```
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
                                                                                                                    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_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
                                                                                                                    GSE37416_12H_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_UP, GSE37416_12H_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_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
                                                                                                                    GSE22886 TH1 VS TH2 48H ACT DN, GSE22886 TH1 VS TH2 48H ACT DN
                                                                                                                    GSE3982_DC_VS_EFF_MEMORY_CD4_TCELL_UP, GSE3982_DC_VS_EFF_MEMORY_CD4_TCELL_UP
                                                                                                                    GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_48H_UP, GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_48H_UP
                                                                                                                    GSE2128_C57BL6_VS_NOD_THYMOCYTE_MIMETOPE_NEGATIVE_SELECTION_DN, GSE2128_C57BL6_VS_NOD_THYMOCYTE_MIMETOPE_NEGATIVE_SELECTION_DN
                                                                                                                    GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_48H_UP, GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_48H_UP
                                                                                                                    GSE24142_DN2_VS_DN3_THYMOCYTE_ADULT_DN, GSE24142_DN2_VS_DN3_THYMOCYTE_ADULT_DN
                                                                                                                    PECE_MAMMARY_STEM_CELL_DN, PECE_MAMMARY_STEM_CELL_DN
                                                                                                                    GSE42021_TCONV_PLN_VS_TREG_PRECURSORS_THYMUS_UP, GSE42021_TCONV_PLN_VS_TREG_PRECURSORS_THYMUS_UP
                                                                                                                    GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_6H_UP, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_6H_UP
                                                                                                                    GSE2128_C57BL6_VS_NOD_CD4CD8_DP_THYMOCYTE_UP, GSE2128_C57BL6_VS_NOD_CD4CD8_DP_THYMOCYTE_UP
                                                                                                                    GSE40666_UNTREATED_VS_IFNA_STIM_STAT4_KO_EFFECTOR_CD8_TCELL_90MIN_DN, GSE40666_UNTREATED_VS_IFNA_STIM_STAT4_KO_EFFECTOR_CD8_TCELL_90MIN_DN
                                                                                                                   STEARMAN_LUNG_CANCER_EARLY_VS_LATE_UP, STEARMAN_LUNG_CANCER_EARLY_VS_LATE_UP
                                                                                                                    GSE5679_CTRL_VS_RARA_AGONIST_AM580_TREATED_DC_DN, GSE5679_CTRL_VS_RARA_AGONIST_AM580_TREATED_DC_DN
                                                                                                                    GSE15767_MED_VS_SCS_MAC_LN_UP, GSE15767_MED_VS_SCS_MAC_LN_UP
                                                                                                                    PUIFFE INVASION INHIBITED BY ASCITES DN, PUIFFE INVASION INHIBITED BY ASCITES DN
                                                                                                                    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
                                                                                                                    GSE1791 CTRL VS NEUROMEDINU IN T CELL LINE 3H DN, GSE1791 CTRL VS NEUROMEDINU IN T CELL LINE 3H DN
                                                                                                                    MIR6768_3P, MIR6768_3P
                                                                                                                    MIR6505_5P, MIR6505_5P
                                                                                                                    GSE37301_RAG2_KO_VS_RAG2_AND_ETS1_KO_NK_CELL_UP, GSE37301_RAG2_KO_VS_RAG2_AND_ETS1_KO_NK_CELL_UP
                                                                                                                    GSE42021_TREG_PLN_VS_TREG_PRECURSORS_THYMUS_UP, GSE42021_TREG_PLN_VS_TREG_PRECURSORS_THYMUS_UP
                                                                                                                    GSE21927_BALBC_VS_C57BL6_MONOCYTE_SPLEEN_UP, GSE21927_BALBC_VS_C57BL6_MONOCYTE_SPLEEN_UP
                                                                                                                    MIR8065, MIR8065
                                                                                                                    MIR1208, MIR1208
                                                                                                                    HP_THORACIC_HYPOPLASIA, HP_THORACIC_HYPOPLASIA
                                                                                                                    REACTOME_RUNX1_REGULATES_GENES_INVOLVED_IN_MEGAKARYOCYTE_DIFFERENTIATION_AND_PLATELET_FUNCTION, REACTOME_RUNX1_REGULATES_GENES_INVOLVED_IN_MEGAKARYOCYTE_DIFFERENTIATION
                                                                                                                    MIR12132, MIR12132
                                                                                                                    GOMF_HORMONE_RECEPTOR_BINDING, GOMF_HORMONE_RECEPTOR_BINDING
                                                                                                                    MIR558, MIR558
                                                                                                                    MIR4727_5P, MIR4727_5P
                                                                                                                    MIR4456, MIR4456
                                                                                                                    MIR642B_5P, MIR642B_5P
                                                                                                                    GOBP_REGULATION_OF_MEGAKARYOCYTE_DIFFERENTIATION, GOBP_REGULATION_OF_MEGAKARYOCYTE_DIFFERENTIATION
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_HEMOPOIESIS, GOBP_POSITIVE_REGULATION_OF_HEMOPOIESIS
                                                                                                                    GSE32423 CTRL VS IL7 MEMORY CD8 TCELL DN, GSE32423 CTRL VS IL7 MEMORY CD8 TCELL DN
                                                                                                                    MIR5001_3P, MIR5001_3P
                                                                                                                    MENON_FETAL_KIDNEY_9_ENDOTHELIAL_CELLS, MENON_FETAL_KIDNEY_9_ENDOTHELIAL_CELLS
                                                                                                                    MIR7162_5P, MIR7162_5P
                                                                                                                   GOBP_AMINOGLYCAN_BIOSYNTHETIC_PROCESS, GOBP_AMINOGLYCAN_BIOSYNTHETIC_PROCESS
                                                                                                                   GOBP_PROTEOGLYCAN_METABOLIC_PROCESS, GOBP_PROTEOGLYCAN_METABOLIC_PROCESS
                                                                                                                    MIR211_3P, MIR211_3P
                                                                                                                    GOMF_INTEGRIN_BINDING, GOMF_INTEGRIN_BINDING
                                                                                                                    GSE1112_OT1_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTOC_CULTURE_DN, GSE1112_OT1_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTOC_CULTURE_DN
                                                                                                                    REACTOME_RHOG_GTPASE_CYCLE, REACTOME_RHOG_GTPASE_CYCLE
                                                                                                                    MIR495_5P, MIR495_5P
                                                                                                                    GOBP_MUCOPOLYSACCHARIDE_METABOLIC_PROCESS, GOBP_MUCOPOLYSACCHARIDE_METABOLIC_PROCESS
                                                                                                                    GOBP RESPONSE TO OSMOTIC STRESS, GOBP RESPONSE TO OSMOTIC STRESS
                                                                                                                    MIR3682_3P, MIR3682_3P
                                                                                                                    MIR1912_3P, MIR1912_3P
                                                                                                                    GOBP_EPITHELIAL_TO_MESENCHYMAL_TRANSITION, GOBP_EPITHELIAL_TO_MESENCHYMAL_TRANSITION
                                                                                                                   RELA_DN.V1_UP, RELA_DN.V1_UP
                                                                                                                   GRAHAM_NORMAL_QUIESCENT_VS_NORMAL_DIVIDING_UP, GRAHAM_NORMAL_QUIESCENT_VS_NORMAL_DIVIDING_UP
                                                                                                                    REACTOME_ELASTIC_FIBRE_FORMATION, REACTOME_ELASTIC_FIBRE_FORMATION
                                                                                                                    GOMF_CYTOKINE_BINDING, GOMF_CYTOKINE_BINDING
                                                                                                                    GOBP_CELL_ADHESION_MEDIATED_BY_INTEGRIN, GOBP_CELL_ADHESION_MEDIATED_BY_INTEGRIN
                                                                                                                    MIR148B_5P, MIR148B_5P
                                                                                                                    REACTOME_CA2_PATHWAY, REACTOME_CA2_PATHWAY
                                                                                                                    WP_G_PROTEIN_SIGNALING_PATHWAYS, WP_G_PROTEIN_SIGNALING_PATHWAYS
                                                                                                                    MIR1295B 5P, MIR1295B 5P
                                                                                                                   GOBP_PROTEOGLYCAN_BIOSYNTHETIC_PROCESS, GOBP_PROTEOGLYCAN_BIOSYNTHETIC_PROCESS
                                                                                                                    MIR584_5P, MIR584_5P
                                                                                                                    MIR1178_3P, MIR1178_3P
                                                                                                                    MIR5588_3P, MIR5588_3P
                                                                                                                    GSE34205_RSV_VS_FLU_INF_INFANT_PBMC_UP, GSE34205_RSV_VS_FLU_INF_INFANT_PBMC_UP
                                                                                                                   ZHAN_MULTIPLE_MYELOMA_CD1_VS_CD2_DN, ZHAN_MULTIPLE_MYELOMA_CD1_VS_CD2_DN
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION, GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION
                                                                                                                    MIR597_5P, MIR597_5P
                                                                                                                    TAKEDA TARGETS OF NUP98 HOXA9 FUSION 6HR UP, TAKEDA TARGETS OF NUP98 HOXA9 FUSION 6HR UP
                                                                                                                    HP_ANKYLOSIS, HP_ANKYLOSIS
                                                                                                                    ZHU_CMV_8_HR_DN, ZHU_CMV_8_HR_DN
                                                                                                                    GOBP_REGULATION_OF_WOUND_HEALING, GOBP_REGULATION_OF_WOUND_HEALING
                                                                                                                    REACTOME_MOLECULES_ASSOCIATED_WITH_ELASTIC_FIBRES, REACTOME_MOLECULES_ASSOCIATED_WITH_ELASTIC_FIBRES
                                                                                                                    CASORELLI_APL_SECONDARY_VS_DE_NOVO_UP, CASORELLI_APL_SECONDARY_VS_DE_NOVO_UP
                                                                                                                    LAKE_ADULT_KIDNEY_C25_ENDOTHELIAL_CELLS_UNASSIGNED, LAKE_ADULT_KIDNEY_C25_ENDOTHELIAL_CELLS_UNASSIGNED
                                                                                                                    GOBP_NEPHRON_DEVELOPMENT, GOBP_NEPHRON_DEVELOPMENT
                                                                                                                    MIR4638_3P, MIR4638_3P
                                                                                                                    MIR601, MIR601
                                                                                                                    HP BILATERAL TONIC CLONIC SEIZURE WITH GENERALIZED ONSET, HP BILATERAL TONIC CLONIC SEIZURE WITH GENERALIZED ONSET
                                                                                                                    GOBP_RESPONSE_TO_PROGESTERONE, GOBP_RESPONSE_TO_PROGESTERONE
                                                                                                                    GSE1740 MCSF VS MCSF AND IFNG DAY2 DERIVED MACROPHAGE WITH IFNA STIM DN, GSE1740 MCSF VS MCSF AND IFNG DAY2 DERIVED MACROPHAGE WITH IFNA STIM DN
                                                                                                                   HP_BROAD_EYEBROW, HP_BROAD_EYEBROW
                                                                                                                    WP_MECHANOREGULATION_AND_PATHOLOGY_OF_YAPTAZ_VIA_HIPPO_AND_NONHIPPO_MECHANISMS, WP_MECHANOREGULATION_AND_PATHOLOGY_OF_YAPTAZ_VIA_HIPPO_AND_NONHIPPO_MECHANISMS
                                                                                                                    GOMF_EXTRACELLULAR_MATRIX_BINDING, GOMF_EXTRACELLULAR_MATRIX_BINDING
                                                                                                                   WP_NANOPARTICLEMEDIATED_ACTIVATION_OF_RECEPTOR_SIGNALING, WP_NANOPARTICLEMEDIATED_ACTIVATION_OF_RECEPTOR_SIGNALING
ROMEDINU_IN_T_CELL_LINE_6H_DN, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_6H_DN
                                                                                                                   HP_PLEURAL_EFFUSION, HP_PLEURAL_EFFUSION
                                                                                                                    GOBP_MESODERM_DEVELOPMENT, GOBP_MESODERM_DEVELOPMENT
                                                                                                                    GOMF_CORECEPTOR_ACTIVITY, GOMF_CORECEPTOR_ACTIVITY
                                                                                                                    GUENTHER_GROWTH_SPHERICAL_VS_ADHERENT_DN, GUENTHER_GROWTH_SPHERICAL_VS_ADHERENT_DN
                                                                                                                    HP_SHORT_RIBS, HP_SHORT_RIBS
                                                                                                                    GOMF_MANNOSIDASE_ACTIVITY, GOMF_MANNOSIDASE_ACTIVITY
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_WOUND_HEALING, GOBP_POSITIVE_REGULATION_OF_WOUND_HEALING
                                                                                                                    MIR7112_3P, MIR7112_3P
                                                                                                                    GOMF_SOLUTE_PROTON_ANTIPORTER_ACTIVITY, GOMF_SOLUTE_PROTON_ANTIPORTER_ACTIVITY
                                                                                                                    MOREAUX_B_LYMPHOCYTE_MATURATION_BY_TACI_UP, MOREAUX_B_LYMPHOCYTE_MATURATION_BY_TACI_UP
                                                                                                                    GOBP_CHONDROITIN_SULFATE_PROTEOGLYCAN_METABOLIC_PROCESS, GOBP_CHONDROITIN_SULFATE_PROTEOGLYCAN_METABOLIC_PROCESS
                                                                                                                   GOMF_COLLAGEN_BINDING, GOMF_COLLAGEN_BINDING
                                                                                                                    GOBP_INDOLALKYLAMINE_METABOLIC_PROCESS, GOBP_INDOLALKYLAMINE_METABOLIC_PROCESS
                                                                                                                    GOBP_REGULATION_OF_EPITHELIAL_CELL_DIFFERENTIATION, GOBP_REGULATION_OF_EPITHELIAL_CELL_DIFFERENTIATION
                                                                                                                    HP_ABNORMAL_PLATELET_AGGREGATION, HP_ABNORMAL_PLATELET_AGGREGATION
                                                                                                                    GOBP_REGULATION_OF_MEMBRANE_PROTEIN_ECTODOMAIN_PROTEOLYSIS, GOBP_REGULATION_OF_MEMBRANE_PROTEIN_ECTODOMAIN_PROTEOLYSIS
                                                                                                                    WP_MFAP5_EFFECT_ON_PERMEABILITY_AND_MOTILITY_OF_ENDOTHELIAL_CELLS_VIA_CYTOSKELETON_REARRANGEMENT, WP_MFAP5_EFFECT_ON_PERMEABILITY_AND_MOTILITY_OF_ENDOTHELIAL_CELLS_VIA_CYTOSKELETON_PERMEABILITY_OF_ENDOTHELIAL_CELLS_VIA_CYTOSKELETON_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEABILITY_PERMEA
                                                                                                                    MAHAJAN_RESPONSE_TO_IL1A_UP, MAHAJAN_RESPONSE_TO_IL1A_UP
                                                                                                                   GOBP_INDOLE_CONTAINING_COMPOUND_METABOLIC_PROCESS, GOBP_INDOLE_CONTAINING_COMPOUND_METABOLIC_PROCESS
                                                                                                                    RIZ_ERYTHROID_DIFFERENTIATION_HEMGN, RIZ_ERYTHROID_DIFFERENTIATION_HEMGN
                                                                                                                   GOBP_AROMATIC_AMINO_ACID_FAMILY_METABOLIC_PROCESS, GOBP_AROMATIC_AMINO_ACID_FAMILY_METABOLIC_PROCESS
                                                                                                                    TACGGGT_MIR99A_MIR100_MIR99B, TACGGGT_MIR99A_MIR100_MIR99B
                                                                                                                   GOBP_TRYPTOPHAN_METABOLIC_PROCESS, GOBP_TRYPTOPHAN_METABOLIC_PROCESS
                                                                                                                   WP_OVARIAN_INFERTILITY_GENES, WP_OVARIAN_INFERTILITY_GENES
                                                                                                                   PID_ATF2_PATHWAY, PID_ATF2_PATHWAY
                                                                                                                   GOBP_CHONDROITIN_SULFATE_PROTEOGLYCAN_BIOSYNTHETIC_PROCESS, GOBP_CHONDROITIN_SULFATE_PROTEOGLYCAN_BIOSYNTHETIC_PROCESS
                                                                                                                   GOBP_AMINE_CATABOLIC_PROCESS, GOBP_AMINE_CATABOLIC_PROCESS
                                                                                                                    MIR135A_3P, MIR135A_3P
                                                                                                                    HP_INAPPROPRIATE_LAUGHTER, HP_INAPPROPRIATE_LAUGHTER
                                                                                                                   KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_CHONDROITIN_SULFATE, KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_CHONDROITIN_SULFATE
                                                                                                                   HP_U_SHAPED_UPPER_LIP_VERMILION, HP_U_SHAPED_UPPER_LIP_VERMILION
                                                                                                                    WP_NAD_BIOSYNTHESIS_II_FROM_TRYPTOPHAN, WP_NAD_BIOSYNTHESIS_II_FROM_TRYPTOPHAN
                                                                                                                   REACTOME_GLUCAGON_SIGNALING_IN_METABOLIC_REGULATION, REACTOME_GLUCAGON_SIGNALING_IN_METABOLIC_REGULATION
                                                                                                                    GOBP_DICARBOXYLIC_ACID_TRANSPORT, GOBP_DICARBOXYLIC_ACID_TRANSPORT
                                                                                                                    MIR3677_5P, MIR3677_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_TO_7YR_POST_
                                                                                                                   GOBP_PHOSPHATIDYLSERINE_METABOLIC_PROCESS, GOBP_PHOSPHATIDYLSERINE_METABOLIC_PROCESS
                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_PROTEIN_MATURATION, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_MATURATION
                                                                                                                    GOCC_ANCHORED_COMPONENT_OF_SYNAPTIC_VESICLE_MEMBRANE, GOCC_ANCHORED_COMPONENT_OF_SYNAPTIC_VESICLE_MEMBRANE
                                                                                                                   GOBP_DE_NOVO_NAD_BIOSYNTHETIC_PROCESS, GOBP_DE_NOVO_NAD_BIOSYNTHETIC_PROCESS
                                                                                                                    REACTOME_SYNDECAN_INTERACTIONS, REACTOME_SYNDECAN_INTERACTIONS
                                                                                                                   HP_REFLEX_SEIZURE, HP_REFLEX_SEIZURE
                                                                                                                   HP_ABNORMAL_PLACENTA_MORPHOLOGY, HP_ABNORMAL_PLACENTA_MORPHOLOGY
                                                                                                                    GOCC_GLIAL_CELL_PROJECTION, GOCC_GLIAL_CELL_PROJECTION
                                                                                                                    SERVITJA_ISLET_HNF1A_TARGETS_DN, SERVITJA_ISLET_HNF1A_TARGETS_DN
                                                                                                                    HP_ABNORMAL_SPERM_MOTILITY, HP_ABNORMAL_SPERM_MOTILITY
                                                                                                                    REACTOME_SYNTHESIS_OF_BILE_ACIDS_AND_BILE_SALTS_VIA_7ALPHA_HYDROXYCHOLESTEROL, REACTOME_SYNTHESIS_OF_BILE_ACIDS_AND_BILE_SALTS_VIA_7ALPHA_HYDROXYCHOLESTEROL
                                                                                                                    GOBP_EXTRACELLULAR_TRANSPORT, GOBP_EXTRACELLULAR_TRANSPORT
                                                                                                                    GOBP_METANEPHRIC_S_SHAPED_BODY_MORPHOGENESIS, GOBP_METANEPHRIC_S_SHAPED_BODY_MORPHOGENESIS
                                                                                                                    GOBP_CELL_CELL_ADHESION_MEDIATED_BY_INTEGRIN, GOBP_CELL_CELL_ADHESION_MEDIATED_BY_INTEGRIN
                                                                                                                    GOBP_ACIDIC_AMINO_ACID_TRANSPORT, GOBP_ACIDIC_AMINO_ACID_TRANSPORT
                                                                                                                    FERRARI_RESPONSE_TO_FENRETINIDE_UP, FERRARI_RESPONSE_TO_FENRETINIDE_UP
                                                                                                                    GOBP_AMINE_TRANSPORT, GOBP_AMINE_TRANSPORT
                                                                                                                    PID_VEGF_VEGFR_PATHWAY, PID_VEGF_VEGFR_PATHWAY
                                                                                                                    HP_REDUCED_SPERM_MOTILITY, HP_REDUCED_SPERM_MOTILITY
                                                                                                                   HP_ABSENT_TOENAIL, HP_ABSENT_TOENAIL
                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_ALPHA_BETA_T_CELL_ACTIVATION, GOBP_NEGATIVE_REGULATION_OF_ALPHA_BETA_T_CELL_ACTIVATION
                                                                                                                    WP_MFAP5MEDIATED_OVARIAN_CANCER_CELL_MOTILITY_AND_INVASIVENESS, WP_MFAP5MEDIATED_OVARIAN_CANCER_CELL_MOTILITY_AND_INVASIVENESS
                                                                                                                    GOBP_REGULATION_OF_EPIDERMIS_DEVELOPMENT, GOBP_REGULATION_OF_EPIDERMIS_DEVELOPMENT
                                                                                                                    REACTOME_NON_INTEGRIN_MEMBRANE_ECM_INTERACTIONS, REACTOME_NON_INTEGRIN_MEMBRANE_ECM_INTERACTIONS
                                                                                                                    REACTOME_SIGNAL_ATTENUATION, REACTOME_SIGNAL_ATTENUATION
                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_VASOCONSTRICTION, GOBP_NEGATIVE_REGULATION_OF_VASOCONSTRICTION
                                                                                                                   HINATA_NFKB_TARGETS_KERATINOCYTE_DN, HINATA_NFKB_TARGETS_KERATINOCYTE_DN
                                                                                                                    REACTOME_BILE_ACID_AND_BILE_SALT_METABOLISM, REACTOME_BILE_ACID_AND_BILE_SALT_METABOLISM
                                                                                                                    GOCC_INFLAMMASOME_COMPLEX, GOCC_INFLAMMASOME_COMPLEX
                                                                                                                    GOBP_TRYPTOPHAN_CATABOLIC_PROCESS_TO_KYNURENINE, GOBP_TRYPTOPHAN_CATABOLIC_PROCESS_TO_KYNURENINE
                                                                                                                    GOBP_S_SHAPED_BODY_MORPHOGENESIS, GOBP_S_SHAPED_BODY_MORPHOGENESIS
                                                                                                                    REACTOME_CYTOCHROME_C_MEDIATED_APOPTOTIC_RESPONSE, REACTOME_CYTOCHROME_C_MEDIATED_APOPTOTIC_RESPONSE
                                                                                                                    HP_HYPOPLASTIC_VERTEBRAL_BODIES, HP_HYPOPLASTIC_VERTEBRAL_BODIES
                                                                                                                    WP SEROTONIN TRANSPORTER ACTIVITY, WP SEROTONIN TRANSPORTER ACTIVITY
                                                                                                                    HP_ABNORMAL_PELVIS_BONE_OSSIFICATION, HP_ABNORMAL_PELVIS_BONE_OSSIFICATION
                                                                                                                   HP_MULTIPLE_PRENATAL_FRACTURES, HP_MULTIPLE_PRENATAL_FRACTURES
                                                                                                                   HP_IMPAIRED_RISTOCETIN_INDUCED_PLATELET_AGGREGATION, HP_IMPAIRED_RISTOCETIN_INDUCED_PLATELET_AGGREGATION
                                                                                                                   HP_ABNORMAL_FOOT_BONE_OSSIFICATION, HP_ABNORMAL_FOOT_BONE_OSSIFICATION
                                                                                                                    GSE3720_UNSTIM_VS_PMA_STIM_VD1_GAMMADELTA_TCELL_DN, GSE3720_UNSTIM_VS_PMA_STIM_VD1_GAMMADELTA_TCELL_DN
                                                                                                                    GOBP_INTERLEUKIN_1_PRODUCTION, GOBP_INTERLEUKIN_1_PRODUCTION
                                                                                                                    GOBP_NEUROTRANSMITTER_REUPTAKE, GOBP_NEUROTRANSMITTER_REUPTAKE
                                                                                                                    REACTOME_CHONDROITIN_SULFATE_BIOSYNTHESIS, REACTOME_CHONDROITIN_SULFATE_BIOSYNTHESIS
                                                                                                                    HALLMARK ANGIOGENESIS, HALLMARK ANGIOGENESIS
                                                                                                                    HP_ABNORMALITY_OF_THE_4TH_METACARPAL, HP_ABNORMALITY_OF_THE_4TH_METACARPAL
                                                                                                                    GAO SMALL INTESTINE 24W C3 ENTEROCYTE PROGENITOR SUBTYPE 1, GAO SMALL INTESTINE 24W C3 ENTEROCYTE PROGENITOR SUBTYPE 1
                                                                                                                    HP_VERTEBRAL_HYPOPLASIA, HP_VERTEBRAL_HYPOPLASIA
                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_ANTIGEN_PROCESSING_AND_PRESENTATION, GOBP_NEGATIVE_REGULATION_OF_ANTIGEN_PROCESSING_AND_PRESENTATION
                                                                                                                    GOBP REGULATION OF SEQUESTERING OF TRIGLYCERIDE, GOBP REGULATION OF SEQUESTERING OF TRIGLYCERIDE
                                                                                                                    GOBP_NEPHRIC_DUCT_DEVELOPMENT, GOBP_NEPHRIC_DUCT_DEVELOPMENT
                                                                                                                    HP_APLASIA_HYPOPLASIA_OF_THE_4TH_METACARPAL, HP_APLASIA_HYPOPLASIA_OF_THE_4TH_METACARPAL
                                                                                                                   GOBP_POSITIVE_REGULATION_OF_AXON_EXTENSION_INVOLVED_IN_AXON_GUIDANCE, GOBP_POSITIVE_REGULATION_OF_AXON_EXTENSION_INVOLVED_IN_AXON_GUIDANCE
                                                                                                                    GOBP_MESONEPHRIC_DUCT_DEVELOPMENT, GOBP_MESONEPHRIC_DUCT_DEVELOPMENT
                                                                                                                    GOMF_VIRION_BINDING, GOMF_VIRION_BINDING
                                                                                                                    GOBP_LABYRINTHINE_LAYER_MORPHOGENESIS, GOBP_LABYRINTHINE_LAYER_MORPHOGENESIS
                                                                                                                    DESCARTES_MAIN_FETAL_INHIBITORY_INTERNEURONS, DESCARTES_MAIN_FETAL_INHIBITORY_INTERNEURONS
                                                                                                                   GOBP_MONOCYTE_CHEMOTACTIC_PROTEIN_1_PRODUCTION, GOBP_MONOCYTE_CHEMOTACTIC_PROTEIN_1_PRODUCTION
                                                                                                                   chr4p15, chr4p15
```

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