```
GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_14H_UP, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_14H_UP
                                                                                          GSE40666_UNTREATED_VS_IFNA_STIM_EFFECTOR_CD8_TCELL_90MIN_DN, GSE40666_UNTREATED_VS_IFNA_STIM_EFFECTOR_CD8_TCELL_90MIN_DN
                                                                                          GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_UP, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_UP
                                                                                          GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_18H_UP, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_18H_UP
                                                                                          GSE46606 IRF4 KO VS WT CD40L IL2 IL5 1DAY STIMULATED BCELL UP, GSE46606 IRF4 KO VS WT CD40L IL2 IL5 1DAY STIMULATED BCELL UP
                                                                                          REACTOME_RNA_POLYMERASE_II_TRANSCRIBES_SNRNA_GENES, REACTOME_RNA_POLYMERASE_II_TRANSCRIBES_SNRNA_GENES
                                                                                         HP_PROMINENT_FOREHEAD, HP_PROMINENT_FOREHEAD
                                                                                         GSE1925_CTRL_VS_3H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_DN, GSE1925_CTRL_VS_3H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_DN
                                                                                         GOBP_TRANSCRIPTION_BY_RNA_POLYMERASE_III, GOBP_TRANSCRIPTION_BY_RNA_POLYMERASE_III
                                                                                         MIR4273, MIR4273
                                                                                         MIR7156_5P, MIR7156_5P
                                                                                         GOCC_MICROBODY_MEMBRANE, GOCC_MICROBODY_MEMBRANE
                                                                                         REACTOME_RNA_POLYMERASE_III_TRANSCRIPTION, REACTOME_RNA_POLYMERASE_III_TRANSCRIPTION
                                                                                         HP_AORTIC_ROOT_ANEURYSM, HP_AORTIC_ROOT_ANEURYSM
                                                                                         GAL_LEUKEMIC_STEM_CELL_UP, GAL_LEUKEMIC_STEM_CELL_UP
                                                                                         MIR12128, MIR12128
                                                                                         MIR657, MIR657
                                                                                         MIR6747_3P, MIR6747_3P
                                                                                         REACTOME_MICRORNA_MIRNA_BIOGENESIS, REACTOME_MICRORNA_MIRNA_BIOGENESIS
                                                                                         MIR8082, MIR8082
                                                                                         RASHI_RESPONSE_TO_IONIZING_RADIATION_3, RASHI_RESPONSE_TO_IONIZING_RADIATION_3
                                                                                         MIR4641, MIR4641
                                                                                         HP_ANARTHRIA, HP_ANARTHRIA
                                                                                         HP_POSTURAL_TREMOR, HP_POSTURAL_TREMOR
                                                                                         HP_SPINAL_MUSCULAR_ATROPHY, HP_SPINAL_MUSCULAR_ATROPHY
                                                                                         HP_HYPERPHOSPHATEMIA, HP_HYPERPHOSPHATEMIA
                                                                                         HP_NEOPLASM_OF_THE_TONGUE, HP_NEOPLASM_OF_THE_TONGUE
                                                                                          HAY_BONE_MARROW_CD34_POS_PRE_B, HAY_BONE_MARROW_CD34_POS_PRE_B
                                                                                          TRAYNOR_RETT_SYNDROM_DN, TRAYNOR_RETT_SYNDROM_DN
                                                                                          GOCC_RNA_POLYMERASE_II_CORE_COMPLEX, GOCC_RNA_POLYMERASE_II_CORE_COMPLEX
                                                                                          REACTOME_PIWI_INTERACTING_RNA_PIRNA_BIOGENESIS, REACTOME_PIWI_INTERACTING_RNA_PIRNA_BIOGENESIS
                                                                                          HP_ABNORMAL_SIZE_OF_PITUITARY_GLAND, HP_ABNORMAL_SIZE_OF_PITUITARY_GLAND
                                                                                          GTGGTGA_MIR197, GTGGTGA_MIR197
                                                                                          MIR6871_5P, MIR6871_5P
                                                                                          WP_ASSOCIATION_BETWEEN_PHYSICOCHEMICAL_FEATURES_AND_TOXICITY_ASSOCIATED_PATHWAYS, WP_ASSOCIATION_BETWEEN_PHYSICOCHEMICAL_FEATURES_AND_TOXIC
                                                                                          GOBP_POSITIVE_REGULATION_OF_CALCIUM_ION_IMPORT, GOBP_POSITIVE_REGULATION_OF_CALCIUM_ION_IMPORT
                                                                                          HP_MYOCLONIC_SPASMS, HP_MYOCLONIC_SPASMS
                                                                                          HP_LARGE_EARLOBE, HP_LARGE_EARLOBE
                                                                                          HP_ABNORMAL_THALAMIC_MRI_SIGNAL_INTENSITY, HP_ABNORMAL_THALAMIC_MRI_SIGNAL_INTENSITY
                                                                                          GOMF_AP_2_ADAPTOR_COMPLEX_BINDING, GOMF_AP_2_ADAPTOR_COMPLEX_BINDING
                                                                                         HP_OCULOMOTOR_NERVE_PALSY, HP_OCULOMOTOR_NERVE_PALSY
NEWCASTLE VIRUS DC 18H UP, GSE18791 CTRL VS NEWCASTLE VIRUS DC 18H UP
                                                                                         HP_BELL_SHAPED_THORAX, HP_BELL_SHAPED_THORAX
                                                                                          HP HETERONYMOUS HEMIANOPIA, HP HETERONYMOUS HEMIANOPIA
                                                                                          HP VISUAL ACUITY TEST ABNORMALITY, HP VISUAL ACUITY TEST ABNORMALITY
                                                                                          HP_HYPOCALCEMIC_SEIZURES, HP_HYPOCALCEMIC_SEIZURES
                                                                                          WP_PROTEOGLYCAN_BIOSYNTHESIS, WP_PROTEOGLYCAN_BIOSYNTHESIS
                                                                                          HP_ABNORMAL_CENTRAL_SENSORY_FUNCTION, HP_ABNORMAL_CENTRAL_SENSORY_FUNCTION
                                                                                          HP BIRTH LENGTH LESS THAN 3RD PERCENTILE, HP BIRTH LENGTH LESS THAN 3RD PERCENTILE
                                                                                          HP_NEURALGIA, HP_NEURALGIA
                                                                                         HP_FLATTENED_EPIPHYSIS, HP_FLATTENED_EPIPHYSIS
                                                                                          HP_TRANSIENT_GLOBAL_AMNESIA, HP_TRANSIENT_GLOBAL_AMNESIA
                                                                                          HP_ABNORMAL_VISUAL_FIELD_TEST, HP_ABNORMAL_VISUAL_FIELD_TEST
                                                                                          HP_DIFFICULTY_STANDING, HP_DIFFICULTY_STANDING
                                                                                          LIU_IL13_PRIMING_MODEL, LIU_IL13_PRIMING_MODEL
                                                                                          HP_HEMIFACIAL_SPASM, HP_HEMIFACIAL_SPASM
                                                                                          GOBP_LENS_DEVELOPMENT_IN_CAMERA_TYPE_EYE, GOBP_LENS_DEVELOPMENT_IN_CAMERA_TYPE_EYE
                                                                                          HP HYPOTHALAMIC HYPOTHYROIDISM, HP HYPOTHALAMIC HYPOTHYROIDISM
                                                                                          MIR8074, MIR8074
                                                                                         HP_AMELOGENESIS_IMPERFECTA, HP_AMELOGENESIS_IMPERFECTA
                                                                                          GOCC_APICAL_CORTEX, GOCC_APICAL_CORTEX
                                                                                          HP_INTRACRANIAL_MENINGIOMA, HP_INTRACRANIAL_MENINGIOMA
                                                                                         HP_REDUCED_CIRCULATING_PROLACTIN_CONCENTRATION, HP_REDUCED_CIRCULATING_PROLACTIN_CONCENTRATION
                                                                                          HP_DECREASED_PULMONARY_FUNCTION, HP_DECREASED_PULMONARY_FUNCTION
                                                                                         HP_PROGRESSIVE_PULMONARY_FUNCTION_IMPAIRMENT, HP_PROGRESSIVE_PULMONARY_FUNCTION_IMPAIRMENT
                                                                                         HP_LIMITED_ELBOW_FLEXION, HP_LIMITED_ELBOW_FLEXION
                                                                                          GOMF_SECONDARY_ACTIVE_SULFATE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_SECONDARY_ACTIVE_SULFATE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                          REACTOME_ASSEMBLY_OF_ACTIVE_LPL_AND_LIPC_LIPASE_COMPLEXES, REACTOME_ASSEMBLY_OF_ACTIVE_LPL_AND_LIPC_LIPASE_COMPLEXES
                                                                                         GOBP_CIRCADIAN_SLEEP_WAKE_CYCLE_REM_SLEEP, GOBP_CIRCADIAN_SLEEP_WAKE_CYCLE_REM_SLEEP
                                                                                         HP_BRAIN_STEM_COMPRESSION, HP_BRAIN_STEM_COMPRESSION
                                                                                         GOMF_PHOSPHATIDYLINOSITOL_3_5_BISPHOSPHATE_BINDING, GOMF_PHOSPHATIDYLINOSITOL_3_5_BISPHOSPHATE_BINDING
                                                                                         HP_DECREASED_CIRCULATING_GONADOTROPIN_LEVEL, HP_DECREASED_CIRCULATING_GONADOTROPIN_LEVEL
                                                                                          GOBP_POSITIVE_REGULATION_OF_STEROID_HORMONE_SECRETION, GOBP_POSITIVE_REGULATION_OF_STEROID_HORMONE_SECRETION
                                                                                         HP_REMNANTS_OF_THE_HYALOID_VASCULAR_SYSTEM, HP_REMNANTS_OF_THE_HYALOID_VASCULAR_SYSTEM
                                                                                         GOBP_POST_CHAPERONIN_TUBULIN_FOLDING_PATHWAY, GOBP_POST_CHAPERONIN_TUBULIN_FOLDING_PATHWAY
                                                                                         HP_ABNORMALITY_OF_THE_POSTERIOR_PITUITARY, HP_ABNORMALITY_OF_THE_POSTERIOR_PITUITARY
                                                                                         HP_NEONATAL_SHORT_LIMB_SHORT_STATURE, HP_NEONATAL_SHORT_LIMB_SHORT_STATURE
                                                                                          HP_PAIN_IN_HEAD_AND_NECK_REGION, HP_PAIN_IN_HEAD_AND_NECK_REGION
                                                                                          HOLLERN_SOLID_NODULAR_BREAST_TUMOR_UP, HOLLERN_SOLID_NODULAR_BREAST_TUMOR_UP
                                                                                          REACTOME_SPERM_MOTILITY_AND_TAXES, REACTOME_SPERM_MOTILITY_AND_TAXES
                                                                                          HP_ABNORMAL_MAGNESIUM_CONCENTRATION, HP_ABNORMAL_MAGNESIUM_CONCENTRATION
                                                                                          GOBP_OXALATE_TRANSPORT, GOBP_OXALATE_TRANSPORT
                                                                                          GOMF_OXALATE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_OXALATE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
```

GOBP CIRCADIAN SLEEP WAKE CYCLE, GOBP CIRCADIAN SLEEP WAKE CYCLE

GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_10H_UP, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_10H_UP