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GSE41867_DAY8_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN, GSE41867_DAY8_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN
                                                                                                                                         GOBP_NCRNA_TRANSCRIPTION, GOBP_NCRNA_TRANSCRIPTION
                                                                                                                                         GSE42021_TREG_PLN_VS_CD24HI_TREG_THYMUS_UP, GSE42021_TREG_PLN_VS_CD24HI_TREG_THYMUS_UP
                                                                                                                                         GSE41867_NAIVE_VS_DAY6_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_UP, GSE41867_NAIVE_VS_DAY6_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_UP
                                                                                                                                         GOBP_SNRNA_TRANSCRIPTION, GOBP_SNRNA_TRANSCRIPTION
                                                                                                                                         GOBP_TRANSCRIPTION_BY_RNA_POLYMERASE_I, GOBP_TRANSCRIPTION_BY_RNA_POLYMERASE_I
                                                                                                                                         GOCC_RNA_POLYMERASE_II_HOLOENZYME, GOCC_RNA_POLYMERASE_II_HOLOENZYME
                                                                                                                                         MIR3679_3P, MIR3679_3P
                                                                                                                                         MIR379_3P_MIR411_3P, MIR379_3P_MIR411_3P
                                                                                                                                         TCCAGAG_MIR518C, TCCAGAG_MIR518C
                                                                                                                                         GSE27786_ERYTHROBLAST_VS_NEUTROPHIL_UP, GSE27786_ERYTHROBLAST_VS_NEUTROPHIL_UP
                                                                                                                                         GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_CD8_TCELL_UP, GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_CD8_TCELL_UP
                                                                                                                                         GSE1448_ANTI_VALPHA2_VS_VBETA5_DP_THYMOCYTE_DN, GSE1448_ANTI_VALPHA2_VS_VBETA5_DP_THYMOCYTE_DN
                                                                                                                                         QI_HYPOXIA, QI_HYPOXIA
                                                                                                                                         GSE7460_CTRL_VS_FOXP3_OVEREXPR_TCONV_1_UP, GSE7460_CTRL_VS_FOXP3_OVEREXPR_TCONV_1_UP
                                                                                                                                         MTOR_UP.V1_UP, MTOR_UP.V1_UP
                                                                                                                                         MIR6730_3P, MIR6730_3P
                                                                                                                                         GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_1H_UP, GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_1H_UP
                                                                                                                                         MIR5001_3P, MIR5001_3P
                                                                                                                                         GOMF_RNA_POLYMERASE_BINDING, GOMF_RNA_POLYMERASE_BINDING
                                                                                                                                         REACTOME_HIV_TRANSCRIPTION_INITIATION, REACTOME_HIV_TRANSCRIPTION_INITIATION
                                                                                                                                         MIR1264, MIR1264
                                                                                                                                         GOBP_ENDOPLASMIC_RETICULUM_ORGANIZATION, GOBP_ENDOPLASMIC_RETICULUM_ORGANIZATION
                                                                                                                                         MIR6507_3P, MIR6507_3P
                                                                                                                                         GOMF_GENERAL_TRANSCRIPTION_INITIATION_FACTOR_ACTIVITY, GOMF_GENERAL_TRANSCRIPTION_INITIATION_FACTOR_ACTIVITY
                                                                                                                                         GSE36527_CD62L_HIGH_VS_CD62L_LOW_TREG_CD69_NEG_KLRG1_NEG_DN, GSE36527_CD62L_HIGH_VS_CD62L_LOW_TREG_CD69_NEG_KLRG1_NEG_DN
                                                                                                                                         MIR4705, MIR4705
                                                                                                                                         CCAGGTT_MIR490, CCAGGTT_MIR490
                                                                                                                                         TARTE_PLASMA_CELL_VS_B_LYMPHOCYTE_UP, TARTE_PLASMA_CELL_VS_B_LYMPHOCYTE_UP
                                                                                                                                         GOBP_RESPONSE_TO_LEUKEMIA_INHIBITORY_FACTOR, GOBP_RESPONSE_TO_LEUKEMIA_INHIBITORY_FACTOR
                                                                                                                                         MIR8060, MIR8060
                                                                                                                                         MORI_PLASMA_CELL_UP, MORI_PLASMA_CELL_UP
                                                                                                                                         VANTVEER_BREAST_CANCER_BRCA1_UP, VANTVEER_BREAST_CANCER_BRCA1_UP
                                                                                                                                         CGGAARNGGCNG_UNKNOWN, CGGAARNGGCNG_UNKNOWN
                                                                                                                                         MIR217_3P, MIR217_3P
                                                                                                                                         MIR4714_5P, MIR4714_5P
                                                                                                                                         GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_30H_UP, GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_30H_UP
                                                                                                                                         TGFB_UP.V1_UP, TGFB_UP.V1_UP
                                                                                                                                         MIR297, MIR297
                                                                                                                                         MIR4464, MIR4464
                                                                                                                                         GOMF_RNA_POLYMERASE_II_GENERAL_TRANSCRIPTION_INITIATION_FACTOR_ACTIVITY, GOMF_RNA_POLYMERASE_II_GENERAL_TRANSCRIPTION_INITIATION_FACTOR_ACTIVITY
                                                                                                                                         MIR2054, MIR2054
                                                                                                                                         GOMF_REPRESSING_TRANSCRIPTION_FACTOR_BINDING, GOMF_REPRESSING_TRANSCRIPTION_FACTOR_BINDING
                                                                                                                                         MIR4748, MIR4748
                                                                                                                                         MIR4772_3P, MIR4772_3P
                                                                                                                                         GSE4590_PRE_BCELL_VS_SMALL_PRE_BCELL_DN, GSE4590_PRE_BCELL_VS_SMALL_PRE_BCELL_DN
                                                                                                                                         HP_RETINAL_DETACHMENT, HP_RETINAL_DETACHMENT
                                                                                                                                         GSE16385_UNTREATED_VS_12H_IL4_TREATED_MACROPHAGE_DN, GSE16385_UNTREATED_VS_12H_IL4_TREATED_MACROPHAGE_DN
                                                                                                                                         ZHU_CMV_8_HR_DN, ZHU_CMV_8_HR_DN
                                                                                                                                         MIR6502_3P, MIR6502_3P
                                                                                                                                         TGAGATT MIR216, TGAGATT MIR216
                                                                                                                                         GOBP_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I, GOBP_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I
                                                                                                                                         GOBP_REGULATION_OF_TRANSCRIPTION_ELONGATION_FROM_RNA_POLYMERASE_II_PROMOTER, GOBP_REGULATION_OF_TRANSCRIPTION_ELONGATION_FROM_RNA_POLYMERASE_II_PROMOTER
                                                                                                                                         MIR5007_3P, MIR5007_3P
                                                                                                                                         MIR4642, MIR4642
                                                                                                                                         MIR520G_5P, MIR520G_5P
                                                                                                                                         REACTOME_RND2_GTPASE_CYCLE, REACTOME_RND2_GTPASE_CYCLE
                                                                                                                                         STAT3_02, STAT3_02
                                                                                                                                         MIR2467_5P, MIR2467_5P
                                                                                                                                         MIR6806_5P, MIR6806_5P
                                                                                                                                         MIR4540, MIR4540
                                                                                                                                         MIR6780B_3P, MIR6780B_3P
                                                                                                                                         WP_CHOLESTEROL_BIOSYNTHESIS_PATHWAY, WP_CHOLESTEROL_BIOSYNTHESIS_PATHWAY
                                                                                                                                         GOCC_TRANSCRIPTION_FACTOR_TFIID_COMPLEX, GOCC_TRANSCRIPTION_FACTOR_TFIID_COMPLEX
                                                                                                                                         KEGG_BASAL_TRANSCRIPTION_FACTORS, KEGG_BASAL_TRANSCRIPTION_FACTORS
                                                                                                                                         WENDT_COHESIN_TARGETS_UP, WENDT_COHESIN_TARGETS_UP
                                                                                                                                         HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_CORTICOSPINAL_TRACT, HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_CORTICOSPINAL_TRACT
                                                                                                                                         GENTILE_UV_RESPONSE_CLUSTER_D5, GENTILE_UV_RESPONSE_CLUSTER_D5
                                                                                                                                         WP_4HYDROXYTAMOXIFEN_DEXAMETHASONE_AND_RETINOIC_ACIDS_REGULATION_OF_P27_EXPRESSION, WP_4HYDROXYTAMOXIFEN_DEXAMETHASONE_AND_RETINOIC_ACIDS_REGULATION_OF_P27_EXPRESSION
                                                                                                                                         MIR5694, MIR5694
                                                                                                                                         HP_MASK_LIKE_FACIES, HP_MASK_LIKE_FACIES
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_ELONGATION, GOBP_NEGATIVE_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_ELONGATION
                                                                                                                                         HP_HYPOPLASIA_OF_THE_ODONTOID_PROCESS, HP_HYPOPLASIA_OF_THE_ODONTOID_PROCESS
                                                                                                                                         HP_LANGUAGE_IMPAIRMENT, HP_LANGUAGE_IMPAIRMENT
                                                                                                                                         WP_ECTODERM_DIFFERENTIATION, WP_ECTODERM_DIFFERENTIATION
                                                                                                                                         GTAAACC_MIR2995P, GTAAACC_MIR2995P
                                                                                                                                         GOBP_MANNOSYLATION, GOBP_MANNOSYLATION
                                                                                                                                         HP_APLASIA_HYPOPLASIA_INVOLVING_THE_VERTEBRAL_COLUMN, HP_APLASIA_HYPOPLASIA_INVOLVING_THE_VERTEBRAL_COLUMN
                                                                                                                                         MIR134_5P, MIR134_5P
                                                                                                                                         GNF2_MAP2K3, GNF2_MAP2K3
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I, GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I
                                                                                                                                         MIR374C_3P, MIR374C_3P
                                                                                                                                         GSE29615_CTRL_VS_LAIV_FLU_VACCINE_PBMC_UP, GSE29615_CTRL_VS_LAIV_FLU_VACCINE_PBMC_UP
                                                                                                                                         FIGUEROA_AML_METHYLATION_CLUSTER_1_DN, FIGUEROA_AML_METHYLATION_CLUSTER_1_DN
                                                                                                                                         CRX_NRL_DN.V1_DN, CRX_NRL_DN.V1_DN
                                                                                                                                         RTTTNNNYTGGM_UNKNOWN, RTTTNNNYTGGM_UNKNOWN
                                                                                                                                         GNF2_ANK1, GNF2_ANK1
                                                                                                                                         GNF2_SPTB, GNF2_SPTB
                                                                                                                                         MIR668_3P, MIR668_3P
                                                                                                                                         HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_MIDDLE_EAR, HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_MIDDLE_EAR
                                                                                                                                         GAZDA DIAMOND BLACKFAN ANEMIA ERYTHROID UP, GAZDA DIAMOND BLACKFAN ANEMIA ERYTHROID UP
                                                                                                                                         REACTOME_RND3_GTPASE_CYCLE, REACTOME_RND3_GTPASE_CYCLE
                                                                                                                                         MIR8055, MIR8055
                                                                                                                                          THAKAR_PBMC_INACTIVATED_INFLUENZA_AGE_21_30YO_VS_70PLS_0DY_UP, THAKAR_PBMC_INACTIVATED_INFLUENZA_AGE_21_30YO_VS_70PLS_0DY_UP
                                                                                                                                         MIR182 3P, MIR182 3P
                                                                                                                                         CRX_DN.V1_DN, CRX_DN.V1_DN
                                                                                                                                         GOMF_UBIQUITIN_LIKE_PROTEIN_SPECIFIC_PROTEASE_ACTIVITY, GOMF_UBIQUITIN_LIKE_PROTEIN_SPECIFIC_PROTEASE_ACTIVITY
                                                                                                                                         GNF2_CDC27, GNF2_CDC27
                                                                                                                                         GOBP RESPONSE TO ARSENIC CONTAINING SUBSTANCE, GOBP RESPONSE TO ARSENIC CONTAINING SUBSTANCE
                                                                                                                                         GOBP_HISTONE_H4_K5_ACETYLATION, GOBP_HISTONE_H4_K5_ACETYLATION
                                                                                                                                         HP_ABNORMALITY_OF_THE_ODONTOID_PROCESS, HP_ABNORMALITY_OF_THE_ODONTOID_PROCESS
                                                                                                                                         HP_SHORT_THORAX, HP_SHORT_THORAX
                                                                                                                                         MIR3192_3P, MIR3192_3P
                                                                                                                                         MODULE_432, MODULE_432
                                                                                                                                          GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_MAGENTA_DN, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_MAGENTA_DN
                                                                                                                                         GOMF_INTRAMOLECULAR_TRANSFERASE_ACTIVITY, GOMF_INTRAMOLECULAR_TRANSFERASE_ACTIVITY
                                                                                                                                         GOBP_PROTEIN_LOCALIZATION_TO_ENDOSOME, GOBP_PROTEIN_LOCALIZATION_TO_ENDOSOME
                                                                                                                                         SCHEIDEREIT_IKK_INTERACTING_PROTEINS, SCHEIDEREIT_IKK_INTERACTING_PROTEINS
                                                                                                                                         SMID_BREAST_CANCER_ERBB2_UP, SMID_BREAST_CANCER_ERBB2_UP
                                                                                                                                         GOBP_PSEUDOURIDINE_SYNTHESIS, GOBP_PSEUDOURIDINE_SYNTHESIS
                                                                                                                                         REACTOME_MATURATION_OF_SARS_COV_2_SPIKE_PROTEIN, REACTOME_MATURATION_OF_SARS_COV_2_SPIKE_PROTEIN
                                                                                                                                         LMX1B_TARGET_GENES, LMX1B_TARGET_GENES
                                                                                                                                         GOBP_REGULATION_OF_TRANSLATIONAL_INITIATION_BY_EIF2_ALPHA_PHOSPHORYLATION, GOBP_REGULATION_OF_TRANSLATIONAL_INITIATION_BY_EIF2_ALPHA_PHOSPHORYLATION
                                                                                                                                         WP_IMATINIB_AND_CHRONIC_MYELOID_LEUKEMIA, WP_IMATINIB_AND_CHRONIC_MYELOID_LEUKEMIA
                                                                                                                                         MIR3927_5P, MIR3927_5P
                                                                                                                                         GOMF_TRANSITION_METAL_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_TRANSITION_METAL_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                                         WP_NRF2ARE_REGULATION, WP_NRF2ARE_REGULATION
                                                                                                                                         ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_6HR_UP, ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_6HR_UP
                                                                                                                                         GOBP_REGULATION_OF_TRANSLATION_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS, GOBP_REGULATION_OF_TRANSLATION_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS
                                                                                                                                         NAGY_TFTC_COMPONENTS_HUMAN, NAGY_TFTC_COMPONENTS_HUMAN
                                                                                                                                         MIR7108_5P, MIR7108_5P
                                                                                                                                         GOBP_PROTEIN_MANNOSYLATION, GOBP_PROTEIN_MANNOSYLATION
                                                                                                                                         HP_SYRINGOMYELIA, HP_SYRINGOMYELIA
                                                                                                                                         SKP2_TARGET_GENES, SKP2_TARGET_GENES
                                                                                                                                         MIR1912_3P, MIR1912_3P
                                                                                                                                         GOBP_INTEGRATED_STRESS_RESPONSE_SIGNALING, GOBP_INTEGRATED_STRESS_RESPONSE_SIGNALING
                                                                                                                                         GOBP_BLASTOCYST_FORMATION, GOBP_BLASTOCYST_FORMATION
                                                                                                                                         SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_UP, SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_UP
                                                                                                                                         HP_ABNORMAL_MUSCLE_FIBER_PROTEIN_EXPRESSION, HP_ABNORMAL_MUSCLE_FIBER_PROTEIN_EXPRESSION
                                                                                                                                         MANN_RESPONSE_TO_AMIFOSTINE_UP, MANN_RESPONSE_TO_AMIFOSTINE_UP
                                                                                                                                         CAGGGTC_MIR504, CAGGGTC_MIR504
                                                                                                                                         GOBP_PROTEIN_DESUMOYLATION, GOBP_PROTEIN_DESUMOYLATION
                                                                                                                                         GOMF_SUMO_SPECIFIC_PROTEASE_ACTIVITY, GOMF_SUMO_SPECIFIC_PROTEASE_ACTIVITY
                                                                                                                                         MIR144 5P, MIR144 5P
                                                                                                                                         GROSS_HIF1A_TARGETS_DN, GROSS_HIF1A_TARGETS_DN
                                                                                                                                         GOCC_OLIGOSACCHARYLTRANSFERASE_COMPLEX, GOCC_OLIGOSACCHARYLTRANSFERASE_COMPLEX
                                                                                                                                         REACTOME_CARGO_CONCENTRATION_IN_THE_ER, REACTOME_CARGO_CONCENTRATION_IN_THE_ER
                                                                                                                                         WP_OVERVIEW_OF_LEUKOCYTEINTRINSIC_HIPPO_PATHWAY_FUNCTIONS, WP_OVERVIEW_OF_LEUKOCYTEINTRINSIC_HIPPO_PATHWAY_FUNCTIONS
                                                                                                                                         HP_ABNORMALLY_LARGE_GLOBE, HP_ABNORMALLY_LARGE_GLOBE
                                                                                                                                         GOMF_O_METHYLTRANSFERASE_ACTIVITY, GOMF_O_METHYLTRANSFERASE_ACTIVITY
                                                                                                                                         HP_BRANCHIAL_ANOMALY, HP_BRANCHIAL_ANOMALY
                                                                                                                                         YOKOE_CANCER_TESTIS_ANTIGENS, YOKOE_CANCER_TESTIS_ANTIGENS
                                                                                                                                         GOBP_PHOTOTRANSDUCTION_VISIBLE_LIGHT, GOBP_PHOTOTRANSDUCTION_VISIBLE_LIGHT
                                                                                                                                         MIR3161, MIR3161
                                                                                                                                         SCHEIDEREIT_IKK_TARGETS, SCHEIDEREIT_IKK_TARGETS
                                                                                                                                         MIR214_5P, MIR214_5P
                                                                                                                                         MIR4804 5P, MIR4804 5P
                                                                                                                                         MIR3193, MIR3193
                                                                                                                                         GOCC_NUCLEAR_PORE_CENTRAL_TRANSPORT_CHANNEL, GOCC_NUCLEAR_PORE_CENTRAL_TRANSPORT_CHANNEL
                                                                                                                                         GOBP_SMALL_NUCLEOLAR_RIBONUCLEOPROTEIN_COMPLEX_ASSEMBLY, GOBP_SMALL_NUCLEOLAR_RIBONUCLEOPROTEIN_COMPLEX_ASSEMBLY
                                                                                                                                         GOBP_PROTEIN_INSERTION_INTO_ER_MEMBRANE, GOBP_PROTEIN_INSERTION_INTO_ER_MEMBRANE
                                                                                                                                         HP_ABNORMAL_EPIPHYSIS_MORPHOLOGY_OF_THE_PHALANGES_OF_THE_HAND, HP_ABNORMAL_EPIPHYSIS_MORPHOLOGY_OF_THE_PHALANGES_OF_THE_HAND
                                                                                                                                          XU_HGF_SIGNALING_NOT_VIA_AKT1_6HR, XU_HGF_SIGNALING_NOT_VIA_AKT1_6HR
                                                                                                                                         WP_PKCGAMMA_CALCIUM_SIGNALING_PATHWAY_IN_ATAXIA, WP_PKCGAMMA_CALCIUM_SIGNALING_PATHWAY_IN_ATAXIA
                                                                                                                                         HP_ACUTE_HEPATIC_FAILURE, HP_ACUTE_HEPATIC_FAILURE
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_PRODUCTION
                                                                                                                                          GOBP_CELLULAR_RESPONSE_TO_ARSENIC_CONTAINING_SUBSTANCE, GOBP_CELLULAR_RESPONSE_TO_ARSENIC_CONTAINING_SUBSTANCE
                                                                                                                                         HP_HIGH_MYOPIA, HP_HIGH_MYOPIA
                                                                                                                                         MIR184, MIR184
                                                                                                                                         RUNNE_GENDER_EFFECT_UP, RUNNE_GENDER_EFFECT_UP
                                                                                                                                          GOMF_ARYL_HYDROCARBON_RECEPTOR_BINDING, GOMF_ARYL_HYDROCARBON_RECEPTOR_BINDING
                                                                                                                                         GOBP_INTRA_S_DNA_DAMAGE_CHECKPOINT, GOBP_INTRA_S_DNA_DAMAGE_CHECKPOINT
                                                                                                                                         HP_BROAD_PALM, HP_BROAD_PALM
                                                                                                                                         HP_SCROTAL_HYPOPLASIA, HP_SCROTAL_HYPOPLASIA
                                                                                                                                         HP_CARPAL_BONE_HYPOPLASIA, HP_CARPAL_BONE_HYPOPLASIA
                                                                                                                                         GOBP_REGULATION_OF_TRANSLATION_INITIATION_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS, GOBP_REGULATION_OF_TRANSLATION_INITIATION_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS
                                                                                                                                         GSE29615_CTRL_VS_LAIV_FLU_VACCINE_PBMC_DN, GSE29615_CTRL_VS_LAIV_FLU_VACCINE_PBMC_DN
                                                                                                                                          GOBP_VESICLE_CARGO_LOADING, GOBP_VESICLE_CARGO_LOADING
                                                                                                                                         GSE32034_UNTREATED_VS_ROSIGLIZATONE_TREATED_LY6C_LOW_MONOCYTE_UP, GSE32034_UNTREATED_VS_ROSIGLIZATONE_TREATED_LY6C_LOW_MONOCYTE_UP
                                                                                                                                          GOBP_ERYTHROCYTE_DEVELOPMENT, GOBP_ERYTHROCYTE_DEVELOPMENT
                                                                                                                                         GOCC_TRANSCRIPTION_FACTOR_TFTC_COMPLEX, GOCC_TRANSCRIPTION_FACTOR_TFTC_COMPLEX
                                                                                                                                         HP_SELF_MUTILATION, HP_SELF_MUTILATION
                                                                                                                                         BIOCARTA_ERBB4_PATHWAY, BIOCARTA_ERBB4_PATHWAY
                                                                                                                                          GOBP_ISOPRENOID_METABOLIC_PROCESS, GOBP_ISOPRENOID_METABOLIC_PROCESS
                                                                                                                                         GOBP_COPPER_ION_TRANSPORT, GOBP_COPPER_ION_TRANSPORT
                                                                                                                                         BOGNI TREATMENT RELATED MYELOID LEUKEMIA DN, BOGNI TREATMENT RELATED MYELOID LEUKEMIA DN
                                                                                                                                         GOBP_T_CELL_DIFFERENTIATION_IN_THYMUS, GOBP_T_CELL_DIFFERENTIATION_IN_THYMUS
                                                                                                                                         GOBP_LIPID_DROPLET_ORGANIZATION, GOBP_LIPID_DROPLET_ORGANIZATION
                                                                                                                                         WP_HEMATOPOIETIC_STEM_CELL_GENE_REGULATION_BY_GABP_ALPHABETA_COMPLEX, WP_HEMATOPOIETIC_STEM_CELL_GENE_REGULATION_BY_GABP_ALPHABETA_COMPLEX
                                                                                                                                         HP_PAROXYSMAL_DYSTONIA, HP_PAROXYSMAL_DYSTONIA
                                                                                                                                         GOBP_ISOPRENOID_BIOSYNTHETIC_PROCESS, GOBP_ISOPRENOID_BIOSYNTHETIC_PROCESS
                                                                                                                                         GOBP_REGULATION_OF_RRNA_PROCESSING, GOBP_REGULATION_OF_RRNA_PROCESSING
                                                                                                                                         HP_COMMUNICATING_HYDROCEPHALUS, HP_COMMUNICATING_HYDROCEPHALUS
                                                                                                                                         GOCC_TRNA_METHYLTRANSFERASE_COMPLEX, GOCC_TRNA_METHYLTRANSFERASE_COMPLEX
                                                                                                                                         GOBP POSITIVE REGULATION OF EPITHELIAL CELL MIGRATION, GOBP POSITIVE REGULATION OF EPITHELIAL CELL MIGRATION
                                                                                                                                        HP_BEAKING_OF_VERTEBRAL_BODIES, HP_BEAKING_OF_VERTEBRAL_BODIES
                                                                                                                                         HP_SHIELD_CHEST, HP_SHIELD_CHEST
                                                                                                                                        HP_LOWER_LIMB_ASYMMETRY, HP_LOWER_LIMB_ASYMMETRY
                                                                                                                                        HP_BUPHTHALMOS, HP_BUPHTHALMOS
                                                                                                                                         PETRETTO_CARDIAC_HYPERTROPHY, PETRETTO_CARDIAC_HYPERTROPHY
                                                                                                                                         FIGUEROA AML METHYLATION CLUSTER 5 DN, FIGUEROA AML METHYLATION CLUSTER 5 DN
                                                                                                                                         HP_ABNORMAL_MUSCLE_FIBER_ALPHA_DYSTROGLYCAN, HP_ABNORMAL_MUSCLE_FIBER_ALPHA_DYSTROGLYCAN
                                                                                                                                          HARALAMBIEVA PBMC FLUARIX AGE 50 74YO CORR WITH 28D MEM B CELL RESPONSE AT 28DY LATE GENE EXPR INDIVID GENE MODELS PRED
                                                                                                                                          GOCC_TRANSCRIPTION_PREINITIATION_COMPLEX, GOCC_TRANSCRIPTION_PREINITIATION_COMPLEX
                                                                                                                                          MIR371A_3P, MIR371A_3P
                                                                                                                                          CTCAAGA_MIR526B, CTCAAGA_MIR526B
                                                                                                                                          REACTOME SIGNALING BY NOTCH1 T 7 9 NOTCH1 M1580 K2555 TRANSLOCATION MUTANT, REACTOME SIGNALING BY NOTCH1 T 7 9 NOTCH1 M1580 K2555 TRANSLOCATION MUTANT
                                                                                                                                          GOBP_COPI_COATED_VESICLE_BUDDING, GOBP_COPI_COATED_VESICLE_BUDDING
                                                                                                                                          GOBP_BOX_C_D_SNORNP_ASSEMBLY, GOBP_BOX_C_D_SNORNP_ASSEMBLY
                                                                                                                                         REACTOME RELEASE OF HH NP FROM THE SECRETING CELL, REACTOME RELEASE OF HH NP FROM THE SECRETING CELL
                                                                                                                                         HP_ABNORMAL_PUPILLARY_FUNCTION, HP_ABNORMAL_PUPILLARY_FUNCTION
Y30 EXHAUSTED CD8 TCELL LCMV CLONE13 DN, GSE41867 DAY15 EFFECTOR VS DAY30 EXHAUSTED CD8 TCELL LCMV CLONE13 DN
                                                                                                                                         WP_MAMMARY_GLAND_DEVELOPMENT_PATHWAY_INVOLUTION_STAGE_4_OF_4, WP_MAMMARY_GLAND_DEVELOPMENT_PATHWAY_INVOLUTION_STAGE_4_OF_4
                                                                                                                                         HP_ABNORMAL_STERNAL_OSSIFICATION, HP_ABNORMAL_STERNAL_OSSIFICATION
                                                                                                                                         GOBP_MODULATION_OF_MOLECULAR_FUNCTION_IN_OTHER_ORGANISM, GOBP_MODULATION_OF_MOLECULAR_FUNCTION_IN_OTHER_ORGANISM
                                                                                                                                          REACTOME CD163 MEDIATING AN ANTI INFLAMMATORY RESPONSE, REACTOME CD163 MEDIATING AN ANTI INFLAMMATORY RESPONSE
                                                                                                                                          GOBP_NEGATIVE_REGULATION_OF_LIPID_KINASE_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_LIPID_KINASE_ACTIVITY
                                                                                                                                         HP_SMALL_ANTERIOR_FONTANELLE, HP_SMALL_ANTERIOR_FONTANELLE
                                                                                                                                         HP_REDUCED_BRAIN_N_ACETYL_ASPARTATE_LEVEL_BY_MRS, HP_REDUCED_BRAIN_N_ACETYL_ASPARTATE_LEVEL_BY_MRS
                                                                                                                                         GOMF_INTERLEUKIN_6_RECEPTOR_BINDING, GOMF_INTERLEUKIN_6_RECEPTOR_BINDING
                                                                                                                                         CDPCR3_01, CDPCR3_01
                                                                                                                                         FULLER_PBMC_F_TULARENSIS_VACCINE_LVS_AGE_22_54YO_48HR_DN, FULLER_PBMC_F_TULARENSIS_VACCINE_LVS_AGE_22_54YO_48HR_DN
                                                                                                                                         GOCC_HAUS_COMPLEX, GOCC_HAUS_COMPLEX
                                                                                                                                         GOMF_NEDD8_SPECIFIC_PROTEASE_ACTIVITY, GOMF_NEDD8_SPECIFIC_PROTEASE_ACTIVITY
                                                                                                                                         chr2q32, chr2q32
                                                                                                                                         FULLER_PBMC_F_TULARENSIS_VACCINE_LVS_AGE_22_54YO_336HR_DN, FULLER_PBMC_F_TULARENSIS_VACCINE_LVS_AGE_22_54YO_336HR_DN
                                                                                                                                         MIR1295B_5P, MIR1295B_5P
                                                                                                                                         GOBP_MITOTIC_DNA_REPLICATION_CHECKPOINT, GOBP_MITOTIC_DNA_REPLICATION_CHECKPOINT
                                                                                                                                         HP_METOPIC_SYNOSTOSIS, HP_METOPIC_SYNOSTOSIS
                                                                                                                                         REACTOME_MAPK1_ERK2_ACTIVATION, REACTOME_MAPK1_ERK2_ACTIVATION
                                                                                                                                         JAZAERI_BREAST_CANCER_BRCA1_VS_BRCA2_DN, JAZAERI_BREAST_CANCER_BRCA1_VS_BRCA2_DN
                                                                                                                                          GOBP_NEGATIVE_REGULATION_OF_SPHINGOLIPID_BIOSYNTHETIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_SPHINGOLIPID_BIOSYNTHETIC_PROCESS
                                                                                                                                         BIOCARTA_CIRCADIAN_PATHWAY, BIOCARTA_CIRCADIAN_PATHWAY
                                                                                                                                         HP_DARK_URINE, HP_DARK_URINE
                                                                                                                                         GOBP_PROTEIN_LOCALIZATION_TO_ADHERENS_JUNCTION, GOBP_PROTEIN_LOCALIZATION_TO_ADHERENS_JUNCTION
                                                                                                                                         GOBP_ENDOPLASMIC_RETICULUM_MEMBRANE_ORGANIZATION, GOBP_ENDOPLASMIC_RETICULUM_MEMBRANE_ORGANIZATION
                                                                                                                                         GOBP_REGULATION_OF_CENTROMERE_COMPLEX_ASSEMBLY, GOBP_REGULATION_OF_CENTROMERE_COMPLEX_ASSEMBLY
                                                                                                                                         GOBP_PROTEIN_DNA_COVALENT_CROSS_LINKING_REPAIR, GOBP_PROTEIN_DNA_COVALENT_CROSS_LINKING_REPAIR
                                                                                                                                         GOBP_PROTEIN_NEDDYLATION, GOBP_PROTEIN_NEDDYLATION
                                                                                                                                         GOBP_RESPONSE_TO_INTERLEUKIN_2, GOBP_RESPONSE_TO_INTERLEUKIN_2
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_RECEPTOR_RECYCLING, GOBP_POSITIVE_REGULATION_OF_RECEPTOR_RECYCLING
                                                                                                                                         MEF2_04, MEF2_04
                                                                                                                                          GOBP_SEQUESTERING_OF_ZINC_ION, GOBP_SEQUESTERING_OF_ZINC_ION
                                                                                                                                          HP_CORNEAL_DYSTROPHY, HP_CORNEAL_DYSTROPHY
                                                                                                                                         MIR4507, MIR4507
                                                                                                                                          REACTOME_CTLA4_INHIBITORY_SIGNALING, REACTOME_CTLA4_INHIBITORY_SIGNALING
                                                                                                                                          HP_ATLANTOAXIAL_ABNORMALITY, HP_ATLANTOAXIAL_ABNORMALITY
                                                                                                                                         HP_INFANTILE_AXIAL_HYPOTONIA, HP_INFANTILE_AXIAL_HYPOTONIA
                                                                                                                                          GOBP_PHOTOTRANSDUCTION, GOBP_PHOTOTRANSDUCTION
                                                                                                                                         HP_CONE_SHAPED_EPIPHYSES_OF_THE_PHALANGES_OF_THE_HAND, HP_CONE_SHAPED_EPIPHYSES_OF_THE_PHALANGES_OF_THE_HAND
                                                                                                                                         WP_GAMMAGLUTAMYL_CYCLE_FOR_THE_BIOSYNTHESIS_AND_DEGRADATION_OF_GLUTATHIONE_INCLUDING_DISEASES, WP_GAMMAGLUTAMYL_CYCLE_FOR_THE_BIOSYNTHESIS_AND_DEGRADATION_OF_GLUTATHIONE_INCLUDING_DISEASES
                                                                                                                                          GOBP_CAMP_CATABOLIC_PROCESS, GOBP_CAMP_CATABOLIC_PROCESS
                                                                                                                                          GOMF_CILIARY_NEUROTROPHIC_FACTOR_RECEPTOR_BINDING, GOMF_CILIARY_NEUROTROPHIC_FACTOR_RECEPTOR_BINDING
                                                                                                                                         WP_APOE_AND_MIR146_IN_INFLAMMATION_AND_ATHEROSCLEROSIS, WP_APOE_AND_MIR146_IN_INFLAMMATION_AND_ATHEROSCLEROSIS
                                                                                                                                          GOBP_CELLULAR_RESPONSE_TO_COLD, GOBP_CELLULAR_RESPONSE_TO_COLD
                                                                                                                                         GOBP_PYRIDINE_CONTAINING_COMPOUND_CATABOLIC_PROCESS, GOBP_PYRIDINE_CONTAINING_COMPOUND_CATABOLIC_PROCESS
                                                                                                                                          GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_SIGNALING_PATHWAY
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_STEM_CELL_POPULATION_MAINTENANCE, GOBP_POSITIVE_REGULATION_OF_STEM_CELL_POPULATION_MAINTENANCE
                                                                                                                                         HP_FLARING_OF_RIB_CAGE, HP_FLARING_OF_RIB_CAGE
                                                                                                                                          GOBP_DOLICHYL_DIPHOSPHATE_BIOSYNTHETIC_PROCESS, GOBP_DOLICHYL_DIPHOSPHATE_BIOSYNTHETIC_PROCESS
                                                                                                                                          GOBP_NEGATIVE_REGULATION_OF_ACTIVATED_T_CELL_PROLIFERATION, GOBP_NEGATIVE_REGULATION_OF_ACTIVATED_T_CELL_PROLIFERATION
                                                                                                                                         HP_LIP_PIT, HP_LIP_PIT
                                                                                                                                          HP_ABNORMAL_ORAL_FRENULUM_MORPHOLOGY, HP_ABNORMAL_ORAL_FRENULUM_MORPHOLOGY
                                                                                                                                         GOBP_CYCLIC_NUCLEOTIDE_CATABOLIC_PROCESS, GOBP_CYCLIC_NUCLEOTIDE_CATABOLIC_PROCESS
                                                                                                                                         NKX25_01, NKX25_01
                                                                                                                                          GOBP_TERPENOID_BIOSYNTHETIC_PROCESS, GOBP_TERPENOID_BIOSYNTHETIC_PROCESS
                                                                                                                                          TSUDA_ALVEOLAR_SOFT_PART_SARCOMA, TSUDA_ALVEOLAR_SOFT_PART_SARCOMA
                                                                                                                                         GOBP_ESTABLISHMENT_OF_LYMPHOCYTE_POLARITY, GOBP_ESTABLISHMENT_OF_LYMPHOCYTE_POLARITY
                                                                                                                                         REACTOME_P75NTR_RECRUITS_SIGNALLING_COMPLEXES, REACTOME_P75NTR_RECRUITS_SIGNALLING_COMPLEXES
                                                                                                                                         GSE29615_CTRL_VS_DAY7_LAIV_FLU_VACCINE_PBMC_DN, GSE29615_CTRL_VS_DAY7_LAIV_FLU_VACCINE_PBMC_DN
                                                                                                                                         REACTOME_REGULATED_PROTEOLYSIS_OF_P75NTR, REACTOME_REGULATED_PROTEOLYSIS_OF_P75NTR
                                                                                                                                         HP_DECREASED_SERUM_COMPLEMENT_C3, HP_DECREASED_SERUM_COMPLEMENT_C3
                                                                                                                                         GOBP_LIPID_DROPLET_FORMATION, GOBP_LIPID_DROPLET_FORMATION
                                                                                                                                         MODULE 528, MODULE 528
                                                                                                                                          GOMF_LEUCINE_ZIPPER_DOMAIN_BINDING, GOMF_LEUCINE_ZIPPER_DOMAIN_BINDING
                                                                                                                                         HP_BARREL_SHAPED_CHEST, HP_BARREL_SHAPED_CHEST
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY
                                                                                                                                         GOBP_LEUKEMIA_INHIBITORY_FACTOR_SIGNALING_PATHWAY, GOBP_LEUKEMIA_INHIBITORY_FACTOR_SIGNALING_PATHWAY
                                                                                                                                         GOBP_PEPTIDYL_LYSINE_HYDROXYLATION, GOBP_PEPTIDYL_LYSINE_HYDROXYLATION
                                                                                                                                         GOBP_ONCOSTATIN_M_MEDIATED_SIGNALING_PATHWAY, GOBP_ONCOSTATIN_M_MEDIATED_SIGNALING_PATHWAY
                                                                                                                                         TURASHVILI_BREAST_CARCINOMA_DUCTAL_VS_LOBULAR_DN, TURASHVILI_BREAST_CARCINOMA_DUCTAL_VS_LOBULAR_DN
                                                                                                                                         GOBP_HISTAMINE_PRODUCTION_INVOLVED_IN_INFLAMMATORY_RESPONSE, GOBP_HISTAMINE_PRODUCTION_INVOLVED_IN_INFLAMMATORY_RESPONSE
                                                                                                                                         GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_INDEPENDENT_DECAY, GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_INDEPENDENT_DECAY
                                                                                                                                         FARDIN_HYPOXIA_9, FARDIN_HYPOXIA_9
                                                                                                                                         HP_HYPOINTENSITY_OF_CEREBRAL_WHITE_MATTER_ON_MRI, HP_HYPOINTENSITY_OF_CEREBRAL_WHITE_MATTER_ON_MRI
                                                                                                                                         HP_ABSENT_STERNAL_OSSIFICATION, HP_ABSENT_STERNAL_OSSIFICATION
                                                                                                                                         HP_LACRIMAL_DUCT_APLASIA, HP_LACRIMAL_DUCT_APLASIA
                                                                                                                                         HP_ABNORMAL_BRAIN_CHOLINE_LEVEL_BY_MRS, HP_ABNORMAL_BRAIN_CHOLINE_LEVEL_BY_MRS
                                                                                                                                         GOBP_TRNA_PSEUDOURIDINE_SYNTHESIS, GOBP_TRNA_PSEUDOURIDINE_SYNTHESIS
                                                                                                                                         GOBP_COPPER_ION_TRANSMEMBRANE_TRANSPORT, GOBP_COPPER_ION_TRANSMEMBRANE_TRANSPORT
                                                                                                                                         GOBP_CELLULAR_SPHINGOLIPID_HOMEOSTASIS, GOBP_CELLULAR_SPHINGOLIPID_HOMEOSTASIS
                                                                                                                                         GOMF_COPPER_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_COPPER_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                                         GOMF_TRNA_ADENINE_METHYLTRANSFERASE_ACTIVITY, GOMF_TRNA_ADENINE_METHYLTRANSFERASE_ACTIVITY
                                                                                                                                         HP_SLOW_PUPILLARY_LIGHT_RESPONSE, HP_SLOW_PUPILLARY_LIGHT_RESPONSE
                                                                                                                                         WP_FTO_OBESITY_VARIANT_MECHANISM, WP_FTO_OBESITY_VARIANT_MECHANISM
                                                                                                                                         HP_INFANTILE_ENCEPHALOPATHY, HP_INFANTILE_ENCEPHALOPATHY
                                                                                                                                         GOBP_POLYPRENOL_METABOLIC_PROCESS, GOBP_POLYPRENOL_METABOLIC_PROCESS
                                                                                                                                         WP_HIJACK_OF_UBIQUITINATION_BY_SARSCOV2, WP_HIJACK_OF_UBIQUITINATION_BY_SARSCOV2
                                                                                                                                         MIR602, MIR602
                                                                                                                                         HP_NARROW_ILIAC_WINGS, HP_NARROW_ILIAC_WINGS
                                                                                                                                         HP_BRANCHIAL_FISTULA, HP_BRANCHIAL_FISTULA
                                                                                                                                         HP_UPPER_LIMB_HYPERTONIA, HP_UPPER_LIMB_HYPERTONIA
                                                                                                                                         HAY_BONE_MARROW_CD34_POS_MEP, HAY_BONE_MARROW_CD34_POS_MEP
                                                                                                                                         GOBP_PLASMA_MEMBRANE_TO_ENDOSOME_TRANSPORT, GOBP_PLASMA_MEMBRANE_TO_ENDOSOME_TRANSPORT
                                                                                                                                         REACTOME_WNT_MEDIATED_ACTIVATION_OF_DVL, REACTOME_WNT_MEDIATED_ACTIVATION_OF_DVL
                                                                                                                                         QI_PBMC_ZOSTAVAX_AGE_50_75YO_CORRELATED_WITH_T_CELL_RESPONSES_1D_INFORMATIVE_OF_LONG_TERM_RESPONSES_NEGATIVE
                                                                                                                                         GOCC_ZYMOGEN_GRANULE, GOCC_ZYMOGEN_GRANULE
                                                                                                                                         KEGG_CIRCADIAN_RHYTHM_MAMMAL, KEGG_CIRCADIAN_RHYTHM_MAMMAL
                                                                                                                                         TTANWNANTGGM_UNKNOWN, TTANWNANTGGM_UNKNOWN
                                                                                                                                         GOBP_REGULATION_OF_PROTEIN_NEDDYLATION, GOBP_REGULATION_OF_PROTEIN_NEDDYLATION
                                                                                                                                         GOMF_IRON_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_IRON_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                                         HP_IMPAIRED_OROPHARYNGEAL_SWALLOW_RESPONSE, HP_IMPAIRED_OROPHARYNGEAL_SWALLOW_RESPONSE
                                                                                                                                         GOBP_PROTEIN_INSERTION_INTO_ER_MEMBRANE_BY_STOP_TRANSFER_MEMBRANE_ANCHOR_SEQUENCE, GOBP_PROTEIN_INSERTION_INTO_ER_MEMBRANE_BY_STOP_TRANSFER_MEMBRANE_ANCHOR_SEQUENCE
                                                                                                                                         GOBP_REGULATION_OF_STEM_CELL_DIVISION, GOBP_REGULATION_OF_STEM_CELL_DIVISION
                                                                                                                                         GOCC_EMC_COMPLEX, GOCC_EMC_COMPLEX
                                                                                                                                         GOMF_PHOSPHATASE_ACTIVATOR_ACTIVITY, GOMF_PHOSPHATASE_ACTIVATOR_ACTIVITY
                                                                                                                                         HP ABNORMAL ANTERIOR CHAMBER MORPHOLOGY, HP ABNORMAL ANTERIOR CHAMBER MORPHOLOGY
                                                                                                                                         GOCC_ANCHORED_COMPONENT_OF_SYNAPTIC_MEMBRANE, GOCC_ANCHORED_COMPONENT_OF_SYNAPTIC_MEMBRANE
                                                                                                                                         GOBP_SERTOLI_CELL_DEVELOPMENT, GOBP_SERTOLI_CELL_DEVELOPMENT
                                                                                                                                         WEBER_METHYLATED_HCP_IN_FIBROBLAST_UP, WEBER_METHYLATED_HCP_IN_FIBROBLAST_UP
                                                                                                                                         GOMF_RNA_POLYMERASE_III_GENERAL_TRANSCRIPTION_INITIATION_FACTOR_ACTIVITY, GOMF_RNA_POLYMERASE_III_GENERAL_TRANSCRIPTION_INITIATION_FACTOR_ACTIVITY
                                                                                                                                         GOBP_REGULATION_OF_STEM_CELL_POPULATION_MAINTENANCE, GOBP_REGULATION_OF_STEM_CELL_POPULATION_MAINTENANCE
                                                                                                                                         GOBP_DENTATE_GYRUS_DEVELOPMENT, GOBP_DENTATE_GYRUS_DEVELOPMENT
                                                                                                                                         WP_MELATONIN_METABOLISM_AND_EFFECTS, WP_MELATONIN_METABOLISM_AND_EFFECTS
                                                                                                                                         GOBP REGULATION OF KERATINOCYTE DIFFERENTIATION, GOBP REGULATION OF KERATINOCYTE DIFFERENTIATION
                                                                                                                                         MAHAJAN_RESPONSE_TO_IL1A_UP, MAHAJAN_RESPONSE_TO_IL1A_UP
                                                                                                                                         HP_ABNORMALITY_OF_THE_EPIPHYSES_OF_THE_FEET, HP_ABNORMALITY_OF_THE_EPIPHYSES_OF_THE_FEET
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_CERAMIDE_BIOSYNTHETIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_CERAMIDE_BIOSYNTHETIC_PROCESS
                                                                                                                                         HP_WIDE_PUBIC_SYMPHYSIS, HP_WIDE_PUBIC_SYMPHYSIS
                                                                                                                                         HP_MENINGOENCEPHALOCELE, HP_MENINGOENCEPHALOCELE
                                                                                                                                         HP_HEAD_BANGING, HP_HEAD_BANGING
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_ENDOPLASMIC_RETICULUM_STRESS_INDUCED_EIF2_ALPHA_PHOSPHORYLATION, GOBP_NEGATIVE_REGULATION_OF_ENDOPLASMIC_RETICULUM_STRESS_INDUCED_EIF2_ALPHA_PHOSPHORYLATION
                                                                                                                                         GOCC_MON1_CCZ1_COMPLEX, GOCC_MON1_CCZ1_COMPLEX
                                                                                                                                         GOMF_CADMIUM_ION_BINDING, GOMF_CADMIUM_ION_BINDING
                                                                                                                                         GOMF_ADP_RIBOSE_DIPHOSPHATASE_ACTIVITY, GOMF_ADP_RIBOSE_DIPHOSPHATASE_ACTIVITY
                                                                                                                                         HP_HYPERESTHESIA, HP_HYPERESTHESIA
                                                                                                                                         GOMF_CILIARY_NEUROTROPHIC_FACTOR_RECEPTOR_ACTIVITY, GOMF_CILIARY_NEUROTROPHIC_FACTOR_RECEPTOR_ACTIVITY
                                                                                                                                         chr18q21, chr18q21
                                                                                                                                         TCCGTCC_MIR184, TCCGTCC_MIR184
                                                                                                                                         GOBP_REGULATION_OF_ER_TO_GOLGI_VESICLE_MEDIATED_TRANSPORT, GOBP_REGULATION_OF_ER_TO_GOLGI_VESICLE_MEDIATED_TRANSPORT
                                                                                                                                         HP_FACIAL_SHAPE_DEFORMATION, HP_FACIAL_SHAPE_DEFORMATION
                                                                                                                                         HP_CUTANEOUS_FINGER_SYNDACTYLY, HP_CUTANEOUS_FINGER_SYNDACTYLY
                                                                                                                                         GOMF_NUCLEOSIDE_DIPHOSPHATASE_ACTIVITY, GOMF_NUCLEOSIDE_DIPHOSPHATASE_ACTIVITY
                                                                                                                                         HP_ASYMMETRY_OF_THE_THORAX, HP_ASYMMETRY_OF_THE_THORAX
                                                                                                                                         GOBP_NOTCH_RECEPTOR_PROCESSING, GOBP_NOTCH_RECEPTOR_PROCESSING
                                                                                                                                         GOBP_PHOSPHATIDYLGLYCEROL_BIOSYNTHETIC_PROCESS, GOBP_PHOSPHATIDYLGLYCEROL_BIOSYNTHETIC_PROCESS
                                                                                                                                         MODULE_471, MODULE_471
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_RRNA_PROCESSING, GOBP_POSITIVE_REGULATION_OF_RRNA_PROCESSING
                                                                                                                                         HP_ABNORMALITY_OF_VON_WILLEBRAND_FACTOR, HP_ABNORMALITY_OF_VON_WILLEBRAND_FACTOR
                                                                                                                                         GOBP_RIBONUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS, GOBP_RIBONUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS
                                                                                                                                         GOBP_PANTOTHENATE_METABOLIC_PROCESS, GOBP_PANTOTHENATE_METABOLIC_PROCESS
                                                                                                                                         GOMF_AMIDINE_LYASE_ACTIVITY, GOMF_AMIDINE_LYASE_ACTIVITY
                                                                                                                                         GOBP_SERTOLI_CELL_DIFFERENTIATION, GOBP_SERTOLI_CELL_DIFFERENTIATION
                                                                                                                                         HP_ABNORMAL_COCHLEA_MORPHOLOGY, HP_ABNORMAL_COCHLEA_MORPHOLOGY
                                                                                                                                         GOBP_POSITIVE_REGULATION_OF_ASTROCYTE_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_ASTROCYTE_DIFFERENTIATION
                                                                                                                                         GOBP_TYROSINE_METABOLIC_PROCESS, GOBP_TYROSINE_METABOLIC_PROCESS
                                                                                                                                         BIOCARTA_NOTCH_PATHWAY, BIOCARTA_NOTCH_PATHWAY
                                                                                                                                         MIR1180 3P, MIR1180 3P
                                                                                                                                         HP_IMPAIRED_RISTOCETIN_INDUCED_PLATELET_AGGREGATION, HP_IMPAIRED_RISTOCETIN_INDUCED_PLATELET_AGGREGATION
                                                                                                                                         GOMF_ONCOSTATIN_M_RECEPTOR_ACTIVITY, GOMF_ONCOSTATIN_M_RECEPTOR_ACTIVITY
                                                                                                                                         MIR10392_3P, MIR10392_3P
                                                                                                                                         HP_IVORY_EPIPHYSES, HP_IVORY_EPIPHYSES
                                                                                                                                         GOBP_HISTONE_DEPHOSPHORYLATION, GOBP_HISTONE_DEPHOSPHORYLATION
                                                                                                                                         GOMF_OLIGOSACCHARYL_TRANSFERASE_ACTIVITY, GOMF_OLIGOSACCHARYL_TRANSFERASE_ACTIVITY
                                                                                                                                         GOMF_DNA_METHYLTRANSFERASE_ACTIVITY, GOMF_DNA_METHYLTRANSFERASE_ACTIVITY
                                                                                                                                         GOMF_THIOL_OXIDASE_ACTIVITY, GOMF_THIOL_OXIDASE_ACTIVITY
                                                                                                                                         REACTOME_SYNTHESIS_OF_DOLICHYL_PHOSPHATE, REACTOME_SYNTHESIS_OF_DOLICHYL_PHOSPHATE
                                                                                                                                         GOMF_NUCLEOTIDASE_ACTIVITY, GOMF_NUCLEOTIDASE_ACTIVITY
                                                                                                                                         chr13q22, chr13q22
                                                                                                                                         REACTOME_N_GLYCAN_ANTENNAE_ELONGATION_IN_THE_MEDIAL_TRANS_GOLGI, REACTOME_N_GLYCAN_ANTENNAE_ELONGATION_IN_THE_MEDIAL_TRANS_GOLGI
                                                                                                                                         VANDESLUIS_COMMD1_TARGETS_GROUP_2_UP, VANDESLUIS_COMMD1_TARGETS_GROUP_2_UP
                                                                                                                                         GOBP_NEUROTRANSMITTER_RECEPTOR_TRANSPORT_TO_PLASMA_MEMBRANE, GOBP_NEUROTRANSMITTER_RECEPTOR_TRANSPORT_TO_PLASMA_MEMBRANE
                                                                                                                                         HP_RENAL_STEATOSIS, HP_RENAL_STEATOSIS
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_AMYLOID_BETA_CLEARANCE, GOBP_NEGATIVE_REGULATION_OF_AMYLOID_BETA_CLEARANCE
                                                                                                                                         GOMF_ACETYLCHOLINE_RECEPTOR_BINDING, GOMF_ACETYLCHOLINE_RECEPTOR_BINDING
                                                                                                                                         REACTOME_INTERLEUKIN_6_SIGNALING, REACTOME_INTERLEUKIN_6_SIGNALING
                                                                                                                                         GOCC_PALMITOYLTRANSFERASE_COMPLEX, GOCC_PALMITOYLTRANSFERASE_COMPLEX
                                                                                                                                         GOCC_SMN_COMPLEX, GOCC_SMN_COMPLEX
                                                                                                                                         chr8q13, chr8q13
                                                                                                                                         GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_POSTSYNAPTIC_MEMBRANE, GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_POSTSYNAPTIC_MEMBRANE
                                                                                                                                         GOBP_MANGANESE_ION_TRANSMEMBRANE_TRANSPORT, GOBP_MANGANESE_ION_TRANSMEMBRANE_TRANSPORT
                                                                                                                                         GOMF_MANGANESE_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_MANGANESE_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                                         GOMF_CYTIDYLYLTRANSFERASE_ACTIVITY, GOMF_CYTIDYLYLTRANSFERASE_ACTIVITY
                                                                                                                                         CHESLER_BRAIN_D6MIT150_QTL_TRANS, CHESLER_BRAIN_D6MIT150_QTL_TRANS
                                                                                                                                         GOBP_REGULATION_OF_HISTONE_H3_K27_METHYLATION, GOBP_REGULATION_OF_HISTONE_H3_K27_METHYLATION
                                                                                                                                         GOBP_NEUROTRANSMITTER_RECEPTOR_TRANSPORT_ENDOSOME_TO_PLASMA_MEMBRANE, GOBP_NEUROTRANSMITTER_RECEPTOR_TRANSPORT_ENDOSOME_TO_PLASMA_MEMBRANE
                                                                                                                                         MIR1273C, MIR1273C
                                                                                                                                         HP_ABNORMALITY_OF_THE_GLENOID_FOSSA, HP_ABNORMALITY_OF_THE_GLENOID_FOSSA
                                                                                                                                         GOBP_COBALT_ION_TRANSPORT, GOBP_COBALT_ION_TRANSPORT
                                                                                                                                         GOBP_CELLULAR_RESPONSE_TO_HYDROPEROXIDE, GOBP_CELLULAR_RESPONSE_TO_HYDROPEROXIDE
                                                                                                                                         GOBP_CELLULAR_RESPONSE_TO_HYPEROXIA, GOBP_CELLULAR_RESPONSE_TO_HYPEROXIA
                                                                                                                                         PALOMERO GSI SENSITIVITY UP, PALOMERO GSI SENSITIVITY UP
                                                                                                                                         HP_PROGRESSIVE_SPASTIC_PARAPARESIS, HP_PROGRESSIVE_SPASTIC_PARAPARESIS
                                                                                                                                         GOBP_PROTEIN_REPAIR, GOBP_PROTEIN_REPAIR
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_MOLECULAR_FUNCTION_IN_OTHER_ORGANISM, GOBP_NEGATIVE_REGULATION_OF_MOLECULAR_FUNCTION_IN_OTHER_ORGANISM
                                                                                                                                         BIOCARTA_RARRXR_PATHWAY, BIOCARTA_RARRXR_PATHWAY
                                                                                                                                         MIR433_5P, MIR433_5P
                                                                                                                                         HP_SHORTENING_OF_ALL_MIDDLE_PHALANGES_OF_THE_FINGERS, HP_SHORTENING_OF_ALL_MIDDLE_PHALANGES_OF_THE_FINGERS
                                                                                                                                         HP_REDUCED_PANCREATIC_BETA_CELLS, HP_REDUCED_PANCREATIC_BETA_CELLS
                                                                                                                                         HP_COCHLEAR_MALFORMATION, HP_COCHLEAR_MALFORMATION
                                                                                                                                         HP OVERBITE, HP OVERBITE
                                                                                                                                          GOBP_REGULATION_OF_RAB_PROTEIN_SIGNAL_TRANSDUCTION, GOBP_REGULATION_OF_RAB_PROTEIN_SIGNAL_TRANSDUCTION
                                                                                                                                         GOBP_POINTED_END_ACTIN_FILAMENT_CAPPING, GOBP_POINTED_END_ACTIN_FILAMENT_CAPPING
                                                                                                                                         GOBP_EXTRACELLULAR_EXOSOME_ASSEMBLY, GOBP_EXTRACELLULAR_EXOSOME_ASSEMBLY
                                                                                                                                         GOBP_NEGATIVE_REGULATION_OF_OXIDATIVE_PHOSPHORYLATION, GOBP_NEGATIVE_REGULATION_OF_OXIDATIVE_PHOSPHORYLATION
                                                                                                                                         GOMF_RNA_POLYMERASE_II_CTD_HEPTAPEPTIDE_REPEAT_PHOSPHATASE_ACTIVITY, GOMF_RNA_POLYMERASE_II_CTD_HEPTAPEPTIDE_REPEAT_PHOSPHATASE_ACTIVITY
                                                                                                                                         HP_PROMINENT_CALCANEUS, HP_PROMINENT_CALCANEUS
                                                                                                                                         REACTOME_SYNTHESIS_OF_PG, REACTOME_SYNTHESIS_OF_PG
                                                                                                                                         REACTOME_NF_KB_IS_ACTIVATED_AND_SIGNALS_SURVIVAL, REACTOME_NF_KB_IS_ACTIVATED_AND_SIGNALS_SURVIVAL
                                                                                                                                         GOCC_ZYMOGEN_GRANULE_MEMBRANE, GOCC_ZYMOGEN_GRANULE_MEMBRANE
                                                                                                                                         HP_DECREASED_MEAN_CORPUSCULAR_VOLUME, HP_DECREASED_MEAN_CORPUSCULAR_VOLUME
                                                                                                                                        GOBP_REGULATION_OF_INTRACELLULAR_LIPID_TRANSPORT, GOBP_REGULATION_OF_INTRACELLULAR_LIPID_TRANSPORT
                                                                                                                                         REACTOME_REACTIONS_SPECIFIC_TO_THE_COMPLEX_N_GLYCAN_SYNTHESIS_PATHWAY, REACTOME_REACTIONS_SPECIFIC_TO_THE_COMPLEX_N_GLYCAN_SYNTHESIS_PATHWAY
                                                                                                                                         HP_ABNORMAL_PUPILLARY_LIGHT_REFLEX, HP_ABNORMAL_PUPILLARY_LIGHT_REFLEX
                                                                                                                                         NIKOLSKY_BREAST_CANCER_22Q13_AMPLICON, NIKOLSKY_BREAST_CANCER_22Q13_AMPLICON
                                                                                                                                         HP_TRANSIENT_NEONATAL_DIABETES_MELLITUS, HP_TRANSIENT_NEONATAL_DIABETES_MELLITUS
                                                                                                                                         KOBAYASHI_RESPONSE_TO_ROMIDEPSIN, KOBAYASHI_RESPONSE_TO_ROMIDEPSIN
                                                                                                                                         HP_SHAWL_SCROTUM, HP_SHAWL_SCROTUM
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GSE41867_NAIVE_VS_DAY30_LCMV_ARMSTRONG_MEMORY_CD8_TCELL_DN, GSE41867_NAIVE_VS_DAY30_LCMV_ARMSTRONG_MEMORY_CD8_TCELL_DN

GSE41867_NAIVE_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_UP, GSE41867_NAIVE_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_UP

GSE41867_DAY6_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN, GSE41867_DAY6_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN

GSE41867_DAY6_VS_DAY8_LCMV_CLONE13_EFFECTOR_CD8_TCELL_DN, GSE41867_DAY6_VS_DAY8_LCMV_CLONE13_EFFECTOR_CD8_TCELL_DN

GSE11961_FOLLICULAR_BCELL_VS_MEMORY_BCELL_DAY7_DN, GSE11961_FOLLICULAR_BCELL_VS_MEMORY_BCELL_DAY7_DN

GSE11961_FOLLICULAR_BCELL_VS_GERMINAL_CENTER_BCELL_DAY7_UP, GSE11961_FOLLICULAR_BCELL_VS_GERMINAL_CENTER_BCELL_DAY7_UP