```
GSE19825_CD24LOW_VS_IL2RA_HIGH_DAY3_EFF_CD8_TCELL_DN, GSE19825_CD24LOW_VS_IL2RA_HIGH_DAY3_EFF_CD8_TCELL_DN
                                                                                                      GSE45739_NRAS_KO_VS_WT_ACD3_ACD28_STIM_CD4_TCELL_UP, GSE45739_NRAS_KO_VS_WT_ACD3_ACD28_STIM_CD4_TCELL_UP
                                                                                                      RAMALHO_STEMNESS_UP, RAMALHO_STEMNESS_UP
                                                                                                      GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_MIR155_KO_UP, GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_MIR155_KO_UP
                                                                                                      GSE22601_DOUBLE_NEGATIVE_VS_DOUBLE_POSITIVE_THYMOCYTE_DN, GSE22601_DOUBLE_NEGATIVE_VS_DOUBLE_POSITIVE_THYMOCYTE_DN
                                                                                                      GSE22601_DOUBLE_NEGATIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_DOUBLE_NEGATIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_DN
                                                                                                      GSE6674_CPG_VS_PL2_3_STIM_BCELL_DN, GSE6674_CPG_VS_PL2_3_STIM_BCELL_DN
                                                                                                      GSE17721_POLYIC_VS_GARDIQUIMOD_12H_BMDC_DN, GSE17721_POLYIC_VS_GARDIQUIMOD_12H_BMDC_DN
                                                                                                      GSE23505_IL6_IL1_VS_IL6_IL1_IL23_TREATED_CD4_TCELL_DN, GSE23505_IL6_IL1_VS_IL6_IL1_IL23_TREATED_CD4_TCELL_DN
                                                                                                      GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_DN, GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_DN
                                                                                                      GSE12845 IGD POS BLOOD VS NAIVE TONSIL BCELL DN, GSE12845 IGD POS BLOOD VS NAIVE TONSIL BCELL DN
                                                                                                      GSE6674_CPG_VS_CPG_AND_ANTI_IGM_STIM_BCELL_DN, GSE6674_CPG_VS_CPG_AND_ANTI_IGM_STIM_BCELL_DN
                                                                                                      GSE18281_SUBCAPSULAR_VS_CENTRAL_CORTICAL_REGION_OF_THYMUS_DN, GSE18281_SUBCAPSULAR_VS_CENTRAL_CORTICAL_REGION_OF_THYMUS_DN
                                                                                                      GSE25085_FETAL_BM_VS_ADULT_BM_SP4_THYMIC_IMPLANT_UP, GSE25085_FETAL_BM_VS_ADULT_BM_SP4_THYMIC_IMPLANT_UP
                                                                                                      GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN
                                                                                                      GSE6674_PL2_3_VS_ANTI_IGM_AND_CPG_STIM_BCELL_DN, GSE6674_PL2_3_VS_ANTI_IGM_AND_CPG_STIM_BCELL_DN
                                                                                                      REACTOME_RRNA_MODIFICATION_IN_THE_NUCLEUS_AND_CYTOSOL, REACTOME_RRNA_MODIFICATION_IN_THE_NUCLEUS_AND_CYTOSOL
                                                                                                      GSE5589_WT_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_DN, GSE5589_WT_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_DN
                                                                                                      GSE7831_UNSTIM_VS_CPG_STIM_PDC_1H_DN, GSE7831_UNSTIM_VS_CPG_STIM_PDC_1H_DN
                                                                                                      GSE22601_DOUBLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_UP, GSE22601_DOUBLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_UP
                                                                                                      GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_CD8_TCELL_DN, GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_CD8_TCELL_DN
                                                                                                      GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_6H_CD4_TCELL_DN, GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_6H_CD4_TCELL_DN
                                                                                                      GSE7852_THYMUS_VS_FAT_TCONV_DN, GSE7852_THYMUS_VS_FAT_TCONV_DN
                                                                                                      GSE9037 CTRL VS LPS 4H STIM BMDM DN, GSE9037 CTRL VS LPS 4H STIM BMDM DN
                                                                                                      GSE6674_PL2_3_VS_ANTI_IGM_AND_CPG_STIM_BCELL_UP, GSE6674_PL2_3_VS_ANTI_IGM_AND_CPG_STIM_BCELL_UP
                                                                                                      GSE42724_NAIVE_VS_MEMORY_BCELL_DN, GSE42724_NAIVE_VS_MEMORY_BCELL_DN
                                                                                                      GSE41867 NAIVE VS DAY15 LCMV CONE13 EFFECTOR CD8 TCELL DN, GSE41867 NAIVE VS DAY15 LCMV CONE13 EFFECTOR CD8 TCELL DN
                                                                                                      GSE4984 GALECTIN1 VS LPS STIM DC DN, GSE4984 GALECTIN1 VS LPS STIM DC DN
                                                                                                      GOBP_RIBOSOMAL_SMALL_SUBUNIT_BIOGENESIS, GOBP_RIBOSOMAL_SMALL_SUBUNIT_BIOGENESIS
                                                                                                      GSE36009_UNSTIM_VS_LPS_STIM_NLRP10_KO_DC_DN, GSE36009_UNSTIM_VS_LPS_STIM_NLRP10_KO_DC_DN
                                                                                                      ELVIDGE_HYPOXIA_DN, ELVIDGE_HYPOXIA_DN
                                                                                                      GSE11961_MARGINAL_ZONE_BCELL_VS_PLASMA_CELL_DAY7_DN, GSE11961_MARGINAL_ZONE_BCELL_VS_PLASMA_CELL_DAY7_DN
                                                                                                      GSE17721_CTRL_VS_GARDIQUIMOD_12H_BMDC_DN, GSE17721_CTRL_VS_GARDIQUIMOD_12H_BMDC_DN
                                                                                                      GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_17H_UP, GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_17H_UP
                                                                                                      GSE360_CTRL_VS_L_DONOVANI_MAC_DN, GSE360_CTRL_VS_L_DONOVANI_MAC_DN
                                                                                                      GSE17721_CTRL_VS_GARDIQUIMOD_6H_BMDC_DN, GSE17721_CTRL_VS_GARDIQUIMOD_6H_BMDC_DN
                                                                                                      GSE2706_UNSTIM_VS_2H_LPS_AND_R848_DC_DN, GSE2706_UNSTIM_VS_2H_LPS_AND_R848_DC_DN
                                                                                                      GSE19923_WT_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_DN, GSE19923_WT_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_DN
                                                                                                      GSE12198_CTRL_VS_HIGH_IL2_STIM_NK_CELL_DN, GSE12198_CTRL_VS_HIGH_IL2_STIM_NK_CELL_DN
                                                                                                      GSE17721_POLYIC_VS_CPG_4H_BMDC_DN, GSE17721_POLYIC_VS_CPG_4H_BMDC_DN
                                                                                                      GSE12003_4D_VS_8D_CULTURE_BM_PROGENITOR_UP, GSE12003_4D_VS_8D_CULTURE_BM_PROGENITOR_UP
                                                                                                      GSE14350_IL2RB_KO_VS_WT_TEFF_DN, GSE14350_IL2RB_KO_VS_WT_TEFF_DN
                                                                                                      GSE9988_ANTI_TREM1_VS_ANTI_TREM1_AND_LPS_MONOCYTE_DN, GSE9988_ANTI_TREM1_VS_ANTI_TREM1_AND_LPS_MONOCYTE_DN
                                                                                                      GSE42021 CD24HI VS CD24LOW TREG THYMUS UP, GSE42021 CD24HI VS CD24LOW TREG THYMUS UP
                                                                                                      GSE3337 CTRL VS 4H IFNG IN CD8POS DC DN, GSE3337 CTRL VS 4H IFNG IN CD8POS DC DN
                                                                                                      GOCC_SMALL_SUBUNIT_PROCESSOME, GOCC_SMALL_SUBUNIT_PROCESSOME
                                                                                                      GOBP MATURATION OF SSU RRNA, GOBP MATURATION OF SSU RRNA
                                                                                                      GSE19923_E2A_KO_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_UP, GSE19923_E2A_KO_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_UP
                                                                                                      GSE25088 ROSIGLITAZONE VS IL4 AND ROSIGLITAZONE STIM MACROPHAGE DAY10 DN, GSE25088 ROSIGLITAZONE VS IL4 AND ROSIGLITAZONE STIM MACROPHAGE DAY10 DN
                                                                                                      GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_KO_2H_UP, GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_KO_2H_UP
                                                                                                      GSE42724_NAIVE_VS_B1_BCELL_UP, GSE42724_NAIVE_VS_B1_BCELL_UP
                                                                                                      GSE40274_FOXP3_VS_FOXP3_AND_XBP1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_XBP1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
                                                                                                      GSE15930_STIM_VS_STIM_AND_IFNAB_48H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_IFNAB_48H_CD8_T_CELL_DN
                                                                                                      GSE17721 CTRL VS CPG 6H BMDC DN, GSE17721 CTRL VS CPG 6H BMDC DN
                                                                                                      GSE43863_TFH_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_UP, GSE43863_TFH_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_UP
                                                                                                      GSE30083_SP1_VS_SP4_THYMOCYTE_UP, GSE30083_SP1_VS_SP4_THYMOCYTE_UP
                                                                                                      GSE43863_LY6C_INT_CXCR5POS_VS_LY6C_LOW_CXCR5NEG_EFFECTOR_CD4_TCELL_DN, GSE43863_LY6C_INT_CXCR5POS_VS_LY6C_LOW_CXCR5NEG_EFFECTOR_CD4_TCELL_DN
                                                                                                      GSE21670 TGFB VS IL6 TREATED CD4 TCELL DN, GSE21670 TGFB VS IL6 TREATED CD4 TCELL DN
                                                                                                      GSE3920_UNTREATED_VS_IFNA_TREATED_FIBROBLAST_UP, GSE3920_UNTREATED_VS_IFNA_TREATED_FIBROBLAST_UP
                                                                                                      GSE19923_E2A_KO_VS_E2A_AND_HEB_KO_DP_THYMOCYTE_DN, GSE19923_E2A_KO_VS_E2A_AND_HEB_KO_DP_THYMOCYTE_DN
                                                                                                      GSE17721_PAM3CSK4_VS_CPG_1H_BMDC_UP, GSE17721_PAM3CSK4_VS_CPG_1H_BMDC_UP
                                                                                                      GSE46143_CTRL_VS_LMP2A_TRANSDUCED_CD10_POS_GC_BCELL_UP, GSE46143_CTRL_VS_LMP2A_TRANSDUCED_CD10_POS_GC_BCELL_UP
                                                                                                      GSE8515_CTRL_VS_IL1_4H_STIM_MAC_DN, GSE8515_CTRL_VS_IL1_4H_STIM_MAC_DN
                                                                                                      MIR6088, MIR6088
                                                                                                      GSE19401_RETINOIC_ACID_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_UP, GSE19401_RETINOIC_ACID_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_UP
                                                                                                      GSE43863 TFH_VS_LY6C_INT_CXCR5POS_EFFECTOR_CD4_TCELL_DN, GSE43863_TFH_VS_LY6C_INT_CXCR5POS_EFFECTOR_CD4_TCELL_DN
                                                                                                      IL2_UP.V1_UP, IL2_UP.V1_UP
                                                                                                      GOCC_90S_PRERIBOSOME, GOCC_90S_PRERIBOSOME
                                                                                                      GSE7218_IGM_VS_IGG_SIGNAL_THGOUGH_ANTIGEN_BCELL_DN, GSE7218_IGM_VS_IGG_SIGNAL_THGOUGH_ANTIGEN_BCELL_DN
                                                                                                      GSE17721_LPS_VS_POLYIC_2H_BMDC_UP, GSE17721_LPS_VS_POLYIC_2H_BMDC_UP
                                                                                                      GSE9601_NFKB_INHIBITOR_VS_PI3K_INHIBITOR_TREATED_HCMV_INF_MONOCYTE_DN, GSE9601_NFKB_INHIBITOR_VS_PI3K_INHIBITOR_TREATED_HCMV_INF_MONOCYTE_DN
                                                                                                      GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_TURQUOISE_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_TURQUOISE_UP
                                                                                                      GSE17721_CPG_VS_GARDIQUIMOD_6H_BMDC_UP, GSE17721_CPG_VS_GARDIQUIMOD_6H_BMDC_UP
                                                                                                      GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMC_1MONTH_POST_DX_DN, GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMC_1MONTH_POST_DX_DN
                                                                                                      GOBP_MACROMOLECULE_DEACYLATION, GOBP_MACROMOLECULE_DEACYLATION
                                                                                                      GCM_BAG5, GCM_BAG5
                                                                                                      MIR517_5P, MIR517_5P
                                                                                                      GOBP_MATURATION_OF_SSU_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_RRNA_LSU_RRNA, GOBP_MATURATION_OF_SSU_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU
                                                                                                      SETLUR_PROSTATE_CANCER_TMPRSS2_ERG_FUSION_UP, SETLUR_PROSTATE_CANCER_TMPRSS2_ERG_FUSION_UP
                                                                                                      GOBP_POSITIVE_REGULATION_OF_ORGANELLE_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_ORGANELLE_ASSEMBLY
                                                                                                      BOYLAN_MULTIPLE_MYELOMA_D_UP, BOYLAN_MULTIPLE_MYELOMA_D_UP
                                                                                                      ESC_V6.5_UP_LATE.V1_DN, ESC_V6.5_UP_LATE.V1_DN
                                                                                                      GOCC_CLATHRIN_COATED_PIT, GOCC_CLATHRIN_COATED_PIT
                                                                                                      NGUYEN_NOTCH1_TARGETS_DN, NGUYEN_NOTCH1_TARGETS_DN
                                                                                                       TONG_INTERACT_WITH_PTTG1, TONG_INTERACT_WITH_PTTG1
                                                                                                      MIR196A_3P, MIR196A_3P
                                                                                                      MIR7975, MIR7975
                                                                                                      REACTOME_RNA_POLYMERASE_III_TRANSCRIPTION_INITIATION_FROM_TYPE_3_PROMOTER, REACTOME_RNA_POLYMERASE_III_TRANSCRIPTION_INITIATION_FROM_TYPE_3_PROMOTER
                                                                                                      LIN_NPAS4_TARGETS_DN, LIN_NPAS4_TARGETS_DN
                                                                                                      MIR9898, MIR9898
                                                                                                      MIR7158_3P, MIR7158_3P
                                                                                                      GOCC_PRERIBOSOME_SMALL_SUBUNIT_PRECURSOR, GOCC_PRERIBOSOME_SMALL_SUBUNIT_PRECURSOR
                                                                                                      GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I, GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I
                                                                                                      VANTVEER BREAST CANCER BRCA1 UP, VANTVEER BREAST CANCER BRCA1 UP
                                                                                                      GOBP_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I, GOBP_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I
                                                                                                      MARSON_FOXP3_TARGETS_DN, MARSON_FOXP3_TARGETS_DN
                                                                                                      WP_WNT_SIGNALING_PATHWAY_NETPATH, WP_WNT_SIGNALING_PATHWAY_NETPATH
                                                                                                      ENGELMANN_CANCER_PROGENITORS_UP, ENGELMANN_CANCER_PROGENITORS_UP
                                                                                                      MIR664A_5P, MIR664A_5P
                                                                                                      GOBP_PHOSPHOLIPID_TRANSPORT, GOBP_PHOSPHOLIPID_TRANSPORT
                                                                                                      OUYANG_PROSTATE_CANCER_PROGRESSION_DN, OUYANG_PROSTATE_CANCER_PROGRESSION_DN
                                                                                                      GOBP_POSITIVE_REGULATION_OF_CILIUM_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_CILIUM_ASSEMBLY
                                                                                                      WP_ENDOPLASMIC_RETICULUM_STRESS_RESPONSE_IN_CORONAVIRUS_INFECTION, WP_ENDOPLASMIC_RETICULUM_STRESS_RESPONSE_IN_CORONAVIRUS_INFECTION
                                                                                                      GOBP_CARBOHYDRATE_TRANSPORT, GOBP_CARBOHYDRATE_TRANSPORT
                                                                                                      GOBP_REGULATION_OF_INTRACELLULAR_ESTROGEN_RECEPTOR_SIGNALING_PATHWAY, GOBP_REGULATION_OF_INTRACELLULAR_ESTROGEN_RECEPTOR_SIGNALING_PATHWAY
                                                                                                      GOMF_PHOSPHOLIPID_TRANSPORTER_ACTIVITY, GOMF_PHOSPHOLIPID_TRANSPORTER_ACTIVITY
ΓI_IGM_AND_CPG_STIM_BCELL_DN, GSE6674_UNSTIM_VS_ANTI_IGM_AND_CPG_STIM_BCELL_DN
                                                                                                      CHANGOLKAR_H2AFY_TARGETS_DN, CHANGOLKAR_H2AFY_TARGETS_DN
                                                                                                      VARELA_ZMPSTE24_TARGETS_UP, VARELA_ZMPSTE24_TARGETS_UP
                                                                                                      GOBP_RNA_INTERFERENCE, GOBP_RNA_INTERFERENCE
                                                                                                      HEIDENBLAD_AMPLICON_8Q24_UP, HEIDENBLAD_AMPLICON_8Q24_UP
                                                                                                      GOMF_SOLUTE_SODIUM_SYMPORTER_ACTIVITY, GOMF_SOLUTE_SODIUM_SYMPORTER_ACTIVITY
                                                                                                       KAMMINGA SENESCENCE, KAMMINGA SENESCENCE
                                                                                                      CTAGGAA_MIR384, CTAGGAA_MIR384
                                                                                                      MIR943, MIR943
                                                                                                      GOBP_PROTEIN_LOCALIZATION_TO_NUCLEOLUS, GOBP_PROTEIN_LOCALIZATION_TO_NUCLEOLUS
                                                                                                      GOBP_REGULATION_OF_ACUTE_INFLAMMATORY_RESPONSE, GOBP_REGULATION_OF_ACUTE_INFLAMMATORY_RESPONSE
                                                                                                      PEDERSEN_METASTASIS_BY_ERBB2_ISOFORM_1, PEDERSEN_METASTASIS_BY_ERBB2_ISOFORM_1
                                                                                                      GOMF_U3_SNORNA_BINDING, GOMF_U3_SNORNA_BINDING
                                                                                                      GOBP_MACROMOLECULE_DEPALMITOYLATION, GOBP_MACROMOLECULE_DEPALMITOYLATION
                                                                                                      GOMF_PALMITOYL_PROTEIN_HYDROLASE_ACTIVITY, GOMF_PALMITOYL_PROTEIN_HYDROLASE_ACTIVITY
                                                                                                      GOBP_NEUTRAL_LIPID_METABOLIC_PROCESS, GOBP_NEUTRAL_LIPID_METABOLIC_PROCESS
                                                                                                      GOBP_SKIN_EPIDERMIS_DEVELOPMENT, GOBP_SKIN_EPIDERMIS_DEVELOPMENT
                                                                                                      WP_MAMMARY_GLAND_DEVELOPMENT_PATHWAY_EMBRYONIC_DEVELOPMENT_STAGE_1_OF_4, WP_MAMMARY_GLAND_DEVELOPMENT_PATHWAY_EMBRYONIC_DEVELOPMENT_STAGE_1_OF_4
                                                                                                      HP_NECK_MUSCLE_WEAKNESS, HP_NECK_MUSCLE_WEAKNESS
                                                                                                      HP_ACQUIRED_ABNORMAL_HAIR_PATTERN, HP_ACQUIRED_ABNORMAL_HAIR_PATTERN
                                                                                                      RORIE_TARGETS_OF_EWSR1_FLI1_FUSION_UP, RORIE_TARGETS_OF_EWSR1_FLI1_FUSION_UP
                                                                                                      WP_HAIR_FOLLICLE_DEVELOPMENT_ORGANOGENESIS_PART_2_OF_3, WP_HAIR_FOLLICLE_DEVELOPMENT_ORGANOGENESIS_PART_2_OF_3
                                                                                                      GOBP_POSITIVE_REGULATION_OF_ACUTE_INFLAMMATORY_RESPONSE, GOBP_POSITIVE_REGULATION_OF_ACUTE_INFLAMMATORY_RESPONSE
                                                                                                      WP_METASTATIC_BRAIN_TUMOR, WP_METASTATIC_BRAIN_TUMOR
                                                                                                      GOMF_CATALYTIC_ACTIVITY_ACTING_ON_A_GLYCOPROTEIN, GOMF_CATALYTIC_ACTIVITY_ACTING_ON_A_GLYCOPROTEIN
                                                                                                      GOBP_LIPOPROTEIN_CATABOLIC_PROCESS, GOBP_LIPOPROTEIN_CATABOLIC_PROCESS
                                                                                                      MIR3134, MIR3134
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_MACROPHAGE_ACTIVATION, GOBP_NEGATIVE_REGULATION_OF_MACROPHAGE_ACTIVATION
                                                                                                      MODULE_509, MODULE_509
                                                                                                      HP_PERIPHERAL_ARTERIAL_STENOSIS, HP_PERIPHERAL_ARTERIAL_STENOSIS
                                                                                                      GOBP_PROTEIN_DEPALMITOYLATION, GOBP_PROTEIN_DEPALMITOYLATION
                                                                                                      ONO_AML1_TARGETS_DN, ONO_AML1_TARGETS_DN
                                                                                                      GSE19923_E2A_KO_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_DN, GSE19923_E2A_KO_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_DN
                                                                                                      BOYAULT_LIVER_CANCER_SUBCLASS_G6_DN, BOYAULT_LIVER_CANCER_SUBCLASS_G6_DN
                                                                                                      HP_MYOPATHIC_FACIES, HP_MYOPATHIC_FACIES
                                                                                                      STEIN_ESTROGEN_RESPONSE_NOT_VIA_ESRRA, STEIN_ESTROGEN_RESPONSE_NOT_VIA_ESRRA
                                                                                                      WP_COVID19_ADVERSE_OUTCOME_PATHWAY, WP_COVID19_ADVERSE_OUTCOME_PATHWAY
                                                                                                      GOCC_LOW_DENSITY_LIPOPROTEIN_PARTICLE, GOCC_LOW_DENSITY_LIPOPROTEIN_PARTICLE
                                                                                                      GOMF_RRNA_ADENINE_METHYLTRANSFERASE_ACTIVITY, GOMF_RRNA_ADENINE_METHYLTRANSFERASE_ACTIVITY
                                                                                                      GOBP_POSITIVE_REGULATION_OF_AMYLOID_PRECURSOR_PROTEIN_CATABOLIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_AMYLOID_PRECURSOR_PROTEIN_CATABOLIC_PROCESS
                                                                                                      BIOCARTA_ARENRF2_PATHWAY, BIOCARTA_ARENRF2_PATHWAY
                                                                                                      GOBP_MONOCYTE_DIFFERENTIATION, GOBP_MONOCYTE_DIFFERENTIATION
                                                                                                      AMIT_SERUM_RESPONSE_20_MCF10A, AMIT_SERUM_RESPONSE_20_MCF10A
                                                                                                      WP_ETHANOL_METABOLISM_RESULTING_IN_PRODUCTION_OF_ROS_BY_CYP2E1, WP_ETHANOL_METABOLISM_RESULTING_IN_PRODUCTION_OF_ROS_BY_CYP2E1
                                                                                                      GOBP_HISTONE_H4_R3_METHYLATION, GOBP_HISTONE_H4_R3_METHYLATION
                                                                                                      GOMF_ATPASE_COUPLED_INTRAMEMBRANE_LIPID_TRANSPORTER_ACTIVITY, GOMF_ATPASE_COUPLED_INTRAMEMBRANE_LIPID_TRANSPORTER_ACTIVITY
                                                                                                      PID_TCR_JNK_PATHWAY, PID_TCR_JNK_PATHWAY
                                                                                                      WP_EBV_LMP1_SIGNALING, WP_EBV_LMP1_SIGNALING
                                                                                                      GOBP_MOLTING_CYCLE, GOBP_MOLTING_CYCLE
                                                                                                      WATANABE_ULCERATIVE_COLITIS_WITH_CANCER_DN, WATANABE_ULCERATIVE_COLITIS_WITH_CANCER_DN
                                                                                                      GOBP POSITIVE REGULATION OF TRIGLYCERIDE METABOLIC PROCESS, GOBP POSITIVE REGULATION OF TRIGLYCERIDE METABOLIC PROCESS
                                                                                                      GOMF_INTRAMEMBRANE_LIPID_TRANSPORTER_ACTIVITY, GOMF_INTRAMEMBRANE_LIPID_TRANSPORTER_ACTIVITY
                                                                                                      GNF2_PCAF, GNF2_PCAF
                                                                                                      ONO_FOXP3_TARGETS_UP, ONO_FOXP3_TARGETS_UP
                                                                                                      MODULE_474, MODULE_474
                                                                                                      WATANABE COLON CANCER MSI VS MSS UP, WATANABE COLON CANCER MSI VS MSS UP
                                                                                                      MIR132 5P, MIR132 5P
                                                                                                      WP TRANSCRIPTION COFACTORS SKI AND SKIL PROTEIN PARTNERS, WP TRANSCRIPTION COFACTORS SKI AND SKIL PROTEIN PARTNERS
                                                                                                      BIOCARTA_MSP_PATHWAY, BIOCARTA_MSP_PATHWAY
                                                                                                      GOBP_NEUROINFLAMMATORY_RESPONSE, GOBP_NEUROINFLAMMATORY_RESPONSE
                                                                                                      HP_DISTAL_UPPER_LIMB_MUSCLE_WEAKNESS, HP_DISTAL_UPPER_LIMB_MUSCLE_WEAKNESS
                                                                                                      GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_GREEN_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_GREEN_UP
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_NEUROINFLAMMATORY_RESPONSE, GOBP_NEGATIVE_REGULATION_OF_NEUROINFLAMMATORY_RESPONSE
                                                                                                      MARIADASON_RESPONSE_TO_CURCUMIN_SULINDAC_5, MARIADASON_RESPONSE_TO_CURCUMIN_SULINDAC_5
                                                                                                      GOBP_REGULATION_OF_ACTIVATION_OF_JANUS_KINASE_ACTIVITY, GOBP_REGULATION_OF_ACTIVATION_OF_JANUS_KINASE_ACTIVITY
                                                                                                      HP_CORONARY_ARTERY_ANEURYSM, HP_CORONARY_ARTERY_ANEURYSM
                                                                                                      HP ALOPECIA UNIVERSALIS, HP ALOPECIA UNIVERSALIS
                                                                                                      GOBP_REGULATION_OF_MICROGLIAL_CELL_ACTIVATION, GOBP_REGULATION_OF_MICROGLIAL_CELL_ACTIVATION
                                                                                                      GOBP_LEUKOCYTE_TETHERING_OR_ROLLING, GOBP_LEUKOCYTE_TETHERING_OR_ROLLING
                                                                                                      GOBP REGULATION OF TRIGLYCERIDE BIOSYNTHETIC PROCESS, GOBP REGULATION OF TRIGLYCERIDE BIOSYNTHETIC PROCESS
                                                                                                      GOBP_HISTONE_ARGININE_METHYLATION, GOBP_HISTONE_ARGININE_METHYLATION
                                                                                                      MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_13, MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_13
                                                                                                      GOBP_PROTEIN_UFMYLATION, GOBP_PROTEIN_UFMYLATION
                                                                                                      GOBP_POSITIVE_REGULATION_OF_TRIGLYCERIDE_BIOSYNTHETIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_TRIGLYCERIDE_BIOSYNTHETIC_PROCESS
                                                                                                      GOBP_POSITIVE_REGULATION_OF_AMYLOID_BETA_FORMATION, GOBP_POSITIVE_REGULATION_OF_AMYLOID_BETA_FORMATION
                                                                                                      GOBP_REGULATION_OF_ENDOTHELIAL_CELL_DEVELOPMENT, GOBP_REGULATION_OF_ENDOTHELIAL_CELL_DEVELOPMENT
                                                                                                      HP_ATLANTOAXIAL_ABNORMALITY, HP_ATLANTOAXIAL_ABNORMALITY
                                                                                                      GOBP_POSITIVE_REGULATION_OF_MICROGLIAL_CELL_ACTIVATION, GOBP_POSITIVE_REGULATION_OF_MICROGLIAL_CELL_ACTIVATION
                                                                                                      HP PRECOCIOUS ATHEROSCLEROSIS, HP PRECOCIOUS ATHEROSCLEROSIS
                                                                                                      HP_AORTIC_ATHEROSCLEROTIC_LESION, HP_AORTIC_ATHEROSCLEROTIC_LESION
                                                                                                      GOBP_POSITIVE_REGULATION_OF_KIDNEY_DEVELOPMENT, GOBP_POSITIVE_REGULATION_OF_KIDNEY_DEVELOPMENT
                                                                                                      GOBP_ENDOCYTOSIS_INVOLVED_IN_VIRAL_ENTRY_INTO_HOST_CELL, GOBP_ENDOCYTOSIS_INVOLVED_IN_VIRAL_ENTRY_INTO_HOST_CELL
                                                                                                      GOMF_PHOSPHATE_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_PHOSPHATE_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                      HP EEG WITH FOCAL SHARP SLOW WAVES, HP EEG WITH FOCAL SHARP SLOW WAVES
                                                                                                      GOBP_PLASMA_CELL_DIFFERENTIATION, GOBP_PLASMA_CELL_DIFFERENTIATION
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_VASCULAR_WOUND_HEALING, GOBP_NEGATIVE_REGULATION_OF_VASCULAR_WOUND_HEALING
                                                                                                      HP_IRIDOCYCLITIS, HP_IRIDOCYCLITIS
                                                                                                      GOMF HISTONE ARGININE N METHYLTRANSFERASE ACTIVITY, GOMF HISTONE ARGININE N METHYLTRANSFERASE ACTIVITY
                                                                                                      GOBP EPITHELIAL CELL PROLIFERATION INVOLVED IN SALIVARY GLAND MORPHOGENESIS, GOBP EPITHELIAL CELL PROLIFERATION INVOLVED IN SALIVARY GLAND MORPHOGENESIS
                                                                                                      HP_PERIPAPILLARY_ATROPHY, HP_PERIPAPILLARY_ATROPHY
                                                                                                      HP_ABNORMAL_EPIGLOTTIS_MORPHOLOGY, HP_ABNORMAL_EPIGLOTTIS_MORPHOLOGY
                                                                                                      GOBP_REGULATORY_T_CELL_DIFFERENTIATION, GOBP_REGULATORY_T_CELL_DIFFERENTIATION
                                                                                                      GOBP REGULATION OF RECEPTOR SIGNALING PATHWAY VIA STAT, GOBP REGULATION OF RECEPTOR SIGNALING PATHWAY VIA STAT
                                                                                                      REACTOME_METABOLISM_OF_FAT_SOLUBLE_VITAMINS, REACTOME_METABOLISM_OF_FAT_SOLUBLE_VITAMINS
                                                                                                      GOBP POSITIVE REGULATION OF MEMBRANE PROTEIN ECTODOMAIN PROTEOLYSIS, GOBP POSITIVE REGULATION OF MEMBRANE PROTEIN ECTODOMAIN PROTEOLYSIS
                                                                                                      GOBP_REGULATION_OF_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY, GOBP_REGULATION_OF_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY
                                                                                                      GOBP ACTIVATION OF MAPKKK ACTIVITY, GOBP ACTIVATION OF MAPKKK ACTIVITY
                                                                                                      GOMF RNA POLYMERASE I GENERAL TRANSCRIPTION INITIATION FACTOR ACTIVITY, GOMF RNA POLYMERASE I GENERAL TRANSCRIPTION INITIATION FACTOR ACTIVITY
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_GLUCOSE_IMPORT, GOBP_NEGATIVE_REGULATION_OF_GLUCOSE_IMPORT
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_TRANSLATIONAL_ELONGATION, GOBP_NEGATIVE_REGULATION_OF_TRANSLATIONAL_ELONGATION
                                                                                                      GOBP_PROTEIN_POLYUFMYLATION, GOBP_PROTEIN_POLYUFMYLATION
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GOMF\_RNA\_POLYMERASE\_I\_CORE\_BINDING, GOMF\_RNA\_POLYMERASE\_I\_CORE\_BINDING

GOBP\_TRIGLYCERIDE\_RICH\_LIPOPROTEIN\_PARTICLE\_CLEARANCE, GOBP\_TRIGLYCERIDE\_RICH\_LIPOPROTEIN\_PARTICLE\_CLEARANCE RICKMAN\_TUMOR\_DIFFERENTIATED\_WELL\_VS\_MODERATELY\_DN, RICKMAN\_TUMOR\_DIFFERENTIATED\_WELL\_VS\_MODERATELY\_DN

GOBP\_LEUKOCYTE\_ADHESION\_TO\_VASCULAR\_ENDOTHELIAL\_CELL, GOBP\_LEUKOCYTE\_ADHESION\_TO\_VASCULAR\_ENDOTHELIAL\_CELL

REACTOME\_CHYLOMICRON\_CLEARANCE, REACTOME\_CHYLOMICRON\_CLEARANCE

JI\_METASTASIS\_REPRESSED\_BY\_STK11, JI\_METASTASIS\_REPRESSED\_BY\_STK11