```
MORF_RAP1A, MORF_RAP1A
                                                                                                                                            GSE22589_HEALTHY_VS_SIV_INFECTED_DC_DN, GSE22589_HEALTHY_VS_SIV_INFECTED_DC_DN
                                                                                                                                             GSE14308_TH1_VS_NAIVE_CD4_TCELL_DN, GSE14308_TH1_VS_NAIVE_CD4_TCELL_DN
                                                                                                                                             GOBP_VESICLE_BUDDING_FROM_MEMBRANE, GOBP_VESICLE_BUDDING_FROM_MEMBRANE
                                                                                                                                             GOBP_REGULATION_OF_TOR_SIGNALING, GOBP_REGULATION_OF_TOR_SIGNALING
                                                                                                                                             GSE22935_WT_VS_MYD88_KO_MACROPHAGE_12H_MBOVIS_BCG_STIM_UP, GSE22935_WT_VS_MYD88_KO_MACROPHAGE_12H_MBOVIS_BCG_STIM_UP
                                                                                                                                             GSE17721_CTRL_VS_LPS_8H_BMDC_DN, GSE17721_CTRL_VS_LPS_8H_BMDC_DN
                                                                                                                                             MIR1245B_3P, MIR1245B_3P
                                                                                                                                             GSE3039_CD4_TCELL_VS_B1_BCELL_UP, GSE3039_CD4_TCELL_VS_B1_BCELL_UP
                                                                                                                                             MIR133A_5P, MIR133A_5P
                                                                                                                                             MIR623, MIR623
                                                                                                                                             MIR2276_3P, MIR2276_3P
                                                                                                                                            MARTINEZ_RESPONSE_TO_TRABECTEDIN, MARTINEZ_RESPONSE_TO_TRABECTEDIN
                                                                                                                                             AAAGGAT_MIR501, AAAGGAT_MIR501
                                                                                                                                            GOBP_COPII_COATED_VESICLE_BUDDING, GOBP_COPII_COATED_VESICLE_BUDDING
                                                                                                                                            GOBP_VESICLE_TARGETING_TO_FROM_OR_WITHIN_GOLGI, GOBP_VESICLE_TARGETING_TO_FROM_OR_WITHIN_GOLGI
                                                                                                                                            EIF4E_DN, EIF4E_DN
                                                                                                                                            HP_AUTISM, HP_AUTISM
                                                                                                                                            KEGG_WNT_SIGNALING_PATHWAY, KEGG_WNT_SIGNALING_PATHWAY
                                                                                                                                            MIR3682_5P, MIR3682_5P
                                                                                                                                            HP_LIMB_HYPERTONIA, HP_LIMB_HYPERTONIA
                                                                                                                                            MIR8062, MIR8062
                                                                                                                                            MORF_RFC5, MORF_RFC5
                                                                                                                                             GSE5589_WT_VS_IL6_KO_LPS_AND_IL10_STIM_MACROPHAGE_180MIN_DN, GSE5589_WT_VS_IL6_KO_LPS_AND_IL10_STIM_MACROPHAGE_180MIN_DN
                                                                                                                                             MIR496, MIR496
                                                                                                                                             HP_HAMARTOMA, HP_HAMARTOMA
                                                                                                                                            MIR202_5P, MIR202_5P
                                                                                                                                             PDGF_ERK_DN.V1_UP, PDGF_ERK_DN.V1_UP
                                                                                                                                            ZHANG_TARGETS_OF_EWSR1_FLI1_FUSION, ZHANG_TARGETS_OF_EWSR1_FLI1_FUSION
                                                                                                                                            GOBP_STEROL_METABOLIC_PROCESS, GOBP_STEROL_METABOLIC_PROCESS
                                                                                                                                            GSE19941_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_DN, GSE19941_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_DN
                                                                                                                                             KMCATNNWGGA_UNKNOWN, KMCATNNWGGA_UNKNOWN
                                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_AUTOPHAGY, GOBP_NEGATIVE_REGULATION_OF_AUTOPHAGY
                                                                                                                                             GOMF_PHOSPHOPROTEIN_BINDING, GOMF_PHOSPHOPROTEIN_BINDING
                                                                                                                                            MARIADASON_REGULATED_BY_HISTONE_ACETYLATION_DN, MARIADASON_REGULATED_BY_HISTONE_ACETYLATION_DN
                                                                                                                                             MIR6893_3P, MIR6893_3P
                                                                                                                                            FONTAINE_FOLLICULAR_THYROID_ADENOMA_UP, FONTAINE_FOLLICULAR_THYROID_ADENOMA_UP
                                                                                                                                            KEGG_PHOSPHATIDYLINOSITOL_SIGNALING_SYSTEM, KEGG_PHOSPHATIDYLINOSITOL_SIGNALING_SYSTEM
                                                                                                                                             MIR550B_3P, MIR550B_3P
                                                                                                                                             MIR4695 5P, MIR4695 5P
                                                                                                                                            GOBP_INTRA_GOLGI_VESICLE_MEDIATED_TRANSPORT, GOBP_INTRA_GOLGI_VESICLE_MEDIATED_TRANSPORT
                                                                                                                                             MIR10397_5P, MIR10397_5P
                                                                                                                                            NELSON_RESPONSE_TO_ANDROGEN_UP, NELSON_RESPONSE_TO_ANDROGEN_UP
                                                                                                                                            MIR4690_5P, MIR4690_5P
                                                                                                                                            MIR3159, MIR3159
                                                                                                                                            KLEIN_PRIMARY_EFFUSION_LYMPHOMA_DN, KLEIN_PRIMARY_EFFUSION_LYMPHOMA_DN
                                                                                                                                            MIR3189_3P, MIR3189_3P
                                                                                                                                            MIR1257, MIR1257
                                                                                                                                            MIR3670, MIR3670
                                                                                                                                            HP_PATELLAR_DISLOCATION, HP_PATELLAR_DISLOCATION
                                                                                                                                            MIR4540, MIR4540
                                                                                                                                            MIR1286, MIR1286
                                                                                                                                            HOELZEL_NF1_TARGETS_DN, HOELZEL_NF1_TARGETS_DN
                                                                                                                                           MIR5699_3P, MIR5699_3P
                                                                                                                                            HP_PULMONARY_ARTERY_STENOSIS, HP_PULMONARY_ARTERY_STENOSIS
                                                                                                                                           KEGG_VASOPRESSIN_REGULATED_WATER_REABSORPTION, KEGG_VASOPRESSIN_REGULATED_WATER_REABSORPTION
                                                                                                                                            EHLERS_ANEUPLOIDY_UP, EHLERS_ANEUPLOIDY_UP
                                                                                                                                           MIR185_3P, MIR185_3P
                                                                                                                                            MEIS1BHOXA9_01, MEIS1BHOXA9_01
                                                                                                                                            CAATGCA MIR33, CAATGCA MIR33
                                                                                                                                            GOCC_MICROBODY_LUMEN, GOCC_MICROBODY_LUMEN
                                                                                                                                           MIR8073, MIR8073
                                                                                                                                            REACTOME_POLYMERASE_SWITCHING_ON_THE_C_STRAND_OF_THE_TELOMERE, REACTOME_POLYMERASE_SWITCHING_ON_THE_C_STRAND_OF_THE_TELOMERE
                                                                                                                                            GOCC_INO80_TYPE_COMPLEX, GOCC_INO80_TYPE_COMPLEX
                                                                                                                                            GOBP_REGULATION_OF_NEURON_DIFFERENTIATION, GOBP_REGULATION_OF_NEURON_DIFFERENTIATION
                                                                                                                                            CHUNG_BLISTER_CYTOTOXICITY_DN, CHUNG_BLISTER_CYTOTOXICITY_DN
                                                                                                                                            GOBP_POSITIVE_REGULATION_OF_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION, GOBP_POSITIVE_REGULATION_OF_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION
                                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_MACROAUTOPHAGY, GOBP_NEGATIVE_REGULATION_OF_MACROAUTOPHAGY
                                                                                                                                            DUAN_PRDM5_TARGETS, DUAN_PRDM5_TARGETS
                                                                                                                                            MIR4522, MIR4522
                                                                                                                                            GTGTCAA_MIR514, GTGTCAA_MIR514
                                                                                                                                            GAANYNYGACNY_UNKNOWN, GAANYNYGACNY_UNKNOWN
                                                                                                                                            HOLLEMAN_VINCRISTINE_RESISTANCE_ALL_UP, HOLLEMAN_VINCRISTINE_RESISTANCE_ALL_UP
                                                                                                                                            GOBP_BLASTOCYST_FORMATION, GOBP_BLASTOCYST_FORMATION
                                                                                                                                            WP_HEDGEHOG_SIGNALING_PATHWAY, WP_HEDGEHOG_SIGNALING_PATHWAY
                                                                                                                                            GOBP_LEARNING, GOBP_LEARNING
                                                                                                                                            MIR4650 5P, MIR4650 5P
                                                                                                                                            SCHEIDEREIT_IKK_INTERACTING_PROTEINS, SCHEIDEREIT_IKK_INTERACTING_PROTEINS
                                                                                                                                            HP_PELVIC_KIDNEY, HP_PELVIC_KIDNEY
                                                                                                                                            WP_TARGET_OF_RAPAMYCIN_TOR_SIGNALING, WP_TARGET_OF_RAPAMYCIN_TOR_SIGNALING
                                                                                                                                            CTCAAGA_MIR526B, CTCAAGA_MIR526B
                                                                                                                                            GOMF_ADENYLYLTRANSFERASE_ACTIVITY, GOMF_ADENYLYLTRANSFERASE_ACTIVITY
                                                                                                                                            HP_INSOMNIA, HP_INSOMNIA
                                                                                                                                            MIR4661_3P, MIR4661_3P
                                                                                                                                            HP URTICARIA, HP URTICARIA
                                                                                                                                            MIR216B 5P, MIR216B 5P
                                                                                                                                            MIR500B_5P, MIR500B_5P
                                                                                                                                            REACTOME SIGNALING BY ERYTHROPOIETIN, REACTOME SIGNALING BY ERYTHROPOIETIN
                                                                                                                                            MIR626, MIR626
                                                                                                                                            MIR4513, MIR4513
                                                                                                                                            HOWLIN_CITED1_TARGETS_1_DN, HOWLIN_CITED1_TARGETS_1_DN
                                                                                                                                            MIR362 5P, MIR362 5P
                                                                                                                                            HALLMARK_NOTCH_SIGNALING, HALLMARK_NOTCH_SIGNALING
                                                                                                                                            GOMF_PHOSPHOTYROSINE_RESIDUE_BINDING, GOMF_PHOSPHOTYROSINE_RESIDUE_BINDING
                                                                                                                                            ZHAN_MULTIPLE_MYELOMA_MF_DN, ZHAN_MULTIPLE_MYELOMA_MF_DN
                                                                                                                                            DORSAM_HOXA9_TARGETS_DN, DORSAM_HOXA9_TARGETS_DN
                                                                                                                                            GOBP_MONOCYTE_DIFFERENTIATION, GOBP_MONOCYTE_DIFFERENTIATION
                                                                                                                                            BARRIER_CANCER_RELAPSE_NORMAL_SAMPLE_UP, BARRIER_CANCER_RELAPSE_NORMAL_SAMPLE_UP
                                                                                                                                            MIR4701_3P, MIR4701_3P
                                                                                                                                            BIOCARTA AKAP13 PATHWAY, BIOCARTA AKAP13 PATHWAY
                                                                                                                                            MIR5591 3P, MIR5591 3P
                                                                                                                                            MIR6855 3P, MIR6855 3P
                                                                                                                                            MIR6736 5P, MIR6736 5P
                                                                                                                                            MIR8071, MIR8071
                                                                                                                                            MIR6846 3P, MIR6846 3P
                                                                                                                                            MIR1262, MIR1262
                                                                                                                                            GOMF_TRANSFERASE_ACTIVITY_TRANSFERRING_ALKYL_OR_ARYL_OTHER_THAN_METHYL_GROUPS, GOMF_TRANSFERASE_ACTIVITY_TRANSFERRING_ALKYL_OR_ARYL_OTHER_THAN_METHYL_GROUPS
                                                                                                                                            REACTOME_TRAFFICKING_OF_AMPA_RECEPTORS, REACTOME_TRAFFICKING_OF_AMPA_RECEPTORS
                                                                                                                                            GOMF_PHOSPHATIDYLINOSITOL_3_4_5_TRISPHOSPHATE_BINDING, GOMF_PHOSPHATIDYLINOSITOL_3_4_5_TRISPHOSPHATE_BINDING
                                                                                                                                            MIR6876 3P, MIR6876 3P
                                                                                                                                             XU_RESPONSE_TO_TRETINOIN_AND_NSC682994_DN, XU_RESPONSE_TO_TRETINOIN_AND_NSC682994_DN
                                                                                                                                             GOMF_LYSOPHOSPHOLIPID_ACYLTRANSFERASE_ACTIVITY, GOMF_LYSOPHOSPHOLIPID_ACYLTRANSFERASE_ACTIVITY
                                                                                                                                            GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION
                                                                                                                                            KEGG_LONG_TERM_DEPRESSION, KEGG_LONG_TERM_DEPRESSION
                                                                                                                                            REACTOME_SYNTHESIS_OF_IP3_AND_IP4_IN_THE_CYTOSOL, REACTOME_SYNTHESIS_OF_IP3_AND_IP4_IN_THE_CYTOSOL
                                                                                                                                            GOBP_REGULATION_OF_CALCIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOBP_REGULATION_OF_CALCIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                                            GOCC_CLATHRIN_COAT_OF_COATED_PIT, GOCC_CLATHRIN_COAT_OF_COATED_PIT
                                                                                                                                            GOBP_NEUTROPHIL_MIGRATION, GOBP_NEUTROPHIL_MIGRATION
                                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_ANION_TRANSMEMBRANE_TRANSPORT, GOBP_NEGATIVE_REGULATION_OF_ANION_TRANSMEMBRANE_TRANSPORT
TANT_NOD2_TRANSDUCED_HEK293T_CELL_DN, GSE22611_UNSTIM_VS_2H_MDP_STIM_MUTANT_NOD2_TRANSDUCED_HEK293T_CELL_DN
                                                                                                                                            HP_PROMINENT_SUPRAORBITAL_RIDGES, HP_PROMINENT_SUPRAORBITAL_RIDGES
                                                                                                                                             MIR873_3P, MIR873_3P
                                                                                                                                            WP_NCRNAS_INVOLVED_IN_WNT_SIGNALING_IN_HEPATOCELLULAR_CARCINOMA, WP_NCRNAS_INVOLVED_IN_WNT_SIGNALING_IN_HEPATOCELLULAR_CARCINOMA
                                                                                                                                            HP_PERIPHERAL_PULMONARY_ARTERY_STENOSIS, HP_PERIPHERAL_PULMONARY_ARTERY_STENOSIS
                                                                                                                                            HP NEUROFIBRILLARY TANGLES, HP NEUROFIBRILLARY TANGLES
                                                                                                                                            GOBP_RETINA_DEVELOPMENT_IN_CAMERA_TYPE_EYE, GOBP_RETINA_DEVELOPMENT_IN_CAMERA_TYPE_EYE
                                                                                                                                            GOMF_LYSOPHOSPHATIDIC_ACID_ACYLTRANSFERASE_ACTIVITY, GOMF_LYSOPHOSPHATIDIC_ACID_ACYLTRANSFERASE_ACTIVITY
                                                                                                                                             HP_CEREBRAL_HAMARTOMA, HP_CEREBRAL_HAMARTOMA
                                                                                                                                            GOBP_PROTEIN_LOCALIZATION_TO_GOLGI_APPARATUS, GOBP_PROTEIN_LOCALIZATION_TO_GOLGI_APPARATUS
                                                                                                                                            HP_ANTINUCLEAR_ANTIBODY_POSITIVITY, HP_ANTINUCLEAR_ANTIBODY_POSITIVITY
                                                                                                                                            MIR6813_5P, MIR6813_5P
                                                                                                                                            GOBP_RECEPTOR_INTERNALIZATION, GOBP_RECEPTOR_INTERNALIZATION
                                                                                                                                            MIR377_5P, MIR377_5P
                                                                                                                                            REACTOME_TYSND1_CLEAVES_PEROXISOMAL_PROTEINS, REACTOME_TYSND1_CLEAVES_PEROXISOMAL_PROTEINS
                                                                                                                                            GOBP_GRANULOCYTE_MIGRATION, GOBP_GRANULOCYTE_MIGRATION
                                                                                                                                           HP_APLASTIC_ANEMIA, HP_APLASTIC_ANEMIA
                                                                                                                                           GOBP_REGULATION_OF_NEUTROPHIL_MIGRATION, GOBP_REGULATION_OF_NEUTROPHIL_MIGRATION
                                                                                                                                            HASLINGER_B_CLL_WITH_11Q23_DELETION, HASLINGER_B_CLL_WITH_11Q23_DELETION
                                                                                                                                            GOBP_INOSITOL_PHOSPHATE_BIOSYNTHETIC_PROCESS, GOBP_INOSITOL_PHOSPHATE_BIOSYNTHETIC_PROCESS
                                                                                                                                            MIR4525, MIR4525
                                                                                                                                            GOBP_POSITIVE_REGULATION_OF_CELL_SUBSTRATE_JUNCTION_ORGANIZATION, GOBP_POSITIVE_REGULATION_OF_CELL_SUBSTRATE_JUNCTION_ORGANIZATION
                                                                                                                                            HP_GINGIVAL_FIBROMATOSIS, HP_GINGIVAL_FIBROMATOSIS
                                                                                                                                            KEGG_HEDGEHOG_SIGNALING_PATHWAY, KEGG_HEDGEHOG_SIGNALING_PATHWAY
                                                                                                                                            MIR6086, MIR6086
                                                                                                                                            SILIGAN_TARGETS_OF_EWS_FLI1_FUSION_DN, SILIGAN_TARGETS_OF_EWS_FLI1_FUSION_DN
                                                                                                                                            BIOCARTA_MYOSIN_PATHWAY, BIOCARTA_MYOSIN_PATHWAY
                                                                                                                                            GOBP_NEUTROPHIL_CHEMOTAXIS, GOBP_NEUTROPHIL_CHEMOTAXIS
                                                                                                                                            PRDM12_TARGET_GENES, PRDM12_TARGET_GENES
                                                                                                                                            GOBP_ORGANELLE_INHERITANCE, GOBP_ORGANELLE_INHERITANCE
                                                                                                                                            MIR4253, MIR4253
                                                                                                                                            GAJATE_RESPONSE_TO_TRABECTEDIN_DN, GAJATE_RESPONSE_TO_TRABECTEDIN_DN
                                                                                                                                            HP_NEOPLASM_OF_THE_PARATHYROID_GLAND, HP_NEOPLASM_OF_THE_PARATHYROID_GLAND
                                                                                                                                            HP_FOCAL_CORTICAL_DYSPLASIA, HP_FOCAL_CORTICAL_DYSPLASIA
                                                                                                                                            WANG RESPONSE TO FORSKOLIN DN, WANG RESPONSE TO FORSKOLIN DN
                                                                                                                                            HP_HASHIMOTO_THYROIDITIS, HP_HASHIMOTO_THYROIDITIS
                                                                                                                                            MIR5010_5P, MIR5010_5P
                                                                                                                                            GOMF_PRENYLTRANSFERASE_ACTIVITY, GOMF_PRENYLTRANSFERASE_ACTIVITY
                                                                                                                                            HALLMARK APICAL SURFACE, HALLMARK APICAL SURFACE
                                                                                                                                            GOBP_GRANULOCYTE_CHEMOTAXIS, GOBP_GRANULOCYTE_CHEMOTAXIS
                                                                                                                                            BIOCARTA_AGPCR_PATHWAY, BIOCARTA_AGPCR_PATHWAY
                                                                                                                                            HP_PARATHYROID_ADENOMA, HP_PARATHYROID_ADENOMA
                                                                                                                                            MIR6862_5P, MIR6862_5P
                                                                                                                                            HP SCROTAL HYPOPLASIA, HP SCROTAL HYPOPLASIA
                                                                                                                                            CAMPS_COLON_CANCER_COPY_NUMBER_DN, CAMPS_COLON_CANCER_COPY_NUMBER_DN
                                                                                                                                            HP_WEAK_VOICE, HP_WEAK_VOICE
                                                                                                                                            GOBP_HEART_TRABECULA_MORPHOGENESIS, GOBP_HEART_TRABECULA_MORPHOGENESIS
                                                                                                                                            MIR1269A_MIR1269B, MIR1269A_MIR1269B
                                                                                                                                            GOCC_DENDRITIC_SHAFT, GOCC_DENDRITIC_SHAFT
                                                                                                                                            GOBP_NEURON_MATURATION, GOBP_NEURON_MATURATION
                                                                                                                                            HP_CHRONIC_FATIGUE, HP_CHRONIC_FATIGUE
                                                                                                                                            HP_AKINESIA, HP_AKINESIA
                                                                                                                                            GOMF ACYLGLYCEROL O ACYLTRANSFERASE ACTIVITY, GOMF ACYLGLYCEROL O ACYLTRANSFERASE ACTIVITY
                                                                                                                                            GOCC_TRANSCRIPTION_EXPORT_COMPLEX, GOCC_TRANSCRIPTION_EXPORT_COMPLEX
                                                                                                                                            SCHAEFFER_PROSTATE_DEVELOPMENT_AND_CANCER_BOX1_UP, SCHAEFFER_PROSTATE_DEVELOPMENT_AND_CANCER_BOX1_UP
                                                                                                                                            GOBP_PHOSPHATIDIC_ACID_METABOLIC_PROCESS, GOBP_PHOSPHATIDIC_ACID_METABOLIC_PROCESS
                                                                                                                                            HP_ALLERGIC_RHINITIS, HP_ALLERGIC_RHINITIS
                                                                                                                                            GOBP_POSITIVE_REGULATION_OF_NEURON_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_NEURON_DIFFERENTIATION
                                                                                                                                           KEGG_ETHER_LIPID_METABOLISM, KEGG_ETHER_LIPID_METABOLISM
                                                                                                                                            MORF BMPR2, MORF BMPR2
                                                                                                                                            MIR4486, MIR4486
                                                                                                                                            GOBP_OXYGEN_HOMEOSTASIS, GOBP_OXYGEN_HOMEOSTASIS
                                                                                                                                            HP_HYPOPIGMENTED_MACULE, HP_HYPOPIGMENTED_MACULE
                                                                                                                                            REACTOME_CREB1_PHOSPHORYLATION_THROUGH_THE_ACTIVATION_OF_ADENYLATE_CYCLASE, REACTOME_CREB1_PHOSPHORYLATION_THROUGH_THE_ACTIVATION_OF_ADENYLATE_CYCLASE
                                                                                                                                            GOBP_POSITIVE_REGULATION_OF_NEUTROPHIL_MIGRATION, GOBP_POSITIVE_REGULATION_OF_NEUTROPHIL_MIGRATION
                                                                                                                                            TURASHVILI_BREAST_NORMAL_DUCTAL_VS_LOBULAR_DN, TURASHVILI_BREAST_NORMAL_DUCTAL_VS_LOBULAR_DN
                                                                                                                                            HP_INTRACTABLE_DIARRHEA, HP_INTRACTABLE_DIARRHEA
                                                                                                                                            GOBP_TRABECULA_FORMATION, GOBP_TRABECULA_FORMATION
                                                                                                                                            HP_TRICHORRHEXIS_NODOSA, HP_TRICHORRHEXIS_NODOSA
                                                                                                                                            GOCC_PRESYNAPTIC_CYTOSOL, GOCC_PRESYNAPTIC_CYTOSOL
                                                                                                                                            HP ABNORMALITY OF THE PARATHYROID MORPHOLOGY, HP ABNORMALITY OF THE PARATHYROID MORPHOLOGY
                                                                                                                                            chr21q21, chr21q21
                                                                                                                                            GOBP_POSITIVE_REGULATION_OF_ATP_METABOLIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_ATP_METABOLIC_PROCESS
                                                                                                                                            HOEGERKORP_CD44_TARGETS_TEMPORAL_UP, HOEGERKORP_CD44_TARGETS_TEMPORAL_UP
                                                                                                                                            HP_ROTARY_NYSTAGMUS, HP_ROTARY_NYSTAGMUS
                                                                                                                                            HP_DECREASED_SERUM_IRON, HP_DECREASED_SERUM_IRON
                                                                                                                                            HP_ABNORMALITY_OF_THE_GASTRIC_MUCOSA, HP_ABNORMALITY_OF_THE_GASTRIC_MUCOSA
                                                                                                                                            GOBP_ACTIVATION_OF_PHOSPHOLIPASE_C_ACTIVITY, GOBP_ACTIVATION_OF_PHOSPHOLIPASE_C_ACTIVITY
                                                                                                                                            HP FRONTAL LOBE DEMENTIA, HP FRONTAL LOBE DEMENTIA
                                                                                                                                             ZNF433_TARGET_GENES, ZNF433_TARGET_GENES
                                                                                                                                            GOBP_REGULATION_OF_NEUTROPHIL_CHEMOTAXIS, GOBP_REGULATION_OF_NEUTROPHIL_CHEMOTAXIS
                                                                                                                                            HARALAMBIEVA_PBMC_FLUARIX_AGE_50_74YO_CORR_WITH_28D_MEM_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PREIJENDIVID_GENE_MODELS_PREIJENDIVID_GENE_MODELS_PREIJENDIVID_GENE_MODELS_PREIJENDIVID_GENE_MODELS_PREIJENDIVID_GENE_MODELS_PREIJENDIVID_GENE_MODELS_PREIJENDIVID_GENE_MODELS_PREIJENDIVID_GENE_MODELS_PREIJENDIVID_GENE_MODELS_PREIJENDIVID_GENE
                                                                                                                                             HP_IRON_ACCUMULATION_IN_BRAIN, HP_IRON_ACCUMULATION_IN_BRAIN
                                                                                                                                             GCGCCTT MIR525 MIR524, GCGCCTT MIR525 MIR524
                                                                                                                                             BIOCARTA_CBL_PATHWAY, BIOCARTA_CBL_PATHWAY
                                                                                                                                             REACTOME PHYSIOLOGICAL FACTORS, REACTOME PHYSIOLOGICAL FACTORS
                                                                                                                                             GOBP_EMBRYONIC_RETINA_MORPHOGENESIS_IN_CAMERA_TYPE_EYE, GOBP_EMBRYONIC_RETINA_MORPHOGENESIS_IN_CAMERA_TYPE_EYE
                                                                                                                                             REACTOME_CD28_DEPENDENT_VAV1_PATHWAY, REACTOME_CD28_DEPENDENT_VAV1_PATHWAY
                                                                                                                                             REACTOME_TRAFFICKING_OF_GLUR2_CONTAINING_AMPA_RECEPTORS, REACTOME_TRAFFICKING_OF_GLUR2_CONTAINING_AMPA_RECEPTORS
                                                                                                                                            BIOCARTA_ION_PATHWAY, BIOCARTA_ION_PATHWAY
                                                                                                                                            GOBP_MYOSIN_FILAMENT_ORGANIZATION, GOBP_MYOSIN_FILAMENT_ORGANIZATION
                                                                                                                                            NIKOLSKY BREAST CANCER 5P15 AMPLICON, NIKOLSKY BREAST CANCER 5P15 AMPLICON
                                                                                                                                            GSE37532_VISCERAL_ADIPOSE_TISSUE_VS_LN_DERIVED_TCONV_CD4_TCELL_UP, GSE37532_VISCERAL_ADIPOSE_TISSUE_VS_LN_DERIVED_TCONV_CD4_TCELL_UP
                                                                                                                                            GOMF_TRANSFORMING_GROWTH_FACTOR_BETA_RECEPTOR_BINDING, GOMF_TRANSFORMING_GROWTH_FACTOR_BETA_RECEPTOR_BINDING
                                                                                                                                             GOMF_GTPASE_ACTIVATING_PROTEIN_BINDING, GOMF_GTPASE_ACTIVATING_PROTEIN_BINDING
                                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_LONG_TERM_SYNAPTIC_POTENTIATION, GOBP_NEGATIVE_REGULATION_OF_LONG_TERM_SYNAPTIC_POTENTIATION
                                                                                                                                             HP_CAMPTODACTYLY_OF_TOE, HP_CAMPTODACTYLY_OF_TOE
                                                                                                                                             REACTOME_METHYLATION, REACTOME_METHYLATION
                                                                                                                                            HP_RESTLESS_LEGS, HP_RESTLESS_LEGS
                                                                                                                                            GOCC_CALYX_OF_HELD, GOCC_CALYX_OF_HELD
                                                                                                                                             BIOCARTA CK1 PATHWAY, BIOCARTA CK1 PATHWAY
                                                                                                                                            GOCC_INTRINSIC_COMPONENT_OF_THE_CYTOPLASMIC_SIDE_OF_THE_PLASMA_MEMBRANE, GOCC_INTRINSIC_COMPONENT_OF_THE_CYTOPLASMIC_SIDE_OF_THE_PLASMA_MEMBRANE
                                                                                                                                            GOBP_CELLULAR_RESPONSE_TO_MANGANESE_ION, GOBP_CELLULAR_RESPONSE_TO_MANGANESE_ION
                                                                                                                                             MODULE 417, MODULE 417
                                                                                                                                            HP_ABNORMALITY_OF_URINE_CALCIUM_CONCENTRATION, HP_ABNORMALITY_OF_URINE_CALCIUM_CONCENTRATION
                                                                                                                                            HP_PHYSICAL_URTICARIA, HP_PHYSICAL_URTICARIA
                                                                                                                                            GOMF_DEATH_DOMAIN_BINDING, GOMF_DEATH_DOMAIN_BINDING
                                                                                                                                            HP_COMMON_ATRIUM, HP_COMMON_ATRIUM
                                                                                                                                            WP_MACROPHAGE_MARKERS, WP_MACROPHAGE_MARKERS
                                                                                                                                             REACTOME_TRIF_MEDIATED_PROGRAMMED_CELL_DEATH, REACTOME_TRIF_MEDIATED_PROGRAMMED_CELL_DEATH
                                                                                                                                            GOCC_DEATH_INDUCING_SIGNALING_COMPLEX, GOCC_DEATH_INDUCING_SIGNALING_COMPLEX
                                                                                                                                            LOPEZ_MESOTHELIOMA_SURVIVAL_WORST_VS_BEST_DN, LOPEZ_MESOTHELIOMA_SURVIVAL_WORST_VS_BEST_DN
                                                                                                                                            REACTOME_ERYTHROPOIETIN_ACTIVATES_PHOSPHOLIPASE_C_GAMMA_PLCG, REACTOME_ERYTHROPOIETIN_ACTIVATES_PHOSPHOLIPASE_C_GAMMA_PLCG
                                                                                                                                            GOBP_NEGATIVE_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY
                                                                                                                                             HP_FACIAL_TELANGIECTASIA, HP_FACIAL_TELANGIECTASIA
                                                                                                                                             chr16q23, chr16q23
                                                                                                                                            GOBP_POSITIVE_REGULATION_OF_GLYCOLYTIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_GLYCOLYTIC_PROCESS
                                                                                                                                            TAKAYAMA_BOUND_BY_AR, TAKAYAMA_BOUND_BY_AR
                                                                                                                                            GOBP_POSITIVE_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_CELL_DEATH, GOBP_POSITIVE_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_CELL_DEATH
                                                                                                                                            HP_CUTANEOUS_CYST, HP_CUTANEOUS_CYST
                                                                                                                                            GOBP_HEMOGLOBIN_BIOSYNTHETIC_PROCESS, GOBP_HEMOGLOBIN_BIOSYNTHETIC_PROCESS
                                                                                                                                            GOBP_VISUAL_BEHAVIOR, GOBP_VISUAL_BEHAVIOR
                                                                                                                                            GOBP_IMMUNOLOGICAL_MEMORY_FORMATION_PROCESS, GOBP_IMMUNOLOGICAL_MEMORY_FORMATION_PROCESS
                                                                                                                                            MORF_IL4, MORF_IL4
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GSE25123_CTRL_VS_IL4_STIM_MACROPHAGE_UP, GSE25123_CTRL_VS_IL4_STIM_MACROPHAGE_UP

GOBP_GOLGI_ORGANIZATION, GOBP_GOLGI_ORGANIZATION

ACACTGG_MIR199A_MIR199B, ACACTGG_MIR199A_MIR199B

GSE32901_NAIVE_VS_TH17_ENRICHED_CD4_TCELL_DN, GSE32901_NAIVE_VS_TH17_ENRICHED_CD4_TCELL_DN