

	GSE23321_EFFECTOR_MEMORY_CD8_TCELL_DN, GSE23321_EFFECTOR_MEMORY_CD8_TCELL_DN
	GSE6674_CPG_VS_CPG_AND_ANTI_IGM_STIM_BCELL_DN, GSE6674_CPG_VS_CPG_AND_ANTI_IGM_STIM_BCELL_DN
	GSE6674_PL2_3_VS_ANTI_IGM_AND_CPG_STIM_BCELL_DN, GSE6674_PL2_3_VS_ANTI_IGM_AND_CPG_STIM_BCELL_DN
	GSE22601_DOUBLE_NEGATIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_DOUBLE_NEGATIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_DN
	GSE39820_CTRL_VS_TGFBETA1_IL6_IL23A_CD4_TCELL_UP, GSE39820_CTRL_VS_TGFBETA1_IL6_IL23A_CD4_TCELL_UP
	GSE6674_CPG_VS_PL2_3_STIM_BCELL_DN, GSE6674_CPG_VS_PL2_3_STIM_BCELL_DN
	GSE12845_JGD_POS_BLOOD_VS_NAIVE_TONSIL_BCELL_DN, GSE12845_JGD_POS_BLOOD_VS_NAIVE_TONSIL_BCELL_DN
	GSE40274_CTRL_VS_FOXP3_AND_SATB1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_FOXP3_AND_SATB1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
	GSE22601_DOUBLE_NEGATIVE_VS_DOUBLE_POSITIVE_THYMOCYTE_DN, GSE22601_DOUBLE_NEGATIVE_VS_DOUBLE_POSITIVE_THYMOCYTE_DN
	GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN
	GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_MIR155_KO_UP, GSE44649_NAIVE_VS_ACTIVATED_CD8_TCELL_MIR155_KO_UP
	GSE7831_UNSTIM_VS_CPG_STIM_PDC_1H_DN, GSE7831_UNSTIM_VS_CPG_STIM_PDC_1H_DN
	GSE23505_IL6_IL1_VS_IL6_IL1_IL23_TREATED_CD4_TCELL_DN, GSE23505_IL6_IL1_VS_IL6_IL1_IL23_TREATED_CD4_TCELL_DN
	GSE20198_UNTREATED_VS_IL12_IL18_TREATED_ACT_CD4_TCELL_DN, GSE20198_UNTREATED_VS_IL12_IL18_TREATED_ACT_CD4_TCELL_DN
	GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_PDC_UP, GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_PDC_UP
	GSE19923_HEB_KO_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_DN, GSE19923_HEB_KO_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_DN
	GSE42724_NAIVE_VS_MEMORY_BCELL_DN, GSE42724_NAIVE_VS_MEMORY_BCELL_DN
	GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_17H_UP, GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_17H_UP
	GSE5589_WT_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_DN, GSE5589_WT_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_DN
	GSE30083_SP1_VS_SP4_THYMOCYTE_UP, GSE30083_SP1_VS_SP4_THYMOCYTE_UP
	GSE25085_FETAL_BM_VS_ADULT_BM_SP4_THYMIC_IMPLANT_UP, GSE25085_FETAL_BM_VS_ADULT_BM_SP4_THYMIC_IMPLANT_UP
	GSE41867_NAIVE_VS_DAY15_LCMV_CONE13_EFFECTOR_CD8_TCELL_DN, GSE41867_NAIVE_VS_DAY15_LCMV_CONE13_EFFECTOR_CD8_TCELL_DN
	GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_DN, GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_DN
	GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_48H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_48H_CD8_T_CELL_DN
	GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_6H_CD4_TCELL_DN, GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_6H_CD4_TCELL_DN
	GSE5589_WT_VS_IL6_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_DN, GSE5589_WT_VS_IL6_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_DN
	GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_UP, GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_UP
	GSE28737_BCL6_HET_VS_BCL6_KO_MARGINAL_ZONE_BCELL_DN, GSE28737_BCL6_HET_VS_BCL6_KO_MARGINAL_ZONE_BCELL_DN
	GSE17721_POLYIC_VS_GARDIQUIMOD_1H_BMDC_DN, GSE17721_POLYIC_VS_GARDIQUIMOD_1H_BMDC_DN
	GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_DN, GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_DN
	GSE360_CTRL_VS_L_DONOVANI_MAC_DN, GSE360_CTRL_VS_L_DONOVANI_MAC_DN
	GSE27786_CD4_VS_CD8_TCELL_DN, GSE27786_CD4_VS_CD8_TCELL_DN
	GSE13522_CTRL_VS_T_CRUZI_Y_STRAIN_INF_SKIN_IFNG_KO_UP, GSE13522_CTRL_VS_T_CRUZI_Y_STRAIN_INF_SKIN_IFNG_KO_UP
	GSE17721_CTRL_VS_GARDIQUIMOD_6H_BMDC_DN, GSE17721_CTRL_VS_GARDIQUIMOD_6H_BMDC_DN
	GSE11961_MARGINAL_ZONE_BCELL_VS_PLASMA_CELL_DAY7_DN, GSE11961_MARGINAL_ZONE_BCELL_VS_PLASMA_CELL_DAY7_DN
	BOSCO_ALLERGEN_INDUCED_TH2_ASSOCIATED_MODULE, BOSCO_ALLERGEN_INDUCED_TH2_ASSOCIATED_MODULE
	GSE42021_CD24HI_VS_CD24LOW_TREG_THYMUS_UP, GSE42021_CD24HI_VS_CD24LOW_TREG_THYMUS_UP
	GSE14350_IL2RB_KO_VS_WT_TEFF_DN, GSE14350_IL2RB_KO_VS_WT_TEFF_DN
	GSE3920_UNTREATED_VS_IFNA_TREATED_FIBROBLAST_UP, GSE3920_UNTREATED_VS_IFNA_TREATED_FIBROBLAST_UP
	GSE5589_WT_VS_IL10_KO_LPS_STIM_MACROPHAGE_45MIN_DN, GSE5589_WT_VS_IL10_KO_LPS_STIM_MACROPHAGE_45MIN_DN
	GSE25088_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_DN, GSE25088_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_DN
	GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_DN, GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_DN
	GSE17721_LPS_VS_PAM3CSK4_2H_BMDC_UP, GSE17721_LPS_VS_PAM3CSK4_2H_BMDC_UP
	GSE17721_CTRL_VS_CPG_6H_BMDC_DN, GSE17721_CTRL_VS_CPG_6H_BMDC_DN
	GSE32423_IL7_VS_IL7_IL4_MEMORY_CD8_TCELL_DN, GSE32423_IL7_VS_IL7_IL4_MEMORY_CD8_TCELL_DN
	GSE37301_MULTIPOTENT_PROGENITOR_VS_LYMPHOID_PRIMED_MPP_DN, GSE37301_MULTIPOTENT_PROGENITOR_VS_LYMPHOID_PRIMED_MPP_DN
	GSE17721_POLYIC_VS_CPG_2H_BMDC_DN, GSE17721_POLYIC_VS_CPG_2H_BMDC_DN
	GSE42088_UNINF_VS_LEISHMANIA_INF_DC_8H_UP, GSE42088_UNINF_VS_LEISHMANIA_INF_DC_8H_UP
	GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMCI_MONTH_POST_DX_DN, GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMCI_MONTH_POST_DX_DN
	GSE4984_GALECTIN1_VS_LPS_STIM_DC_DN, GSE4984_GALECTIN1_VS_LPS_STIM_DC_DN
	GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_CD8_TCELL_UP, GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_CD8_TCELL_UP
	GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN, GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN
	GSE7218_IGM_VS_IGG_SIGNAL_THGOUGH_ANTIGEN_BCELL_DN, GSE7218_IGM_VS_IGG_SIGNAL_THGOUGH_ANTIGEN_BCELL_DN
	GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_TURQUOISE_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_TURQUOISE_UP
	GSE10147_IL3_AND_HIVP17_VS_IL3_AND_CPG_STIM_PDC_DN, GSE10147_IL3_AND_HIVP17_VS_IL3_AND_CPG_STIM_PDC_DN
	MARZEC_IL2_SIGNALING_UP, MARZEC_IL2_SIGNALING_UP
	GSE9037_CTRL_VS_LPS_1H_STIM_IRAK4_KO_BMDM_DN, GSE9037_CTRL_VS_LPS_1H_STIM_IRAK4_KO_BMDM_DN
	DICER1_TARGET_GENES, DICER1_TARGET_GENES
	IL15_UP.V1_UP, IL15_UP.V1_UP
	NGUYEN_NOTCH1_TARGETS_DN, NGUYEN_NOTCH1_TARGETS_DN
	GSE43863_TFH_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_UP, GSE43863_TFH_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_UP
	GSE28737_FOLLICULAR_VS_MARGINAL_ZONE_BCELL_BCL6_HET_DN, GSE28737_FOLLICULAR_VS_MARGINAL_ZONE_BCELL_BCL6_HET_DN
	MIR7158_3P, MIR7158_3P
	BOYLAN_MULTIPLE_MYELOMA_D_UP, BOYLAN_MULTIPLE_MYELOMA_D_UP
	MODULE_525, MODULE_525
	GOBP_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I, GOBP_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I
	GOBP_ORGANOPHOSPHATE_ESTER_TRANSPORT, GOBP_ORGANOPHOSPHATE_ESTER_TRANSPORT
	GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_YELLOW_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_YELLOW_UP
	SHAFFER_IRF4_MULTIPLE_MYELOMA_PROGRAM, SHAFFER_IRF4_MULTIPLE_MYELOMA_PROGRAM
	GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDC_UP, GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDC_UP
	REACTOME_ONCOGENE_INDUCED_SENESCENCE, REACTOME_ONCOGENE_INDUCED_SENESCENCE
	GOMF_PHOSPHOLIPID_TRANSPORTER_ACTIVITY, GOMF_PHOSPHOLIPID_TRANSPORTER_ACTIVITY
	HP_MULTIPLE_JOINT_CONTRACTURES, HP_MULTIPLE_JOINT_CONTRACTURES
	E2F3_UP.V1_DN, E2F3_UP.V1_DN
	CHANGOLKAR_H2AFY_TARGETS_DN, CHANGOLKAR_H2AFY_TARGETS_DN
	GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I, GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I
	GOBP_REGULATION_OF_VASCULAR_WOUND_HEALING, GOBP_REGULATION_OF_VASCULAR_WOUND_HEALING
	GOMF_CARGO_RECEPTOR_ACTIVITY, GOMF_CARGO_RECEPTOR_ACTIVITY
	RORIE_TARGETS_OF_EWSR1_FLI1_FUSION_UP, RORIE_TARGETS_OF_EWSR1_FLI1_FUSION_UP
	GOMF_FLIPPASE_ACTIVITY, GOMF_FLIPPASE_ACTIVITY
	BILANGES_SERUM_SENSITIVE_VIA_TSC1, BILANGES_SERUM_SENSITIVE_VIA_TSC1
	GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_GREEN_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_GREEN_UP
	GOBP_ENERGY_RESERVE_METABOLIC_PROCESS, GOBP_ENERGY_RESERVE_METABOLIC_PROCESS
	BCAT_GDS748_UP, BCAT_GDS748_UP
	GOCC_RNAI_EFFECTOR_COMPLEX, GOCC_RNAI_EFFECTOR_COMPLEX
	VALK_AML_CLUSTER_2, VALK_AML_CLUSTER_2
	WP_ENDOPLASMIC_RETICULUM_STRESS_RESPONSE_IN_CORONAVIRUS_INFECTION, WP_ENDOPLASMIC_RETICULUM_STRESS_RESPONSE_IN_CORONAVIRUS_INFECTION
	ONO_AML1_TARGETS_UP, ONO_AML1_TARGETS_UP
	GOMF_GLYCEROPHOSPHOLIPID_FLIPPASE_ACTIVITY, GOMF_GLYCEROPHOSPHOLIPID_FLIPPASE_ACTIVITY
	GOBP_REGULATION_OF_CALCINEURIN_MEDIATED_SIGNALING, GOBP_REGULATION_OF_CALCINEURIN_MEDIATED_SIGNALING
	GOBP_POSITIVE_REGULATION_OF_TRIGLYCERIDE_BIOSYNTHETIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_TRIGLYCERIDE_BIOSYNTHETIC_PROCESS
	YANG_BREAST_CANCER_ESR1_BULK_DN, YANG_BREAST_CANCER_ESR1_BULK_DN
	GOBP_NEUROINFLAMMATORY_RESPONSE, GOBP_NEUROINFLAMMATORY_RESPONSE
	HP_CORONARY_ARTERY_ATHEROSCLEROSIS, HP_CORONARY_ARTERY_ATHEROSCLEROSIS
	GOBP_POSITIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GOBP_POSITIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR
	HP_NECK_MUSCLE_WEAKNESS, HP_NECK_MUSCLE_WEAKNESS
	GOMF_SOLUTE_CATION_SYMPORTER_ACTIVITY, GOMF_SOLUTE_CATION_SYMPORTER_ACTIVITY
	GOBP_POSITIVE_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GOBP_POSITIVE_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCT
	HP_ALOPECIA_UNIVERSALIS, HP_ALOPECIA_UNIVERSALIS
	GOBP_POSITIVE_REGULATION_OF_NEUROINFLAMMATORY_RESPONSE, GOBP_POSITIVE_REGULATION_OF_NEUROINFLAMMATORY_RESPONSE
	AMIT_SERUM_RESPONSE_20_MCF10A, AMIT_SERUM_RESPONSE_20_MCF10A
	MODULE_474, MODULE_474
	GOBP_REGULATION_OF_ENDOTHELIAL_CELL_DEVELOPMENT, GOBP_REGULATION_OF_ENDOTHELIAL_CELL_DEVELOPMENT
	HP_DISTAL_UPPER_LIMB_MUSCLE_WEAKNESS, HP_DISTAL_UPPER_LIMB_MUSCLE_WEAKNESS
	WP_METASTATIC_BRAIN_TUMOR, WP_METASTATIC_BRAIN_TUMOR