```
GSE36826_NORMAL_VS_STAPH_AUREUS_INF_IL1R_KO_SKIN_DN, GSE36826_NORMAL_VS_STAPH_AUREUS_INF_IL1R_KO_SKIN_DN
 GSE9960_HEALTHY_VS_GRAM_NEG_SEPSIS_PBMC_UP, GSE9960_HEALTHY_VS_GRAM_NEG_SEPSIS_PBMC_UP
 GSE360_HIGH_DOSE_B_MALAYI_VS_M_TUBERCULOSIS_DC_UP, GSE360_HIGH_DOSE_B_MALAYI_VS_M_TUBERCULOSIS_DC_UP
 GSE13484_3H_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_UP, GSE13484_3H_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_UP
 GSE36826_NORMAL_VS_STAPH_AUREUS_INF_IL1R_KO_SKIN_UP, GSE36826_NORMAL_VS_STAPH_AUREUS_INF_IL1R_KO_SKIN_UP
GSE41176_UNSTIM_VS_ANTI_IGM_STIM_BCELL_6H_UP, GSE41176_UNSTIM_VS_ANTI_IGM_STIM_BCELL_6H_UP
 GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_2H_UP, GSE36888_STAT5_AB_KNOCKIN_VS_WT_TCELL_IL2_TREATED_2H_UP
GSE30971_WBP7_HET_VS_KO_MACROPHAGE_4H_LPS_STIM_DN, GSE30971_WBP7_HET_VS_KO_MACROPHAGE_4H_LPS_STIM_DN
GSE36888_UNTREATED_VS_IL2_TREATED_TCELL_17H_UP, GSE36888_UNTREATED_VS_IL2_TREATED_TCELL_17H_UP
GSE42724_MEMORY_BCELL_VS_PLASMABLAST_DN, GSE42724_MEMORY_BCELL_VS_PLASMABLAST_DN
 GSE36826_NORMAL_VS_STAPH_AUREUS_INF_SKIN_DN, GSE36826_NORMAL_VS_STAPH_AUREUS_INF_SKIN_DN
GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_UP, GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_UP
GSE22886_NAIVE_BCELL_VS_BLOOD_PLASMA_CELL_UP, GSE22886_NAIVE_BCELL_VS_BLOOD_PLASMA_CELL_UP
GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_UP, GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_UP
GSE3982 BCELL VS EFF MEMORY CD4 TCELL UP, GSE3982 BCELL VS EFF MEMORY CD4 TCELL UP
GSE1432_1H_VS_24H_IFNG_MICROGLIA_UP, GSE1432_1H_VS_24H_IFNG_MICROGLIA_UP
GSE22886_IGM_MEMORY_BCELL_VS_BM_PLASMA_CELL_DN, GSE22886_IGM_MEMORY_BCELL_VS_BM_PLASMA_CELL_DN
GSE12845_IGD_POS_BLOOD_VS_NAIVE_TONSIL_BCELL_UP, GSE12845_IGD_POS_BLOOD_VS_NAIVE_TONSIL_BCELL_UP
GSE19198_CTRL_VS_IL21_TREATED_TCELL_24H_DN, GSE19198_CTRL_VS_IL21_TREATED_TCELL_24H_DN
GSE11961_MEMORY_BCELL_DAY7_VS_GERMINAL_CENTER_BCELL_DAY40_DN, GSE11961_MEMORY_BCELL_DAY7_VS_GERMINAL_CENTER_BCELL_DAY40_DN
GSE36826_WT_VS_IL1R_KO_SKIN_UP, GSE36826_WT_VS_IL1R_KO_SKIN_UP
GSE29618_PRE_VS_DAY7_FLU_VACCINE_MDC_DN, GSE29618_PRE_VS_DAY7_FLU_VACCINE_MDC_DN
GSE2706_UNSTIM_VS_8H_R848_DC_UP, GSE2706_UNSTIM_VS_8H_R848_DC_UP
GSE5589 LPS VS LPS AND IL10 STIM MACROPHAGE 45MIN DN, GSE5589 LPS VS LPS AND IL10 STIM MACROPHAGE 45MIN DN
GSE22886_UNSTIM_VS_IL2_STIM_NKCELL_UP, GSE22886_UNSTIM_VS_IL2_STIM_NKCELL_UP
GSE19888_ADENOSINE_A3R_INH_VS_ACT_IN_MAST_CELL_DN, GSE19888_ADENOSINE_A3R_INH_VS_ACT_IN_MAST_CELL_DN
GSE42021_TCONV_PLN_VS_TREG_PRECURSORS_THYMUS_UP, GSE42021_TCONV_PLN_VS_TREG_PRECURSORS_THYMUS_UP
GSE10325_LUPUS_CD4_TCELL_VS_LUPUS_BCELL_DN, GSE10325_LUPUS_CD4_TCELL_VS_LUPUS_BCELL_DN
RUBENSTEIN_SKELETAL_MUSCLE_ENDOTHELIAL_CELLS, RUBENSTEIN_SKELETAL_MUSCLE_ENDOTHELIAL_CELLS
GSE10325_CD4_TCELL_VS_BCELL_DN, GSE10325_CD4_TCELL_VS_BCELL_DN
GSE29618_BCELL_VS_PDC_DAY7_FLU_VACCINE_UP, GSE29618_BCELL_VS_PDC_DAY7_FLU_VACCINE_UP
GSE41978_ID2_KO_AND_BIM_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_DN, GSE41978_ID2_KO_AND_BIM_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_DN
HP_ABNORMAL_LYMPHOCYTE_MORPHOLOGY, HP_ABNORMAL_LYMPHOCYTE_MORPHOLOGY
MIR9851_3P, MIR9851_3P
RODRIGUES_DCC_TARGETS_DN, RODRIGUES_DCC_TARGETS_DN
GOMF_SH3_DOMAIN_BINDING, GOMF_SH3_DOMAIN_BINDING
MIR593_5P, MIR593_5P
GSE3982_BCELL_VS_TH1_UP, GSE3982_BCELL_VS_TH1_UP
GSE43955_TH0_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_60H_UP, GSE43955_TH0_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_60H_UP
MIR4679, MIR4679
GOCC CLATHRIN COATED VESICLE, GOCC CLATHRIN COATED VESICLE
LENAOUR DENDRITIC CELL MATURATION UP, LENAOUR DENDRITIC CELL MATURATION UP
MODULE 238, MODULE 238
HOEBEKE LYMPHOID STEM CELL UP, HOEBEKE LYMPHOID STEM CELL UP
GSE41978_WT_VS_ID2_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_DN, GSE41978_WT_VS_ID2_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_DN
HP_LYMPHOPENIA, HP_LYMPHOPENIA
MODULE_188, MODULE_188
MODULE_243, MODULE_243
PATEL_SKIN_OF_BODY_ZOSTAVAX_AGE_70_93YO_VZV_CHALLENGE_6HR_DN, PATEL_SKIN_OF_BODY_ZOSTAVAX_AGE_70_93YO_VZV_CHALLENGE_6HR_DN
GSE35435 RESTING VS IL4 TREATED MACROPHAGE DN, GSE35435 RESTING VS IL4 TREATED MACROPHAGE DN
GNF2_TYK2, GNF2_TYK2
MODULE_301, MODULE_301
BASSO CD40 SIGNALING UP, BASSO CD40 SIGNALING UP
MIR193A_3P_MIR193B_3P, MIR193A_3P_MIR193B_3P
MODULE 436, MODULE 436
MIR6761_5P, MIR6761_5P
GOCC_TRANS_GOLGI_NETWORK_MEMBRANE, GOCC_TRANS_GOLGI_NETWORK_MEMBRANE
GOBP_RESPONSE_TO_MONOSACCHARIDE, GOBP_RESPONSE_TO_MONOSACCHARIDE
GOBP_INTEGRIN_MEDIATED_SIGNALING_PATHWAY, GOBP_INTEGRIN_MEDIATED_SIGNALING_PATHWAY
KEGG_APOPTOSIS, KEGG_APOPTOSIS
MODULE_361, MODULE_361
MIR3190_5P, MIR3190_5P
KEGG_INOSITOL_PHOSPHATE_METABOLISM, KEGG_INOSITOL_PHOSPHATE_METABOLISM
GOMF_MANGANESE_ION_BINDING, GOMF_MANGANESE_ION_BINDING
LI_PBMC_MENOMUNE_A_C_Y_W_135_AGE_18_45YO_CORRELATED_WITH_ANTIBODY_RESPONSE_3DY_POSITIVE, LI_PBMC_MENOMUNE_A_C_Y_W_135_AGE_18_45YO_CORRELATED_WITH_ANTIBODY_RESPONSE_3DY_POSITIVE
GSE3982_EFF_MEMORY_VS_CENT_MEMORY_CD4_TCELL_UP, GSE3982_EFF_MEMORY_VS_CENT_MEMORY_CD4_TCELL_UP
LE_EGR2_TARGETS_DN, LE_EGR2_TARGETS_DN
GSE3720_LPS_VS_PMA_STIM_VD1_GAMMADELTA_TCELL_UP, GSE3720_LPS_VS_PMA_STIM_VD1_GAMMADELTA_TCELL_UP
WP_IL3_SIGNALING_PATHWAY, WP_IL3_SIGNALING_PATHWAY
REACTOME_RHOU_GTPASE_CYCLE, REACTOME_RHOU_GTPASE_CYCLE
GOBP_CELLULAR_RESPONSE_TO_CARBOHYDRATE_STIMULUS, GOBP_CELLULAR_RESPONSE_TO_CARBOHYDRATE_STIMULUS
VANHARANTA_UTERINE_FIBROID_DN, VANHARANTA_UTERINE_FIBROID_DN
GOCC_MHC_PROTEIN_COMPLEX, GOCC_MHC_PROTEIN_COMPLEX
GSE16450_CTRL_VS_IFNA_6H_STIM_MATURE_NEURON_CELL_LINE_UP, GSE16450_CTRL_VS_IFNA_6H_STIM_MATURE_NEURON_CELL_LINE_UP
MIR874_3P, MIR874_3P
GSE22886_UNSTIM_VS_IL15_STIM_NKCELL_UP, GSE22886_UNSTIM_VS_IL15_STIM_NKCELL_UP
MIR6754 3P, MIR6754 3P
KEGG RENAL CELL CARCINOMA, KEGG RENAL CELL CARCINOMA
GOBP_CELLULAR_GLUCOSE_HOMEOSTASIS, GOBP_CELLULAR_GLUCOSE_HOMEOSTASIS
MIR3975, MIR3975
GOBP_CARBOHYDRATE_TRANSPORT, GOBP_CARBOHYDRATE_TRANSPORT
KIM_GERMINAL_CENTER_T_HELPER_UP, KIM_GERMINAL_CENTER_T_HELPER_UP
LEE_NEURAL_CREST_STEM_CELL_DN, LEE_NEURAL_CREST_STEM_CELL_DN
SIG_CHEMOTAXIS, SIG_CHEMOTAXIS
GSE22025_TGFB1_VS_TGFB1_AND_PROGESTERONE_TREATED_CD4_TCELL_DN, GSE22025_TGFB1_VS_TGFB1_AND_PROGESTERONE_TREATED_CD4_TCELL_DN
RASHI_RESPONSE_TO_IONIZING_RADIATION_4, RASHI_RESPONSE_TO_IONIZING_RADIATION_4
GOBP_LIPOPOLYSACCHARIDE_MEDIATED_SIGNALING_PATHWAY, GOBP_LIPOPOLYSACCHARIDE_MEDIATED_SIGNALING_PATHWAY
SIG_PIP3_SIGNALING_IN_B_LYMPHOCYTES, SIG_PIP3_SIGNALING_IN_B_LYMPHOCYTES
MIR10525_3P, MIR10525_3P
MIR483_3P, MIR483_3P
 KOBAYASHI_EGFR_SIGNALING_24HR_UP, KOBAYASHI_EGFR_SIGNALING_24HR_UP
REACTOME_NEGATIVE_REGULATION_OF_THE_PI3K_AKT_NETWORK, REACTOME_NEGATIVE_REGULATION_OF_THE_PI3K_AKT_NETWORK
REACTOME_SIGNALING_BY_MET, REACTOME_SIGNALING_BY_MET
GOBP_QUINONE_METABOLIC_PROCESS, GOBP_QUINONE_METABOLIC_PROCESS
WP_HEMATOPOIETIC_STEM_CELL_DIFFERENTIATION, WP_HEMATOPOIETIC_STEM_CELL_DIFFERENTIATION
HP_ABNORMALITY_OF_THE_SUPRAORBITAL_RIDGES, HP_ABNORMALITY_OF_THE_SUPRAORBITAL_RIDGES
NAGASHIMA_NRG1_SIGNALING_DN, NAGASHIMA_NRG1_SIGNALING_DN
 REACTOME_FCERI_MEDIATED_CA_2_MOBILIZATION, REACTOME_FCERI_MEDIATED_CA_2_MOBILIZATION
 HOWARD_MONOCYTE_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_1DY_DN, HOWARD_MONOCYTE_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_1DY_DN
 DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_B_CELLS, DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_B_CELLS
 REACTOME_ANTIGEN_ACTIVATES_B_CELL_RECEPTOR_BCR_LEADING_TO_GENERATION_OF_SECOND_MESSENGERS, REACTOME_ANTIGEN_ACTIVATES_B_CELL_RECEPTOR_BCR_LEADING_TO_GENERATION_OF_SECOND_MESSENGERS
 HP_ABNORMAL_MORPHOLOGY_OF_THE_LIMBIC_SYSTEM, HP_ABNORMAL_MORPHOLOGY_OF_THE_LIMBIC_SYSTEM
 GARCIA_PINERES_PBMC_HPV_16_L1_VLP_AGE_18_25YO_STIMULATED_0DY_VACCINATION_INDEPENDENT_DN, GARCIA_PINERES_PBMC_HPV_16_L1_VLP_AGE_18_25YO_STIMULATED_DN, GARCIA_PINERES_PBMC_HPV_16_L1_VLP_PINERES_PBMC_PPV_16_L1_VLP_PINERES_PPV_16_L1_VLP_PINERES_PPV_16_L1_VLP_PINERES_PPV_16_L1_VLP_PINERES_PPV_16_L1_VLP_PINERES_PPV_16_L1_VLP_PINERES_PPV_16_L1_VLP_PINERES_PPV_16_L1_VLP_PINERES_PPV_16_L1_VLP_PINERES_PPV_16_L1_VLP_PINERES_PPV_16_L1_VLP_PINERES_PPV_1
 GOBP_B_CELL_HOMEOSTASIS, GOBP_B_CELL_HOMEOSTASIS
 GOBP_PRESYNAPTIC_ENDOCYTOSIS, GOBP_PRESYNAPTIC_ENDOCYTOSIS
 REACTOME HEPARAN SULFATE HEPARIN HS GAG METABOLISM, REACTOME HEPARAN SULFATE HEPARIN HS GAG METABOLISM
 GOCC_MHC_CLASS_II_PROTEIN_COMPLEX, GOCC_MHC_CLASS_II_PROTEIN_COMPLEX
 MIR589_5P, MIR589_5P
 HP ORAL ULCER, HP ORAL ULCER
 MIR4266, MIR4266
 GOBP_REGULATION_OF_SYNAPTIC_VESICLE_RECYCLING, GOBP_REGULATION_OF_SYNAPTIC_VESICLE_RECYCLING
 COATES_MACROPHAGE_M1_VS_M2_DN, COATES_MACROPHAGE_M1_VS_M2_DN
 REACTOME_PARASITE_INFECTION, REACTOME_PARASITE_INFECTION
 HP_RENAL_DYSPLASIA, HP_RENAL_DYSPLASIA
 TOMLINS_PROSTATE_CANCER_DN, TOMLINS_PROSTATE_CANCER_DN
 HP_ANTIPHOSPHOLIPID_ANTIBODY_POSITIVITY, HP_ANTIPHOSPHOLIPID_ANTIBODY_POSITIVITY
HP_URINARY_GLYCOSAMINOGLYCAN_EXCRETION, HP_URINARY_GLYCOSAMINOGLYCAN_EXCRETION
GOBP_CELL_ADHESION_MEDIATED_BY_INTEGRIN, GOBP_CELL_ADHESION_MEDIATED_BY_INTEGRIN
 REACTOME_CONSTITUTIVE_SIGNALING_BY_ABERRANT_PI3K_IN_CANCER, REACTOME_CONSTITUTIVE_SIGNALING_BY_ABERRANT_PI3K_IN_CANCER
 GLI1_UP.V1_UP, GLI1_UP.V1_UP
 REACTOME_AFLATOXIN_ACTIVATION_AND_DETOXIFICATION, REACTOME_AFLATOXIN_ACTIVATION_AND_DETOXIFICATION
 GOMF_ACETYLGLUCOSAMINYLTRANSFERASE_ACTIVITY, GOMF_ACETYLGLUCOSAMINYLTRANSFERASE_ACTIVITY
 GOMF_PEPTIDE_ANTIGEN_BINDING, GOMF_PEPTIDE_ANTIGEN_BINDING
KEGG_VIRAL_MYOCARDITIS, KEGG_VIRAL_MYOCARDITIS
 REACTOME_GLUTATHIONE_CONJUGATION, REACTOME_GLUTATHIONE_CONJUGATION
 GAUSSMANN_MLL_AF4_FUSION_TARGETS_G_DN, GAUSSMANN_MLL_AF4_FUSION_TARGETS_G_DN
 GOBP_REGULATION_OF_B_CELL_PROLIFERATION, GOBP_REGULATION_OF_B_CELL_PROLIFERATION
 HP_INCREASED_URINARY_NON_PROTEINOGENIC_AMINO_ACID_LEVEL, HP_INCREASED_URINARY_NON_PROTEINOGENIC_AMINO_ACID_LEVEL
 GATA_Q6, GATA_Q6
 MORI_EMU_MYC_LYMPHOMA_BY_ONSET_TIME_DN, MORI_EMU_MYC_LYMPHOMA_BY_ONSET_TIME_DN
 LIAO_HAVE_SOX4_BINDING_SITES, LIAO_HAVE_SOX4_BINDING_SITES
 GCM_AQP4, GCM_AQP4
 PID_NECTIN_PATHWAY, PID_NECTIN_PATHWAY
 GOBP_NEUTRAL_LIPID_METABOLIC_PROCESS, GOBP_NEUTRAL_LIPID_METABOLIC_PROCESS
 REACTOME_RECYCLING_PATHWAY_OF_L1, REACTOME_RECYCLING_PATHWAY_OF_L1
BIOCARTA_BAD_PATHWAY, BIOCARTA_BAD_PATHWAY
HP_INCREASED_CIRCULATING_IGG_LEVEL, HP_INCREASED_CIRCULATING_IGG_LEVEL
 REACTOME_CLEC7A_DECTIN_1_INDUCES_NFAT_ACTIVATION, REACTOME_CLEC7A_DECTIN_1_INDUCES_NFAT_ACTIVATION
HP_WEAK_CRY, HP_WEAK_CRY
GOBP_GLUTATHIONE_DERIVATIVE_METABOLIC_PROCESS, GOBP_GLUTATHIONE_DERIVATIVE_METABOLIC_PROCESS
 GOMF_PHOSPHATIDYLINOSITOL_PHOSPHATE_KINASE_ACTIVITY, GOMF_PHOSPHATIDYLINOSITOL_PHOSPHATE_KINASE_ACTIVITY
WATANABE_ULCERATIVE_COLITIS_WITH_CANCER_UP, WATANABE_ULCERATIVE_COLITIS_WITH_CANCER_UP
GOBP_MEMBRANE_PROTEIN_INTRACELLULAR_DOMAIN_PROTEOLYSIS, GOBP_MEMBRANE_PROTEIN_INTRACELLULAR_DOMAIN_PROTEOLYSIS
 REACTOME_SIGNALING_BY_CYTOSOLIC_FGFR1_FUSION_MUTANTS, REACTOME_SIGNALING_BY_CYTOSOLIC_FGFR1_FUSION_MUTANTS
MIR503_3P, MIR503_3P
GOBP_REGULATION_OF_SYNAPTIC_VESICLE_ENDOCYTOSIS, GOBP_REGULATION_OF_SYNAPTIC_VESICLE_ENDOCYTOSIS
REACTOME_MUCOPOLYSACCHARIDOSES, REACTOME_MUCOPOLYSACCHARIDOSES
BIOCARTA_HDAC_PATHWAY, BIOCARTA_HDAC_PATHWAY
KEGG_GLYCEROLIPID_METABOLISM, KEGG_GLYCEROLIPID_METABOLISM
WP_METAPATHWAY_BIOTRANSFORMATION_PHASE_I_AND_II, WP_METAPATHWAY_BIOTRANSFORMATION_PHASE_I_AND_II
REACTOME_CALCINEURIN_ACTIVATES_NFAT, REACTOME_CALCINEURIN_ACTIVATES_NFAT
HP_PERIVENTRICULAR_NODULAR_HETEROTOPIA, HP_PERIVENTRICULAR_NODULAR_HETEROTOPIA
GOBP_TISSUE_REGENERATION, GOBP_TISSUE_REGENERATION
HOFFMANN_IMMATURE_TO_MATURE_B_LYMPHOCYTE_UP, HOFFMANN_IMMATURE_TO_MATURE_B_LYMPHOCYTE_UP
GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_WOUNDING, GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_WOUNDING
HP_FOCAL_NON_MOTOR_SEIZURE, HP_FOCAL_NON_MOTOR_SEIZURE
GOMF_SUGAR_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_SUGAR_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
REACTOME RET SIGNALING, REACTOME RET SIGNALING
GOBP_POSITIVE_REGULATION_OF_CELL_SUBSTRATE_JUNCTION_ORGANIZATION, GOBP_POSITIVE_REGULATION_OF_CELL_SUBSTRATE_JUNCTION_ORGANIZATION
WNT_UP.V1_UP, WNT_UP.V1_UP
LUI_THYROID_CANCER_CLUSTER_4, LUI_THYROID_CANCER_CLUSTER_4
LOPEZ_MESOTHELIOMA_SURVIVAL_UP, LOPEZ_MESOTHELIOMA_SURVIVAL_UP
MATSUMIYA BLOOD MODIFIED VACCINIA ANKARA VACCINE AGE 4 6MO VACCINATED VS CANDIN PLACEBO BCG PRIMED 1DY DN, MATSUMIYA BLOOD MODIFIED VACCINIA ANKARA VACCINE AGE 4 6MO VACCINATED VS CANDIN PLACEBO BCG PRIMED 1DY DN, MATSUMIYA BLOOD MODIFIED VACCINIA ANKARA VACCINE AGE 4 6MO VACCINATED VS CANDIN PLACEBO BCG PRIMED 1DY DN, MATSUMIYA BLOOD MODIFIED VACCINIA ANKARA VACCINE AGE 4 6MO VACCINATED VS CANDIN PLACEBO BCG PRIMED 1DY DN, MATSUMIYA BLOOD MODIFIED VACCINIA ANKARA VACCINE AGE 4 6MO VACCINATED VS CANDIN PLACEBO BCG PRIMED 1DY DN, MATSUMIYA BLOOD MODIFIED VACCINIA ANKARA VACCINE AGE 4 6MO VACCINATED VS CANDIN PLACEBO BCG PRIMED 1DY DN, MATSUMIYA BLOOD MODIFIED VACCINIA ANKARA VACCINE AGE 4 6MO VACCINATED VS CANDIN PLACEBO BCG PRIMED 1DY DN, MATSUMIYA BLOOD MODIFIED VACCINIA ANKARA VACCINE AGE 4 6MO VACCINATED VS CANDIN PLACEBO BCG PRIMED 1DY DN, MATSUMIYA BLOOD MODIFIED VACCINIA ANKARA VACCINE AGE 4 6MO VACCINATED VS CANDIN PLACEBO BCG
MODULE_448, MODULE_448
GOBP_REGULATION_OF_RAC_PROTEIN_SIGNAL_TRANSDUCTION, GOBP_REGULATION_OF_RAC_PROTEIN_SIGNAL_TRANSDUCTION
GOBP_ACTIVIN_RECEPTOR_SIGNALING_PATHWAY, GOBP_ACTIVIN_RECEPTOR_SIGNALING_PATHWAY
 VANTVEER_BREAST_CANCER_METASTASIS_UP, VANTVEER_BREAST_CANCER_METASTASIS_UP
SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_DN, SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_DN
GOBP_LYMPHOCYTE_MIGRATION, GOBP_LYMPHOCYTE_MIGRATION
GOCC_FILTRATION_DIAPHRAGM, GOCC_FILTRATION_DIAPHRAGM
HP_VAGINAL_FISTULA, HP_VAGINAL_FISTULA
GOBP_REGULATION_OF_ORGANIC_ACID_TRANSPORT, GOBP_REGULATION_OF_ORGANIC_ACID_TRANSPORT
SAKAI_TUMOR_INFILTRATING_MONOCYTES_UP, SAKAI_TUMOR_INFILTRATING_MONOCYTES_UP
REACTOME_SIGNALING_BY_FGFR1_IN_DISEASE, REACTOME_SIGNALING_BY_FGFR1_IN_DISEASE
HP_J_SHAPED_SELLA_TURCICA, HP_J_SHAPED_SELLA_TURCICA
GOBP_PROTEIN_LOCALIZATION_TO_CILIARY_MEMBRANE, GOBP_PROTEIN_LOCALIZATION_TO_CILIARY_MEMBRANE
HP_INCREASED_SKULL_OSSIFICATION, HP_INCREASED_SKULL_OSSIFICATION
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_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_TITER_PREDICTIVE_OF_T
 GOMF_PROLINE_RICH_REGION_BINDING, GOMF_PROLINE_RICH_REGION_BINDING
 GOCC PERINUCLEAR ENDOPLASMIC RETICULUM, GOCC PERINUCLEAR ENDOPLASMIC RETICULUM
GOBP_XYLULOSE_5_PHOSPHATE_METABOLIC_PROCESS, GOBP_XYLULOSE_5_PHOSPHATE_METABOLIC_PROCESS
GOMF_CALMODULIN_DEPENDENT_PROTEIN_PHOSPHATASE_ACTIVITY, GOMF_CALMODULIN_DEPENDENT_PROTEIN_PHOSPHATASE_ACTIVITY
REACTOME_FORMATION_OF_XYLULOSE_5_PHOSPHATE, REACTOME_FORMATION_OF_XYLULOSE_5_PHOSPHATE
GOBP_COBALAMIN_TRANSPORT, GOBP_COBALAMIN_TRANSPORT
WP_OVERVIEW_OF_INTERFERONSMEDIATED_SIGNALING_PATHWAY, WP_OVERVIEW_OF_INTERFERONSMEDIATED_SIGNALING_PATHWAY
REACTOME_FGFR1_MUTANT_RECEPTOR_ACTIVATION, REACTOME_FGFR1_MUTANT_RECEPTOR_ACTIVATION
GOBP_SKELETAL_MUSCLE_TISSUE_REGENERATION, GOBP_SKELETAL_MUSCLE_TISSUE_REGENERATION
WP_GABA_RECEPTOR_SIGNALING, WP_GABA_RECEPTOR_SIGNALING
GOMF_HEXOSE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_HEXOSE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
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VS_IL3_IL33_TREATED_MAST_CELL_UP, GSE39382_IL3_VS_IL3_IL33_TREATED_MAST_CELL_UP

GOBP_HISTONE_H3_K4_TRIMETHYLATION, GOBP_HISTONE_H3_K4_TRIMETHYLATION COWLING_MYCN_TARGETS, COWLING_MYCN_TARGETS MIR454_5P, MIR454_5P GOBP_POSITIVE_REGULATION_OF_RECEPTOR_INTERNALIZATION, GOBP_POSITIVE_REGULATION_OF_RECEPTOR_INTERNALIZATION GOBP POSITIVE REGULATION OF RELEASE OF SEQUESTERED CALCIUM ION INTO CYTOSOL, GOBP POSITIVE REGULATION OF RELEASE OF SEQUESTERED CALCIUM ION INTO CYTOSOL GOBP_SECONDARY_METABOLIC_PROCESS, GOBP_SECONDARY_METABOLIC_PROCESS GOCC_POSTSYNAPTIC_DENSITY_INTRACELLULAR_COMPONENT, GOCC_POSTSYNAPTIC_DENSITY_INTRACELLULAR_COMPONENT GOMF VITAMIN TRANSMEMBRANE TRANSPORTER ACTIVITY, GOMF VITAMIN TRANSMEMBRANE TRANSPORTER ACTIVITY GOBP_MONOACYLGLYCEROL_CATABOLIC_PROCESS, GOBP_MONOACYLGLYCEROL_CATABOLIC_PROCESS GOBP_MONOCYTE_ACTIVATION, GOBP_MONOCYTE_ACTIVATION HP_DECREASED_PREALBUMIN_LEVEL, HP_DECREASED_PREALBUMIN_LEVEL GOBP_NEGATIVE_REGULATION_OF_CLATHRIN_DEPENDENT_ENDOCYTOSIS, GOBP_NEGATIVE_REGULATION_OF_CLATHRIN_DEPENDENT_ENDOCYTOSIS GOBP_CREATINE_METABOLIC_PROCESS, GOBP_CREATINE_METABOLIC_PROCESS GOMF_TOXIN_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_TOXIN_TRANSMEMBRANE_TRANSPORTER_ACTIVITY GOMF_CARBOHYDRATE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_CARBOHYDRATE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY GOMF CHEMOATTRACTANT ACTIVITY, GOMF CHEMOATTRACTANT ACTIVITY HP ST SEGMENT DEPRESSION, HP ST SEGMENT DEPRESSION GOBP_VOCAL_LEARNING, GOBP_VOCAL_LEARNING WU_ALZHEIMER_DISEASE_UP, WU_ALZHEIMER_DISEASE_UP GOBP REGULATION OF CELL MIGRATION INVOLVED IN SPROUTING ANGIOGENESIS, GOBP REGULATION OF CELL MIGRATION INVOLVED IN SPROUTING ANGIOGENESIS ZNF529_TARGET_GENES, ZNF529_TARGET_GENES MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_30, MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_30 GOMF_ERBB_3_CLASS_RECEPTOR_BINDING, GOMF_ERBB_3_CLASS_RECEPTOR_BINDING HP OSTEOMALACIA, HP OSTEOMALACIA GOBP_REGULATION_OF_GONAD_DEVELOPMENT, GOBP_REGULATION_OF_GONAD_DEVELOPMENT GOBP_POSITIVE_REGULATION_OF_MORPHOGENESIS_OF_AN_EPITHELIUM, GOBP_POSITIVE_REGULATION_OF_MORPHOGENESIS_OF_AN_EPITHELIUM LIU_IL13_MEMORY_MODEL_UP, LIU_IL13_MEMORY_MODEL_UP GOCC MICROVILLUS MEMBRANE, GOCC MICROVILLUS MEMBRANE GOBP_LEARNED_VOCALIZATION_BEHAVIOR_OR_VOCAL_LEARNING, GOBP_LEARNED_VOCALIZATION_BEHAVIOR_OR_VOCAL_LEARNING RAFFEL_VEGFA_TARGETS_UP, RAFFEL_VEGFA_TARGETS_UP HP_PROSTATITIS, HP_PROSTATITIS GOBP_NOTCH_RECEPTOR_PROCESSING_LIGAND_DEPENDENT, GOBP_NOTCH_RECEPTOR_PROCESSING_LIGAND_DEPENDENT PID_SYNDECAN_3_PATHWAY, PID_SYNDECAN_3_PATHWAY GOBP_NEGATIVE_REGULATION_OF_CELL_MIGRATION_INVOLVED_IN_SPROUTING_ANGIOGENESIS, GOBP_NEGATIVE_REGULATION_OF_CELL_MIGRATION_INVOLVED_IN_SPROUTING_ANGIOGENESIS GOBP REGULATION OF WNT SIGNALING PATHWAY PLANAR CELL POLARITY PATHWAY, GOBP REGULATION OF WNT SIGNALING PATHWAY PLANAR CELL POLARITY PATHWAY ROZANOV_MMP14_TARGETS_DN, ROZANOV_MMP14_TARGETS_DN HP_ONYCHOLYSIS, HP_ONYCHOLYSIS GOBP_POSITIVE_REGULATION_OF_CARDIAC_MUSCLE_ADAPTATION, GOBP_POSITIVE_REGULATION_OF_CARDIAC_MUSCLE_ADAPTATION GOBP DEHYDROASCORBIC ACID TRANSPORT, GOBP DEHYDROASCORBIC ACID TRANSPORT GOMF_DEHYDROASCORBIC_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_DEHYDROASCORBIC_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY HP_STIFF_SKIN, HP_STIFF_SKIN REACTOME_LTC4_CYSLTR_MEDIATED_IL4_PRODUCTION, REACTOME_LTC4_CYSLTR_MEDIATED_IL4_PRODUCTION GOBP_CONNECTIVE_TISSUE_REPLACEMENT, GOBP_CONNECTIVE_TISSUE_REPLACEMENT

chr6q13, chr6q13 REACTOME_PI3K_EVENTS_IN_ERBB4_SIGNALING, REACTOME_PI3K_EVENTS_IN_ERBB4_SIGNALING