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GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_UP, GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_UP
 GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_6H_DN, GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_6H_DN
 GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_UP, GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_UP
 GSE27786_CD4_TCELL_VS_MONO_MAC_UP, GSE27786_CD4_TCELL_VS_MONO_MAC_UP
GSE34515_CD16_POS_MONOCYTE_VS_DC_UP, GSE34515_CD16_POS_MONOCYTE_VS_DC_UP
 GSE20198_UNTREATED_VS_IL12_IL18_TREATED_ACT_CD4_TCELL_DN, GSE20198_UNTREATED_VS_IL12_IL18_TREATED_ACT_CD4_TCELL_DN
GSE14308_INDUCED_VS_NATURAL_TREG_DN, GSE14308_INDUCED_VS_NATURAL_TREG_DN
GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_8H_UP, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_8H_UP
GSE5503_LIVER_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_DN, GSE5503_LIVER_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_DN
BROWNE_HCMV_INFECTION_14HR_UP, BROWNE_HCMV_INFECTION_14HR_UP
GSE36009_UNSTIM_VS_LPS_STIM_NLRP10_KO_DC_DN, GSE36009_UNSTIM_VS_LPS_STIM_NLRP10_KO_DC_DN
GO_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GO_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR
GSE5679 CTRL VS RARA AGONIST AM580 TREATED DC DN, GSE5679 CTRL VS RARA AGONIST AM580 TREATED DC DN
GSE20198_IL12_IL18_VS_IFNA_TREATED_ACT_CD4_TCELL_DN, GSE20198_IL12_IL18_VS_IFNA_TREATED_ACT_CD4_TCELL_DN
 GSE17721_PAM3CSK4_VS_CPG_8H_BMDC_DN, GSE17721_PAM3CSK4_VS_CPG_8H_BMDC_DN
 GSE9037_WT_VS_IRAK4_KO_LPS_4H_STIM_BMDM_UP, GSE9037_WT_VS_IRAK4_KO_LPS_4H_STIM_BMDM_UP
 GSE14415_ACT_VS_CTRL_NATURAL_TREG_DN, GSE14415_ACT_VS_CTRL_NATURAL_TREG_DN
 GSE40274_CTRL_VS_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_CTRL_VS_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
 GSE9037 CTRL VS LPS 1H STIM BMDM UP, GSE9037 CTRL VS LPS 1H STIM BMDM UP
 GSE13547 WT VS ZFX KO BCELL ANTI IGM STIM 2H DN, GSE13547 WT VS ZFX KO BCELL ANTI IGM STIM 2H DN
 GSE37301 HEMATOPOIETIC STEM CELL VS RAG2 KO NK CELL DN, GSE37301 HEMATOPOIETIC STEM CELL VS RAG2 KO NK CELL DN
 GKCGCNNNNNNTGAYG_UNKNOWN, GKCGCNNNNNNNTGAYG_UNKNOWN
 GSE42088_UNINF_VS_LEISHMANIA_INF_DC_24H_DN, GSE42088_UNINF_VS_LEISHMANIA_INF_DC_24H_DN
 GSE5142_CTRL_VS_HTERT_TRANSDUCED_CD8_TCELL_EARLY_PASSAGE_CLONE_DN, GSE5142_CTRL_VS_HTERT_TRANSDUCED_CD8_TCELL_EARLY_PASSAGE_CLONE_DN
 GSE14769_UNSTIM_VS_360MIN_LPS_BMDM_DN, GSE14769_UNSTIM_VS_360MIN_LPS_BMDM_DN
 GSE17721_12H_VS_24H_POLYIC_BMDC_UP, GSE17721_12H_VS_24H_POLYIC_BMDC_UP
 GSE14308_INDUCED_VS_NATURAL_TREG_UP, GSE14308_INDUCED_VS_NATURAL_TREG_UP
 GSE26928_NAIVE_VS_EFF_MEMORY_CD4_TCELL_UP, GSE26928_NAIVE_VS_EFF_MEMORY_CD4_TCELL_UP
 GSE16385_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_UP, GSE16385_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_UP
 GO_POSITIVE_REGULATION_OF_CHROMATIN_MODIFICATION, GO_POSITIVE_REGULATION_OF_CHROMATIN_MODIFICATION
 GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP, GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP
 GSE46606_IRF4HIGH_VS_IRF4MID_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_DN, GSE46606_IRF4HIGH_VS_IRF4MID_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_DN
 GSE6875_TCONV_VS_FOXP3_KO_TREG_UP, GSE6875_TCONV_VS_FOXP3_KO_TREG_UP
 PLASARI_TGFB1_TARGETS_10HR_UP, PLASARI_TGFB1_TARGETS_10HR_UP
 GSE6269_STAPH_AUREUS_VS_STREP_PNEUMO_INF_PBMC_DN, GSE6269_STAPH_AUREUS_VS_STREP_PNEUMO_INF_PBMC_DN
 GSE40274_CTRL_VS_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_CTRL_VS_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
 GO_REGULATION_OF_HISTONE_METHYLATION, GO_REGULATION_OF_HISTONE_METHYLATION
 GSE13306_TREG_VS_TCONV_SPLEEN_DN, GSE13306_TREG_VS_TCONV_SPLEEN_DN
 GSE37563_WT_VS_CTLA4_KO_CD4_TCELL_D4_POST_IMMUNIZATION_UP, GSE37563_WT_VS_CTLA4_KO_CD4_TCELL_D4_POST_IMMUNIZATION_UP
 GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_IKAROS_KO_DN, GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_IKAROS_KO_DN
 ESC_V6.5_UP_LATE.V1_DN, ESC_V6.5_UP_LATE.V1_DN
 GO_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE_BY_P53_CLASS_MEDIATOR, GO_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE_BY_P53
 IWANAGA_CARCINOGENESIS_BY_KRAS_UP, IWANAGA_CARCINOGENESIS_BY_KRAS_UP
 GO TRANSCRIPTION ELONGATION FACTOR COMPLEX, GO TRANSCRIPTION ELONGATION FACTOR COMPLEX
 GO_ENTRAINMENT_OF_CIRCADIAN_CLOCK_BY_PHOTOPERIOD, GO_ENTRAINMENT_OF_CIRCADIAN_CLOCK_BY_PHOTOPERIOD
 GO_NEGATIVE_REGULATION_OF_CELL_ACTIVATION, GO_NEGATIVE_REGULATION_OF_CELL_ACTIVATION
 GO PHOTOPERIODISM, GO PHOTOPERIODISM
 GO_REGULATION_OF_HISTONE_H3_K4_METHYLATION, GO_REGULATION_OF_HISTONE_H3_K4_METHYLATION
 GO_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS_VIA_THE_MULTIVESICULAR_BODY_SORTING_PATHWAY, GO_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS_VIA_THE_MULTIVESICULAR_BODY_SORTING_PATHWAY.
 GO_HISTONE_MONOUBIQUITINATION, GO_HISTONE_MONOUBIQUITINATION
 GO MICROTUBULE NUCLEATION, GO MICROTUBULE NUCLEATION
 GO INTRINSIC APOPTOTIC SIGNALING PATHWAY BY P53 CLASS MEDIATOR, GO INTRINSIC APOPTOTIC SIGNALING PATHWAY BY P53 CLASS MEDIATOR
 PENG_GLUCOSE_DEPRIVATION_UP, PENG_GLUCOSE_DEPRIVATION_UP
 STAT1_01, STAT1_01
 GSE13306_RA_VS_UNTREATED_TCONV_DN, GSE13306_RA_VS_UNTREATED_TCONV_DN
 MCBRYAN_PUBERTAL_BREAST_5_6WK_UP, MCBRYAN_PUBERTAL_BREAST_5_6WK_UP
 GO_MICROTUBULE_POLYMERIZATION, GO_MICROTUBULE_POLYMERIZATION
 GO_REGULATION_OF_CARBOHYDRATE_METABOLIC_PROCESS, GO_REGULATION_OF_CARBOHYDRATE_METABOLIC_PROCESS
 chr2p24, chr2p24
GO_PROTEIN_KINASE_A_REGULATORY_SUBUNIT_BINDING, GO_PROTEIN_KINASE_A_REGULATORY_SUBUNIT_BINDING
 AGCYRWTTC_UNKNOWN, AGCYRWTTC_UNKNOWN
GSE360_DC_VS_MAC_L_MAJOR_DN, GSE360_DC_VS_MAC_L_MAJOR_DN
GO_ENDODEOXYRIBONUCLEASE_ACTIVITY_PRODUCING_5_PHOSPHOMONOESTERS, GO_ENDODEOXYRIBONUCLEASE_ACTIVITY_PRODUCING_5_PHOSPHOMONOESTERS
GSE41978_ID2_KO_AND_BIM_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_ID2_KO_AND_BIM_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP
GSE5589_WT_VS_IL10_KO_LPS_STIM_MACROPHAGE_180MIN_DN, GSE5589_WT_VS_IL10_KO_LPS_STIM_MACROPHAGE_180MIN_DN
GO_POSITIVE_REGULATION_OF_TRANSCRIPTION_ELONGATION_FROM_RNA_POLYMERASE_II_PROMOTER, GO_POSITIVE_REGULATION_OF_TRANSCRIPTION_ELONGATION_FROM_RNA_POLYMERASE_II_PROM
RAY_TARGETS_OF_P210_BCR_ABL_FUSION_DN, RAY_TARGETS_OF_P210_BCR_ABL_FUSION_DN
HO_LIVER_CANCER_VASCULAR_INVASION, HO_LIVER_CANCER_VASCULAR_INVASION
GO_STEROID_BINDING, GO_STEROID_BINDING
GO_REGULATION_OF_RNA_POLYMERASE_II_TRANSCRIPTIONAL_PREINITIATION_COMPLEX_ASSEMBLY, GO_REGULATION_OF_RNA_POLYMERASE_II_TRANSCRIPTIONAL_PREINITIATION_COMPLEX_ASSEMBLY
GO_TRANSCRIPTIONALLY_ACTIVE_CHROMATIN, GO_TRANSCRIPTIONALLY_ACTIVE_CHROMATIN
GO_REGULATION_OF_POSTTRANSCRIPTIONAL_GENE_SILENCING, GO_REGULATION_OF_POSTTRANSCRIPTIONAL_GENE_SILENCING
REACTOME_ERK_MAPK_TARGETS, REACTOME_ERK_MAPK_TARGETS
 REACTOME_NUCLEAR_EVENTS_KINASE_AND_TRANSCRIPTION_FACTOR_ACTIVATION, REACTOME_NUCLEAR_EVENTS_KINASE_AND_TRANSCRIPTION_FACTOR_ACTIVATION
 GO_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_PRODUCTION, GO_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_PRODUCTION
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GSE19888 CTRL VS T CELL MEMBRANES ACT MAST CELL UP, GSE19888 CTRL VS T CELL MEMBRANES ACT MAST CELL UP

GO\_REGULATION\_OF\_T\_CELL\_RECEPTOR\_SIGNALING\_PATHWAY, GO\_REGULATION\_OF\_T\_CELL\_RECEPTOR\_SIGNALING\_PATHWAY

DORSAM HOXA9 TARGETS DN, DORSAM HOXA9 TARGETS DN

GSE20198 IL12 VS IL12 IL18 TREATED ACT CD4 TCELL UP, GSE20198 IL12 VS IL12 IL18 TREATED ACT CD4 TCELL UP

S\_IL33\_IL7\_TREATED\_NUOCYTES\_DN, GSE25890\_CTRL\_VS\_IL33\_IL7\_TREATED\_NUOCYTES\_DN