```
GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_6H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_6H_DN
                                                                                                              GSE20500_RETINOIC_ACID_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_DN, GSE20500_RETINOIC_ACID_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_DN
                                                                                                              GSE17721_LPS_VS_POLYIC_2H_BMDC_DN, GSE17721_LPS_VS_POLYIC_2H_BMDC_DN
                                                                                                              GSE13484_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_DN, GSE13484_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_DN
                                                                                                              GSE37533_PPARG1_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_DN, GSE37533_PPARG1_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_DN
                                                                                                             GSE45365_WT_VS_IFNAR_KO_CD8A_DC_DN, GSE45365_WT_VS_IFNAR_KO_CD8A_DC_DN
                                                                                                              GSE1432_1H_VS_6H_IFNG_MICROGLIA_DN, GSE1432_1H_VS_6H_IFNG_MICROGLIA_DN
                                                                                                              GSE42021_TREG_VS_TCONV_PLN_UP, GSE42021_TREG_VS_TCONV_PLN_UP
                                                                                                              GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_DN, GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_DN
                                                                                                              GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_UP, GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_UP
                                                                                                              GSE22886_CTRL_VS_LPS_24H_DC_DN, GSE22886_CTRL_VS_LPS_24H_DC_DN
                                                                                                             GSE7548 NAIVE VS DAY7 PCC IMMUNIZATION CD4 TCELL DN, GSE7548 NAIVE VS DAY7 PCC IMMUNIZATION CD4 TCELL DN
                                                                                                              GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_DN, GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_DN
                                                                                                              GSE14000_UNSTIM_VS_4H_LPS_DC_DN, GSE14000_UNSTIM_VS_4H_LPS_DC_DN
                                                                                                             GSE14769_UNSTIM_VS_240MIN_LPS_BMDM_DN, GSE14769_UNSTIM_VS_240MIN_LPS_BMDM_DN
                                                                                                              GSE16522_MEMORY_VS_NAIVE_ANTI_CD3CD28_STIM_CD8_TCELL_UP, GSE16522_MEMORY_VS_NAIVE_ANTI_CD3CD28_STIM_CD8_TCELL_UP
                                                                                                             GSE6269_FLU_VS_STREP_PNEUMO_INF_PBMC_UP, GSE6269_FLU_VS_STREP_PNEUMO_INF_PBMC_UP
                                                                                                             GSE18281_SUBCAPSULAR_VS_CENTRAL_CORTICAL_REGION_OF_THYMUS_UP, GSE18281_SUBCAPSULAR_VS_CENTRAL_CORTICAL_REGION_OF_THYMUS_UP
                                                                                                             GSE42021_CD24HI_VS_CD24INT_TREG_THYMUS_DN, GSE42021_CD24HI_VS_CD24INT_TREG_THYMUS_DN
                                                                                                              GSE16755_CTRL_VS_IFNA_TREATED_MAC_DN, GSE16755_CTRL_VS_IFNA_TREATED_MAC_DN
                                                                                                              GSE34006_A2AR_KO_VS_A2AR_AGONIST_TREATED_TREG_UP, GSE34006_A2AR_KO_VS_A2AR_AGONIST_TREATED_TREG_UP
                                                                                                             GSE14000 UNSTIM VS 16H LPS DC TRANSLATED RNA DN, GSE14000 UNSTIM VS 16H LPS DC TRANSLATED RNA DN
                                                                                                              GSE39382_IL3_VS_IL3_IL33_TREATED_MAST_CELL_DN, GSE39382_IL3_VS_IL3_IL33_TREATED_MAST_CELL_DN
                                                                                                              GSE37533_PPARG2_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_DN, GSE37533_PPARG2_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_DN
                                                                                                              GSE13485_DAY1_VS_DAY21_YF17D_VACCINE_PBMC_UP, GSE13485_DAY1_VS_DAY21_YF17D_VACCINE_PBMC_UP
                                                                                                              GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_DN, GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_DN
                                                                                                              GSE22033_UNTREATED_VS_MRL24_TREATED_MEF_DN, GSE22033_UNTREATED_VS_MRL24_TREATED_MEF_DN
                                                                                                             GSE15330_HSC_VS_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_UP, GSE15330_HSC_VS_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_UP
                                                                                                             GSE40685 TREG VS FOXP3 KO TREG PRECURSOR DN, GSE40685 TREG VS FOXP3 KO TREG PRECURSOR DN
                                                                                                              GSE42021_TREG_PLN_VS_CD24INT_TREG_THYMUS_DN, GSE42021_TREG_PLN_VS_CD24INT_TREG_THYMUS_DN
                                                                                                             GSE21546_ELK1_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_UP, GSE21546_ELK1_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_UP
                                                                                                              GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY5_DN, GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY5_DN
                                                                                                              GSE22140_GERMFREE_VS_SPF_MOUSE_CD4_TCELL_UP, GSE22140_GERMFREE_VS_SPF_MOUSE_CD4_TCELL_UP
                                                                                                              GSE21033_CTRL_VS_POLYIC_STIM_DC_6H_UP, GSE21033_CTRL_VS_POLYIC_STIM_DC_6H_UP
                                                                                                              GSE42088_UNINF_VS_LEISHMANIA_INF_DC_4H_UP, GSE42088_UNINF_VS_LEISHMANIA_INF_DC_4H_UP
                                                                                                              GSE21546_WT_VS_SAP1A_KO_DP_THYMOCYTES_UP, GSE21546_WT_VS_SAP1A_KO_DP_THYMOCYTES_UP
                                                                                                              GSE38681_WT_VS_LYL1_KO_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_DN, GSE38681_WT_VS_LYL1_KO_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_DN
                                                                                                              GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_4H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_4H_DN
                                                                                                              GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_CD8_TCELL_DN, GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_CD8_TCELL_DN
                                                                                                              GSE34156_UNTREATED_VS_6H_NOD2_LIGAND_TREATED_MONOCYTE_DN, GSE34156_UNTREATED_VS_6H_NOD2_LIGAND_TREATED_MONOCYTE_DN
                                                                                                              GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_12H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_12H_DN
                                                                                                              GSE37534_UNTREATED_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN, GSE37534_UNTREATED_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TR
                                                                                                              GSE22432_MULTIPOTENT_VS_COMMON_DC_PROGENITOR_DN, GSE22432_MULTIPOTENT_VS_COMMON_DC_PROGENITOR_DN
                                                                                                              GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_2H_DN, GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_2H_DN
                                                                                                             GSE37534_UNTREATED_VS_PIOGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN, GSE37534_UNTREATED_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN, GSE37534_UNTREATED_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_PPARG1_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCEL
                                                                                                             XIE_ST_HSC_S1PR3_OE_UP, XIE_ST_HSC_S1PR3_OE_UP
                                                                                                              GSE34156_UNTREATED_VS_6H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN, GSE34156_UNTREATED_VS_6H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN
                                                                                                              GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_DN, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_DN
                                                                                                              GSE2706_UNSTIM_VS_8H_R848_DC_DN, GSE2706_UNSTIM_VS_8H_R848_DC_DN
                                                                                                             GSE42724_NAIVE_BCELL_VS_PLASMABLAST_UP, GSE42724_NAIVE_BCELL_VS_PLASMABLAST_UP
                                                                                                             GSE6259_33D1_POS_VS_DEC205_POS_SPLENIC_DC_DN, GSE6259_33D1_POS_VS_DEC205_POS_SPLENIC_DC_DN
                                                                                                              GSE3337_CTRL_VS_4H_IFNG_IN_CD8POS_DC_DN, GSE3337_CTRL_VS_4H_IFNG_IN_CD8POS_DC_DN
                                                                                                              GSE14000_UNSTIM_VS_4H_LPS_DC_TRANSLATED_RNA_DN, GSE14000_UNSTIM_VS_4H_LPS_DC_TRANSLATED_RNA_DN
                                                                                                              GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_10H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_10H_DN
                                                                                                             GSE43863_DAY6_EFF_VS_DAY150_MEM_TFH_CD4_TCELL_UP, GSE43863_DAY6_EFF_VS_DAY150_MEM_TFH_CD4_TCELL_UP
                                                                                                             GSE34205_RSV_VS_FLU_INF_INFANT_PBMC_DN, GSE34205_RSV_VS_FLU_INF_INFANT_PBMC_DN
                                                                                                             GSE29617_CTRL_VS_DAY3_TIV_FLU_VACCINE_PBMC_2008_UP, GSE29617_CTRL_VS_DAY3_TIV_FLU_VACCINE_PBMC_2008_UP
                                                                                                             GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_18H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_18H_DN
                                                                                                             GSE2706_UNSTIM_VS_8H_LPS_AND_R848_DC_DN, GSE2706_UNSTIM_VS_8H_LPS_AND_R848_DC_DN
                                                                                                             MEK_UP.V1_DN, MEK_UP.V1_DN
                                                                                                             GSE36527_CD69_NEG_VS_POS_TREG_CD62L_LOS_KLRG1_NEG_UP, GSE36527_CD69_NEG_VS_POS_TREG_CD62L_LOS_KLRG1_NEG_UP
                                                                                                             GSE19888_CTRL_VS_TCELL_MEMBRANES_ACT_MAST_CELL_PRETREAT_A3R_INH_DN, GSE19888_CTRL_VS_TCELL_MEMBRANES_ACT_MAST_CELL_PRETREAT_A3R_INH_DN
                                                                                                             GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_DN, GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_DN
                                                                                                             HOWARD_DENDRITIC_CELL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_1DY_UP, HOWARD_DENDRITIC_CELL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1
                                                                                                             GSE36826_WT_VS_IL1R_KO_SKIN_STAPH_AUREUS_INF_DN, GSE36826_WT_VS_IL1R_KO_SKIN_STAPH_AUREUS_INF_DN
                                                                                                             GSE360_CTRL_VS_M_TUBERCULOSIS_MAC_DN, GSE360_CTRL_VS_M_TUBERCULOSIS_MAC_DN
                                                                                                             GSE16522_MEMORY_VS_NAIVE_CD8_TCELL_DN, GSE16522_MEMORY_VS_NAIVE_CD8_TCELL_DN
                                                                                                             GSE2706_UNSTIM_VS_2H_LPS_AND_R848_DC_DN, GSE2706_UNSTIM_VS_2H_LPS_AND_R848_DC_DN
                                                                                                             GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_16H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_16H_DN
                                                                                                              GSE7509_UNSTIM_VS_IFNA_STIM_IMMATURE_DC_DN, GSE7509_UNSTIM_VS_IFNA_STIM_IMMATURE_DC_DN
                                                                                                              GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_8H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_8H_DN
                                                                                                              GSE22140_GERMFREE_VS_SPF_ARTHRITIC_MOUSE_CD4_TCELL_UP, GSE22140_GERMFREE_VS_SPF_ARTHRITIC_MOUSE_CD4_TCELL_UP
                                                                                                              TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_10D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_10D_UP
                                                                                                              HOWARD_NEUTROPHIL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_3DY_UP, HOWARD_NEUTROPHIL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_1
                                                                                                              ERWIN_COHEN_BLOOD_TC_83_AGE_23_48YO_VACCINATED_VS_CONTROL_2DY_UP, ERWIN_COHEN_BLOOD_TC_83_AGE_23_48YO_VACCINATED_VS_CONTROL_2DY_UP
                                                                                                              GSE7218_IGM_VS_IGG_SIGNAL_THGOUGH_ANTIGEN_BCELL_DN, GSE7218_IGM_VS_IGG_SIGNAL_THGOUGH_ANTIGEN_BCELL_DN
                                                                                                              GSE7348_UNSTIM_VS_TOLERIZED_AND_LPS_STIM_MACROPHAGE_DN, GSE7348_UNSTIM_VS_TOLERIZED_AND_LPS_STIM_MACROPHAGE_DN
                                                                                                              TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_3D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_3D_UP
                                                                                                              LTE2_UP.V1_DN, LTE2_UP.V1_DN
                                                                                                              GSE15324_NAIVE_VS_ACTIVATED_CD8_TCELL_UP, GSE15324_NAIVE_VS_ACTIVATED_CD8_TCELL_UP
                                                                                                              GSE2706_R848_VS_R848_AND_LPS_2H_STIM_DC_DN, GSE2706_R848_VS_R848_AND_LPS_2H_STIM_DC_DN
                                                                                                              MIR3667_3P, MIR3667_3P
                                                                                                              GSE21670_UNTREATED_VS_IL6_TREATED_CD4_TCELL_UP, GSE21670_UNTREATED_VS_IL6_TREATED_CD4_TCELL_UP
                                                                                                             GOBP_MOVEMENT_IN_HOST_ENVIRONMENT, GOBP_MOVEMENT_IN_HOST_ENVIRONMENT
                                                                                                             CTCTGGA_MIR520A_MIR525, CTCTGGA_MIR520A_MIR525
DAY21_YF17D_VACCINE_PBMC_UP, GSE13485_DAY3_VS_DAY21_YF17D_VACCINE_PBMC_UP
                                                                                                              GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_18H_DN, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_18H_DN
                                                                                                              GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_14H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_14H_DN
                                                                                                              GSE21033_3H_VS_24H_POLYIC_STIM_DC_UP, GSE21033_3H_VS_24H_POLYIC_STIM_DC_UP
                                                                                                              MIR9986, MIR9986
                                                                                                              GSE35825 UNTREATED VS IFNA STIM MACROPHAGE DN, GSE35825 UNTREATED VS IFNA STIM MACROPHAGE DN
                                                                                                              MIR1294, MIR1294
                                                                                                              GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_48H_ACT_CD4_TCELL_DN, GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_48H_ACT_CD4_TCELL_DN
                                                                                                              GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_DN, GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_DN
                                                                                                              GSE42021_CD24HI_VS_CD24LOW_TREG_THYMUS_DN, GSE42021_CD24HI_VS_CD24LOW_TREG_THYMUS_DN
                                                                                                              GSE20500_RETINOIC_ACID_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_UP, GSE20500_RETINOIC_ACID_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_UP
                                                                                                              GSE22589_HEALTHY_VS_HIV_INFECTED_DC_DN, GSE22589_HEALTHY_VS_HIV_INFECTED_DC_DN
                                                                                                              BLANCO MELO BRONCHIAL EPITHELIAL CELLS INFLUENZA A INFECTION UP, BLANCO MELO BRONCHIAL EPITHELIAL CELLS INFLUENZA A INFECTION UP
                                                                                                              GSE43863_TFH_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_UP, GSE43863_TFH_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_UP
                                                                                                              BHAT_ESR1_TARGETS_NOT_VIA_AKT1_DN, BHAT_ESR1_TARGETS_NOT_VIA_AKT1_DN
                                                                                                              REACTOME CYTOSOLIC_SENSORS_OF_PATHOGEN_ASSOCIATED_DNA, REACTOME_CYTOSOLIC_SENSORS_OF_PATHOGEN_ASSOCIATED_DNA
                                                                                                              GSE23321_EFFECTOR_MEMORY_VS_NAIVE_CD8_TCELL_UP, GSE23321_EFFECTOR_MEMORY_VS_NAIVE_CD8_TCELL_UP
                                                                                                             HP_ABNORMALITY_OF_THE_PULMONARY_VASCULATURE, HP_ABNORMALITY_OF_THE_PULMONARY_VASCULATURE
                                                                                                             GSE17721_CTRL_VS_PAM3CSK4_1H_BMDC_DN, GSE17721_CTRL_VS_PAM3CSK4_1H_BMDC_DN
                                                                                                             HALLMARK INTERFERON ALPHA RESPONSE, HALLMARK INTERFERON ALPHA RESPONSE
                                                                                                             MIR1291, MIR1291
                                                                                                             GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_24H_ACT_CD4_TCELL_DN, GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_24H_ACT_CD4_TCELL_DN
                                                                                                              MIR3934_3P, MIR3934_3P
                                                                                                              MIR939_3P, MIR939_3P
                                                                                                             MIR6826_3P, MIR6826_3P
                                                                                                             GSE9960_GRAM_NEG_VS_GRAM_NEG_AND_POS_SEPSIS_PBMC_UP, GSE9960_GRAM_NEG_VS_GRAM_NEG_AND_POS_SEPSIS_PBMC_UP
                                                                                                             GUO_TARGETS_OF_IRS1_AND_IRS2, GUO_TARGETS_OF_IRS1_AND_IRS2
                                                                                                             GSE45837_WT_VS_GFI1_KO_PDC_UP, GSE45837_WT_VS_GFI1_KO_PDC_UP
                                                                                                             HP_GINGIVAL_OVERGROWTH, HP_GINGIVAL_OVERGROWTH
                                                                                                             GSE3720_UNSTIM_VS_LPS_STIM_VD2_GAMMADELTA_TCELL_DN, GSE3720_UNSTIM_VS_LPS_STIM_VD2_GAMMADELTA_TCELL_DN
                                                                                                             GSE4590_SMALL_VS_VPREB_POS_LARGE_PRE_BCELL_DN, GSE4590_SMALL_VS_VPREB_POS_LARGE_PRE_BCELL_DN
                                                                                                             ZHU_CMV_8_HR_UP, ZHU_CMV_8_HR_UP
                                                                                                             HP_ABNORMALITY_OF_THE_PULMONARY_ARTERY, HP_ABNORMALITY_OF_THE_PULMONARY_ARTERY
                                                                                                             GSE2706_R848_VS_LPS_2H_STIM_DC_DN, GSE2706_R848_VS_LPS_2H_STIM_DC_DN
                                                                                                             MIR6778_5P, MIR6778_5P
                                                                                                             MIR1233_5P, MIR1233_5P
                                                                                                              GSE22033_WT_VS_PPARG_KO_MEF_UP, GSE22033_WT_VS_PPARG_KO_MEF_UP
                                                                                                             GOBP_NEGATIVE_REGULATION_OF_TYPE_I_INTERFERON_PRODUCTION, GOBP_NEGATIVE_REGULATION_OF_TYPE_I_INTERFERON_PRODUCTION
                                                                                                              RPA1_TARGET_GENES, RPA1_TARGET_GENES
                                                                                                              MIR6829_5P, MIR6829_5P
                                                                                                             LIANG_SILENCED_BY_METHYLATION_2, LIANG_SILENCED_BY_METHYLATION_2
                                                                                                              REACTOME_MET_PROMOTES_CELL_MOTILITY, REACTOME_MET_PROMOTES_CELL_MOTILITY
                                                                                                              GOBP_CEREBRAL_CORTEX_DEVELOPMENT, GOBP_CEREBRAL_CORTEX_DEVELOPMENT
                                                                                                             SANA_RESPONSE_TO_IFNG_UP, SANA_RESPONSE_TO_IFNG_UP
                                                                                                             MIR5591_5P, MIR5591_5P
                                                                                                              SCHEIDEREIT_IKK_INTERACTING_PROTEINS, SCHEIDEREIT_IKK_INTERACTING_PROTEINS
                                                                                                              REACTOME_SIGNALING_BY_CYTOSOLIC_FGFR1_FUSION_MUTANTS, REACTOME_SIGNALING_BY_CYTOSOLIC_FGFR1_FUSION_MUTANTS
                                                                                                             MIR664B_5P, MIR664B_5P
                                                                                                             MUELLER_COMMON_TARGETS_OF_AML_FUSIONS_DN, MUELLER_COMMON_TARGETS_OF_AML_FUSIONS_DN
                                                                                                             HP_ATROPHY_DEGENERATION_INVOLVING_THE_CORTICOSPINAL_TRACTS, HP_ATROPHY_DEGENERATION_INVOLVING_THE_CORTICOSPINAL_TRACTS
                                                                                                              NAKAYA_PBMC_FLUAD_MALE_AGE_14_27YO_1D_POSTBOOST_VS_0D_PREIMM_MF59_ADJUVANTED_1DY_ATIV_UP, NAKAYA_PBMC_FLUAD_MALE_AGE_14_27YO_1D_POSTBOOST_VS_0D_PREIMM_MF59_
                                                                                                             GOBP_PROTEIN_MONO_ADP_RIBOSYLATION, GOBP_PROTEIN_MONO_ADP_RIBOSYLATION
                                                                                                             PID_EPHB_FWD_PATHWAY, PID_EPHB_FWD_PATHWAY
                                                                                                             QUEREC_PBMC_YF_17D_VACCINE_AGE_18_45YO_3DY_UP, QUEREC_PBMC_YF_17D_VACCINE_AGE_18_45YO_3DY_UP
                                                                                                             QUEREC_PBMC_YF_17D_VACCINE_AGE_18_45YO_7DY_UP, QUEREC_PBMC_YF_17D_VACCINE_AGE_18_45YO_7DY_UP
                                                                                                             MIR6737_5P, MIR6737_5P
                                                                                                             REACTOME_MET_RECEPTOR_RECYCLING, REACTOME_MET_RECEPTOR_RECYCLING
                                                                                                             REACTOME_GAB1_SIGNALOSOME, REACTOME_GAB1_SIGNALOSOME
                                                                                                             HP_YOUNG_ADULT_ONSET, HP_YOUNG_ADULT_ONSET
                                                                                                             HP_OPEN_BITE, HP_OPEN_BITE
                                                                                                             GOBP_REGULATION_OF_KERATINOCYTE_PROLIFERATION, GOBP_REGULATION_OF_KERATINOCYTE_PROLIFERATION
                                                                                                             RADAEVA_RESPONSE_TO_IFNA1_UP, RADAEVA_RESPONSE_TO_IFNA1_UP
                                                                                                             JECHLINGER_EPITHELIAL_TO_MESENCHYMAL_TRANSITION_UP, JECHLINGER_EPITHELIAL_TO_MESENCHYMAL_TRANSITION_UP
                                                                                                             GNF2_CDH3, GNF2_CDH3
                                                                                                             REACTOME_TNFR1_INDUCED_PROAPOPTOTIC_SIGNALING, REACTOME_TNFR1_INDUCED_PROAPOPTOTIC_SIGNALING
                                                                                                             GNF2 SERPINB5, GNF2 SERPINB5
                                                                                                             MIR6824_5P, MIR6824_5P
                                                                                                             BIOCARTA_EPONFKB_PATHWAY, BIOCARTA_EPONFKB_PATHWAY
                                                                                                             GOBP_POSITIVE_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION, GOBP_POSITIVE_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION
                                                                                                             GOBP_REGULATION_OF_NATURAL_KILLER_CELL_MEDIATED_IMMUNITY, GOBP_REGULATION_OF_NATURAL_KILLER_CELL_MEDIATED_IMMUNITY
                                                                                                             HOEK_NEUTROPHIL_2011_2012_TIV_ADULT_7DY_DN, HOEK_NEUTROPHIL_2011_2012_TIV_ADULT_7DY_DN
                                                                                                             GOBP_PROTEIN_K11_LINKED_DEUBIQUITINATION, GOBP_PROTEIN_K11_LINKED_DEUBIQUITINATION
                                                                                                              REACTOME_EGFR_INTERACTS_WITH_PHOSPHOLIPASE_C_GAMMA, REACTOME_EGFR_INTERACTS_WITH_PHOSPHOLIPASE_C_GAMMA
                                                                                                             GOBP_TOLL_LIKE_RECEPTOR_3_SIGNALING_PATHWAY, GOBP_TOLL_LIKE_RECEPTOR_3_SIGNALING_PATHWAY
                                                                                                             GOBP_POSITIVE_REGULATION_OF_ACTIN_NUCLEATION, GOBP_POSITIVE_REGULATION_OF_ACTIN_NUCLEATION
                                                                                                              REACTOME_SPRY_REGULATION_OF_FGF_SIGNALING, REACTOME_SPRY_REGULATION_OF_FGF_SIGNALING
                                                                                                             HOEK_NEUTROPHIL_2011_2012_TIV_ADULT_1DY_UP, HOEK_NEUTROPHIL_2011_2012_TIV_ADULT_1DY_UP
                                                                                                             HP MYELOPROLIFERATIVE DISORDER, HP MYELOPROLIFERATIVE DISORDER
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GOCC_PIP_BODY, GOCC_PIP_BODY

ZHAN_MULTIPLE_MYELOMA_SPIKED, ZHAN_MULTIPLE_MYELOMA_SPIKED

CAO_BLOOD_FLUZONE_AGE_05_14YO_1DY_UP, CAO_BLOOD_FLUZONE_AGE_05_14YO_1DY_UP

GRANDVAUX_IFN_RESPONSE_NOT_VIA_IRF3, GRANDVAUX_IFN_RESPONSE_NOT_VIA_IRF3

GOMF_POLYNUCLEOTIDE_ADENYLYLTRANSFERASE_ACTIVITY, GOMF_POLYNUCLEOTIDE_ADENYLYLTRANSFERASE_ACTIVITY

GOBP_MODULATION_BY_HOST_OF_VIRAL_GENOME_REPLICATION, GOBP_MODULATION_BY_HOST_OF_VIRAL_GENOME_REPLICATION

REACTOME_NEGATIVE_REGULATION_OF_FGFR1_SIGNALING, REACTOME_NEGATIVE_REGULATION_OF_FGFR1_SIGNALING