STANDER\_ACTIVATED\_CD4\_TCELL\_DN, GSE13738\_RESTING\_VS\_BYSTANDER\_ACTIVATED\_CD4\_TCELL\_DN

```
GSE7852_TREG_VS_TCONV_LN_UP, GSE7852_TREG_VS_TCONV_LN_UP
GSE4984_LPS_VS_VEHICLE_CTRL_TREATED_DC_DN, GSE4984_LPS_VS_VEHICLE_CTRL_TREATED_DC_DN
GSE40184_HEALTHY_VS_HCV_INFECTED_DONOR_PBMC_DN, GSE40184_HEALTHY_VS_HCV_INFECTED_DONOR_PBMC_DN
GSE3982_BCELL_VS_CENT_MEMORY_CD4_TCELL_UP, GSE3982_BCELL_VS_CENT_MEMORY_CD4_TCELL_UP
GOCC_LAMELLIPODIUM, GOCC_LAMELLIPODIUM
GSE20366_TREG_VS_NAIVE_CD4_TCELL_UP, GSE20366_TREG_VS_NAIVE_CD4_TCELL_UP
GSE37301_PRO_BCELL_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_DN, GSE37301_PRO_BCELL_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_DN
GSE5679 RARA AGONIST AM580 VS AM580 AND ROSIGLITAZONE TREATED DC DN, GSE5679 RARA AGONIST AM580 VS AM580 AND ROSIGLITAZONE TREATED DC
GSE40685_NAIVE_CD4_TCELL_VS_FOXP3_KO_TREG_PRECURSOR_UP, GSE40685_NAIVE_CD4_TCELL_VS_FOXP3_KO_TREG_PRECURSOR_UP
GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_DN, GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_DN
GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_UP, GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_UP
GSE14350_IL2RB_KO_VS_WT_TREG_DN, GSE14350_IL2RB_KO_VS_WT_TREG_DN
GSE13738_TCR_VS_BYSTANDER_ACTIVATED_CD4_TCELL_DN, GSE13738_TCR_VS_BYSTANDER_ACTIVATED_CD4_TCELL_DN
GSE5455_HEALTHY_VS_TUMOR_BEARING_MOUSE_SPLEEN_MONOCYTE_DN, GSE5455_HEALTHY_VS_TUMOR_BEARING_MOUSE_SPLEEN_MONOCYTE_DN
GSE31082_DP_VS_CD8_SP_THYMOCYTE_DN, GSE31082_DP_VS_CD8_SP_THYMOCYTE_DN
GSE26928_NAIVE_VS_CXCR5_POS_CD4_TCELL_DN, GSE26928_NAIVE_VS_CXCR5_POS_CD4_TCELL_DN
GSE37605_TREG_VS_TCONV_C57BL6_FOXP3_FUSION_GFP_DN, GSE37605_TREG_VS_TCONV_C57BL6_FOXP3_FUSION_GFP_DN
MIR6719_3P, MIR6719_3P
GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_MONOCYTE_UP, GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_MONOCYTE_UP
GSE21380_TFH_VS_GERMINAL_CENTER_TFH_CD4_TCELL_UP, GSE21380_TFH_VS_GERMINAL_CENTER_TFH_CD4_TCELL_UP
THAKAR_PBMC_INACTIVATED_INFLUENZA_AGE_21_30YO_NONRESPONDER_28DY_DN, THAKAR_PBMC_INACTIVATED_INFLUENTA_AGE_21_30YO_NONRESPONDER_28DY_DN, THAKAR_PBMC_INFLUENTA_AGE_21_30YO_NONRESPONDER_28DY_DN, THAKAR_PBMC_28DY_DN, THAKAR_28DY_DN, THAKAR_PBMC_28DY_DN, THAKAR_28DY_DN, THAKAR_28DY_DN, THAKAR_28DY_DN, THAKAR_28DY_DN, THAKAR_28DY_DN, THAKAR_28DY_DN, 
HFH3_01, HFH3_01
GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_UP, GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_UP
GSE26928_EFF_MEMORY_VS_CXCR5_POS_CD4_TCELL_UP, GSE26928_EFF_MEMORY_VS_CXCR5_POS_CD4_TCELL_UP
GOBP_POSITIVE_REGULATION_OF_TRANSPORTER_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_TRANSPORTER_ACTIVITY
CHIANG_LIVER_CANCER_SUBCLASS_CTNNB1_UP, CHIANG_LIVER_CANCER_SUBCLASS_CTNNB1_UP
GOBP_POSITIVE_REGULATION_OF_CATION_TRANSMEMBRANE_TRANSPORT, GOBP_POSITIVE_REGULATION_OF_CATION_TRANSMEMBRANE_TRANSPORT
GOBP_REGULATION_OF_CALCIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOBP_REGULATION_OF_CALCIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
MIR20B_3P, MIR20B_3P
GOBP_POSITIVE_REGULATION_OF_CALCIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_CALCIUM_ION_TRANSMEMBRANI
GOBP_REGULATION_OF_MUSCLE_CONTRACTION, GOBP_REGULATION_OF_MUSCLE_CONTRACTION
GOBP_REGULATION_OF_CARDIAC_MUSCLE_CONTRACTION, GOBP_REGULATION_OF_CARDIAC_MUSCLE_CONTRACTION
GOBP_REGULATION_OF_STRIATED_MUSCLE_CONTRACTION, GOBP_REGULATION_OF_STRIATED_MUSCLE_CONTRACTION
VALK_AML_WITH_FLT3_ITD, VALK_AML_WITH_FLT3_ITD
KRAS.LUNG.BREAST_UP.V1_UP, KRAS.LUNG.BREAST_UP.V1_UP
OVSYANNIKOVA_PBMC_FLUARIX_AGE_55_64YO_RESPONDERS_VS_NONRESPONDERS_28DY_UP, OVSYANNIKOVA_PBMC_FLUARIX_AGE_55_64YO_RESPONDERS_VS_NOI
GOBP_REGULATION_OF_RYANODINE_SENSITIVE_CALCIUM_RELEASE_CHANNEL_ACTIVITY, GOBP_REGULATION_OF_RYANODINE_SENSITIVE_CALCIUM_RELEASE_CH
MASRI_RESISTANCE_TO_TAMOXIFEN_AND_AROMATASE_INHIBITORS_UP, MASRI_RESISTANCE_TO_TAMOXIFEN_AND_AROMATASE_INHIBITORS_UP
GOBP_SODIUM_ION_EXPORT_ACROSS_PLASMA_MEMBRANE, GOBP_SODIUM_ION_EXPORT_ACROSS_PLASMA_MEMBRANE
HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_7DY_DN, HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_7DY_DN
TORCHIA_TARGETS_OF_EWSR1_FLI1_FUSION_TOP20_UP, TORCHIA_TARGETS_OF_EWSR1_FLI1_FUSION_TOP20_UP
GOBP_POSITIVE_REGULATION_OF_POTASSIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_POTASSIUM_ION_TRANSMEMBRANE
GOBP_CELLULAR_SODIUM_ION_HOMEOSTASIS, GOBP_CELLULAR_SODIUM_ION_HOMEOSTASIS
GOBP_NEGATIVE_REGULATION_OF_INFLAMMATORY_RESPONSE_TO_ANTIGENIC_STIMULUS, GOBP_NEGATIVE_REGULATION_OF_INFLAMMATORY_RESPONSE_TO_AN
GOBP_POTASSIUM_ION_HOMEOSTASIS, GOBP_POTASSIUM_ION_HOMEOSTASIS
PID_ERBB_NETWORK_PATHWAY, PID_ERBB_NETWORK_PATHWAY
```

GSE26290\_CTRL\_VS\_AKT\_INHIBITOR\_TREATED\_ANTI\_CD3\_AND\_IL2\_STIM\_CD8\_TCELL\_DN, GSE26290\_CTRL\_VS\_AKT\_INHIBITOR\_TREATED\_ANTI\_CD3\_AND\_IL2\_STIM\_CI

GSE15330\_WT\_VS\_IKAROS\_KO\_HSC\_DN, GSE15330\_WT\_VS\_IKAROS\_KO\_HSC\_DN