```
GSE37532_WT_VS_PPARG_KO_VISCERAL_ADIPOSE_TISSUE_TCONV_DN, GSE37532_WT_VS_PPARG_KO_VISCERAL_ADIPOSE_TISSUE_TCONV_DN
                                                                                                     GSE36826_NORMAL_VS_STAPH_AUREUS_INF_IL1R_KO_SKIN_DN, GSE36826_NORMAL_VS_STAPH_AUREUS_INF_IL1R_KO_SKIN_DN
                                                                                                     GSE9988_ANTI_TREM1_AND_LPS_VS_VEHICLE_TREATED_MONOCYTES_DN, GSE9988_ANTI_TREM1_AND_LPS_VS_VEHICLE_TREATED_MONOCYTES_DN
                                                                                                     GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_DN, GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_DN
                                                                                                     GSE14000_UNSTIM_VS_16H_LPS_DC_UP, GSE14000_UNSTIM_VS_16H_LPS_DC_UP
                                                                                                     GSE7509_DC_VS_MONOCYTE_WITH_FCGRIIB_STIM_UP, GSE7509_DC_VS_MONOCYTE_WITH_FCGRIIB_STIM_UP
                                                                                                     GSE13484_3H_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_UP, GSE13484_3H_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_UP
                                                                                                     GSE16755_CTRL_VS_IFNA_TREATED_MAC_UP, GSE16755_CTRL_VS_IFNA_TREATED_MAC_UP
                                                                                                     GSE41176_UNSTIM_VS_ANTI_IGM_STIM_BCELL_1H_DN, GSE41176_UNSTIM_VS_ANTI_IGM_STIM_BCELL_1H_DN
                                                                                                     GSE9988_LPS_VS_VEHICLE_TREATED_MONOCYTE_DN, GSE9988_LPS_VS_VEHICLE_TREATED_MONOCYTE_DN
                                                                                                     GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_HET_4H_DN, GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_HET_4H_DN
                                                                                                     GSE22140_HEALTHY_VS_ARTHRITIC_MOUSE_CD4_TCELL_DN, GSE22140_HEALTHY_VS_ARTHRITIC_MOUSE_CD4_TCELL_DN
                                                                                                     GSE13484_UNSTIM_VS_3H_YF17D_VACCINE_STIM_PBMC_UP, GSE13484_UNSTIM_VS_3H_YF17D_VACCINE_STIM_PBMC_UP
                                                                                                     GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_HET_2H_DN, GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_HET_2H_DN
                                                                                                     GSE13484_12H_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_UP, GSE13484_12H_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_UP
                                                                                                     GSE13484_UNSTIM_VS_12H_YF17D_VACCINE_STIM_PBMC_UP, GSE13484_UNSTIM_VS_12H_YF17D_VACCINE_STIM_PBMC_UP
                                                                                                     GSE41176_UNSTIM_VS_ANTI_IGM_STIM_BCELL_3H_DN, GSE41176_UNSTIM_VS_ANTI_IGM_STIM_BCELL_3H_DN
                                                                                                     GSE360 CTRL_VS_M_TUBERCULOSIS_DC_UP, GSE360 CTRL_VS_M_TUBERCULOSIS_DC_UP
                                                                                                     GSE9960_HEALTHY_VS_GRAM_NEG_SEPSIS_PBMC_UP, GSE9960_HEALTHY_VS_GRAM_NEG_SEPSIS_PBMC_UP
                                                                                                     GSE2706_UNSTIM_VS_8H_LPS_DC_UP, GSE2706_UNSTIM_VS_8H_LPS_DC_UP
                                                                                                     GSE42021_CD24HI_VS_CD24INT_TREG_THYMUS_UP, GSE42021_CD24HI_VS_CD24INT_TREG_THYMUS_UP
                                                                                                     GSE1432_CTRL_VS_IFNG_6H_MICROGLIA_UP, GSE1432_CTRL_VS_IFNG_6H_MICROGLIA_UP
                                                                                                     GSE10325_BCELL_VS_MYELOID_DN, GSE10325_BCELL_VS_MYELOID_DN
                                                                                                     GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_2H_UP, GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_2H_UP
                                                                                                     GSE42021_TREG_VS_TCONV_PLN_DN, GSE42021_TREG_VS_TCONV_PLN_DN
                                                                                                     GSE360_LOW_DOSE_B_MALAYI_VS_M_TUBERCULOSIS_DC_UP, GSE360_LOW_DOSE_B_MALAYI_VS_M_TUBERCULOSIS_DC_UP
                                                                                                     GSE36476_CTRL_VS_TSST_ACT_40H_MEMORY_CD4_TCELL_YOUNG_UP, GSE36476_CTRL_VS_TSST_ACT_40H_MEMORY_CD4_TCELL_YOUNG_UP
                                                                                                     GSE41867_NAIVE_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_DN, GSE41867_NAIVE_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_DN
                                                                                                     GSE1432_CTRL_VS_IFNG_24H_MICROGLIA_UP, GSE1432_CTRL_VS_IFNG_24H_MICROGLIA_UP
                                                                                                     GSE37605_C57BL6_VS_NOD_FOXP3_FUSION_GFP_TCONV_UP, GSE37605_C57BL6_VS_NOD_FOXP3_FUSION_GFP_TCONV_UP
                                                                                                     GSE29618_PRE_VS_DAY7_FLU_VACCINE_MDC_DN, GSE29618_PRE_VS_DAY7_FLU_VACCINE_MDC_DN
                                                                                                     GSE36476_CTRL_VS_TSST_ACT_16H_MEMORY_CD4_TCELL_OLD_UP, GSE36476_CTRL_VS_TSST_ACT_16H_MEMORY_CD4_TCELL_OLD_UP
                                                                                                     GSE10325_CD4_TCELL_VS_MYELOID_UP, GSE10325_CD4_TCELL_VS_MYELOID_UP
                                                                                                     GSE360_T_GONDII_VS_B_MALAYI_HIGH_DOSE_DC_DN, GSE360_T_GONDII_VS_B_MALAYI_HIGH_DOSE_DC_DN
                                                                                                     GSE3982_EOSINOPHIL_VS_CENT_MEMORY_CD4_TCELL_UP, GSE3982_EOSINOPHIL_VS_CENT_MEMORY_CD4_TCELL_UP
                                                                                                     GSE3982_CTRL_VS_LPS_1H_NEUTROPHIL_UP, GSE3982_CTRL_VS_LPS_1H_NEUTROPHIL_UP
                                                                                                     GSE27859_CD11C_INT_F480_HI_MACROPHAGE_VS_CD11C_ING_F480_INT_DC_DN, GSE27859_CD11C_INT_F480_HI_MACROPHAGE_VS_CD11C_ING_F480_INT_DC_DN
                                                                                                     GSE42021_TREG_PLN_VS_CD24LO_TREG_THYMUS_UP, GSE42021_TREG_PLN_VS_CD24LO_TREG_THYMUS_UP
                                                                                                    GSE19401_PLN_VS_PEYERS_PATCH_FOLLICULAR_DC_UP, GSE19401_PLN_VS_PEYERS_PATCH_FOLLICULAR_DC_UP
                                                                                                    GSE360_L_DONOVANI_VS_M_TUBERCULOSIS_DC_UP, GSE360_L_DONOVANI_VS_M_TUBERCULOSIS_DC_UP
                                                                                                     YAGI_AML_WITH_T_9_11_TRANSLOCATION, YAGI_AML_WITH_T_9_11_TRANSLOCATION
                                                                                                     GSE1448_CTRL_VS_ANTI_VALPHA2_DP_THYMOCYTE_DN, GSE1448_CTRL_VS_ANTI_VALPHA2_DP_THYMOCYTE_DN
                                                                                                     LINDGREN_BLADDER_CANCER_CLUSTER_1_UP, LINDGREN_BLADDER_CANCER_CLUSTER_1_UP
                                                                                                     MORF_PPP5C, MORF_PPP5C
                                                                                                     GSE41867_DAY15_EFFECTOR_VS_DAY30_MEMORY_CD8_TCELL_LCMV_ARMSTRONG_DN, GSE41867_DAY15_EFFECTOR_VS_DAY30_MEMORY_CD8_TCELL_LCMV_ARMSTRONG_DN
                                                                                                     GSE37301_MULTIPOTENT_PROGENITOR_VS_RAG2_KO_NK_CELL_UP, GSE37301_MULTIPOTENT_PROGENITOR_VS_RAG2_KO_NK_CELL_UP
                                                                                                     GSE10325_LUPUS_CD4_TCELL_VS_LUPUS_BCELL_UP, GSE10325_LUPUS_CD4_TCELL_VS_LUPUS_BCELL_UP
                                                                                                     GSE3203_HEALTHY_VS_INFLUENZA_INFECTED_LN_BCELL_UP, GSE3203_HEALTHY_VS_INFLUENZA_INFECTED_LN_BCELL_UP
                                                                                                     GSE8515_CTRL_VS_IL1_4H_STIM_MAC_UP, GSE8515_CTRL_VS_IL1_4H_STIM_MAC_UP
                                                                                                     MIR5087, MIR5087
                                                                                                     MORF_REV3L, MORF_REV3L
                                                                                                     GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_UP, GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_UP
                                                                                                     GSE15930_STIM_VS_STIM_AND_IFNAB_24H_CD8_T_CELL_UP, GSE15930_STIM_VS_STIM_AND_IFNAB_24H_CD8_T_CELL_UP
                                                                                                     ZSCAN5C_TARGET_GENES, ZSCAN5C_TARGET_GENES
                                                                                                     GNF2_TYK2, GNF2_TYK2
                                                                                                     MODULE_277, MODULE_277
                                                                                                     GOMF_NUCLEAR_RECEPTOR_BINDING, GOMF_NUCLEAR_RECEPTOR_BINDING
                                                                                                     MIR6831_5P, MIR6831_5P
                                                                                                     GOBP_MAINTENANCE_OF_CELL_NUMBER, GOBP_MAINTENANCE_OF_CELL_NUMBER
                                                                                                     MIR3692_5P, MIR3692_5P
                                                                                                     PATEL_SKIN_OF_BODY_ZOSTAVAX_AGE_70_93YO_VZV_CHALLENGE_3DY_UP, PATEL_SKIN_OF_BODY_ZOSTAVAX_AGE_70_93YO_VZV_CHALLENGE_3DY_UP
                                                                                                     GOBP_CELLULAR_RESPONSE_TO_STEROID_HORMONE_STIMULUS, GOBP_CELLULAR_RESPONSE_TO_STEROID_HORMONE_STIMULUS
                                                                                                    GNF2_BNIP2, GNF2_BNIP2
                                                                                                    GSE24972_MARGINAL_ZONE_BCELL_VS_FOLLICULAR_BCELL_UP, GSE24972_MARGINAL_ZONE_BCELL_VS_FOLLICULAR_BCELL_UP
                                                                                                    CTCCAAG_MIR432, CTCCAAG_MIR432
                                                                                                    GOBP_STEROID_HORMONE_MEDIATED_SIGNALING_PATHWAY, GOBP_STEROID_HORMONE_MEDIATED_SIGNALING_PATHWAY
                                                                                                    GSE19401_PAM2CSK4_VS_RETINOIC_ACID_STIM_FOLLICULAR_DC_DN, GSE19401_PAM2CSK4_VS_RETINOIC_ACID_STIM_FOLLICULAR_DC_DN
                                                                                                    GSE15930_STIM_VS_STIM_AND_IFNAB_72H_CD8_T_CELL_UP, GSE15930_STIM_VS_STIM_AND_IFNAB_72H_CD8_T_CELL_UP
                                                                                                     MIR1224_3P, MIR1224_3P
                                                                                                    MODULE_243, MODULE_243
                                                                                                    GNF2_VAV1, GNF2_VAV1
                                                                                                    HP_CONFUSION, HP_CONFUSION
                                                                                                    HP_ABNORMAL_LARYNX_MORPHOLOGY, HP_ABNORMAL_LARYNX_MORPHOLOGY
                                                                                                    GSE15930_STIM_VS_STIM_AND_IL12_72H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_IL12_72H_CD8_T_CELL_DN
                                                                                                    BURTON_ADIPOGENESIS_8, BURTON_ADIPOGENESIS_8
                                                                                                     SESTO_RESPONSE_TO_UV_C5, SESTO_RESPONSE_TO_UV_C5
                                                                                                    GOCC_NUCLEAR_REPLICATION_FORK, GOCC_NUCLEAR_REPLICATION_FORK
                                                                                                    MIR5583_5P, MIR5583_5P
                                                                                                    BASSO_HAIRY_CELL_LEUKEMIA_UP, BASSO_HAIRY_CELL_LEUKEMIA_UP
                                                                                                    GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN, GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN
                                                                                                     MIR3129_3P, MIR3129_3P
                                                                                                     BUSSLINGER_DUODENAL_TUFT_CELLS, BUSSLINGER_DUODENAL_TUFT_CELLS
                                                                                                    GOBP HORMONE MEDIATED SIGNALING PATHWAY, GOBP HORMONE MEDIATED SIGNALING PATHWAY
                                                                                                    SHEDDEN_LUNG_CANCER_GOOD_SURVIVAL_A5, SHEDDEN_LUNG_CANCER_GOOD_SURVIVAL_A5
                                                                                                    GOBP_PRODUCTION_OF_SMALL_RNA_INVOLVED_IN_GENE_SILENCING_BY_RNA, GOBP_PRODUCTION_OF_SMALL_RNA_INVOLVED_IN_GENE_SILENCING_BY_RNA
                                                                                                     ROSS_AML_WITH_CBFB_MYH11_FUSION, ROSS_AML_WITH_CBFB_MYH11_FUSION
                                                                                                     HP_ABNORMAL_CORNEAL_EPITHELIUM_MORPHOLOGY, HP_ABNORMAL_CORNEAL_EPITHELIUM_MORPHOLOGY
                                                                                                     BCAT_BILD_ET_AL_DN, BCAT_BILD_ET_AL_DN
                                                                                                    HP_HYPEROSTOSIS, HP_HYPEROSTOSIS
                                                                                                     SIG_CHEMOTAXIS, SIG_CHEMOTAXIS
                                                                                                     GNF2_MBD4, GNF2_MBD4
                                                                                                     HP_KERATITIS, HP_KERATITIS
                                                                                                     MIR676 3P, MIR676 3P
                                                                                                     GOBP_PEPTIDYL_TYROSINE_DEPHOSPHORYLATION, GOBP_PEPTIDYL_TYROSINE_DEPHOSPHORYLATION
                                                                                                     GCM DEAF1, GCM DEAF1
                                                                                                     GOBP_INTERLEUKIN_2_PRODUCTION, GOBP_INTERLEUKIN_2_PRODUCTION
                                                                                                    GOMF_ANDROGEN_RECEPTOR_BINDING, GOMF_ANDROGEN_RECEPTOR_BINDING
                                                                                                     HP_LONG_NOSE, HP_LONG_NOSE
                                                                                                     HP_CRANIAL_HYPEROSTOSIS, HP_CRANIAL_HYPEROSTOSIS
                                                                                                     AR_Q2, AR_Q2
                                                                                                     MIR769_5P, MIR769_5P
                                                                                                     CHNG_MULTIPLE_MYELOMA_HYPERPLOID_DN, CHNG_MULTIPLE_MYELOMA_HYPERPLOID_DN
                                                                                                     SIG_REGULATION_OF_THE_ACTIN_CYTOSKELETON_BY_RHO_GTPASES, SIG_REGULATION_OF_THE_ACTIN_CYTOSKELETON_BY_RHO_GTPASES
                                                                                                     MIR3614_3P, MIR3614_3P
                                                                                                     POMEROY_MEDULLOBLASTOMA_DESMOPLASIC_VS_CLASSIC_DN, POMEROY_MEDULLOBLASTOMA_DESMOPLASIC_VS_CLASSIC_DN
                                                                                                    ASTON_MAJOR_DEPRESSIVE_DISORDER_UP, ASTON_MAJOR_DEPRESSIVE_DISORDER_UP
                                                                                                     MIR937_5P, MIR937_5P
                                                                                                     MIR431 5P, MIR431 5P
                                                                                                     GGTAACC_MIR4095P, GGTAACC_MIR4095P
                                                                                                     BIOCARTA_VDR_PATHWAY, BIOCARTA_VDR_PATHWAY
                                                                                                     MCCLUNG_DELTA_FOSB_TARGETS_8WK, MCCLUNG_DELTA_FOSB_TARGETS_8WK
                                                                                                     MORF MYC, MORF MYC
                                                                                                     CHENG_RESPONSE_TO_NICKEL_ACETATE, CHENG_RESPONSE_TO_NICKEL_ACETATE
                                                                                                     MIR7702, MIR7702
                                                                                                     HP_DELUSIONS, HP_DELUSIONS
                                                                                                     GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_24H_CD8_T_CELL_UP, GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_24H_CD8_T_CELL_UP
                                                                                                     PID_P38_ALPHA_BETA_PATHWAY, PID_P38_ALPHA_BETA_PATHWAY
                                                                                                     GOBP_POSITIVE_REGULATION_OF_P38MAPK_CASCADE, GOBP_POSITIVE_REGULATION_OF_P38MAPK_CASCADE
                                                                                                     MEISSNER_NPC_ICP_WITH_H3K4ME3, MEISSNER_NPC_ICP_WITH_H3K4ME3
                                                                                                     YANG_BREAST_CANCER_ESR1_LASER_UP, YANG_BREAST_CANCER_ESR1_LASER_UP
                                                                                                     PID_IL1_PATHWAY, PID_IL1_PATHWAY
                                                                                                     MIR5586_3P, MIR5586_3P
                                                                                                     HP_THICKENED_CALVARIA, HP_THICKENED_CALVARIA
                                                                                                     FIRESTEIN_CTNNB1_PATHWAY, FIRESTEIN_CTNNB1_PATHWAY
                                                                                                     MODULE_166, MODULE_166
                                                                                                     MIR654_5P, MIR654_5P
                                                                                                     BOGNI_TREATMENT_RELATED_MYELOID_LEUKEMIA_DN, BOGNI_TREATMENT_RELATED_MYELOID_LEUKEMIA_DN
                                                                                                     MIR541_3P, MIR541_3P
                                                                                                     ZHAN_MULTIPLE_MYELOMA_CD1_UP, ZHAN_MULTIPLE_MYELOMA_CD1_UP
                                                                                                     GOMF_RIBOSOMAL_LARGE_SUBUNIT_BINDING, GOMF_RIBOSOMAL_LARGE_SUBUNIT_BINDING
                                                                                                     HP_ABNORMAL_NUMBER_OF_ERYTHROID_PRECURSORS, HP_ABNORMAL_NUMBER_OF_ERYTHROID_PRECURSORS
                                                                                                     MIR6881_5P, MIR6881_5P
                                                                                                     WP_EBV_LMP1_SIGNALING, WP_EBV_LMP1_SIGNALING
                                                                                                     GOBP_T_CELL_CYTOKINE_PRODUCTION, GOBP_T_CELL_CYTOKINE_PRODUCTION
                                                                                                     MIR2277_3P, MIR2277_3P
                                                                                                     MEISSNER_BRAIN_ICP_WITH_H3K4ME3, MEISSNER_BRAIN_ICP_WITH_H3K4ME3
                                                                                                     GOBP_RNA_DECAPPING, GOBP_RNA_DECAPPING
                                                                                                     HP_MIXED_HEARING_IMPAIRMENT, HP_MIXED_HEARING_IMPAIRMENT
                                                                                                     WP_LNCRNA_INVOLVEMENT_IN_CANONICAL_WNT_SIGNALING_AND_COLORECTAL_CANCER, WP_LNCRNA_INVOLVEMENT_IN_CANONICAL_WNT_SIGNALING_AND_COLORECTAL_CANCER
                                                                                                     HERNANDEZ_MITOTIC_ARREST_BY_DOCETAXEL_2_UP, HERNANDEZ_MITOTIC_ARREST_BY_DOCETAXEL_2_UP
                                                                                                     HOFFMANN_IMMATURE_TO_MATURE_B_LYMPHOCYTE_UP, HOFFMANN_IMMATURE_TO_MATURE_B_LYMPHOCYTE_UP
                                                                                                     GOCC_REGION_OF_CYTOSOL, GOCC_REGION_OF_CYTOSOL
                                                                                                     HP_ECTROPION, HP_ECTROPION
                                                                                                     AIZARANI_LIVER_C12_NK_NKT_CELLS_4, AIZARANI_LIVER_C12_NK_NKT_CELLS_4
                                                                                                     PRDM5_TARGET_GENES, PRDM5_TARGET_GENES
                                                                                                     WANG_BARRETTS_ESOPHAGUS_DN, WANG_BARRETTS_ESOPHAGUS_DN
                                                                                                     ACAACCT_MIR453, ACAACCT_MIR453
                                                                                                     GOBP_REGULATION_OF_MRNA_POLYADENYLATION, GOBP_REGULATION_OF_MRNA_POLYADENYLATION
                                                                                                     GOBP_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY, GOBP_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY
                                                                                                     REACTOME_RORA_ACTIVATES_GENE_EXPRESSION, REACTOME_RORA_ACTIVATES_GENE_EXPRESSION
                                                                                                     GOBP_REGULATION_OF_T_CIRCLE_FORMATION, GOBP_REGULATION_OF_T_CIRCLE_FORMATION
                                                                                                     QI_PBMC_ZOSTAVAX_AGE_50_75YO_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_LONG_TERM_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_1D_NOT_INFORMATIVE_OF_CORRELATED_WITH_T_CELL_RESPONSES_EXPANSION_AND_CONTRACTION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_EXPANSION_TOWNSES_E
                                                                                                     PID_P38_MKK3_6PATHWAY, PID_P38_MKK3_6PATHWAY
                                                                                                     GSE12707_AT16L1_HYPOMORPH_VS_WT_THYMUS_DN, GSE12707_AT16L1_HYPOMORPH_VS_WT_THYMUS_DN
                                                                                                     GOCC_RNAI_EFFECTOR_COMPLEX, GOCC_RNAI_EFFECTOR_COMPLEX
                                                                                                     PARK_TRETINOIN_RESPONSE_AND_RARA_PLZF_FUSION, PARK_TRETINOIN_RESPONSE_AND_RARA_PLZF_FUSION
                                                                                                     WP_TRANSCRIPTION_FACTOR_REGULATION_IN_ADIPOGENESIS, WP_TRANSCRIPTION_FACTOR_REGULATION_IN_ADIPOGENESIS
                                                                                                     YORDY RECIPROCAL REGULATION BY ETS1 AND SP100 DN, YORDY RECIPROCAL REGULATION BY ETS1 AND SP100 DN
                                                                                                     GOBP_SIGNAL_PEPTIDE_PROCESSING, GOBP_SIGNAL_PEPTIDE_PROCESSING
                                                                                                     GOBP_POSITIVE_REGULATION_OF_T_CELL_CYTOKINE_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_T_CELL_CYTOKINE_PRODUCTION
                                                                                                     REACTOME_NR1H2_AND_NR1H3_MEDIATED_SIGNALING, REACTOME_NR1H2_AND_NR1H3_MEDIATED_SIGNALING
                                                                                                     WIKMAN_ASBESTOS_LUNG_CANCER_DN, WIKMAN_ASBESTOS_LUNG_CANCER_DN
                                                                                                     GOBP_UV_PROTECTION, GOBP_UV_PROTECTION
                                                                                                     GOBP_TRAIL_ACTIVATED_APOPTOTIC_SIGNALING_PATHWAY, GOBP_TRAIL_ACTIVATED_APOPTOTIC_SIGNALING_PATHWAY
                                                                                                     GOBP_INCLUSION_BODY_ASSEMBLY, GOBP_INCLUSION_BODY_ASSEMBLY
                                                                                                     HP_PTERYGIUM, HP_PTERYGIUM
                                                                                                     VALK_AML_CLUSTER_13, VALK_AML_CLUSTER_13
                                                                                                     GOBP_PRE_MIRNA_PROCESSING, GOBP_PRE_MIRNA_PROCESSING
                                                                                                     MODULE_362, MODULE_362
                                                                                                     REACTOME_TRANSCRIPTIONAL_REGULATION_BY_MECP2, REACTOME_TRANSCRIPTIONAL_REGULATION_BY_MECP2
                                                                                                     REACTOME_NR1H3_NR1H2_REGULATE_GENE_EXPRESSION_LINKED_TO_CHOLESTEROL_TRANSPORT_AND_EFFLUX, REACTOME_NR1H3_NR1H2_REGULATE_GENE_EXPRESSION_LINKED_TO_CHOLESTEROL_TRANSPORT_AND_EFFLUX
                                                                                                      MIR548AO_3P, MIR548AO_3P
                                                                                                     REACTOME_STING_MEDIATED_INDUCTION_OF_HOST_IMMUNE_RESPONSES, REACTOME_STING_MEDIATED_INDUCTION_OF_HOST_IMMUNE_RESPONSES
                                                                                                     GOCC_DNA_REPLICATION_FACTOR_A_COMPLEX, GOCC_DNA_REPLICATION_FACTOR_A_COMPLEX
                                                                                                    RUAN_RESPONSE_TO_TROGLITAZONE_DN, RUAN_RESPONSE_TO_TROGLITAZONE_DN
                                                                                                     HP_POIKILODERMA, HP_POIKILODERMA
                                                                                                    GOBP_UREA_TRANSPORT, GOBP_UREA_TRANSPORT
                                                                                                     MEISSNER_ES_ICP_WITH_H3K4ME3, MEISSNER_ES_ICP_WITH_H3K4ME3
                                                                                                     GOBP MEMBRANE FISSION, GOBP MEMBRANE FISSION
                                                                                                     GNF2_PCAF, GNF2_PCAF
                                                                                                     HP_ABNORMAL_MEGAKARYOCYTE_MORPHOLOGY, HP_ABNORMAL_MEGAKARYOCYTE_MORPHOLOGY
                                                                                                     GOBP_PROTEIN_LOCALIZATION_TO_NON_MOTILE_CILIUM, GOBP_PROTEIN_LOCALIZATION_TO_NON_MOTILE_CILIUM
                                                                                                     REACTOME_TRANSPORT_OF_NUCLEOTIDE_SUGARS, REACTOME_TRANSPORT_OF_NUCLEOTIDE_SUGARS
                                                                                                     GOBP_GLYCEROL_TRANSPORT, GOBP_GLYCEROL_TRANSPORT
                                                                                                     GOMF_GLYCEROL_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_GLYCEROL_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                     KYNG_RESPONSE_TO_H2O2_VIA_ERCC6, KYNG_RESPONSE_TO_H2O2_VIA_ERCC6
                                                                                                     MODULE 416, MODULE 416
                                                                                                     GOBP_REGULATION_OF_INCLUSION_BODY_ASSEMBLY, GOBP_REGULATION_OF_INCLUSION_BODY_ASSEMBLY
                                                                                                     GOMF_PHOSPHATIDIC_ACID_BINDING, GOMF_PHOSPHATIDIC_ACID_BINDING
                                                                                                     GOBP_ENDOPLASMIC_RETICULUM_LOCALIZATION, GOBP_ENDOPLASMIC_RETICULUM_LOCALIZATION
                                                                                                     GOBP_PROTEIN_LOCALIZATION_TO_PHOTORECEPTOR_OUTER_SEGMENT, GOBP_PROTEIN_LOCALIZATION_TO_PHOTORECEPTOR_OUTER_SEGMENT
                                                                                                     HP_ABNORMAL_PLATELET_VOLUME, HP_ABNORMAL_PLATELET_VOLUME
S_YF17D_VACCINE_STIM_PBMC_UP, GSE13484_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_UP
                                                                                                     REACTOME_BMAL1_CLOCK_NPAS2_ACTIVATES_CIRCADIAN_GENE_EXPRESSION, REACTOME_BMAL1_CLOCK_NPAS2_ACTIVATES_CIRCADIAN_GENE_EXPRESSION
                                                                                                     HP_PHOTOPSIA, HP_PHOTOPSIA
                                                                                                     GOMF_PHOSPHATIDYLETHANOLAMINE_BINDING, GOMF_PHOSPHATIDYLETHANOLAMINE_BINDING
                                                                                                     WP NLR PROTEINS, WP NLR PROTEINS
                                                                                                     MIR3615, MIR3615
                                                                                                     GOMF_POTASSIUM_CHANNEL_INHIBITOR_ACTIVITY, GOMF_POTASSIUM_CHANNEL_INHIBITOR_ACTIVITY
                                                                                                     GOCC_IKAPPAB_KINASE_COMPLEX, GOCC_IKAPPAB_KINASE_COMPLEX
                                                                                                     GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_2_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_2_PRODUCTION
                                                                                                      CAO_BLOOD_FLUZONE_AGE_05_14YO_7DY_DN, CAO_BLOOD_FLUZONE_AGE_05_14YO_7DY_DN
                                                                                                      GOBP_POSITIVE_REGULATION_OF_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY
                                                                                                      GOBP_CORONARY_ARTERY_MORPHOGENESIS, GOBP_CORONARY_ARTERY_MORPHOGENESIS
                                                                                                     GOMF_ROUNDABOUT_BINDING, GOMF_ROUNDABOUT_BINDING
                                                                                                     HP_MYDRIASIS, HP_MYDRIASIS
                                                                                                     HP_ABNORMALITY_OF_AMINO_ACID_METABOLISM, HP_ABNORMALITY_OF_AMINO_ACID_METABOLISM
                                                                                                     REACTOME_SYNTHESIS_OF_PYROPHOSPHATES_IN_THE_CYTOSOL, REACTOME_SYNTHESIS_OF_PYROPHOSPHATES_IN_THE_CYTOSOL
                                                                                                     GOMF_UREA_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_UREA_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                    GOBP_NEGATIVE_REGULATION_OF_PROTEIN_FOLDING, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_FOLDING
                                                                                                     GRANDVAUX IRF3 TARGETS DN, GRANDVAUX IRF3 TARGETS DN
                                                                                                     BANDRES RESPONSE TO CARMUSTIN WITHOUT MGMT 24HR UP, BANDRES RESPONSE TO CARMUSTIN WITHOUT MGMT 24HR UP
                                                                                                     GOCC EXOCYST, GOCC_EXOCYST
                                                                                                     HP_ABNORMALITY_OF_HAIR_GROWTH, HP_ABNORMALITY_OF_HAIR_GROWTH
                                                                                                     GOMF_ACTIN_MONOMER_BINDING, GOMF_ACTIN_MONOMER_BINDING
                                                                                                     BUSSLINGER_DUODENAL_MX_CELLS, BUSSLINGER_DUODENAL_MX_CELLS
                                                                                                     WP_TRANSCRIPTIONAL_CASCADE_REGULATING_ADIPOGENESIS, WP_TRANSCRIPTIONAL_CASCADE_REGULATING_ADIPOGENESIS
                                                                                                     HP_MYELOPATHY, HP_MYELOPATHY
                                                                                                     HP_LENS_SUBLUXATION, HP_LENS_SUBLUXATION
                                                                                                     GOCC_PRESYNAPTIC_CYTOSOL, GOCC_PRESYNAPTIC_CYTOSOL
                                                                                                     HP_GRANULOMATOSIS, HP_GRANULOMATOSIS
                                                                                                     HP_ABNORMALITY_OF_METACARPOPHALANGEAL_JOINT, HP_ABNORMALITY_OF_METACARPOPHALANGEAL_JOINT
                                                                                                     REACTOME_REGULATION_OF_PTEN_MRNA_TRANSLATION, REACTOME_REGULATION_OF_PTEN_MRNA_TRANSLATION
                                                                                                     GOBP_REGULATION_OF_ENDOCYTIC_RECYCLING, GOBP_REGULATION_OF_ENDOCYTIC_RECYCLING
                                                                                                     HP_ABNORMAL_CILIARY_BODY_MORPHOLOGY, HP_ABNORMAL_CILIARY_BODY_MORPHOLOGY
                                                                                                     GNF2_ATM, GNF2_ATM
                                                                                                     REACTOME_SYNTHESIS_SECRETION_AND_DEACYLATION_OF_GHRELIN, REACTOME_SYNTHESIS_SECRETION_AND_DEACYLATION_OF_GHRELIN
                                                                                                     HP_PSEUDOEPIPHYSES, HP_PSEUDOEPIPHYSES
                                                                                                     GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_DEGRANULATION, GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_DEGRANULATION
                                                                                                     HP_ABNORMALITY_OF_THE_FOOT_MUSCULATURE, HP_ABNORMALITY_OF_THE_FOOT_MUSCULATURE
                                                                                                     GOMF_PYRIMIDINE_NUCLEOTIDE_SUGAR_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_PYRIMIDINE_NUCLEOTIDE_SUGAR_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                     HP_HEMIHYPERTROPHY, HP_HEMIHYPERTROPHY
                                                                                                     GOBP_OLIGOSACCHARIDE_CATABOLIC_PROCESS, GOBP_OLIGOSACCHARIDE_CATABOLIC_PROCESS
                                                                                                     LIU_IL13_MEMORY_MODEL_UP, LIU_IL13_MEMORY_MODEL_UP
                                                                                                     GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_SYNAPSE, GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_SYNAPSE
                                                                                                     MIR4669, MIR4669
                                                                                                     GOBP_GRANULOCYTE_DIFFERENTIATION, GOBP_GRANULOCYTE_DIFFERENTIATION
                                                                                                     HP_SCLEROSIS_OF_SKULL_BASE, HP_SCLEROSIS_OF_SKULL_BASE
                                                                                                     GOBP_RESPONSE_TO_LITHIUM_ION, GOBP_RESPONSE_TO_LITHIUM_ION
                                                                                                     HP_HETEROPHORIA, HP_HETEROPHORIA
                                                                                                     GOBP_MIRNA_LOADING_ONTO_RISC_INVOLVED_IN_GENE_SILENCING_BY_MIRNA, GOBP_MIRNA_LOADING_ONTO_RISC_INVOLVED_IN_GENE_SILENCING_BY_MIRNA
                                                                                                     HP_MUSCLE_HYPERTROPHY_OF_THE_LOWER_EXTREMITIES, HP_MUSCLE_HYPERTROPHY_OF_THE_LOWER_EXTREMITIES
                                                                                                     GOMF_INOSITOL_HEXAKISPHOSPHATE_5_KINASE_ACTIVITY, GOMF_INOSITOL_HEXAKISPHOSPHATE_5_KINASE_ACTIVITY
                                                                                                     HP_HYPOCHROMIA, HP_HYPOCHROMIA
                                                                                                     GOBP_PROTEIN_LOCALIZATION_TO_SITE_OF_DOUBLE_STRAND_BREAK, GOBP_PROTEIN_LOCALIZATION_TO_SITE_OF_DOUBLE_STRAND_BREAK
                                                                                                     GOBP_CARBOHYDRATE_MEDIATED_SIGNALING, GOBP_CARBOHYDRATE_MEDIATED_SIGNALING
                                                                                                     REACTOME_COMPETING_ENDOGENOUS_RNAS_CERNAS_REGULATE_PTEN_TRANSLATION, REACTOME_COMPETING_ENDOGENOUS_RNAS_CERNAS_REGULATE_PTEN_TRANSLATION
                                                                                                     GOCC_MLL3_4_COMPLEX, GOCC_MLL3_4_COMPLEX
                                                                                                     GOBP_NEGATIVE_REGULATION_OF_VASCULATURE_DEVELOPMENT, GOBP_NEGATIVE_REGULATION_OF_VASCULATURE_DEVELOPMENT
                                                                                                     HP_APLASIA_OF_THE_MUSCULATURE, HP_APLASIA_OF_THE_MUSCULATURE
                                                                                                     HP_VENOUS_MALFORMATION, HP_VENOUS_MALFORMATION
                                                                                                     GOBP_REGULATION_OF_CHEMOKINE_MEDIATED_SIGNALING_PATHWAY, GOBP_REGULATION_OF_CHEMOKINE_MEDIATED_SIGNALING_PATHWAY
                                                                                                     TSUDA_ALVEOLAR_SOFT_PART_SARCOMA, TSUDA_ALVEOLAR_SOFT_PART_SARCOMA
                                                                                                     HP_MALIGNANT_HYPERTHERMIA, HP_MALIGNANT_HYPERTHERMIA
                                                                                                     GOBP_PULMONARY_ARTERY_MORPHOGENESIS, GOBP_PULMONARY_ARTERY_MORPHOGENESIS
                                                                                                     GOBP_2FE_2S_CLUSTER_ASSEMBLY, GOBP_2FE_2S_CLUSTER_ASSEMBLY
                                                                                                     GOBP_POSITIVE_REGULATION_OF_ENDOCYTIC_RECYCLING, GOBP_POSITIVE_REGULATION_OF_ENDOCYTIC_RECYCLING
                                                                                                     GOBP_UREA_CYCLE, GOBP_UREA_CYCLE
                                                                                                     GOBP_RENAL_WATER_HOMEOSTASIS, GOBP_RENAL_WATER_HOMEOSTASIS
                                                                                                     chr8p22, chr8p22
                                                                                                     REACTOME_INCRETIN_SYNTHESIS_SECRETION_AND_INACTIVATION, REACTOME_INCRETIN_SYNTHESIS_SECRETION_AND_INACTIVATION
                                                                                                     GOBP_AUDITORY_RECEPTOR_CELL_MORPHOGENESIS, GOBP_AUDITORY_RECEPTOR_CELL_MORPHOGENESIS
                                                                                                     GOBP_IMMUNE_COMPLEX_CLEARANCE, GOBP_IMMUNE_COMPLEX_CLEARANCE
                                                                                                     GOMF_GLYCEROL_CHANNEL_ACTIVITY, GOMF_GLYCEROL_CHANNEL_ACTIVITY
                                                                                                     HP_INFERIOR_LENS_SUBLUXATION, HP_INFERIOR_LENS_SUBLUXATION
                                                                                                     BIOCARTA_DICER_PATHWAY, BIOCARTA_DICER_PATHWAY
                                                                                                     GOBP_REGULATION_OF_T_CELL_EXTRAVASATION, GOBP_REGULATION_OF_T_CELL_EXTRAVASATION
                                                                                                     GOMF_AP_1_ADAPTOR_COMPLEX_BINDING, GOMF_AP_1_ADAPTOR_COMPLEX_BINDING
                                                                                                     GOBP_MONOCYTE_EXTRAVASATION, GOBP_MONOCYTE_EXTRAVASATION
                                                                                                     GOBP_HEMATOPOIETIC_STEM_CELL_MIGRATION, GOBP_HEMATOPOIETIC_STEM_CELL_MIGRATION
                                                                                                     GOBP_GLOMERULUS_MORPHOGENESIS, GOBP_GLOMERULUS_MORPHOGENESIS
                                                                                                     HP_ABNORMALITY_OF_LYSOSOMAL_METABOLISM, HP_ABNORMALITY_OF_LYSOSOMAL_METABOLISM
                                                                                                     HP_PECTORAL_MUSCLE_HYPOPLASIA_APLASIA, HP_PECTORAL_MUSCLE_HYPOPLASIA_APLASIA
                                                                                                     HP_LIMITATION_OF_MOVEMENT_AT_ANKLES, HP_LIMITATION_OF_MOVEMENT_AT_ANKLES
                                                                                                    GOBP_REGULATION_OF_ADIPOSE_TISSUE_DEVELOPMENT, GOBP_REGULATION_OF_ADIPOSE_TISSUE_DEVELOPMENT
                                                                                                     GOMF_MICROTUBULE_SEVERING_ATPASE_ACTIVITY, GOMF_MICROTUBULE_SEVERING_ATPASE_ACTIVITY
                                                                                                    GOBP_REGULATION_OF_METALLOENDOPEPTIDASE_ACTIVITY, GOBP_REGULATION_OF_METALLOENDOPEPTIDASE_ACTIVITY
                                                                                                     GOMF_POLYOL_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_POLYOL_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                     HP_APLASIA_HYPOPLASIA_OF_THE_5TH_METACARPAL, HP_APLASIA_HYPOPLASIA_OF_THE_5TH_METACARPAL
                                                                                                     MIR6125, MIR6125
                                                                                                     GOCC_RIBBON_SYNAPSE, GOCC_RIBBON_SYNAPSE
                                                                                                     GOBP_POSITIVE_REGULATION_OF_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY
                                                                                                     GOBP_NEUTRAL_LIPID_CATABOLIC_PROCESS, GOBP_NEUTRAL_LIPID_CATABOLIC_PROCESS
                                                                                                     GOBP_RENAL_WATER_TRANSPORT, GOBP_RENAL_WATER_TRANSPORT
                                                                                                     GOBP_ASTROCYTE_CELL_MIGRATION, GOBP_ASTROCYTE_CELL_MIGRATION
                                                                                                     GOMF_CCR2_CHEMOKINE_RECEPTOR_BINDING, GOMF_CCR2_CHEMOKINE_RECEPTOR_BINDING
                                                                                                     HP_UVEAL_MELANOMA, HP_UVEAL_MELANOMA
                                                                                                     GOBP_EXOCYST_LOCALIZATION, GOBP_EXOCYST_LOCALIZATION
                                                                                                     HP_CEREBRAL_ARTERIOVENOUS_MALFORMATION, HP_CEREBRAL_ARTERIOVENOUS_MALFORMATION
                                                                                                     HP_ABNORMAL_HEPATIC_IRON_CONCENTRATION, HP_ABNORMAL_HEPATIC_IRON_CONCENTRATION
                                                                                                     GOBP_ENDOPLASMIC_RETICULUM_PLASMA_MEMBRANE_TETHERING, GOBP_ENDOPLASMIC_RETICULUM_PLASMA_MEMBRANE_TETHERING
                                                                                                     DONATO_CELL_CYCLE_TRETINOIN, DONATO_CELL_CYCLE_TRETINOIN
                                                                                                     HP_OCULAR_PAIN, HP_OCULAR_PAIN
                                                                                                     DESCARTES_MAIN_FETAL_ENS_GLIA, DESCARTES_MAIN_FETAL_ENS_GLIA
                                                                                                     HP_ABNORMAL_LYMPHATIC_VESSEL_MORPHOLOGY, HP_ABNORMAL_LYMPHATIC_VESSEL_MORPHOLOGY
                                                                                                     GOBP_POSITIVE_REGULATION_OF_T_HELPER_1_TYPE_IMMUNE_RESPONSE, GOBP_POSITIVE_REGULATION_OF_T_HELPER_1_TYPE_IMMUNE_RESPONSE
                                                                                                     chr6q15, chr6q15
                                                                                                     GOBP_BLOOD_VESSEL_ENDOTHELIAL_CELL_DIFFERENTIATION, GOBP_BLOOD_VESSEL_ENDOTHELIAL_CELL_DIFFERENTIATION
                                                                                                     ZHONG_PFC_C3_PROX1_CCK_POS_INTERNEURON, ZHONG_PFC_C3_PROX1_CCK_POS_INTERNEURON
                                                                                                     GOBP_MEMBRANE_RAFT_ASSEMBLY, GOBP_MEMBRANE_RAFT_ASSEMBLY
                                                                                                     HP_ULCERATIVE_COLITIS, HP_ULCERATIVE_COLITIS
                                                                                                     HP_ARTERIOVENOUS_FISTULA, HP_ARTERIOVENOUS_FISTULA
                                                                                                    REACTOME_TIE2_SIGNALING, REACTOME_TIE2_SIGNALING
                                                                                                    GOBP_REGULATION_OF_TRIGLYCERIDE_CATABOLIC_PROCESS, GOBP_REGULATION_OF_TRIGLYCERIDE_CATABOLIC_PROCESS
                                                                                                    GOBP_PRESYNAPTIC_ACTIVE_ZONE_ORGANIZATION, GOBP_PRESYNAPTIC_ACTIVE_ZONE_ORGANIZATION
                                                                                                     MIR5739, MIR5739
                                                                                                    GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_INDEPENDENT_DECAY, GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_INDEPENDENT_DECAY
                                                                                                    GOBP_NEGATIVE_REGULATION_OF_CHEMOKINE_MEDIATED_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_CHEMOKINE_MEDIATED_SIGNALING_PATHWAY
                                                                                                    WP_CHOLESTEROL_BIOSYNTHESIS_WITH_SKELETAL_DYSPLASIAS, WP_CHOLESTEROL_BIOSYNTHESIS_WITH_SKELETAL_DYSPLASIAS
                                                                                                    GOBP_NEGATIVE_REGULATION_OF_ADENYLATE_CYCLASE_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_ADENYLATE_CYCLASE_ACTIVITY
                                                                                                    GOBP_POSITIVE_REGULATION_OF_VOLTAGE_GATED_CALCIUM_CHANNEL_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_VOLTAGE_GATED_CALCIUM_CHANNEL_ACTIVITY
                                                                                                    GOBP MICROTUBULE SEVERING, GOBP MICROTUBULE SEVERING
                                                                                                    HP_ABSENT_OR_MINIMALLY_OSSIFIED_VERTEBRAL_BODIES, HP_ABSENT_OR_MINIMALLY_OSSIFIED_VERTEBRAL_BODIES
                                                                                                     chr10q24, chr10q24
                                                                                                    GOBP_POSITIVE_REGULATION_OF_HISTONE_H3_K9_ACETYLATION, GOBP_POSITIVE_REGULATION_OF_HISTONE_H3_K9_ACETYLATION
                                                                                                     GOMF_M7G_5_PPPN_DIPHOSPHATASE_ACTIVITY, GOMF_M7G_5_PPPN_DIPHOSPHATASE_ACTIVITY
                                                                                                    HP_PERIPHERAL_ARTERIOVENOUS_FISTULA, HP_PERIPHERAL_ARTERIOVENOUS_FISTULA
                                                                                                    chr17p11, chr17p11
                                                                                                    HP_ABNORMALITY_OF_NEUTROPHIL_MORPHOLOGY, HP_ABNORMALITY_OF_NEUTROPHIL_MORPHOLOGY
                                                                                                     GOCC_NUCLEAR_ENVELOPE_LUMEN, GOCC_NUCLEAR_ENVELOPE_LUMEN
                                                                                                    HP_ABNORMAL_PELVIS_BONE_OSSIFICATION, HP_ABNORMAL_PELVIS_BONE_OSSIFICATION
                                                                                                    GOBP_REGULATION_OF_INTRACELLULAR_LIPID_TRANSPORT, GOBP_REGULATION_OF_INTRACELLULAR_LIPID_TRANSPORT
                                                                                                    WP_MAP3K1_ROLE_IN_PROMOTING_AND_BLOCKING_GONADAL_DETERMINATION, WP_MAP3K1_ROLE_IN_PROMOTING_AND_BLOCKING_GONADAL_DETERMINATION
                                                                                                     HP_LONG_CLAVICLES, HP_LONG_CLAVICLES
                                                                                                     REACTOME_CREATINE_METABOLISM, REACTOME_CREATINE_METABOLISM
                                                                                                     HP_DIAPHYSEAL_THICKENING, HP_DIAPHYSEAL_THICKENING
                                                                                                     HP_FULMINANT_HEPATIC_FAILURE, HP_FULMINANT_HEPATIC_FAILURE
                                                                                                     HP_FAILURE_OF_ERUPTION_OF_PERMANENT_TEETH, HP_FAILURE_OF_ERUPTION_OF_PERMANENT_TEETH
                                                                                                     HP_APLASIA_OF_THE_PECTORALIS_MAJOR_MUSCLE, HP_APLASIA_OF_THE_PECTORALIS_MAJOR_MUSCLE
                                                                                                     GOBP_FRUCTOSE_2_6_BISPHOSPHATE_METABOLIC_PROCESS, GOBP_FRUCTOSE_2_6_BISPHOSPHATE_METABOLIC_PROCESS
                                                                                                     GOCC_PHOTORECEPTOR_RIBBON_SYNAPSE, GOCC_PHOTORECEPTOR_RIBBON_SYNAPSE
                                                                                                     GOMF_FRUCTOSE_2_6_BISPHOSPHATE_2_PHOSPHATASE_ACTIVITY, GOMF_FRUCTOSE_2_6_BISPHOSPHATE_2_PHOSPHATASE_ACTIVITY
                                                                                                     HP_HIGH_FREQUENCY_SENSORINEURAL_HEARING_IMPAIRMENT, HP_HIGH_FREQUENCY_SENSORINEURAL_HEARING_IMPAIRMENT
                                                                                                     HP_INCREASED_VLDL_CHOLESTEROL_CONCENTRATION, HP_INCREASED_VLDL_CHOLESTEROL_CONCENTRATION
                                                                                                     HP_SEVERE_SHORT_LIMB_DWARFISM, HP_SEVERE_SHORT_LIMB_DWARFISM
                                                                                                     HP_ABNORMAL_PULSE, HP_ABNORMAL_PULSE
                                                                                                     GOBP_INTERKINETIC_NUCLEAR_MIGRATION, GOBP_INTERKINETIC_NUCLEAR_MIGRATION
                                                                                                     GOBP_PROTEIN_RETENTION_IN_GOLGI_APPARATUS, GOBP_PROTEIN_RETENTION_IN_GOLGI_APPARATUS
                                                                                                     GOBP_POSITIVE_REGULATION_OF_ADIPOSE_TISSUE_DEVELOPMENT, GOBP_POSITIVE_REGULATION_OF_ADIPOSE_TISSUE_DEVELOPMENT
                                                                                                     GOMF_CYTOSKELETON_NUCLEAR_MEMBRANE_ANCHOR_ACTIVITY, GOMF_CYTOSKELETON_NUCLEAR_MEMBRANE_ANCHOR_ACTIVITY
                                                                                                     NIKOLSKY_BREAST_CANCER_19P13_AMPLICON, NIKOLSKY_BREAST_CANCER_19P13_AMPLICON
                                                                                                     REACTOME_SYNTHESIS_OF_PI, REACTOME_SYNTHESIS_OF_PI
                                                                                                     YAGUE PRETUMOR DRUG RESISTANCE UP, YAGUE PRETUMOR DRUG RESISTANCE UP
                                                                                                     GOBP NEGATIVE REGULATION OF MYELOID LEUKOCYTE MEDIATED IMMUNITY, GOBP NEGATIVE REGULATION OF MYELOID LEUKOCYTE MEDIATED IMMUNITY
                                                                                                     GOCC_NEUROFILAMENT, GOCC_NEUROFILAMENT
                                                                                                    HP_LETHAL_SKELETAL_DYSPLASIA, HP_LETHAL_SKELETAL_DYSPLASIA
                                                                                                     HP_INCREASED_C_PEPTIDE_LEVEL, HP_INCREASED_C_PEPTIDE_LEVEL
                                                                                                     HP_THICKENED_RIBS, HP_THICKENED_RIBS
                                                                                                    GOBP_POSITIVE_REGULATION_OF_LIPOPROTEIN_PARTICLE_CLEARANCE, GOBP_POSITIVE_REGULATION_OF_LIPOPROTEIN_PARTICLE_CLEARANCE
                                                                                                     GOBP_POSITIVE_REGULATION_OF_RIG_I_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_RIG_I_SIGNALING_PATHWAY
                                                                                                     ITO_PTTG1_TARGETS_UP, ITO_PTTG1_TARGETS_UP
                                                                                                     HP_LOCALIZED_HIRSUTISM, HP_LOCALIZED_HIRSUTISM
                                                                                                     HP_REFRACTORY_ANEMIA, HP_REFRACTORY_ANEMIA
                                                                                                     HP_ABNORMAL_PLATELET_MEMBRANE_PROTEIN_EXPRESSION, HP_ABNORMAL_PLATELET_MEMBRANE_PROTEIN_EXPRESSION
                                                                                                    GOBP_PLASMA_MEMBRANE_RAFT_ASSEMBLY, GOBP_PLASMA_MEMBRANE_RAFT_ASSEMBLY
                                                                                                     GOBP_MAINTENANCE_OF_PRESYNAPTIC_ACTIVE_ZONE_STRUCTURE, GOBP_MAINTENANCE_OF_PRESYNAPTIC_ACTIVE_ZONE_STRUCTURE
                                                                                                     GOBP_THYMOCYTE_MIGRATION, GOBP_THYMOCYTE_MIGRATION
                                                                                                    GOBP_CELLULAR_RESPONSE_TO_OXYGEN_GLUCOSE_DEPRIVATION, GOBP_CELLULAR_RESPONSE_TO_OXYGEN_GLUCOSE_DEPRIVATION
                                                                                                     GOBP_SUGAR_MEDIATED_SIGNALING_PATHWAY, GOBP_SUGAR_MEDIATED_SIGNALING_PATHWAY
                                                                                                     GOBP_POSITIVE_REGULATION_OF_CELL_PROLIFERATION_IN_BONE_MARROW, GOBP_POSITIVE_REGULATION_OF_CELL_PROLIFERATION_IN_BONE_MARROW
                                                                                                     GOBP_NEGATIVE_REGULATION_OF_HISTONE_H4_ACETYLATION, GOBP_NEGATIVE_REGULATION_OF_HISTONE_H4_ACETYLATION
                                                                                                     GOBP_REGULATION_OF_HISTONE_H4_K16_ACETYLATION, GOBP_REGULATION_OF_HISTONE_H4_K16_ACETYLATION
                                                                                                     LI_PBMC_MENOMUNE_A_C_Y_W_135_AGE_18_45YO_3DY_DN, LI_PBMC_MENOMUNE_A_C_Y_W_135_AGE_18_45YO_3DY_DN
                                                                                                     chr4q25, chr4q25
                                                                                                     GOBP_NEGATIVE_REGULATION_OF_ENDOTHELIAL_CELL_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_ENDOTHELIAL_CELL_DIFFERENTIATION
                                                                                                     HP_MACROTHROMBOCYTOPENIA, HP_MACROTHROMBOCYTOPENIA
                                                                                                     HP_ABNORMAL_PLATELET_GRANULES, HP_ABNORMAL_PLATELET_GRANULES
                                                                                                     GOBP_CELL_PROLIFERATION_IN_BONE_MARROW, GOBP_CELL_PROLIFERATION_IN_BONE_MARROW
                                                                                                     GOBP_LUTEINIZING_HORMONE_SECRETION, GOBP_LUTEINIZING_HORMONE_SECRETION
                                                                                                     HP_HIGH_FREQUENCY_HEARING_IMPAIRMENT, HP_HIGH_FREQUENCY_HEARING_IMPAIRMENT
                                                                                                     HP_GIANT_PLATELETS, HP_GIANT_PLATELETS
                                                                                                      GOBP_LIPOPROTEIN_LOCALIZATION, GOBP_LIPOPROTEIN_LOCALIZATION
                                                                                                     chr5q21, chr5q21
                                                                                                     GOBP_PHOTOTRANSDUCTION, GOBP_PHOTOTRANSDUCTION
                                                                                                     HP_HIGH_OUTPUT_CONGESTIVE_HEART_FAILURE, HP_HIGH_OUTPUT_CONGESTIVE_HEART_FAILURE
                                                                                                     GOBP_ROUNDABOUT_SIGNALING_PATHWAY, GOBP_ROUNDABOUT_SIGNALING_PATHWAY
                                                                                                     GOBP_POSITIVE_REGULATION_OF_HIGH_VOLTAGE_GATED_CALCIUM_CHANNEL_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_HIGH_VOLTAGE_GATED_CALCIUM_CHANNEL_ACTIVITY
                                                                                                     GOMF_STRUCTURAL_CONSTITUENT_OF_PRESYNAPTIC_ACTIVE_ZONE, GOMF_STRUCTURAL_CONSTITUENT_OF_PRESYNAPTIC_ACTIVE_ZONE
                                                                                                     HP_PALMAR_TELANGIECTASIA, HP_PALMAR_TELANGIECTASIA
                                                                                                     GOBP_NEGATIVE_REGULATION_OF_TRIGLYCERIDE_CATABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_TRIGLYCERIDE_CATABOLIC_PROCESS
                                                                                                     GOBP_CREATINE_METABOLIC_PROCESS, GOBP_CREATINE_METABOLIC_PROCESS
                                                                                                     GOBP RESPONSE TO OXYGEN GLUCOSE DEPRIVATION, GOBP RESPONSE TO OXYGEN GLUCOSE DEPRIVATION
                                                                                                     GOBP_GONADOTROPIN_SECRETION, GOBP_GONADOTROPIN_SECRETION
                                                                                                     WP_PATHOGENESIS_OF_SARSCOV2_MEDIATED_BY_NSP9NSP10_COMPLEX, WP_PATHOGENESIS_OF_SARSCOV2_MEDIATED_BY_NSP9NSP10_COMPLEX
                                                                                                     GOMF_CARBOHYDRATE_PHOSPHATASE_ACTIVITY, GOMF_CARBOHYDRATE_PHOSPHATASE_ACTIVITY
                                                                                                     WP_BIOMARKERS_FOR_UREA_CYCLE_DISORDERS, WP_BIOMARKERS_FOR_UREA_CYCLE_DISORDERS
                                                                                                     HP_LARYNGEAL_STRIDOR, HP_LARYNGEAL_STRIDOR
                                                                                                     GOBP_CHROMOSOME_ATTACHMENT_TO_THE_NUCLEAR_ENVELOPE, GOBP_CHROMOSOME_ATTACHMENT_TO_THE_NUCLEAR_ENVELOPE
                                                                                                     GOBP_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS_INVOLVED_IN_CHOLESTEROL_TRANSPORT, GOBP_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS_INVOLVED_IN_CHOLESTEROL_TRANSPORT
                                                                                                     GOBP_POSITIVE_REGULATION_OF_CHOLESTEROL_METABOLIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_CHOLESTEROL_METABOLIC_PROCESS
                                                                                                     GOBP_NEGATIVE_REGULATION_OF_TRIGLYCERIDE_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_TRIGLYCERIDE_METABOLIC_PROCESS
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GSE9988\_ANTI\_TREM1\_AND\_LPS\_VS\_CTRL\_TREATED\_MONOCYTES\_DN, GSE9988\_ANTI\_TREM1\_AND\_LPS\_VS\_CTRL\_TREATED\_MONOCYTES\_DN

GSE9988 LPS VS CTRL TREATED MONOCYTE DN, GSE9988 LPS VS CTRL TREATED MONOCYTE DN

GSE9988\_ANTI\_TREM1\_VS\_CTRL\_TREATED\_MONOCYTES\_DN, GSE9988\_ANTI\_TREM1\_VS\_CTRL\_TREATED\_MONOCYTES\_DN

GSE9988\_LOW\_LPS\_VS\_VEHICLE\_TREATED\_MONOCYTE\_DN, GSE9988\_LOW\_LPS\_VS\_VEHICLE\_TREATED\_MONOCYTE\_DN

GSE9988\_LOW\_LPS\_VS\_CTRL\_TREATED\_MONOCYTE\_DN, GSE9988\_LOW\_LPS\_VS\_CTRL\_TREATED\_MONOCYTE\_DN

GSE2706\_UNSTIM\_VS\_8H\_LPS\_AND\_R848\_DC\_UP, GSE2706\_UNSTIM\_VS\_8H\_LPS\_AND\_R848\_DC\_UP