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GSE27786_NKTCELL_VS_MONO_MAC_UP, GSE27786_NKTCELL_VS_MONO_MAC_UP
                                                                                        GSE27786_ERYTHROBLAST_VS_MONO_MAC_DN, GSE27786_ERYTHROBLAST_VS_MONO_MAC_DN
                                                                                        GSE27786 CD4 TCELL VS MONO MAC UP, GSE27786 CD4 TCELL VS MONO MAC UP
                                                                                        GSE20198_UNTREATED_VS_IFNA_TREATED_ACT_CD4_TCELL_DN, GSE20198_UNTREATED_VS_IFNA_TREATED_ACT_CD4_TCELL_DN
                                                                                       GSE27786_NKCELL_VS_MONO_MAC_UP, GSE27786_NKCELL_VS_MONO_MAC_UP
                                                                                       GSE17721_LPS_VS_CPG_1H_BMDC_UP, GSE17721_LPS_VS_CPG_1H_BMDC_UP
                                                                                       GSE17186 NAIVE VS CD21HIGH_TRANSITIONAL BCELL CORD_BLOOD_UP, GSE17186 NAIVE VS CD21HIGH_TRANSITIONAL_BCELL_CORD_BLOOD_UP
                                                                                       GSE17721_LPS_VS_POLYIC_24H_BMDC_UP, GSE17721_LPS_VS_POLYIC_24H_BMDC_UP
                                                                                       GSE6674_UNSTIM_VS_ANTI_IGM_STIM_BCELL_UP, GSE6674_UNSTIM_VS_ANTI_IGM_STIM_BCELL_UP
                                                                                       GSE27786 LSK VS BCELL DN, GSE27786 LSK VS BCELL DN
                                                                                       GSE27786 BCELL VS NKCELL UP, GSE27786 BCELL VS NKCELL UP
                                                                                       GSE9960_GRAM_POS_VS_GRAM_NEG_AND_POS_SEPSIS_PBMC_UP, GSE9960_GRAM_POS_VS_GRAM_NEG_AND_POS_SEPSIS_PBMC_UP
                                                                                       GSE14308_TH1_VS_INDUCED_TREG_UP, GSE14308_TH1_VS_INDUCED_TREG_UP
                                                                                        GSE39022_LN_VS_SPLEEN_DC_DN, GSE39022_LN_VS_SPLEEN_DC_DN
                                                                                       GSE27786_LIN_NEG_VS_CD8_TCELL_DN, GSE27786_LIN_NEG_VS_CD8_TCELL_DN
                                                                                       GSE15767_MED_VS_SCS_MAC_LN_DN, GSE15767_MED_VS_SCS_MAC_LN_DN
                                                                                       GSE14308_TH2_VS_NATURAL_TREG_DN, GSE14308_TH2_VS_NATURAL_TREG_DN
                                                                                        GSE9037_CTRL_VS_LPS_1H_STIM_BMDM_UP, GSE9037_CTRL_VS_LPS_1H_STIM_BMDM_UP
                                                                                        GSE2128 C57BL6 VS NOD THYMOCYTE MIMETOPE NEGATIVE SELECTION DN, GSE2128 C57BL6 VS NOD THYMOCYTE MIMETOPE NEGATIVE SELECTION DN
                                                                                         GSE23568_CTRL_VS_ID3_TRANSDUCED_CD8_TCELL_UP, GSE23568_CTRL_VS_ID3_TRANSDUCED_CD8_TCELL_UP
                                                                                         GSE3720 VD1 VS VD2 GAMMADELTA TCELL WITH LPS STIM UP, GSE3720 VD1 VS VD2 GAMMADELTA TCELL WITH LPS STIM UP
                                                                                         GSE27786 CD8 TCELL VS NKCELL UP, GSE27786 CD8 TCELL VS NKCELL UP
                                                                                         GSE8621_UNSTIM_VS_LPS_PRIMED_UNSTIM_MACROPHAGE_DN, GSE8621_UNSTIM_VS_LPS_PRIMED_UNSTIM_MACROPHAGE_DN
                                                                                         GSE1448 CTRL VS ANTI VBETA5 DP THYMOCYTE UP, GSE1448 CTRL VS ANTI VBETA5 DP THYMOCYTE UP
                                                                                         GSE23505_IL6_IL1_VS_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP, GSE23505_IL6_IL1_VS_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP
                                                                                        GO_PROTEIN_TARGETING_TO_MITOCHONDRION, GO_PROTEIN_TARGETING_TO_MITOCHONDRION
                                                                                         GTGTTGA MIR505, GTGTTGA MIR505
                                                                                         GO_PROTEIN_LOCALIZATION_TO_MITOCHONDRION, GO_PROTEIN_LOCALIZATION_TO_MITOCHONDRION
                                                                                         GSE14308_TH17_VS_NAIVE_CD4_TCELL_DN, GSE14308_TH17_VS_NAIVE_CD4_TCELL_DN
                                                                                        GO_DEMETHYLASE_ACTIVITY, GO_DEMETHYLASE_ACTIVITY
                                                                                        GSE10240_CTRL_VS_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_UP, GSE10240_CTRL_VS_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_UP
                                                                                       GO_DNA_MODIFICATION, GO_DNA_MODIFICATION
L_VS_MONO_MAC_UP, GSE27786_BCELL_VS_MONO_MAC_UP
                                                                                        GSE32901_TH1_VS_TH17_ENRICHED_CD4_TCELL_DN, GSE32901_TH1_VS_TH17_ENRICHED_CD4_TCELL_DN
                                                                                        GNF2 RAP1B, GNF2 RAP1B
                                                                                        GO_DEMETHYLATION, GO_DEMETHYLATION
                                                                                         GSE14308_NAIVE_CD4_TCELL_VS_NATURAL_TREG_UP, GSE14308_NAIVE_CD4_TCELL_VS_NATURAL_TREG_UP
                                                                                         GO_NEGATIVE_REGULATION_OF_TYPE_I_INTERFERON_PRODUCTION, GO_NEGATIVE_REGULATION_OF_TYPE_I_INTERFERON_PRODUCTION
                                                                                        GO_DNA_METHYLATION_OR_DEMETHYLATION, GO_DNA_METHYLATION_OR_DEMETHYLATION
                                                                                         NAKAMURA_ADIPOGENESIS_LATE_UP, NAKAMURA_ADIPOGENESIS_LATE_UP
                                                                                          GO\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_PAIRED\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONOR\_AND\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OF\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OT\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OT\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_WITH\_INCORPORATION\_OT\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_ONE\_DONORS\_MOLECULAR\_OXYGEN\_2\_OXOGLUTARATE\_AS\_OXYGEN\_2\_OXOGLUTARATE\_AS\_OXYGEN\_2\_OXOGLUTARATE\_AS\_OXYGEN\_2\_OXOGLUTARATE\_AS\_OXYGEN\_2\_OXOGLUTARATE\_AS\_OXYGEN\_2\_OXOGLUTARATE\_AS\_OXYGEN\_2\_OXOGLUTARATE\_AS\_OXYGEN\_2\_OXOGLUTARATE\_AS\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_2\_OXYGEN\_
                                                                                         GSE5542_IFNG_VS_IFNA_TREATED_EPITHELIAL_CELLS_6H_DN, GSE5542_IFNG_VS_IFNA_TREATED_EPITHELIAL_CELLS_6H_DN
                                                                                       GO POSITIVE REGULATION OF PHOSPHATIDYLINOSITOL 3 KINASE SIGNALING, GO POSITIVE REGULATION OF PHOSPHATIDYLINOSITOL 3 KINASE SIGNALING
                                                                                         HUMMERICH_SKIN_CANCER_PROGRESSION_DN, HUMMERICH_SKIN_CANCER_PROGRESSION_DN
                                                                                        GSE25890_CTRL_VS_IL33_IL7_TREATED_NUOCYTES_UP, GSE25890_CTRL_VS_IL33_IL7_TREATED_NUOCYTES_UP
                                                                                        GO ESTABLISHMENT OF CELL POLARITY, GO ESTABLISHMENT OF CELL POLARITY
                                                                                       AR_02, AR_02
                                                                                       BYSTRYKH_HEMATOPOIESIS_STEM_CELL_SCP2_QTL_TRANS, BYSTRYKH_HEMATOPOIESIS_STEM_CELL_SCP2_QTL_TRANS
                                                                                        GO_PROTON_TRANSPORTING_ATP_SYNTHASE_COMPLEX_COUPLING_FACTOR_F_O_, GO_PROTON_TRANSPORTING_ATP_SYNTHASE_COMPLEX_COUPLING_FACTOR_F_O_
                                                                                       GENTILE UV RESPONSE CLUSTER D6, GENTILE UV RESPONSE CLUSTER D6
                                                                                       GSE14415_INDUCED_TREG_VS_FOXP3_KO_INDUCED_TREG_IL2_CULTURE_DN, GSE14415_INDUCED_TREG_VS_FOXP3_KO_INDUCED_TREG_IL2_CULTURE_DN
                                                                                       GO CILIARY TIP, GO CILIARY TIP
                                                                                       GO_PROTON_TRANSPORTING_TWO_SECTOR_ATPASE_COMPLEX_PROTON_TRANSPORTING_DOMAIN, GO_PROTON_TRANSPORTING_TWO_SECTOR_ATPASE_COMPLEX_PROTON_TRANSPORTING_DOMAIN
                                                                                       KORKOLA_SEMINOMA_UP, KORKOLA_SEMINOMA_UP
                                                                                       STAT3_01, STAT3_01
                                                                                       REACTOME NUCLEAR EVENTS KINASE AND TRANSCRIPTION FACTOR ACTIVATION, REACTOME NUCLEAR EVENTS KINASE AND TRANSCRIPTION FACTOR ACTIVATION
                                                                                        TCTGATC MIR383, TCTGATC MIR383
                                                                                       REACTOME_MAPK_TARGETS_NUCLEAR_EVENTS_MEDIATED_BY_MAP_KINASES, REACTOME_MAPK_TARGETS_NUCLEAR_EVENTS_MEDIATED_BY_MAP_KINASES
                                                                                       STAT1 01, STAT1 01
                                                                                       KEGG_BIOSYNTHESIS_OF_UNSATURATED_FATTY_ACIDS, KEGG_BIOSYNTHESIS_OF_UNSATURATED_FATTY_ACIDS
                                                                                        GSE360_DC_VS_MAC_T_GONDII_UP, GSE360_DC_VS_MAC_T_GONDII_UP
                                                                                       GO_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE, GO_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE
                                                                                        GO_ARMADILLO_REPEAT_DOMAIN_BINDING, GO_ARMADILLO_REPEAT_DOMAIN_BINDING
                                                                                       GO_NEGATIVE_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE, GO_NEGATIVE_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE
                                                                                        LEIN_PONS_MARKERS, LEIN_PONS_MARKERS
                                                                                       chrxq24, chrxq24
                                                                                        DER IFN GAMMA RESPONSE DN, DER IFN GAMMA RESPONSE DN
                                                                                       GO_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION, GO_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION
                                                                                       PID_LYMPH_ANGIOGENESIS_PATHWAY, PID_LYMPH_ANGIOGENESIS_PATHWAY
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GSE27786_CD8_TCELL_VS_ERYTHROBLAST_UP, GSE27786_CD8_TCELL_VS_ERYTHROBLAST_UP

GSE46606 IRF4HIGH_VS_IRF4MID_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP, GSE46606_IRF4HIGH_VS_IRF4MID_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP

GSE27786_CD8_TCELL_VS_MONO_MAC_UP, GSE27786_CD8_TCELL_VS_MONO_MAC_UP

GSE27786_BCELL_VS_NEUTROPHIL_UP, GSE27786_BCELL_VS_NEUTROPHIL_UP