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GSE32533_WT_VS_MIR17_KO_ACT_CD4_TCELL_DN, GSE32533_WT_VS_MIR17_KO_ACT_CD4_TCELL_DN
  GSE21063_3H_VS_16H_ANTI_IGM_STIM_BCELL_DN, GSE21063_3H_VS_16H_ANTI_IGM_STIM_BCELL_DN
  GSE16266 CTRL VS HEATSHOCK AND LPS STIM MEF DN, GSE16266 CTRL VS HEATSHOCK AND LPS STIM MEF DN
  GSE9037_WT_VS_IRAK4_KO_LPS_1H_STIM_BMDM_UP, GSE9037_WT_VS_IRAK4_KO_LPS_1H_STIM_BMDM_UP
 GSE16385_IFNG_TNF_VS_UNSTIM_MACROPHAGE_ROSIGLITAZONE_TREATED_UP, GSE16385_IFNG_TNF_VS_UNSTIM_MACROPHAGE_ROSIGLITAZONE_TREATED_UP
 GSE10239_KLRG1INT_VS_KLRG1HIGH_EFF_CD8_TCELL_DN, GSE10239_KLRG1INT_VS_KLRG1HIGH_EFF_CD8_TCELL_DN
  GOBP_MITOTIC_SPINDLE_ASSEMBLY, GOBP_MITOTIC_SPINDLE_ASSEMBLY
  GOBP_POSITIVE_REGULATION_OF_CHROMATIN_ORGANIZATION, GOBP_POSITIVE_REGULATION_OF_CHROMATIN_ORGANIZATION
  HP_RETINOPATHY, HP_RETINOPATHY
  HP_ABNORMAL_CHORIORETINAL_MORPHOLOGY, HP_ABNORMAL_CHORIORETINAL_MORPHOLOGY
  GOMF_N_ACETYLTRANSFERASE_ACTIVITY, GOMF_N_ACETYLTRANSFERASE_ACTIVITY
  GOBP_ENDOCYTIC_RECYCLING, GOBP_ENDOCYTIC_RECYCLING
  JAZAG_TGFB1_SIGNALING_UP, JAZAG_TGFB1_SIGNALING_UP
  PLASARI_TGFB1_SIGNALING_VIA_NFIC_1HR_DN, PLASARI_TGFB1_SIGNALING_VIA_NFIC_1HR_DN
 PID_TCR_PATHWAY, PID_TCR_PATHWAY
 GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_DN, GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_DN
 MIR193B 5P, MIR193B 5P
 HP_CYSTIC_LIVER_DISEASE, HP_CYSTIC_LIVER_DISEASE
  HP_STOMATITIS, HP_STOMATITIS
  GOCC_TRANS_GOLGI_NETWORK_TRANSPORT_VESICLE, GOCC_TRANS_GOLGI_NETWORK_TRANSPORT_VESICLE
 HP_FIBROUS_TISSUE_NEOPLASM, HP_FIBROUS_TISSUE_NEOPLASM
 MIR4716_3P, MIR4716_3P
  MIR6794_5P, MIR6794_5P
 HP_HEMOPTYSIS, HP_HEMOPTYSIS
 PID CD8 TCR PATHWAY, PID CD8 TCR PATHWAY
 HP_ABNORMALITY_OF_T_CELL_PHYSIOLOGY, HP_ABNORMALITY_OF_T_CELL_PHYSIOLOGY
 GOBP_PEPTIDYL_LYSINE_DIMETHYLATION, GOBP_PEPTIDYL_LYSINE_DIMETHYLATION
  NAKAYA_PBMC_FLUAD_IMUVAC_MALE_AGE_14_27YO_CORRELATED_WITH_HAI_RESPONSE_MF59_ADJUVANTED_AND_NON_1DY_GENES_IN_BTM_M75_POSITIVE, NAKAYA_PBMC_FLUAD_IMUVAC_MALE_AGE_14_27YO_CORRELATED_WITH_HAI_RESPONSE_IMPS9_ADJUVANTED_AND_POSITIVE, NAKAYA_PBMC_FLUAD_IMUVAC_MALE_BTM_POSITIVE, NAKAYA_PBMC_FLUAD_IMUVAC_MALE_BTM_POSITIVE, NAKAYA_PBMC_FLUAD_IMUVAC_MALE_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD_IMUVAC_FLUAD
 MORF_ZNF10, MORF_ZNF10
 HOLLEMAN_VINCRISTINE_RESISTANCE_B_ALL_UP, HOLLEMAN_VINCRISTINE_RESISTANCE_B_ALL_UP
 MIR6790 5P, MIR6790 5P
 MORF_EPHA7, MORF_EPHA7
GOBP_NEGATIVE_REGULATION_OF_I_KAPPAB_KINASE_NF_KAPPAB_SIGNALING, GOBP_NEGATIVE_REGULATION_OF_I_KAPPAB_KINASE_NF_KAPPAB_SIGNALING
HARALAMBIEVA_PBMC_TIV_AGE_50_74YO_CORRELATED_WITH_MEMORY_B_CELL_RESPONSE_28DY_NEGATIVE, HARALAMBIEVA_PBMC_TIV_AGE_50_74YO_CORRELATED_WITH_MEMORY_B_CELL_RESPONSE_28DY_NEGATIVE
MIR4658, MIR4658
MIR1251_5P, MIR1251_5P
GOBP_N_TERMINAL_PROTEIN_AMINO_ACID_ACETYLATION, GOBP_N_TERMINAL_PROTEIN_AMINO_ACID_ACETYLATION
GOBP_MAINTENANCE_OF_SISTER_CHROMATID_COHESION, GOBP_MAINTENANCE_OF_SISTER_CHROMATID_COHESION
HP_DECREASED_CIRCULATING_LEVEL_OF_SPECIFIC_ANTIBODY, HP_DECREASED_CIRCULATING_LEVEL_OF_SPECIFIC_ANTIBODY
GOBP_NUCLEOBASE_CONTAINING_SMALL_MOLECULE_CATABOLIC_PROCESS, GOBP_NUCLEOBASE_CONTAINING_SMALL_MOLECULE_CATABOLIC_PROCESS
MIR4751, MIR4751
LAKE_ADULT_KIDNEY_C25_ENDOTHELIAL_CELLS_UNASSIGNED, LAKE_ADULT_KIDNEY_C25_ENDOTHELIAL_CELLS_UNASSIGNED
 GOBP_ENDOTHELIUM_DEVELOPMENT, GOBP_ENDOTHELIUM_DEVELOPMENT
HP ENDOCARDITIS, HP ENDOCARDITIS
HP_GINGIVAL_FIBROMATOSIS, HP_GINGIVAL_FIBROMATOSIS
 / GOBP_REGULATION_OF_CHROMATIN_ASSEMBLY_OR_DISASSEMBLY, GOBP_REGULATION_OF_CHROMATIN_ASSEMBLY_OR_DISASSEMBLY
 GOBP_REGULATION_OF_TRANSPOSITION, GOBP_REGULATION_OF_TRANSPOSITION
  MIR10A_3P, MIR10A_3P
  HP_MYOSITIS, HP_MYOSITIS
  HP_PLEURAL_EFFUSION, HP_PLEURAL_EFFUSION
  MARKS HDAC TARGETS UP, MARKS HDAC TARGETS UP
  SCIBETTA_KDM5B_TARGETS_UP, SCIBETTA_KDM5B_TARGETS_UP
  GOBP_REGULATION_OF_CHROMATIN_ASSEMBLY, GOBP_REGULATION_OF_CHROMATIN_ASSEMBLY
 HP_ABNORMAL_CARDIAC_TEST, HP_ABNORMAL_CARDIAC_TEST
 MIR4423_5P, MIR4423_5P
  HP_IMPAIRED_ANTIGEN_SPECIFIC_RESPONSE, HP_IMPAIRED_ANTIGEN_SPECIFIC_RESPONSE
  MODULE 9, MODULE 9
  GOBP_PEPTIDYL_METHIONINE_MODIFICATION, GOBP_PEPTIDYL_METHIONINE_MODIFICATION
  GOBP_MAINTENANCE_OF_PROTEIN_LOCATION_IN_NUCLEUS, GOBP_MAINTENANCE_OF_PROTEIN_LOCATION_IN_NUCLEUS
  HP_GANGRENE, HP_GANGRENE
  HP_ABNORMAL_DELAYED_HYPERSENSITIVITY_SKIN_TEST, HP_ABNORMAL_DELAYED_HYPERSENSITIVITY_SKIN_TEST
  GOMF_GTPASE_ACTIVATING_PROTEIN_BINDING, GOMF_GTPASE_ACTIVATING_PROTEIN_BINDING
  GOBP_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_VIA_DEATH_DOMAIN_RECEPTORS, GOBP_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_VIA_DEATH_DOMAIN_RECEPTORS
  MIR7848_3P, MIR7848_3P
  BIOCARTA_INTEGRIN_PATHWAY, BIOCARTA_INTEGRIN_PATHWAY
  REACTOME_SIGNALING_BY_ERBB2, REACTOME_SIGNALING_BY_ERBB2
 GOMF_GLUCOSYLTRANSFERASE_ACTIVITY, GOMF_GLUCOSYLTRANSFERASE_ACTIVITY
 GOBP_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_NEURON_DEATH, GOBP_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_NEURON_DEATH
 HP_ARTERIAL_THROMBOSIS, HP_ARTERIAL_THROMBOSIS
 MIR3684, MIR3684
 GOBP_POSITIVE_REGULATION_OF_CHROMATIN_ASSEMBLY_OR_DISASSEMBLY, GOBP_POSITIVE_REGULATION_OF_CHROMATIN_ASSEMBLY_OR_DISASSEMBLY
 BUCKANOVICH_T_LYMPHOCYTE_HOMING_ON_TUMOR_DN, BUCKANOVICH_T_LYMPHOCYTE_HOMING_ON_TUMOR_DN
 SA_CASPASE_CASCADE, SA_CASPASE_CASCADE
  BIOCARTA BBCELL PATHWAY, BIOCARTA BBCELL PATHWAY
 HP_DECREASED_SPECIFIC_ANTI_POLYSACCHARIDE_ANTIBODY_LEVEL, HP_DECREASED_SPECIFIC_ANTI_POLYSACCHARIDE_ANTIBODY_LEVEL
 BIOCARTA_TCAPOPTOSIS_PATHWAY, BIOCARTA_TCAPOPTOSIS_PATHWAY
GAO_LARGE_INTESTINE_24W_C8_GOBLET_CELL, GAO_LARGE_INTESTINE_24W_C8_GOBLET_CELL
 MORF_RAB3A, MORF_RAB3A
 GOMF ACYLGLYCEROL LIPASE ACTIVITY, GOMF ACYLGLYCEROL LIPASE ACTIVITY
 HP_ORCHITIS, HP_ORCHITIS
  YAMANAKA_GLIOBLASTOMA_SURVIVAL_DN, YAMANAKA_GLIOBLASTOMA_SURVIVAL_DN
 DACOSTA_LOW_DOSE_UV_RESPONSE_VIA_ERCC3_XPCS_UP, DACOSTA_LOW_DOSE_UV_RESPONSE_VIA_ERCC3_XPCS_UP
 HP_VENTRICULAR_FIBRILLATION, HP_VENTRICULAR_FIBRILLATION
 REACTOME_SIGNAL_ATTENUATION, REACTOME_SIGNAL_ATTENUATION
 MIR151A_5P_MIR151B, MIR151A_5P_MIR151B
 GOBP_POSITIVE_REGULATION_OF_STEM_CELL_PROLIFERATION, GOBP_POSITIVE_REGULATION_OF_STEM_CELL_PROLIFERATION
  VANLOO SP3 TARGETS UP, VANLOO SP3 TARGETS UP
 GOBP_CELLULAR_RESPONSE_TO_PURINE_CONTAINING_COMPOUND, GOBP_CELLULAR_RESPONSE_TO_PURINE_CONTAINING_COMPOUND
 MIR23A_5P, MIR23A_5P
  GOBP_NEGATIVE_REGULATION_OF_VIRAL_RELEASE_FROM_HOST_CELL, GOBP_NEGATIVE_REGULATION_OF_VIRAL_RELEASE_FROM_HOST_CELL
 GOBP_CELLULAR_RESPONSE_TO_HISTAMINE, GOBP_CELLULAR_RESPONSE_TO_HISTAMINE
 GOBP_REGULATION_OF_GLUCAN_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_GLUCAN_BIOSYNTHETIC_PROCESS
 GOBP_CELLULAR_RESPONSE_TO_CAFFEINE, GOBP_CELLULAR_RESPONSE_TO_CAFFEINE
 FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_1DY_NEGATIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZ
 GOBP_BUNDLE_OF_HIS_CELL_TO_PURKINJE_MYOCYTE_COMMUNICATION, GOBP_BUNDLE_OF_HIS_CELL_TO_PURKINJE_MYOCYTE_COMMUNICATION
 HP_HAND_TREMOR, HP_HAND_TREMOR
 GOBP_REGULATION_OF_NEUTROPHIL_EXTRAVASATION, GOBP_REGULATION_OF_NEUTROPHIL_EXTRAVASATION
 HP_INCREASED_C_PEPTIDE_LEVEL, HP_INCREASED_C_PEPTIDE_LEVEL
  GOBP_POSITIVE_REGULATION_OF_FATTY_ACID_METABOLIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_FATTY_ACID_METABOLIC_PROCESS
  MEISSNER_NPC_HCP_WITH_H3K27ME3, MEISSNER_NPC_HCP_WITH_H3K27ME3
  REACTOME_IONOTROPIC_ACTIVITY_OF_KAINATE_RECEPTORS, REACTOME_IONOTROPIC_ACTIVITY_OF_KAINATE_RECEPTORS
 GOBP_RESPONSE_TO_HISTAMINE, GOBP_RESPONSE_TO_HISTAMINE
  HP_ABSENT_OR_MINIMALLY_OSSIFIED_VERTEBRAL_BODIES, HP_ABSENT_OR_MINIMALLY_OSSIFIED_VERTEBRAL_BODIES
 BUCASAS_PBMC_FLUARIX_FLUVIRIN_CAUCASIAN_MALE_AGE_18_40YO_HIGH_RESPONDERS_1DY_3DY_POSITIVE_PREDICTIVE_OF_TITER,

BUCASAS_PBMC_FLUARIX_FLUVIRIN_CAUCASIAN_MALE_AGE_18_40YO_HIGH_RESPONDERS_1DY_3DY_POSITIVE_PREDICTIVE_OF_TITER
 GOBP NEGATIVE REGULATION OF DEFENSE RESPONSE TO BACTERIUM, GOBP NEGATIVE REGULATION OF DEFENSE RESPONSE TO BACTERIUM
  GOBP_NAD_BIOSYNTHESIS_VIA_NICOTINAMIDE_RIBOSIDE_SALVAGE_PATHWAY, GOBP_NAD_BIOSYNTHESIS_VIA_NICOTINAMIDE_RIBOSIDE_SALVAGE_PATHWAY
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GOBP_REGULATION_OF_CARDIAC_MUSCLE_CELL_ACTION_POTENTIAL_INVOLVED_IN_REGULATION_OF_CONTRACTION, GOBP_REGULATION_OF_CARDIAC_MUSCLE_CELL_ACTION_POTENTIAL_INVOLVED_IN_REGULATION_OF_CONTRACTION

GSE23321_CD8_STEM_CELL_MEMORY_VS_NAIVE_CD8_TCELL_DN, GSE23321_CD8_STEM_CELL_MEMORY_VS_NAIVE_CD8_TCELL_DN

GOBP_POSITIVE_REGULATION_OF_LIPOPROTEIN_METABOLIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_LIPOPROTEIN_METABOLIC_PROCESS

GOBP_RETINAL_CELL_APOPTOTIC_PROCESS, GOBP_RETINAL_CELL_APOPTOTIC_PROCESS

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Y VS CENTRAL MEMORY CD8 TCELL DN, GSE23321 CD8 STEM CELL MEMORY VS CENTRAL MEMORY CD8 TCELL DN