

	GSE7852_LN_VS_FAT_TREG_UP, GSE7852_LN_VS_FAT_TREG_UP PYEON_CANCER_HEAD_AND_NECK_VS_CERVICAL_UP, PYEON_CANCER_HEAD_AND_NECK_VS_CERVICAL_UP GSE39820_CTRL_VS_TGFBETA1_IL6_IL23A_CD4_TCELL_UP, GSE39820_CTRL_VS_TGFBETA1_IL6_IL23A_CD4_TCELL_UP GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_48H_DN, GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_48H_DN GSE40277_GATA1_AND_SATB1_TRANSDUCED_VS_CTRL_CD4_TCELL_DN, GSE40277_GATA1_AND_SATB1_TRANSDUCED_VS_CTRL_CD4_TCELL_DN GSE39820_CTRL_VS_IL1B_IL6_CD4_TCELL_UP, GSE39820_CTRL_VS_IL1B_IL6_CD4_TCELL_UP GSE11961_FOLLICULAR_BCELL_VS_MEMORY_BCELL_DAY7_DN, GSE11961_FOLLICULAR_BCELL_VS_MEMORY_BCELL_DAY7_DN GSE39820_CTRL_VS_IL1B_IL6_IL23A_CD4_TCELL_UP, GSE39820_CTRL_VS_IL1B_IL6_IL23A_CD4_TCELL_UP GSE19941_UNSTIM_VS_LPS_STIM_IL10_KO_MACROPHAGE_DN, GSE19941_UNSTIM_VS_LPS_STIM_IL10_KO_MACROPHAGE_DN GSE15330_HSC_VS_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_IKAROS_KO_UP, GSE15330_HSC_VS_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_IKAROS_KO_UP GSE3039_B2_VS_B1_BCELL_UP, GSE3039_B2_VS_B1_BCELL_UP GSE13493_CD4INTCD8POS_VS_CD8POS_THYMOCYTE_UP, GSE13493_CD4INTCD8POS_VS_CD8POS_THYMOCYTE_UP GSE45365_NK_CELL_VS_BCELL_UP, GSE45365_NK_CELL_VS_BCELL_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 BENPORATH_NOS_TARGETS, BENPORATH_NOS_TARGETS GSE20366_TREG_VS_TCONV_DN, GSE20366_TREG_VS_TCONV_DN GSE339_CD8POS_VS_CD4CD8DN_DC_IN_CULTURE_DN, GSE339_CD8POS_VS_CD4CD8DN_DC_IN_CULTURE_DN GSE17721_0.5H_VS_12H_CPG_BMDC_DN, GSE17721_0.5H_VS_12H_CPG_BMDC_DN GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_6H_DN, GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_6H_DN GSE23502_BM_VS_COLON_TUMOR_MYELOID_DERIVED_SUPPRESSOR_CELL_DN, GSE23502_BM_VS_COLON_TUMOR_MYELOID_DERIVED_SUPPRESSOR_CELL_DN GSE40274_FOXP3_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN MIR12131, MIR12131 GSE23321_CENTRAL_VS_EFFECTOR_MEMORY_CD8_TCELL_UP, GSE23321_CENTRAL_VS_EFFECTOR_MEMORY_CD8_TCELL_UP MIR548AU_3P, MIR548AU_3P LAKE_ADULT_KIDNEY_C22_ENDOTHELIAL_CELLS_GLOMERULAR_CAPILLARIES, LAKE_ADULT_KIDNEY_C22_ENDOTHELIAL_CELLS_GLOMERULAR_CAPILLARIES GSE29949_CD8_POS_DC_SPLEEN_VS_MONOCYTE_BONE_MARROW_DN, GSE29949_CD8_POS_DC_SPLEEN_VS_MONOCYTE_BONE_MARROW_DN MIR5579_3P, MIR5579_3P MIR593_5P, MIR593_5P GSE23505_UNTREATED_VS_4DAY_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP, GSE23505_UNTREATED_VS_4DAY_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP REACTOME_NUCLEAR_ENVELOPE_BREAKDOWN, REACTOME_NUCLEAR_ENVELOPE_BREAKDOWN CAGCAGG_MIR370, CAGCAGG_MIR370 CERY_CEBP_TARGETS, CERY_CEBP_TARGETS MIR548BA, MIR548BA GSE14415_FOXP3_KO_NATURAL_TREG_VS_TCONV_UP, GSE14415_FOXP3_KO_NATURAL_TREG_VS_TCONV_UP MIR548AG, MIR548AG MIR548AL_MIR570_5P, MIR548AL_MIR570_5P MIR606, MIR606 MIR103A_2_5P, MIR103A_2_5P MIR548S, MIR548S AGGTGCA_MIR500, AGGTGCA_MIR500 MIR103A_1_5P, MIR103A_1_5P GOMF_METHYLATED_HISTONE_BINDING, GOMF_METHYLATED_HISTONE_BINDING MIR6814_5P, MIR6814_5P MIR4699_5P, MIR4699_5P MIR200A_5P, MIR200A_5P MIR200B_5P, MIR200B_5P MIR4711_5P, MIR4711_5P MIR8070, MIR8070 MIR505_3P, MIR505_3P MIR4659B_5P, MIR4659B_5P MIR548V, MIR548V MIR1224_3P, MIR1224_3P WP_ECTODERM_DIFFERENTIATION, WP_ECTODERM_DIFFERENTIATION MIR190A_5P, MIR190A_5P MIR190B_5P, MIR190B_5P HP_UNUSUAL_INFECTION_BY_ANATOMICAL_SITE, HP_UNUSUAL_INFECTION_BY_ANATOMICAL_SITE MIR4709_5P, MIR4709_5P MIR5007_3P, MIR5007_3P MIR6750_3P, MIR6750_3P KIM_GERMINAL_CENTER_T_HELPER_UP, KIM_GERMINAL_CENTER_T_HELPER_UP MIR892B, MIR892B MIR3913_5P, MIR3913_5P MIR6883_3P, MIR6883_3P SMIRNOV_RESPONSE_TO_IR_2HR_UP, SMIRNOV_RESPONSE_TO_IR_2HR_UP MIR574_5P, MIR574_5P MIR6892_3P, MIR6892_3P MIR2276_5P, MIR2276_5P MIR3618, MIR3618 HP_MENINGITIS, HP_MENINGITIS MIR3183, MIR3183 YTAATTA_LHX3_D1, YTAATTA_LHX3_D1 HP_CACHEXIA, HP_CACHEXIA PIAS4_TARGET_GENES, PIAS4_TARGET_GENES MIR4723_3P, MIR4723_3P GOBP_SOMATIC_RECOMBINATION_OF_IMMUNOGLOBULIN_GENE_SEGMENTS, GOBP_SOMATIC_RECOMBINATION_OF_IMMUNOGLOBULIN_GENE_SEGMENTS MIR6826_5P, MIR6826_5P MIR6769B_3P, MIR6769B_3P MIR7112_3P, MIR7112_3P MIR6779_3P, MIR6779_3P MIR4659A_5P, MIR4659A_5P HALLMARK_TGF_BETA_SIGNALING, HALLMARK_TGF_BETA_SIGNALING COULOUARN_TEMPORAL_TGFB1_SIGNATURE_UP, COULOUARN_TEMPORAL_TGFB1_SIGNATURE_UP MARTORIAT1_MDM4_TARGETS, NEUROEPITHELIUM_DN, MARTORIAT1_MDM4_TARGETS, NEUROEPITHELIUM_DN HP_ABNORMAL_CIRCULATING_IGM_LEVEL, HP_ABNORMAL_CIRCULATING_IGM_LEVEL MIR6502_3P, MIR6502_3P MIR15A_3P, MIR15A_3P MIR6505_3P, MIR6505_3P GOBP_IMMUNOGLOBULIN_PRODUCTION_INVOLVED_IN_IMMUNOGLOBULIN_MEDIATED_IMMUNE_RESPONSE, GOBP_IMMUNOGLOBULIN_PRODUCTION_INVOLVED_IN_IMMUNOGLOBULIN_MEDIATED_IMMUNE_RESPONSE TCGA_GLIOMASTOMA_COPY_NUMBER_DN, TCGA_GLIOMASTOMA_COPY_NUMBER_DN GOBP_REGULATION_OF_DEFENSE_RESPONSE_TO_VIRUS_BY_VIRUS, GOBP_REGULATION_OF_DEFENSE_RESPONSE_TO_VIRUS_BY_VIRUS HP_CORPUS_CALLOSUM_ATROPHY, HP_CORPUS_CALLOSUM_ATROPHY MIR3605_5P, MIR3605_5P BRUINS_UVC_RESPONSE_VIA_TP53_GROUP_C, BRUINS_UVC_RESPONSE_VIA_TP53_GROUP_C MIR454_5P, MIR454_5P MIR24_1_5P, MIR24_2_5P, MIR24_1_5P, MIR24_2_5P HASLINGER_B_CLL_WITH_I1Q23_DELETION, HASLINGER_B_CLL_WITH_I1Q23_DELETION MIR6866_5P, MIR6866_5P MIR4535, MIR4535 MIR512_5P, MIR512_5P GOBP_PEPTIDYL_PROLINE_MODIFICATION, GOBP_PEPTIDYL_PROLINE_MODIFICATION MIR6869_5P, MIR6869_5P STAMBOLSKY_TARGETS_OF_MUTATED_TP53_UP, STAMBOLSKY_TARGETS_OF_MUTATED_TP53_UP ZHENG_FOXP3_TARGETS_IN_T_LYMPHOCYTE_DN, ZHENG_FOXP3_TARGETS_IN_T_LYMPHOCYTE_DN HOLLEMAN_VINCISTINE_RESISTANCE_ALL_UP, HOLLEMAN_VINCISTINE_RESISTANCE_ALL_UP MIR31_3P, MIR31_3P REACTOME_REGULATION_OF_RUNX1_EXPRESSION_AND_ACTIVITY, REACTOME_REGULATION_OF_RUNX1_EXPRESSION_AND_ACTIVITY HP_ENCEPHALITIS, HP_ENCEPHALITIS SNIDERS_AMPLIFIED_IN_HEAD_AND_NECK_TUMORS, SNIDERS_AMPLIFIED_IN_HEAD_AND_NECK_TUMORS GOBP_POSITIVE_REGULATION_OF_ISOTYPE_SWITCHING, GOBP_POSITIVE_REGULATION_OF_ISOTYPE_SWITCHING GOBP_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_ABSENCE_OF_LIGAND, GOBP_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_ABSENCE_OF_LIGAND ZNF501_TARGET_GENES, ZNF501_TARGET_GENES GOBP_PROTEIN_PEPTIDYL_PROLYL_ISOMERIZATION, GOBP_PROTEIN_PEPTIDYL_PROLYL_ISOMERIZATION HP_MESOMELIA, HP_MESOMELIA HP_CHRONIC_MUCOCUTANEOUS_CANDIDIASIS, HP_CHRONIC_MUCOCUTANEOUS_CANDIDIASIS GOBP_REGULATION_OF_ISOTYPE_SWITCHING, GOBP_REGULATION_OF_ISOTYPE_SWITCHING HP_PHARYNGITIS, HP_PHARYNGITIS GOMF_CIS_TRANS_ISOMERASE_ACTIVITY, GOMF_CIS_TRANS_ISOMERASE_ACTIVITY HP_ANODONTIA, HP_ANODONTIA WP_MTHFR_DEFICIENCY, WP_MTHFR_DEFICIENCY GOCC_RNAL_EFFECTOR_COMPLEX, GOCC_RNAL_EFFECTOR_COMPLEX PODAR_RESPONSE_TO_ADAPHOSTIN_DN, PODAR_RESPONSE_TO_ADAPHOSTIN_DN HP_CENTRAL_Y_SHAPED_METACARPAL, HP_CENTRAL_Y_SHAPED_METACARPAL HP_HYPOPLASTIC_ANEMIA, HP_HYPOPLASTIC_ANEMIA ZHENG_RESPONSE_TO_ARSENITE_DN, ZHENG_RESPONSE_TO_ARSENITE_DN HP_BURKITT_LYMPHOMA, HP_BURKITT_LYMPHOMA MIR15B_3P, MIR15B_3P REACTOME_STAT5_ACTIVATION_DOWNSTREAM_OF_FLT3_ITD_MUTANTS, REACTOME_STAT5_ACTIVATION_DOWNSTREAM_OF_FLT3_ITD_MUTANTS HP_LYMPHOCYTOSIS, HP_LYMPHOCYTOSIS GOMF_TAU_PROTEIN_KINASE_ACTIVITY, GOMF_TAU_PROTEIN_KINASE_ACTIVITY CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_UP, CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_UP BROWNE_HCMV_INFECTION_4HR_UP, BROWNE_HCMV_INFECTION_4HR_UP GAUSSMANN_MLL_AF4_FUSION_TARGETS_G_DN, GAUSSMANN_MLL_AF4_FUSION_TARGETS_G_DN PID_LPA4_PATHWAY, PID_LPA4_PATHWAY MIR363_5P, MIR363_5P HP_FEMORAL_HERNIA, HP_FEMORAL_HERNIA HP_BROAD_RIBS, HP_BROAD_RIBS chrXq13, chrXq13 GOBP_SYNAPTIC_VESICLE_RECYCLING_VIA_ENDOSOME, GOBP_SYNAPTIC_VESICLE_RECYCLING_VIA_ENDOSOME HP_HYPOTHALAMIC_HAMARTOMA, HP_HYPOTHALAMIC_HAMARTOMA MIR663B, MIR663B GOBP_REGULATION_OF_MITOCHONDRIAL_FUSION, GOBP_REGULATION_OF_MITOCHONDRIAL_FUSION MODULE_240, MODULE_240 GSE36392_EOSINOPHIL_VS_MAC_IL25_TREATED_LUNG_UP, GSE36392_EOSINOPHIL_VS_MAC_IL25_TREATED_LUNG_UP GOCC_POSTSYNAPTIC_DENSITY_INTRACELLULAR_COMPONENT, GOCC_POSTSYNAPTIC_DENSITY_INTRACELLULAR_COMPONENT HP_SCLEROSIS_OF_SKULL_BASE, HP_SCLEROSIS_OF_SKULL_BASE HP_DELAYED_MENARCHE, HP_DELAYED_MENARCHE HP_HYPOPLASIA_OF_OLFACTORY_TRACT, HP_HYPOPLASIA_OF_OLFACTORY_TRACT GOBP_POSITIVE_REGULATION_OF_CD8_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION, GOBP_POSITIVE_REGULATION_OF_CD8_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION REACTOME_STAT5_ACTIVATION, REACTOME_STAT5_ACTIVATION chr1p22, chr1p22 REACTOME_SYNTHESIS_OF_PIP3_AT_THE_ER_MEMBRANE, REACTOME_SYNTHESIS_OF_PIP3_AT_THE_ER_MEMBRANE HP_DECREASED_SERUM_INSULIN LIKE_GROWTH_FACTOR_1, HP_DECREASED_SERUM_INSULIN LIKE_GROWTH_FACTOR_1 MIR5888_5P, MIR5888_5P GOBP_NEGATIVE_REGULATION_OF_MITOCHONDRIAL_FUSION, GOBP_NEGATIVE_REGULATION_OF_MITOCHONDRIAL_FUSION GOBP_PROTEIN_LOCALIZATION_TO_PRESYNAPE, GOBP_PROTEIN_LOCALIZATION_TO_PRESYNAPE HP_VERTICAL_NYSTAGMUS, HP_VERTICAL_NYSTAGMUS MODULE_156, MODULE_156 LEE_DOUBLE_POLAR_THYMOCYTE, LEE_DOUBLE_POLAR_THYMOCYTE GOBP_MICROVILLUS_ORGANIZATION, GOBP_MICROVILLUS_ORGANIZATION REACTOME_G_ALPHA_Z_SIGNALING_EVENTS, REACTOME_G_ALPHA_Z_SIGNALING_EVENTS HP_RECURRENT_UPPER_AND_LOWER_RESPIRATORY_TRACT_INFECTIONS, HP_RECURRENT_UPPER_AND_LOWER_RESPIRATORY_TRACT_INFECTIONS chr3q22, chr3q22 GOMF_PHOSPHATIDYLETHANOLAMINE_BINDING, GOMF_PHOSPHATIDYLETHANOLAMINE_BINDING REACTOME_ADENYLATE_CYCLASE_ACTIVATING_PATHWAY, REACTOME_ADENYLATE_CYCLASE_ACTIVATING_PATHWAY WP_MACROPHAGE_MARKERS, WP_MACROPHAGE_MARKERS GOBP_REGULATION_OF_NK_T_CELL_ACTIVATION, GOBP_REGULATION_OF_NK_T_CELL_ACTIVATION GOBP_ATRIOVENTRICULAR_CANAL_DEVELOPMENT, GOBP_ATRIOVENTRICULAR_CANAL_DEVELOPMENT HP_RIDGED_FINGERNAIL, HP_RIDGED_FINGERNAIL DESCARTES_FETAL_PANCREAS_ERYTHROBLASTS, DESCARTES_FETAL_PANCREAS_ERYTHROBLASTS GOBP_REGULATION_OF_CD8_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION, GOBP_REGULATION_OF_CD8_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION GOMF_GLYCEROPHOSPHOLIPID_FLIPPASE_ACTIVITY, GOMF_GLYCEROPHOSPHOLIPID_FLIPPASE_ACTIVITY GOBP_NK_T_CELL_ACTIVATION, GOBP_NK_T_CELL_ACTIVATION HOEK_MONOCYTE_2011_2012_TIV_ADULT_1DY_UP, HOEK_MONOCYTE_2011_2012_TIV_ADULT_1DY_UP HP_DIAPHYSEAL_THICKENING, HP_DIAPHYSEAL_THICKENING GOBP_CONVERGENT_EXTENSION_INVOLVED_IN_GASTRULATION, GOBP_CONVERGENT_EXTENSION_INVOLVED_IN_GASTRULATION MIR487B_3P, MIR487B_3P GOBP_POSITIVE_REGULATION_OF_NK_T_CELL_ACTIVATION, GOBP_POSITIVE_REGULATION_OF_NK_T_CELL_ACTIVATION GOBP_NEGATIVE_REGULATION_OF_PROTEIN_AUTOPHOSPHORYLATION, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_AUTOPHOSPHORYLATION GOBP_ESTABLISHMENT_OF_PLANAR_POLARITY_INVOLVED_IN_NEURAL_TUBE_CLOSURE, GOBP_ESTABLISHMENT_OF_PLANAR_POLARITY_INVOLVED_IN_NEURAL_TUBE_CLOSURE GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY REACTOME_REELIN_SIGNALING_PATHWAY, REACTOME_REELIN_SIGNALING_PATHWAY MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_30, MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_30 HP_FACIAL_HYPEROSTOSIS, HP_FACIAL_HYPEROSTOSIS GOBP_POSITIVE_REGULATION_OF_CD8_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_CD8_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION GOMF_TYPE_5_METABOTROPIC_GLUTAMATE_RECEPTOR_BINDING, GOMF_TYPE_5_METABOTROPIC_GLUTAMATE_RECEPTOR_BINDING REACTOME_RUNX1_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_INTERLEUKIN_SIGNALING, REACTOME_RUNX1_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_INTERLEUKIN_SIGNALING GOMF_CHITIN_BINDING, GOMF_CHITIN_BINDING GOBP_POSITIVE_REGULATION_OF_NEURON_PROJECTION_ARBORIZATION, GOBP_POSITIVE_REGULATION_OF_NEURON_PROJECTION_ARBORIZATION GOCC_HFE_TRANSFERRIN_RECEPTOR_COMPLEX, GOCC_HFE_TRANSFERRIN_RECEPTOR_COMPLEX REACTOME_NETRIN_MEDIATED_REPULSION_SIGNALS, REACTOME_NETRIN_MEDIATED_REPULSION_SIGNALS GOBP_IMMATURE_B_CELL_DIFFERENTIATION, GOBP_IMMATURE_B_CELL_DIFFERENTIATION GOBP_MICROVILLUS_ASSEMBLY, GOBP_MICROVILLUS_ASSEMBLY TRAVAGLINI_LUNG_CD8_MEMORY_EFFECTOR_T_CELL, TRAVAGLINI_LUNG_CD8_MEMORY_EFFECTOR_T_CELL GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY HP_CUTANEOUS_ANERGY, HP_CUTANEOUS_ANERGY HP_PROXIMAL_SYMPHALANGISM, HP_PROXIMAL_SYMPHALANGISM GOBP_CELLULAR_RESPONSE_TO_NITROSATIVE_STRESS, GOBP_CELLULAR_RESPONSE_TO_NITROSATIVE_STRESS GOCC_POSTSYNAPTIC_SPECIALIZATION_INTRACELLULAR_COMPONENT, GOCC_POSTSYNAPTIC_SPECIALIZATION_INTRACELLULAR_COMPONENT chr12q21, chr12q21 HP_CYSTINURIA, HP_CYSTINURIA HP_NEUROMA, HP_NEUROMA GOBP_NEURAL_PLATE_MORPHOGENESIS, GOBP_NEURAL_PLATE_MORPHOGENESIS chr6q21, chr6q21	
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