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GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP, GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP
  GSE24726_WT_VS_E2-2_KO_PDC_DAY6_POST_DELETION_UP, GSE24726_WT_VS_E2-2_KO_PDC_DAY6_POST_DELETION_UP
  GSE25085_FETAL_LIVER_VS_ADULT_BM_SP4_THYMIC_IMPLANT_UP, GSE25085_FETAL_LIVER_VS_ADULT_BM_SP4_THYMIC_IMPLANT_UP
  GSE20754_WT_VS_TCF1_KO_MEMORY_CD8_TCELL_DN, GSE20754_WT_VS_TCF1_KO_MEMORY_CD8_TCELL_DN
  GSE5589_LPS_VS_LPS_AND_IL10_STIM_IL6_KO_MACROPHAGE_180MIN_UP, GSE5589_LPS_VS_LPS_AND_IL10_STIM_IL6_KO_MACROPHAGE_180MIN_UP
  GSE24210_RESTING_TREG_VS_TCONV_UP, GSE24210_RESTING_TREG_VS_TCONV_UP
  GSE5589_LPS_AND_IL10_VS_LPS_AND_IL6_STIM_MACROPHAGE_45MIN_UP, GSE5589_LPS_AND_IL10_VS_LPS_AND_IL6_STIM_MACROPHAGE_45MIN_UP
  GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP, GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP
  GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP, GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP
  GSE6259_FLT3L_INDUCED_33D1_POS_DC_VS_BCELL_DN, GSE6259_FLT3L_INDUCED_33D1_POS_DC_VS_BCELL_DN
  GSE17721 CTRL VS CPG 6H BMDC UP, GSE17721 CTRL VS CPG 6H BMDC UP
  GSE42724_MEMORY_BCELL_VS_PLASMABLAST_DN, GSE42724_MEMORY_BCELL_VS_PLASMABLAST_DN
  GSE6092_IFNG_VS_IFNG_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP, GSE6092_IFNG_VS_IFNG_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP
  GSE7768 OVA WITH LPS VS OVA WITH MPL IMMUNIZED MOUSE WHOLE SPLEEN 6H UP, GSE7768 OVA WITH LPS VS OVA WITH MPL IMMUNIZED MOUSE W
  GSE46606_IRF4_KO_VS_WT_UNSTIM_BCELL_UP, GSE46606_IRF4_KO_VS_WT_UNSTIM_BCELL_UP
  GSE8835_CD4_VS_CD8_TCELL_UP, GSE8835_CD4_VS_CD8_TCELL_UP
  GSE26343_UNSTIM_VS_LPS_STIM_MACROPHAGE_DN, GSE26343_UNSTIM_VS_LPS_STIM_MACROPHAGE_DN
  GSE35685_CD34POS_CD10NEG_CD62LPOS_VS_CD34POS_CD10POS_BONE_MARROW_UP, GSE35685_CD34POS_CD10NEG_CD62LPOS_VS_CD34POS_CD10POS_BONE_MARRO
  GSE22919_RESTING_VS_IL2_IL12_IL15_STIM_NK_CELL_DN, GSE22919_RESTING_VS_IL2_IL12_IL15_STIM_NK_CELL_DN
  GSE35825_UNTREATED_VS_IFNG_STIM_MACROPHAGE_DN, GSE35825_UNTREATED_VS_IFNG_STIM_MACROPHAGE_DN
  GSE23984_CTRL_VS_HYPOCALEMIC_VITAMIND_ANALOG_TCELL_DN, GSE23984_CTRL_VS_HYPOCALEMIC_VITAMIND_ANALOG_TCELL_DN
  GSE4535 BM_DERIVED_DC_VS_FOLLICULAR_DC_UP, GSE4535 BM_DERIVED_DC_VS_FOLLICULAR_DC_UP
  GSE17721 0.5H VS 4H PAM3CSK4 BMDC UP, GSE17721 0.5H VS 4H PAM3CSK4 BMDC UP
  GSE24292_WT_VS_PPARG_KO_MACROPHAGE_DN, GSE24292_WT_VS_PPARG_KO_MACROPHAGE_DN
  GSE8384_CTRL_VS_B_ABORTUS_4H_MAC_CELL_LINE_UP, GSE8384_CTRL_VS_B_ABORTUS_4H_MAC_CELL_LINE_UP
  GSE32986_CURDLAN_LOWDOSE_VS_CURDLAN_HIGHDOSE_STIM_DC_UP, GSE32986_CURDLAN_LOWDOSE_VS_CURDLAN_HIGHDOSE_STIM_DC_UP
  GSE21546_SAP1A_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_DN, GSE21546_SAP1A_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_DN
  GSE7852 TREG VS TCONV FAT DN, GSE7852 TREG VS TCONV FAT DN
  GSE17301_CTRL_VS_48H_ACD3_ACD28_IFNA5_STIM_CD8_TCELL_UP, GSE17301_CTRL_VS_48H_ACD3_ACD28_IFNA5_STIM_CD8_TCELL_UP
  GSE27786_BCELL_VS_CD8_TCELL_UP, GSE27786_BCELL_VS_CD8_TCELL_UP
  GSE17721_0.5H_VS_12H_PAM3CSK4_BMDC_UP, GSE17721_0.5H_VS_12H_PAM3CSK4_BMDC_UP
  GSE32986_GMCSF_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_UP, GSE32986_GMCSF_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_UP
  GSE26343_WT_VS_NFAT5_KO_MACROPHAGE_LPS_STIM_DN, GSE26343_WT_VS_NFAT5_KO_MACROPHAGE_LPS_STIM_DN
  GSE26343_WT_VS_NFAT5_KO_MACROPHAGE_LPS_STIM_UP, GSE26343_WT_VS_NFAT5_KO_MACROPHAGE_LPS_STIM_UP
  GSE12392_WT_VS_IFNB_KO_CD8A_NEG_SPLEEN_DC_DN, GSE12392_WT_VS_IFNB_KO_CD8A_NEG_SPLEEN_DC_DN
  GSE27786_BCELL_VS_NKTCELL_DN, GSE27786_BCELL_VS_NKTCELL_DN
  GSE23505_UNTREATED_VS_4DAY_IL6_IL1_IL23_TREATED_CD4_TCELL_DN, GSE23505_UNTREATED_VS_4DAY_IL6_IL1_IL23_TREATED_CD4_TCELL_DN
  GSE40274_CTRL_VS_FOXP3_AND_PBX1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_FOXP3_AND_PBX1_TRANSDUCED_ACTIVATED_CD4_TCELL_UI
  GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_UP, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_UP
  GSE46606 UNSTIM VS CD40L IL2 IL5 DAY1 STIMULATED BCELL UP, GSE46606 UNSTIM VS CD40L IL2 IL5 DAY1 STIMULATED BCELL UP
  GSE9037_WT_VS_IRAK4_KO_LPS_4H_STIM_BMDM_DN, GSE9037_WT_VS_IRAK4_KO_LPS_4H_STIM_BMDM_DN
  GSE17721_PAM3CSK4_VS_GADIQUIMOD_4H_BMDC_DN, GSE17721_PAM3CSK4_VS_GADIQUIMOD_4H_BMDC_DN
  GSE19941_UNSTIM_VS_LPS_AND_IL10_STIM_IL10_KO_NFKBP50_KO_MACROPHAGE_DN, GSE19941_UNSTIM_VS_LPS_AND_IL10_KO_NFKBP50_KO_MACROPHAGE_DN, GSE19941_UNSTIM_VS_LPS_AND_IL10_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_NFKBP50_KO_
 GSE38304_MYC_NEG_VS_POS_GC_BCELL_UP, GSE38304_MYC_NEG_VS_POS_GC_BCELL_UP
 GSE7852 LN_VS_FAT_TREG_DN, GSE7852 LN_VS_FAT_TREG_DN
ATGCAGT_MIR217, ATGCAGT_MIR217
  GSE25088_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_UP, GSE25088_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_UP
  GSE44649_WT_VS_MIR155_KO_NAIVE_CD8_TCELL_UP, GSE44649_WT_VS_MIR155_KO_NAIVE_CD8_TCELL_UP
  GSE40274_GATA1_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_GATA1_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TC
  GSE28737_WT_VS_BCL6_HET_MARGINAL_ZONE_BCELL_UP, GSE28737_WT_VS_BCL6_HET_MARGINAL_ZONE_BCELL_UP
  GSE2585_AIRE_KO_VS_WT_CD80_HIGH_MTEC_DN, GSE2585_AIRE_KO_VS_WT_CD80_HIGH_MTEC_DN
  GSE27786_CD4_TCELL_VS_NKTCELL_DN, GSE27786_CD4_TCELL_VS_NKTCELL_DN
  PID_FCER1_PATHWAY, PID_FCER1_PATHWAY
  BREDEMEYER_RAG_SIGNALING_VIA_ATM_NOT_VIA_NFKB_UP, BREDEMEYER_RAG_SIGNALING_VIA_ATM_NOT_VIA_NFKB_UP
  GSE11924_TH2_VS_TH17_CD4_TCELL_UP, GSE11924_TH2_VS_TH17_CD4_TCELL_UP
  GSE6259_33D1_POS_DC_VS_BCELL_UP, GSE6259_33D1_POS_DC_VS_BCELL_UP
  GO_PURINE_CONTAINING_COMPOUND_CATABOLIC_PROCESS, GO_PURINE_CONTAINING_COMPOUND_CATABOLIC_PROCESS
  GSE17721_PAM3CSK4_VS_GADIQUIMOD_4H_BMDC_UP, GSE17721_PAM3CSK4_VS_GADIQUIMOD_4H_BMDC_UP
  SASAI_RESISTANCE_TO_NEOPLASTIC_TRANSFROMATION, SASAI_RESISTANCE_TO_NEOPLASTIC_TRANSFROMATION
  GO_NEGATIVE_REGULATION_OF_CELL_PROJECTION_ORGANIZATION, GO_NEGATIVE_REGULATION_OF_CELL_PROJECTION_ORGANIZATION
  GO_RIBONUCLEOTIDE_CATABOLIC_PROCESS, GO_RIBONUCLEOTIDE_CATABOLIC_PROCESS
  GO_MICROVILLUS_ORGANIZATION, GO_MICROVILLUS_ORGANIZATION
  GO_NUCLEOSIDE_PHOSPHATE_CATABOLIC_PROCESS, GO_NUCLEOSIDE_PHOSPHATE_CATABOLIC_PROCESS
  GO_NON_MEMBRANE_SPANNING_PROTEIN_TYROSINE_KINASE_ACTIVITY, GO_NON_MEMBRANE_SPANNING_PROTEIN_TYROSINE_KINASE_ACTIVITY
  VALK_AML_CLUSTER_11, VALK_AML_CLUSTER_11
  NICK_RESPONSE_TO_PROC_TREATMENT_DN, NICK_RESPONSE_TO_PROC_TREATMENT_DN
  PID_PI3KCI_PATHWAY, PID_PI3KCI_PATHWAY
  GSE37301_LYMPHOID_PRIMED_MPP_VS_RAG2_KO_NK_CELL_DN, GSE37301_LYMPHOID_PRIMED_MPP_VS_RAG2_KO_NK_CELL_DN
  GSE9037_WT_VS_IRAK4_KO_LPS_1H_STIM_BMDM_DN, GSE9037_WT_VS_IRAK4_KO_LPS_1H_STIM_BMDM_DN
  chr1p35, chr1p35
  GO_INNERVATION, GO_INNERVATION
  GO_DNA_POLYMERASE_BINDING, GO_DNA_POLYMERASE_BINDING
  GGCKCATGS_UNKNOWN, GGCKCATGS_UNKNOWN
  CHEBOTAEV_GR_TARGETS_UP, CHEBOTAEV_GR_TARGETS_UP
 SMID_BREAST_CANCER_RELAPSE_IN_LUNG_UP, SMID_BREAST_CANCER_RELAPSE_IN_LUNG_UP
  SCHEIDEREIT_IKK_INTERACTING_PROTEINS, SCHEIDEREIT_IKK_INTERACTING_PROTEINS
 GSE41978_ID2_KO_AND_BIM_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_ID2_KO_AND_BIM_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCI
 BANDRES_RESPONSE_TO_CARMUSTIN_WITHOUT_MGMT_48HR_DN, BANDRES_RESPONSE_TO_CARMUSTIN_WITHOUT_MGMT_48HR_DN
  KOBAYASHI_EGFR_SIGNALING_6HR_DN, KOBAYASHI_EGFR_SIGNALING_6HR_DN
  GO_LIPOPROTEIN_PARTICLE_RECEPTOR_ACTIVITY, GO_LIPOPROTEIN_PARTICLE_RECEPTOR_ACTIVITY
  GSE9946_IMMATURE_VS_LISTERIA_INF_MATURE_DC_DN, GSE9946_IMMATURE_VS_LISTERIA_INF_MATURE_DC_DN
  GO_LOW_DENSITY_LIPOPROTEIN_RECEPTOR_ACTIVITY, GO_LOW_DENSITY_LIPOPROTEIN_RECEPTOR_ACTIVITY
 GO_REGULATION_OF_NUCLEAR_CELL_CYCLE_DNA_REPLICATION, GO_REGULATION_OF_NUCLEAR_CELL_CYCLE_DNA_REPLICATION
 REACTOME_P75_NTR_RECEPTOR_MEDIATED_SIGNALLING, REACTOME_P75_NTR_RECEPTOR_MEDIATED_SIGNALLING
  GO_AXONAL_FASCICULATION, GO_AXONAL_FASCICULATION
  GO RESPONSE TO LEPTIN, GO RESPONSE TO LEPTIN
  GO_LUNG_ALVEOLUS_DEVELOPMENT, GO_LUNG_ALVEOLUS_DEVELOPMENT
  GO_REGULATION_OF_ENERGY_HOMEOSTASIS, GO_REGULATION_OF_ENERGY_HOMEOSTASIS
  EN1_01, EN1_01
  BOYERINAS_ONCOFETAL_TARGETS_OF_LET7A1, BOYERINAS_ONCOFETAL_TARGETS_OF_LET7A1
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GSE21063_WT_VS_NFATC1_KO_16H_ANTI_IGM_STIM_BCELL_DN, GSE21063_WT_VS_NFATC1_KO_16H_ANTI_IGM_STIM_BCELL_DN

WT_VS_E2-2_KO_PDC_UP, GSE24726_WT_VS_E2-2_KO_PDC_UP