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GSE14908_RESTING_VS_HDM_STIM_CD4_TCELL_ATOPIC_PATIENT_UP, GSE14908_RESTING_VS_HDM_STIM_CD4_TCELL_ATOPIC_PATIENT_UP
                                                                                                                                           GSE11961_MARGINAL_ZONE_BCELL_VS_MEMORY_BCELL_DAY40_DN, GSE11961_MARGINAL_ZONE_BCELL_VS_MEMORY_BCELL_DAY40_DN
                                                                                                                                           GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY8_EFFECTOR_CD8_TCELL_UP, GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY8_EFFECTOR_CD8_TCELL_UP
                                                                                                                                           GSE41867_DAY8_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN, GSE41867_DAY8_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN
                                                                                                                                           GSE41867_DAY6_VS_DAY8_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_UP, GSE41867_DAY6_VS_DAY8_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_UP
                                                                                                                                           GSE7460_CTRL_VS_TGFB_TREATED_ACT_FOXP3_HET_TCONV_UP, GSE7460_CTRL_VS_TGFB_TREATED_ACT_FOXP3_HET_TCONV_UP
                                                                                                                                           GSE15324_NAIVE_VS_ACTIVATED_ELF4_KO_CD8_TCELL_DN, GSE15324_NAIVE_VS_ACTIVATED_ELF4_KO_CD8_TCELL_DN
                                                                                                                                           GSE39820_CTRL_VS_IL1B_IL6_IL23A_CD4_TCELL_UP, GSE39820_CTRL_VS_IL1B_IL6_IL23A_CD4_TCELL_UP
                                                                                                                                           GSE11961 FOLLICULAR BCELL VS MEMORY BCELL DAY7 DN, GSE11961 FOLLICULAR BCELL VS MEMORY BCELL DAY7 DN
                                                                                                                                          GSE25085_FETAL_LIVER_VS_FETAL_BM_SP4_THYMIC_IMPLANT_DN, GSE25085_FETAL_LIVER_VS_FETAL_BM_SP4_THYMIC_IMPLANT_DN
                                                                                                                                           GSE41867_NAIVE_VS_DAY6_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_UP, GSE41867_NAIVE_VS_DAY6_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_UP
                                                                                                                                           GSE20715_0H_VS_6H_OZONE_TLR4_KO_LUNG_DN, GSE20715_0H_VS_6H_OZONE_TLR4_KO_LUNG_DN
                                                                                                                                           MIR5579_3P, MIR5579_3P
                                                                                                                                           MIR379_3P_MIR411_3P, MIR379_3P_MIR411_3P
                                                                                                                                           GSE20366_CD103_POS_VS_CD103_KLRG1_DP_TREG_UP, GSE20366_CD103_POS_VS_CD103_KLRG1_DP_TREG_UP
                                                                                                                                           MIR4735_5P, MIR4735_5P
                                                                                                                                          GSE43955_10H_VS_30H_ACT_CD4_TCELL_DN, GSE43955_10H_VS_30H_ACT_CD4_TCELL_DN
                                                                                                                                           MIR7850 5P, MIR7850 5P
                                                                                                                                          MIR561 5P, MIR561 5P
                                                                                                                                          MIR21_5P, MIR21_5P
                                                                                                                                           GSE20715 0H VS 6H OZONE LUNG DN, GSE20715 0H VS 6H OZONE LUNG DN
                                                                                                                                           MIR2054, MIR2054
                                                                                                                                          MIR3177_5P, MIR3177_5P
                                                                                                                                          MIR6715B_3P, MIR6715B_3P
                                                                                                                                          MIR590_5P, MIR590_5P
                                                                                                                                          MIR141 5P, MIR141 5P
                                                                                                                                          GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_MDC_UP, GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_MDC_UP
                                                                                                                                          MIR584_3P, MIR584_3P
                                                                                                                                          MIR2681_5P, MIR2681_5P
                                                                                                                                          MIR17_3P, MIR17_3P
                                                                                                                                          MIR3157_5P, MIR3157_5P
                                                                                                                                          MIR6762_3P, MIR6762_3P
                                                                                                                                          MIR3159, MIR3159
                                                                                                                                          MIR3201, MIR3201
                                                                                                                                          BROWNE_HCMV_INFECTION_10HR_DN, BROWNE_HCMV_INFECTION_10HR_DN
                                                                                                                                          MIR383_5P, MIR383_5P
                                                                                                                                          MIR6806_5P, MIR6806_5P
                                                                                                                                          MIR219B_5P, MIR219B_5P
                                                                                                                                          SMID_BREAST_CANCER_LUMINAL_B_UP, SMID_BREAST_CANCER_LUMINAL_B_UP
                                                                                                                                          GOBP_VASCULAR_TRANSPORT, GOBP_VASCULAR_TRANSPORT
                                                                                                                                          FULLER_PBMC_F_TULARENSIS_VACCINE_LVS_AGE_22_54YO_18HR_TO_48HR_EARLY_UP, FULLER_PBMC_F_TULARENSIS_VACCINE_LVS_AGE_22_54YO_18HR_TO_48HR_EARLY_UP
                                                                                                                                          WNT UP.V1 UP, WNT UP.V1 UP
                                                                                                                                         WP_PHOTODYNAMIC_THERAPYINDUCED_NFE2L2_NRF2_SURVIVAL_SIGNALING, WP_PHOTODYNAMIC_THERAPYINDUCED_NFE2L2_NRF2_SURVIVAL_SIGNALING
                                                                                                                                          / MIR6888_5P, MIR6888_5P
                                                                                                                                           MIR635, MIR635
                                                                                                                                          / HP_EEG_WITH_BURST_SUPPRESSION, HP_EEG_WITH_BURST_SUPPRESSION
                                                                                                                                          HAN_JNK_SINGALING_DN, HAN_JNK_SINGALING_DN
                                                                                                                                           GGGATGC_MIR3245P, GGGATGC_MIR3245P
                                                                                                                                           MIR648, MIR648
                                                                                                                                          HP_SOFT_SKIN, HP_SOFT_SKIN
                                                                                                                                          MIR323B 5P, MIR323B 5P
                                                                                                                                          HP_ABNORMALITY_OF_HAND_JOINT_MOBILITY, HP_ABNORMALITY_OF_HAND_JOINT_MOBILITY
30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN, GSE41867_DAY6_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN
                                                                                                                                          HP_SCROTAL_HYPOPLASIA, HP_SCROTAL_HYPOPLASIA
                                                                                                                                           HP_ABNORMAL_CONUS_TERMINALIS_MORPHOLOGY, HP_ABNORMAL_CONUS_TERMINALIS_MORPHOLOGY
                                                                                                                                           HP CRANIAL ASYMMETRY, HP CRANIAL ASYMMETRY
                                                                                                                                           HP_NEONATAL_ONSET, HP_NEONATAL_ONSET
                                                                                                                                           REACTOME_TRANSPORT_OF_BILE_SALTS_AND_ORGANIC_ACIDS_METAL_IONS_AND_AMINE_COMPOUNDS, REACTOME_TRANSPORT_OF_BILE_SALTS_AND_ORGANIC_ACIDS_METAL_IONS_AND_AMINE_COMPOUNDS
                                                                                                                                           CHANGOLKAR_H2AFY_TARGETS_UP, CHANGOLKAR_H2AFY_TARGETS_UP
                                                                                                                                           GOBP_SULFUR_COMPOUND_TRANSPORT, GOBP_SULFUR_COMPOUND_TRANSPORT
                                                                                                                                          HP_LIMITED_ELBOW_EXTENSION, HP_LIMITED_ELBOW_EXTENSION
                                                                                                                                          HP_SHORT_UPPER_LIP, HP_SHORT_UPPER_LIP
                                                                                                                                          HP_HYPERCONVEX_NAIL, HP_HYPERCONVEX_NAIL
                                                                                                                                          GOBP_ANTERIOR_POSTERIOR_AXIS_SPECIFICATION, GOBP_ANTERIOR_POSTERIOR_AXIS_SPECIFICATION
                                                                                                                                          HP_STENOSIS_OF_THE_EXTERNAL_AUDITORY_CANAL, HP_STENOSIS_OF_THE_EXTERNAL_AUDITORY_CANAL
                                                                                                                                          GOMF_MONOCARBOXYLIC_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_MONOCARBOXYLIC_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                                          HP_ABNORMAL_STERNAL_OSSIFICATION, HP_ABNORMAL_STERNAL_OSSIFICATION
                                                                                                                                          GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_CYTOKINE_PRODUCTION_INVOLVED_IN_IMMUNE_RESPONSE, GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_CYTOKINE_PRODUCTION_INVOLVED_IN
                                                                                                                                          GOBP_TRIPARTITE_REGIONAL_SUBDIVISION, GOBP_TRIPARTITE_REGIONAL_SUBDIVISION
                                                                                                                                          HP_HYPEREXTENSIBILITY_OF_THE_FINGER_JOINTS, HP_HYPEREXTENSIBILITY_OF_THE_FINGER_JOINTS
                                                                                                                                          HP_PSEUDOEPIPHYSES, HP_PSEUDOEPIPHYSES
                                                                                                                                          GOBP_EMBRYONIC_PATTERN_SPECIFICATION, GOBP_EMBRYONIC_PATTERN_SPECIFICATION
                                                                                                                                          GSE29615_CTRL_VS_DAY7_LAIV_FLU_VACCINE_PBMC_DN, GSE29615_CTRL_VS_DAY7_LAIV_FLU_VACCINE_PBMC_DN
                                                                                                                                          HP_HYPOPLASIA_OF_THE_IRIS, HP_HYPOPLASIA_OF_THE_IRIS
                                                                                                                                          GOMF_VITAMIN_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_VITAMIN_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                                          HP_ABNORMALITY_OF_METACARPAL_EPIPHYSES, HP_ABNORMALITY_OF_METACARPAL_EPIPHYSES
                                                                                                                                          GOBP BLASTODERM SEGMENTATION, GOBP BLASTODERM SEGMENTATION
                                                                                                                                          HP_RECURRENT_JOINT_DISLOCATION, HP_RECURRENT_JOINT_DISLOCATION
                                                                                                                                          GOBP_NEUROENDOCRINE_CELL_DIFFERENTIATION, GOBP_NEUROENDOCRINE_CELL_DIFFERENTIATION
                                                                                                                                          GOBP_POSITIVE_REGULATION_OF_CHOLESTEROL_STORAGE, GOBP_POSITIVE_REGULATION_OF_CHOLESTEROL_STORAGE
                                                                                                                                          GOBP DIAPHRAGM DEVELOPMENT, GOBP DIAPHRAGM DEVELOPMENT
                                                                                                                                          HP_GENERALIZED_OSTEOPOROSIS, HP_GENERALIZED_OSTEOPOROSIS
                                                                                                                                          HP_ABNORMALITY_OF_ABDOMINAL_SITUS, HP_ABNORMALITY_OF_ABDOMINAL_SITUS
                                                                                                                                          GOBP THORAX AND ANTERIOR ABDOMEN DETERMINATION, GOBP THORAX AND ANTERIOR ABDOMEN DETERMINATION
                                                                                                                                          HP_INTERNALLY_NUCLEATED_SKELETAL_MUSCLE_FIBERS, HP_INTERNALLY_NUCLEATED_SKELETAL_MUSCLE_FIBERS
                                                                                                                                          REACTOME_SCAVENGING_BY_CLASS_B_RECEPTORS, REACTOME_SCAVENGING_BY_CLASS_B_RECEPTORS
                                                                                                                                          HP_CRANIOFACIAL_ASYMMETRY, HP_CRANIOFACIAL_ASYMMETRY
                                                                                                                                          HANSON HRAS SIGNALING VIA NFKB, HANSON HRAS SIGNALING VIA NFKB
                                                                                                                                          GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_SIGNALING_PATHWAY
                                                                                                                                          HP_ABNORMAL_BLOOD_CARBON_DIOXIDE_LEVEL, HP_ABNORMAL_BLOOD_CARBON_DIOXIDE_LEVEL
                                                                                                                                           DESCARTES_MAIN_FETAL_GOBLET_CELLS, DESCARTES_MAIN_FETAL_GOBLET_CELLS
                                                                                                                                           MIR1182, MIR1182
                                                                                                                                           GOBP_GROWTH_INVOLVED_IN_HEART_MORPHOGENESIS, GOBP_GROWTH_INVOLVED_IN_HEART_MORPHOGENESIS
                                                                                                                                           GOBP_RIBOFLAVIN_TRANSPORT, GOBP_RIBOFLAVIN_TRANSPORT
                                                                                                                                          GOBP_REGULATION_OF_SEQUESTERING_OF_ZINC_ION, GOBP_REGULATION_OF_SEQUESTERING_OF_ZINC_ION
                                                                                                                                           GOBP_REGULATION_OF_METANEPHROS_DEVELOPMENT, GOBP_REGULATION_OF_METANEPHROS_DEVELOPMENT
                                                                                                                                          GOMF_RIBOFLAVIN_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_RIBOFLAVIN_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                                           GOBP_HISTONE_H3_K27_DEMETHYLATION, GOBP_HISTONE_H3_K27_DEMETHYLATION
                                                                                                                                           GOMF_HISTONE_DEMETHYLASE_ACTIVITY_H3_K27_SPECIFIC, GOMF_HISTONE_DEMETHYLASE_ACTIVITY_H3_K27_SPECIFIC
                                                                                                                                           KIM_PTEN_TARGETS_DN, KIM_PTEN_TARGETS_DN
                                                                                                                                          HP_MALROTATION_OF_SMALL_BOWEL, HP_MALROTATION_OF_SMALL_BOWEL
                                                                                                                                           SU_PANCREAS, SU_PANCREAS
                                                                                                                                           FOURATI_BLOOD_TWINRIX_AGE_65_81Y0_RESPONDERS_VS_POOR_RESPONDERS_TRAINING_SET_0DY_NETWORK_INFERENCE_UP, FOURATI_BLOOD_TWINRIX_AGE_65_81Y0_RESPONDERS_VS_POOR_RESPONDERS_TRAINING
                                                                                                                                           GOBP_RESPONSE_TO_STILBENOID, GOBP_RESPONSE_TO_STILBENOID
                                                                                                                                           GOCC INHIBITORY SYNAPSE, GOCC INHIBITORY SYNAPSE
                                                                                                                                          GOMF_SPHINGOSINE_1_PHOSPHATE_RECEPTOR_ACTIVITY, GOMF_SPHINGOSINE_1_PHOSPHATE_RECEPTOR_ACTIVITY
                                                                                                                                           HP_PILI_CANALICULI, HP_PILI_CANALICULI
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GSE44649 NAIVE\_VS\_ACTIVATED\_CD8\_TCELL\_DN, GSE44649\_NAIVE\_VS\_ACTIVATED\_CD8\_TCELL\_DN

GSE41867 DAY6 VS DAY8 LCMV CLONE13 EFFECTOR CD8 TCELL DN, GSE41867 DAY6 VS DAY8 LCMV CLONE13 EFFECTOR CD8 TCELL DN