCELL UP

chrXq25, chrXq25