

S_DP_THYMOCYTE_DN, GSE31082_DN_VS_DP_THYMOCYTE_DN

GSE41867_NAIVE_VS_DAY30_LCMV_CLONE13_EXHAUSTED_CD8_TCELL_DN
GSE21670_UNTREATED_VS_IL6_TREATED_CD4_TCELL_DN, GSE21670_UNTREATED_VS_IL6_TREATED_CD4_TCELL_DN
GSE6259_FLT3L_INDUCED_33D1_POS_DC_VS_BCELL_DN, GSE6259_FLT3L_INDUCED_33D1_POS_DC_VS_BCELL_DN
GSE17186_BLOOD_VS_CORD_BLOOD_CD21LOW_TRANSITIONAL_BCELL_UP, GSE17186_BLOOD_VS_CORD_BLOOD_CD21LOW_TRANSITIONAL_BCELL_UP
GSE14308_INDUCED_VS_NATURAL_TREG_DN, GSE14308_INDUCED_VS_NATURAL_TREG_DN
GSE31082_DN_VS_CD8_SP_THYMOCYTE_DN, GSE31082_DN_VS_CD8_SP_THYMOCYTE_DN
GSE27786_LIN_NEG_VS_NKCELL_DN, GSE27786_LIN_NEG_VS_NKCELL_DN
GSE43863_TH1_VS_TFH_EFFECTOR_CD4_TCELL_DN, GSE43863_TH1_VS_TFH_EFFECTOR_CD4_TCELL_DN
GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY8_EFFECTOR_CD8_TCELL_UP, GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY8_EFFECTOR_CD8_TCELL_UP
GSE369_SOCS3_KO_VS_WT_LIVER_DN, GSE369_SOCS3_KO_VS_WT_LIVER_DN
GSE17186_CD21LOW_VS_CD21HIGH_TRANSITIONAL_BCELL_CORD_BLOOD_DN, GSE17186_CD21LOW_VS_CD21HIGH_TRANSITIONAL_BCELL_CORD_BLOOD_DN
GSE40068_CXCR5POS_BCL6POS_TFH_VS_CXCR5NEG_BCL6NEG_CD4_TCELL_UP, GSE40068_CXCR5POS_BCL6POS_TFH_VS_CXCR5NEG_BCL6NEG_CD4_TCELL_UP
GSE37301_CD4_TCELL_VS_RAG2_KO_NK_CELL_DN, GSE37301_CD4_TCELL_VS_RAG2_KO_NK_CELL_DN
GSE31082_CD4_VS_CD8_SP_THYMOCYTE_UP, GSE31082_CD4_VS_CD8_SP_THYMOCYTE_UP
GSE27896_HDAC6_KO_VS_WT_TREG_UP, GSE27896_HDAC6_KO_VS_WT_TREG_UP
GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_VS_A3R_INH_AND_TCELL_MEMBRANES_ACT_MAST_CELL_DN, GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_VS_A3R_INH_AND_TCELL_MEMBRANES_ACT_MAST_CELL_DN
GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_DN, GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_DN
GSE7764_IL15_NK_CELL_24H_VS_SPLENOCYTE_DN, GSE7764_IL15_NK_CELL_24H_VS_SPLENOCYTE_DN
GSE17301_CTRL_VS_48H_ACD3_ACD28_IFNA5_STIM_CD8_TCELL_UP, GSE17301_CTRL_VS_48H_ACD3_ACD28_IFNA5_STIM_CD8_TCELL_UP
GSE19825_CD24LOW_VS_IL2RA_HIGH_DAY3_EFF_CD8_TCELL_UP, GSE19825_CD24LOW_VS_IL2RA_HIGH_DAY3_EFF_CD8_TCELL_UP
GSE11924_TFH_VS_TH1_CD4_TCELL_UP, GSE11924_TFH_VS_TH1_CD4_TCELL_UP
GSE15271_CXCR4_POS_VS_NEG_GC_BCELL_DN, GSE15271_CXCR4_POS_VS_NEG_GC_BCELL_DN
GOLDRATH_NAIVE_VS_EFF_CD8_TCELL_UP, GOLDRATH_NAIVE_VS_EFF_CD8_TCELL_UP
GSE24210_CTRL_VS_IL35_TREATED_TCONV_CD4_TCELL_UP, GSE24210_CTRL_VS_IL35_TREATED_TCONV_CD4_TCELL_UP
GSE12366_PLASMA_CELL_VS_NAIVE_BCELL_DN, GSE12366_PLASMA_CELL_VS_NAIVE_BCELL_DN
GSE25123_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DAY10_DN, GSE25123_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DAY10_DN
GSE5503_LIVER_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_DN, GSE5503_LIVER_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_DN
GSE3920_IFNA_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_IFNA_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP
GSE17186_NAIVE_VS_CD21LOW_TRANSITIONAL_BCELL_DN, GSE17186_NAIVE_VS_CD21LOW_TRANSITIONAL_BCELL_DN
GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_24H_DN, GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_24H_DN
GSE40666_NAIVE_VS_EFFECTOR_CD8_TCELL_UP, GSE40666_NAIVE_VS_EFFECTOR_CD8_TCELL_UP
GSE32901_TH17_EMRICHD_VS_TH17_NEG_CD4_TCELL_DN, GSE32901_TH17_EMRICHD_VS_TH17_NEG_CD4_TCELL_DN
GSE9650_NAIVE_VS_EXHAUSTED_CD8_TCELL_UP, GSE9650_NAIVE_VS_EXHAUSTED_CD8_TCELL_UP
GSE43863_TH1_VS_LY6C_INT_CXCR5POS_EFFECTOR_CD4_TCELL_DN, GSE43863_TH1_VS_LY6C_INT_CXCR5POS_EFFECTOR_CD4_TCELL_DN
GSE25088_WT_VS_STAT6_KO_MACROPHAGE_IL4_STIM_UP, GSE25088_WT_VS_STAT6_KO_MACROPHAGE_IL4_STIM_UP
GSE40666_WT_VS_STAT4_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_UP, GSE40666_WT_VS_STAT4_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_UP
GNF2_PTPRC, GNF2_PTPRC
GSE40666_WT_VS_STAT1_KO_CD8_TCELL_UP, GSE40666_WT_VS_STAT1_KO_CD8_TCELL_UP
GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_12H_DN, GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_12H_DN
GSE8685_IL2_STARVED_VS_IL21_ACT_IL2_STARVED_CD4_TCELL_DN, GSE8685_IL2_STARVED_VS_IL21_ACT_IL2_STARVED_CD4_TCELL_DN
GSE46606_UNSTIM_VS_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP, GSE46606_UNSTIM_VS_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP
GSE17721_POLYIC_VS_GARDIQUIMOD_16H_BMDC_UP, GSE17721_POLYIC_VS_GARDIQUIMOD_16H_BMDC_UP
GSE40666_UNTREATED_VS_IFNA_STIM_STAT4_KO_EFFECTOR_CD8_TCELL_90MIN_DN, GSE40666_UNTREATED_VS_IFNA_STIM_STAT4_KO_EFFECTOR_CD8_TCELL_90MIN_DN
GSE7852_TREG_VS_TCONV_DN, GSE7852_TREG_VS_TCONV_DN
GSE28237_EARLY_VS_LATE_GC_BCELL_DN, GSE28237_EARLY_VS_LATE_GC_BCELL_DN
GSE3982_DC_VS_NEUTROPHIL_DN, GSE3982_DC_VS_NEUTROPHIL_DN
GSE17186_NAIVE_VS_CD21HIGH_TRANSITIONAL_BCELL_CORD_BLOOD_DN, GSE17186_NAIVE_VS_CD21HIGH_TRANSITIONAL_BCELL_CORD_BLOOD_DN
GSE18893_CTRL_VS_TNF_TREATED_TREG_24H_DN, GSE18893_CTRL_VS_TNF_TREATED_TREG_24H_DN
GSE17721_POLYIC_VS_CPG_16H_BMDC_UP, GSE17721_POLYIC_VS_CPG_16H_BMDC_UP
GSE9650_EFFECTOR_VS_MEMORY_CD8_TCELL_DN, GSE9650_EFFECTOR_VS_MEMORY_CD8_TCELL_DN
GSE25088_WT_VS_STAT6_KO_MACROPHAGE_ROSIGLITAZONE_STIM_DN, GSE25088_WT_VS_STAT6_KO_MACROPHAGE_ROSIGLITAZONE_STIM_DN
GSE13493_DP_VS_CD4INTCD8POS_THYMOCYTE_UP, GSE13493_DP_VS_CD4INTCD8POS_THYMOCYTE_UP
MODULE_261, MODULE_261
GSE13493_DP_VS_CD8POS_THYMOCYTE_UP, GSE13493_DP_VS_CD8POS_THYMOCYTE_UP
GSE9037_CTRL_VS_LPS_4H_STIM_IRAK4_KO_BMDM_UP, GSE9037_CTRL_VS_LPS_4H_STIM_IRAK4_KO_BMDM_UP
GSE32901_TH1_VS_TH17_ENRICHED_CD4_TCELL_UP, GSE32901_TH1_VS_TH17_ENRICHED_CD4_TCELL_UP
GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8_TCELL_UP
GSE17721_POLYIC_VS_PAM3CSK4_8H_BMDC_UP, GSE17721_POLYIC_VS_PAM3CSK4_8H_BMDC_UP
GSE32423_IL7_VS_IL7_IL4_MEMORY_CD8_TCELL_UP, GSE32423_IL7_VS_IL7_IL4_MEMORY_CD8_TCELL_UP
GSE17721_0.5H_VS_8H_LPS_BMDC_DN, GSE17721_0.5H_VS_8H_LPS_BMDC_DN
GSE17186_MEMORY_VS_NAIVE_BCELL_UP, GSE17186_MEMORY_VS_NAIVE_BCELL_UP
ACACTAC_MIR1423P, ACTACTAC_MIR1423P
GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_DN, GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_DN
GSE32423_IL7_VS_IL4_MEMORY_CD8_TCELL_UP, GSE32423_IL7_VS_IL4_MEMORY_CD8_TCELL_UP
GSE17721_POLYIC_VS_GARDIQUIMOD_6H_BMDC_UP, GSE17721_POLYIC_VS_GARDIQUIMOD_6H_BMDC_UP
GSE37301_MULTIPOTENT_PROGENITOR_VS_LYMPHOID_PRIMED_MPP_UP, GSE37301_MULTIPOTENT_PROGENITOR_VS_LYMPHOID_PRIMED_MPP_UP
GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_6H_UP, GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_6H_UP
GO_HISTONE_DEMETHYLASE_ACTIVITY, GO_HISTONE_DEMETHYLASE_ACTIVITY
GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_6H_DN, GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_6H_DN
GSE4142_NAIVE_VS_GC_BCELL_UP, GSE4142_NAIVE_VS_GC_BCELL_UP
GSE38304_MYC_NEG_VS_POS_GC_BCELL_UP, GSE38304_MYC_NEG_VS_POS_GC_BCELL_UP
GSE17721_POLYIC_VS_CPG_12H_BMDC_UP, GSE17721_POLYIC_VS_CPG_12H_BMDC_UP
GNF2_PTPN6, GNF2_PTPN6
GSE21670_TGFB_VS_IL6_TREATED_STAT3_KO_CD4_TCELL_DN, GSE21670_TGFB_VS_IL6_TREATED_STAT3_KO_CD4_TCELL_DN
GSE24574_NAIVE_VS_TCONV_CD4_TCELL_UP, GSE24574_NAIVE_VS_TCONV_CD4_TCELL_UP
GSE21033_CTRL_VS_POLYIC_STIM_DC_6H_DN, GSE21033_CTRL_VS_POLYIC_STIM_DC_6H_DN
GSE10147_IL3_AND_HIVP17_VS_IL3_AND_CPG_STIM_PDC_DN, GSE10147_IL3_AND_HIVP17_VS_IL3_AND_CPG_STIM_PDC_DN
GSE17721_CTRL_VS_POLYIC_6H_BMDC_DN, GSE17721_CTRL_VS_POLYIC_6H_BMDC_DN
GSE21033_3H_VS_24H_POLYIC_STIM_DC_UP, GSE21033_3H_VS_24H_POLYIC_STIM_DC_UP
PID_CDC42_PATHWAY, PID_CDC42_PATHWAY
RASHI_RESPONSE_TO_IONIZING_RADIATION_2, RASHI_RESPONSE_TO_IONIZING_RADIATION_2
GSE40274_FOXP3_VS_FOXP3_AND_HELIOS_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_HELIOS_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
GO_NEGATIVE_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS, GO_NEGATIVE_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS
VANTVEER_BREAST_CANCER_ESR1_UP, VANTVEER_BREAST_CANCER_ESR1_UP
GSE3039_NKT_CELL_VS_B1_BCELL_UP, GSE3039_NKT_CELL_VS_B1_BCELL_UP
GO_CELLULAR_RESPONSE_TO_OXIDATIVE_STRESS, GO_CELLULAR_RESPONSE_TO_OXIDATIVE_STRESS
GSE27786_LSK_VS_MONO_MAC_DN, GSE27786_LSK_VS_MONO_MAC_DN
GSE40274_CTRL_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_CTRL_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
ACAACTT_MIR382, ACTAACTT_MIR382
GSE13306_TREG_VS_TCONV_SPLEEN_UP, GSE13306_TREG_VS_TCONV_SPLEEN_UP
REACTOME_SIGNALING_BY_NOTCH, REACTOME_SIGNALING_BY_NOTCH
GRE_C, GRE_C
GSE5503_LIVER_DC_VS_PLN_DC_ACTIVATED_ALLOGENIC_TCELL_UP, GSE5503_LIVER_DC_VS_PLN_DC_ACTIVATED_ALLOGENIC_TCELL_UP
KEGG_RENAL_CELL_CARCINOMA, KEGG_RENAL_CELL_CARCINOMA
GO_NEGATIVE_REGULATION_OF_NUCLEOCYTOPLASMIC_TRANSPORT, GO_NEGATIVE_REGULATION_OF_NUCLEOCYTOPLASMIC_TRANSPORT
GO_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS, GO_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS
GSE37301_HEMATOPOIETIC_STEM_CELL_VS_GRAN_MONO_PROGENITOR_UP, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_GRAN_MONO_PROGENITOR_UP
REACTOME_SIGNALING_BY_RHO_GTPASES, REACTOME_SIGNALING_BY_RHO_GTPASES
GSE29164_DAY3_VS_DAY7_CD8_TCELL_TREATED_MELANOMA_DN, GSE29164_DAY3_VS_DAY7_CD8_TCELL_TREATED_MELANOMA_DN
KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY, KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY
GSE2935_UV_INACTIVATED_VS_LIVE_SENDAI_VIRUS_INF_MACROPHAGE_UP, GSE2935_UV_INACTIVATED_VS_LIVE_SENDAI_VIRUS_INF_MACROPHAGE_UP
GTAAACC_MIR2995P, GTAAACC_MIR2995P
DUTERTRE ESTRADIOL_RESPONSE_6HR_DN, DUTERTRE ESTRADIOL_RESPONSE_6HR_DN
BRACHAT_RESPONSE_TO_METHOTREXATE_UP, BRACHAT_RESPONSE_TO_METHOTREXATE_UP
GO_CELLULAR_RESPONSE_TO_REACTIVE_OXYGEN_SPECIES, GO_CELLULAR_RESPONSE_TO_REACTIVE_OXYGEN_SPECIES
HERNANDEZ_ABERRANT_MITOSIS_BY_DOCETACEL_2NM_UP, HERNANDEZ_ABERRANT_MITOSIS_BY_DOCETACEL_2NM_UP
GSE21063_CTRL_VS_ANTLJGM_STIM_BCELL_8H_UP, GSE21063_CTRL_VS_ANTLJGM_STIM_BCELL_8H_UP
XU_GH1_AUTOCRINE_TARGETS_DN, XU_GH1_AUTOCRINE_TARGETS_DN
GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_KO_UP, GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_KO_UP
GSE34217_MIR17_92_OVEREXPRESS_VS_WT_ACT_CD8_TCELL_UP, GSE34217_MIR17_92_OVEREXPRESS_VS_WT_ACT_CD8_TCELL_UP
GSE18893_CTRL_VS_TNF_TREATED_TREG_2H_DN, GSE18893_CTRL_VS_TNF_TREATED_TREG_2H_DN
GO_REGULATION_OF_CELL_SHAPE, GO_REGULATION_OF_CELL_SHAPE
GO_RAC_GTPASE_BINDING, GO_RAC_GTPASE_BINDING
GSE34179_THPOK_KO_VS_WT_VA14I_NKTCCELL_UP, GSE34179_THPOK_KO_VS_WT_VA14I_NKTCCELL_UP
GO_MITOGEN_ACTIVATED_PROTEIN_KINASE_BINDING, GO_MITOGEN_ACTIVATED_PROTEIN_KINASE_BINDING
GO_NEGATIVE_REGULATION_OF_PROTEIN_POLYMERIZATION, GO_NEGATIVE_REGULATION_OF_PROTEIN_POLYMERIZATION
PID_RAC1_REG_PATHWAY, PID_RAC1_REG_PATHWAY
GSE17721_CTRL_VS_LPS_4H_BMDC_DN, GSE17721_CTRL_VS_LPS_4H_BMDC_DN
GO_POSITIVE_REGULATION_OF_CELL_MORPHOGENESIS_INVOLVED_IN_DIFFERENTIATION, GO_POSITIVE_REGULATION_OF_CELL_MORPHOGENESIS_INVOLVED_IN_DIFFERENTIATION
GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_14H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_14H_DN
KEGG_AXON_GUIDANCE, KEGG_AXON_GUIDANCE
GO_POSITIVE_REGULATION_OF_SUBSTRATE_ADHESION_DEPENDENT_CELL_SPREADING, GO_POSITIVE_REGULATION_OF_SUBSTRATE_ADHESION_DEPENDENT_CELL_SPREADING
chr15q21, chr15q21
chr16p11, chr16p11
GO_NEGATIVE_REGULATION_OF_TRANSMEMBRANE_RECEPTOR_PROTEIN_SERINE_THREONINE_KINASE_SIGNALING_PATHWAY, GO_NEGATIVE_REGULATION_OF_TRANSMEMBRANE_RECEPTOR_PROTEIN_SERINE_THREONINE_KINASE_SIGNALING_PATHWAY
GO_CELLULAR_RESPONSE_TO_TOXIC_SUBSTANCE, GO_CELLULAR_RESPONSE_TO_TOXIC_SUBSTANCE
BIOCARTA_VDR_PATHWAY, BIOCARTA_VDR_PATHWAY
KIM_HYPOXIA, KIM_HYPOXIA
RAMASWAMY_METASTASIS_DN, RAMASWAMY_METASTASIS_DN
GO_GASTRULATION, GO_GASTRULATION