```
GSE23984_CTRL_VS_HYPOCALEMIC_VITAMIND_ANALOG_TCELL_DN, GSE23984_CTRL_VS_HYPOCALEMIC_VITAMIND_ANALOG_TCELL_DN
                                                                                                                    GSE27859_CD11C_INT_F480_HI_MACROPHAGE_VS_CD11C_ING_F480_INT_DC_UP, GSE27859_CD11C_INT_F480_HI_MACROPHAGE_VS_CD11C_ING_F480_INT_DC_UP
                                                                                                                    GSE43863_DAY6_EFF_VS_DAY150_MEM_LY6C_INT_CXCR5POS_CD4_TCELL_DN, GSE43863_DAY6_EFF_VS_DAY150_MEM_LY6C_INT_CXCR5POS_CD4_TCELL_DN
                                                                                                                    GSE5589_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_45MIN_UP, GSE5589_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_45MIN_UP
                                                                                                                    GSE32986_CURDLAN_HIGHDOSE_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_UP, GSE32986_CURDLAN_HIGHDOSE_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_UP
                                                                                                                    GSE2770_UNTREATED_VS_TGFB_AND_IL4_TREATED_ACT_CD4_TCELL_4H_UP, GSE2770_UNTREATED_VS_TGFB_AND_IL4_TREATED_ACT_CD4_TCELL_4H_UP
                                                                                                                    GSE5589_IL6_KO_VS_IL10_KO_LPS_STIM_MACROPHAGE_45MIN_UP, GSE5589_IL6_KO_VS_IL10_KO_LPS_STIM_MACROPHAGE_45MIN_UP
                                                                                                                    GSE7768_OVA_ALONE_VS_OVA_WITH_LPS_IMMUNIZED_MOUSE_WHOLE_SPLEEN_6H_UP, GSE7768_OVA_ALONE_VS_OVA_WITH_LPS_IMMUNIZED_MOUSE_WHOLE_SPLEEN_6H_UP
                                                                                                                    GSE22432_PDC_VS_TGFB1_TREATEDCOMMON_DC_PROGENITOR_DN, GSE22432_PDC_VS_TGFB1_TREATEDCOMMON_DC_PROGENITOR_DN
                                                                                                                    GSE3920_UNTREATED_VS_IFNB_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_UNTREATED_VS_IFNB_TREATED_ENDOTHELIAL_CELL_UP
                                                                                                                    GSE37416_0H_VS_12H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_12H_F_TULARENSIS_LVS_NEUTROPHIL_DN
                                                                                                                    GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN3_THYMOCYTE_ADULT_UP, GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN3_THYMOCYTE_ADULT_UP
                                                                                                                    GSE22432_UNTREATED_VS_TGFB1_TREATED_COMMON_DC_PROGENITOR_DN, GSE22432_UNTREATED_VS_TGFB1_TREATED_COMMON_DC_PROGENITOR_DN
                                                                                                                    GSE6674_PL2_3_VS_ANTI_IGM_AND_CPG_STIM_BCELL_DN, GSE6674_PL2_3_VS_ANTI_IGM_AND_CPG_STIM_BCELL_DN
                                                                                                                    GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_DN, GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_DN
                                                                                                                    GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_UP, GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_UP
                                                                                                                    MIR6828_5P, MIR6828_5P
                                                                                                                    GSE27859_DC_VS_CD11C_INT_F480_INT_DC_UP, GSE27859_DC_VS_CD11C_INT_F480_INT_DC_UP
                                                                                                                    GSE23502 WT VS HDC KO MYELOID DERIVED SUPPRESSOR CELL BM UP, GSE23502 WT VS HDC KO MYELOID DERIVED SUPPRESSOR CELL BM UP
                                                                                                                    GSE17721_POLYIC_VS_PAM3CSK4_8H_BMDC_UP, GSE17721_POLYIC_VS_PAM3CSK4_8H_BMDC_UP
                                                                                                                    GSE4984_GALECTIN1_VS_LPS_STIM_DC_UP, GSE4984_GALECTIN1_VS_LPS_STIM_DC_UP
                                                                                                                    GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_48H_CD8_T_CELL_UP, GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_48H_CD8_T_CELL_UP
                                                                                                                    GSE17721_POLYIC_VS_PAM3CSK4_12H_BMDC_UP, GSE17721_POLYIC_VS_PAM3CSK4_12H_BMDC_UP
                                                                                                                    GSE10240_IL22_VS_IL22_AND_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_DN, GSE10240_IL22_VS_IL22_AND_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_DN
                                                                                                                    LAKE_ADULT_KIDNEY_C4_PROXIMAL_TUBULE_EPITHELIAL_CELLS_S2, LAKE_ADULT_KIDNEY_C4_PROXIMAL_TUBULE_EPITHELIAL_CELLS_S2
                                                                                                                    GSE36392_TYPE_2_MYELOID_VS_EOSINOPHIL_IL25_TREATED_LUNG_DN, GSE36392_TYPE_2_MYELOID_VS_EOSINOPHIL_IL25_TREATED_LUNG_DN
                                                                                                                    GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_IL7_UP, GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_IL7_UP
                                                                                                                    GSE17721_LPS_VS_CPG_1H_BMDC_DN, GSE17721_LPS_VS_CPG_1H_BMDC_DN
                                                                                                                    GSE20366_EX_VIVO_VS_DEC205_CONVERSION_DN, GSE20366_EX_VIVO_VS_DEC205_CONVERSION_DN
                                                                                                                    GSE32128_INOS_DEPENDENT_VS_INOS_INDEPENDENT_ACTIVATED_TCELL_UP, GSE32128_INOS_DEPENDENT_VS_INOS_INDEPENDENT_ACTIVATED_TCELL_UP
                                                                                                                    GSE3720_VD1_VS_VD2_GAMMADELTA_TCELL_WITH_LPS_STIM_UP, GSE3720_VD1_VS_VD2_GAMMADELTA_TCELL_WITH_LPS_STIM_UP
                                                                                                                    HP_BRACHYCEPHALY, HP_BRACHYCEPHALY
                                                                                                                    GSE17721_POLYIC_VS_CPG_16H_BMDC_UP, GSE17721_POLYIC_VS_CPG_16H_BMDC_UP
                                                                                                                    MIR421, MIR421
                                                                                                                    GSE23505_UNTREATED_VS_4DAY_IL6_IL1_IL23_TREATED_CD4_TCELL_DN, GSE23505_UNTREATED_VS_4DAY_IL6_IL1_IL23_TREATED_CD4_TCELL_DN
                                                                                                                    MIR548AO_5P_MIR548AX, MIR548AO_5P_MIR548AX
                                                                                                                    GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_TURQUOISE_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_TURQUOISE_UP
                                                                                                                    MIR3179, MIR3179
                                                                                                                    GSE40274 FOXP3 VS_FOXP3_AND_XBP1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_XBP1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
                                                                                                                    HP_HIRSUTISM, HP_HIRSUTISM
                                                                                                                    ACTGTAG_MIR139, ACTGTAG_MIR139
                                                                                                                    GOBP_INOSITOL_LIPID_MEDIATED_SIGNALING, GOBP_INOSITOL_LIPID_MEDIATED_SIGNALING
                                                                                                                    GSE19923_WT_VS_E2A_KO_DP_THYMOCYTE DN, GSE19923 WT VS E2A KO DP THYMOCYTE DN
                                                                                                                    MIR4739, MIR4739
                                                                                                                    MIR1321, MIR1321
                                                                                                                    MIR320A_5P, MIR320A_5P
                                                                                                                    MIR653_5P, MIR653_5P
                                                                                                                    REACTOME_DEATH_RECEPTOR_SIGNALLING, REACTOME_DEATH_RECEPTOR_SIGNALLING
                                                                                                                    GAUSSMANN_MLL_AF4_FUSION_TARGETS_F_UP, GAUSSMANN_MLL_AF4_FUSION_TARGETS_F_UP
                                                                                                                    MIR5001_3P, MIR5001_3P
                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_CELL_PROJECTION_ORGANIZATION, GOBP_NEGATIVE_REGULATION_OF_CELL_PROJECTION_ORGANIZATION
                                                                                                                    MIR4756_5P, MIR4756_5P
                                                                                                                    TCTGGAC_MIR198, TCTGGAC_MIR198
                                                                                                                    GSE18893_CTRL_VS_TNF_TREATED_TREG_2H_DN, GSE18893_CTRL_VS_TNF_TREATED_TREG_2H_DN
                                                                                                                    TSENG_IRS1_TARGETS_DN, TSENG_IRS1_TARGETS_DN
                                                                                                                    GSE4590_PRE_BCELL_VS_LARGE_PRE_BCELL_UP, GSE4590_PRE_BCELL_VS_LARGE_PRE_BCELL_UP
                                                                                                                    PR_02, PR_02
                                                                                                                    MIR3145_5P, MIR3145_5P
                                                                                                                    MIR452_3P, MIR452_3P
                                                                                                                    MIR3156_5P, MIR3156_5P
                                                                                                                    BROWNE_HCMV_INFECTION_18HR_DN, BROWNE_HCMV_INFECTION_18HR_DN
                                                                                                                    COULOUARN_TEMPORAL_TGFB1_SIGNATURE_DN, COULOUARN_TEMPORAL_TGFB1_SIGNATURE_DN
                                                                                                                    PRC2_EED_UP.V1_UP, PRC2_EED_UP.V1_UP
                                                                                                                    MIR8082, MIR8082
                                                                                                                    HP_SPARSE_EYEBROW, HP_SPARSE_EYEBROW
                                                                                                                    ATGGYGGA_UNKNOWN, ATGGYGGA_UNKNOWN
I_ACD3_ACD28_IFNA5_STIM_CD8_TCELL_UP, GSE17301_CTRL_VS_48H_ACD3_ACD28_IFNA5_STIM_CD8_TCELL_UP
                                                                                                                     TAGGTCA_MIR192_MIR215, TAGGTCA_MIR192_MIR215
                                                                                                                    HP_APLASIA_HYPOPLASIA_OF_THE_EYEBROW, HP_APLASIA_HYPOPLASIA_OF_THE_EYEBROW
                                                                                                                    FOXJ2 01, FOXJ2 01
                                                                                                                    GSE22589_SIV_VS_HIV_AND_SIV_INFECTED_DC_UP, GSE22589_SIV_VS_HIV_AND_SIV_INFECTED_DC_UP
                                                                                                                     ACCTGTTG_UNKNOWN, ACCTGTTG_UNKNOWN
                                                                                                                     MIR211 3P, MIR211 3P
                                                                                                                    GSE360_L_MAJOR_VS_M_TUBERCULOSIS_MAC_UP, GSE360_L_MAJOR_VS_M_TUBERCULOSIS_MAC_UP
                                                                                                                    MIR4656, MIR4656
                                                                                                                    GSE3982_BCELL_VS_NKCELL_DN, GSE3982_BCELL_VS_NKCELL_DN
                                                                                                                    GOBP_NEURAL_PRECURSOR_CELL_PROLIFERATION, GOBP_NEURAL_PRECURSOR_CELL_PROLIFERATION
                                                                                                                    GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_WITH_INCORPORATION_OR_REDUCTION_OF_MOLECULAR_OXYGEN, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_WITH_INCORPORATION
                                                                                                                     MIR6729_3P, MIR6729_3P
                                                                                                                    GOBP_HINDBRAIN_DEVELOPMENT, GOBP_HINDBRAIN_DEVELOPMENT
                                                                                                                    GSE17721_POLYIC_VS_PAM3CSK4_2H_BMDC_DN, GSE17721_POLYIC_VS_PAM3CSK4_2H_BMDC_DN
                                                                                                                    GOBP_METENCEPHALON_DEVELOPMENT, GOBP_METENCEPHALON_DEVELOPMENT
                                                                                                                    GENTILE_UV_RESPONSE_CLUSTER_D2, GENTILE_UV_RESPONSE_CLUSTER_D2
                                                                                                                    ' ZHAN_MULTIPLE_MYELOMA_MF_DN, ZHAN_MULTIPLE_MYELOMA_MF_DN
                                                                                                                    GOMF_PROTEIN_SERINE_THREONINE_KINASE_INHIBITOR_ACTIVITY, GOMF_PROTEIN_SERINE_THREONINE_KINASE_INHIBITOR_ACTIVITY
                                                                                                                    TGTYNNNNNRGCARM_UNKNOWN, TGTYNNNNNRGCARM_UNKNOWN
                                                                                                                    VALK_AML_CLUSTER_8, VALK_AML_CLUSTER_8
                                                                                                                    IL15_UP.V1_DN, IL15_UP.V1_DN
                                                                                                                   GTTATAT_MIR410, GTTATAT_MIR410
                                                                                                                    GOBP_NUCLEAR_TRANSCRIBED_MRNA_POLY_A_TAIL_SHORTENING, GOBP_NUCLEAR_TRANSCRIBED_MRNA_POLY_A_TAIL_SHORTENING
                                                                                                                    GOBP_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GOBP_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR
                                                                                                                    MIR6861_5P, MIR6861_5P
                                                                                                                    MIR12128, MIR12128
                                                                                                                    MIR6856_5P, MIR6856_5P
                                                                                                                    GOBP_REGULATION_OF_NEUTROPHIL_CHEMOTAXIS, GOBP_REGULATION_OF_NEUTROPHIL_CHEMOTAXIS
                                                                                                                    GOBP_LOCOMOTORY_BEHAVIOR, GOBP_LOCOMOTORY_BEHAVIOR
                                                                                                                    HP_ABNORMALITY_OF_TIBIA_MORPHOLOGY, HP_ABNORMALITY_OF_TIBIA_MORPHOLOGY
                                                                                                                    HP_SPARSE_LATERAL_EYEBROW, HP_SPARSE_LATERAL_EYEBROW
                                                                                                                    BLANCO MELO COVID19 BRONCHIAL EPITHELIAL CELLS SARS COV 2 INFECTION DN, BLANCO MELO COVID19 BRONCHIAL EPITHELIAL CELLS SARS COV 2 INFECTION DN
                                                                                                                    GOBP_CELL_MATURATION, GOBP_CELL_MATURATION
                                                                                                                    HP_NARROW_PALPEBRAL_FISSURE, HP_NARROW_PALPEBRAL_FISSURE
                                                                                                                    GROSS_HYPOXIA_VIA_ELK3_ONLY_UP, GROSS_HYPOXIA_VIA_ELK3_ONLY_UP
                                                                                                                    VALK_AML_CLUSTER_10, VALK_AML_CLUSTER_10
                                                                                                                    GOBP_REGULATION_OF_SYNAPTIC_TRANSMISSION_GLUTAMATERGIC, GOBP_REGULATION_OF_SYNAPTIC_TRANSMISSION_GLUTAMATERGIC
                                                                                                                    GOBP_REGULATION_OF_GRANULOCYTE_CHEMOTAXIS, GOBP_REGULATION_OF_GRANULOCYTE_CHEMOTAXIS
                                                                                                                    WP_GLUCOCORTICOID_RECEPTOR_PATHWAY, WP_GLUCOCORTICOID_RECEPTOR_PATHWAY
                                                                                                                    TAVOR_CEBPA_TARGETS_DN, TAVOR_CEBPA_TARGETS_DN
                                                                                                                    GOBP_FORELIMB_MORPHOGENESIS, GOBP_FORELIMB_MORPHOGENESIS
                                                                                                                    HP_ADRENAL_OVERACTIVITY, HP_ADRENAL_OVERACTIVITY
                                                                                                                    GOBP_POSITIVE_REGULATION_OF_ATP_METABOLIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_ATP_METABOLIC_PROCESS
                                                                                                                    HP_SCROTAL_HYPOPLASIA, HP_SCROTAL_HYPOPLASIA
                                                                                                                    GOBP_CELLULAR_COMPONENT_MAINTENANCE, GOBP_CELLULAR_COMPONENT_MAINTENANCE
                                                                                                                    GOBP_REGULATION_OF_NEURAL_PRECURSOR_CELL_PROLIFERATION, GOBP_REGULATION_OF_NEURAL_PRECURSOR_CELL_PROLIFERATION
                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_TORC1_SIGNALING, GOBP_NEGATIVE_REGULATION_OF_TORC1_SIGNALING
                                                                                                                    GOBP POSITIVE REGULATION OF GLYCOLYTIC PROCESS, GOBP POSITIVE REGULATION OF GLYCOLYTIC PROCESS
                                                                                                                    GOMF_CYCLIN_DEPENDENT_PROTEIN_SERINE_THREONINE_KINASE_INHIBITOR_ACTIVITY, GOMF_CYCLIN_DEPENDENT_PROTEIN_SERINE_THREONINE_KINASE_INHIBITOR_ACTIVITY
                                                                                                                    GOBP_LYMPHOCYTE_HOMEOSTASIS, GOBP_LYMPHOCYTE_HOMEOSTASIS
                                                                                                                    HP_ABNORMAL_MIDDLE_PHALANX_MORPHOLOGY_OF_THE_HAND, HP_ABNORMAL_MIDDLE_PHALANX_MORPHOLOGY_OF_THE_HAND
                                                                                                                    HP_ABNORMALITY_OF_RENIN_ANGIOTENSIN_SYSTEM, HP_ABNORMALITY_OF_RENIN_ANGIOTENSIN_SYSTEM
                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GOBP_NEGATIVE_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR.
                                                                                                                    HP_VOLVULUS, HP_VOLVULUS
                                                                                                                    HP_LIMITED_ELBOW_EXTENSION, HP_LIMITED_ELBOW_EXTENSION
                                                                                                                    GOBP_AXONAL_FASCICULATION, GOBP_AXONAL_FASCICULATION
                                                                                                                    GOBP_HISTONE_H3_K9_TRIMETHYLATION, GOBP_HISTONE_H3_K9_TRIMETHYLATION
                                                                                                                    GOMF_LYS63_SPECIFIC_DEUBIQUITINASE_ACTIVITY, GOMF_LYS63_SPECIFIC_DEUBIQUITINASE_ACTIVITY
                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_B_CELL_PROLIFERATION, GOBP_NEGATIVE_REGULATION_OF_B_CELL_PROLIFERATION
                                                                                                                    GOBP_REGULATION_OF_RESTING_MEMBRANE_POTENTIAL, GOBP_REGULATION_OF_RESTING_MEMBRANE_POTENTIAL
                                                                                                                    PHONG_TNF_TARGETS_DN, PHONG_TNF_TARGETS_DN
                                                                                                                    GOBP_EMBRYONIC_DIGESTIVE_TRACT_MORPHOGENESIS, GOBP_EMBRYONIC_DIGESTIVE_TRACT_MORPHOGENESIS
                                                                                                                    REACTOME_NUCLEAR_SIGNALING_BY_ERBB4, REACTOME_NUCLEAR_SIGNALING_BY_ERBB4
                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_FIBRINOLYSIS, GOBP_NEGATIVE_REGULATION_OF_FIBRINOLYSIS
                                                                                                                    HP_ANURIA, HP_ANURIA
                                                                                                                    SARTIPY_BLUNTED_BY_INSULIN_RESISTANCE_DN, SARTIPY_BLUNTED_BY_INSULIN_RESISTANCE_DN
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HP_ABNORMALITY_OF_ENDOCRINE_PANCREAS_PHYSIOLOGY, HP_ABNORMALITY_OF_ENDOCRINE_PANCREAS_PHYSIOLOGY

GSE6674 ANTI IGM VS PL2 3 STIM BCELL UP, GSE6674 ANTI IGM VS PL2 3 STIM BCELL UP

GSE32986_CURDLAN_LOWDOSE_VS_GMCSF_AND_CURDLAN_LOWDOSE_STIM_DC_UP, GSE32986_CURDLAN_LOWDOSE_VS_GMCSF_AND_CURDLAN_LOWDOSE_STIM_DC_UP