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GSE15930 NAIVE VS 24H IN VITRO STIM CD8 TCELL DN, GSE15930 NAIVE VS 24H IN VITRO STIM CD8 TCELL DN
  GSE14415_TCONV_VS_FOXP3_KO_INDUCED_TREG_UP, GSE14415_TCONV_VS_FOXP3_KO_INDUCED_TREG_UP
  GSE37532_WT_VS_PPARG_KO_VISCERAL_ADIPOSE_TISSUE_TREG_UP, GSE37532_WT_VS_PPARG_KO_VISCERAL_ADIPOSE_TISSUE_TREG_UP
  GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH1_DN, GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH1_DN
  GSE17186_BLOOD_VS_CORD_BLOOD_CD21HIGH_TRANSITIONAL_BCELL_UP, GSE17186_BLOOD_VS_CORD_BLOOD_CD21HIGH_TRANSITIONAL_BCELL_UP
  GSE40273_GATA1_KO_VS_WT_TREG_UP, GSE40273_GATA1_KO_VS_WT_TREG_UP
  GSE15271_CXCR4_POS_VS_NEG_GC_BCELL_UP, GSE15271_CXCR4_POS_VS_NEG_GC_BCELL_UP
  GSE16451_IMMATURE_VS_MATURE_NEURON_CELL_LINE_WEST_EQUINE_ENC_VIRUS_DN, GSE16451_IMMATURE_VS_MATURE_NEURON_CELL_LINE_WEST_EQUINE_ENC_VIRUS_DN
  GSE19888_ADENOSINE_A3R_ACT_VS_A3R_ACT_WITH_A3R_INH_PRETREATMENT_IN_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_ACT_VS_A3R_ACT_WITH_A3R_INH_PRETREATMENT_IN_MAST_CELL_UP
  GSE19923_WT_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_UP, GSE19923_WT_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_UP
  GSE21670_IL6_VS_TGFB_AND_IL6_TREATED_STAT3_KO_CD4_TCELL_UP, GSE21670_IL6_VS_TGFB_AND_IL6_TREATED_STAT3_KO_CD4_TCELL_UP
  GSE25085_FETAL_LIVER_VS_ADULT_BM_SP4_THYMIC_IMPLANT_DN, GSE25085_FETAL_LIVER_VS_ADULT_BM_SP4_THYMIC_IMPLANT_DN
  GSE40274_CTRL_VS_FOXP3_AND_HELIOS_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_CTRL_VS_FOXP3_AND_HELIOS_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
  GSE14415 INDUCED VS NATURAL TREG DN, GSE14415 INDUCED VS NATURAL TREG DN
  GSE21063_3H_VS_16H_ANTI_IGM_STIM_NFATC1_KOBCELL_DN, GSE21063_3H_VS_16H_ANTI_IGM_STIM_NFATC1_KOBCELL_DN
  GSE16451_CTRL_VS_WEST_EQUINE_ENC_VIRUS_IMMATURE_NEURON_CELL_LINE_DN, GSE16451_CTRL_VS_WEST_EQUINE_ENC_VIRUS_IMMATURE_NEURON_CELL_LINE_DN
  GSE17974_0H_VS_24H_IN_VITRO_ACT_CD4_TCELL_DN, GSE17974_0H_VS_24H_IN_VITRO_ACT_CD4_TCELL_DN
  GSE411_WT_VS_SOCS3_KO_MACROPHAGE_IL6_STIM_100MIN_UP, GSE411_WT_VS_SOCS3_KO_MACROPHAGE_IL6_STIM_100MIN_UP
  GSE21063_WT_VS_NFATC1_KO_BCELL_DN, GSE21063_WT_VS_NFATC1_KO_BCELL_DN
  GSE20754_WT_VS_TCF1_KO_MEMORY_CD8_TCELL_DN, GSE20754_WT_VS_TCF1_KO_MEMORY_CD8_TCELL_DN
  GSE20727_CTRL_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATED_DC_DN, GSE20727_CTRL_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATED_DC_DN
  GSE14769_UNSTIM_VS_360MIN_LPS_BMDM_UP, GSE14769_UNSTIM_VS_360MIN_LPS_BMDM_UP
  GSE17974_0.5H_VS_72H_IL4_AND_ANTI_IL12_ACT_CD4_TCELL_DN, GSE17974_0.5H_VS_72H_IL4_AND_ANTI_IL12_ACT_CD4_TCELL_DN
  GSE9650_EFFECTOR_VS_MEMORY_CD8_TCELL_UP, GSE9650_EFFECTOR_VS_MEMORY_CD8_TCELL_UP
  GSE9878_CTRL_VS_EBF_TRANSDUCED_PAX5_KO_PRO_BCELL_DN, GSE9878_CTRL_VS_EBF_TRANSDUCED_PAX5_KO_PRO_BCELL_DN
  GSE36888 STAT5 AB KNOCKIN VS WT TCELL IL2 TREATED 6H DN, GSE36888 STAT5 AB KNOCKIN VS WT TCELL IL2 TREATED 6H DN
  GSE21670 UNTREATED VS TGFB IL6 TREATED STAT3 KO CD4 TCELL UP, GSE21670 UNTREATED VS TGFB IL6 TREATED STAT3 KO CD4 TCELL UP
  GSE7768_OVA_ALONE_VS_OVA_WITH_MPL_IMMUNIZED_MOUSE_WHOLE_SPLEEN_6H_UP, GSE7768_OVA_ALONE_VS_OVA_WITH_MPL_IMMUNIZED_MOUSE_WHOLE_SPLEEN_6H_UP
  GSE411_UNSTIM_VS_400MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_DN, GSE411_UNSTIM_VS_400MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_DN
  GSE17721_CTRL_VS_POLYIC_6H_BMDC_UP, GSE17721_CTRL_VS_POLYIC_6H_BMDC_UP
  GSE7852_LN_VS_THYMUS_TCONV_DN, GSE7852_LN_VS_THYMUS_TCONV_DN
  GSE17301_CTRL_VS_48H_ACD3_ACD28_IFNA5_STIM_CD8_TCELL_DN, GSE17301_CTRL_VS_48H_ACD3_ACD28_IFNA5_STIM_CD8_TCELL_DN
  GSE2128_C57BL6_VS_NOD_THYMOCYTE_UP, GSE2128_C57BL6_VS_NOD_THYMOCYTE_UP
  GSE22432 MULTIPOTENT_VS_COMMON_DC_PROGENITOR_UP, GSE22432_MULTIPOTENT_VS_COMMON_DC_PROGENITOR_UP
  GSE5589_WT_VS_IL6_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP, GSE5589_WT_VS_IL6_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP
  GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_IL12_CD8_TCELL_DN, GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_IL12_CD8_TCELL_DN
  GSE13547_CTRL_VS_ANTI_IGM_STIM_ZFX_KO_BCELL_2H_UP, GSE13547_CTRL_VS_ANTI_IGM_STIM_ZFX_KO_BCELL_2H_UP
  GSE17974_0H_VS_48H_IN_VITRO_ACT_CD4_TCELL_DN, GSE17974_0H_VS_48H_IN_VITRO_ACT_CD4_TCELL_DN
  GSE13547_CTRL_VS_ANTI_IGM_STIM_BCELL_2H_UP, GSE13547_CTRL_VS_ANTI_IGM_STIM_BCELL_2H_UP
  GSE14308_TH2_VS_TH17_UP, GSE14308_TH2_VS_TH17_UP
  GSE11961_MARGINAL_ZONE_BCELL_VS_MEMORY_BCELL_DAY40_DN, GSE11961_MARGINAL_ZONE_BCELL_VS_MEMORY_BCELL_DAY40_DN
  GSE21670_UNTREATED_VS_TGFB_IL6_TREATED_CD4_TCELL_UP, GSE21670_UNTREATED_VS_TGFB_IL6_TREATED_CD4_TCELL_UP
  GSE22601_DOUBLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_DOUBLE_POSITIVE_VS_CD8_SINGLE_POSITIVE THYMOCYTE DN
  GSE37532_WT_VS_PPARG_KO_LN_TCONV_DN, GSE37532_WT_VS_PPARG_KO_LN_TCONV_DN
  GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_DN, GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_DN
  GSE25088_WT_VS_STAT6_KO_MACROPHAGE_ROSIGLITAZONE_AND_IL4_STIM_UP, GSE25088_WT_VS_STAT6_KO_MACROPHAGE_ROSIGLITAZONE_AND_IL4_STIM_UP
  GSE10273_HIGH_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_DN, GSE10273_HIGH_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_DN
  GSE17186_CD21LOW_VS_CD21HIGH_TRANSITIONAL_BCELL_UP, GSE17186_CD21LOW_VS_CD21HIGH_TRANSITIONAL_BCELL_UP
  GSE3039_ALPHABETA_CD8_TCELL_VS_B2_BCELL_DN, GSE3039_ALPHABETA_CD8_TCELL_VS_B2_BCELL_DN
  GSE6259 33D1_POS_DC_VS_CD4_TCELL_UP, GSE6259_33D1_POS_DC_VS_CD4_TCELL_UP
  GSE40068_BCL6_POS_VS_NEG_CXCR5_POS_TFH_UP, GSE40068_BCL6_POS_VS_NEG_CXCR5_POS_TFH_UP
  KAECH_NAIVE_VS_DAY15_EFF_CD8_TCELL_DN, KAECH_NAIVE_VS_DAY15_EFF_CD8_TCELL_DN
  GSE20727_DNFB_ALLERGEN_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATED_DC_DN, GSE20727_DNFB_ALLERGEN_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATED_DC_DN
  GSE37301_HEMATOPOIETIC_STEM_CELL_VS_CD4_TCELL_UP, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_CD4_TCELL_UP
  GSE7218_IGM_VS_IGG_SIGNAL_THGOUGH_ANTIGEN_BCELL_UP, GSE7218_IGM_VS_IGG_SIGNAL_THGOUGH_ANTIGEN_BCELL_UP
  GSE9239_CTRL_VS_TNF_INHIBITOR_TREATED_DC_DN, GSE9239_CTRL_VS_TNF_INHIBITOR_TREATED_DC_DN
  GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_16H_UP, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_16H_UP
 GSE10240_CTRL_VS_IL17_AND_IL22_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_UP, GSE10240_CTRL_VS_IL17_AND_IL22_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_UP
  GSE27786_LSK_VS_CD4_TCELL_UP, GSE27786_LSK_VS_CD4_TCELL_UP
 GSE39556_CD8A_DC_VS_NK_CELL_UP, GSE39556_CD8A_DC_VS_NK_CELL_UP
 GSE18893_TCONV_VS_TREG_24H_CULTURE_DN, GSE18893_TCONV_VS_TREG_24H_CULTURE_DN
 GSE32901_NAIVE_VS_TH17_NEG_CD4_TCELL_UP, GSE32901_NAIVE_VS_TH17_NEG_CD4_TCELL_UP
 GSE24671_BAKIMULC_VS_SENDAI_VIRUS_INFECTED_MOUSE_SPLENOCYTES_UP, GSE24671_BAKIMULC_VS_SENDAI_VIRUS_INFECTED_MOUSE_SPLENOCYTES_UP
 GSE24210_TCONV_VS_TREG_DN, GSE24210_TCONV_VS_TREG_DN
 GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_16H_DN, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_16H_DN
 GSE3039_CD4_TCELL_VS_NKT_CELL_DN, GSE3039_CD4_TCELL_VS_NKT_CELL_DN
 GSE10273_HIGH_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_UP, GSE10273_HIGH_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_UP
 GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN2_THYMOCYTE_DN, GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN2_THYMOCYTE_DN
 GSE40274_CTRL_VS_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
 GSE45365_HEALTHY_VS_MCMV_INFECTION_CD11B_DC_IFNAR_KO_DN, GSE45365_HEALTHY_VS_MCMV_INFECTION_CD11B_DC_IFNAR_KO_DN
 GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN2_THYMOCYTE_ADULT_DN, GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN2_THYMOCYTE_ADULT_DN
 GSE16450_CTRL_VS_IFNA_12H_STIM_MATURE_NEURON_CELL_LINE_DN, GSE16450_CTRL_VS_IFNA_12H_STIM_MATURE_NEURON_CELL_LINE_DN
 GSE10239_KLRG1INT_VS_KLRG1HIGH_EFF_CD8_TCELL_DN, GSE10239_KLRG1INT_VS_KLRG1HIGH_EFF_CD8_TCELL_DN
GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_BCELL_DN, GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_BCELL_DN
/// GSE40655_FOXO1_KO_VS_WT_NTREG_DN, GSE40655_FOXO1_KO_VS_WT_NTREG_DN
/// GSE13547_2H_VS_12_H_ANTI_IGM_STIM_BCELL_UP, GSE13547_2H_VS_12_H_ANTI_IGM_STIM_BCELL_UP
 // GSE3337_CTRL_VS_16H_IFNG_IN_CD8POS_DC_DN, GSE3337_CTRL_VS_16H_IFNG_IN_CD8POS_DC_DN
/// GSE40274_CTRL_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_CTRL_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
/// GSE40666_WT_VS_STAT4_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_DN, GSE40666_WT_VS_STAT4_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_DN
  GSE17301 CTRL VS 48H ACD3 ACD28 IFNA2 STIM CD8 TCELL DN, GSE17301 CTRL VS 48H ACD3 ACD28 IFNA2 STIM CD8 TCELL DN
// GSE45365_HEALTHY_VS_MCMV_INFECTION_CD11B_DC_DN, GSE45365_HEALTHY_VS_MCMV_INFECTION_CD11B_DC_DN
 — GSE14308_TH17_VS_NATURAL_TREG_UP, GSE14308_TH17_VS_NATURAL_TREG_UP
  GSE1925_CTRL_VS_IFNG_PRIMED_MACROPHAGE_24H_IFNG_STIM_DN, GSE1925_CTRL_VS_IFNG_PRIMED_MACROPHAGE_24H_IFNG_STIM_DN
  GSE36888_UNTREATED_VS_IL2_TREATED_STAT5_AB_KNOCKIN_TCELL_17H_DN, GSE36888_UNTREATED_VS_IL2_TREATED_STAT5_AB_KNOCKIN_TCELL_17H_DN
  GSE23398_WT_VS_IL2_KO_CD4_TCELL_SCURFY_MOUSE_UP, GSE23398_WT_VS_IL2_KO_CD4_TCELL_SCURFY_MOUSE_UP
  GSE13306_TREG_VS_TCONV_DN, GSE13306_TREG_VS_TCONV_DN
\\\ GSE19941 IL10 KO VS IL10 KO AND NFKBP50 KO LPS AND IL10 STIM MACROPHAGE DN, GSE19941 IL10 KO VS IL10 KO AND NFKBP50 KO LPS AND IL10 STIM MACROPHAGE DN
  GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_DN, GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_DN
GSE15324 NAIVE VS ACTIVATED CD8 TCELL DN, GSE15324 NAIVE VS ACTIVATED CD8 TCELL DN
CSE20366_EX_VIVO_VS_DEC205_CONVERSION_NAIVE_CD4_TCELL_UP, GSE20366_EX_VIVO_VS_DEC205_CONVERSION_NAIVE_CD4_TCELL_UP
  GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_DN, GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_DN
  GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_2H_DN, GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_2H_DN
 GSE21360_SECONDARY_VS_TERTIARY_MEMORY_CD8_TCELL_DN, GSE21360_SECONDARY_VS_TERTIARY_MEMORY_CD8_TCELL_DN
 GSE5503_MLN_DC_VS_PLN_DC_ACTIVATED_ALLOGENIC_TCELL_UP, GSE5503_MLN_DC_VS_PLN_DC_ACTIVATED_ALLOGENIC_TCELL_UP
  GSE16451_IMMATURE_VS_MATURE_NEURON_CELL_LINE_WEST_EQUINE_ENC_VIRUS_UP, GSE16451_IMMATURE_VS_MATURE_NEURON_CELL_LINE_WEST_EQUINE_ENC_VIRUS_UP
 GSE2197_IMMUNOSUPPRESSIVE_DNA_VS_UNTREATEDIN_DC_DN, GSE2197_IMMUNOSUPPRESSIVE_DNA_VS_UNTREATEDIN_DC_DN
 GSE17301_ACD3_ACD28_VS_ACD3_ACD28_AND_IFNA5_STIM_CD8_TCELL_UP, GSE17301_ACD3_ACD28_VS_ACD3_ACD28_AND_IFNA5_STIM_CD8_TCELL_UP
 GSE17186_CD21LOW_VS_CD21HIGH_TRANSITIONAL_BCELL_DN, GSE17186_CD21LOW_VS_CD21HIGH_TRANSITIONAL_BCELL_DN
 GSE5542_IFNA_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_24H_DN, GSE5542_IFNA_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_24H_DN
 GSE45365_WT_VS_IFNAR_KO_BCELL_MCMV_INFECTION_DN, GSE45365_WT_VS_IFNAR_KO_BCELL_MCMV_INFECTION_DN
 GSE1448_CTRL_VS_ANTI_VALPHA2_DP_THYMOCYTE_UP, GSE1448_CTRL_VS_ANTI_VALPHA2_DP_THYMOCYTE_UP
 GSE7509_UNSTIM_VS_FCGRIIB_STIM_MONOCYTE_UP, GSE7509_UNSTIM_VS_FCGRIIB_STIM_MONOCYTE_UP
 GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_UP, GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_UP
 GSE11864 CSF1 VS CSF1 IFNG IN MAC DN, GSE11864 CSF1 VS CSF1 IFNG IN MAC DN
  GSE6259_33D1_POS_DC_VS_BCELL_DN, GSE6259_33D1_POS_DC_VS_BCELL_DN
 GSE26030_TH1_VS_TH17_DAY5_POST_POLARIZATION_UP, GSE26030_TH1_VS_TH17_DAY5_POST_POLARIZATION_UP
  GSE1432_CTRL_VS_IFNG_6H_MICROGLIA_DN, GSE1432_CTRL_VS_IFNG_6H_MICROGLIA_DN
  GSE27786_LSK_VS_BCELL_UP, GSE27786_LSK_VS_BCELL_UP
  GSE3982_DC_VS_MAC_LPS_STIM_DN, GSE3982_DC_VS_MAC_LPS_STIM_DN
  GSE17721_CTRL_VS_GARDIQUIMOD_1H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_1H_BMDC_UP
  GSE21379_WT_VS_SAP_KO_CD4_TCELL_DN, GSE21379_WT_VS_SAP_KO_CD4_TCELL_DN
  GSE36078_UNTREATED_VS_AD5_INF_MOUSE_LUNG_DC_DN, GSE36078_UNTREATED_VS_AD5_INF_MOUSE_LUNG_DC_DN
  GSE5142 CTRL VS_HTERT_TRANSDUCED_CD8_TCELL_EARLY_PASSAGE_CLONE_DN, GSE5142 CTRL_VS_HTERT_TRANSDUCED_CD8_TCELL_EARLY_PASSAGE_CLONE_DN
  GSE24142 ADULT VS FETAL EARLY THYMIC PROGENITOR DN, GSE24142 ADULT VS FETAL EARLY THYMIC PROGENITOR DN
  GSE21546_WT_VS_SAP1A_KO_ANTI_CD3_STIM_DP_THYMOCYTES_UP, GSE21546_WT_VS_SAP1A_KO_ANTI_CD3_STIM_DP_THYMOCYTES_UP
  GSE39022_LN_VS_SPLEEN_DC_UP, GSE39022_LN_VS_SPLEEN_DC_UP
  GSE36095_WT_VS_HDAC9_KO_TREG_UP, GSE36095_WT_VS_HDAC9_KO_TREG_UP
  GSE369_SOCS3_KO_VS_IFNG_KO_LIVER_DN, GSE369_SOCS3_KO_VS_IFNG_KO_LIVER_DN
  GSE36078_WT_VS_IL1R_KO_LUNG_DC_AFTER_AD5_T425A_HEXON_INF_UP, GSE36078_WT_VS_IL1R_KO_LUNG_DC_AFTER_AD5_T425A_HEXON_INF_UP
  GSE43955_TGFB_IL6_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_52H_DN, GSE43955_TGFB_IL6_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_52H_DN
  GSE32901_NAIVE_VS_TH1_CD4_TCELL_DN, GSE32901_NAIVE_VS_TH1_CD4_TCELL_DN
  GSE17580_TREG_VS_TEFF_UP, GSE17580_TREG_VS_TEFF_UP
  GSE19888_NO_PRETREAT_VS_ADENOSINE_A3R_INHIBITOR_PRETREATED_MAST_CELL_TCELL_MEMBRANES_ACT_UP, GSE19888_NO_PRETREAT_VS_ADENOSINE_A3R_INHIBITOR_PRETREATED_MAST_CELL_TCELL_MEMBRANES_ACT_UP
  GSE2405_HEAT_KILLED_LYSATE_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_24H_DN, GSE2405_HEAT_KILLED_LYSATE_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_24H_DN
  GSE11961_UNSTIM_VS_ANTI_IGM_AND_CD40_STIM_6H_FOLLICULAR_BCELL_UP, GSE11961_UNSTIM_VS_ANTI_IGM_AND_CD40_STIM_6H_FOLLICULAR_BCELL_UP
  GSE45365_WT_VS_IFNAR_KO_CD11B_DC_MCMV_INFECTION_DN, GSE45365_WT_VS_IFNAR_KO_CD11B_DC_MCMV_INFECTION_DN
  GSE6875_WT_VS_FOXP3_KO_TREG_DN, GSE6875_WT_VS_FOXP3_KO_TREG_DN
  TSANG_PBMC_FLUVIRIN_PANDEMRIX_ADULT_CORR_WITH_CELL_FREQ_CD27HI_CD38HI_CD20_NEG_PLASMABLASTS_AND_CD38PLUS_OF_IGD_CD2

TSANG_PBMC_FLUVIRIN_PANDEMRIX_ADULT_CORR_WITH_CELL_FREQ_CD27HI_CD38HI_CD20_NEG_PLASMABLASTS_AND_CD38PLUS_OF_IGD_CD2

TSANG_PBMC_FLUVIRIN_PANDEMRIX_ADULT_CORR_WITH_CELL_FREQ_CD27HI_CD38HI_CD20_NEG_PLASMABLASTS_AND_CD38PLUS_OF_IGD_CD2
  GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_6H_DN, GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_6H_DN
  GSE24142_ADULT_VS_FETAL_DN2_THYMOCYTE_DN, GSE24142_ADULT_VS_FETAL_DN2_THYMOCYTE_DN
  GSE36078_UNTREATED_VS_AD5_T425A_HEXON_INF_MOUSE_LUNG_DC_DN, GSE36078_UNTREATED_VS_AD5_T425A_HEXON_INF_MOUSE LUNG DC DN
  GSE8515_IL1_VS_IL6_4H_STIM_MAC_UP, GSE8515_IL1_VS_IL6_4H_STIM_MAC_UP
  GSE7219 WT_VS_NIK_NFKB2 KO_LPS_AND_ANTI_CD40 STIM_DC_UP, GSE7219 WT_VS_NIK_NFKB2_KO_LPS_AND_ANTI_CD40 STIM_DC_UP
  GSE5542_IFNA_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_24H_UP, GSE5542_IFNA_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_24H_UP
  GSE45365_WT_VS_IFNAR_KO_BCELL_DN, GSE45365_WT_VS_IFNAR_KO_BCELL_DN
  GSE41978_WT_VS_ID2_KO_AND_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_WT_VS_ID2_KO_AND_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP
  GSE2826_XID_VS_BTK_KO_BCELL_DN, GSE2826_XID_VS_BTK_KO_BCELL_DN
  GSE9509_10MIN_VS_30MIN_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_DN, GSE9509_10MIN_VS_30MIN_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_DN
  GSE1460_INTRATHYMIC_T_PROGENITOR_VS_DP_THYMOCYTE_UP, GSE1460_INTRATHYMIC_T_PROGENITOR_VS_DP_THYMOCYTE_UP
  GSE2405_HEAT_KILLED_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_9H_DN, GSE2405_HEAT_KILLED_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_9H_DN
  GSE3982_BCELL_VS_TH2_DN, GSE3982_BCELL_VS_TH2_DN
  GSE40274_CTRL_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_CTRL_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
  GSE22611_NOD2_TRANSD_VS_CTRL_TRANSD_HEK293_MDP_STIM_6H_UP, GSE22611_NOD2_TRANSD_VS_CTRL_TRANSD_HEK293_MDP_STIM_6H_UP
  GSE40184_HEALTHY_VS_HCV_INFECTED_DONOR_PBMC_UP, GSE40184_HEALTHY_VS_HCV_INFECTED_DONOR_PBMC_UP
  GSE14350_IL2RB_KO_VS_WT_TEFF_DN, GSE14350_IL2RB_KO_VS_WT_TEFF_DN
  GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_UP, GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_UP
  GSE40441_NRP1_POS_INDUCED_TREG_VS_NRP1_NEG_NATURAL_TREG_UP, GSE40441_NRP1_POS_INDUCED_TREG_VS_NRP1_NEG_NATURAL_TREG_UP
  GSE3982_DC_VS_MAC_DN, GSE3982_DC_VS_MAC_DN
  CAO_BLOOD_FLUMIST_AGE_05_14YO_1DY_UP, CAO_BLOOD_FLUMIST_AGE_05_14YO_1DY_UP
  GSE27786_BCELL_VS_CD4_TCELL_DN, GSE27786_BCELL_VS_CD4_TCELL_DN
  GSE360_L_DONOVANI_VS_M_TUBERCULOSIS_MAC_DN, GSE360_L_DONOVANI_VS_M_TUBERCULOSIS_MAC_DN
  GSE22935_WT_VS_MYD88_KO_MACROPHAGE_12H_MBOVIS_BCG_STIM_UP, GSE22935_WT_VS_MYD88_KO_MACROPHAGE_12H_MBOVIS_BCG_STIM_UP
  GSE32901_NAIVE_VS_TH17_NEG_CD4_TCELL_DN, GSE32901_NAIVE_VS_TH17_NEG_CD4_TCELL_DN
  GSE32901_NAIVE_VS_TH17_ENRICHED_CD4_TCELL_UP, GSE32901_NAIVE_VS_TH17_ENRICHED_CD4_TCELL_UP
  FOURATI_BLOOD_TWINRIX_AGE_65_81YO_RESPONDERS_VS_POOR_RESPONDERS_TRAINING_SET_0DY_NETWORK_INFERENCE_DN, FOURATI_BLOOD_TWINRIX_AGE_65_81YO_RESPONDERS_VS_POOR_RESPONDERS_TRAINING_SET_0DY_NETWORK_INFERENCE_DN
  HOFT_CD4_POSITIVE_ALPHA_BETA_MEMORY_T_CELL_BCG_VACCINE_AGE_18_45YO_7DY_UP, HOFT_CD4_POSITIVE_ALPHA_BETA_MEMORY_T_CELL_BCG_VACCINE_AGE_18_45YO_7DY_UP
  ANDERSON BLOOD CN54GP140 ADJUVANTED WITH GLA AF AGE 18 45YO HIGH IGM RESPONDERS 3DY 7D DN, ANDERSON BLOOD CN54GP140 ADJUVANTED WITH GLA AF AGE 18 45YO HIGH IGM RESPONDERS 3DY 7D DN
  HOEK_MONOCYTE_2011_2012_TIV_ADULT_3DY_DN, HOEK_MONOCYTE_2011_2012_TIV_ADULT_3DY_DN
  GSE10147_IL3_VS_IL3_AND_CPG_STIM_PDC_UP, GSE10147_IL3_VS_IL3_AND_CPG_STIM_PDC_UP
  FOURATI_BLOOD_TWINRIX_AGE_65_81Y0_RESPONDERS_VS_POOR_RESPONDERS_TRAINING_SET_0DY_NETWORK_INFERENCE_UP, FOURATI_BLOOD_TWINRIX_AGE_65_81Y0_RESPONDERS_TRAINING_SET_0DY_NETWORK_INFERENCE_UP
  DHIMAN_PBMC_ATTENUVAX_AGE_15_25YO_SUBQ_7_OR_14DY_DN, DHIMAN_PBMC_ATTENUVAX_AGE_15_25YO_SUBQ_7_OR_14DY_DN
  HOEK_B_CELL_2011_2012_TIV_ADULT_1DY_UP, HOEK_B_CELL_2011_2012_TIV_ADULT_1DY_UP
  GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_MDC_DN, GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_MDC_DN
  CAO_BLOOD_FLUMIST_AGE_05_14YO_7DY_UP, CAO_BLOOD_FLUMIST_AGE_05_14YO_7DY_UP
  GSE2585 CTEC VS THYMIC DC UP, GSE2585 CTEC VS THYMIC DC UP
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GSE15930_NAIVE_VS_24H_IN_VITRO_STIM_INFAB_CD8_TCELL_DN, GSE15930_NAIVE_VS_24H_IN_VITRO_STIM_INFAB_CD8_TCELL_DN

AND_ROSIGLITAZONE_TREATED_DC_UP, GSE5679_CTRL_VS_PPARG_LIGAND_ROSIGLITAZONE_TREATED_DC_UP