```
GOBP_COMPLEMENT_ACTIVATION, GOBP_COMPLEMENT_ACTIVATION
 GSE3982_MEMORY_CD4_TCELL_VS_BCELL_DN, GSE3982_MEMORY_CD4_TCELL_VS_BCELL_DN
 GOCC IMMUNOGLOBULIN COMPLEX CIRCULATING, GOCC IMMUNOGLOBULIN COMPLEX CIRCULATING
 GOBP_HUMORAL_IMMUNE_RESPONSE_MEDIATED_BY_CIRCULATING_IMMUNOGLOBULIN, GOBP_HUMORAL_IMMUNE_RESPONSE_MEDIATED_BY_CIRCULATING_IMMUNOGLOBULIN
 GSE29617_DAY3_VS_DAY7_TIV_FLU_VACCINE_PBMC_2008_DN, GSE29617_DAY3_VS_DAY7_TIV_FLU_VACCINE_PBMC_2008_DN
 REACTOME_CD22_MEDIATED_BCR_REGULATION, REACTOME_CD22_MEDIATED_BCR_REGULATION
 GSE10325_BCELL_VS_MYELOID_UP, GSE10325_BCELL_VS_MYELOID_UP
 REACTOME_SCAVENGING_OF_HEME_FROM_PLASMA, REACTOME_SCAVENGING_OF_HEME_FROM_PLASMA
 REACTOME_CREATION_OF_C4_AND_C2_ACTIVATORS, REACTOME_CREATION_OF_C4_AND_C2_ACTIVATORS
DESCARTES_FETAL_ADRENAL_LYMPHOID_CELLS, DESCARTES_FETAL_ADRENAL_LYMPHOID_CELLS
 GOMF_IMMUNOGLOBULIN_RECEPTOR_BINDING, GOMF_IMMUNOGLOBULIN_RECEPTOR_BINDING
 REACTOME_FCGR_ACTIVATION, REACTOME_FCGR_ACTIVATION
GOMF_ANTIGEN_BINDING, GOMF_ANTIGEN_BINDING
 DESCARTES_FETAL_INTESTINE_LYMPHOID_CELLS, DESCARTES_FETAL_INTESTINE_LYMPHOID_CELLS
 GSE4748_CYANOBACTERIUM_LPSLIKE_VS_LPS_AND_CYANOBACTERIUM_LPSLIKE_STIM_DC_3H_UP, GSE4748_CYANOBACTERIUM_LPSLIKE_VS_LPS_AND_CYANOBACTERIUM_LPSLIKE_STIM_DC_3H_UP
 BOYLAN_MULTIPLE_MYELOMA_PCA1_UP, BOYLAN_MULTIPLE_MYELOMA_PCA1_UP
 REACTOME_INITIAL_TRIGGERING_OF_COMPLEMENT, REACTOME_INITIAL_TRIGGERING_OF_COMPLEMENT
 GOBP_PHAGOCYTOSIS_RECOGNITION, GOBP_PHAGOCYTOSIS_RECOGNITION
 REACTOME_ROLE_OF_LAT2_NTAL_LAB_ON_CALCIUM_MOBILIZATION, REACTOME_ROLE_OF_LAT2_NTAL_LAB_ON_CALCIUM_MOBILIZATION
 DESCARTES_FETAL_PANCREAS_LYMPHOID_CELLS, DESCARTES_FETAL_PANCREAS_LYMPHOID_CELLS
 DESCARTES_FETAL_PLACENTA_LYMPHOID_CELLS, DESCARTES_FETAL_PLACENTA_LYMPHOID_CELLS
 REACTOME FCERI MEDIATED CA 2 MOBILIZATION, REACTOME FCERI MEDIATED CA 2 MOBILIZATION
 GSE22886_NAIVE_BCELL_VS_MONOCYTE_UP, GSE22886_NAIVE_BCELL_VS_MONOCYTE_UP
 DESCARTES_MAIN_FETAL_LYMPHOID_CELLS, DESCARTES_MAIN_FETAL_LYMPHOID_CELLS
 REACTOME_ANTIGEN_ACTIVATES_B_CELL_RECEPTOR_BCR_LEADING_TO_GENERATION_OF_SECOND_MESSENGERS, REACTOME_ANTIGEN_ACTIVATES_B_CELL_RECEPTOR_BCR_LEADING_TO_GENERATION_OF_SECOND_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GENERATION_OF_TO_GEN
 GOBP_REGULATION_OF_HUMORAL_IMMUNE_RESPONSE, GOBP_REGULATION_OF_HUMORAL_IMMUNE_RESPONSE
 GOBP_REGULATION_OF_COMPLEMENT_ACTIVATION, GOBP_REGULATION_OF_COMPLEMENT_ACTIVATION
 DESCARTES_FETAL_HEART_LYMPHOID_CELLS, DESCARTES_FETAL_HEART_LYMPHOID_CELLS
 DESCARTES_FETAL_LUNG_LYMPHOID_CELLS, DESCARTES_FETAL_LUNG_LYMPHOID_CELLS
 DESCARTES_FETAL_LIVER_LYMPHOID_CELLS, DESCARTES_FETAL_LIVER_LYMPHOID_CELLS
 REACTOME_PARASITE_INFECTION, REACTOME_PARASITE_INFECTION
 REACTOME_FCERI_MEDIATED_MAPK_ACTIVATION, REACTOME_FCERI_MEDIATED_MAPK_ACTIVATION
 REACTOME_ROLE_OF_PHOSPHOLIPIDS_IN_PHAGOCYTOSIS, REACTOME_ROLE_OF_PHOSPHOLIPIDS_IN_PHAGOCYTOSIS
 DESCARTES_FETAL_STOMACH_LYMPHOID_CELLS, DESCARTES_FETAL_STOMACH_LYMPHOID_CELLS
 HP_HEPATITIS, HP_HEPATITIS
 GOBP_B_CELL_RECEPTOR_SIGNALING_PATHWAY, GOBP_B_CELL_RECEPTOR_SIGNALING_PATHWAY
 REACTOME_FCGR3A_MEDIATED_IL10_SYNTHESIS, REACTOME_FCGR3A_MEDIATED_IL10_SYNTHESIS
SALVADOR_MARTIN_PEDIATRIC_TBD_ANTI_TNF_THERAPY_NONRESPONDER_POST_TREATMENT_DN, SALVADOR_MARTIN_PEDIATRIC_TBD_ANTI_TNF_THERAPY_NONRESPONDER_POST_TREATMENT_DN
 GOBP_FC_RECEPTOR_MEDIATED_STIMULATORY_SIGNALING_PATHWAY, GOBP_FC_RECEPTOR_MEDIATED_STIMULATORY_SIGNALING_PATHWAY
 VALK_AML_WITH_CEBPA, VALK_AML_WITH_CEBPA
DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_B_CELLS, DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_B_CELLS
- HP_COUGH, HP_COUGH
REACTOME_FCGAMMA_RECEPTOR_FCGR_DEPENDENT_PHAGOCYTOSIS, REACTOME_FCGAMMA_RECEPTOR_FCGR_DEPENDENT_PHAGOCYTOSIS
 HP_CHRONIC_OTITIS_MEDIA, HP_CHRONIC_OTITIS_MEDIA
 GOBP_IMMUNOGLOBULIN_PRODUCTION, GOBP_IMMUNOGLOBULIN_PRODUCTION
 GOBP_POSITIVE_REGULATION_OF_B_CELL_ACTIVATION, GOBP_POSITIVE_REGULATION_OF_B_CELL_ACTIVATION
 HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_7DY_UP, HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_7DY_UP
 PID_IL4_2PATHWAY, PID_IL4_2PATHWAY
HAY_BONE_MARROW_PLASMA_CELL, HAY_BONE_MARROW_PLASMA_CELL
 HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_1DY_UP, HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_1DY_UP
 HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_7DY_DN, HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_7DY_DN
 VANASSE_BCL2_TARGETS_UP, VANASSE_BCL2_TARGETS_UP
 OUYANG_PROSTATE_CANCER_PROGRESSION_UP, OUYANG_PROSTATE_CANCER_PROGRESSION_UP
 GOMF_PEPTIDOGLYCAN_BINDING, GOMF_PEPTIDOGLYCAN_BINDING
 KEGG_PRIMARY_IMMUNODEFICIENCY, KEGG_PRIMARY_IMMUNODEFICIENCY
 FARMER_BREAST_CANCER_CLUSTER_1, FARMER_BREAST_CANCER_CLUSTER_1
 RICKMAN HEAD AND NECK CANCER D, RICKMAN HEAD AND NECK CANCER D
 NIKOLSKY_BREAST_CANCER_1Q32_AMPLICON, NIKOLSKY_BREAST_CANCER_1Q32_AMPLICON
 GRAHAM_CML_DIVIDING_VS_NORMAL_DIVIDING_DN, GRAHAM_CML_DIVIDING_VS_NORMAL_DIVIDING_DN
 GOCC_BLOOD_MICROPARTICLE, GOCC_BLOOD_MICROPARTICLE
 GOMF_IMMUNOGLOBULIN_RECEPTOR_ACTIVITY, GOMF_IMMUNOGLOBULIN_RECEPTOR_ACTIVITY
 HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_1DY_DN, HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_1DY_DN
 HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_3DY_UP, HOEK_PBMC_INACTIVATED_INFLUENZA_ADULT_3DY_UP
 GOBP_PROTEIN_CHROMOPHORE_LINKAGE, GOBP_PROTEIN_CHROMOPHORE_LINKAGE
 GOBP_RENAL_SYSTEM_PROCESS, GOBP_RENAL_SYSTEM_PROCESS
 HP_RECURRENT_ENTEROVIRAL_INFECTIONS, HP_RECURRENT_ENTEROVIRAL_INFECTIONS
 GOBP_ANTIBACTERIAL_HUMORAL_RESPONSE, GOBP_ANTIBACTERIAL_HUMORAL_RESPONSE
 DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_PLASMA_CELLS, DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_PLASMA_CELLS
HP_VERRUCAE, HP_VERRUCAE
 HOEK_B_CELL_2011_2012_TIV_ADULT_7DY_DN, HOEK_B_CELL_2011_2012_TIV_ADULT_7DY_DN
GOMF_QUATERNARY_AMMONIUM_GROUP_BINDING, GOMF_QUATERNARY_AMMONIUM_GROUP_BINDING
HP_DEHYDRATION, HP_DEHYDRATION
SOBOLEV_PBMC_PANDEMRIX_AGE_18_64YO_RESPONDERS_VS_NONRESPONDERS_7DY_UP, SOBOLEV_PBMC_PANDEMRIX_AGE_18_64YO_RESPONDERS_VS_NONRESPONDERS_7DY_UP
EHRLICH_ICF_SYNDROM_UP, EHRLICH_ICF_SYNDROM_UP
 BOSCO_EPITHELIAL_DIFFERENTIATION_MODULE, BOSCO_EPITHELIAL_DIFFERENTIATION_MODULE
 GOCC_IGA_IMMUNOGLOBULIN_COMPLEX, GOCC_IGA_IMMUNOGLOBULIN_COMPLEX
 KONDO_COLON_CANCER_HCP_WITH_H3K27ME3, KONDO_COLON_CANCER_HCP_WITH_H3K27ME3
GOBP_RETINA_HOMEOSTASIS, GOBP_RETINA_HOMEOSTASIS
```

WONG ENDOMETRIAL CANCER LATE, WONG ENDOMETRIAL CANCER LATE

LUI\_THYROID\_CANCER\_CLUSTER\_4, LUI\_THYROID\_CANCER\_CLUSTER\_4

HP\_RECURRENT\_BRONCHITIS, HP\_RECURRENT\_BRONCHITIS

GOBP\_RENAL\_FILTRATION, GOBP\_RENAL\_FILTRATION

BULIN\_COMPLEX, GOCC\_IMMUNOGLOBULIN\_COMPLEX