```
GSE46468 LUNG INNATE LYMPHOID CELL VS SPLEEN CD4 TCELL DN, GSE46468 LUNG INNATE LYMPHOID CELL VS SPLEEN CD4 TCELL DN
GSE41867 NAIVE VS DAY15 LCMV EFFECTOR CD8 TCELL DN, GSE41867 NAIVE VS DAY15 LCMV EFFECTOR CD8 TCELL DN
GSE17974_1.5H_VS_72H_IL4_AND_ANTI_IL12_ACT_CD4_TCELL_UP, GSE17974_1.5H_VS_72H_IL4_AND_ANTI_IL12_ACT_CD4_TCELL_UP
GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_VS_A3R_INH_AND_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_VS A3R_INH_AND_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_INH_AND_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_INH_AND_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_AND_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_AND_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_AND_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_AND_TCELL_AST_GRANAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_AND_TCELL_AST_GRANAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_AND_TCELL_AST_GRANAST_CELL_UP, GSE1988_ADENOSINE_A3R_INH_AND_TCELL_AST_GRANAST_CELL_UP, GSE1988_ADENOSINE_A3R_INH_AND_TCELL_AST_GRANAST_CELL_UP, GSE1988_ADENOSINE_A3R_INH_AND_TCELL_AST_GRANAST_CELL_AST_GRANAST_CELL_AST_GRANAST_CELL_AST_GRANAST_CELL_AST_GRANAST_CELL_AST_GRANAST_CELL_AST_GRANAST_CELL_AST_GRANAST_CELL_AST_G
GSE32533_WT_VS_MIR17_OVEREXPRESS_ACT_CD4_TCELL_UP, GSE32533_WT_VS_MIR17_OVEREXPRESS_ACT_CD4_TCELL_UP
GSE28408_LY6G_POS_VS_NEG_DC_UP, GSE28408_LY6G_POS_VS_NEG_DC_UP
GSE13411 NAIVE BCELL VS PLASMA CELL UP, GSE13411 NAIVE BCELL VS PLASMA CELL UP
GSE37301_LYMPHOID_PRIMED_MPP_VS_GRAN_MONO_PROGENITOR_UP, GSE37301_LYMPHOID_PRIMED_MPP_VS_GRAN_MONO_PROGENITOR_UP
GSE15330_HSC_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP, GSE15330_HSC_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP
GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_2H_DN, GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_2H_DN
GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_8H_UP, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_8H_UP
GSE26343_UNSTIM_VS_LPS_STIM_MACROPHAGE_UP, GSE26343_UNSTIM_VS_LPS_STIM_MACROPHAGE_UP
GSE44649_WT_VS_MIR155_KO_ACTIVATED_CD8_TCELL_UP, GSE44649_WT_VS_MIR155_KO_ACTIVATED_CD8_TCELL_UP
GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_3H_DN, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_3H_DN
GSE17974 CTRL VS ACT IL4 AND ANTI IL12 24H CD4 TCELL UP, GSE17974 CTRL VS ACT IL4 AND ANTI IL12 24H CD4 TCELL UP
GSE11386_NAIVE_VS_MEMORY_BCELL_DN, GSE11386_NAIVE_VS_MEMORY_BCELL_DN
GSE22033_UNTREATED_VS_ROSIGLITAZONE_TREATED_MEF_DN, GSE22033_UNTREATED_VS_ROSIGLITAZONE_TREATED_MEF_DN
GSE1460_INTRATHYMIC_T_PROGENITOR_VS_CD4_THYMOCYTE_DN, GSE1460_INTRATHYMIC_T_PROGENITOR_VS_CD4_THYMOCYTE_DN
GSE31082_DP_VS_CD4_SP_THYMOCYTE_DN, GSE31082_DP_VS_CD4_SP_THYMOCYTE_DN
GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN
GSE23925_DARK_ZONE_VS_NAIVE_BCELL_DN, GSE23925_DARK_ZONE_VS_NAIVE_BCELL_DN
GSE36476_YOUNG_VS_OLD_DONOR_MEMORY_CD4_TCELL_72H_TSST_ACT_DN, GSE36476_YOUNG_VS_OLD_DONOR_MEMORY_CD4_TCELL_72H_TSST_ACT_DN
ERB2_UP.V1_DN, ERB2_UP.V1_DN
GSE29618_BCELL_VS_PDC_DAY7_FLU_VACCINE_UP, GSE29618_BCELL_VS_PDC_DAY7_FLU_VACCINE_UP
GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_DN, GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_DN
GSE9988_ANTI_TREM1_VS_ANTI_TREM1_AND_LPS_MONOCYTE_DN, GSE9988_ANTI_TREM1_VS_ANTI_TREM1_AND_LPS_MONOCYTE_DN
GSE12845_NAIVE_VS_DARKZONE_GC_TONSIL_BCELL_UP, GSE12845_NAIVE_VS_DARKZONE_GC_TONSIL_BCELL_UP
GSE7348_UNSTIM_VS_LPS_STIM_MACROPHAGE_DN, GSE7348_UNSTIM_VS_LPS_STIM_MACROPHAGE_DN
GSE2706_UNSTIM_VS_2H_LPS_DC_DN, GSE2706_UNSTIM_VS_2H_LPS_DC_DN
GSE7460_WT_VS_FOXP3_HET_ACT_WITH_TGFB_TCONV_UP, GSE7460_WT_VS_FOXP3_HET_ACT_WITH_TGFB_TCONV_UP
GSE10325_LUPUS_CD4_TCELL_VS_LUPUS_BCELL_UP, GSE10325_LUPUS_CD4_TCELL_VS_LUPUS_BCELL_UP
GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_17H_UP, GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_17H_UP
GSE22886_NAIVE_CD4_TCELL_VS_MONOCYTE_UP, GSE22886_NAIVE_CD4_TCELL_VS_MONOCYTE_UP
GO_REGULATION_OF_LEUKOCYTE_APOPTOTIC_PROCESS, GO_REGULATION_OF_LEUKOCYTE_APOPTOTIC_PROCESS
GSE15750_DAY6_VS_DAY10_TRAF6KO_EFF_CD8_TCELL_DN, GSE15750_DAY6_VS_DAY10_TRAF6KO_EFF_CD8_TCELL_DN
GSE1460_INTRATHYMIC_T_PROGENITOR_VS_DP_THYMOCYTE_DN, GSE1460_INTRATHYMIC_T_PROGENITOR_VS_DP_THYMOCYTE_DN
GSE7219_UNSTIM_VS_LPS_AND_ANTI_CD40_STIM_DC_UP, GSE7219_UNSTIM_VS_LPS_AND_ANTI_CD40_STIM_DC_UP
 GSE15324_NAIVE_VS_ACTIVATED_CD8_TCELL_DN, GSE15324_NAIVE_VS_ACTIVATED_CD8_TCELL_DN
GSE1432_1H_VS_24H_IFNG_MICROGLIA_UP, GSE1432_1H_VS_24H_IFNG_MICROGLIA_UP
GSE7219_WT_VS_NIK_NFKB2_KO_DC_DN, GSE7219_WT_VS_NIK_NFKB2_KO_DC_DN
GO RNA METHYLATION, GO RNA METHYLATION
GSE10325 BCELL VS MYELOID UP, GSE10325 BCELL VS MYELOID UP
 GSE25087_FETAL_VS_ADULT_TREG_DN, GSE25087_FETAL_VS_ADULT_TREG_DN
 GSE29618 BCELL VS MDC DAY7 FLU VACCINE UP, GSE29618 BCELL VS MDC DAY7 FLU VACCINE UP
 GSE43863_LY6C_INT_CXCR5POS_VS_LY6C_LOW_CXCR5NEG_EFFECTOR_CD4_TCELL_DN, GSE43863_LY6C_INT_CXCR5POS_VS_LY6C_LOW_CXCR5NEG_EFFECTOR_CD4_TCELL_DN
 GSE3982_DC_VS_CENT_MEMORY_CD4_TCELL_DN, GSE3982_DC_VS_CENT_MEMORY_CD4_TCELL_DN
 VANHARANTA_UTERINE_FIBROID_WITH_7Q_DELETION_UP, VANHARANTA_UTERINE_FIBROID_WITH_7Q_DELETION_UP
 GSE22886_NAIVE_CD4_TCELL_VS_NKCELL_UP, GSE22886_NAIVE_CD4_TCELL_VS_NKCELL_UP
 GSE19401_RETINOIC_ACID_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_UP, GSE19401_RETINOIC_ACID_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_UP
 GSE17721_CTRL_VS_LPS_1H_BMDC_DN, GSE17721_CTRL_VS_LPS_1H_BMDC_DN
 GSE21033_1H_VS_24H_POLYIC_STIM_DC_UP, GSE21033_1H_VS_24H_POLYIC_STIM_DC_UP
 GSE2706_UNSTIM_VS_8H_LPS_AND_R848_DC_DN, GSE2706_UNSTIM_VS_8H_LPS_AND_R848_DC_DN
 ACACTGG_MIR199A_MIR199B, ACACTGG_MIR199A_MIR199B
GO_RRNA_MODIFICATION, GO_RRNA_MODIFICATION
GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_2H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_2H_DN
GSE18804_SPLEEN_MACROPHAGE_VS_TUMORAL_MACROPHAGE_UP, GSE18804_SPLEEN_MACROPHAGE_VS_TUMORAL_MACROPHAGE_UP
GO_HEPATICOBILIARY_SYSTEM_DEVELOPMENT, GO_HEPATICOBILIARY_SYSTEM_DEVELOPMENT
 CHEOK_RESPONSE_TO_HD_MTX_DN, CHEOK_RESPONSE_TO_HD_MTX_DN
 MODULE_301, MODULE_301
 MODULE_361, MODULE_361
 GSE29618_PRE_VS_DAY7_FLU_VACCINE_MDC_UP, GSE29618_PRE_VS_DAY7_FLU_VACCINE_MDC_UP
 GOTTWEIN_TARGETS_OF_KSHV_MIR_K12_11, GOTTWEIN_TARGETS_OF_KSHV_MIR_K12_11
 GSE17721_PAM3CSK4_VS_CPG_2H_BMDC_DN, GSE17721_PAM3CSK4_VS_CPG_2H_BMDC_DN
 GSE2706_LPS_VS_R848_AND_LPS_8H_STIM_DC_DN, GSE2706_LPS_VS_R848_AND_LPS_8H_STIM_DC_DN
 GNF2_CD33, GNF2_CD33
 GSE36891_UNSTIM_VS_POLYIC_TLR3_STIM_PERITONEAL_MACROPHAGE_UP, GSE36891_UNSTIM_VS_POLYIC_TLR3_STIM_PERITONEAL_MACROPHAGE_UP
 GSE22886_IGA_VS_IGM_MEMORY_BCELL_DN, GSE22886_IGA_VS_IGM_MEMORY_BCELL_DN
 GSE39820_IL1B_IL6_VS_IL1B_IL6_IL23A_TREATED_CD4_TCELL_DN, GSE39820_IL1B_IL6_VS_IL1B_IL6_IL23A_TREATED_CD4_TCELL_DN
TGFB_UP.V1_DN, TGFB_UP.V1_DN
 GSE41978_KLRG1_HIGH_VS_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_KLRG1_HIGH_VS_LOW_EFFECTOR_CD8_TCELL_UP
 GSE6566_STRONG_VS_WEAK_DC_STIMULATED_CD4_TCELL_DN, GSE6566_STRONG_VS_WEAK_DC_STIMULATED_CD4_TCELL_DN
GO_FACE_DEVELOPMENT, GO_FACE_DEVELOPMENT
GO_REGULATION_OF_CELL_SIZE, GO_REGULATION_OF_CELL_SIZE
MODULE_145, MODULE_145
GO_POSITIVE_REGULATION_OF_BEHAVIOR, GO_POSITIVE_REGULATION_OF_BEHAVIOR
GSE28783_CTRL_ANTI_MIR_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN, GSE28783_CTRL_ANTI_MIR_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN
KLEIN_PRIMARY_EFFUSION_LYMPHOMA_DN, KLEIN_PRIMARY_EFFUSION_LYMPHOMA_DN
GO_REGULATION_OF_TUMOR_NECROSIS_FACTOR_SUPERFAMILY_CYTOKINE_PRODUCTION, GO_REGULATION_OF_TUMOR_NECROSIS_FACTOR_SUPERFAMILY_CYTOKINE_PRODUCTION
GO_CARDIAC_MUSCLE_TISSUE_MORPHOGENESIS, GO_CARDIAC_MUSCLE_TISSUE_MORPHOGENESIS
GO_CARDIAC_MUSCLE_TISSUE_DEVELOPMENT, GO_CARDIAC_MUSCLE_TISSUE_DEVELOPMENT
GSE20715_0H_VS_6H_OZONE_LUNG_DN, GSE20715_0H_VS_6H_OZONE_LUNG_DN
GO_CELLULAR_RESPONSE_TO_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_STIMULUS, GO_CELLULAR_RESPONSE_TO_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_STIMULUS
GO_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION, GO_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION
GO_REGULATION_OF_WOUND_HEALING, GO_REGULATION_OF_WOUND_HEALING
LEE_NAIVE_T_LYMPHOCYTE, LEE_NAIVE_T_LYMPHOCYTE
GSE13306_RA_VS_UNTREATED_TREG_DN, GSE13306_RA_VS_UNTREATED_TREG_DN
GSE28783_ANTI_MIR33_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN, GSE28783_ANTI_MIR33_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN
GO_REGULATION_OF_HISTONE_H4_ACETYLATION, GO_REGULATION_OF_HISTONE_H4_ACETYLATION
ROETH_TERT_TARGETS_UP, ROETH_TERT_TARGETS_UP
GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_IFNAB_CD8_TCELL_UP, GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_IFNAB_CD8_TCELL_UP
GRADE_COLON_AND_RECTAL_CANCER_DN, GRADE_COLON_AND_RECTAL_CANCER_DN
GSE9946_IMMATURE_VS_PROSTAGLANDINE2_TREATED_MATURE_DC_UP, GSE9946_IMMATURE_VS_PROSTAGLANDINE2_TREATED_MATURE_DC_UP
GSE21063 CTRL VS ANTI IGM STIM BCELL 8H UP, GSE21063 CTRL VS ANTI IGM STIM BCELL 8H UP
GO_PLATELET_DERIVED_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY, GO_PLATELET_DERIVED_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY
GSE1460_INTRATHYMIC_T_PROGENITOR_VS_NAIVE_CD4_TCELL_CORD_BLOOD_DN, GSE1460_INTRATHYMIC_T_PROGENITOR_VS_NAIVE_CD4_TCELL_CORD_BLOOD_DN
SIMBULAN_UV_RESPONSE_IMMORTALIZED_DN, SIMBULAN_UV_RESPONSE_IMMORTALIZED_DN
GO_MUSCLE_ORGAN_MORPHOGENESIS, GO_MUSCLE_ORGAN_MORPHOGENESIS
GSE2706_R848_VS_LPS_2H_STIM_DC_DN, GSE2706_R848_VS_LPS_2H_STIM_DC_DN
GO_POSITIVE_REGULATION_OF_ENDOTHELIAL_CELL_PROLIFERATION, GO_POSITIVE_REGULATION_OF_ENDOTHELIAL_CELL_PROLIFERATION
STOSSI_RESPONSE_TO_ESTRADIOL, STOSSI_RESPONSE_TO_ESTRADIOL
SCHMAHL_PDGF_SIGNALING, SCHMAHL_PDGF_SIGNALING
GTTNYYNNGGTNA_UNKNOWN, GTTNYYNNGGTNA_UNKNOWN
FIGUEROA AML METHYLATION CLUSTER 3 DN, FIGUEROA AML METHYLATION CLUSTER 3 DN
GO_REGULATION_OF_GLIAL_CELL_PROLIFERATION, GO_REGULATION_OF_GLIAL_CELL_PROLIFERATION
GO_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_ACTIVATION, GO_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_ACTIVATION
GO_REGULATION_OF_T_CELL_MEDIATED_CYTOTOXICITY, GO_REGULATION_OF_T_CELL_MEDIATED_CYTOTOXICITY
chr15g26, chr15g26
GSE33513_TCF7_KO_VS_HET_EARLY_THYMIC_PROGENITOR_UP, GSE33513_TCF7_KO_VS_HET_EARLY_THYMIC_PROGENITOR_UP
BROWNE_HCMV_INFECTION_1HR_UP, BROWNE_HCMV_INFECTION_1HR_UP
```

72H_IL4_AND_ANTI_IL12_ACT_CD4_TCELL_UP, GSE17974_2.5H_VS_72H_IL4_AND_ANTI_IL12_ACT_CD4_TCELL_UP