```
GSE32986_CURDLAN_LOWDOSE_VS_CURDLAN_HIGHDOSE_STIM_DC_UP, GSE32986_CURDLAN_LOWDOSE_VS_CURDLAN_HIGHDOSE_STIM_DC_UP
                                                                                                                                                     GSE10273_HIGH_VS_LOW_IL7_TREATED_IRF4_8_NULL_PRE_BCELL_UP, GSE10273_HIGH_VS_LOW_IL7_TREATED_IRF4_8_NULL_PRE_BCELL_UP
                                                                                                                                                     GSE369_IFNG_KO_VS_WT_LIVER_UP, GSE369_IFNG_KO_VS_WT_LIVER_UP
                                                                                                                                                     GSE6092_IFNG_VS_IFNG_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP, GSE6092_IFNG_VS_IFNG_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP
                                                                                                                                                     GSE45365_NK_CELL_VS_CD11B_DC_MCMV_INFECTION_DN, GSE45365_NK_CELL_VS_CD11B_DC_MCMV_INFECTION_DN
                                                                                                                                                     GSE411_UNSTIM_VS_100MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_UP, GSE411_UNSTIM_VS_100MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_UP
                                                                                                                                                     GSE32423_CTRL_VS_IL7_IL4_MEMORY_CD8_TCELL_UP, GSE32423_CTRL_VS_IL7_IL4_MEMORY_CD8_TCELL_UP
                                                                                                                                                     GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_STAT3_KO_CD4_TCELL_UP, GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_STAT3_KO_CD4_TCELL_UP
                                                                                                                                                     GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_DN, GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_DN
                                                                                                                                                     GSE32423_CTRL_VS_IL4_MEMORY_CD8_TCELL_UP, GSE32423_CTRL_VS_IL4_MEMORY_CD8_TCELL_UP
                                                                                                                                                     GSE27786_NKTCELL_VS_NEUTROPHIL_DN, GSE27786_NKTCELL_VS_NEUTROPHIL_DN
                                                                                                                                                     GSE12845 IGD NEG BLOOD VS NAIVE TONSIL BCELL DN, GSE12845 IGD NEG BLOOD VS NAIVE TONSIL BCELL DN
                                                                                                                                                     MIR525_5P, MIR525_5P
                                                                                                                                                     GSE25123 CTRL VS IL4 AND ROSIGLITAZONE STIM PPARG KO MACROPHAGE UP, GSE25123 CTRL VS IL4 AND ROSIGLITAZONE STIM PPARG KO MACROPHAGE UP
                                                                                                                                                     MIR520A_5P, MIR520A_5P
                                                                                                                                                     GSE27786 NKTCELL VS MONO MAC DN, GSE27786 NKTCELL VS MONO MAC DN
                                                                                                                                                     MIR3663 3P, MIR3663 3P
                                                                                                                                                     ZHENG_CORD_BLOOD_C10_MULTILYMPHOID_PROGENITOR, ZHENG_CORD_BLOOD_C10_MULTILYMPHOID_PROGENITOR
                                                                                                                                                     MIR623. MIR623
                                                                                                                                                     WP_CHEMOKINE_SIGNALING_PATHWAY, WP_CHEMOKINE_SIGNALING_PATHWAY
                                                                                                                                                    MIR922, MIR922
                                                                                                                                                    WP FRAGILE X SYNDROME, WP_FRAGILE_X_SYNDROME
                                                                                                                                                    HP_LOWER_LIMB_MUSCLE_WEAKNESS, HP_LOWER_LIMB_MUSCLE_WEAKNESS
                                                                                                                                                    MIR1179, MIR1179
                                                                                                                                                     GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_BCELL_UP, GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_BCELL_UP
                                                                                                                                                    PID_AR_PATHWAY, PID_AR_PATHWAY
                                                                                                                                                    KEGG_CHEMOKINE_SIGNALING_PATHWAY, KEGG_CHEMOKINE_SIGNALING_PATHWAY
                                                                                                                                                    BASSO CD40 SIGNALING DN, BASSO CD40 SIGNALING DN
                                                                                                                                                    GSE22886_TH1_VS_TH2_12H_ACT_DN, GSE22886_TH1_VS_TH2_12H_ACT_DN
                                                                                                                                                    GSE13411_NAIVE_VS_IGM_MEMORY_BCELL_UP, GSE13411_NAIVE_VS_IGM_MEMORY_BCELL_UP
                                                                                                                                                    HP_MITRAL_VALVE_PROLAPSE, HP_MITRAL_VALVE_PROLAPSE
                                                                                                                                                    WAMUNYOKOLI_OVARIAN_CANCER_GRADES_1_2_UP, WAMUNYOKOLI_OVARIAN_CANCER_GRADES_1_2_UP
                                                                                                                                                    HP_ABNORMAL_MITRAL_VALVE_MORPHOLOGY, HP_ABNORMAL_MITRAL_VALVE_MORPHOLOGY
                                                                                                                                                    MIR17_3P, MIR17_3P
                                                                                                                                                    GOCC_CELL_DIVISION_SITE, GOCC_CELL_DIVISION_SITE
                                                                                                                                                    MIR4697_3P, MIR4697_3P
                                                                                                                                                     HP_BROAD_BASED_GAIT, HP_BROAD_BASED_GAIT
                                                                                                                                                     MIR4299, MIR4299
                                                                                                                                                     AR_03, AR_03
                                                                                                                                                    GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_8H_UP, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_8H_UP
                                                                                                                                                    PID_BCR_5PATHWAY, PID_BCR_5PATHWAY
                                                                                                                                                    MIR4526, MIR4526
                                                                                                                                                    MIR3660, MIR3660
                                                                                                                                                    MIR4463. MIR4463
                                                                                                                                                    AGTCAGC MIR345, AGTCAGC MIR345
                                                                                                                                                    PID_FAK_PATHWAY, PID_FAK_PATHWAY
                                                                                                                                                    MIR7156_5P, MIR7156_5P
                                                                                                                                                    GSE34156_TLR1_TLR2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP, GSE34156_TLR1_TLR2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP
                                                                                                                                                    HP_LIMITED_ELBOW_MOVEMENT, HP_LIMITED_ELBOW_MOVEMENT
                                                                                                                                                    GSE7459_UNTREATED_VS_IL6_TREATED_ACT_CD4_TCELL_UP, GSE7459_UNTREATED_VS_IL6_TREATED_ACT_CD4_TCELL_UP
                                                                                                                                                    REACTOME_DDX58_IFIH1_MEDIATED_INDUCTION_OF_INTERFERON_ALPHA_BETA, REACTOME_DDX58_IFIH1_MEDIATED_INDUCTION_OF_INTERFERON_ALPHA_BETA
                                                                                                                                                    GSE1112_OT1_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTOC_CULTURE_DN, GSE1112_OT1_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTOC_CULTURE_DN
                                                                                                                                                    GAGCCTG_MIR484, GAGCCTG_MIR484
                                                                                                                                                    WP_NEURODEGENERATION_WITH_BRAIN_IRON_ACCUMULATION_NBIA_SUBTYPES_PATHWAY, WP_NEURODEGENERATION_WITH_BRAIN_IRON_ACCUMULATION_NBIA_SUBTYPES_PATHWAY
                                                                                                                                                    REACTOME_NEGATIVE_REGULATORS_OF_DDX58_IFIH1_SIGNALING, REACTOME_NEGATIVE_REGULATORS_OF_DDX58_IFIH1_SIGNALING
                                                                                                                                                    HP_ELBOW_FLEXION_CONTRACTURE, HP_ELBOW_FLEXION_CONTRACTURE
                                                                                                                                                     BCAT_BILD_ET_AL_DN, BCAT_BILD_ET_AL_DN
                                                                                                                                                     MIR4708_5P, MIR4708_5P
                                                                                                                                                     MIR3201, MIR3201
                                                                                                                                                     AR_Q2, AR_Q2
                                                                                                                                                     MIR483_3P, MIR483_3P
                                                                                                                                                    CHUNG_BLISTER_CYTOTOXICITY_DN, CHUNG_BLISTER_CYTOTOXICITY_DN
                                                                                                                                                    DCA_UP.V1_DN, DCA_UP.V1_DN
                                                                                                                                                     MIR550B_3P, MIR550B_3P
                                                                                                                                                     MIR3622A 3P MIR3622B 3P, MIR3622A 3P MIR3622B 3P
                                                                                                                                                     MIR1225_3P, MIR1225_3P
                                                                                                                                                    GSE20366_TREG_VS_TCONV_UP, GSE20366_TREG_VS_TCONV_UP
                                                                                                                                                     MIR1238_3P, MIR1238_3P
                                                                                                                                                     HP_PRIMITIVE_NEUROECTODERMAL_TUMOR, HP_PRIMITIVE_NEUROECTODERMAL_TUMOR
                                                                                                                                                    MIR3140_5P, MIR3140_5P
                                                                                                                                                    MIR4639_5P, MIR4639_5P
                                                                                                                                                     WEIGEL_OXIDATIVE_STRESS_RESPONSE, WEIGEL_OXIDATIVE_STRESS_RESPONSE
                                                                                                                                                    WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_INTERFERON_INDUCTION, WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_INTERFERON_INDUCTION
                                                                                                                                                     NIKOLSKY_BREAST_CANCER_6P24_P22_AMPLICON, NIKOLSKY_BREAST_CANCER_6P24_P22_AMPLICON
                                                                                                                                                     GSE13522_WT_VS_IFNG_KO_SKING_T_CRUZI_Y_STRAIN_INF_DN, GSE13522_WT_VS_IFNG_KO_SKING_T_CRUZI_Y_STRAIN_INF_DN
                                                                                                                                                     MIR4717_3P, MIR4717_3P
                                                                                                                                                     WP_SIGNALING_OF_HEPATOCYTE_GROWTH_FACTOR_RECEPTOR, WP_SIGNALING_OF_HEPATOCYTE_GROWTH_FACTOR_RECEPTOR
                                                                                                                                                     MIR640, MIR640
                                                                                                                                                     GOBP CELLULAR CARBOHYDRATE CATABOLIC PROCESS, GOBP CELLULAR CARBOHYDRATE CATABOLIC PROCESS
                                                                                                                                                     AR_02, AR_02
                                                                                                                                                    PID_IL2_1PATHWAY, PID_IL2_1PATHWAY
                                                                                                                                                     BIOCARTA_MET_PATHWAY, BIOCARTA_MET_PATHWAY
                                                                                                                                                     HP_LANGUAGE_IMPAIRMENT, HP_LANGUAGE_IMPAIRMENT
                                                                                                                                                    MIR4791, MIR4791
                                                                                                                                                     MIR6818_5P, MIR6818_5P
                                                                                                                                                     HP_TRIGONOCEPHALY, HP_TRIGONOCEPHALY
                                                                                                                                                     MIR431_5P, MIR431_5P
                                                                                                                                                    GRADE_COLON_AND_RECTAL_CANCER_DN, GRADE_COLON_AND_RECTAL_CANCER_DN
                                                                                                                                                    MIR219A_2_3P, MIR219A_2_3P
                                                                                                                                                     SEITZ_NEOPLASTIC_TRANSFORMATION_BY_8P_DELETION_UP, SEITZ_NEOPLASTIC_TRANSFORMATION_BY_8P_DELETION_UP
                                                                                                                                                     HP_ABNORMAL_SPERMATOGENESIS, HP_ABNORMAL_SPERMATOGENESIS
                                                                                                                                                     MIR4633_3P_MIR6500_5P, MIR4633_3P_MIR6500_5P
                                                                                                                                                     HP_VASCULAR_TORTUOSITY, HP_VASCULAR_TORTUOSITY
                                                                                                                                                     WP_PDGF_PATHWAY, WP_PDGF_PATHWAY
                                                                                                                                                     WP_TYPE_I_INTERFERON_INDUCTION_AND_SIGNALING_DURING_SARSCOV2_INFECTION, WP_TYPE_I_INTERFERON_INDUCTION_AND_SIGNALING_DURING_SARSCOV2_INFECTION
                                                                                                                                                     MIR6745, MIR6745
                                                                                                                                                     HP_NEUROFIBRILLARY_TANGLES, HP_NEUROFIBRILLARY_TANGLES
                                                                                                                                                     BIOCARTA_CXCR4_PATHWAY, BIOCARTA_CXCR4_PATHWAY
                                                                                                                                                     REACTOME_TICAM1_DEPENDENT_ACTIVATION_OF_IRF3_IRF7, REACTOME_TICAM1_DEPENDENT_ACTIVATION_OF_IRF3_IRF7
                                                                                                                                                     MIR6508_3P, MIR6508_3P
                                                                                                                                                     MORF_PDPK1, MORF_PDPK1
                                                                                                                                                     GOBP_ANTEROGRADE_AXONAL_TRANSPORT, GOBP_ANTEROGRADE_AXONAL_TRANSPORT
                                                                                                                                                     MIR3059_3P, MIR3059_3P
                                                                                                                                                     GOBP_NEGATIVE_REGULATION_OF_LIPID_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_LIPID_METABOLIC_PROCESS
                                                                                                                                                     BAE BRCA1 TARGETS DN, BAE BRCA1 TARGETS DN
                                                                                                                                                     DASU_IL6_SIGNALING_SCAR_UP, DASU_IL6_SIGNALING_SCAR_UP
                                                                                                                                                     MIR6798_3P, MIR6798_3P
                                                                                                                                                     HP_PROTRUDING_TONGUE, HP_PROTRUDING_TONGUE
                                                                                                                                                     ZHONG_PFC_C7_ORG_UNDERGOING_NEURONAL_DIFFERENTIATION, ZHONG_PFC_C7_ORG_UNDERGOING_NEURONAL_DIFFERENTIATION
                                                                                                                                                     REACTOME_ACTIVATION_OF_IRF3_IRF7_MEDIATED_BY_TBK1_IKK_EPSILON, REACTOME_ACTIVATION_OF_IRF3_IRF7_MEDIATED_BY_TBK1_IKK_EPSILON
                                                                                                                                                     REACTOME_DAP12_INTERACTIONS, REACTOME_DAP12_INTERACTIONS
                                                                                                                                                     GOBP BONE REMODELING, GOBP BONE REMODELING
                                                                                                                                                     BIOCARTA_EGF_PATHWAY, BIOCARTA_EGF_PATHWAY
                                                                                                                                                     WP_EPO_RECEPTOR_SIGNALING, WP_EPO_RECEPTOR_SIGNALING
                                                                                                                                                     MIR6793_5P, MIR6793_5P
                                                                                                                                                    HP_ABNORMAL_PANCREAS_MORPHOLOGY, HP_ABNORMAL_PANCREAS_MORPHOLOGY
                                                                                                                                                     GOBP_CELLULAR_RESPONSE_TO_CALCIUM_ION, GOBP_CELLULAR_RESPONSE_TO_CALCIUM_ION
                                                                                                                                                     PID_RAS_PATHWAY, PID_RAS_PATHWAY
                                                                                                                                                     MORI_EMU_MYC_LYMPHOMA_BY_ONSET_TIME_DN, MORI_EMU_MYC_LYMPHOMA_BY_ONSET_TIME_DN
                                                                                                                                                     HP_LIMITED_HIP_MOVEMENT, HP_LIMITED_HIP_MOVEMENT
                                                                                                                                                     SCHAEFFER_PROSTATE_DEVELOPMENT_AND_CANCER_BOX5_UP, SCHAEFFER_PROSTATE_DEVELOPMENT_AND_CANCER_BOX5_UP
                                                                                                                                                     SAGIV_CD24_TARGETS_UP, SAGIV_CD24_TARGETS_UP
                                                                                                                                                     GOBP_RESPONSE_TO_NERVE_GROWTH_FACTOR, GOBP_RESPONSE_TO_NERVE_GROWTH_FACTOR
                                                                                                                                                     GOMF_ACTININ_BINDING, GOMF_ACTININ_BINDING
                                                                                                                                                     GOCC_DENDRITIC_SHAFT, GOCC_DENDRITIC_SHAFT
                                                                                                                                                     GOMF_PHOSPHOTYROSINE_RESIDUE_BINDING, GOMF_PHOSPHOTYROSINE_RESIDUE_BINDING
ELL AND IL12 TREATED MELANOMA DAY7 UP, GSE29164 CD8 TCELL VS CD8 TCELL AND IL12 TREATED MELANOMA DAY7 UP
                                                                                                                                                     NUNODA_RESPONSE_TO_DASATINIB_IMATINIB_DN, NUNODA_RESPONSE_TO_DASATINIB_IMATINIB_DN
                                                                                                                                                     HP_SUBARACHNOID_HEMORRHAGE, HP_SUBARACHNOID_HEMORRHAGE
                                                                                                                                                     PID_TCR_RAS_PATHWAY, PID_TCR_RAS_PATHWAY
                                                                                                                                                     GOBP_REGULATION_OF_CYTOPLASMIC_TRANSPORT, GOBP_REGULATION_OF_CYTOPLASMIC_TRANSPORT
                                                                                                                                                     HP_LIMITATION_OF_NECK_MOTION, HP_LIMITATION_OF_NECK_MOTION
                                                                                                                                                     GOBP_RESPONSE_TO_DIETARY_EXCESS, GOBP_RESPONSE_TO_DIETARY_EXCESS
                                                                                                                                                     GOBERT_CORE_OLIGODENDROCYTE_DIFFERENTIATION, GOBERT_CORE_OLIGODENDROCYTE_DIFFERENTIATION
                                                                                                                                                     HP_SYNOVITIS, HP_SYNOVITIS
                                                                                                                                                     GOCC_FILAMENTOUS_ACTIN, GOCC_FILAMENTOUS_ACTIN
                                                                                                                                                     HP_HIGH_HYPERMETROPIA, HP_HIGH_HYPERMETROPIA
                                                                                                                                                     GOBP_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION, GOBP_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION
                                                                                                                                                     HP_CYSTIC_HYGROMA, HP_CYSTIC_HYGROMA
                                                                                                                                                     BIOCARTA_CDMAC_PATHWAY, BIOCARTA_CDMAC_PATHWAY
                                                                                                                                                     GOBP_REGULATION_OF_NEUTROPHIL_ACTIVATION, GOBP_REGULATION_OF_NEUTROPHIL_ACTIVATION
                                                                                                                                                     LIU_IL13_PRIMING_MODEL, LIU_IL13_PRIMING_MODEL
                                                                                                                                                     GOBP_TELOMERIC_LOOP_DISASSEMBLY, GOBP_TELOMERIC_LOOP_DISASSEMBLY
                                                                                                                                                     CHEOK_RESPONSE_TO_MERCAPTOPURINE_DN, CHEOK_RESPONSE_TO_MERCAPTOPURINE_DN
                                                                                                                                                     GSE43863_TH1_VS_TFH_EFFECTOR_CD4_TCELL_UP, GSE43863_TH1_VS_TFH_EFFECTOR_CD4_TCELL_UP
                                                                                                                                                     GOBP_REGULATION_OF_GAMMA_DELTA_T_CELL_DIFFERENTIATION, GOBP_REGULATION_OF_GAMMA_DELTA_T_CELL_DIFFERENTIATION
                                                                                                                                                     BIOCARTA_CD40_PATHWAY, BIOCARTA_CD40_PATHWAY
                                                                                                                                                     GOBP_GALACTOSE_CATABOLIC_PROCESS, GOBP_GALACTOSE_CATABOLIC_PROCESS
                                                                                                                                                     GOBP_CELLULAR_RESPONSE_TO_DSRNA, GOBP_CELLULAR_RESPONSE_TO_DSRNA
                                                                                                                                                     MIR8074, MIR8074
                                                                                                                                                     WP_MAPK_PATHWAY_IN_CONGENITAL_THYROID_CANCER, WP_MAPK_PATHWAY_IN_CONGENITAL_THYROID_CANCER
                                                                                                                                                     TIAN_BHLHA15_TARGETS, TIAN_BHLHA15_TARGETS
                                                                                                                                                     CUI_TCF21_TARGETS_DN, CUI_TCF21_TARGETS_DN
                                                                                                                                                     REACTOME_PTK6_REGULATES_RHO_GTPASES_RAS_GTPASE_AND_MAP_KINASES, REACTOME_PTK6_REGULATES_RHO_GTPASES_RAS_GTPASE_AND_MAP_KINASES
                                                                                                                                                     MIR1911_5P, MIR1911_5P
                                                                                                                                                     REACTOME_FRUCTOSE_METABOLISM, REACTOME_FRUCTOSE_METABOLISM
                                                                                                                                                     GOBP_TELOMERE_MAINTENANCE_IN_RESPONSE_TO_DNA_DAMAGE, GOBP_TELOMERE_MAINTENANCE_IN_RESPONSE_TO_DNA_DAMAGE
                                                                                                                                                     HP_UNDETECTABLE_ELECTRORETINOGRAM, HP_UNDETECTABLE_ELECTRORETINOGRAM
                                                                                                                                                     FLOTHO_PEDIATRIC_ALL_THERAPY_RESPONSE_DN, FLOTHO_PEDIATRIC_ALL_THERAPY_RESPONSE_DN
                                                                                                                                                     HP_LIVER_ABSCESS, HP_LIVER_ABSCESS
                                                                                                                                                     WP TLR4 SIGNALING AND TOLERANCE, WP TLR4 SIGNALING AND TOLERANCE
                                                                                                                                                     GOBP_REGULATION_OF_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_DEPENDENT_DECAY, GOBP_REGULATION_DEPENDENT_DECAY, GOBP_REGULATION_DECAY, GOBP_REGULATION_DECAY, GOBP_REGULATION_DECAY, GOBP_REGULATION_DECAY, GOBP_REGULATION_DECAY, GOBP_REGULATION_DECAY, GOBP_REGULAT
                                                                                                                                                     GOBP_STEM_CELL_DIVISION, GOBP_STEM_CELL_DIVISION
                                                                                                                                                     GOBP_CYTOPLASMIC_SEQUESTERING_OF_PROTEIN, GOBP_CYTOPLASMIC_SEQUESTERING_OF_PROTEIN
                                                                                                                                                     WP_SARS_CORONAVIRUS_AND_INNATE_IMMUNITY, WP_SARS_CORONAVIRUS_AND_INNATE_IMMUNITY
                                                                                                                                                     REACTOME TRAF3 DEPENDENT IRF ACTIVATION PATHWAY, REACTOME TRAF3 DEPENDENT IRF ACTIVATION PATHWAY
                                                                                                                                                    HP_ADVANCED_ERUPTION_OF_TEETH, HP_ADVANCED_ERUPTION_OF_TEETH
                                                                                                                                                     BIOCARTA_TNFR2_PATHWAY, BIOCARTA_TNFR2_PATHWAY
                                                                                                                                                    HP_PECTUS_EXCAVATUM_OF_INFERIOR_STERNUM, HP_PECTUS_EXCAVATUM_OF_INFERIOR_STERNUM
                                                                                                                                                    HP_REDUCED_FACTOR_XII_ACTIVITY, HP_REDUCED_FACTOR_XII_ACTIVITY
                                                                                                                                                    GOBP_HISTONE_H3_K4_DEMETHYLATION_TRIMETHYL_H3_K4_SPECIFIC, GOBP_HISTONE_H3_K4_DEMETHYLATION_TRIMETHYL_H3_K4_SPECIFIC
                                                                                                                                                     GOBP_AUTOCRINE_SIGNALING, GOBP_AUTOCRINE_SIGNALING
                                                                                                                                                    WP_CANONICAL_NFKB_PATHWAY, WP_CANONICAL_NFKB_PATHWAY
                                                                                                                                                     GOBP_GOLGI_TO_ENDOSOME_TRANSPORT, GOBP_GOLGI_TO_ENDOSOME_TRANSPORT
                                                                                                                                                     GOMF_PHOSPHATIDYLINOSITOL_3_4_BISPHOSPHATE_BINDING, GOMF_PHOSPHATIDYLINOSITOL_3_4_BISPHOSPHATE_BINDING
                                                                                                                                                     GOBP_PROTECTION_FROM_NON_HOMOLOGOUS_END_JOINING_AT_TELOMERE, GOBP_PROTECTION_FROM_NON_HOMOLOGOUS_END_JOINING_AT_TELOMERE
                                                                                                                                                     HP_HYPOGLYCORRHACHIA, HP_HYPOGLYCORRHACHIA
                                                                                                                                                     GOBP REGULATION OF PROTEIN LOCALIZATION TO ENDOSOME, GOBP REGULATION OF PROTEIN LOCALIZATION TO ENDOSOME
                                                                                                                                                     HP_IRIS_HYPOPIGMENTATION, HP_IRIS_HYPOPIGMENTATION
                                                                                                                                                    GOBP_POSITIVE_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS, GOBP_POSITIVE_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS
                                                                                                                                                     HP_AUTOIMMUNE_THROMBOCYTOPENIA, HP_AUTOIMMUNE_THROMBOCYTOPENIA
                                                                                                                                                     WORSCHECH_TUMOR_EVASION_AND_TOLEROGENICITY_UP, WORSCHECH_TUMOR_EVASION_AND_TOLEROGENICITY_UP
                                                                                                                                                    CUI_DEVELOPING_HEART_5TH_WEEK_VENTRICULAR_CARDIOMYOCYTE, CUI_DEVELOPING_HEART_5TH_WEEK_VENTRICULAR_CARDIOMYOCYTE
                                                                                                                                                     TURASHVILI_BREAST_LOBULAR_CARCINOMA_VS_DUCTAL_NORMAL_DN, TURASHVILI_BREAST_LOBULAR_CARCINOMA_VS_DUCTAL_NORMAL_DN
                                                                                                                                                    HP_BROAD_METATARSAL, HP_BROAD_METATARSAL
                                                                                                                                                    GOBP_NEUROMUSCULAR_PROCESS, GOBP_NEUROMUSCULAR_PROCESS
                                                                                                                                                     GOBP_NEUROTROPHIN_TRK_RECEPTOR_SIGNALING_PATHWAY, GOBP_NEUROTROPHIN_TRK_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                                                     REACTOME GALACTOSE CATABOLISM, REACTOME GALACTOSE CATABOLISM
                                                                                                                                                     GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_EARLY_ENDOSOME, GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_EARLY_ENDOSOME
                                                                                                                                                    ZNF774_TARGET_GENES, ZNF774_TARGET_GENES
                                                                                                                                                     GRANDVAUX_IRF3_TARGETS_DN, GRANDVAUX_IRF3_TARGETS_DN
                                                                                                                                                     MIR6865_3P, MIR6865_3P
                                                                                                                                                     CDP_01, CDP_01
                                                                                                                                                     ZHAN_LATE_DIFFERENTIATION_GENES_DN, ZHAN_LATE_DIFFERENTIATION_GENES_DN
                                                                                                                                                     GOBP_CYTOPLASMIC_SEQUESTERING_OF_TRANSCRIPTION_FACTOR, GOBP_CYTOPLASMIC_SEQUESTERING_OF_TRANSCRIPTION_FACTOR
                                                                                                                                                     WILLIAMS_ESR1_TARGETS_DN, WILLIAMS_ESR1_TARGETS_DN
                                                                                                                                                     HP_AMEGAKARYOCYTIC_THROMBOCYTOPENIA, HP_AMEGAKARYOCYTIC_THROMBOCYTOPENIA
                                                                                                                                                    GOCC_MULTIVESICULAR_BODY_MEMBRANE, GOCC_MULTIVESICULAR_BODY_MEMBRANE
                                                                                                                                                     REACTOME_INTEGRIN_SIGNALING, REACTOME_INTEGRIN_SIGNALING
                                                                                                                                                     REACTOME_NF_KB_IS_ACTIVATED_AND_SIGNALS_SURVIVAL, REACTOME_NF_KB_IS_ACTIVATED_AND_SIGNALS_SURVIVAL
                                                                                                                                                    HP_SCANNING_SPEECH, HP_SCANNING_SPEECH
                                                                                                                                                    GOBP_NEGATIVE_REGULATION_OF_NEURON_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_NEURON_DIFFERENTIATION
                                                                                                                                                    GOCC_GOLGI_LUMEN, GOCC_GOLGI_LUMEN
                                                                                                                                                    GOBP_CAMP_CATABOLIC_PROCESS, GOBP_CAMP_CATABOLIC_PROCESS
                                                                                                                                                    GOBP_SYNAPTIC_GROWTH_AT_NEUROMUSCULAR_JUNCTION, GOBP_SYNAPTIC_GROWTH_AT_NEUROMUSCULAR_JUNCTION
                                                                                                                                                    GOBP_HINDBRAIN_RADIAL_GLIA_GUIDED_CELL_MIGRATION, GOBP_HINDBRAIN_RADIAL_GLIA_GUIDED_CELL_MIGRATION
                                                                                                                                                    GOBP_RESPONSE_TO_GRANULOCYTE_MACROPHAGE_COLONY_STIMULATING_FACTOR, GOBP_RESPONSE_TO_GRANULOCYTE_MACROPHAGE_COLONY_STIMULATING_FACTOR
                                                                                                                                                    GOBP_REGULATION_OF_SPONTANEOUS_SYNAPTIC_TRANSMISSION, GOBP_REGULATION_OF_SPONTANEOUS_SYNAPTIC_TRANSMISSION
                                                                                                                                                    HP_APLASIA_HYPOPLASIA_OF_THE_EPIGLOTTIS, HP_APLASIA_HYPOPLASIA_OF_THE_EPIGLOTTIS
                                                                                                                                                    GOBP_ADIPONECTIN_ACTIVATED_SIGNALING_PATHWAY, GOBP_ADIPONECTIN_ACTIVATED_SIGNALING_PATHWAY
                                                                                                                                                    GOBP_RESPONSE_TO_GLYCOPROTEIN, GOBP_RESPONSE_TO_GLYCOPROTEIN
                                                                                                                                                    GOCC PINOSOME, GOCC PINOSOME
                                                                                                                                                    GOCC_PHOSPHOLIPID_TRANSLOCATING_ATPASE_COMPLEX, GOCC_PHOSPHOLIPID_TRANSLOCATING_ATPASE_COMPLEX
                                                                                                                                                     GOMF_MANNOSYL_OLIGOSACCHARIDE_1_2_ALPHA_MANNOSIDASE_ACTIVITY, GOMF_MANNOSYL_OLIGOSACCHARIDE_1_2_ALPHA_MANNOSIDASE_ACTIVITY
                                                                                                                                                    GOBP_CYCLIC_NUCLEOTIDE_METABOLIC_PROCESS, GOBP_CYCLIC_NUCLEOTIDE_METABOLIC_PROCESS
                                                                                                                                                     HP_DECREASED_LEVEL_OF_GABA_IN_SERUM, HP_DECREASED_LEVEL_OF_GABA_IN_SERUM
                                                                                                                                                     HP_DIFFUSE_PALMOPLANTAR_KERATODERMA, HP_DIFFUSE_PALMOPLANTAR_KERATODERMA
                                                                                                                                                    WP_ESTROGEN_SIGNALING_PATHWAY, WP_ESTROGEN_SIGNALING_PATHWAY
                                                                                                                                                     HP_SCALING_SKIN, HP_SCALING_SKIN
                                                                                                                                                     GOCC_POSTSYNAPTIC_ENDOCYTIC_ZONE, GOCC_POSTSYNAPTIC_ENDOCYTIC_ZONE
                                                                                                                                                     BIOCARTA_SPRY_PATHWAY, BIOCARTA_SPRY_PATHWAY
                                                                                                                                                    MORF_FLT1, MORF_FLT1
                                                                                                                                                     GOBP_PURINE_CONTAINING_COMPOUND_SALVAGE, GOBP_PURINE_CONTAINING_COMPOUND_SALVAGE
                                                                                                                                                    GOBP_SUCKLING_BEHAVIOR, GOBP_SUCKLING_BEHAVIOR
                                                                                                                                                    GOBP_LOOP_OF_HENLE_DEVELOPMENT, GOBP_LOOP_OF_HENLE_DEVELOPMENT
                                                                                                                                                   GOBP_RECEPTOR_RECYCLING, GOBP_RECEPTOR_RECYCLING
                                                                                                                                                     GOBP_RIBONUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS, GOBP_RIBONUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS
                                                                                                                                                     GOBP_POSITIVE_REGULATION_OF_FC_RECEPTOR_MEDIATED_STIMULATORY_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_FC_RECEPTOR_MEDIATED_STIMULATORY_SIGNALING_PATH
                                                                                                                                                     HP_REDUCED_FACTOR_XIII_ACTIVITY, HP_REDUCED_FACTOR_XIII_ACTIVITY
                                                                                                                                                    GOMF_SUMO_POLYMER_BINDING, GOMF_SUMO_POLYMER_BINDING
                                                                                                                                                    GOBP_S_SHAPED_BODY_MORPHOGENESIS, GOBP_S_SHAPED_BODY_MORPHOGENESIS
                                                                                                                                                     GOMF_LYSOPHOSPHATIDIC_ACID_BINDING, GOMF_LYSOPHOSPHATIDIC_ACID_BINDING
                                                                                                                                                    HP_FATIGUABLE_WEAKNESS_OF_PROXIMAL_LIMB_MUSCLES, HP_FATIGUABLE_WEAKNESS_OF_PROXIMAL_LIMB_MUSCLES
                                                                                                                                                     GOBP_NEGATIVE_REGULATION_OF_STEROID_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_STEROID_METABOLIC_PROCESS
                                                                                                                                                     GOBP_DIET_INDUCED_THERMOGENESIS, GOBP_DIET_INDUCED_THERMOGENESIS
                                                                                                                                                     HP_RECURRENT_STAPHYLOCOCCAL_INFECTIONS, HP_RECURRENT_STAPHYLOCOCCAL_INFECTIONS
                                                                                                                                                    GOMF_CARBOHYDRATE_CATION_SYMPORTER_ACTIVITY, GOMF_CARBOHYDRATE_CATION_SYMPORTER_ACTIVITY
                                                                                                                                                     GOCC MICROFIBRIL, GOCC MICROFIBRIL
                                                                                                                                                    WP_TFS_REGULATE_MIRNAS_RELATED_TO_CARDIAC_HYPERTROPHY, WP_TFS_REGULATE_MIRNAS_RELATED_TO_CARDIAC_HYPERTROPHY
                                                                                                                                                     MOTAMED_RESPONSE_TO_ANDROGEN_DN, MOTAMED_RESPONSE_TO_ANDROGEN_DN
                                                                                                                                                     GOBP_TRIGEMINAL_NERVE_DEVELOPMENT, GOBP_TRIGEMINAL_NERVE_DEVELOPMENT
                                                                                                                                                     GOBP_VERY_LONG_CHAIN_FATTY_ACID_CATABOLIC_PROCESS, GOBP_VERY_LONG_CHAIN_FATTY_ACID_CATABOLIC_PROCESS
                                                                                                                                                     REACTOME_PLATELET_AGGREGATION_PLUG_FORMATION, REACTOME_PLATELET_AGGREGATION_PLUG_FORMATION
                                                                                                                                                     MIR8086, MIR8086
                                                                                                                                                     GOCC_PERINUCLEOLAR_COMPARTMENT, GOCC_PERINUCLEOLAR_COMPARTMENT
                                                                                                                                                     GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_MICROTUBULE, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_MICROTUBULE
                                                                                                                                                     GOBP_UBIQUITIN_DEPENDENT_GLYCOPROTEIN_ERAD_PATHWAY, GOBP_UBIQUITIN_DEPENDENT_GLYCOPROTEIN_ERAD_PATHWAY
                                                                                                                                                     REACTOME_NEGATIVE_REGULATION_OF_TCF_DEPENDENT_SIGNALING_BY_DVL_INTERACTING_PROTEINS, REACTOME_NEGATIVE_REGULATION_OF_TCF_DEPENDENT_SIGNALING_BY_DVL_INTER
                                                                                                                                                    GOBP_REGULATION_OF_ADIPOSE_TISSUE_DEVELOPMENT, GOBP_REGULATION_OF_ADIPOSE_TISSUE_DEVELOPMENT
                                                                                                                                                     HP_INTRAMUSCULAR_HEMATOMA, HP_INTRAMUSCULAR_HEMATOMA
                                                                                                                                                    HP_PERIPHERAL_ARTERIOVENOUS_FISTULA, HP_PERIPHERAL_ARTERIOVENOUS_FISTULA
                                                                                                                                                     REACTOME_COMPETING_ENDOGENOUS_RNAS_CERNAS_REGULATE_PTEN_TRANSLATION, REACTOME_COMPETING_ENDOGENOUS_RNAS_CERNAS_REGULATE_PTEN_TRANSLATION
                                                                                                                                                     GOBP_POSITIVE_REGULATION_OF_EPIDERMAL_GROWTH_FACTOR_ACTIVATED_RECEPTOR_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_EPIDERMAL_GROWTH_FACTOR_ACTIVATED_RECEPTOR_ACTIVITY
                                                                                                                                                    WP_OSTEOPONTIN_SIGNALING, WP_OSTEOPONTIN_SIGNALING
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GSE26351_UNSTIM_VS_WNT_PATHWAY_STIM_HEMATOPOIETIC_PROGENITORS_UP, GSE26351_UNSTIM_VS_WNT_PATHWAY_STIM_HEMATOPOIETIC_PROGENITORS_UP