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GSE36009_WT_VS_NLRP10_KO_DC_DN, GSE36009_WT_VS_NLRP10_KO_DC_DN
                                                                                                                                                                        GSE29164_UNTREATED_VS_CD8_TCELL_AND_IL12_TREATED_MELANOMA_DAY7_UP, GSE29164_UNTREATED_TCELL_AND_IL12_TREATED_MELANOMA_DAY7_UP, GSE29164_UNTREATED_TCELL_AND_IL12_TREATED_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TCELL_TC
                                                                                                                                                                        GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_1H_UP, GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_1H_UP
                                                                                                                                                                        GSE4142_NAIVE_BCELL_VS_PLASMA_CELL_UP, GSE4142_NAIVE_BCELL_VS_PLASMA_CELL_UP
                                                                                                                                                                        GSE39820_CTRL_VS_TGFBETA1_IL6_IL23A_CD4_TCELL_UP, GSE39820_CTRL_VS_TGFBETA1_IL6_IL23A_CD4_TCELL_UP
                                                                                                                                                                        GSE369_IFNG_KO_VS_WT_LIVER_UP, GSE369_IFNG_KO_VS_WT_LIVER_UP
                                                                                                                                                                        GSE26351_UNSTIM_VS_WNT_PATHWAY_STIM_HEMATOPOIETIC_PROGENITORS_UP, GSE26351_UNSTIM_VS_WNT_PATHWAY_STIM_HEMATOPOIETIC_PROGENITOR
                                                                                                                                                                        GSE10273_HIGH_VS_LOW_IL7_TREATED_IRF4_8_NULL_PRE_BCELL_UP, GSE10273_HIGH_VS_LOW_IL7_TREATED_IRF4_8_NULL_PRE_BCELL_UP
                                                                                                                                                                        GSE37416_0H_VS_6H_F_TULARENSIS_LVS_NEUTROPHIL_UP, GSE37416_0H_VS_6H_F_TULARENSIS_LVS_NEUTROPHIL_UP
                                                                                                                                                                        GSE35825_IFNA_VS_IFNG_STIM_MACROPHAGE_DN, GSE35825_IFNA_VS_IFNG_STIM_MACROPHAGE_DN
                                                                                                                                                                        GSE411_UNSTIM_VS_100MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_UP, GSE411_UNSTIM_VS_100MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_UP
                                                                                                                                                                        GSE45365_NK_CELL_VS_CD11B_DC_MCMV_INFECTION_DN, GSE45365_NK_CELL_VS_CD11B_DC_MCMV_INFECTION_DN
                                                                                                                                                                        GSE17721_POLYIC_VS_PAM3CSK4_2H_BMDC_UP, GSE17721_POLYIC_VS_PAM3CSK4_2H_BMDC_UP
                                                                                                                                                                        GSE28737_FOLLICULAR_VS_MARGINAL_ZONE_BCELL_BCL6_HET_UP, GSE28737_FOLLICULAR_VS_MARGINAL_ZONE_BCELL_BCL6_HET_UP
                                                                                                                                                                        GSE3565_CTRL_VS_LPS_INJECTED_SPLENOCYTES_UP, GSE3565_CTRL_VS_LPS_INJECTED_SPLENOCYTES_UP
                                                                                                                                                                        GSE32423_CTRL_VS_IL7_IL4_MEMORY_CD8_TCELL_UP, GSE32423_CTRL_VS_IL7_IL4_MEMORY_CD8_TCELL_UP
                                                                                                                                                                        GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_DN, GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_DN
                                                                                                                                                                        GSE40274_LEF1_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_LEF1_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                                                                                        GSE7831_UNSTIM_VS_INFLUENZA_STIM_PDC_1H_DN, GSE7831_UNSTIM_VS_INFLUENZA_STIM_PDC_1H_DN
                                                                                                                                                                        MIR513B_3P, MIR513B_3P
                                                                                                                                                                        GSE42021_CD24HI_VS_CD24INT_TCONV_THYMUS_UP, GSE42021_CD24HI_VS_CD24INT_TCONV_THYMUS_UP
                                                                                                                                                                        GSE3565_DUSP1_VS_WT_SPLENOCYTES_UP, GSE3565_DUSP1_VS_WT_SPLENOCYTES_UP
                                                                                                                                                                        LTE2_UP.V1_UP, LTE2_UP.V1_UP
                                                                                                                                                                        WAMUNYOKOLI OVARIAN CANCER GRADES 1 2 UP, WAMUNYOKOLI OVARIAN CANCER GRADES 1 2 UP
                                                                                                                                                                        GSE27786_LSK_VS_NEUTROPHIL_DN, GSE27786_LSK_VS_NEUTROPHIL_DN
                                                                                                                                                                        ZHENG_CORD_BLOOD_C10_MULTILYMPHOID_PROGENITOR, ZHENG_CORD_BLOOD_C10_MULTILYMPHOID_PROGENITOR
                                                                                                                                                                        FIRESTEIN_PROLIFERATION, FIRESTEIN_PROLIFERATION
                                                                                                                                                                        MIR1179, MIR1179
                                                                                                                                                                        MIR1183, MIR1183
                                                                                                                                                                        MIR7156_5P, MIR7156_5P
                                                                                                                                                                        BASSO_CD40_SIGNALING_DN, BASSO_CD40_SIGNALING_DN
                                                                                                                                                                        GSE20366_TREG_VS_TCONV_UP, GSE20366_TREG_VS_TCONV_UP
                                                                                                                                                                        PID_FAK_PATHWAY, PID_FAK_PATHWAY
                                                                                                                                                                        MIR7114_5P, MIR7114_5P
                                                                                                                                                                        MIR6845_3P, MIR6845_3P
                                                                                                                                                                        MIR4443, MIR4443
                                                                                                                                                                        MIR7849_3P, MIR7849_3P
                                                                                                                                                                        GSE13411_NAIVE_VS_IGM_MEMORY_BCELL_UP, GSE13411_NAIVE_VS_IGM_MEMORY_BCELL_UP
                                                                                                                                                                        GGCAGTG_MIR3243P, GGCAGTG_MIR3243P
                                                                                                                                                                        GAGCCTG MIR484, GAGCCTG MIR484
                                                                                                                                                                        MIR4299, MIR4299
                                                                                                                                                                        ACTGCAG_MIR173P, ACTGCAG_MIR173P
                                                                                                                                                                        MIR4273, MIR4273
                                                                                                                                                                        REACTOME RHOG GTPASE CYCLE, REACTOME RHOG GTPASE CYCLE
                                                                                                                                                                        HP_LOWER_LIMB_MUSCLE_WEAKNESS, HP_LOWER_LIMB_MUSCLE_WEAKNESS
                                                                                                                                                                         MIR4430, MIR4430
                                                                                                                                                                        GAVIN_FOXP3_TARGETS_CLUSTER_P7, GAVIN_FOXP3_TARGETS_CLUSTER_P7
                                                                                                                                                                         MIR17_3P, MIR17_3P
                                                                                                                                                                         GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_BCELL_UP, GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_BCELL_UP
                                                                                                                                                                         MIR3652, MIR3652
                                                                                                                                                                         MIR5587_5P, MIR5587_5P
                                                                                                                                                                         MIR3201, MIR3201
                                                                                                                                                                         MIR6745, MIR6745
                                                                                                                                                                         GCM_IL6ST, GCM_IL6ST
                                                                                                                                                                         MIR623, MIR623
                                                                                                                                                                         GSE21927_UNTREATED_VS_GMCSF_IL6_TREATED_BONE_MARROW_UP, GSE21927_UNTREATED_VS_GMCSF_IL6_TREATED_BONE_MARROW_UP
                                                                                                                                                                         GSE41978_ID2_KO_VS_ID2_KO_AND_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_ID2_KO_VS_ID2_KO_AND_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_T
                                                                                                                                                                         TURASHVILI_BREAST_LOBULAR_CARCINOMA_VS_DUCTAL_NORMAL_DN, TURASHVILI_BREAST_LOBULAR_CARCINOMA_VS_DUCTAL_NORMAL_DN
                                                                                                                                                                         MIR4526, MIR4526
                                                                                                                                                                         HP_SKELETAL_MUSCLE_HYPERTROPHY, HP_SKELETAL_MUSCLE_HYPERTROPHY
                                                                                                                                                                         MIR3660, MIR3660
                                                                                                                                                                        MIR4714_5P, MIR4714_5P
                                                                                                                                                                        MIR5004_3P, MIR5004_3P
                                                                                                                                                                        AR_03, AR_03
                                                                                                                                                                       MIR4463, MIR4463
ELL_AND_IL12_TREATED_MELANOMA_DAY7_UP, GSE29164_CD8_TCELL_VS_CD8_TCELL_AND_IL12_TREATED_MELANOMA_DAY7_UP
                                                                                                                                                                        HP_LIMITED_ELBOW_MOVEMENT, HP_LIMITED_ELBOW_MOVEMENT
                                                                                                                                                                        HP_MITRAL_VALVE_PROLAPSE, HP_MITRAL_VALVE_PROLAPSE
                                                                                                                                                                        MIR4491, MIR4491
                                                                                                                                                                         chr1q22, chr1q22
                                                                                                                                                                         REACTOME_NEGATIVE_REGULATORS_OF_DDX58_IFIH1_SIGNALING, REACTOME_NEGATIVE_REGULATORS_OF_DDX58_IFIH1_SIGNALING
                                                                                                                                                                         MIR4657, MIR4657
                                                                                                                                                                         GOBP_CELLULAR_CARBOHYDRATE_CATABOLIC_PROCESS, GOBP_CELLULAR_CARBOHYDRATE_CATABOLIC_PROCESS
                                                                                                                                                                         MIR3059_3P, MIR3059_3P
                                                                                                                                                                         BOYAULT_LIVER_CANCER_SUBCLASS_G2, BOYAULT_LIVER_CANCER_SUBCLASS_G2
                                                                                                                                                                         HP_HYPOGONADOTROPIC_HYPOGONADISM, HP_HYPOGONADOTROPIC_HYPOGONADISM
                                                                                                                                                                        GRADE_COLON_AND_RECTAL_CANCER_DN, GRADE_COLON_AND_RECTAL_CANCER_DN
                                                                                                                                                                         GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_PRO_BCELL_UP, GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_PRO_BCELL_UP
                                                                                                                                                                         GSE16385_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_DN, GSE16385_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_DN
                                                                                                                                                                         REACTOME_TRAF6_MEDIATED_NF_KB_ACTIVATION, REACTOME_TRAF6_MEDIATED_NF_KB_ACTIVATION
                                                                                                                                                                         MIR483 3P, MIR483 3P
                                                                                                                                                                         WP PDGF PATHWAY, WP PDGF PATHWAY
                                                                                                                                                                         SEITZ_NEOPLASTIC_TRANSFORMATION_BY_8P_DELETION_UP, SEITZ_NEOPLASTIC_TRANSFORMATION_BY_8P_DELETION_UP
                                                                                                                                                                         AR_02, AR_02
                                                                                                                                                                         HP_LIMITED_HIP_MOVEMENT, HP_LIMITED_HIP_MOVEMENT
                                                                                                                                                                         GOCC_DENDRITIC_SHAFT, GOCC_DENDRITIC_SHAFT
                                                                                                                                                                         HP_ELBOW_FLEXION_CONTRACTURE, HP_ELBOW_FLEXION_CONTRACTURE
                                                                                                                                                                         REACTOME_TICAM1_DEPENDENT_ACTIVATION_OF_IRF3_IRF7, REACTOME_TICAM1_DEPENDENT_ACTIVATION_OF_IRF3_IRF7
                                                                                                                                                                         GOBP_TELOMERE_MAINTENANCE_IN_RESPONSE_TO_DNA_DAMAGE, GOBP_TELOMERE_MAINTENANCE_IN_RESPONSE_TO_DNA_DAMAGE
                                                                                                                                                                        MIR563, MIR563
                                                                                                                                                                        GOBP_RESPONSE_TO_CALCIUM_ION, GOBP_RESPONSE_TO_CALCIUM_ION
                                                                                                                                                                        HP_ABNORMAL_SPERMATOGENESIS, HP_ABNORMAL_SPERMATOGENESIS
                                                                                                                                                                        MIR1225_3P, MIR1225_3P
                                                                                                                                                                        MIR6759 5P, MIR6759 5P
                                                                                                                                                                        HP_ADVANCED_ERUPTION_OF_TEETH, HP_ADVANCED_ERUPTION_OF_TEETH
                                                                                                                                                                        MIR8074, MIR8074
                                                                                                                                                                        HP_SCHIZOPHRENIA, HP_SCHIZOPHRENIA
                                                                                                                                                                        HP_SCALING_SKIN, HP_SCALING_SKIN
                                                                                                                                                                        GOBP_RESPONSE_TO_NERVE_GROWTH_FACTOR, GOBP_RESPONSE_TO_NERVE_GROWTH_FACTOR
                                                                                                                                                                        FLOTHO_PEDIATRIC_ALL_THERAPY_RESPONSE_DN, FLOTHO_PEDIATRIC_ALL_THERAPY_RESPONSE_DN
                                                                                                                                                                        GSE43863_TH1_VS_TFH_EFFECTOR_CD4_TCELL_UP, GSE43863_TH1_VS_TFH_EFFECTOR_CD4_TCELL_UP
                                                                                                                                                                        THRAP3_TARGET_GENES, THRAP3_TARGET_GENES
                                                                                                                                                                        BIOCARTA_TALL1_PATHWAY, BIOCARTA_TALL1_PATHWAY
                                                                                                                                                                        GOBP_EMBRYONIC_PATTERN_SPECIFICATION, GOBP_EMBRYONIC_PATTERN_SPECIFICATION
                                                                                                                                                                        MIR4772_5P, MIR4772_5P
                                                                                                                                                                        BIOCARTA_STRESS_PATHWAY, BIOCARTA_STRESS_PATHWAY
                                                                                                                                                                        GOCC_MULTIVESICULAR_BODY_MEMBRANE, GOCC_MULTIVESICULAR_BODY_MEMBRANE
                                                                                                                                                                        HP LOWER LIMB AMYOTROPHY, HP LOWER LIMB AMYOTROPHY
                                                                                                                                                                        XU_RESPONSE_TO_TRETINOIN_UP, XU_RESPONSE_TO_TRETINOIN_UP
                                                                                                                                                                        KIM_ALL_DISORDERS_DURATION_CORR_UP, KIM_ALL_DISORDERS_DURATION_CORR_UP
                                                                                                                                                                        WP_MAPK_AND_NFKB_SIGNALLING_PATHWAYS_INHIBITED_BY_YERSINIA_YOPJ, WP_MAPK_AND_NFKB_SIGNALLING_PATHWAYS_INHIBITED_BY_YERSINIA_YO
                                                                                                                                                                        BIOCARTA_TNFR2_PATHWAY, BIOCARTA_TNFR2_PATHWAY
                                                                                                                                                                        MIR632, MIR632
                                                                                                                                                                        HP_ABNORMAL_CHROMOSOME_MORPHOLOGY, HP_ABNORMAL_CHROMOSOME_MORPHOLOGY
                                                                                                                                                                        MIR6871_5P, MIR6871_5P
                                                                                                                                                                        MIR4641, MIR4641
                                                                                                                                                                        MIR6508_3P, MIR6508_3P
                                                                                                                                                                        WP_INTERACTIONS_BETWEEN_IMMUNE_CELLS_AND_MICRORNAS_IN_TUMOR_MICROENVIRONMENT, WP_INTERACTIONS_BETWEEN_IMMUNE_CELLS_AND_MI
                                                                                                                                                                        GOBP_DIET_INDUCED_THERMOGENESIS, GOBP_DIET_INDUCED_THERMOGENESIS
                                                                                                                                                                        LIU_IL13_PRIMING_MODEL, LIU_IL13_PRIMING_MODEL
                                                                                                                                                                        BIOCARTA_CD40_PATHWAY, BIOCARTA_CD40_PATHWAY
                                                                                                                                                                        GOBP_CELLULAR_RESPONSE_TO_MANGANESE_ION, GOBP_CELLULAR_RESPONSE_TO_MANGANESE_ION
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                                                                                                                                                                        GOBP_CELLULAR_RESPONSE_TO_CALCIUM_ION, GOBP_CELLULAR_RESPONSE_TO_CALCIUM_ION
                                                                                                                                                                        GOBP_VESTIBULOCOCHLEAR_NERVE_DEVELOPMENT, GOBP_VESTIBULOCOCHLEAR_NERVE_DEVELOPMENT
                                                                                                                                                                        HP_TONGUE_THRUSTING, HP_TONGUE_THRUSTING
                                                                                                                                                                        GOCC_ISWI_TYPE_COMPLEX, GOCC_ISWI_TYPE_COMPLEX
                                                                                                                                                                        GOBP_AXIS_SPECIFICATION, GOBP_AXIS_SPECIFICATION
                                                                                                                                                                        CHEOK_RESPONSE_TO_MERCAPTOPURINE_DN, CHEOK_RESPONSE_TO_MERCAPTOPURINE_DN
                                                                                                                                                                        WP_15Q112_COPY_NUMBER_VARIATION_SYNDROME, WP_15Q112_COPY_NUMBER_VARIATION_SYNDROME
                                                                                                                                                                        GOBP_CARBOHYDRATE_TRANSMEMBRANE_TRANSPORT, GOBP_CARBOHYDRATE_TRANSMEMBRANE_TRANSPORT
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