

L10_STIM_IL10_KO_MACROPHAGE_10MIN_DN, GSE9509_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_10MIN_DN

GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_DN, GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_DN
GSE1460_CORD_VS_ADULT_BLOOD_NAIVE_CD4_TCELL_DN, GSE1460_CORD_VS_ADULT_BLOOD_NAIVE_CD4_TCELL_DN
GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_IRF4HIGH_BCELL_UP, GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_IRF4HIGH_BCELL_UP
GSE5463_CTRL_VS_DEXAMETHASONE_TREATED_THYMOCYTE_UP, GSE5463_CTRL_VS_DEXAMETHASONE_TREATED_THYMOCYTE_UP
GSE35685_CD34POS_CD10NEG_CD62LPOS_VS_CD34POS_CD10POS_BONE_MARROW_UP, GSE35685_CD34POS_CD10NEG_CD62LPOS_VS_CD34POS_CD10POS_BONE_MARROW_UP
GSE5503_LIVER_DC_VS_MLN_DC_ACTIVATED_ALLOGENIC_TCELL_DN, GSE5503_LIVER_DC_VS_MLN_DC_ACTIVATED_ALLOGENIC_TCELL_DN
GSE22935_UNSTIM_VS_12H_MBOVIS_BCG_STIM_MACROPHAGE_UP, GSE22935_UNSTIM_VS_12H_MBOVIS_BCG_STIM_MACROPHAGE_UP
GSE6269_HEALTHY_VS_STAPH_PNEUMO_INF_PPMC_UP, GSE6269_HEALTHY_VS_STAPH_PNEUMO_INF_PPMC_UP
GSE2197_IMMUNOSUPPRESSIVE_DNA_VS_UNTREATEDIN_DC_DN, GSE2197_IMMUNOSUPPRESSIVE_DNA_VS_UNTREATEDIN_DC_DN
GSE7852_LN_VS_FAT_TREG_UP, GSE7852_LN_VS_FAT_TREG_UP
GSE7831_CPG_VS_INFLUENZA_STIM_PDC_1H_UP, GSE7831_CPG_VS_INFLUENZA_STIM_PDC_1H_UP
GSE41867_DAY6_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_DN, GSE41867_DAY6_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_DN
GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_48H_UP, GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_48H_UP
GSE15330_WT_VS_IKAROS_KO_GNULOCYTE_MONOCYTE_PROGENITOR_UP, GSE15330_WT_VS_IKAROS_KO_GNULOCYTE_MONOCYTE_PROGENITOR_UP
GSE22886_CD8_VS_CD4_NAIVE_TCELL_UP, GSE22886_CD8_VS_CD4_NAIVE_TCELL_UP
GSE37301_MULTIPOTENT_PROGENITOR_VS_COMMON_LYMPHOID_PROGENITOR_UP, GSE37301_MULTIPOTENT_PROGENITOR_VS_COMMON_LYMPHOID_PROGENITOR_UP
GSE15930_STIM_VS_STIM_AND_IL12_48H_CD8_T_CELL_UP, GSE15930_STIM_VS_STIM_AND_IL12_48H_CD8_T_CELL_UP
GSE17721_LPS_VS_POLYIC_8H_BMDC_UP, GSE17721_LPS_VS_POLYIC_8H_BMDC_UP
GSE3720_VD1_VS_VD2_GAMMADELTA_TCELL_WITH_PMA_STIM_DN, GSE3720_VD1_VS_VD2_GAMMADELTA_TCELL_WITH_PMA_STIM_DN
GSE12198_CTRL_VS_LOW_IL2_STIM_NK_CELL_UP, GSE12198_CTRL_VS_LOW_IL2_STIM_NK_CELL_UP
GSE40273_GATA1_KO_VS_WT_TREG_DN, GSE40273_GATA1_KO_VS_WT_TREG_DN
MOREAUX_B_LYMPHOCYTE_MATURATION_BY_TACI_DN, MOREAUX_B_LYMPHOCYTE_MATURATION_BY_TACI_DN
GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_UP, GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_UP
GSE339_CD4POS_VS_CD8POS_DC_UP, GSE339_CD4POS_VS_CD8POS_DC_UP
GO_MAGNESIUM_ION_BINDING, GO_MAGNESIUM_ION_BINDING
FLECHNER_PBL_KIDNEY_TRANSPLANT_REJECTED_VS_OK_UP, FLECHNER_PBL_KIDNEY_TRANSPLANT_REJECTED_VS_OK_UP
GSE23568_ID3_TRANSDUCED_VS_ID3_KO_CD8_TCELL_UP, GSE23568_ID3_TRANSDUCED_VS_ID3_KO_CD8_TCELL_UP
GSE20715_WT_VS_TLR4_KO_24H_OZONE_LUNG_DN, GSE20715_WT_VS_TLR4_KO_24H_OZONE_LUNG_DN
GSE411_UNSTIM_VS_100MIN_IL6_STIM_MACROPHAGE_DN, GSE411_UNSTIM_VS_100MIN_IL6_STIM_MACROPHAGE_DN
GSE17721_LPS_VS_CPG_12H_BMDC_DN, GSE17721_LPS_VS_CPG_12H_BMDC_DN
GSE36527_CD62L_HIGH_CD69_NEG_VS_CD62L_LOW_CD69_POS_TREG_KLRG1_NEG_UP, GSE36527_CD62L_HIGH_CD69_NEG_VS_CD62L_LOW_CD69_POS_TREG_KLRG1_NEG_UP
GSE10273_HIGH_VS_LOW_IL7_TREATED_IRF4_8_NULL_PRE_BCELL_DN, GSE10273_HIGH_VS_LOW_IL7_TREATED_IRF4_8_NULL_PRE_BCELL_DN
GSE17721_CTRL_VS_POLYIC_0.5H_BMDC_UP, GSE17721_CTRL_VS_POLYIC_0.5H_BMDC_UP
GSE1460_DP_THYMOCYTE_VS_THYMIC_STROMAL_CELL_UP, GSE1460_DP_THYMOCYTE_VS_THYMIC_STROMAL_CELL_UP
GSE17721_CTRL_VS_GARDIQUIMOD_6H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_6H_BMDC_UP
MODULE_430, MODULE_430
GSE17580_UNINFECTED_VS_S_MANSONI_INF_TEFF_UP, GSE17580_UNINFECTED_VS_S_MANSONI_INF_TEFF_UP
GSE40274_FOXP3_VS_FOXP3_AND_PBX1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_PBX1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
GO_SWI_SNF_SUPERFAMILY_TYPE_COMPLEX, GO_SWI_SNF_SUPERFAMILY_TYPE_COMPLEX
GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_UP, GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_UP
GSE8678_IL7R_LOW_VS_HIGH_EFF_CD8_TCELL_UP, GSE8678_IL7R_LOW_VS_HIGH_EFF_CD8_TCELL_UP
GSE46143_CTRL_VS_LMP2A_TRANSDUCED_CD10_POS_GC_BCELL_DN, GSE46143_CTRL_VS_LMP2A_TRANSDUCED_CD10_POS_GC_BCELL_DN
GSE33162_HDAC3_KO_VS_HDAC3_KO_MACROPHAGE_UP, GSE33162_HDAC3_KO_VS_HDAC3_KO_MACROPHAGE_UP
GSE40274_FOXP3_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
GSE26912_TUMORICIDAL_VS_CTRL_MACROPHAGE_DN, GSE26912_TUMORICIDAL_VS_CTRL_MACROPHAGE_DN
GSE7852_TREG_VS_TCONV_THYMUS_DN, GSE7852_TREG_VS_TCONV_THYMUS_DN
GSE43955_TH0_VS_TGFB_IL6_THI7_ACT_CD4_TCELL_42H_UP, GSE43955_TH0_VS_TGFB_IL6_THI7_ACT_CD4_TCELL_42H_UP
GSE28737_WT_VS_BCL6_HET_FOLLICULAR_BCELL_UP, GSE28737_WT_VS_BCL6_HET_FOLLICULAR_BCELL_UP
GSE7460_CD8_TCELL_VS_CD4_TCELL_ACT_UP, GSE7460_CD8_TCELL_VS_CD4_TCELL_ACT_UP
GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_4H_ACT_CD4_TCELL_UP, GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_4H_ACT_CD4_TCELL_UP
GSE7509_UNSTIM_VS_FCGRIIB_STIM_DC_DN, GSE7509_UNSTIM_VS_FCGRIIB_STIM_DC_DN
GSE17721_CTRL_VS_LPS_0.5H_BMDC_UP, GSE17721_CTRL_VS_LPS_0.5H_BMDC_UP
GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY10_UP, GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY10_UP
GSE11961_GERMINAL_CENTER_BCELL_DAY7_VS_MEMORY_BCELL_DAY40_UP, GSE11961_GERMINAL_CENTER_BCELL_DAY7_VS_MEMORY_BCELL_DAY40_UP
GSE40274_FOXP3_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_FOXP3_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
ZHAN_MULTIPLE_MYELOMA_CD1_VS_CD2_UP, ZHAN_MULTIPLE_MYELOMA_CD1_VS_CD2_UP
GSE3039_ALPHAALPHA_VS_ALPHABETA_CD8_TCELL_DN, GSE3039_ALPHAALPHA_VS_ALPHABETA_CD8_TCELL_DN
REACTOME_SIGNALING_BY_TGF_BETA_RECEPTOR_COMPLEX, REACTOME_SIGNALING_BY_TGF_BETA_RECEPTOR_COMPLEX
REACTOME_PPARA_ACTIVATES_GENE_EXPRESSION, REACTOME_PPARA_ACTIVATES_GENE_EXPRESSION
GO_CARBOHYDRATE_DERIVATIVE_CATABOLIC_PROCESS, GO_CARBOHYDRATE_DERIVATIVE_CATABOLIC_PROCESS
GSE43955_TH0_VS_TGFB_IL6_THI7_ACT_CD4_TCELL_20H_UP, GSE43955_TH0_VS_TGFB_IL6_THI7_ACT_CD4_TCELL_20H_UP
GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_IRF4_KO_BCELL_DN, GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_IRF4_KO_BCELL_DN
GNF2_PTPN6, GNF2_PTPN6
AKT_UP.V1_DN, AKT_UP.V1_DN
REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER, REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER
KEGG_AMINO_SUGAR_AND_NUCLEOTIDE_SUGAR_METABOLISM, KEGG_AMINO_SUGAR_AND_NUCLEOTIDE_SUGAR_METABOLISM
GO_PEPTIDYL_SERINE_MODIFICATION, GO_PEPTIDYL_SERINE_MODIFICATION
BIOCARTA_ATRBRCA_PATHWAY, BIOCARTA_ATRBRCA_PATHWAY
REACTOME_DOWNREGULATION_OF_SMAD2_3_SMAD4_TRANSCRIPTIONAL_ACTIVITY, REACTOME_DOWNREGULATION_OF_SMAD2_3_SMAD4_TRANSCRIPTIONAL_ACTIVITY
GSE12963_UNINF_VS_ENV_AND_NEF_AND_VPR_DEFICIENT_HIV1_INF_CD4_TCELL_UP, GSE12963_UNINF_VS_ENV_AND_NEF_AND_VPR_DEFICIENT_HIV1_INF_CD4_TCELL_UP
MORE_RFC5, MORE_RFC5
PID_PSI_PATHWAY, PID_PSI_PATHWAY
GO_RNA_POLYMERASE_II_TRANSCRIPTION_COFACTOR_ACTIVITY, GO_RNA_POLYMERASE_II_TRANSCRIPTION_COFACTOR_ACTIVITY
REACTOME_G0_AND_EARLY_G1, REACTOME_G0_AND_EARLY_G1
GSE21360_PRIMARY_VS_SECONDARY_MEMORY_CD8_TCELL_DN, GSE21360_PRIMARY_VS_SECONDARY_MEMORY_CD8_TCELL_DN
SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_DN, SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_DN
GSE35685_CD34POS_CD38NEG_VS_CD34POS_CD10NEG_CD62LPOS_BONE_MARROW_DN, GSE35685_CD34POS_CD38NEG_VS_CD34POS_CD10NEG_CD62LPOS_BONE_MARROW_DN
REACTOME_ABORTIVE_ELONGATION_OF_HIV1_TRANSCRIPT_IN_THE_ABSENCE_OF_TAT, REACTOME_ABORTIVE_ELONGATION_OF_HIV1_TRANSCRIPT_IN_THE_ABSENCE_OF_TAT
PID_HES_HEY_PATHWAY, PID_HES_HEY_PATHWAY
BIOCARTA_WNT_PATHWAY, BIOCARTA_WNT_PATHWAY
GSE22432_MULTIPOTENT_PROGENITOR_VS_PDC_UP, GSE22432_MULTIPOTENT_PROGENITOR_VS_PDC_UP
GO_RESPONSE_TO_EXOGENOUS_DSRNA, GO_RESPONSE_TO_EXOGENOUS_DSRNA
GO_RIBONUCLEOPROTEIN_COMPLEX_DISASSEMBLY, GO_RIBONUCLEOPROTEIN_COMPLEX_DISASSEMBLY
REACTOME_INTEGRATION_OF_ENERGY_METABOLISM, REACTOME_INTEGRATION_OF_ENERGY_METABOLISM
CHIARETTI_ACUTE_LYMPHOBLASTIC_LEUKEMIA_ZAP70, CHIARETTI_ACUTE_LYMPHOBLASTIC_LEUKEMIA_ZAP70
SETLUR_PROSTATE_CANCER_TMPRSS2_ERG_FUSION_UP, SETLUR_PROSTATE_CANCER_TMPRSS2_ERG_FUSION_UP
chr10q22, chr10q22
ST_WNT_CA2_CYCLIC_GMP_PATHWAY, ST_WNT_CA2_CYCLIC_GMP_PATHWAY
GO_AMINO_SUGAR_METABOLIC_PROCESS, GO_AMINO_SUGAR_METABOLIC_PROCESS
GO_NEGATIVE_REGULATION_OF_NF_KAPPAB_TRANSCRIPTION_FACTOR_ACTIVITY, GO_NEGATIVE_REGULATION_OF_NF_KAPPAB_TRANSCRIPTION_FACTOR_ACTIVITY
GO_REGULATION_OF_MUSCLE_ADAPTATION, GO_REGULATION_OF_MUSCLE_ADAPTATION
GO_RETROGRADE_TRANSPORT_ENDOSOME_TO_PLASMA_MEMBRANE, GO_RETROGRADE_TRANSPORT_ENDOSOME_TO_PLASMA_MEMBRANE
GO_ACROSOME_REACTION, GO_ACROSOME_REACTION
GO_INTRINSIC_COMPONENT_OF_GOLGI_MEMBRANE, GO_INTRINSIC_COMPONENT_OF_GOLGI_MEMBRANE
GO_PLATELET_MORPHOGENESIS, GO_PLATELET_MORPHOGENESIS
GO_STEROL_BIOSYNTHETIC_PROCESS, GO_STEROL_BIOSYNTHETIC_PROCESS
GO_ORGANIC_HYDROXY_COMPOUND_TRANSPORT, GO_ORGANIC_HYDROXY_COMPOUND_TRANSPORT
GO_CHD_TYPE_COMPLEX, GO_CHD_TYPE_COMPLEX
chr2q35, chr2q35
GGGATGC_MIR3245P, GGGATGC_MIR3245P
GSE3982_NKCELL_VS_TH2_UP, GSE3982_NKCELL_VS_TH2_UP
GO_POSITIVE_REGULATION_OF_LYMPHOCYTE_DIFFERENTIATION, GO_POSITIVE_REGULATION_OF_LYMPHOCYTE_DIFFERENTIATION
GO_INO80_TYPE_COMPLEX, GO_INO80_TYPE_COMPLEX
GO_NON_MEMBRANE_SPANNING_PROTEIN_TYROSINE_KINASE_ACTIVITY, GO_NON_MEMBRANE_SPANNING_PROTEIN_TYROSINE_KINASE_ACTIVITY
PID_WNT_NONCANONICAL_PATHWAY, PID_WNT_NONCANONICAL_PATHWAY
OXFORD_RALA_OR_RALB_TARGETS_DN, OXFORD_RALA_OR_RALB_TARGETS_DN
GO_REGULATION_OF_TYPE_I_INTERFERON_MEDIATED_SIGNALING_PATHWAY, GO_REGULATION_OF_TYPE_I_INTERFERON_MEDIATED_SIGNALING_PATHWAY
GSE17721_CTRL_VS_CPG_24H_BMDC_UP, GSE17721_CTRL_VS_CPG_24H_BMDC_UP
REACTOME_HOMOLOGOUS_RECOMBINATION_REPAIR_OF_REPLICATION_INDEPENDENT_DOUBLE_STRAND_BREAKS, REACTOME_HOMOLOGOUS_RECOMBINATION_REPAIR_OF_REPLICATION
MYAATNNNNNNNGGC_UNKNOWN, MYAATNNNNNNNGGC_UNKNOWN
GO_SCHWANN_CELL_DIFFERENTIATION, GO_SCHWANN_CELL_DIFFERENTIATION
GO_POSITIVE_REGULATION_OF_MRNA_PROCESSING, GO_POSITIVE_REGULATION_OF_MRNA_PROCESSING
BIOCARTA_D4GDL_PATHWAY, BIOCARTA_D4GDL_PATHWAY
GO_REGULATION_OF_MEIOTIC_NUCLEAR_DIVISION, GO_REGULATION_OF_MEIOTIC_NUCLEAR_DIVISION
LINDVALL_IMMORTALIZED_BY_TERT_UP, LINDVALL_IMMORTALIZED_BY_TERT_UP
GO_POSITIVE_REGULATION_OF_LEUKOCYTE_MEDIATED_IMMUNITY, GO_POSITIVE_REGULATION_OF_LEUKOCYTE_MEDIATED_IMMUNITY
GHO_ATF5_TARGETS_DN, GHO_ATF5_TARGETS_DN
GSE37319_WT_VS_RC3H1_KO_CD44LOW_CD8_TCELL_UP, GSE37319_WT_VS_RC3H1_KO_CD44LOW_CD8_TCELL_UP
GO_REGULATION_OF_B_CELL_DIFFERENTIATION, GO_REGULATION_OF_B_CELL_DIFFERENTIATION
GO_N_ACETYLGUCOSAMINE_METABOLIC_PROCESS, GO_N_ACETYLGUCOSAMINE_METABOLIC_PROCESS
chr12q22, chr12q22
XU_RESPONSE_TO_TRETINOIN_AND_NSC682994_UP, XU_RESPONSE_TO_TRETINOIN_AND_NSC682994_UP
GSE16266_LPS_VS_HEATSHOCK_AND_LPS_STIM_MEF_UP, GSE16266_LPS_VS_HEATSHOCK_AND_LPS_STIM_MEF_UP
BIOCARTA_NKCELLS_PATHWAY, BIOCARTA_NKCELLS_PATHWAY