

ELL_VS_MEMORY_BCELL_DN, GSE12366_PLASMA_CELL_VS_MEMORY_BCELL_DN

GSE10239_NAIVE_VS_MEMORY_CD8_TCELL_UP, GSE10239_NAIVE_VS_MEMORY_CD8_TCELL_UP
GSE13411_PLASMA_CELL_VS_MEMORY_BCELL_DN, GSE13411_PLASMA_CELL_VS_MEMORY_BCELL_DN
GSE43863_DAY6_EFF_VS_DAY150_MEM_IL6C_INT_CXCR5POS_CD4_TCELL_DN, GSE43863_DAY6_EFF_VS_DAY150_MEM_IL6C_INT_CXCR5POS_CD4_TCELL_DN
GSE22886_JCG_JGA_MEMORY_BCELL_VS_BM_PLASMA_CELL_UP, GSE22886_JCG_JGA_MEMORY_BCELL_VS_BM_PLASMA_CELL_UP
GSE7831_UNSTIM_VS_CPG_STIM_PDC_IH_UP, GSE7831_UNSTIM_VS_CPG_STIM_PDC_IH_UP
GSE12366_PLASMA_CELL_VS_NAIVE_BCELL_DN, GSE12366_PLASMA_CELL_VS_NAIVE_BCELL_DN
GSE12366_GC_VS_MEMORY_BCELL_DN, GSE12366_GC_VS_MEMORY_BCELL_DN
GSE12366_GC_VS_NAIVE_BCELL_DN, GSE12366_GC_VS_NAIVE_BCELL_DN
GSE20727_CTRL_VS_H2O2_TREATED_DC_DN, GSE20727_CTRL_VS_H2O2_TREATED_DC_DN
GSE22886_NAIVE_BCELL_VS_BM_PLASMA_CELL_UP, GSE22886_NAIVE_BCELL_VS_BM_PLASMA_CELL_UP
GSE20484_MCSG_VS_CXCL4_MONOCYTE_DERIVED_MACROPHAGE_DN, GSE20484_MCSG_VS_CXCL4_MONOCYTE_DERIVED_MACROPHAGE_DN
GSE5099_CLASSICAL_M1_VS_ALTERNATIVE_M2_MACROPHAGE_UP, GSE5099_CLASSICAL_M1_VS_ALTERNATIVE_M2_MACROPHAGE_UP
GSE24210_CTRL_VS_IL35_TREATED_TCONV_CD4_TCELL_UP, GSE24210_CTRL_VS_IL35_TREATED_TCONV_CD4_TCELL_UP
GSE10239_NAIVE_VS_DAY4.5_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_DAY4.5_EFF_CD8_TCELL_UP
GSE40225_WT_VS_RIP_B7X_DIABETIC_MOUSE_PANCREATIC_CD8_TCELL_UP, GSE40225_WT_VS_RIP_B7X_DIABETIC_MOUSE_PANCREATIC_CD8_TCELL_UP
GSE13411_NAIVE_BCELL_VS_PLASMA_CELL_UP, GSE13411_NAIVE_BCELL_VS_PLASMA_CELL_UP
GSE20727_CTRL_VS_H2O2_TREATED_DC_UP, GSE20727_CTRL_VS_H2O2_TREATED_DC_UP
GSE3039_ALPHA_BETA_CD8_TCELL_VS_B1_BCELL_UP, GSE3039_ALPHA_BETA_CD8_TCELL_VS_B1_BCELL_UP
GSE22886_NAIVE_BCELL_VS_BLOOD_PLASMA_CELL_UP, GSE22886_NAIVE_BCELL_VS_BLOOD_PLASMA_CELL_UP
GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMCDN, GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMCDN
GSE5589_UNSTIM_VS_180MIN_LPS_AND_IL10_STIM_MACROPHAGE_DN, GSE5589_UNSTIM_VS_180MIN_LPS_AND_IL10_STIM_MACROPHAGE_DN
GSE30962_ACUTE_VS_CHRONIC_LCMV_SECONDARY_INF_CD8_TCELL_UP, GSE30962_ACUTE_VS_CHRONIC_LCMV_SECONDARY_INF_CD8_TCELL_UP
GSE10239_NAIVE_VS_KLRG1HIGH_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_KLRG1HIGH_EFF_CD8_TCELL_UP
GSE5679_PPARG_LIGAND_ROSIGLITAZONE_VS_RARA_AAGONIST_AM580_TREATED_DC_DN, GSE5679_PPARG_LIGAND_ROSIGLITAZONE_VS_RARA_AAGONIST_AM580_TREATED_DC_DN
GSE1460_CD4_THYMOCYTE_VS_THYMIC_STROMAL_CELL_UP, GSE1460_CD4_THYMOCYTE_VS_THYMIC_STROMAL_CELL_UP
GSE29164_DAY3_VS_DAY7_UNTREATED_MELANOMA_UP, GSE29164_DAY3_VS_DAY7_UNTREATED_MELANOMA_UP
PASQUALUCCI_LYMPHOMA_BY_GC_STAGE_DN, PASQUALUCCI_LYMPHOMA_BY_GC_STAGE_DN
MIR12135, MIR12135
GSE38304_MYC_NEG_VS_POS_GC_BCELL_UP, GSE38304_MYC_NEG_VS_POS_GC_BCELL_UP
AIZARANI_LIVER_C34_MHC_IL2_POS_B_CELLS, AIZARANI_LIVER_C34_MHC_IL2_POS_B_CELLS
GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_UP, GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_UP
GSE28237_FOLLICULAR_VS_EARLY_GC_BCELL_UP, GSE28237_FOLLICULAR_VS_EARLY_GC_BCELL_UP
GSE5455_EX_VIVO_VS_POST_24H_INCUBATION_MONOCYTES_FROM_TUMOR_BEARING_MOUSE_DN, GSE5455_EX_VIVO_VS_POST_24H_INCUBATION_MONOCYTES_FROM_TUMOR_BEARING_MOUSE_DN
GSE1448_CTRL_VS_ANTLVBETA5_DP_THYMOCYTE_DN, GSE1448_CTRL_VS_ANTLVBETA5_DP_THYMOCYTE_DN
GSE29618_BCELL_VS_PDC_DAY7_FLU_VACCINE_UP, GSE29618_BCELL_VS_PDC_DAY7_FLU_VACCINE_UP
GSE22886_NAIVE_BCELL_VS_DC_UP, GSE22886_NAIVE_BCELL_VS_DC_UP
GSE43955_10H_VS_30H_ACT_CD4_TCELL_UP, GSE43955_10H_VS_30H_ACT_CD4_TCELL_UP
GSE10325_CD4_TCELL_VS_BCELL_DN, GSE10325_CD4_TCELL_VS_BCELL_DN
GSE36009_UNSTIM_VS_LPS_STIM_DC_UP, GSE36009_UNSTIM_VS_LPS_STIM_DC_UP
RYAN_MANTLE_CELL_LYMPHOMA_NOTCH_DIRECT_UP, RYAN_MANTLE_CELL_LYMPHOMA_NOTCH_DIRECT_UP
GSE22432_MULTIPOTENT_PROGENITOR_VS_PDC_UP, GSE22432_MULTIPOTENT_PROGENITOR_VS_PDC_UP
GSE7568_IL4_VS_IL4_AND_DEXAMETHASONE_TREATED_MACROPHAGE_DN, GSE7568_IL4_VS_IL4_AND_DEXAMETHASONE_TREATED_MACROPHAGE_DN
REACTOME_MYD88_INDEPENDENT_TLR4_CASCADE, REACTOME_MYD88_INDEPENDENT_TLR4_CASCADE
MIR1253, MIR1253
GNF2_PTPN6, GNF2_PTPN6
WP_B_CELL_RECEPTOR_SIGNALING_PATHWAY, WP_B_CELL_RECEPTOR_SIGNALING_PATHWAY
GNF2_HLA_C, GNF2_HLA_C
GSE40274_CTRL_VS_FOXP3_AND_PBX1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_FOXP3_AND_PBX1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
GSE43955_10H_VS_30H_ACT_CD4_TCELL_WITH_TGFB_IL6_UP, GSE43955_10H_VS_30H_ACT_CD4_TCELL_WITH_TGFB_IL6_UP
GNF2_INPP5D, GNF2_INPP5D
GSE3982_CENT_MEMORY_CD4_TCELL_VS_NKCELL_UP, GSE3982_CENT_MEMORY_CD4_TCELL_VS_NKCELL_UP
MIR196A_5P, MIR196B_5P, MIR196A_5P, MIR196B_5P
GSE40274_CTRL_VS_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_CTRL_VS_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
MIR890, MIR890
PID_CERAMIDE_PATHWAY, PID_CERAMIDE_PATHWAY
MORF_PRE_B_LYMPHOCYTE_DN, MORF_PRE_B_LYMPHOCYTE_DN
WP_ADIPOGENESIS, WP_ADIPOGENESIS
REACTOME_TNF_SIGNALING, REACTOME_TNF_SIGNALING
MIR203B_3P, MIR203B_3P
MIR649, MIR649
MIR3136_5P, MIR3136_5P
MORF_LARGE_PRE_BIL_LYMPHOCYTE_DN, MORF_LARGE_PRE_BIL_LYMPHOCYTE_DN
GOBP_RESPONSE_TO_ACID_CHEMICAL, GOBP_RESPONSE_TO_ACID_CHEMICAL
REACTOME_ENDOSOMAL_SORTING_COMPLEX_REQUIRED_FOR_TRANSPORT_ESCRT, REACTOME_ENDOSOMAL_SORTING_COMPLEX_REQUIRED_FOR_TRANSPORT_ESCRT
ZHAN_MULTIPLE_MYELOMA_CD1_AND_CD2_DN, ZHAN_MULTIPLE_MYELOMA_CD1_AND_CD2_DN
MODULE_169, MODULE_169
MIR4708_3P, MIR4708_3P
GOBP_CELLULAR_RESPONSE_TO_ACID_CHEMICAL, GOBP_CELLULAR_RESPONSE_TO_ACID_CHEMICAL
MIR4439, MIR4439
HP_AIRWAY_OBSTRUCTION, HP_AIRWAY_OBSTRUCTION
GOBP_MYD88_INDEPENDENT_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY, GOBP_MYD88_INDEPENDENT_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY
YTCCCRNNAGGY_UNKNOWN, YTCCCRNNAGGY_UNKNOWN
MIR1286, MIR1286
HAY_BONE_MARROW_CD34_POS_PRE_B, HAY_BONE_MARROW_CD34_POS_PRE_B
GOBP_NUCLEOTIDE_BINDING_DOMAIN_LEUCINE_RICH_REPEAT_CONTAINING_RECEPTOR_SIGNALING_PATHWAY, GOBP_NUCLEOTIDE_BINDING_DOMAIN_LEUCINE_RICH_REPEAT_CONTAINING_RECEPTOR_SIGNALING_PATHWAY
MIR6513_5P, MIR6513_5P
REACTOME_SIGNALING_BY_CSF3_G_CSF, REACTOME_SIGNALING_BY_CSF3_G_CSF
GSE17721_POLYIC_VS_CPG_05H_BMDC_UP, GSE17721_POLYIC_VS_CPG_05H_BMDC_UP
TCGA_GLIOMASTOMA_COPY_NUMBER_UP, TCGA_GLIOMASTOMA_COPY_NUMBER_UP
HP_ABNORMALITY_OF_THE_THORACIC_CAVITY, HP_ABNORMALITY_OF_THE_THORACIC_CAVITY
GOBP_REGULATION_OF_B_CELL_PROLIFERATION, GOBP_REGULATION_OF_B_CELL_PROLIFERATION
GOMF_VITAMIN_D_RECEPTOR_BINDING, GOMF_VITAMIN_D_RECEPTOR_BINDING
REACTOME_BUDDING_AND_MATURATION_OF_HIV_VIRION, REACTOME_BUDDING_AND_MATURATION_OF_HIV_VIRION
REACTOME_NOD1_2_SIGNALING_PATHWAY, REACTOME_NOD1_2_SIGNALING_PATHWAY
KUROZUMI_RESPONSE_TO_ONCOCYTIC_VIRUS, KUROZUMI_RESPONSE_TO_ONCOCYTIC_VIRUS
MIR4780, MIR4780
WWTAAGGC_UNKNOWN, WWTAAGGC_UNKNOWN
REACTOME_LATE_ENDOSOMAL_MICROAUTOPHAGY, REACTOME_LATE_ENDOSOMAL_MICROAUTOPHAGY
MIR2114_5P, MIR2114_5P
REACTOME_GLYCOGEN_SYNTHESIS, REACTOME_GLYCOGEN_SYNTHESIS
GOBP_RAB_PROTEIN_SIGNAL_TRANSDUCTION, GOBP_RAB_PROTEIN_SIGNAL_TRANSDUCTION
REACTOME_TICAM1_RIP1_MEDIATED_IKK_COMPLEX_RECRUITMENT, REACTOME_TICAM1_RIP1_MEDIATED_IKK_COMPLEX_RECRUITMENT
MIR7151_5P, MIR7151_5P
PID_CDC42_REG_PATHWAY, PID_CDC42_REG_PATHWAY
GOBP_GNULOCYTE_DIFFERENTIATION, GOBP_GNULOCYTE_DIFFERENTIATION
GOBP_REGULATION_OF_LYMPHOCYTE_MIGRATION, GOBP_REGULATION_OF_LYMPHOCYTE_MIGRATION
HP_ABNORMAL_B_CELL_MORPHOLOGY, HP_ABNORMAL_B_CELL_MORPHOLOGY
BIOCARTA_PPARG_PATHWAY, BIOCARTA_PPARG_PATHWAY
GOBP_SYNAPTIC_VESICLE_ENDOSOMAL_PROCESSING, GOBP_SYNAPTIC_VESICLE_ENDOSOMAL_PROCESSING
HP_B_CELL_LYMPHOMA, HP_B_CELL_LYMPHOMA
REACTOME_ASSEMBLY_OF_THE_HIV_VIRION, REACTOME_ASSEMBLY_OF_THE_HIV_VIRION
SOBOLEV_PBMCD_PANDEMRIX_AGE_18_64YO_MEDIUM_HIGH_ADVERSE_EVENT_SUBJECTS_1DY_UP, SOBOLEV_PBMCD_PANDEMRIX_AGE_18_64YO_MEDIUM_HIGH_ADVERSE_EVENT_SUBJECTS_1DY_UP
KLEIN_PRIMARY_EFFUSION_LYMPHOMA_DN, KLEIN_PRIMARY_EFFUSION_LYMPHOMA_DN
HP_BROAD_NECK, HP_BROAD_NECK
SRF_01, SRF_01
GOBP_NEGATIVE_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY
REACTOME_IKK_COMPLEX_RECRUITMENT_MEDIATED_BY_RIP1, REACTOME_IKK_COMPLEX_RECRUITMENT_MEDIATED_BY_RIP1
REACTOME_JNK_CJUN_KINASES_PHOSPHORYLATION_AND_ACTIVATION_MEDIATED_BY_ACTIVATED_HUMAN_TAK1, REACTOME_JNK_CJUN_KINASES_PHOSPHORYLATION_AND_ACTIVATION_MEDIATED_BY_ACTIVATED_HUMAN_TAK1
HANSON_HRAS_SIGNALING_VIA_NFKB, HANSON_HRAS_SIGNALING_VIA_NFKB
GOBP_POSITIVE_REGULATION_OF_MONOOXYGENASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_MONOOXYGENASE_ACTIVITY
GOBP_REGULATION_OF_MONOOXYGENASE_ACTIVITY, GOBP_REGULATION_OF_MONOOXYGENASE_ACTIVITY
JECHLINGER_EPITHELIAL_TO_MESENCHYMAL_TRANSITION_DN, JECHLINGER_EPITHELIAL_TO_MESENCHYMAL_TRANSITION_DN
GOBP_EMBRYONIC_HEMOPOIESIS, GOBP_EMBRYONIC_HEMOPOIESIS
HP_ANTINEUTROPHIL_ANTIBODY_POSITIVITY, HP_ANTINEUTROPHIL_ANTIBODY_POSITIVITY
GOCC_MYOFILAMENT, GOCC_MYOFILAMENT
SOBOLEV_PBMCD_PANDEMRIX_AGE_18_64YO_HIGH_VS_LOW_RESPONDERS_MEDIUM_HIGH_ADVERSE_EVENTS_SCORE_1DY_CORRELATED_WITH_TRANSITIONAL_B_CELLS_UP, SOBOLEV_PBMCD_PANDEMRIX_AGE_18_64YO_HIGH_VS_LOW_RESPONDERS_MEDIUM_HIGH_ADVERSE_EVENTS_SCORE_1DY_CORRELATED_WITH_TRANSITIONAL_B_CELLS_UP
WP_RAS_AND_BRADYKININ_PATHWAYS_IN_COVID19, WP_RAS_AND_BRADYKININ_PATHWAYS_IN_COVID19
WP_TGFBETA_RECEPTOR_SIGNALLING_IN_SKELETAL_DYSPLASIAS, WP_TGFBETA_RECEPTOR_SIGNALLING_IN_SKELETAL_DYSPLASIAS
GOCC_STRIATED_MUSCLE_THIN_FILAMENT, GOCC_STRIATED_MUSCLE_THIN_FILAMENT
GOBP_ACTIN_FILAMENT_SEVERING, GOBP_ACTIN_FILAMENT_SEVERING
GOBP_REGULATION_OF_NITRIC_OXIDE_SYNTHASE_ACTIVITY, GOBP_REGULATION_OF_NITRIC_OXIDE_SYNTHASE_ACTIVITY
XU_RESPONSE_TO_TRETINOIN_AND_NSC682994_UP, XU_RESPONSE_TO_TRETINOIN_AND_NSC682994_UP
ERWIN_COHEN_PBMCD_TC_83_AGE_18_45YO_NON_RESPONDERS_PREVIOUSLY_IMMUNIZED_24HR_DEG_CANONICAL_PATHWAY_MEMBERS_UP, ERWIN_COHEN_PBMCD_TC_83_AGE_18_45YO_NON_RESPONDERS_PREVIOUSLY_IMMUNIZED_24HR_DEG_CANONICAL_PATHWAY_MEMBERS_UP
REACTOME_SIGNALING_BY_BMP, REACTOME_SIGNALING_BY_BMP
GOBP_SCHWANN_CELL_DIFFERENTIATION, GOBP_SCHWANN_CELL_DIFFERENTIATION
HP_NEPHRITIS, HP_NEPHRITIS
HOLLERN_SQUAMOUS_BREAST_TUMOR, HOLLERN_SQUAMOUS_BREAST_TUMOR
WP_SARSCOV2_INNATE_IMMUNITY_EVASION_AND_CELLSPECIFIC_IMMUNE_RESPONSE, WP_SARSCOV2_INNATE_IMMUNITY_EVASION_AND_CELLSPECIFIC_IMMUNE_RESPONSE
GOBP_INTERLEUKIN_4_MEDIATED_SIGNALING_PATHWAY, GOBP_INTERLEUKIN_4_MEDIATED_SIGNALING_PATHWAY
KEGG_ASTHMA, KEGG_ASTHMA
MIR6874_5P, MIR6874_5P
WP_NOCGMPPKG_MEDIATED_NEUROPROTECTION, WP_NOCGMPPKG_MEDIATED_NEUROPROTECTION
GUTIERREZ_WALDENSTROEMS_MACROGLOBULINEMIA_1_UP, GUTIERREZ_WALDENSTROEMS_MACROGLOBULINEMIA_1_UP
REACTOME_IRAK2_MEDIATED_ACTIVATION_OF_TAK1_COMPLEX, REACTOME_IRAK2_MEDIATED_ACTIVATION_OF_TAK1_COMPLEX
GOBP_REGULATION_OF_GNULOCYTE_DIFFERENTIATION, GOBP_REGULATION_OF_GNULOCYTE_DIFFERENTIATION
GOMF_TROPOMYOSIN_BINDING, GOMF_TROPOMYOSIN_BINDING
GOCC_CELL_BODY_MEMBRANE, GOCC_CELL_BODY_MEMBRANE
GOBP_VITAMIN_D_METABOLIC_PROCESS, GOBP_VITAMIN_D_METABOLIC_PROCESS
BANDRES_RESPONSE_TO_CARMUSTIN_MGMT_24HR_DN, BANDRES_RESPONSE_TO_CARMUSTIN_MGMT_24HR_DN
GOBP_POSITIVE_REGULATION_OF_AMYLOID_PRECURSOR_PROTEIN_BIOSYNTHETIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_AMYLOID_PRECURSOR_PROTEIN_BIOSYNTHETIC_PROCESS
GOBP_RESPONSE_TO_INTERLEUKIN_9, GOBP_RESPONSE_TO_INTERLEUKIN_9
HP_C1_C2_VERTEBRAL_ABNORMALITY, HP_C1_C2_VERTEBRAL_ABNORMALITY
REACTOME_STRIATED_MUSCLE_CONTRACTION, REACTOME_STRIATED_MUSCLE_CONTRACTION
CAGNWMCNNGAC_UNKNOWN, CAGNWMCNNGAC_UNKNOWN
GOCC_CYTOPLASMIC_SIDE_OF_ROUGH_ENDOPLASMIC_RETICULUM_MEMBRANE, GOCC_CYTOPLASMIC_SIDE_OF_ROUGH_ENDOPLASMIC_RETICULUM_MEMBRANE
GOBP_MYOFIBRIL_ASSEMBLY, GOBP_MYOFIBRIL_ASSEMBLY