```
GSE17721_0.5H_VS_8H_CPG_BMDC_UP, GSE17721_0.5H_VS_8H_CPG_BMDC_UP
                                                                                    GSE42021_TREG_PLN_VS_CD24HI_TREG_THYMUS_DN, GSE42021_TREG_PLN_VS_CD24HI_TREG_THYMUS_DN
                                                                                   GSE34392_ST2_KO_VS_WT_DAY8_LCMV_EFFECTOR_CD8_TCELL_UP, GSE34392_ST2_KO_VS_WT_DAY8_LCMV_EFFECTOR_CD8_TCELL_UP
                                                                                   GSE39864_WT_VS_GATA3_KO_TREG_DN, GSE39864_WT_VS_GATA3_KO_TREG_DN
                                                                                    GSE17721_CTRL_VS_GARDIQUIMOD_4H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_4H_BMDC_UP
                                                                                   GSE17721_LPS_VS_POLYIC_4H_BMDC_DN, GSE17721_LPS_VS_POLYIC_4H_BMDC_DN
                                                                                   GSE24210_RESTING_TREG_VS_TCONV_UP, GSE24210_RESTING_TREG_VS_TCONV_UP
                                                                                   GSE17721_CTRL_VS_GARDIQUIMOD_8H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_8H_BMDC_UP
                                                                                   GSE35825_UNTREATED_VS_IFNA_STIM_MACROPHAGE_UP, GSE35825_UNTREATED_VS_IFNA_STIM_MACROPHAGE_UP
                                                                                   GSE17721_0.5H_VS_4H_LPS_BMDC_UP, GSE17721_0.5H_VS_4H_LPS_BMDC_UP
                                                                                   GSE23308_CTRL_VS_CORTICOSTERONE_TREATED_MACROPHAGE_MINERALCORTICOID_REC_KO_UP, GSE23308_CTRL_VS_CORTICOSTERONE_TREATED_MACROPHAGE_MINERALCORTICOID_R
                                                                                   GSE17721_CTRL_VS_CPG_6H_BMDC_UP, GSE17721_CTRL_VS_CPG_6H_BMDC_UP
                                                                                   GSE17721_CTRL_VS_CPG_12H_BMDC_UP, GSE17721_CTRL_VS_CPG_12H_BMDC_UP
                                                                                   GSE35825_IFNA_VS_IFNG_STIM_MACROPHAGE_DN, GSE35825_IFNA_VS_IFNG_STIM_MACROPHAGE_DN
                                                                                   GSE45382_UNTREATED_VS_TGFB_TREATED_MACROPHAGES_UP, GSE45382_UNTREATED_VS_TGFB_TREATED_MACROPHAGES_UP
                                                                                   GSE17721_CTRL_VS_CPG_0.5H_BMDC_UP, GSE17721_CTRL_VS_CPG_0.5H_BMDC_UP
                                                                                   GSE21360_TERTIARY_VS_QUATERNARY_MEMORY_CD8_TCELL_UP, GSE21360_TERTIARY_VS_QUATERNARY_MEMORY_CD8_TCELL_UP
                                                                                   GSE17721_CTRL_VS_PAM3CSK4_4H_BMDC_UP, GSE17721_CTRL_VS_PAM3CSK4_4H_BMDC_UP
                                                                                   GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY8_EFFECTOR_CD8_TCELL_DN, GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY8_EFFECTOR_CD8_TCELL_DN
                                                                                   GSE6092_IFNG_VS_IFNG_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP, GSE6092_IFNG_VS_IFNG_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP
                                                                                   GSE17721_CTRL_VS_LPS_6H_BMDC_UP, GSE17721_CTRL_VS_LPS_6H_BMDC_UP
                                                                                   GSE35685 CD34POS CD10NEG CD62LPOS VS CD34POS CD10POS BONE MARROW UP, GSE35685 CD34POS CD10NEG CD62LPOS VS CD34POS CD10POS BONE MARROW UP
                                                                                   GSE17721_0.5H_VS_4H_GARDIQUIMOD_BMDC_UP, GSE17721_0.5H_VS_4H_GARDIQUIMOD_BMDC_UP
                                                                                   GSE23984_CTRL_VS_HYPOCALEMIC_VITAMIND_ANALOG_TCELL_DN, GSE23984_CTRL_VS_HYPOCALEMIC_VITAMIND_ANALOG_TCELL_DN
                                                                                   GSE17721_12H_VS_24H_POLYIC_BMDC_DN, GSE17721_12H_VS_24H_POLYIC_BMDC_DN
                                                                                   GSE17721_CTRL_VS_PAM3CSK4_2H_BMDC_UP, GSE17721_CTRL_VS_PAM3CSK4_2H_BMDC_UP
                                                                                   GSE17721_CTRL_VS_LPS_8H_BMDC_UP, GSE17721_CTRL_VS_LPS_8H_BMDC_UP
                                                                                   GSE17721_CTRL_VS_GARDIQUIMOD_6H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_6H_BMDC_UP
                                                                                   GSE17721_LPS_VS_CPG_0.5H_BMDC_UP, GSE17721_LPS_VS_CPG_0.5H_BMDC_UP
                                                                                   GSE17721_CTRL_VS_GARDIQUIMOD_24H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_24H_BMDC_UP
                                                                                   GSE17721_LPS_VS_POLYIC_8H_BMDC_DN, GSE17721_LPS_VS_POLYIC_8H_BMDC_DN
                                                                                   GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP, GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP
                                                                                   GSE17721_0.5H_VS_24H_CPG_BMDC_UP, GSE17721_0.5H_VS_24H_CPG_BMDC_UP
                                                                                   GSE339_CD4POS_VS_CD8POS_DC_DN, GSE339_CD4POS_VS_CD8POS_DC_DN
                                                                                   GSE17721_POLYIC_VS_CPG_0.5H_BMDC_DN, GSE17721_POLYIC_VS_CPG_0.5H_BMDC_DN
                                                                                   GSE22443_NAIVE_VS_ACT_AND_IL12_TREATED_CD8_TCELL_UP, GSE22443_NAIVE_VS_ACT_AND_IL12_TREATED_CD8_TCELL_UP
                                                                                   GSE17721_0.5H_VS_4H_PAM3CSK4_BMDC_UP, GSE17721_0.5H_VS_4H_PAM3CSK4_BMDC_UP
                                                                                   GSE26030_UNSTIM_VS_RESTIM_TH1_DAY5_POST_POLARIZATION_DN, GSE26030_UNSTIM_VS_RESTIM_TH1_DAY5_POST_POLARIZATION_DN
                                                                                   GSE17721_POLYIC_VS_PAM3CSK4_4H_BMDC_UP, GSE17721_POLYIC_VS_PAM3CSK4_4H_BMDC_UP
                                                                                   GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_UP, GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_UP
                                                                                   GSE6092_B_BURGDOFERI_VS_B_BURGDORFERI_AND_IFNG_STIM_ENDOTHELIAL_CELL_UP, GSE6092_B_BURGDOFERI_VS_B_BURGDORFERI_AND_IFNG_STIM_ENDOTHELIAL_CELL_UP
                                                                                   GSE17721_0.5H_VS_12H_POLYIC_BMDC_UP, GSE17721_0.5H_VS_12H_POLYIC_BMDC_UP
                                                                                   GSE17721_0.5H_VS_24H_LPS_BMDC_UP, GSE17721_0.5H_VS_24H_LPS_BMDC_UP
                                                                                   GSE40274_GATA1_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_GATA1_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                   GSE19198_CTRL_VS_IL21_TREATED_TCELL_24H_DN, GSE19198_CTRL_VS_IL21_TREATED_TCELL_24H_DN
                                                                                   GSE17721_POLYIC_VS_GARDIQUIMOD_4H_BMDC_UP, GSE17721_POLYIC_VS_GARDIQUIMOD_4H_BMDC_UP
                                                                                   GSE17721 LPS VS PAM3CSK4 24H BMDC DN, GSE17721 LPS VS PAM3CSK4 24H BMDC DN
                                                                                   GSE17721_0.5H_VS_12H_PAM3CSK4_BMDC_UP, GSE17721_0.5H_VS_12H_PAM3CSK4_BMDC_UP
                                                                                   GSE30083_SP1_VS_SP4_THYMOCYTE_DN, GSE30083_SP1_VS_SP4_THYMOCYTE_DN
                                                                                   GSE17721_CPG_VS_GARDIQUIMOD_0.5H_BMDC_DN, GSE17721_CPG_VS_GARDIQUIMOD_0.5H_BMDC_DN
                                                                                   GSE17721_CTRL_VS_LPS_2H_BMDC_UP, GSE17721_CTRL_VS_LPS_2H_BMDC_UP
                                                                                   GSE17721_PAM3CSK4_VS_CPG_0.5H_BMDC_UP, GSE17721_PAM3CSK4_VS_CPG_0.5H_BMDC_UP
                                                                                   GSE26669_CTRL_VS_COSTIM_BLOCK_MLR_CD4_TCELL_UP, GSE26669_CTRL_VS_COSTIM_BLOCK_MLR_CD4_TCELL_UP
                                                                                   GSE7460_WT_VS_FOXP3_HET_ACT_TCONV_UP, GSE7460_WT_VS_FOXP3_HET_ACT_TCONV_UP
                                                                                   GSE18893_TCONV_VS_TREG_24H_CULTURE_UP, GSE18893_TCONV_VS_TREG_24H_CULTURE_UP
                                                                                   GSE42021_TCONV_PLN_VS_CD24INT_TCONV_THYMUS_UP, GSE42021_TCONV_PLN_VS_CD24INT_TCONV_THYMUS_UP
                                                                                   GSE360_T_GONDII_VS_B_MALAYI_LOW_DOSE_DC_DN, GSE360_T_GONDII_VS_B_MALAYI_LOW_DOSE_DC_DN
                                                                                   MCBRYAN_PUBERTAL_BREAST_5_6WK_DN, MCBRYAN_PUBERTAL_BREAST_5_6WK_DN
                                                                                   HP_ABNORMAL_ELASTICITY_OF_SKIN, HP_ABNORMAL_ELASTICITY_OF_SKIN
                                                                                   RUIZ_TNC_TARGETS_UP, RUIZ_TNC_TARGETS_UP
                                                                                   GSE11961_MEMORY_BCELL_DAY7_VS_PLASMA_CELL_DAY7_UP, GSE11961_MEMORY_BCELL_DAY7_VS_PLASMA_CELL_DAY7_UP
                                                                                   GSE28726_NAIVE_CD4_TCELL_VS_NAIVE_NKTCELL_DN, GSE28726_NAIVE_CD4_TCELL_VS_NAIVE_NKTCELL_DN
                                                                                   GSE2706_2H_VS_8H_LPS_STIM_DC_UP, GSE2706_2H_VS_8H_LPS_STIM_DC_UP
                                                                                   GSE9946_MATURE_STIMULATORY_VS_LISTERIA_INF_MATURE_DC_UP, GSE9946_MATURE_STIMULATORY_VS_LISTERIA_INF_MATURE_DC_UP
                                                                                   GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMC_1MONTH_POST_DX_DN, GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMC_1MONTH_POST_DX_DN
                                                                                   GSE19923_WT_VS_E2A_KO_DP_THYMOCYTE_DN, GSE19923_WT_VS_E2A_KO_DP_THYMOCYTE_DN
                                                                                   GSE17721_CTRL_VS_CPG_0.5H_BMDC_DN, GSE17721_CTRL_VS_CPG_0.5H_BMDC_DN
                                                                                   GSE9878_CTRL_VS_EBF_TRANSDUCED_PAX5_KO_PRO_BCELL_UP, GSE9878_CTRL_VS_EBF_TRANSDUCED_PAX5_KO_PRO_BCELL_UP
                                                                                   GSE17721_LPS_VS_CPG_0.5H_BMDC_DN, GSE17721_LPS_VS_CPG_0.5H_BMDC_DN
                                                                                   MIR1343_3P, MIR1343_3P
                                                                                   MIR1264, MIR1264
                                                                                   HP_CLONUS, HP_CLONUS
                                                                                   GSE5589_IL6_KO_VS_IL10_KO_LPS_STIM_MACROPHAGE_180MIN_DN, GSE5589_IL6_KO_VS_IL10_KO_LPS_STIM_MACROPHAGE_180MIN_DN
                                                                                   GOBP_PEROXISOMAL_TRANSPORT, GOBP_PEROXISOMAL_TRANSPORT
                                                                                   GOMF_SH3_DOMAIN_BINDING, GOMF_SH3_DOMAIN_BINDING
                                                                                   GOBP_ACTIN_FILAMENT_BUNDLE_ORGANIZATION, GOBP_ACTIN_FILAMENT_BUNDLE_ORGANIZATION
                                                                                   MIR7113_5P, MIR7113_5P
                                                                                   GOBP_REGULATION_OF_PHAGOCYTOSIS, GOBP_REGULATION_OF_PHAGOCYTOSIS
                                                                                   GOMF REPRESSING TRANSCRIPTION FACTOR BINDING, GOMF REPRESSING TRANSCRIPTION FACTOR BINDING
                                                                                   MIR8057, MIR8057
                                                                                   REACTOME_SIGNALING_BY_NOTCH1, REACTOME_SIGNALING_BY_NOTCH1
                                                                                   LINDSTEDT_DENDRITIC_CELL_MATURATION_D, LINDSTEDT_DENDRITIC_CELL_MATURATION_D
                                                                                   GOBP_PROTEIN_DEPOLYMERIZATION, GOBP_PROTEIN_DEPOLYMERIZATION
                                                                                   GSE13493_CD4INTCD8POS_VS_CD8POS_THYMOCYTE_DN, GSE13493_CD4INTCD8POS_VS_CD8POS_THYMOCYTE_DN
                                                                                   HALLMARK_TGF_BETA_SIGNALING, HALLMARK_TGF_BETA_SIGNALING
                                                                                   GSE17721_CPG_VS_GARDIQUIMOD_16H_BMDC_UP, GSE17721_CPG_VS_GARDIQUIMOD_16H_BMDC_UP
                                                                                   MIR3184_3P, MIR3184_3P
                                                                                   MIR7702, MIR7702
                                                                                    KIM_GLIS2_TARGETS_UP, KIM_GLIS2_TARGETS_UP
                                                                                   GOBP ROOF OF MOUTH DEVELOPMENT, GOBP ROOF OF MOUTH DEVELOPMENT
                                                                                   MIR486_5P, MIR486_5P
                                                                                   MIR6742_3P, MIR6742_3P
                                                                                   SHETH_LIVER_CANCER_VS_TXNIP_LOSS_PAM6, SHETH_LIVER_CANCER_VS_TXNIP_LOSS_PAM6
                                                                                   GRAESSMANN_RESPONSE_TO_MC_AND_SERUM_DEPRIVATION_DN, GRAESSMANN_RESPONSE_TO_MC_AND_SERUM_DEPRIVATION_DN
                                                                                   GNF2_TNFSF10, GNF2_TNFSF10
                                                                                   HP_BILIARY_TRACT_ABNORMALITY, HP_BILIARY_TRACT_ABNORMALITY
                                                                                   PID_TAP63_PATHWAY, PID_TAP63_PATHWAY
                                                                                   REACTOME_SIGNALING_BY_FGFR_IN_DISEASE, REACTOME_SIGNALING_BY_FGFR_IN_DISEASE
                                                                                   MIR4435, MIR4435
                                                                                   REACTOME_TGF_BETA_RECEPTOR_SIGNALING_ACTIVATES_SMADS, REACTOME_TGF_BETA_RECEPTOR_SIGNALING_ACTIVATES_SMADS
                                                                                   MIR3140_5P, MIR3140_5P
                                                                                   MIR6754_5P, MIR6754_5P
                                                                                   MCCLUNG_CREB1_TARGETS_DN, MCCLUNG_CREB1_TARGETS_DN
                                                                                   PID_NOTCH_PATHWAY, PID_NOTCH_PATHWAY
                                                                                   RPA1_TARGET_GENES, RPA1_TARGET_GENES
                                                                                   HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_INNER_EAR, HP_MORPHOLOGICAL_ABNORMALITY_OF_THE_INNER_EAR
                                                                                   HP_ABNORMALITY_OF_VITAMIN_B12_METABOLISM, HP_ABNORMALITY_OF_VITAMIN_B12_METABOLISM
                                                                                   SENESE HDAC2 TARGETS DN, SENESE HDAC2 TARGETS DN
                                                                                   GOBP_POLYSACCHARIDE_BIOSYNTHETIC_PROCESS, GOBP_POLYSACCHARIDE_BIOSYNTHETIC_PROCESS
5H_VS_4H_CPG_BMDC_UP, GSE17721_0.5H_VS_4H_CPG_BMDC_UP
                                                                                   GOBP_MEMBRANE_PROTEIN_ECTODOMAIN_PROTEOLYSIS, GOBP_MEMBRANE_PROTEIN_ECTODOMAIN_PROTEOLYSIS
                                                                                   XU_CREBBP_TARGETS_DN, XU_CREBBP_TARGETS_DN
                                                                                   GOMF_TRANSFORMING_GROWTH_FACTOR_BETA_RECEPTOR_BINDING, GOMF_TRANSFORMING_GROWTH_FACTOR_BETA_RECEPTOR_BINDING
                                                                                   GOBP_CELLULAR_CARBOHYDRATE_BIOSYNTHETIC_PROCESS, GOBP_CELLULAR_CARBOHYDRATE_BIOSYNTHETIC_PROCESS
                                                                                   HP_ABNORMAL_BILIARY_TRACT_MORPHOLOGY, HP_ABNORMAL_BILIARY_TRACT_MORPHOLOGY
                                                                                    HP_ABNORMAL_VITAMIN_B12_LEVEL, HP_ABNORMAL_VITAMIN_B12_LEVEL
                                                                                   HP_ISCHEMIC_STROKE, HP_ISCHEMIC_STROKE
                                                                                   CHEN_PDGF_TARGETS, CHEN_PDGF_TARGETS
                                                                                   GOBP_VITAMIN_BIOSYNTHETIC_PROCESS, GOBP_VITAMIN_BIOSYNTHETIC_PROCESS
                                                                                   MODULE_424, MODULE_424
                                                                                   HP_APLASIA_HYPOPLASIA_OF_THE_ABDOMINAL_WALL_MUSCULATURE, HP_APLASIA_HYPOPLASIA_OF_THE_ABDOMINAL_WALL_MUSCULATURE
                                                                                   GOMF_UBIQUITIN_LIGASE_SUBSTRATE_ADAPTOR_ACTIVITY, GOMF_UBIQUITIN_LIGASE_SUBSTRATE_ADAPTOR_ACTIVITY
                                                                                   WP_4HYDROXYTAMOXIFEN_DEXAMETHASONE_AND_RETINOIC_ACIDS_REGULATION_OF_P27_EXPRESSION, WP_4HYDROXYTAMOXIFEN_DEXAMETHASONE_AND_RETINOIC_ACIDS_REGULATION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXPRESSION_OF_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EXP_P27_EX
                                                                                   MIR328_5P, MIR328_5P
                                                                                   GGGGCCC_MIR296, GGGGCCC_MIR296
                                                                                   HP_PERIPHERAL_ARTERIAL_STENOSIS, HP_PERIPHERAL_ARTERIAL_STENOSIS
                                                                                    HP_SUBARACHNOID_HEMORRHAGE, HP_SUBARACHNOID_HEMORRHAGE
                                                                                   GOMF_LIGAND_GATED_CALCIUM_CHANNEL_ACTIVITY, GOMF_LIGAND_GATED_CALCIUM_CHANNEL_ACTIVITY
                                                                                   HP_PERIPHERAL_DEMYELINATION, HP_PERIPHERAL_DEMYELINATION
                                                                                   GUO_HEX_TARGETS_DN, GUO_HEX_TARGETS_DN
                                                                                   GOMF_ACTIVIN_BINDING, GOMF_ACTIVIN_BINDING
                                                                                    JACKSON_DNMT1_TARGETS_DN, JACKSON_DNMT1_TARGETS_DN
                                                                                    CUI_TCF21_TARGETS_DN, CUI_TCF21_TARGETS_DN
                                                                                   GOBP_VENTRICULAR_SEPTUM_MORPHOGENESIS, GOBP_VENTRICULAR_SEPTUM_MORPHOGENESIS
                                                                                   MIR4751, MIR4751
                                                                                    HP_NEUTROPENIA_IN_PRESENCE_OF_ANTI_NEUTROPIL_ANTIBODIES, HP_NEUTROPENIA_IN_PRESENCE_OF_ANTI_NEUTROPIL_ANTIBODIES
                                                                                   HP_CORONARY_ARTERY_ATHEROSCLEROSIS, HP_CORONARY_ARTERY_ATHEROSCLEROSIS
                                                                                    TSUNODA_CISPLATIN_RESISTANCE_DN, TSUNODA_CISPLATIN_RESISTANCE_DN
                                                                                    GOBP_NEGATIVE_REGULATION_OF_ERK1_AND_ERK2_CASCADE, GOBP_NEGATIVE_REGULATION_OF_ERK1_AND_ERK2_CASCADE
                                                                                   MIR432_3P, MIR432_3P
                                                                                   GOBP_GLUCAN_BIOSYNTHETIC_PROCESS, GOBP_GLUCAN_BIOSYNTHETIC_PROCESS
                                                                                   GOBP_INOSITOL_PHOSPHATE_MEDIATED_SIGNALING, GOBP_INOSITOL_PHOSPHATE_MEDIATED_SIGNALING
                                                                                   BREUHAHN_GROWTH_FACTOR_SIGNALING_IN_LIVER_CANCER, BREUHAHN_GROWTH_FACTOR_SIGNALING_IN_LIVER_CANCER
                                                                                   MODULE_240, MODULE_240
                                                                                   GOBP_EMBRYONIC_SKELETAL_SYSTEM_MORPHOGENESIS, GOBP_EMBRYONIC_SKELETAL_SYSTEM_MORPHOGENESIS
                                                                                   WATANABE_ULCERATIVE_COLITIS_WITH_CANCER_UP, WATANABE_ULCERATIVE_COLITIS_WITH_CANCER_UP
                                                                                   LEIN_LOCALIZED_TO_DISTAL_AND_PROXIMAL_DENDRITES, LEIN_LOCALIZED_TO_DISTAL_AND_PROXIMAL_DENDRITES
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MODULE 313, MODULE 313 LEIN\_MIDBRAIN\_MARKERS, LEIN\_MIDBRAIN\_MARKERS

GOBP\_OVULATION\_CYCLE, GOBP\_OVULATION\_CYCLE HP\_KETONURIA, HP\_KETONURIA GOBP\_NEGATIVE\_REGULATION\_OF\_CELL\_DIVISION, GOBP\_NEGATIVE\_REGULATION\_OF\_CELL\_DIVISION GOBP\_OVULATION\_CYCLE\_PROCESS, GOBP\_OVULATION\_CYCLE\_PROCESS HP\_BILE\_DUCT\_PROLIFERATION, HP\_BILE\_DUCT\_PROLIFERATION GOBP\_HEAD\_MORPHOGENESIS, GOBP\_HEAD\_MORPHOGENESIS

REACTOME\_FCGR3A\_MEDIATED\_IL10\_SYNTHESIS, REACTOME\_FCGR3A\_MEDIATED\_IL10\_SYNTHESIS REACTOME CASPASE MEDIATED CLEAVAGE OF CYTOSKELETAL PROTEINS, REACTOME CASPASE MEDIATED CLEAVAGE OF CYTOSKELETAL PROTEINS

HP\_DESCENDING\_THORACIC\_AORTA\_ANEURYSM, HP\_DESCENDING\_THORACIC\_AORTA\_ANEURYSM GOMF\_CALCIUM\_RELEASE\_CHANNEL\_ACTIVITY, GOMF\_CALCIUM\_RELEASE\_CHANNEL\_ACTIVITY

KIM\_LIVER\_CANCER\_POOR\_SURVIVAL\_DN, KIM\_LIVER\_CANCER\_POOR\_SURVIVAL\_DN WP\_IMATINIB\_AND\_CHRONIC\_MYELOID\_LEUKEMIA, WP\_IMATINIB\_AND\_CHRONIC\_MYELOID\_LEUKEMIA HP\_ASCENDING\_TUBULAR\_AORTA\_ANEURYSM, HP\_ASCENDING\_TUBULAR\_AORTA\_ANEURYSM ZHAN\_MULTIPLE\_MYELOMA\_MF\_UP, ZHAN\_MULTIPLE\_MYELOMA\_MF\_UP HP\_HALITOSIS, HP\_HALITOSIS

HP\_CHOLANGITIS, HP\_CHOLANGITIS GOMF\_LIGAND\_GATED\_SODIUM\_CHANNEL\_ACTIVITY, GOMF\_LIGAND\_GATED\_SODIUM\_CHANNEL\_ACTIVITY GOBP POSITIVE REGULATION OF EPITHELIAL CELL APOPTOTIC PROCESS, GOBP POSITIVE REGULATION OF EPITHELIAL CELL APOPTOTIC PROCESS

GOMF\_SULFOTRANSFERASE\_ACTIVITY, GOMF\_SULFOTRANSFERASE\_ACTIVITY MODULE\_547, MODULE\_547

MODULE\_156, MODULE\_156 HP\_PUSTULE, HP\_PUSTULE

CAR\_MYST2, CAR\_MYST2

HP\_RECURRENT\_HERPES, HP\_RECURRENT\_HERPES

GOCC\_MYOSIN\_COMPLEX, GOCC\_MYOSIN\_COMPLEX

REACTOME\_SIGNALING\_BY\_NOTCH1\_T\_7\_9\_NOTCH1\_M1580\_K2555\_TRANSLOCATION\_MUTANT, REACTOME\_SIGNALING\_BY\_NOTCH1\_T\_7\_9\_NOTCH1\_M1580\_K2555\_TRANSLOCATION\_MUTANT

DURANTE\_ADULT\_OLFACTORY\_NEUROEPITHELIUM\_OLFACTORY\_MICROVILLAR\_CELLS, DURANTE\_ADULT\_OLFACTORY\_NEUROEPITHELIUM\_OLFACTORY\_MICROVILLAR\_CELLS

GOBP\_NOTCH\_RECEPTOR\_PROCESSING\_LIGAND\_DEPENDENT, GOBP\_NOTCH\_RECEPTOR\_PROCESSING\_LIGAND\_DEPENDENT GOBP\_REGULATION\_OF\_LIPOPROTEIN\_LIPASE\_ACTIVITY, GOBP\_REGULATION\_OF\_LIPOPROTEIN\_LIPASE\_ACTIVITY BIOCARTA\_ACETAMINOPHEN\_PATHWAY, BIOCARTA\_ACETAMINOPHEN\_PATHWAY

GOBP\_VENTRICULAR\_COMPACT\_MYOCARDIUM\_MORPHOGENESIS, GOBP\_VENTRICULAR\_COMPACT\_MYOCARDIUM\_MORPHOGENESIS HP\_ELEVATED\_MEAN\_ARTERIAL\_PRESSURE, HP\_ELEVATED\_MEAN\_ARTERIAL\_PRESSURE

GOMF\_TYPE\_II\_TRANSFORMING\_GROWTH\_FACTOR\_BETA\_RECEPTOR\_BINDING, GOMF\_TYPE\_II\_TRANSFORMING\_GROWTH\_FACTOR\_BETA\_RECEPTOR\_BINDING ZFP36L1\_TARGET\_GENES, ZFP36L1\_TARGET\_GENES

RAY\_TARGETS\_OF\_P210\_BCR\_ABL\_FUSION\_DN, RAY\_TARGETS\_OF\_P210\_BCR\_ABL\_FUSION\_DN GOBP\_NEGATIVE\_REGULATION\_OF\_LIPASE\_ACTIVITY, GOBP\_NEGATIVE\_REGULATION\_OF\_LIPASE\_ACTIVITY

GOMF\_PROTEIN\_MEMBRANE\_ADAPTOR\_ACTIVITY, GOMF\_PROTEIN\_MEMBRANE\_ADAPTOR\_ACTIVITY

GOBP\_POSITIVE\_REGULATION\_OF\_CELL\_MIGRATION\_INVOLVED\_IN\_SPROUTING\_ANGIOGENESIS, GOBP\_POSITIVE\_REGULATION\_OF\_CELL\_MIGRATION\_INVOLVED\_IN\_SPROUTING\_ANGIOG WP\_GENE\_REGULATORY\_NETWORK\_MODELLING\_SOMITOGENESIS, WP\_GENE\_REGULATORY\_NETWORK\_MODELLING\_SOMITOGENESIS

GOBP\_ENDOCYTOSIS\_INVOLVED\_IN\_VIRAL\_ENTRY\_INTO\_HOST\_CELL, GOBP\_ENDOCYTOSIS\_INVOLVED\_IN\_VIRAL\_ENTRY\_INTO\_HOST\_CELL

HP\_SMOOTH\_MUSCLE\_ANTIBODY\_POSITIVITY, HP\_SMOOTH\_MUSCLE\_ANTIBODY\_POSITIVITY HP\_ABNORMAL\_SWEAT\_HOMEOSTASIS, HP\_ABNORMAL\_SWEAT\_HOMEOSTASIS

WEBER METHYLATED\_HCP\_IN\_FIBROBLAST\_UP, WEBER\_METHYLATED\_HCP\_IN\_FIBROBLAST\_UP

REACTOME\_GABA\_B\_RECEPTOR\_ACTIVATION, REACTOME\_GABA\_B\_RECEPTOR\_ACTIVATION

HP\_RIB\_SEGMENTATION\_ABNORMALITIES, HP\_RIB\_SEGMENTATION\_ABNORMALITIES FAN\_EMBRYONIC\_CTX\_EX\_1\_EXCITATORY\_NEURON, FAN\_EMBRYONIC\_CTX\_EX\_1\_EXCITATORY\_NEURON

GOBP\_PARALLEL\_ACTIN\_FILAMENT\_BUNDLE\_ASSEMBLY, GOBP\_PARALLEL\_ACTIN\_FILAMENT\_BUNDLE\_ASSEMBLY LY\_AGING\_OLD\_UP, LY\_AGING\_OLD\_UP

ERWIN\_COHEN\_BLOOD\_VACCINE\_TC\_83\_AGE\_23\_48YO\_VACCINATED\_VS\_CONTROL\_14DY\_DN, ERWIN\_COHEN\_BLOOD\_VACCINE\_TC\_83\_AGE\_23\_48YO\_VACCINATED\_VS\_CONTROL\_14DY\_DN MIR6795\_3P, MIR6795\_3P

GOBP\_NEGATIVE\_REGULATION\_OF\_SMOOTH\_MUSCLE\_CELL\_DIFFERENTIATION, GOBP\_NEGATIVE\_REGULATION\_OF\_SMOOTH\_MUSCLE\_CELL\_DIFFERENTIATION IIZUKA\_LIVER\_CANCER\_PROGRESSION\_L1\_G1\_UP, IIZUKA\_LIVER\_CANCER\_PROGRESSION\_L1\_G1\_UP

GOMF\_INTRACELLULAR\_LIGAND\_GATED\_ION\_CHANNEL\_ACTIVITY, GOMF\_INTRACELLULAR\_LIGAND\_GATED\_ION\_CHANNEL\_ACTIVITY GOBP\_GERM\_CELL\_MIGRATION, GOBP\_GERM\_CELL\_MIGRATION

HP\_ABNORMALLY\_OSSIFIED\_VERTEBRAE, HP\_ABNORMALLY\_OSSIFIED\_VERTEBRAE

chr3p23, chr3p23

GOBP\_REGULATION\_OF\_SOMITOGENESIS, GOBP\_REGULATION\_OF\_SOMITOGENESIS GSE5589 WT VS IL10 KO LPS AND IL10 STIM MACROPHAGE 180MIN DN, GSE5589 WT VS IL10 KO LPS AND IL10 STIM MACROPHAGE 180MIN DN

GOBP\_VASCULAR\_ASSOCIATED\_SMOOTH\_MUSCLE\_CELL\_DIFFERENTIATION, GOBP\_VASCULAR\_ASSOCIATED\_SMOOTH\_MUSCLE\_CELL\_DIFFERENTIATION WP\_SOMITOGENESIS\_IN\_THE\_CONTEXT\_OF\_SPONDYLOCOSTAL\_DYSOSTOSIS, WP\_SOMITOGENESIS\_IN\_THE\_CONTEXT\_OF\_SPONDYLOCOSTAL\_DYSOSTOSIS

GOBP\_NEGATIVE\_REGULATION\_OF\_LIPOPROTEIN\_LIPASE\_ACTIVITY, GOBP\_NEGATIVE\_REGULATION\_OF\_LIPOPROTEIN\_LIPASE\_ACTIVITY

GOBP\_T\_CELL\_CHEMOTAXIS, GOBP\_T\_CELL\_CHEMOTAXIS HP\_PILI\_TORTI, HP\_PILI\_TORTI REACTOME\_GABA\_RECEPTOR\_ACTIVATION, REACTOME\_GABA\_RECEPTOR\_ACTIVATION

GOBP\_POSITIVE\_REGULATION\_OF\_ENDOTHELIAL\_CELL\_DEVELOPMENT, GOBP\_POSITIVE\_REGULATION\_OF\_ENDOTHELIAL\_CELL\_DEVELOPMENT HP\_ABNORMALITY\_OF\_BLOOD\_VOLUME\_HOMEOSTASIS, HP\_ABNORMALITY\_OF\_BLOOD\_VOLUME\_HOMEOSTASIS WEBER\_METHYLATED\_HCP\_IN\_SPERM\_UP, WEBER\_METHYLATED\_HCP\_IN\_SPERM\_UP

GOBP REGULATION OF VASCULAR ASSOCIATED SMOOTH MUSCLE CELL DIFFERENTIATION, GOBP REGULATION OF VASCULAR ASSOCIATED SMOOTH MUSCLE CELL DIFFERENTIATIO

chr14q31, chr14q31 GOBP\_NEGATIVE\_REGULATION\_OF\_STEM\_CELL\_POPULATION\_MAINTENANCE, GOBP\_NEGATIVE\_REGULATION\_OF\_STEM\_CELL\_POPULATION\_MAINTENANCE