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GSE26559_TCF1_KO_VS_WT_LIN_NEG_CELL_UP, GSE26559_TCF1_KO_VS_WT_LIN_NEG_CELL_UP
                                                                                                                                 GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_6H_UP, GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_6H_UP
                                                                                                                                 GSE360 L DONOVANI VS B MALAYI LOW DOSE MAC DN, GSE360 L DONOVANI VS B MALAYI LOW DOSE MAC DN
                                                                                                                                 GSE46606 IRF4MID VS WT CD40L IL2 IL5 DAY3 STIMULATED BCELL UP, GSE46606 IRF4MID VS WT CD40L IL2 IL5 DAY3 STIMULATED BCELL UP
                                                                                                                                 GSE17186_NAIVE_VS_CD21LOW_TRANSITIONAL_BCELL_UP, GSE17186_NAIVE_VS_CD21LOW_TRANSITIONAL_BCELL_UP
                                                                                                                                 GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_48H_CD8_T_CELL_UP, GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_48H_CD8_T_CELL_UP
                                                                                                                                 GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE
                                                                                                                                 GSE29949_DC_BRAIN_VS_MONOCYTE_BONE_MARROW_UP, GSE29949_DC_BRAIN_VS_MONOCYTE_BONE_MARROW_UP
                                                                                                                                 GSE23568_CTRL_TRANSDUCED_VS_WT_CD8_TCELL_DN, GSE23568_CTRL_TRANSDUCED_VS_WT_CD8_TCELL_DN
                                                                                                                                 GSE17721_CTRL_VS_PAM3CSK4_24H_BMDC_DN, GSE17721_CTRL_VS_PAM3CSK4_24H_BMDC_DN
                                                                                                                                 JIANG_HYPOXIA_NORMAL, JIANG_HYPOXIA_NORMAL
                                                                                                                                 GSE5589_UNSTIM_VS_180MIN_LPS_AND_IL10_STIM_MACROPHAGE_DN, GSE5589_UNSTIM_VS_180MIN_LPS_AND_IL10_STIM_MACROPHAGE_DN
                                                                                                                                 GSE1460_CD4_THYMOCYTE_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_DN, GSE1460_CD4_THYMOCYTE_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_DN
                                                                                                                                 MIR224_5P, MIR224_5P
                                                                                                                                 GSE11057_PBMC_VS_MEM_CD4_TCELL_DN, GSE11057_PBMC_VS_MEM_CD4_TCELL_DN
                                                                                                                                 GSE1432_1H_VS_24H_IFNG_MICROGLIA_UP, GSE1432_1H_VS_24H_IFNG_MICROGLIA_UP
                                                                                                                                 GOCC_CYTOPLASMIC_SIDE_OF_MEMBRANE, GOCC_CYTOPLASMIC_SIDE_OF_MEMBRANE
                                                                                                                                 GSE3982_EOSINOPHIL_VS_DC_UP, GSE3982_EOSINOPHIL_VS_DC_UP
                                                                                                                                 KIM_WT1_TARGETS_8HR_UP, KIM_WT1_TARGETS_8HR_UP
                                                                                                                                 BROWNE_HCMV_INFECTION_24HR_UP, BROWNE_HCMV_INFECTION_24HR_UP
                                                                                                                                 RAF_UP.V1_UP, RAF_UP.V1_UP
                                                                                                                                 GSE19941_IL10_KO_VS_IL10_KO_AND_NFKBP50_KO_LPS_AND_IL10_STIM_MACROPHAGE_UP, GSE19941_IL10_KO_VS_IL10_KO_AND_NFKBP50_KO_LPS_AND_IL10_STIM_MA
                                                                                                                                 HELLER_SILENCED_BY_METHYLATION_DN, HELLER_SILENCED_BY_METHYLATION_DN
                                                                                                                                 GSE11961_MEMORY_BCELL_DAY7_VS_MEMORY_BCELL_DAY40_UP, GSE11961_MEMORY_BCELL_DAY7_VS_MEMORY_BCELL_DAY40_UP
                                                                                                                                 KEGG_AXON_GUIDANCE, KEGG_AXON_GUIDANCE
                                                                                                                                 GSE360_CTRL_VS_L_MAJOR_MAC_DN, GSE360_CTRL_VS_L_MAJOR_MAC_DN
                                                                                                                                 MODULE_491, MODULE_491
                                                                                                                                 MODULE_206, MODULE_206
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                                                                                                                                 SNF5_DN.V1_UP, SNF5_DN.V1_UP
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                                                                                                                                 REACTOME_L1CAM_INTERACTIONS, REACTOME_L1CAM_INTERACTIONS
                                                                                                                                 GSE34156_UNTREATED_VS_24H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_UP, GSE34156_UNTREATED_VS_24H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_
                                                                                                                                 HOEBEKE_LYMPHOID_STEM_CELL_UP, HOEBEKE_LYMPHOID_STEM_CELL_UP
                                                                                                                                 MIR6828_3P, MIR6828_3P
                                                                                                                                 GSE17721_LPS_VS_PAM3CSK4_0.5H_BMDC_DN, GSE17721_LPS_VS_PAM3CSK4_0.5H_BMDC_DN
                                                                                                                                 GSE22886_NAIVE_CD8_TCELL_VS_NEUTROPHIL_DN, GSE22886_NAIVE_CD8_TCELL_VS_NEUTROPHIL_DN
                                                                                                                                 MIR6866_3P, MIR6866_3P
                                                                                                                                 GOBP_ESTABLISHMENT_OF_CELL_POLARITY, GOBP_ESTABLISHMENT_OF_CELL_POLARITY
                                                                                                                                 MIR188_5P, MIR188_5P
                                                                                                                                 GSE29949 MICROGLIA BRAIN VS MONOCYTE BONE MARROW UP, GSE29949 MICROGLIA BRAIN VS MONOCYTE BONE MARROW UP
                                                                                                                                 HP_ABNORMALITY_OF_THE_DIAPHRAGM, HP_ABNORMALITY_OF_THE_DIAPHRAGM
                                                                                                                                 ZHENG_CORD_BLOOD_C10_MULTILYMPHOID_PROGENITOR, ZHENG_CORD_BLOOD_C10_MULTILYMPHOID_PROGENITOR
                                                                                                                                 AIZARANI_LIVER_C21_STELLATE_CELLS_1, AIZARANI_LIVER_C21_STELLATE_CELLS_1
                                                                                                                                 GOBP_RESPONSE_TO_CADMIUM_ION, GOBP_RESPONSE_TO_CADMIUM_ION
Y VS EFFECTOR MEMORY CD8 TCELL DN, GSE23321 CD8 STEM CELL MEMORY VS EFFECTOR MEMORY CD8 TCELL DN
                                                                                                                                 GSE33374_CD8_ALPHAALPHA_VS_ALPHABETA_CD161_HIGH_TCELL_UP, GSE33374_CD8_ALPHAALPHA_VS_ALPHABETA_CD161_HIGH_TCELL_UP
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                                                                                                                                 GTTAAAG_MIR302B, GTTAAAG_MIR302B
                                                                                                                                 PID_S1P_S1P2_PATHWAY, PID_S1P_S1P2_PATHWAY
                                                                                                                                 NADLER_OBESITY_UP, NADLER_OBESITY_UP
                                                                                                                                 HP_ABDOMINAL_DISTENTION, HP_ABDOMINAL_DISTENTION
                                                                                                                                 GOBP RUFFLE ORGANIZATION, GOBP RUFFLE ORGANIZATION
                                                                                                                                 MEL18_DN.V1_DN, MEL18_DN.V1_DN
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                                                                                                                                 GOCC_NEUROMUSCULAR_JUNCTION, GOCC_NEUROMUSCULAR_JUNCTION
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                                                                                                                                 GSE29949_MICROGLIA_BRAIN_VS_CD8_POS_DC_SPLEEN_DN, GSE29949_MICROGLIA_BRAIN_VS_CD8_POS_DC_SPLEEN_DN
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                                                                                                                                 GOCC_BRUSH_BORDER, GOCC_BRUSH_BORDER
                                                                                                                                 MIR3665, MIR3665
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                                                                                                                                 REACTOME_MET_PROMOTES_CELL_MOTILITY, REACTOME_MET_PROMOTES_CELL_MOTILITY
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                                                                                                                                GOBP_REGULATION_OF_POTASSIUM_ION_TRANSPORT, GOBP_REGULATION_OF_POTASSIUM_ION_TRANSPORT
                                                                                                                                 GOBP_REGULATION_OF_OSTEOBLAST_DIFFERENTIATION, GOBP_REGULATION_OF_OSTEOBLAST_DIFFERENTIATION
                                                                                                                                 GOBP_POSITIVE_REGULATION_OF_ACTIN_FILAMENT_BUNDLE_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_ACTIN_FILAMENT_BUNDLE_ASSEMBLY
                                                                                                                                 SABATES_COLORECTAL_ADENOMA_UP, SABATES_COLORECTAL_ADENOMA_UP
                                                                                                                                 PID_ARF6_PATHWAY, PID_ARF6_PATHWAY
                                                                                                                                 MIR376A_5P, MIR376A_5P
                                                                                                                                 GOBP_PROTECTION_FROM_NON_HOMOLOGOUS_END_JOINING_AT_TELOMERE, GOBP_PROTECTION_FROM_NON_HOMOLOGOUS_END_JOINING_AT_TELOMERE
                                                                                                                                 HP_ABNORMALITY_OF_THE_COSTOCHONDRAL_JUNCTION, HP_ABNORMALITY_OF_THE_COSTOCHONDRAL_JUNCTION
                                                                                                                                 REACTOME EPHRIN SIGNALING, REACTOME EPHRIN SIGNALING
                                                                                                                                 GOBP_REGULATION_OF_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY, GOBP_REGULATION_OF_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY
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                                                                                                                                 SPIELMAN_LYMPHOBLAST_EUROPEAN_VS_ASIAN_2FC_UP, SPIELMAN_LYMPHOBLAST_EUROPEAN_VS_ASIAN_2FC_UP
                                                                                                                                 GOBP_AROMATIC_AMINO_ACID_TRANSPORT, GOBP_AROMATIC_AMINO_ACID_TRANSPORT
                                                                                                                                 LEE_LIVER_CANCER_DENA_UP, LEE_LIVER_CANCER_DENA_UP
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                                                                                                                                 REACTOME_MET_ACTIVATES_RAP1_AND_RAC1, REACTOME_MET_ACTIVATES_RAP1_AND_RAC1
                                                                                                                                 GOBP_NEGATIVE_REGULATION_OF_T_CELL_PROLIFERATION, GOBP_NEGATIVE_REGULATION_OF_T_CELL_PROLIFERATION
                                                                                                                                 GOBP_PLASMA_MEMBRANE_REPAIR, GOBP_PLASMA_MEMBRANE_REPAIR
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HP\_PES\_VALGUS, HP\_PES\_VALGUS

HP\_WRIST\_FLEXION\_CONTRACTURE, HP\_WRIST\_FLEXION\_CONTRACTURE

GOBP\_OSTEOBLAST\_PROLIFERATION, GOBP\_OSTEOBLAST\_PROLIFERATION

HP\_UNDERDEVELOPED\_SUPRAORBITAL\_RIDGES, HP\_UNDERDEVELOPED\_SUPRAORBITAL\_RIDGES

GSE22886\_DAY0\_VS\_DAY7\_MONOCYTE\_IN\_CULTURE\_UP, GSE22886\_DAY0\_VS\_DAY7\_MONOCYTE\_IN\_CULTURE\_UP

GSE37416\_CTRL\_VS\_12H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN, GSE37416\_CTRL\_VS\_12H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN

GSE29949\_CD8\_NEG\_DC\_SPLEEN\_VS\_MONOCYTE\_BONE\_MARROW\_UP, GSE29949\_CD8\_NEG\_DC\_SPLEEN\_VS\_MONOCYTE\_BONE\_MARROW\_UP