GSE19888_CTRL_VS_T_CELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_CTRL_VS_T_CELL_MEMBRANES_ACT_MAST_CELL_UP GSE20727_CTRL_VS_ROS_INHIBITOR_TREATED_DC_UP, GSE20727_CTRL_VS_ROS_INHIBITOR_TREATED_DC_UP GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_UP, GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_UP GSE39022_LN_VS_SPLEEN_DC_DN, GSE39022_LN_VS_SPLEEN_DC_DN S_IL33_IL7_TREATED_NUOCYTES_DN, GSE25890_CTRL_VS_IL33_IL7_TREATED_NUOCYTES_DN

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GSE5503_PLN_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_DN, GSE5503_PLN_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_DN
 GSE27786_CD4_TCELL_VS_MONO_MAC_UP, GSE27786_CD4_TCELL_VS_MONO_MAC_UP
 GSE20198 IL12 VS IL12 IL18 TREATED ACT CD4 TCELL UP, GSE20198 IL12 VS IL12 IL18 TREATED ACT CD4 TCELL UP
 GSE20198_IL12_VS_IFNA_TREATED_ACT_CD4_TCELL_UP, GSE20198_IL12_VS_IFNA_TREATED_ACT_CD4_TCELL_UP
 GSE27786_BCELL_VS_CD8_TCELL_UP, GSE27786_BCELL_VS_CD8_TCELL_UP
 GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_6H_DN, GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_6H_DN
 GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_UP, GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_UP
 GSE9037_CTRL_VS_LPS_1H_STIM_IRAK4_KO_BMDM_UP, GSE9037_CTRL_VS_LPS_1H_STIM_IRAK4_KO_BMDM_UP
 GSE34515_CD16_POS_MONOCYTE_VS_DC_UP, GSE34515_CD16_POS_MONOCYTE_VS_DC_UP
 GSE20198_UNTREATED_VS_IL12_IL18_TREATED_ACT_CD4_TCELL_DN, GSE20198_UNTREATED_VS_IL12_IL18_TREATED_ACT_CD4_TCELL_DN
 GSE14308_INDUCED_VS_NATURAL_TREG_DN, GSE14308_INDUCED_VS_NATURAL_TREG_DN
 GSE8621_UNSTIM_VS_LPS_STIM_MACROPHAGE_DN, GSE8621_UNSTIM_VS_LPS_STIM_MACROPHAGE_DN
 GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_8H_UP, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_8H_UP
 GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_48H_DN, GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_48H_DN
 GSE17721_POLYIC_VS_CPG_1H_BMDC_UP, GSE17721_POLYIC_VS_CPG_1H_BMDC_UP
 SCHERER_PBMC_APSV_WETVAX_AGE_18_32YO_50_TO_60DY_UP, SCHERER_PBMC_APSV_WETVAX_AGE_18_32YO_50_TO_60DY_UP
 GSE9037_WT_VS_IRAK4_KO_LPS_4H_STIM_BMDM_UP, GSE9037_WT_VS_IRAK4_KO_LPS_4H_STIM_BMDM_UP
 GSE5503_LIVER_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_DN, GSE5503_LIVER_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_DN
 GSE8921 UNSTIM VS TLR1 2 STIM MONOCYTE 3H DN, GSE8921 UNSTIM VS TLR1 2 STIM MONOCYTE 3H DN
 GSE15330_WT_VS_IKAROS_KO_LYMPHOID_MULTIPOTENT_PROGENITOR_DN, GSE15330_WT_VS_IKAROS_KO_LYMPHOID_MULTIPOTENT_PROGENITOR_DN
 GSE17721_PAM3CSK4_VS_CPG_8H_BMDC_DN, GSE17721_PAM3CSK4_VS_CPG_8H_BMDC_DN
 GSE9037_CTRL_VS_LPS_4H_STIM_BMDM_DN, GSE9037_CTRL_VS_LPS_4H_STIM_BMDM_DN
 GSE5679_CTRL_VS_RARA_AGONIST_AM580_TREATED_DC_DN, GSE5679_CTRL_VS_RARA_AGONIST_AM580_TREATED_DC_DN
 GSE14415_ACT_VS_CTRL_NATURAL_TREG_DN, GSE14415_ACT_VS_CTRL_NATURAL_TREG_DN
 GSE26669_CTRL_VS_COSTIM_BLOCK_MLR_CD4_TCELL_DN, GSE26669_CTRL_VS_COSTIM_BLOCK_MLR_CD4_TCELL_DN
  GSE37301_HEMATOPOIETIC_STEM_CELL_VS_RAG2_KO_NK_CELL_DN, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_RAG2_KO_NK_CELL_DN
 GSE1925_3H_VS_24H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_UP, GSE1925_3H_VS_24H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_UP
 GSE33425_CD161_HIGH_VS_NEG_CD8_TCELL_UP, GSE33425_CD161_HIGH_VS_NEG_CD8_TCELL_UP
 GSE17721_0.5H_VS_8H_GARDIQUIMOD_BMDC_DN, GSE17721_0.5H_VS_8H_GARDIQUIMOD_BMDC_DN
 GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_12H_DN, GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_12H_DN
 GSE37301_MULTIPOTENT_PROGENITOR_VS_CD4_TCELL_UP, GSE37301_MULTIPOTENT_PROGENITOR_VS_CD4_TCELL_UP
 GSE14769_UNSTIM_VS_360MIN_LPS_BMDM_DN, GSE14769_UNSTIM_VS_360MIN_LPS_BMDM_DN
 GSE23505_IL6_IL1_VS_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP, GSE23505_IL6_IL1_VS_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP
 GSE14308_TH17_VS_NATURAL_TREG_DN, GSE14308_TH17_VS_NATURAL_TREG_DN
 GSE11961_MARGINAL_ZONE_BCELL_VS_GERMINAL_CENTER_BCELL_DAY7_UP, GSE11961_MARGINAL_ZONE_BCELL_VS_GERMINAL_CENTER_BCELL_DAY7_UP
 GSE12845_IGD_NEG_BLOOD_VS_NAIVE_TONSIL_BCELL_DN, GSE12845_IGD_NEG_BLOOD_VS_NAIVE_TONSIL_BCELL_DN
 GSE13547 2H VS 12 H ANTI IGM STIM ZFX KO BCELL UP, GSE13547 2H VS 12 H ANTI IGM STIM ZFX KO BCELL UP
 GSE17721_PAM3CSK4_VS_GADIQUIMOD_8H_BMDC_DN, GSE17721_PAM3CSK4_VS_GADIQUIMOD_8H_BMDC_DN
 GSE14308_INDUCED_VS_NATURAL_TREG_UP, GSE14308_INDUCED_VS_NATURAL_TREG_UP
 GSE14308_TH2_VS_TH17_DN, GSE14308_TH2_VS_TH17_DN
 GSE9037 WT VS IRAK4 KO LPS 1H STIM BMDM UP, GSE9037 WT VS IRAK4 KO LPS 1H STIM BMDM UP
GSE32164_RESTING_DIFFERENTIATED_VS_CMYC_INHIBITED_MACROPHAGE_UP, GSE32164_RESTING_DIFFERENTIATED_VS_CMYC_INHIBITED_MACROPHAGE_UP
 GSE13547 WT VS ZFX KO BCELL ANTI IGM STIM 2H DN, GSE13547 WT VS ZFX KO BCELL ANTI IGM STIM 2H DN
 GSE14415_FOXP3_KO_NATURAL_TREG_VS_TCONV_UP, GSE14415_FOXP3_KO_NATURAL_TREG_VS_TCONV_UP
 GSE32423 CTRL VS IL7 IL4 MEMORY CD8 TCELL UP, GSE32423 CTRL VS IL7 IL4 MEMORY CD8 TCELL UP
 GSE1460 DP THYMOCYTE VS THYMIC STROMAL CELL UP, GSE1460 DP THYMOCYTE VS THYMIC STROMAL CELL UP
 GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP, GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP
 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
 GSE7548_NAIVE_VS_DAY28_PCC_IMMUNIZATION_CD4_TCELL_UP, GSE7548_NAIVE_VS_DAY28_PCC_IMMUNIZATION_CD4_TCELL_UP
GSE21927_SPLEEN_VS_4T1_TUMOR_MONOCYTE_BALBC_UP, GSE21927_SPLEEN_VS_4T1_TUMOR_MONOCYTE_BALBC_UP
 GSE17721_LPS_VS_CPG_6H_BMDC_UP, GSE17721_LPS_VS_CPG_6H_BMDC_UP
 GSE6875 TCONV VS FOXP3 KO TREG UP, GSE6875 TCONV VS FOXP3 KO TREG UP
 GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN, GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN
 GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MACROPHAGE_UP, GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MACROPHAGE_UP
 GSE6269_STAPH_AUREUS_VS_STREP_PNEUMO_INF_PBMC_DN, GSE6269_STAPH_AUREUS_VS_STREP_PNEUMO_INF_PBMC_DN
GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_UP, GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_UP
 GSE22886_IGA_VS_IGM_MEMORY_BCELL_UP, GSE22886_IGA_VS_IGM_MEMORY_BCELL_UP
GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_UP, GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_UP
 GSE14415_INDUCED_VS_NATURAL_TREG_UP, GSE14415_INDUCED_VS_NATURAL_TREG_UP
 GSE14308_TH1_VS_NAIVE_CD4_TCELL_DN, GSE14308_TH1_VS_NAIVE_CD4_TCELL_DN
 HIPC_SIGNATURES_PROJECT_PBMC_TRIVALENT_INFLUENZA_VACCINE_HIGH_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VOUNGER_ADULTS_PROJECT_PBMC_TRIVALENT_INFLUENZA_VACCINE_HIGH_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_
 CAO_BLOOD_FLUMIST_AGE_05_14YO_1DY_UP, CAO_BLOOD_FLUMIST_AGE_05_14YO_1DY_UP
 GSE22935_UNSTIM_VS_48H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_DN, GSE22935_UNSTIM_VS_48H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_DN
 ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_3DY_UP, ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_3DY_UP
 GSE3982_MAC_VS_NKCELL_DN, GSE3982_MAC_VS_NKCELL_DN
 ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_7DY_UP, ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_7DY_UP
 GSE40184_HEALTHY_VS_HCV_INFECTED_DONOR_PBMC_UP, GSE40184_HEALTHY_VS_HCV_INFECTED_DONOR_PBMC_UP
 GSE26488_HDAC7_KO_VS_VP16_TRANSGENIC_HDAC7_KO_DOUBLE_POSITIVE_THYMOCYTE_DN, GSE26488_HDAC7_KO_VS_VP16_TRANSGENIC_HDAC7_KO_DOUBLE_POSITIVE_THYMOCYTE_DN
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