```
GSE1740 MCSF VS MCSF AND IFNG DAY2 DERIVED MACROPHAGE DN, GSE1740 MCSF VS MCSF AND IFNG DAY2 DERIVED MACROPHAGE DN
 GSE32533 WT VS MIR17 KO ACT CD4 TCELL DN, GSE32533 WT VS MIR17 KO ACT CD4 TCELL DN
 GSE3400_UNTREATED_VS_IFNB_TREATED_MEF_UP, GSE3400_UNTREATED_VS_IFNB_TREATED_MEF_UP
 GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_2H_DN, GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_2H_DN
 GSE1112_OT1_VS_HY_CD8AB_THYMOCYTE_RTOC_CULTURE_DN, GSE1112_OT1_VS_HY_CD8AB_THYMOCYTE_RTOC_CULTURE_DN
 GSE1740_MCSF_VS_MCSF_AND_IFNG_DAY2_DERIVED_MACROPHAGE_WITH_IFNA_STIM_UP, GSE1740_MCSF_VS_MCSF_AND_IFNG_DAY2_DERIVED_MACROPHAGE_WITH_IFNA_STIM_UP
 GSE2770_IL12_AND_TGFB_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN, GSE2770_IL12_AND_TGFB_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN
 GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_48H_UP, GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_48H_UP
GSE1740_UNSTIM_VS_IFNA_STIMULATED_MCSF_IFNG_DERIVED_MACROPHAGE_DN, GSE1740_UNSTIM_VS_IFNA_STIMULATED_MCSF_IFNG_DERIVED_MACROPHAGE_DN
 GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_12H_UP, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_12H_UP
 GSE2128_C57BL6_VS_NOD_CD4CD8_DP_THYMOCYTE_UP, GSE2128_C57BL6_VS_NOD_CD4CD8_DP_THYMOCYTE_UP
 GSE2128_C57BL6_VS_NOD_THYMOCYTE_MIMETOPE_NEGATIVE_SELECTION_DN, GSE2128_C57BL6_VS_NOD_THYMOCYTE_MIMETOPE_NEGATIVE_SELECTION_DN
 GSE40666_UNTREATED_VS_IFNA_STIM_STAT4_KO_EFFECTOR_CD8_TCELL_90MIN_DN, GSE40666_UNTREATED_VS_IFNA_STIM_STAT4_KO_EFFECTOR_CD8_TCELL_90MIN_DN
 GSE3982_BASOPHIL_VS_TH1_UP, GSE3982_BASOPHIL_VS_TH1_UP
 GSE25087_TREG_VS_TCONV_FETUS_UP, GSE25087_TREG_VS_TCONV_FETUS_UP
 GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_0.8H_UP, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_0.8H_UP
 GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_2H_UP, GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_2H_UP
 PECE_MAMMARY_STEM_CELL_DN, PECE_MAMMARY_STEM_CELL_DN
 GSE41867_DAY15_EFFECTOR_VS_DAY30_MEMORY_CD8_TCELL_LCMV_ARMSTRONG_DN, GSE41867_DAY15_EFFECTOR_VS_DAY30_MEMORY_CD8_TCELL_LCMV_ARMSTRONG_DN
 GSE21927 BALBC VS C57BL6 MONOCYTE SPLEEN UP, GSE21927 BALBC VS C57BL6 MONOCYTE SPLEEN UP
 MIR548AI_MIR570_5P, MIR548AI_MIR570_5P
 GAUSSMANN_MLL_AF4_FUSION_TARGETS_A_UP, GAUSSMANN_MLL_AF4_FUSION_TARGETS_A_UP
 GSE37301 RAG2 KO VS RAG2 AND ETS1 KO NK CELL UP, GSE37301 RAG2 KO VS RAG2 AND ETS1 KO NK CELL UP
 MIR558, MIR558
 MIR6505 5P, MIR6505 5P
 MIR548AO_5P_MIR548AX, MIR548AO_5P_MIR548AX
 MIR194_5P, MIR194_5P
 MIR585_5P, MIR585_5P
 GSE19941 LPS VS LPS AND IL10 STIM IL10 KO NFKBP50 KO MACROPHAGE UP, GSE19941 LPS VS LPS AND IL10 STIM IL10 KO NFKBP50 KO MACROPHAGE UP
 MIR8065, MIR8065
 MIR3682_5P, MIR3682_5P
 MIR4727_5P, MIR4727_5P
 MIR12132, MIR12132
 MIR584_5P, MIR584_5P
 GOMF_INTEGRIN_BINDING, GOMF_INTEGRIN_BINDING
 MIR4678, MIR4678
 MIR642B_5P, MIR642B_5P
 MIR889_5P, MIR889_5P
 GOBP_MUCOPOLYSACCHARIDE_METABOLIC_PROCESS, GOBP_MUCOPOLYSACCHARIDE_METABOLIC_PROCESS
 HP THORACIC HYPOPLASIA, HP THORACIC HYPOPLASIA
 REACTOME RHOG GTPASE CYCLE, REACTOME RHOG GTPASE CYCLE
 MIR4286, MIR4286
 GSE39820_IL1B_IL6_VS_IL1B_IL6_IL23A_TREATED_CD4_TCELL_UP, GSE39820_IL1B_IL6_VS_IL1B_IL6_IL23A_TREATED_CD4_TCELL_UP
 MIR891A_3P, MIR891A_3P
 GOBP_AMINOGLYCAN_BIOSYNTHETIC_PROCESS, GOBP_AMINOGLYCAN_BIOSYNTHETIC_PROCESS
 MIR597_5P, MIR597_5P
 INGRAM_SHH_TARGETS_UP, INGRAM_SHH_TARGETS_UP
 MIR211_3P, MIR211_3P
 MIR7849_3P, MIR7849_3P
 MIR548Q, MIR548Q
 MIR4797_3P, MIR4797_3P
 MIR592, MIR592
 REACTOME_CA2_PATHWAY, REACTOME_CA2_PATHWAY
 MIR6866_5P, MIR6866_5P
 TCTATGA_MIR376A_MIR376B, TCTATGA_MIR376A_MIR376B
 MIR3120_5P, MIR3120_5P
 HARALAMBIEVA_PBMC_M_M_R_II_AGE_13_16YO_STIMULATED_VS_UNSTIMULATED_3_TO_7YR_POST_TOP_DEG_UP, HARALAMBIEVA_PBMC_M_M_R_II_AGE_13_16YO_STIMULATED_VS_UNSTIMULATED_3_
 GSE34205_RSV_VS_FLU_INF_INFANT_PBMC_UP, GSE34205_RSV_VS_FLU_INF_INFANT_PBMC_UP
 MIR3682_3P, MIR3682_3P
 MIR331_5P, MIR331_5P
 RELA_DN.V1_UP, RELA_DN.V1_UP
 MIR7112_3P, MIR7112_3P
 HP_LYMPHEDEMA, HP_LYMPHEDEMA
 GSE11924_TH1_VS_TH17_CD4_TCELL_UP, GSE11924_TH1_VS_TH17_CD4_TCELL_UP
 WP_MECHANOREGULATION_AND_PATHOLOGY_OF_YAPTAZ_VIA_HIPPO_AND_NONHIPPO_MECHANISMS, WP_MECHANOREGULATION_AND_PATHOLOGY_OF_YAPTAZ_VIA_HIPPO_AND_NONHIPPO_M
 MIR3142, MIR3142
 SCHOEN_NFKB_SIGNALING, SCHOEN_NFKB_SIGNALING
 GOBP_POLYSACCHARIDE_METABOLIC_PROCESS, GOBP_POLYSACCHARIDE_METABOLIC_PROCESS
 GRAHAM_NORMAL_QUIESCENT_VS_NORMAL_DIVIDING_UP, GRAHAM_NORMAL_QUIESCENT_VS_NORMAL_DIVIDING_UP
 KEGG_AXON_GUIDANCE, KEGG_AXON_GUIDANCE
 TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_6HR_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_6HR_UP
 MIR601, MIR601
 MIR1224_5P, MIR1224_5P
 GOMF_PEPTIDASE_ACTIVATOR_ACTIVITY, GOMF_PEPTIDASE_ACTIVATOR_ACTIVITY
 RAGHAVACHARI_PLATELET_SPECIFIC_GENES, RAGHAVACHARI_PLATELET_SPECIFIC_GENES
 HP_ABNORMALITY_OF_SKULL_OSSIFICATION, HP_ABNORMALITY_OF_SKULL_OSSIFICATION
 GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS, GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS
 BCAT_GDS748_DN, BCAT_GDS748_DN
 GOBP_WNT_SIGNALING_PATHWAY_CALCIUM_MODULATING_PATHWAY, GOBP_WNT_SIGNALING_PATHWAY_CALCIUM_MODULATING_PATHWAY
 WP_G_PROTEIN_SIGNALING_PATHWAYS, WP_G_PROTEIN_SIGNALING_PATHWAYS
 MIR4539, MIR4539
 HP_ABNORMAL_SPERM_MOTILITY, HP_ABNORMAL_SPERM_MOTILITY
 HP_SHORT_RIBS, HP_SHORT_RIBS
 GOBP_THYMUS_DEVELOPMENT, GOBP_THYMUS_DEVELOPMENT
 REACTOME PYROPTOSIS, REACTOME PYROPTOSIS
HP_ENLARGED_THORAX, HP_ENLARGED_THORAX
 GOMF EXTRACELLULAR MATRIX BINDING, GOMF EXTRACELLULAR MATRIX BINDING
 GOBP_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION, GOBP_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION
 GOMF_COLLAGEN_BINDING, GOMF_COLLAGEN_BINDING
GOBP_CHONDROITIN_SULFATE_PROTEOGLYCAN_METABOLIC_PROCESS, GOBP_CHONDROITIN_SULFATE_PROTEOGLYCAN_METABOLIC_PROCESS
HP_BROAD_EYEBROW, HP_BROAD_EYEBROW
 MIR769_5P, MIR769_5P
 GSE22589_SIV_VS_HIV_AND_SIV_INFECTED_DC_DN, GSE22589_SIV_VS_HIV_AND_SIV_INFECTED_DC_DN
 GOMF_UDP_GLYCOSYLTRANSFERASE_ACTIVITY, GOMF_UDP_GLYCOSYLTRANSFERASE_ACTIVITY
 MIR145_3P, MIR145_3P
 HP_ABNORMAL_DELIVERY, HP_ABNORMAL_DELIVERY
 GOBP_REGULATION_OF_GOLGI_ORGANIZATION, GOBP_REGULATION_OF_GOLGI_ORGANIZATION
 GSE29615_DAY3_VS_DAY7_LAIV_FLU_VACCINE_PBMC_UP, GSE29615_DAY3_VS_DAY7_LAIV_FLU_VACCINE_PBMC_UP
 GOMF_PHOSPHATIDYLSERINE_BINDING, GOMF_PHOSPHATIDYLSERINE_BINDING
 HP_MULTIPLE_PRENATAL_FRACTURES, HP_MULTIPLE_PRENATAL_FRACTURES
 GOBP_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION, GOBP_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION
 HP_PLEURAL_EFFUSION, HP_PLEURAL_EFFUSION
 HP_ATYPICAL_ABSENCE_SEIZURE, HP_ATYPICAL_ABSENCE_SEIZURE
 GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION, GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION
 HP_DERMAL_TRANSLUCENCY, HP_DERMAL_TRANSLUCENCY
GOBP_ENERGY_RESERVE_METABOLIC_PROCESS, GOBP_ENERGY_RESERVE_METABOLIC_PROCESS
GOBP_REGULATION_OF_AMINO_ACID_TRANSPORT, GOBP_REGULATION_OF_AMINO_ACID_TRANSPORT
 GOMF ACETYLGALACTOSAMINYLTRANSFERASE ACTIVITY, GOMF ACETYLGALACTOSAMINYLTRANSFERASE ACTIVITY
 GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_TRANSMISSION, GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_TRANSMISSION
 GOBP_MESODERM_DEVELOPMENT, GOBP_MESODERM_DEVELOPMENT
 HP_REDUCED_SPERM_MOTILITY, HP_REDUCED_SPERM_MOTILITY
 GOBP_FIBRINOLYSIS, GOBP_FIBRINOLYSIS
 PID_LYMPH_ANGIOGENESIS_PATHWAY, PID_LYMPH_ANGIOGENESIS_PATHWAY
 GOBP_LABYRINTHINE_LAYER_MORPHOGENESIS, GOBP_LABYRINTHINE_LAYER_MORPHOGENESIS
 BIOCARTA_UCALPAIN_PATHWAY, BIOCARTA_UCALPAIN_PATHWAY
 LIEN_BREAST_CARCINOMA_METAPLASTIC, LIEN_BREAST_CARCINOMA_METAPLASTIC
 WP_HEDGEHOG_SIGNALING_PATHWAY, WP_HEDGEHOG_SIGNALING_PATHWAY
 GOCC_INSULIN_RESPONSIVE_COMPARTMENT, GOCC_INSULIN_RESPONSIVE_COMPARTMENT
 REACTOME_MOLECULES_ASSOCIATED_WITH_ELASTIC_FIBRES, REACTOME_MOLECULES_ASSOCIATED_WITH_ELASTIC_FIBRES
 GOBP_CHROMATIN_SILENCING_AT_TELOMERE, GOBP_CHROMATIN_SILENCING_AT_TELOMERE
 FERRARI_RESPONSE_TO_FENRETINIDE_UP, FERRARI_RESPONSE_TO_FENRETINIDE_UP
 HASLINGER_B_CLL_WITH_11Q23_DELETION, HASLINGER_B_CLL_WITH_11Q23_DELETION
 REACTOME_SYNDECAN_INTERACTIONS, REACTOME_SYNDECAN_INTERACTIONS
 MIR3677_5P, MIR3677_5P
 GOMF_GLUTAMATE_RECEPTOR_BINDING, GOMF_GLUTAMATE_RECEPTOR_BINDING
 TACGGGT_MIR99A_MIR100_MIR99B, TACGGGT_MIR99A_MIR100_MIR99B
 REACTOME_SYNTHESIS_OF_PC, REACTOME_SYNTHESIS_OF_PC
 GOBP_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION, GOBP_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION
 HP_ABNORMALITY_OF_THE_UMBILICAL_CORD, HP_ABNORMALITY_OF_THE_UMBILICAL_CORD
 GOBP_KIDNEY_MORPHOGENESIS, GOBP_KIDNEY_MORPHOGENESIS
 GOBP_REGULATION_OF_PHOSPHATIDYLCHOLINE_METABOLIC_PROCESS, GOBP_REGULATION_OF_PHOSPHATIDYLCHOLINE_METABOLIC_PROCESS
 GOBP_REGULATION_OF_EPIDERMIS_DEVELOPMENT, GOBP_REGULATION_OF_EPIDERMIS_DEVELOPMENT
 REACTOME_ELASTIC_FIBRE_FORMATION, REACTOME_ELASTIC_FIBRE_FORMATION
 GOBP_POSITIVE_REGULATION_OF_ORGANIC_ACID_TRANSPORT, GOBP_POSITIVE_REGULATION_OF_ORGANIC_ACID_TRANSPORT
 GOBP_NEGATIVE_REGULATION_OF_HORMONE_SECRETION, GOBP_NEGATIVE_REGULATION_OF_HORMONE_SECRETION
 MIR9900, MIR9900
 GOMF_MANNOSIDASE_ACTIVITY, GOMF_MANNOSIDASE_ACTIVITY
 BIOCARTA_EDG1_PATHWAY, BIOCARTA_EDG1_PATHWAY
 HP_DIAPHYSEAL_THICKENING, HP_DIAPHYSEAL_THICKENING
 HP_ABNORMALITY_OF_THE_5TH_METACARPAL, HP_ABNORMALITY_OF_THE_5TH_METACARPAL
 GOMF_MAP_KINASE_ACTIVITY, GOMF_MAP_KINASE_ACTIVITY
 REACTOME_PROSTACYCLIN_SIGNALLING_THROUGH_PROSTACYCLIN_RECEPTOR, REACTOME_PROSTACYCLIN_SIGNALLING_THROUGH_PROSTACYCLIN_RECEPTOR
 HP_ABNORMAL_PELVIS_BONE_OSSIFICATION, HP_ABNORMAL_PELVIS_BONE_OSSIFICATION
 DORSEY_GAB2_TARGETS, DORSEY_GAB2_TARGETS
 GOBP_STRIATED_MUSCLE_CELL_PROLIFERATION, GOBP_STRIATED_MUSCLE_CELL_PROLIFERATION
 HINATA_NFKB_TARGETS_KERATINOCYTE_DN, HINATA_NFKB_TARGETS_KERATINOCYTE_DN
 GOBP_INDOLE_CONTAINING_COMPOUND_METABOLIC_PROCESS, GOBP_INDOLE_CONTAINING_COMPOUND_METABOLIC_PROCESS
 HP_HYPOCALCEMIC_TETANY, HP_HYPOCALCEMIC_TETANY
 GOBP_NEGATIVE_REGULATION_OF_ALPHA_BETA_T_CELL_ACTIVATION, GOBP_NEGATIVE_REGULATION_OF_ALPHA_BETA_T_CELL_ACTIVATION
 GOBP_ENDOCRINE_PROCESS, GOBP_ENDOCRINE_PROCESS
 GOBP_INDOLALKYLAMINE_METABOLIC_PROCESS, GOBP_INDOLALKYLAMINE_METABOLIC_PROCESS
 HP_GASTRITIS, HP_GASTRITIS
 GOBP_NAD_BIOSYNTHETIC_PROCESS, GOBP_NAD_BIOSYNTHETIC_PROCESS
 WP_SEROTONIN_TRANSPORTER_ACTIVITY, WP_SEROTONIN_TRANSPORTER_ACTIVITY
 GOBP_RAB_PROTEIN_SIGNAL_TRANSDUCTION, GOBP_RAB_PROTEIN_SIGNAL_TRANSDUCTION
 GOBP_REGULATION_OF_BICELLULAR_TIGHT_JUNCTION_ASSEMBLY, GOBP_REGULATION_OF_BICELLULAR_TIGHT_JUNCTION_ASSEMBLY
 GOMF_FIBRONECTIN_BINDING, GOMF_FIBRONECTIN_BINDING
 GOBP_REGULATION_OF_CD8_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION, GOBP_REGULATION_OF_CD8_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION
 GOBP_MESONEPHRIC_TUBULE_MORPHOGENESIS, GOBP_MESONEPHRIC_TUBULE_MORPHOGENESIS
 GOBP_POSITIVE_REGULATION_OF_AMINO_ACID_TRANSPORT, GOBP_POSITIVE_REGULATION_OF_AMINO_ACID_TRANSPORT
 WP ANGIOGENESIS, WP ANGIOGENESIS
 BIOCARTA_IL5_PATHWAY, BIOCARTA_IL5_PATHWAY
 HP_IMPACTED_TOOTH, HP_IMPACTED_TOOTH
 GOBP_REGULATION_OF_DNA_LIGATION, GOBP_REGULATION_OF_DNA_LIGATION
 LINDSTEDT_DENDRITIC_CELL_MATURATION_A, LINDSTEDT_DENDRITIC_CELL_MATURATION_A
 REACTOME_CHONDROITIN_SULFATE_BIOSYNTHESIS, REACTOME_CHONDROITIN_SULFATE_BIOSYNTHESIS
 REACTOME_GLUCAGON_LIKE_PEPTIDE_1_GLP1_REGULATES_INSULIN_SECRETION, REACTOME_GLUCAGON_LIKE_PEPTIDE_1_GLP1_REGULATES_INSULIN_SECRETION
 GOBP_REGULATION_OF_PLASMINOGEN_ACTIVATION, GOBP_REGULATION_OF_PLASMINOGEN_ACTIVATION
 HASLINGER_B_CLL_WITH_MUTATED_VH_GENES, HASLINGER_B_CLL_WITH_MUTATED_VH_GENES
 KIM_ALL_DISORDERS_DURATION_CORR_UP, KIM_ALL_DISORDERS_DURATION_CORR_UP
WP_LTF_DANGER_SIGNAL_RESPONSE_PATHWAY, WP_LTF_DANGER_SIGNAL_RESPONSE_PATHWAY
 GOBP NEGATIVE REGULATION OF FIBRINOLYSIS, GOBP NEGATIVE REGULATION OF FIBRINOLYSIS
 WP_TRYPTOPHAN_CATABOLISM_LEADING_TO_NAD_PRODUCTION, WP_TRYPTOPHAN_CATABOLISM_LEADING_TO_NAD_PRODUCTION
 WP_NANOPARTICLEMEDIATED_ACTIVATION_OF_RECEPTOR_SIGNALING, WP_NANOPARTICLEMEDIATED_ACTIVATION_OF_RECEPTOR_SIGNALING
 GOBP_REGULATION_OF_EPITHELIAL_CELL_DIFFERENTIATION, GOBP_REGULATION_OF_EPITHELIAL_CELL_DIFFERENTIATION
 GOBP PHOSPHATIDYLSERINE METABOLIC PROCESS, GOBP PHOSPHATIDYLSERINE METABOLIC PROCESS
 GOBP NEPHRON_MORPHOGENESIS, GOBP_NEPHRON_MORPHOGENESIS
 GOBP NEGATIVE REGULATION OF CD4 POSITIVE ALPHA BETA T CELL DIFFERENTIATION, GOBP NEGATIVE REGULATION OF CD4 POSITIVE ALPHA BETA T CELL DIFFERENTIATION
 HP_APLASIA_HYPOPLASIA_OF_THE_5TH_METACARPAL, HP_APLASIA_HYPOPLASIA_OF_THE_5TH_METACARPAL
 GOBP_NEGATIVE_REGULATION_OF_ENDOTHELIAL_CELL_CHEMOTAXIS, GOBP_NEGATIVE_REGULATION_OF_ENDOTHELIAL_CELL_CHEMOTAXIS
 HP_ABSENT_OR_MINIMALLY_OSSIFIED_VERTEBRAL_BODIES, HP_ABSENT_OR_MINIMALLY_OSSIFIED_VERTEBRAL_BODIES
 GOBP_ENDOCRINE_HORMONE_SECRETION, GOBP_ENDOCRINE_HORMONE_SECRETION
GOMF_C_X_C_CHEMOKINE_BINDING, GOMF_C_X_C_CHEMOKINE_BINDING
 HP_HIGH_FREQUENCY_SENSORINEURAL_HEARING_IMPAIRMENT, HP_HIGH_FREQUENCY_SENSORINEURAL_HEARING_IMPAIRMENT
 GOBP POSITIVE REGULATION OF DNA LIGATION, GOBP POSITIVE REGULATION OF DNA LIGATION
 GOMF_C_X3_C_CHEMOKINE_BINDING, GOMF_C_X3_C_CHEMOKINE_BINDING
 GOBP_CALMODULIN_DEPENDENT_KINASE_SIGNALING_PATHWAY, GOBP_CALMODULIN_DEPENDENT_KINASE_SIGNALING_PATHWAY
 GOBP_KETONE_CATABOLIC_PROCESS, GOBP_KETONE_CATABOLIC_PROCESS
 GOBP_POSITIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS, GOBP_POSITIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS
 BIOCARTA_TFF_PATHWAY, BIOCARTA_TFF_PATHWAY
chr4p15, chr4p15
 HP_REFLEX_SEIZURE, HP_REFLEX_SEIZURE
 REACTOME_G_ALPHA_S_SIGNALLING_EVENTS, REACTOME_G_ALPHA_S_SIGNALLING_EVENTS
 GOMF_NEUREGULIN_BINDING, GOMF_NEUREGULIN_BINDING
 PALOMERO_GSI_SENSITIVITY_DN, PALOMERO_GSI_SENSITIVITY_DN
 HP ANKYLOSIS, HP ANKYLOSIS
chr15q23, chr15q23
 HP_APLASIA_HYPOPLASIA_OF_THE_COLON, HP_APLASIA_HYPOPLASIA_OF_THE_COLON
 HP_PSEUDOARTHROSIS, HP_PSEUDOARTHROSIS
```

ROMEDINU\_IN\_T\_CELL\_LINE\_6H\_DN, GSE1791\_CTRL\_VS\_NEUROMEDINU\_IN\_T\_CELL\_LINE\_6H\_DN

```
GOBP_NEGATIVE_REGULATION_OF_ALPHA_BETA_T_CELL_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_ALPHA_BETA_T_CELL_DIFFERENTIATION
HP_EEG_WITH_FOCAL_SHARP_SLOW_WAVES, HP_EEG_WITH_FOCAL_SHARP_SLOW_WAVES
GOBP_NEGATIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION, GOBP_NEGATIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION
HP POSTEXERTIONAL MALAISE, HP POSTEXERTIONAL MALAISE
GOMF_OPIOID_RECEPTOR_BINDING, GOMF_OPIOID_RECEPTOR_BINDING
GOBP_NEGATIVE_REGULATION_OF_CGMP_MEDIATED_SIGNALING, GOBP_NEGATIVE_REGULATION_OF_CGMP_MEDIATED_SIGNALING
GOBP_NEGATIVE_REGULATION_OF_VASOCONSTRICTION, GOBP_NEGATIVE_REGULATION_OF_VASOCONSTRICTION
GOBP_REGULATION_OF_INWARD_RECTIFIER_POTASSIUM_CHANNEL_ACTIVITY, GOBP_REGULATION_OF_INWARD_RECTIFIER_POTASSIUM_CHANNEL_ACTIVITY
GOMF_CELL_MATRIX_ADHESION_MEDIATOR_ACTIVITY, GOMF_CELL_MATRIX_ADHESION_MEDIATOR_ACTIVITY
DESCARTES_MAIN_FETAL_INHIBITORY_INTERNEURONS, DESCARTES_MAIN_FETAL_INHIBITORY_INTERNEURONS
REACTOME GLUCAGON TYPE LIGAND RECEPTORS, REACTOME GLUCAGON TYPE LIGAND RECEPTORS
GOBP_PLASMINOGEN_ACTIVATION, GOBP_PLASMINOGEN_ACTIVATION
GOBP_ENDOTHELIAL_CELL_CHEMOTAXIS, GOBP_ENDOTHELIAL_CELL_CHEMOTAXIS
REACTOME_ADORA2B_MEDIATED_ANTI_INFLAMMATORY_CYTOKINES_PRODUCTION, REACTOME_ADORA2B_MEDIATED_ANTI_INFLAMMATORY_CYTOKINES_PRODUCTION
```