```
GSE25146 UNSTIM VS HELIOBACTER PYLORI LPS STIM AGS CELL DN, GSE25146 UNSTIM VS HELIOBACTER PYLORI LPS STIM AGS CELL DN
GNF2 KPNB1, GNF2 KPNB1
GO RIBONUCLEOPROTEIN_COMPLEX_BINDING, GO_RIBONUCLEOPROTEIN_COMPLEX_BINDING
GSE37533_PPARG1_FOXP3_VS_PPARG2_FOXP3_TRANSDUCED_CD4_TCELL_DN, GSE37533_PPARG1_FOXP3_VS_PPARG2_FOXP3_TRANSDUCED_CD4_TCELL_DN
GO NUCLEAR CHROMOSOME TELOMERIC REGION, GO NUCLEAR CHROMOSOME TELOMERIC REGION
GO_RIBONUCLEOPROTEIN_COMPLEX_LOCALIZATION, GO_RIBONUCLEOPROTEIN_COMPLEX_LOCALIZATION
REACTOME_RNA_POL_II_TRANSCRIPTION, REACTOME_RNA_POL_II_TRANSCRIPTION
GSE6269_HEALTHY_VS_STAPH_AUREUS_INF_PBMC_UP, GSE6269_HEALTHY_VS_STAPH_AUREUS_INF_PBMC_UP
GO_NUCLEAR_PERIPHERY, GO_NUCLEAR_PERIPHERY
GO_RNA_3_END_PROCESSING, GO_RNA_3_END_PROCESSING
GSE42724_MEMORY_BCELL_VS_PLASMABLAST_UP, GSE42724_MEMORY_BCELL_VS_PLASMABLAST_UP
STARK PREFRONTAL CORTEX 22Q11 DELETION UP, STARK PREFRONTAL CORTEX 22Q11 DELETION UP
BROWNE_HCMV_INFECTION_14HR_UP, BROWNE_HCMV_INFECTION_14HR_UP
GO METHYLTRANSFERASE COMPLEX, GO METHYLTRANSFERASE COMPLEX
KIM_WT1_TARGETS_8HR_UP, KIM_WT1_TARGETS_8HR_UP
STEARMAN_LUNG_CANCER_EARLY_VS_LATE_UP, STEARMAN_LUNG_CANCER_EARLY_VS_LATE_UP
GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_BCELL_UP, GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_BCELL_UP
GSE19401_PLN_VS_PEYERS_PATCH_FOLLICULAR_DC_DN, GSE19401_PLN_VS_PEYERS_PATCH_FOLLICULAR_DC_DN
GO_CAJAL_BODY, GO_CAJAL_BODY
GO_RNA_SECONDARY_STRUCTURE_UNWINDING, GO_RNA_SECONDARY_STRUCTURE_UNWINDING
GSE12003_MIR223_KO_VS_WT_BM_PROGENITOR_4D_CULTURE_UP, GSE12003_MIR223_KO_VS_WT_BM_PROGENITOR_4D_CULTURE_UP
GO_PROTEIN_KINASE_COMPLEX, GO_PROTEIN_KINASE_COMPLEX
GO_NUCLEAR_MATRIX, GO_NUCLEAR_MATRIX
TCATCTC_MIR143, TCATCTC_MIR143
GSE25123_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_DN, GSE25123_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_DN
GO_PROTEIN_METHYLTRANSFERASE_ACTIVITY, GO_PROTEIN_METHYLTRANSFERASE_ACTIVITY
GSE1925_CTRL_VS_IFNG_PRIMED_MACROPHAGE_24H_IFNG_STIM_DN, GSE1925_CTRL_VS_IFNG_PRIMED_MACROPHAGE_24H_IFNG_STIM_DN
PID_HDAC_CLASSI_PATHWAY, PID_HDAC_CLASSI_PATHWAY
MAZ_Q6, MAZ_Q6
GSE36392_EOSINOPHIL_VS_NEUTROPHIL_IL25_TREATED_LUNG_UP, GSE36392_EOSINOPHIL_VS_NEUTROPHIL_IL25_TREATED_LUNG_UP
GO_PEPTIDYL_LYSINE_METHYLATION, GO_PEPTIDYL_LYSINE_METHYLATION
GSE11924_TH2_VS_TH17_CD4_TCELL_DN, GSE11924_TH2_VS_TH17_CD4_TCELL_DN
CRGAARNNNNCGA_UNKNOWN, CRGAARNNNNCGA_UNKNOWN
BURTON_ADIPOGENESIS_12, BURTON_ADIPOGENESIS_12
GO_MRNA_3_UTR_BINDING, GO_MRNA_3_UTR_BINDING
 GSE20366_EX_VIVO_VS_DEC205_CONVERSION_DN, GSE20366_EX_VIVO_VS_DEC205_CONVERSION_DN
 HOEBEKE_LYMPHOID_STEM_CELL_UP, HOEBEKE_LYMPHOID_STEM_CELL_UP
GO_INTRACELLULAR_RECEPTOR_SIGNALING_PATHWAY, GO_INTRACELLULAR_RECEPTOR_SIGNALING_PATHWAY
GO_HISTONE_METHYLTRANSFERASE_COMPLEX, GO_HISTONE_METHYLTRANSFERASE_COMPLEX
 ACAWNRNSRCGG_UNKNOWN, ACAWNRNSRCGG_UNKNOWN
GO_U2_SNRNP, GO_U2_SNRNP
GO_REGULATION_OF_SMOOTHENED_SIGNALING_PATHWAY, GO_REGULATION_OF_SMOOTHENED_SIGNALING_PATHWAY
GO_HORMONE_RECEPTOR_BINDING, GO_HORMONE_RECEPTOR_BINDING
 ACTGTAG_MIR139, ACTGTAG_MIR139
GSE14769_UNSTIM_VS_360MIN_LPS_BMDM_DN, GSE14769_UNSTIM_VS_360MIN_LPS_BMDM_DN
GO_HISTONE_METHYLTRANSFERASE_ACTIVITY, GO_HISTONE_METHYLTRANSFERASE_ACTIVITY
HIRSCH_CELLULAR_TRANSFORMATION_SIGNATURE_DN, HIRSCH_CELLULAR_TRANSFORMATION_SIGNATURE_DN
GO_POSITIVE_REGULATION_OF_HEMOPOIESIS, GO_POSITIVE_REGULATION_OF_HEMOPOIESIS
GO_LYSINE_N_METHYLTRANSFERASE_ACTIVITY, GO_LYSINE_N_METHYLTRANSFERASE_ACTIVITY
GO_HISTONE_METHYLATION, GO_HISTONE_METHYLATION
GSE4748_CTRL_VS_CYANOBACTERIUM_LPSLIKE_STIM_DC_1H_DN, GSE4748_CTRL_VS_CYANOBACTERIUM_LPSLIKE_STIM_DC_1H_DN
GO_SMOOTHENED_SIGNALING_PATHWAY, GO_SMOOTHENED_SIGNALING_PATHWAY
GO_HISTONE_DEACETYLASE_COMPLEX, GO_HISTONE_DEACETYLASE_COMPLEX
GO_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_ELONGATION, GO_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_ELONGATION
GO_TRANSCRIPTION_ELONGATION_FACTOR_COMPLEX, GO_TRANSCRIPTION_ELONGATION_FACTOR_COMPLEX
GO_EXON_EXON_JUNCTION_COMPLEX, GO_EXON_EXON_JUNCTION_COMPLEX
GO_HISTONE_LYSINE_N_METHYLTRANSFERASE_ACTIVITY, GO_HISTONE_LYSINE_N_METHYLTRANSFERASE_ACTIVITY
AGGGCCA_MIR328, AGGGCCA_MIR328
GO_POSITIVE_REGULATION_OF_CHROMATIN_MODIFICATION, GO_POSITIVE_REGULATION_OF_CHROMATIN_MODIFICATION
KYNG_WERNER_SYNDROM_AND_NORMAL_AGING_UP, KYNG_WERNER_SYNDROM_AND_NORMAL_AGING_UP
GO_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_BY_P53_CLASS_MEDIATOR, GO_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_BY_P53_CLASS_MEDIATOR
GO_NEGATIVE_REGULATION_OF_SMOOTHENED_SIGNALING_PATHWAY, GO_NEGATIVE_REGULATION_OF_SMOOTHENED_SIGNALING_PATHWAY
VANASSE_BCL2_TARGETS_UP, VANASSE_BCL2_TARGETS_UP
GSE21063_3H_VS_16H_ANTI_IGM_STIM_BCELL_UP, GSE21063_3H_VS_16H_ANTI_IGM_STIM_BCELL_UP
GCM_MAX, GCM_MAX
GO_NEGATIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GO_NEGATIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR
GO_CARDIOCYTE_DIFFERENTIATION, GO_CARDIOCYTE_DIFFERENTIATION
GO_PROLINE_RICH_REGION_BINDING, GO_PROLINE_RICH_REGION_BINDING
KEGG_NOTCH_SIGNALING_PATHWAY, KEGG_NOTCH_SIGNALING_PATHWAY
GSE37534_PIOGLITAZONE_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_FOXP3_TRANSDUCED_DN, GSE37534_PIOGLITAZONE_TRANSDUCED_DN, GSE37534_PIOGLITAZONE_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDUCED_TRANSDU
RIZ_ERYTHROID_DIFFERENTIATION_APOBEC2, RIZ_ERYTHROID_DIFFERENTIATION_APOBEC2
MODULE 486, MODULE 486
GSE25123_CTRL_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DN, GSE25123_CTRL_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DN
GO DNA MODIFICATION, GO DNA MODIFICATION
GO_HISTONE_MONOUBIQUITINATION, GO_HISTONE_MONOUBIQUITINATION
MODULE 147, MODULE 147
GO_COLUMNAR_CUBOIDAL_EPITHELIAL_CELL_DIFFERENTIATION, GO_COLUMNAR_CUBOIDAL_EPITHELIAL_CELL_DIFFERENTIATION
EVI1 05, EVI1 05
ZHAN_MULTIPLE_MYELOMA_LB_DN, ZHAN_MULTIPLE_MYELOMA_LB_DN
GO_REGULATION_OF_REPRODUCTIVE_PROCESS, GO_REGULATION_OF_REPRODUCTIVE_PROCESS
GO_DNA_METHYLATION_OR_DEMETHYLATION, GO_DNA_METHYLATION_OR_DEMETHYLATION
GSE43955_1H_VS_20H_ACT_CD4_TCELL_DN, GSE43955_1H_VS_20H_ACT_CD4_TCELL_DN
GO_POSITIVE_REGULATION_OF_LEUKOCYTE_DIFFERENTIATION, GO_POSITIVE_REGULATION_OF_LEUKOCYTE_DIFFERENTIATION
GO METHYL CPG BINDING, GO METHYL CPG BINDING
GO_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY, GO_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY
GO_NEPHRON_EPITHELIUM_DEVELOPMENT, GO_NEPHRON_EPITHELIUM_DEVELOPMENT
FINETTI_BREAST_CANCERS_KINOME_GRAY, FINETTI_BREAST_CANCERS_KINOME_GRAY
PAX3_01, PAX3_01
GSE7218_UNSTIM_VS_ANTIGEN_STIM_THROUGH_IGM_BCELL_DN, GSE7218_UNSTIM_VS_ANTIGEN_STIM_THROUGH_IGM_BCELL_DN
GO_POLY_A_MRNA_EXPORT_FROM_NUCLEUS, GO_POLY_A_MRNA_EXPORT_FROM_NUCLEUS
EN1_01, EN1_01
GO_POSITIVE_REGULATION_OF_DEVELOPMENTAL_GROWTH, GO_POSITIVE_REGULATION_OF_DEVELOPMENTAL_GROWTH
GO_CYCLIN_DEPENDENT_PROTEIN_SERINE_THREONINE_KINASE_REGULATOR_ACTIVITY, GO_CYCLIN_DEPENDENT_PROTEIN_SERINE_THREONINE_KINASE_REGULATOR_ACTIVITY
XU_AKT1_TARGETS_6HR, XU_AKT1_TARGETS_6HR
GO_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY, GO_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY
GO_PROTEIN_SERINE_THREONINE_TYROSINE_KINASE_ACTIVITY, GO_PROTEIN_SERINE_THREONINE_TYROSINE_KINASE_ACTIVITY
GO NEGATIVE REGULATION OF REPRODUCTIVE PROCESS, GO NEGATIVE REGULATION OF REPRODUCTIVE PROCESS
MORF_NF1, MORF_NF1
PAX6_01, PAX6_01
GO_CILIARY_BASE, GO_CILIARY_BASE
REACTOME_PRE_NOTCH_TRANSCRIPTION_AND_TRANSLATION, REACTOME_PRE_NOTCH_TRANSCRIPTION_AND_TRANSLATION
GO_SKELETAL_MUSCLE_ORGAN_DEVELOPMENT, GO_SKELETAL_MUSCLE_ORGAN_DEVELOPMENT
GO_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION, GO_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION
GO_RENAL_TUBULE_DEVELOPMENT, GO_RENAL_TUBULE_DEVELOPMENT
GO_ANDROGEN_RECEPTOR_BINDING, GO_ANDROGEN_RECEPTOR_BINDING
GO_PRP19_COMPLEX, GO_PRP19_COMPLEX
GO_REGULATION_OF_PROTEIN_SUMOYLATION, GO_REGULATION_OF_PROTEIN_SUMOYLATION
RASHI_RESPONSE_TO_IONIZING_RADIATION_3, RASHI_RESPONSE_TO_IONIZING_RADIATION_3
GO_POSITIVE_REGULATION_OF_PROTEIN_DEACETYLATION, GO_POSITIVE_REGULATION_OF_PROTEIN_DEACETYLATION
GO_REGULATION_OF_ORGAN_GROWTH, GO_REGULATION_OF_ORGAN_GROWTH
GO_CARDIAC_MUSCLE_CELL_DIFFERENTIATION, GO_CARDIAC_MUSCLE_CELL_DIFFERENTIATION
GO_POSITIVE_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION, GO_POSITIVE_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION
GO_NUCLEAR_CYCLIN_DEPENDENT_PROTEIN_KINASE_HOLOENZYME_COMPLEX, GO_NUCLEAR_CYCLIN_DEPENDENT_PROTEIN_KINASE_HOLOENZYME_COMPLEX
NCX_01, NCX_01
GO_MRNA_MODIFICATION, GO_MRNA_MODIFICATION
GO_BLOOD_VESSEL_REMODELING, GO_BLOOD_VESSEL_REMODELING
MATZUK_SPERMATOGONIA, MATZUK_SPERMATOGONIA
WAMUNYOKOLI_OVARIAN_CANCER_GRADES_1_2_DN, WAMUNYOKOLI_OVARIAN_CANCER_GRADES_1_2_DN
GO_VENTRICULAR_CARDIAC_MUSCLE_CELL_DIFFERENTIATION, GO_VENTRICULAR_CARDIAC_MUSCLE_CELL_DIFFERENTIATION
GO_BRANCHING_MORPHOGENESIS_OF_AN_EPITHELIAL_TUBE, GO_BRANCHING_MORPHOGENESIS_OF_AN_EPITHELIAL_TUBE
PID_RETINOIC_ACID_PATHWAY, PID_RETINOIC_ACID_PATHWAY
DUNNE_TARGETS_OF_AML1_MTG8_FUSION_DN, DUNNE_TARGETS_OF_AML1_MTG8_FUSION_DN
GO_REGULATION_OF_CELL_AGING, GO_REGULATION_OF_CELL_AGING
```

REACTOME_NOTCH1_INTRACELLULAR_DOMAIN_REGULATES_TRANSCRIPTION, REACTOME_NOTCH1_INTRACELLULAR_DOMAIN_REGULATES_TRANSCRIPTION

GO_POSITIVE_REGULATION_OF_KIDNEY_DEVELOPMENT, GO_POSITIVE_REGULATION_OF_KIDNEY_DEVELOPMENT

GO_SPLICEOSOMAL_COMPLEX, GO_SPLICEOSOMAL_COMPLEX

GSE27786_CD4_TCELL_VS_MONO_MAC_UP, GSE27786_CD4_TCELL_VS_MONO_MAC_UP

GO_CHROMOSOME_TELOMERIC_REGION, GO_CHROMOSOME_TELOMERIC_REGION

GO_NUCLEOBASE_CONTAINING_COMPOUND_TRANSPORT, GO_NUCLEOBASE_CONTAINING_COMPOUND_TRANSPORT

GSE45881_CXCR6HI_VS_CXCR1LO_COLONIC_LAMINA_PROPRIA_UP, GSE45881_CXCR6HI_VS_CXCR1LO_COLONIC_LAMINA_PROPRIA_UP

REACTOME_TRANSCRIPTION, REACTOME_TRANSCRIPTION

GO_RNA_LOCALIZATION, GO_RNA_LOCALIZATION

KEGG_SPLICEOSOME, KEGG_SPLICEOSOME

GO_NUCLEAR_EXPORT, GO_NUCLEAR_EXPORT

GCM_MLL, GCM_MLL

LEAR_SPECK, GO_NUCLEAR_SPECK