Y\_VS\_CENTRAL\_MEMORY\_CD8\_TCELL\_DN, GSE23321\_CD8\_STEM\_CELL\_MEMORY\_VS\_CENTRAL\_MEMORY\_CD8\_TCELL\_DN

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GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_IL7_IL4_DN, GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_IL7_IL4_DN
 GSE12366_GC_VS_NAIVE_BCELL_DN, GSE12366_GC_VS_NAIVE_BCELL_DN
 GSE10325_LUPUS_CD4_TCELL_VS_LUPUS_MYELOID_UP, GSE10325_LUPUS_CD4_TCELL_VS_LUPUS_MYELOID_UP
GSE12366_GC_VS_MEMORY_BCELL_DN, GSE12366_GC_VS_MEMORY_BCELL_DN
 GSE25088 WT_VS_STAT6_KO_MACROPHAGE_IL4_STIM_UP, GSE25088_WT_VS_STAT6_KO_MACROPHAGE_IL4_STIM_UP
 GSE29617_DAY3_VS_DAY7_TIV_FLU_VACCINE_PBMC_2008_DN, GSE29617_DAY3_VS_DAY7_TIV_FLU_VACCINE_PBMC_2008_DN
GSE9037_WT_VS_IRAK4_KO_LPS_1H_STIM_BMDM_UP, GSE9037_WT_VS_IRAK4_KO_LPS_1H_STIM_BMDM_UP
 BOSCO_INTERFERON_INDUCED_ANTIVIRAL_MODULE, BOSCO_INTERFERON_INDUCED_ANTIVIRAL_MODULE
 GSE34006 WT VS A2AR KO TREG DN, GSE34006 WT VS A2AR KO TREG DN
GSE6269 FLU_VS_STAPH_AUREUS_INF_PBMC_UP, GSE6269_FLU_VS_STAPH_AUREUS_INF_PBMC_UP
 GSE16266_CTRL_VS_HEATSHOCK_AND_LPS_STIM_MEF_DN, GSE16266_CTRL_VS_HEATSHOCK_AND_LPS_STIM_MEF_DN
 GSE40274_CTRL_VS_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
 GO_PROTEIN_ACETYLATION, GO_PROTEIN_ACETYLATION
 GSE10239_KLRG1INT_VS_KLRG1HIGH_EFF_CD8_TCELL_DN, GSE10239_KLRG1INT_VS_KLRG1HIGH_EFF_CD8_TCELL_DN
 JIANG_HYPOXIA_VIA_VHL, JIANG_HYPOXIA_VIA_VHL
 GO_ACETYLTRANSFERASE_ACTIVITY, GO_ACETYLTRANSFERASE_ACTIVITY
 GSE17721_CTRL_VS_POLYIC_2H_BMDC_UP, GSE17721_CTRL_VS_POLYIC_2H_BMDC_UP
 GSE16385_IFNG_TNF_VS_UNSTIM_MACROPHAGE_ROSIGLITAZONE_TREATED_UP, GSE16385_IFNG_TNF_VS_UNSTIM_MACROPHAGE_ROSIGLITAZONE_TREATED_UP
 GSE18281_PERIMEDULLARY_CORTICAL_REGION_VS_WHOLE_CORTEX_THYMUS_UP, GSE18281_PERIMEDULLARY_CORTICAL_REGION_VS_WHOLE_CORTEX_THYMUS_UP
 GSE5542_UNTREATED_VS_IFNA_TREATED_EPITHELIAL_CELLS_6H_UP, GSE5542_UNTREATED_VS_IFNA_TREATED_EPITHELIAL_CELLS_6H_UP
 MORF_ORC1L, MORF_ORC1L
 GO_PEPTIDE_N_ACETYLTRANSFERASE_ACTIVITY, GO_PEPTIDE_N_ACETYLTRANSFERASE_ACTIVITY
 REACTOME_INTERFERON_SIGNALING, REACTOME_INTERFERON_SIGNALING
 CAGCAGG_MIR370, CAGCAGG_MIR370
 GO_REGULATION_OF_VIRAL_RELEASE_FROM_HOST_CELL, GO_REGULATION_OF_VIRAL_RELEASE_FROM_HOST_CELL
 GO_N_ACETYLTRANSFERASE_ACTIVITY, GO_N_ACETYLTRANSFERASE_ACTIVITY
GSE27786_NKTCELL_VS_NEUTROPHIL_DN, GSE27786_NKTCELL_VS_NEUTROPHIL_DN
PID_TCR_PATHWAY, PID_TCR_PATHWAY
GO_HISTONE_H4_ACETYLATION, GO_HISTONE_H4_ACETYLATION
 GO_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_A_SULFUR_GROUP_OF_DONORS, GO_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_A_SULFUR_GROUP_OF_DONORS
 GO_NEGATIVE_REGULATION_OF_VIRAL_PROCESS, GO_NEGATIVE_REGULATION_OF_VIRAL_PROCESS
 GSE4590_PRE_BCELL_VS_VPREB_POS_LARGE_PRE_BCELL_UP, GSE4590_PRE_BCELL_VS_VPREB_POS_LARGE_PRE_BCELL_UP
 SENGUPTA_EBNA1_ANTICORRELATED, SENGUPTA_EBNA1_ANTICORRELATED
 REACTOME_PRE_NOTCH_EXPRESSION_AND_PROCESSING, REACTOME_PRE_NOTCH_EXPRESSION_AND_PROCESSING
 DER_IFN_ALPHA_RESPONSE_UP, DER_IFN_ALPHA_RESPONSE_UP
 GSE3982_DC_VS_BCELL_DN, GSE3982_DC_VS_BCELL_DN
 GO_N_ACYLTRANSFERASE_ACTIVITY, GO_N_ACYLTRANSFERASE_ACTIVITY
 PLASARI_TGFB1_SIGNALING_VIA_NFIC_1HR_DN, PLASARI_TGFB1_SIGNALING_VIA_NFIC_1HR_DN
 CEBALLOS TARGETS OF TP53 AND MYC DN, CEBALLOS TARGETS OF TP53 AND MYC DN
 GO_HISTONE_H4_K16_ACETYLATION, GO_HISTONE_H4_K16_ACETYLATION
 GO_REGULATION_OF_SPINDLE_ASSEMBLY, GO_REGULATION_OF_SPINDLE_ASSEMBLY
 GO_REGULATION_OF_SPINDLE_ORGANIZATION, GO_REGULATION_OF_SPINDLE_ORGANIZATION
 GO NEGATIVE REGULATION OF MULTI ORGANISM PROCESS, GO NEGATIVE REGULATION OF MULTI ORGANISM PROCESS
 GO NEGATIVE REGULATION OF EXTRINSIC APOPTOTIC SIGNALING PATHWAY VIA DEATH DOMAIN RECEPTORS, GO NEGATIVE REGULATION OF EXTRINSIC APOPTOTIC SIGNALING PATHW
 BIOCARTA_INTEGRIN_PATHWAY, BIOCARTA_INTEGRIN_PATHWAY
KYNG_RESPONSE_TO_H2O2_VIA_ERCC6_UP, KYNG_RESPONSE_TO_H2O2_VIA_ERCC6_UP
GO_NEGATIVE_REGULATION_OF_MACROAUTOPHAGY, GO_NEGATIVE_REGULATION_OF_MACROAUTOPHAGY
GO GLUCOSYLTRANSFERASE ACTIVITY, GO GLUCOSYLTRANSFERASE ACTIVITY
PID_CD8_TCR_PATHWAY, PID_CD8_TCR_PATHWAY
GO_NEURAL_TUBE_DEVELOPMENT, GO_NEURAL_TUBE_DEVELOPMENT
GO_GTPASE_ACTIVATING_PROTEIN_BINDING, GO_GTPASE_ACTIVATING_PROTEIN_BINDING
 DACOSTA_LOW_DOSE_UV_RESPONSE_VIA_ERCC3_XPCS_UP, DACOSTA_LOW_DOSE_UV_RESPONSE_VIA_ERCC3_XPCS_UP
GO_POSITIVE_REGULATION_OF_HISTONE_DEACETYLATION, GO_POSITIVE_REGULATION_OF_HISTONE_DEACETYLATION
WU_HBX_TARGETS_3_UP, WU_HBX_TARGETS_3_UP
 GSE15659 NAIVE CD4 TCELL VS RESTING TREG UP, GSE15659 NAIVE CD4 TCELL VS RESTING TREG UP
 GSE15659_RESTING_TREG_VS_NONSUPPRESSIVE_TCELL_UP, GSE15659_RESTING_TREG_VS_NONSUPPRESSIVE_TCELL_UP
 GO_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_A_SULFUR_GROUP_OF_DONORS_DISULFIDE_AS_ACCEPTOR, GO_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_A_SULFUR_GROUP_OF_DONORS_DISULF
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GO\_PURINE\_RIBONUCLEOSIDE\_BISPHOSPHATE\_METABOLIC\_PROCESS, GO\_PURINE\_RIBONUCLEOSIDE\_BISPHOSPHATE\_METABOLIC\_PROCESS

GSE32533\_WT\_VS\_MIR17\_KO\_ACT\_CD4\_TCELL\_DN, GSE32533\_WT\_VS\_MIR17\_KO\_ACT\_CD4\_TCELL\_DN

GSE21063\_3H\_VS\_16H\_ANTI\_IGM\_STIM\_BCELL\_DN, GSE21063\_3H\_VS\_16H\_ANTI\_IGM\_STIM\_BCELL\_DN