



GSE20151_CTRL_VS_FUSOBACT_NUCLEATUM_NEUTROPHIL_UP
GSE46606_UNSTIM_VS_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP
GSE20484_MCSG_VS_CXCL4_MONOCYTE_DERIVED_MACROPHAGE_UP
GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_HET_UP
GSE11961_FOLLICULAR_BCELL_VS_MEMORY_BCELL_DAY40_DN
HOSHIDA_LIVER_CANCER_LATE_RECURRENCE_DN
GSE46025_WT_VS_FOXO1_KO_KLRG1_LOW_CD8_EFFECTOR_TCELL_UP
GSE46606_UNSTIM_VS_CD40L_IL2_IL5_3DAY_STIMULATED_IRF4_TCELL_UP
GO_NEGATIVE_REGULATION_OF_CARTILAGE_DEVELOPMENT
GSE27786_LSK_VS_ERYTHROBLAST_DN
GSE14413_UNSTIM_VS_IFNB_STIM_NIH3T3_CELLS_UP
GO_TRNA_METABOLIC_PROCESS
GSE27859_MACROPHAGE_VS_CD11C_INT_F480_INT_DC_DN
GSE22935_UNSTIM_VS_48H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_UP
GSE23114_PERITONEAL_CAVITY_B1A_BCELL_VS_SPLEEN_BCELL_UP
JNK_DN.V1_DN
GO_LIGAND_GATED_CHANNEL_ACTIVITY
GSE18791_UNSTIM_VS_NEWCASTLE_VIRUS_DC_1H_UP
NELSON_RESPONSE_TO_ANDROGEN_DN
GSE1112_OT1_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTQC_CUI_DN
YAMANAKA_GLIOMASTOMA_SURVIVAL_DN
GSE17974_IL4_AND_ANT1_IL12_VS_UNTREATED_12H_ACT_CD4_TCELL_UP
LIEN_BREAST_CARCINOMA_METAPLASTIC
MEISSNER_NPC_ICP_WITH_H3_UNMETHYLATED
KONDO_PROSTATE_CANCER_WITH_H3K27ME3
GO_TYPE_I_INTERFERON_RECEPTOR_BINDING
MCGARVEY_SILENCED_BY_METHYLATION_IN_COLON_CANCER_UP
GSE25123_CTRL_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_UP
GSE21927_SPLEEN_C57BL6_VS_E4_TUMOR_BALBC_MONOCYTE_UP
GSE11924_TFH_VS_TH1_CD4_TCELL_UP
GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_MIR155_KO_DN
GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_UP
GSE34515_CD16_POS_MONOCYTE_VS_DC_UP
GSE37532_VISCERAL_ADIPPOSE_TISSUE_VS_LN_DERIVED_PPARG_MACROPHAGE_UP
GSE22886_IGG_IGA_MEMORY_BCELL_VS_BLOOD_PLASMA_CELL_UP
GSE41867_NAIVE_VS_DAY30_LCMV_CLONE13_EXHAUSTED_CD8_TCELL_UP
GSE14769_40MIN_VS_360MIN_LPS_BMDM_DN
GSE17721_PAM3CSK4_VS_CPG_8H_BMDC_DN
MODULE_36
GSE17322_CD103_POS_VS_CD11B_HIGH_LUNG_DC_UP
GSE16266_LPS_VS_HEATSHOCK_AND_LPS_STIM_MEF_DN
GSE17186_NAIVE_VS_CD21LOW_TRANSITIONAL_BCELL_CORD_BLOOD_UP
GSE22919_RESTING_VS_IL2_IL12_IL15_STIM_NK_CELL_DN
GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8_TCELL_UP
GSE17721_0.5H_VS_24H_POLYIC_BMDC_DN
GSE36888_UNTREATED_VS_IL2_TREATED_TCELL_2H_UP
GSE7831_1H_VS_4H_CPG_STIM_PDC_UP
GSE37301_CD4_TCELL_VS_RAG2_KO_NK_CELL_DN
GSE46606_UNSTIM_VS_CD40L_IL2_IL5_1DAY_STIMULATED_IRF4_TCELL_UP
GSE22342_CD11C_HIGH_VS_LOW_DECIDUAL_MACROPHAGES_UP
GSE9601_UNTREATED_VS_NFKB_INHIBITOR_TREATED_HCMV_MACROPHAGE_UP
GSE27241_WT_CTRL_VS_DIGOXIN_TREATED_RORGT_KO_CD4_TCELL_UP
GSE39820_TGFBETA1_IL6_VS_TGFBETA1_IL6_IL23A_TREATED_MACROPHAGE_UP
GSE9960_HEALTHY_VS_GRAM_NEG_AND_POS_SEPSIS_PBMC_UP
GSE26669_CD4_VS_CD8_TCELL_IN_MLR_COSTIM_BLOCK_UP
GSE36476_YOUNG_VS_OLD_DONOR_MEMORY_CD4_TCELL_UP
GSE25123_WT_VS_PPARG_KO_MACROPHAGE_IL4_AND_ROSIGLITAZONE_UP
GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_UP
GSE26488_WT_VS_HDAC7_KO_DOUBLE_POSITIVE_THYMOCYTE_UP
GSE19401_UNSTIM_VS_PAM2CSK4_STIM_FOLLICULAR_DC_UP
ZHANG_TLX_TARGETS_36HR_DN
GCM_RAB10
DING_LUNG_CANCER_EXPRESSION_BY_COPY_NUMBER
GSE17301_CTRL_VS_48H_IFNA2_STIM_CD8_TCELL_UP
GSE16522_ANT1_CD3CD28_STIM_VS_UNSTIM_NAIVE_CD8_TCELL_UP
GSE41867_NAIVE_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_TCELL_UP
GSE9988_ANT1_TREM1_VS_CTRL_TREATED_MONOCYTES_DN
GSE46468_LUNG_INNATE_LYMPHOID_CELL_VS_SPLEEN_CD4_TCELL_UP
GSE22886_TH1_VS_TH2_48H_ACT_DN
GSE36009_UNSTIM_VS_LPS_STIM_DC_DN
GSE22601_DOUBLE_NEGATIVE_VS_DOUBLE_POSITIVE_THYMOCYTE_UP
GSE32986_CURDLAN_HIGHDOSE_VS_GMCSF_AND_CURDLAN_MACROPHAGE_UP
GSE37532_TREG_VS_TCONV_PPARG_KO_CD4_TCELL_FROM_LUNG_UP
GSE1740_MCSF_VS_MCSF_AND_IFNG_DAY2_DERIVED_MACROPHAGE_UP
GSE3920_UNTREATED_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP
GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_UP
ATGCAGT_MIR217
CTGTAC_MIR194
GO_INTERMEDIATE_FILAMENT
REACTOME_BETA_DEFENSINS
MIKKELSEN_MCV6_LCP_WITH_H3K27ME3
GO_CORNIFIED_ENVELOPE
chryp11
GO_ODORANT_BINDING
chryq11
REACTOME_PEPTIDE_LIGAND_BINDING_RECEPTORS
GSE32533_WT_VS_MIR17_KO_ACT_CD4_TCELL_DN
GSE37416_CTRL_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_DN
GSE19888_CTRL_VS_T_CELL_MEMBRANES_ACT_MAST_CELL_UP
GSE2585_AIRE_KO_VS_WT_CD80_HIGH_MTEC_UP
GSE37416_0H_VS_3H_F_TULARENSIS_LVS_NEUTROPHIL_UP
GSE15215_CD2_POS_VS_NEG_PDC_DN
GSE22886_IGG_IGA_MEMORY_BCELL_VS_BM_PLASMA_CELL_UP
GSE21546_WT_VS_SAP1A_KO_ANT1_CD3_STIM_DP_THYMOCYTE_UP
GSE5589_LPS_VS_LPS_AND_IL10_STIM_IL6_KO_MACROPHAGE_UP
GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_UP
GSE27786_NKCELL_VS_ERYTHROBLAST_UP
GSE5589_UNSTIM_VS_180MIN_LPS_STIM_MACROPHAGE_UP
GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_DN
GSE13887_RESTING_VS_ACT_CD4_TCELL_DN
GSE22611_UNSTIM_VS_2H_MDP_STIM_MUTANT_NOD2_TRANSFECTED_MACROPHAGE_UP
GSE40666_STAT1_KO_VS_STAT4_KO_CD8_TCELL_UP
GO_VACUOLE_ORGANIZATION
GSE5589_UNSTIM_VS_45MIN_LPS_AND_IL10_STIM_MACROPHAGE_UP
TMTGCGGANR_UNKNOWN
GSE22601_DOUBLE_NEGATIVE_VS_IMMATURE_CD4_SP_THYMOCYTE_UP
GSE12001_MIR223_KO_VS_WT_NEUTROPHIL_DN
GSE19825_NAIVE_VS_DAY3_EFF_CD8_TCELL_DN
GSE26618_PRE_VS_DAY7_POST_LAIV_VACCINE_PDC_DN
GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_UP
GSE22886_NAIVE_CD4_TCELL_VS_NKCELL_DN
GSE21670_STAT3_KO_VS_WT_CD4_TCELL_IL6_TREATED_UP
GSE14350_TREG_VS_TEFF_UP
GSE37301_LYMPHOID_PRIMED_MPP_VS_GRAN_MONO_PROGENITOR_UP
GSE19888_ADENOSINE_A3R_ACT_VS_TCELL_MEMBRANES_ACT_UP
GSE29949_CD8_POS_DC_SPLEEN_VS_DC_BRAIN_UP
GSE40493_BCL6_KO_VS_WT_TREG_UP
GINESTIER_BREAST_CANCER_ZNF217_AMPLIFIED_UP
MORF_TPR
GO_POSITIVE_REGULATION_OF_CHROMOSOME_ORGANIZATION
GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_6H_DN
GO_UBIQUITIN_LIKE_PROTEIN_LIGASE_ACTIVITY
DARWICHE_SQUAMOUS_CELL_CARCINOMA_DN
GSE16522_MEMORY_VS_NAIVE_CD8_TCELL_UP
GSE12845_IGD_NEG_BLOOD_VS_NAIVE_TONSIL_BCELL_DN
GSE10240_IL22_VS_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELL_UP
GSE6875_TCONV_VS_FOXP3_KO_TREG_DN
GSE2770_TGFB_AND_IL4_VS_IL4_TREATED_ACT_CD4_TCELL_UP
GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_48H_UP
GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_TCELL_UP
GSE41867_DAY8_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_UP
GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_MDC_UP
GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_UP
GSE20366_EX_VIVO_VS_DEC205_CONVERSION_UP
ZHAN_MULTIPLE_MYELOMA_CD1_AND_CD2_UP
GSE1460_NAIVE_CD4_TCELL_COORD_BLOOD_VS_THYMIC_STRONG_EFFECTOR_TCELL_UP
GSE26030_UNSTIM_VS_RESTIM_TH17_DAY15_POST_POLARIZATION_UP
GSE16385_MONOCYTE_VS_12H_ROSIGLITAZONE_TREATED_MACROPHAGE_UP
GO_RAB_GTPASE_BINDING
GSE27786_LIN_NEG_VS_NEUTROPHIL_UP
GSE27786_BCELL_VS_NEUTROPHIL_UP
GSE6090_UNSTIM_VS_DC-SIGN_STIM_DC_UP
GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_UP
GSE19923_WT_VS_E2A_KO_DP_THYMOCYTE_DN
GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_6H_DN
GSE18893_CTRL_VS_TNF_TREATED_TCONV_24H_UP
GSE4590_PRE_BCELL_VS_VPREB_POS_LARGE_PRE_BCELL_DN
GSE26290_WT_VS_PDK1_KO_ANT1_CD3_AND_IL2_STIM_CD8_TCELL_UP
GSE27786_BCELL_VS_CD4_TCELL_UP
GSE6259 FLT3L_INDUCED_33D1_POS_DC_VS_BCELL_UP
GSE3039_CD4_TCELL_VS_B2_BCELL_DN
GSE2770_UNTREATED_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_UP
GSE38697_LIGHT_ZONE_VS_DARK_ZONE_BCELL_UP
GSE29164_CD8_TCELL_VS_CD8_TCELL_AND_IL12_TREATED_MACROPHAGE_UP
GSE29949_CD8_POS_DC_SPLEEN_VS_MONOCYTE_BONE_MARROW_UP
GSE15330_LYMPHOID_MULTIPOTENT_VS_PRO_BCELL_DN
GSE8685_IL2_STARVED_VS_IL21_ACT_IL2_STARVED_CD4_TCELL_UP
GSE15750_WT_VS_TRAFKO_DAY10_EFF_CD8_TCELL_UP
GO_ILIUM_ORGANIZATION
GSE18804_SPLEEN_MACROPHAGE_VS_COLON_TUMORAL_MACROPHAGE_UP
GSE22611_NOD2_TRANSD_VS_CTRL_TRANSD_HEK293_MDP_STIM_UP
MORF_ANP32B
GSE14908_RESTING_VS_HDM_STIM_CD4_TCELL_ATOPIC_PATIENT_UP
GSE20198_IL12_VS_IFNA_TREATED_ACT_CD4_TCELL_UP
GSE2405_0H_VS_1.5H_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_UP
GSE17721_CTRL_VS_POLYIC_4H_BMDC_UP
GSE6259_BCELL_VS_CD4_TCELL_UP
GSE42021_CD24LO_TREG_VS_CD24LO_TCONV_THYMUS_DN
GSE41867_NAIVE_VS_DAY30_LCMV_ARMSTRONG_MEMORY_CD8_TCELL_UP
GSE6092_UNSTIM_VS_IFNG_STIM_ENDOTHELIAL_CELL_UP
GSE3982_POLYIC_VS_GARDIQUIMOD_8H_BMDC_DN
HALLMARK_DNA_REPAIR
GSE34156_NOD2_LIGAND_VS_TLR1_TLR2_LIGAND_24H_TREATED_MACROPHAGE_UP
GSE14000_TRANSLATED_RNA_VS_MRNA_16H_LPS_DC_DN
GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_2H_UP
GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_BCELL_DN
GO_RIBONUCLEOPROTEIN_GRANULE
JAK2_DN.V1_DN
GINESTIER_BREAST_CANCER_20Q13_AMPLIFICATION_DN
ACEVEDO_NORMAL_TISSUE_ADJACENT_TO_LIVER_TUMOR_UP
GSE17721_LPS_VS_POLYIC_24H_BMDC_UP
GSE14000_4H_VS_16H_LPS_DC_DN
GSE10094_LCMV_VS_LISTERIA_IND_EFF_CD4_TCELL_UP
GSE29164_CD8_TCELL_VS_CD8_TCELL_AND_IL12_TREATED_MACROPHAGE_UP
GSE22589_HEALTHY_VS_HIV_AND_SIV_INFECTED_DC_DN
GSE34006_UNTREATED_VS_A2AR_AGNONIST_TREATED_TREG_UP
GSE4748_CTRL_VS_CYANOBACTERIUM_LPSLIKE_STIM_DC_1H_UP
GSE31082_DN_VS_CD4_SP_THYMOCYTE_UP
GSE17974_2H_VS_72H_UNTREATED_IN_VITRO_CD4_TCELL_DN
GSE14769_UNSTIM_VS_120MIN_LPS_BMDM_UP
GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_48H_DN
GSE9509_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_UP
GSE5542_UNTREATED_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELL_UP
GSE21033_CTRL_VS_POLYIC_STIM_DC_3H_UP
GSE16385_MONOCYTE_VS_12H_IL4_TREATED_MACROPHAGE_UP
GSE14000_UNSTIM_VS_4H_LPS_DC_TRANSLATED_RNA_UP
GSE23308_CTRL_VS_CORTICOSTERONE_TREATED_MACROPHAGE_UP
GSE14000_UNSTIM_VS_16H_LPS_DC_UP
GSE6674_ANT1_IGM_VS_PL2_3_STIM_BCELL_UP
GSE37534_PIOGLITAZONE_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_UP
GSE10147_IL3_VS_IL3_AND_HIVP17_STIM_PDC_UP
GSE21927_UNTREATED_VS_GMCSF_GCSF_TREATED_BONE_MARROW_UP
GSE40655_FOXO1_KO_VS_WT_NTREG_UP
GSE24634_NAIVE_CD4_TCELL_VS_DAY7_IL4_CONV_TREG_UP
GSE3039_NKT_CELL_VS_B1_BCELL_DN
GSE17721_4_VS_24H_CPG_BMDC_DN
GSE19888_NO_PRETREAT_VS_ADENOSINE_A3R_INHIBITOR_PRETREATMENT_UP
GSE12845_IGD_POS_BLOOD_VS_DARKZONE_GC_TONSIL_BCELL_UP
GSE46242_CTRL_VS_EGR2_DELETED_ANERGIC_TH1_CD4_TCELL_UP
GSE20727_CTRL_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATMENT_UP
GSE16450_CTRL_VS_IFNA_12H_STIM_IMMATURE_NEURON_CELL_UP
GSE17721_0.5H_VS_12H_CPG_BMDC_UP
GSE14769_UNSTIM_VS_240MIN_LPS_BMDM_UP
GSE45365_WT_VS_IFNAR_KO_CD11B_DC_MCMV_INFECTION_UP
GSE6674_UNSTIM_VS_CPG_STIM_BCELL_UP
GSE3720_V01_VS_VD2_GAMMADELTA_TCELL_WITH_LPS_STIMULATED_UP
GSE17301_CTRL_VS_48H_ACD3_ACD28_IFNA2_STIM_CD8_TCELL_UP
PURBEY_TARGETS_OF_CTB1_AND_SATB1_DN
GSE21379_TFH_VS_NON_TFH_SAP_KO_CD4_TCELL_UP
GSE5542_UNTREATED_VS_IFNG_TREATED_EPITHELIAL_CELLS_UP
GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_6H_UP
GSE5589_LPS_VS_LPS_AND_IL6_STIM_IL10_KO_MACROPHAGE_UP
GSE36392_TYPE_2_MYELOID_VS_MAC_IL25_TREATED_LUNG_DN
GSE37534_UNTREATED_VS_PIOGLITAZONE_TREATED_CD4_TCELL_UP
GO_SULFUR_COMPOUND_BIOSYNTHETIC_PROCESS
GSE30083_SP1_VS_SP4_THYMOCYTE_UP
GSE37301_LYMPHOID_PRIMED_MPP_VS_RAG2_KO_NK_CELL_UP
GSE42088_2H_VS_24H_LEISHMANIA_INF_DC_DN
GSE22589_HEALTHY_VS_SIV_INFECTED_DC_UP
GSE4535_BM_DERIVED_DC_VS_FOLLICULAR_DC_DN
GSE11864_UNTREATED_VS_CSF1_IFNG_PAM3CVS_IN_MAC_UP
GSE37534_GW1929_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_UP
GO_NEGATIVE_REGULATION_OF_MEGAKARYOCYTE_DIFFERENTIATION
BOYLAN_MULTIPLE_MYELOMA_D_CLUSTER_UP
GSE37416_0H_VS_3H_F_TULARENSIS_LVS_NEUTROPHIL_DN
GSE32423_IL7_VS_IL4_MEMORY_CD8_TCELL_UP
GSE4984_LPS_VS_VECHILE_CTRL_TREATED_DC_DN
GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_6H_DN
GGGACCA_MIR133A_MIR133B
GSE9988_ANT1_TREM1_VS_LPS_MONOCYTE_UP
GSE7831_UNSTIM_VS_CPG_STIM_PDC_1H_DN
GSE41867_NAIVE_VS_DAY6_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_UP
GSE5589_IL6_KO_VS_IL10_KO_LPS_STIM_MACROPHAGE_180MIN_UP
GSE19772_HCMV_INF_LV_HCMV_INF_MONOCYTES_AND_P13K_UP
GSE11864_CSF1_IFNG_VS_CSF1_PAM3CVS_IN_MAC_UP
GSE1432_6H_VS_24H_IFNG_MICROGLIA_UP
STARK_PREFRONTAL_CORTX_22Q11_DELETION_UP
GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_UP
MODULE_334
GSE21927_SPLEEN_MONOCYTE_VS_GMCSF_GCSF_BONE_MARROW_UP
NIELSEN_GIST
GSE27786_LIN_NEG_VS_MONO_MAC_DN
ROSS_LEUKEMIA_WITH_MLL_FUSIONS
ZHONG_RESPONSE_TO_AZACITIDINE_AND_TSA_UP
GSE2770_UNTREATED_VS_ACT_CD4_TCELL_48H_DN
GSE3039_ALPHAALPHA_CD8_TCELL_VS_B2_BCELL_UP
GR_01
GSE29618_MONOCYTE_VS_PDC_UP
GERY_CEBP_TARGETS
GO_CADHERIN_BINDING
SINGH_KRAS_DEPENDENCY_SIGNATURE
MEK_UP.V1_UP
GSE22886_NEUTROPHIL_VS_DC_UP
LIM_MAMMARY_LUMINAL_MATURE_DN
MODULE_455
PTEN_DN.V1_DN