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GSE13485_CTRL_VS_DAY21_YF17D_VACCINE_PBMC_UP, GSE13485_CTRL_VS_DAY21_YF17D_VACCINE_PBMC_UP
                                                                                                                              GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_MIR155_KO_DN, GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_MIR155_KO_DN
                                                                                                                              GSE10239_NAIVE_VS_MEMORY_CD8_TCELL_UP, GSE10239_NAIVE_VS_MEMORY_CD8_TCELL_UP
                                                                                                                             GSE19772 HCMV_INFL_VS_HCMV_INF_MONOCYTES_AND_PI3K_INHIBITION_DN, GSE19772 HCMV_INFL_VS_HCMV_INF_MONOCYTES_AND_PI3K_INHIBITION_DN
                                                                                                                             GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_UP, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_UP
                                                                                                                             GSE17721_LPS_VS_GARDIQUIMOD_24H_BMDC_DN, GSE17721_LPS_VS_GARDIQUIMOD_24H_BMDC_DN
                                                                                                                             GSE17301_ACD3_ACD28_VS_ACD3_ACD28_AND_IFNA2_STIM_CD8_TCELL_DN, GSE17301_ACD3_ACD28_VS_ACD3_ACD28_AND_IFNA2_STIM_CD8_TCELL_DN
                                                                                                                             PUIFFE_INVASION_INHIBITED_BY_ASCITES_DN, PUIFFE_INVASION_INHIBITED_BY_ASCITES_DN
                                                                                                                             GSE17721_LPS_VS_POLYIC_6H_BMDC_UP, GSE17721_LPS_VS_POLYIC_6H_BMDC_UP
                                                                                                                             GSE17721_CTRL_VS_GARDIQUIMOD_24H_BMDC_DN, GSE17721_CTRL_VS_GARDIQUIMOD_24H_BMDC_DN
                                                                                                                             GSE13484_UNSTIM_VS_12H_YF17D_VACCINE_STIM_PBMC_DN, GSE13484_UNSTIM_VS_12H_YF17D_VACCINE_STIM_PBMC_DN
                                                                                                                              GSE29949_MICROGLIA_BRAIN_VS_CD8_POS_DC_SPLEEN_UP, GSE29949_MICROGLIA_BRAIN_VS_CD8_POS_DC_SPLEEN_UP
                                                                                                                              GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_0.5H_CD4_TCELL_DN, GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_0.5H_CD4_TCELL_DN
                                                                                                                              GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_12H_ACT_CD4_TCELL_UP, GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_12H_ACT_CD4_TCELL_UP
                                                                                                                              GSE2124_CTRL_VS_LYMPHOTOXIN_BETA_TREATED_MLN_DN, GSE2124_CTRL_VS_LYMPHOTOXIN_BETA_TREATED_MLN_DN
                                                                                                                              GSE14308_TH1_VS_NATURAL_TREG_DN, GSE14308_TH1_VS_NATURAL_TREG_DN
                                                                                                                              ELVIDGE_HIF1A_TARGETS_UP, ELVIDGE_HIF1A_TARGETS_UP
                                                                                                                              GSE45365_CD8A_DC_VS_CD11B_DC_IFNAR_KO_DN, GSE45365_CD8A_DC_VS_CD11B_DC_IFNAR_KO_DN
                                                                                                                              GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_2H_UP, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_2H_UP
                                                                                                                              GSE26488_WT_VS_VP16_TRANSGENIC_HDAC7_KO_DOUBLE_POSITIVE_THYMOCYTE_UP, GSE26488_WT_VS_VP16_TRANSGENIC_HDAC7_KO_DOUBLE_POSITIVE_THYMOCYTE_UP
                                                                                                                              GSE17721_CTRL_VS_POLYIC_12H_BMDC_DN, GSE17721_CTRL_VS_POLYIC_12H_BMDC_DN
                                                                                                                              GSE27291_0H_VS_7D_STIM_GAMMADELTA_TCELL_UP, GSE27291_0H_VS_7D_STIM_GAMMADELTA_TCELL_UP
                                                                                                                              BRUINS UVC RESPONSE MIDDLE, BRUINS UVC RESPONSE MIDDLE
                                                                                                                              GSE9006_HEALTHY_VS_TYPE_2_DIABETES_PBMC_AT_DX_DN, GSE9006_HEALTHY_VS_TYPE_2_DIABETES_PBMC_AT_DX_DN
                                                                                                                              GSE21927_HEALTHY_VS_TUMOROUS_BALBC_MOUSE_MONOCYTE_UP, GSE21927_HEALTHY_VS_TUMOROUS_BALBC_MOUSE_MONOCYTE_UP
                                                                                                                              GSE25123_CTRL_VS_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DN, GSE25123_CTRL_VS_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DN
                                                                                                                              GO_HISTONE_H3_K4_METHYLATION, GO_HISTONE_H3_K4_METHYLATION
                                                                                                                              CAFFAREL_RESPONSE_TO_THC_24HR_5_DN, CAFFAREL_RESPONSE_TO_THC_24HR_5_DN
                                                                                                                              chr8q22, chr8q22
                                                                                                                              GSE17974_0H_VS_0.5H_IN_VITRO_ACT_CD4_TCELL_DN, GSE17974_0H_VS_0.5H_IN_VITRO_ACT_CD4_TCELL_DN
                                                                                                                              GO_NEGATIVE_REGULATION_OF_INTRACELLULAR_PROTEIN_TRANSPORT, GO_NEGATIVE_REGULATION_OF_INTRACELLULAR_PROTEIN_TRANSPORT
                                                                                                                              GSE16385_IFNG_TNF_VS_ROSIGLITAZONE_STIM_MACROPHAGE_UP, GSE16385_IFNG_TNF_VS_ROSIGLITAZONE_STIM_MACROPHAGE_UP
                                                                                                                             SMITH_LIVER_CANCER, SMITH_LIVER_CANCER
                                                                                                                             GO_POLYUBIQUITIN_BINDING, GO_POLYUBIQUITIN_BINDING
DAY1_YF17D_VACCINE_PBMC_UP, GSE13485_CTRL_VS_DAY1_YF17D_VACCINE_PBMC_UP
                                                                                                                              GSE10463_CD40L_AND_VA347_VS_CD40L_IN_DC_UP, GSE10463_CD40L_AND_VA347_VS_CD40L_IN_DC_UP
                                                                                                                              GO_PROTEIN_EXIT_FROM_ENDOPLASMIC_RETICULUM, GO_PROTEIN_EXIT_FROM_ENDOPLASMIC_RETICULUM
                                                                                                                              GSE37534_PIOGLITAZONE_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_FOXP3_TRANSDUCED_DN, GSE37534_PIOGLITAZONE_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_PPARG1_FOXP3_TCELL_P
                                                                                                                              GO_RETROGRADE_PROTEIN_TRANSPORT_ER_TO_CYTOSOL, GO_RETROGRADE_PROTEIN_TRANSPORT_ER_TO_CYTOSOL
                                                                                                                              GO_ER_TO_GOLGI_TRANSPORT_VESICLE, GO_ER_TO_GOLGI_TRANSPORT_VESICLE
                                                                                                                              GSE29615_DAY3_VS_DAY7_LAIV_FLU_VACCINE_PBMC_DN, GSE29615_DAY3_VS_DAY7_LAIV_FLU_VACCINE_PBMC_DN
                                                                                                                              KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_GAMMA_IN_OLD, KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_GAMMA_IN_OLD
                                                                                                                              GSE15659_NAIVE_VS_PTPRC_NEG_CD4_TCELL_DN, GSE15659_NAIVE_VS_PTPRC_NEG_CD4_TCELL_DN
                                                                                                                              NIELSEN_MALIGNAT_FIBROUS_HISTIOCYTOMA_UP, NIELSEN_MALIGNAT_FIBROUS_HISTIOCYTOMA_UP
                                                                                                                              GO_HISTONE_METHYLTRANSFERASE_ACTIVITY_H3_K4_SPECIFIC_, GO_HISTONE_METHYLTRANSFERASE_ACTIVITY_H3_K4_SPECIFIC_
                                                                                                                              GSE15930_STIM_VS_STIM_AND_IFNAB_24H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_IFNAB_24H_CD8_T_CELL_DN
                                                                                                                              GO_INOSITOL_PHOSPHATE_PHOSPHATASE_ACTIVITY, GO_INOSITOL_PHOSPHATE_PHOSPHATASE_ACTIVITY
                                                                                                                              chr5q12, chr5q12
                                                                                                                              GO_UBIQUITIN_LIKE_PROTEIN_CONJUGATING_ENZYME_BINDING, GO_UBIQUITIN_LIKE_PROTEIN_CONJUGATING_ENZYME_BINDING
                                                                                                                              GO_REGULATION_OF_FIBROBLAST_MIGRATION, GO_REGULATION_OF_FIBROBLAST_MIGRATION
                                                                                                                              chr15q14, chr15q14
                                                                                                                              GO_NEGATIVE_REGULATION_OF_ERAD_PATHWAY, GO_NEGATIVE_REGULATION_OF_ERAD_PATHWAY
                                                                                                                              GAZDA_DIAMOND_BLACKFAN_ANEMIA_PROGENITOR_UP, GAZDA_DIAMOND_BLACKFAN_ANEMIA_PROGENITOR_UP
                                                                                                                              GSE17721_CTRL_VS_GARDIQUIMOD_4H_BMDC_DN, GSE17721_CTRL_VS_GARDIQUIMOD_4H_BMDC_DN
                                                                                                                              GO_ENDOPLASMIC_RETICULUM_QUALITY_CONTROL_COMPARTMENT, GO_ENDOPLASMIC_RETICULUM_QUALITY_CONTROL_COMPARTMENT
                                                                                                                             GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLUE_DN, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLUE_DN
                                                                                                                             CHEOK_RESPONSE_TO_MERCAPTOPURINE_AND_LD_MTX_UP, CHEOK_RESPONSE_TO_MERCAPTOPURINE_AND_LD_MTX_UP
                                                                                                                             GSE29618_PRE_VS_DAY7_FLU_VACCINE_BCELL_UP, GSE29618_PRE_VS_DAY7_FLU_VACCINE_BCELL_UP
                                                                                                                             PID_TCR_JNK_PATHWAY, PID_TCR_JNK_PATHWAY
                                                                                                                             GO_REGULATION_OF_PROTEIN_EXIT_FROM_ENDOPLASMIC_RETICULUM, GO_REGULATION_OF_PROTEIN_EXIT_FROM_ENDOPLASMIC_RETICULUM
                                                                                                                             GO_ENDOPLASMIC_RETICULUM_TO_CYTOSOL_TRANSPORT, GO_ENDOPLASMIC_RETICULUM_TO_CYTOSOL_TRANSPORT
                                                                                                                             RB_DN.V1_DN, RB_DN.V1_DN
                                                                                                                             GSE28449_WT_VS_LRF_KO_GERMINAL_CENTER_BCELL_UP, GSE28449_WT_VS_LRF_KO_GERMINAL_CENTER_BCELL_UP
                                                                                                                             ATF6_01, ATF6_01
                                                                                                                             CHASSOT_SKIN_WOUND, CHASSOT_SKIN_WOUND
                                                                                                                              DAVIES_MULTIPLE_MYELOMA_VS_MGUS_DN, DAVIES_MULTIPLE_MYELOMA_VS_MGUS_DN
                                                                                                                              GO_PROTEIN_NEDDYLATION, GO_PROTEIN_NEDDYLATION
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GSE19888\_CTRL\_VS\_A3R\_INHIBITOR\_TREATED\_MAST\_CELL\_UP, GSE19888\_CTRL\_VS\_A3R\_INHIBITOR\_TREATED\_MAST\_CELL\_UP

GO\_REGULATION\_OF\_RETROGRADE\_PROTEIN\_TRANSPORT\_ER\_TO\_CYTOSOL, GO\_REGULATION\_OF\_RETROGRADE\_PROTEIN\_TRANSPORT\_ER\_TO\_CYTOSOL

GO\_POSITIVE\_REGULATION\_OF\_ACTIN\_NUCLEATION, GO\_POSITIVE\_REGULATION\_OF\_ACTIN\_NUCLEATION

GO\_DENDRITIC\_SPINE\_DEVELOPMENT, GO\_DENDRITIC\_SPINE\_DEVELOPMENT

GSE13485\_DAY1\_VS\_DAY3\_YF17D\_VACCINE\_PBMC\_DN, GSE13485\_DAY1\_VS\_DAY3\_YF17D\_VACCINE\_PBMC\_DN