```
GCM_RAN, GCM_RAN
                           GCM_UBE2N, GCM_UBE2N
                            GCM_GSPT1, GCM_GSPT1
                            GSE37416_0H_VS_12H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_12H_F_TULARENSIS_LVS_NEUTROPHIL_DN
                            GCM_MAP4K4, GCM_MAP4K4
                           GCM_DFFA, GCM_DFFA
                           GSE39022_LN_VS_SPLEEN_DC_DN, GSE39022_LN_VS_SPLEEN_DC_DN
                           GCM_ZNF198, GCM_ZNF198
                           GCM_PTK2, GCM_PTK2
                           GSE46025_WT_VS_FOXO1_KO_KLRG1_LOW_CD8_EFFECTOR_TCELL_DN, GSE46025_WT_VS_FOXO1_KO_KLRG1_LOW_CD8_EFFECTOR_TCELL_DN
                            GSE4590_PRE_BCELL_VS_LARGE_PRE_BCELL_DN, GSE4590_PRE_BCELL_VS_LARGE_PRE_BCELL_DN
                            GOBP_PROTEIN_ACETYLATION, GOBP_PROTEIN_ACETYLATION
                            GCM_NCAM1, GCM_NCAM1
                            MIR371A_5P, MIR371A_5P
                           MIR6768_5P, MIR6768_5P
                           MIR548AV_3P, MIR548AV_3P
                           GSE20151_CTRL_VS_FUSOBACT_NUCLEATUM_NEUTROPHIL_DN, GSE20151_CTRL_VS_FUSOBACT_NUCLEATUM_NEUTROPHIL_DN
                           MIR888_3P, MIR888_3P
                           HP_SINGLE_TRANSVERSE_PALMAR_CREASE, HP_SINGLE_TRANSVERSE_PALMAR_CREASE
                           HP_HIGHLY_ARCHED_EYEBROW, HP_HIGHLY_ARCHED_EYEBROW
                           HP_WIDE_MOUTH, HP_WIDE_MOUTH
                            GSE29617_CTRL_VS_DAY3_TIV_FLU_VACCINE_PBMC_2008_UP, GSE29617_CTRL_VS_DAY3_TIV_FLU_VACCINE_PBMC_2008_UP
                           GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN, GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN
                           GCM_RBM8A, GCM_RBM8A
                           HP_DELAYED_ABILITY_TO_WALK, HP_DELAYED_ABILITY_TO_WALK
                           GCM_CALM1, GCM_CALM1
                            GCM_BMPR2, GCM_BMPR2
                            GCM_SUFU, GCM_SUFU
                            MIR187_5P, MIR187_5P
                            MIR150_5P, MIR150_5P
                            GAGCTGG_MIR337, GAGCTGG_MIR337
                            TTGGAGA_MIR5155P_MIR519E, TTGGAGA_MIR5155P_MIR519E
                            MIR4773, MIR4773
                            MIR5690, MIR5690
                            MODULE_182, MODULE_182
                            TCATCTC_MIR143, TCATCTC_MIR143
                            GSE26488_HDAC7_KO_VS_VP16_TRANSGENIC_HDAC7_KO_DOUBLE_POSITIVE_THYMOCYTE_UP, GSE26488_HDAC7_KO_VS_VP16_TRANSGENIC_HDAC7_KO_DOUBLE_POSITIVE_THYMOCYTE_UP
                            MIR6513_3P, MIR6513_3P
                            GACAATC_MIR219, GACAATC_MIR219
                            GAGCCAG_MIR149, GAGCCAG_MIR149
                            MIR6757_3P, MIR6757_3P
                            MIR10526_3P, MIR10526_3P
                           HP_HIP_DYSPLASIA, HP_HIP_DYSPLASIA
                            MIR6768_3P, MIR6768_3P
                            GCM_CRKL, GCM_CRKL
                            HP_SMOOTH_PHILTRUM, HP_SMOOTH_PHILTRUM
                            MIR6740_3P, MIR6740_3P
                            AACTGAC_MIR223, AACTGAC_MIR223
                            BOYAULT_LIVER_CANCER_SUBCLASS_G1_UP, BOYAULT_LIVER_CANCER_SUBCLASS_G1_UP
                            HP_ABNORMALITY_OF_THE_HALLUX, HP_ABNORMALITY_OF_THE_HALLUX
                            MIR630, MIR630
                           MIR19A_5P, MIR19A_5P
                            MIR19B_1_5P_MIR19B_2_5P, MIR19B_1_5P_MIR19B_2_5P
                            GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_DEPENDENT_DECAY, GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_DEPENDENT_DECAY
                            MIR4667_3P, MIR4667_3P
                            MIR622, MIR622
                            HP_BLEPHAROPHIMOSIS, HP_BLEPHAROPHIMOSIS
                            MIR376C_3P, MIR376C_3P
                            TNCATNTCCYR_UNKNOWN, TNCATNTCCYR_UNKNOWN
                            GCM_PTPRD, GCM_PTPRD
                            MIR3128, MIR3128
                            MIR4499, MIR4499
                            MIR512_3P, MIR512_3P
                            MODULE_323, MODULE_323
                            MIR4999_5P, MIR4999_5P
                            MIR633, MIR633
                            AGGAAGC_MIR5163P, AGGAAGC_MIR5163P
                            GSE13887_HEALTHY_VS_LUPUS_RESTING_CD4_TCELL_DN, GSE13887_HEALTHY_VS_LUPUS_RESTING_CD4_TCELL_DN
                           WP_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY, WP_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY
                            ACTGCAG_MIR173P, ACTGCAG_MIR173P
                            MIR4728_3P, MIR4728_3P
                            HUANG_DASATINIB_RESISTANCE_DN, HUANG_DASATINIB_RESISTANCE_DN
                            GENTILE_RESPONSE_CLUSTER_D3, GENTILE_RESPONSE_CLUSTER_D3
                            MIR5681A, MIR5681A
                            MIR17_3P, MIR17_3P
                            MIR1237_3P, MIR1237_3P
                            MIR1179, MIR1179
                           GCM_MAP1B, GCM_MAP1B
                            MIR383_3P, MIR383_3P
                           GCM_BAG5, GCM_BAG5
                           CAATGCA_MIR33, CAATGCA_MIR33
                            CCAWNWWNNNGGC_UNKNOWN, CCAWNWWNNNGGC_UNKNOWN
                            GOBP_STEROID_HORMONE_MEDIATED_SIGNALING_PATHWAY, GOBP_STEROID_HORMONE_MEDIATED_SIGNALING_PATHWAY
                            GSE37534_PIOGLITAZONE_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_FOXP3_TRANSDUCED_DN, GSE37534_PIOGLITAZONE_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_FOXP3_TRANSDUCED_DN
                            MIR7161_3P, MIR7161_3P
                            VERHAAK_GLIOBLASTOMA_PRONEURAL, VERHAAK_GLIOBLASTOMA_PRONEURAL
                            HP_ABNORMAL_SHAPE_OF_THE_OCCIPUT, HP_ABNORMAL_SHAPE_OF_THE_OCCIPUT
                            MIR628_3P, MIR628_3P
                            MIR548AT_3P, MIR548AT_3P
                            MIR3682_5P, MIR3682_5P
                            MIR4534, MIR4534
                            MIR3187_3P, MIR3187_3P
                            HP_SYNOSTOSIS_OF_JOINTS, HP_SYNOSTOSIS_OF_JOINTS
                            HP_OBSESSIVE_COMPULSIVE_BEHAVIOR, HP_OBSESSIVE_COMPULSIVE_BEHAVIOR
                            CCCAGAG_MIR326, CCCAGAG_MIR326
                            AAGGGAT_MIR188, AAGGGAT_MIR188
                            MIR548AY_3P, MIR548AY_3P
                            MIR3074_3P, MIR3074_3P
                            MIR4473, MIR4473
                            GSE34156_NOD2_LIGAND_VS_TLR1_TLR2_LIGAND_24H_TREATED_MONOCYTE_UP, GSE34156_NOD2_LIGAND_VS_TLR1_TLR2_LIGAND_24H_TREATED_MONOCYTE_UP
                           WP_THERMOGENESIS, WP_THERMOGENESIS
                            GOBP_RNA_DESTABILIZATION, GOBP_RNA_DESTABILIZATION
                            MIR6868_5P, MIR6868_5P
                            MIR7109_5P, MIR7109_5P
                            MIR127_5P, MIR127_5P
                            GOBP_DENDRITE_MORPHOGENESIS, GOBP_DENDRITE_MORPHOGENESIS
                            MIR892A, MIR892A
                           HP_SPEECH_APRAXIA, HP_SPEECH_APRAXIA
                           HP_NASAL_SPEECH, HP_NASAL_SPEECH
                            ATF6_01, ATF6_01
                            MIR1260A MIR1260B, MIR1260A MIR1260B
                           GCM_RAP2A, GCM_RAP2A
                           MIR6858_5P, MIR6858_5P
                            MIR384, MIR384
                            GOBP_PROTEIN_K48_LINKED_DEUBIQUITINATION, GOBP_PROTEIN_K48_LINKED_DEUBIQUITINATION
                            MIR6851_5P, MIR6851_5P
                           GOBP_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY, GOBP_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY
                            MIR4704_5P, MIR4704_5P
                            MIR3622A_3P_MIR3622B_3P, MIR3622A_3P_MIR3622B_3P
                            MIR6514_3P, MIR6514_3P
                            PBX1_02, PBX1_02
                           HP_RETINAL_ATROPHY, HP_RETINAL_ATROPHY
                           MIR3121_5P, MIR3121_5P
                           HP_ABNORMAL_SHOULDER_MORPHOLOGY, HP_ABNORMAL_SHOULDER_MORPHOLOGY
                           GTGTCAA_MIR514, GTGTCAA_MIR514
I MYST2, GCM MYST2
                           HP_BROAD_LONG_BONES, HP_BROAD_LONG_BONES
                            MIR4777_5P, MIR4777_5P
                            MIR6783_5P, MIR6783_5P
                            HP_SYNOSTOSIS_INVOLVING_BONES_OF_THE_UPPER_LIMBS, HP_SYNOSTOSIS_INVOLVING_BONES_OF_THE_UPPER_LIMBS
                            MIR3689D, MIR3689D
                            MIR873_3P, MIR873_3P
                            MIR6733_3P, MIR6733_3P
                            HP_ABSENT_TOE, HP_ABSENT_TOE
                            MIR6762_3P, MIR6762_3P
                            MIR10397_5P, MIR10397_5P
                            MIR3155A_MIR3155B, MIR3155A_MIR3155B
                            HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_PYRAMIDAL_TRACT, HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_PYRAMIDAL_TRACT
                           HP_DOWN_SLOPING_SHOULDERS, HP_DOWN_SLOPING_SHOULDERS
                            HP_ABNORMALITY_OF_THE_SCROTUM, HP_ABNORMALITY_OF_THE_SCROTUM
                            MIR4433B_5P, MIR4433B_5P
                            MIR335_5P, MIR335_5P
                            MIR4722_5P, MIR4722_5P
                            TCTCTCC_MIR185, TCTCTCC_MIR185
                            HP_APLASIA_HYPOPLASIA_OF_THE_PATELLA, HP_APLASIA_HYPOPLASIA_OF_THE_PATELLA
                            MIR4428, MIR4428
                            HP_AORTIC_ROOT_ANEURYSM, HP_AORTIC_ROOT_ANEURYSM
                            MIR3152_5P, MIR3152_5P
                            MIR1288_5P, MIR1288_5P
                            MIR4663, MIR4663
                            GCM_PPM1D, GCM_PPM1D
                            AR_Q2, AR_Q2
                            HP_CHRONIC_CONSTIPATION, HP_CHRONIC_CONSTIPATION
                            FARMER_BREAST_CANCER_CLUSTER_5, FARMER_BREAST_CANCER_CLUSTER_5
                            MIR8064, MIR8064
                           HP_PAPILLEDEMA, HP_PAPILLEDEMA
                            HP_TOE_CLINODACTYLY, HP_TOE_CLINODACTYLY
                            MIR4436B_3P, MIR4436B_3P
                            GCM_CSNK1D, GCM_CSNK1D
                            MIR154_5P, MIR154_5P
                            GOBP_NUCLEAR_TRANSCRIBED_MRNA_POLY_A_TAIL_SHORTENING, GOBP_NUCLEAR_TRANSCRIBED_MRNA_POLY_A_TAIL_SHORTENING
                            HP_RECEPTIVE_LANGUAGE_DELAY, HP_RECEPTIVE_LANGUAGE_DELAY
                            GOBP_REGULATION_OF_DENDRITE_DEVELOPMENT, GOBP_REGULATION_OF_DENDRITE_DEVELOPMENT
                            MIR484, MIR484
                           MIR6879_5P, MIR6879_5P
                            HP_WIDELY_SPACED_TEETH, HP_WIDELY_SPACED_TEETH
                           GOBP_P_BODY_ASSEMBLY, GOBP_P_BODY_ASSEMBLY
                            MIR6735_5P, MIR6735_5P
                            MIR6731_3P, MIR6731_3P
                            MIR6781_3P, MIR6781_3P
                            MIR370_5P, MIR370_5P
                            MIR6811_5P, MIR6811_5P
                            MIR6727_3P, MIR6727_3P
                           CCATCCA_MIR432, CCATCCA_MIR432
                            MIR27B_5P, MIR27B_5P
                            MIR3617_3P, MIR3617_3P
                            MIR6511B_5P, MIR6511B_5P
                            MIR323B_3P, MIR323B_3P
                            HP BROAD FINGER, HP BROAD FINGER
                            GOMF_MRNA_3_UTR_AU_RICH_REGION_BINDING, GOMF_MRNA_3_UTR_AU_RICH_REGION_BINDING
                            PARK HSC MARKERS, PARK HSC MARKERS
                            MIR7843_5P, MIR7843_5P
                            MIR1178_3P, MIR1178_3P
                            HP_HIGH_ANTERIOR_HAIRLINE, HP_HIGH_ANTERIOR_HAIRLINE
                            MIR8077, MIR8077
                            HP ABNORMALITY OF PERIAURICULAR REGION, HP ABNORMALITY OF PERIAURICULAR REGION
                            GOBP_PROTEIN_DEMANNOSYLATION, GOBP_PROTEIN_DEMANNOSYLATION
                            HP_BROAD_THUMB, HP_BROAD_THUMB
                            HP_RELATIVE_MACROCEPHALY, HP_RELATIVE_MACROCEPHALY
                            MIR645, MIR645
                            MIR3935, MIR3935
                            GROSS HYPOXIA VIA ELK3 ONLY UP, GROSS HYPOXIA VIA ELK3 ONLY UP
                            EVI1_05, EVI1_05
                            HP_TRACHEOMALACIA, HP_TRACHEOMALACIA
                            GSE28237_EARLY_VS_LATE_GC_BCELL_UP, GSE28237_EARLY_VS_LATE_GC_BCELL_UP
                            HP_ABNORMALITY_OF_INCISOR_MORPHOLOGY, HP_ABNORMALITY_OF_INCISOR_MORPHOLOGY
                            MIR4633_3P_MIR6500_5P, MIR4633_3P_MIR6500_5P
                            HP_IMPAIRED_TANDEM_GAIT, HP_IMPAIRED_TANDEM_GAIT
                            WORSCHECH_TUMOR_REJECTION_DN, WORSCHECH_TUMOR_REJECTION_DN
                            GCM_CASP2, GCM_CASP2
                            HP_PATELLAR_APLASIA, HP_PATELLAR_APLASIA
                            MIR6819 5P, MIR6819 5P
                            MIR3945, MIR3945
                            WP MECP2 AND ASSOCIATED RETT SYNDROME, WP MECP2 AND ASSOCIATED RETT SYNDROME
                            MIR12115, MIR12115
                            GTAAGAT MIR200A, GTAAGAT MIR200A
                            WP WNT SIGNALING PATHWAY AND PLURIPOTENCY, WP WNT SIGNALING PATHWAY AND PLURIPOTENCY
                            MIR6864_5P, MIR6864_5P
                            GOBP ENDOPLASMIC RETICULUM MANNOSE TRIMMING, GOBP ENDOPLASMIC RETICULUM MANNOSE TRIMMING
                            MIR6737_5P, MIR6737_5P
                            MIR6845_5P, MIR6845_5P
                            GOBP_EMBRYONIC_CAMERA_TYPE_EYE_DEVELOPMENT, GOBP_EMBRYONIC_CAMERA_TYPE_EYE_DEVELOPMENT
                            MIR1182, MIR1182
                            GOBP_GLUCAN_BIOSYNTHETIC_PROCESS, GOBP_GLUCAN_BIOSYNTHETIC_PROCESS
                            HP_ORTHOSTATIC_HYPOTENSION, HP_ORTHOSTATIC_HYPOTENSION
                            GOBP_REGULATION_OF_DENDRITE_MORPHOGENESIS, GOBP_REGULATION_OF_DENDRITE_MORPHOGENESIS
                            MIR2392, MIR2392
                            HP_ABNORMALITY_OF_THE_AUDITORY_CANAL, HP_ABNORMALITY_OF_THE_AUDITORY_CANAL
                            HP_ABNORMALITY_OF_FIBULA_MORPHOLOGY, HP_ABNORMALITY_OF_FIBULA_MORPHOLOGY
                           BROWNE_HCMV_INFECTION_4HR_UP, BROWNE_HCMV_INFECTION_4HR_UP
                            HP_PEDAL_EDEMA, HP_PEDAL_EDEMA
                            MIR1293, MIR1293
                            MIR3622B_5P, MIR3622B_5P
                            HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_CORTICOSPINAL_TRACT, HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_CORTICOSPINAL_TRACT
                            MIR6762_5P, MIR6762_5P
                           HP_APLASIA_HYPOPLASIA_OF_THE_HALLUX, HP_APLASIA_HYPOPLASIA_OF_THE_HALLUX
                           GOBP_RNA_DECAPPING, GOBP_RNA_DECAPPING
                            REACTOME_MATURATION_OF_NUCLEOPROTEIN, REACTOME_MATURATION_OF_NUCLEOPROTEIN
                           GOBP_HISTONE_H3_K36_METHYLATION, GOBP_HISTONE_H3_K36_METHYLATION
                            GOBP_DEADENYLATION_DEPENDENT_DECAPPING_OF_NUCLEAR_TRANSCRIBED_MRNA, GOBP_DEADENYLATION_DEPENDENT_DECAPPING_OF_NUCLEAR_TRANSCRIBED_MRNA
                            HP_LARYNGOMALACIA, HP_LARYNGOMALACIA
                            MIR4301, MIR4301
                           TAAYNRNNTCC_UNKNOWN, TAAYNRNNTCC_UNKNOWN
                           GOBP_RESPONSE_TO_NERVE_GROWTH_FACTOR, GOBP_RESPONSE_TO_NERVE_GROWTH_FACTOR
                            MIR8056, MIR8056
                           MIR5195_5P, MIR5195_5P
                           GOBP_REGULATION_OF_NEURON_DIFFERENTIATION, GOBP_REGULATION_OF_NEURON_DIFFERENTIATION
                            GOBP_REGULATION_OF_NUCLEAR_TRANSCRIBED_MRNA_POLY_A_TAIL_SHORTENING, GOBP_REGULATION_OF_NUCLEAR_TRANSCRIBED_MRNA_POLY_A_TAIL_SHORTENING
                            GOMF_POLY_A_SPECIFIC_RIBONUCLEASE_ACTIVITY, GOMF_POLY_A_SPECIFIC_RIBONUCLEASE_ACTIVITY
                            GOCC_CYTOPLASMIC_UBIQUITIN_LIGASE_COMPLEX, GOCC_CYTOPLASMIC_UBIQUITIN_LIGASE_COMPLEX
                            MIR5586_3P, MIR5586_3P
                            SCHAEFFER_PROSTATE_DEVELOPMENT_AND_CANCER_BOX1_UP, SCHAEFFER_PROSTATE_DEVELOPMENT_AND_CANCER_BOX1_UP
                            REACTOME_DEX_H_BOX_HELICASES_ACTIVATE_TYPE_I_IFN_AND_INFLAMMATORY_CYTOKINES_PRODUCTION, REACTOME_DEX_H_BOX_HELICASES_ACTIVATE_TYPE_I_IFN_AND_INFLAMMATORY_CYTOKINES_PRODUCTION
                            BIOCARTA_ALK_PATHWAY, BIOCARTA_ALK_PATHWAY
                            GOBP_EMBRYONIC_CAMERA_TYPE_EYE_MORPHOGENESIS, GOBP_EMBRYONIC_CAMERA_TYPE_EYE_MORPHOGENESIS
                           GOBP_PROTEIN_K11_LINKED_DEUBIQUITINATION, GOBP_PROTEIN_K11_LINKED_DEUBIQUITINATION
                            HP_SEVERE_EXPRESSIVE_LANGUAGE_DELAY, HP_SEVERE_EXPRESSIVE_LANGUAGE_DELAY
                            GOCC_NPBAF_COMPLEX, GOCC_NPBAF_COMPLEX
                           GOBP_OPTIC_CUP_MORPHOGENESIS_INVOLVED_IN_CAMERA_TYPE_EYE_DEVELOPMENT, GOBP_OPTIC_CUP_MORPHOGENESIS_INVOLVED_IN_CAMERA_TYPE_EYE_DEVELOPMENT
                            HP_CAPILLARY_MALFORMATION, HP_CAPILLARY_MALFORMATION
                            WP_THE_OVERLAP_BETWEEN_SIGNAL_TRANSDUCTION_PATHWAYS_THAT_CONTRIBUTE_TO_A_RANGE_OF_LMNA_LAMINOPATHIES, WP_THE_OVERLAP_BETWEEN_SIGNAL_TRANSDUCTION_PATHWAYS_THAT_CONTRIBUTE_TO_A_RANGE_OF
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GOBP_REGULATION_OF_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_DEPENDENT_DECAY, GOBP_REGULATION_OF_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_DEPENDENT_DECAY

GOBP_HISTONE_H3_K9_DEMETHYLATION, GOBP_HISTONE_H3_K9_DEMETHYLATION

GCM_RAB10, GCM_RAB10

GCM_MLL, GCM_MLL