```
BLANCO_MELO_COVID19_SARS_COV_2_POS_PATIENT_LUNG_TISSUE_UP, BLANCO_MELO_COVID19_SARS_COV_2_POS_PATIENT_LUNG_TISSUE_UP
                                                                       SMIRNOV_CIRCULATING_ENDOTHELIOCYTES_IN_CANCER_UP, SMIRNOV_CIRCULATING_ENDOTHELIOCYTES_IN_CANCER_UP
                                                                       TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_10D_DN, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_10D_DN
                                                                       BROWN_MYELOID_CELL_DEVELOPMENT_UP, BROWN_MYELOID_CELL_DEVELOPMENT_UP
                                                                       HESS_TARGETS_OF_HOXA9_AND_MEIS1_DN, HESS_TARGETS_OF_HOXA9_AND_MEIS1_DN
                                                                       TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_ERYTHROCYTE_UP, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_ERYTHROCYTE_UP
                                                                       TONKS TARGETS OF RUNX1 RUNX1T1 FUSION HSC DN, TONKS TARGETS OF RUNX1 RUNX1T1 FUSION HSC DN
                                                                       ALTEMEIER_RESPONSE_TO_LPS_WITH_MECHANICAL_VENTILATION, ALTEMEIER_RESPONSE_TO_LPS_WITH_MECHANICAL_VENTILATION
                                                                       TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_HSC_UP, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_HSC_UP
                                                                       TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_10D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_10D_UP
                                                                       RUIZ_TNC_TARGETS_UP, RUIZ_TNC_TARGETS_UP
                                                                       NAKAYAMA_SOFT_TISSUE_TUMORS_PCA1_UP, NAKAYAMA_SOFT_TISSUE_TUMORS_PCA1_UP
                                                                       VART_KSHV_INFECTION_ANGIOGENIC_MARKERS_UP, VART_KSHV_INFECTION_ANGIOGENIC_MARKERS_UP
                                                                       HECKER_IFNB1_TARGETS, HECKER_IFNB1_TARGETS
                                                                       TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_3D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_3D_UP
                                                                      GRAHAM_CML_DIVIDING_VS_NORMAL_QUIESCENT_DN, GRAHAM_CML_DIVIDING_VS_NORMAL_QUIESCENT_DN
                                                                      BLANCO_MELO_COVID19_BRONCHIAL_EPITHELIAL_CELLS_SARS_COV_2_INFECTION_UP, BLANCO_MELO_COVID19_BRONCHIAL_EPITHELIAL_CELLS_SARS_COV_2_INFECTION_UP
                                                                       LENAOUR_DENDRITIC_CELL_MATURATION_DN, LENAOUR_DENDRITIC_CELL_MATURATION_DN
                                                                      NAKAJIMA_EOSINOPHIL, NAKAJIMA_EOSINOPHIL
                                                                       PODAR_RESPONSE_TO_ADAPHOSTIN_UP, PODAR_RESPONSE_TO_ADAPHOSTIN_UP
                                                                       TAVOR_CEBPA_TARGETS_UP, TAVOR_CEBPA_TARGETS_UP
                                                                       LIAN_LIPA_TARGETS_6M, LIAN_LIPA_TARGETS_6M
                                                                      BASSO_CD40_SIGNALING_UP, BASSO_CD40_SIGNALING_UP
                                                                      PETROVA_ENDOTHELIUM_LYMPHATIC_VS_BLOOD_DN, PETROVA_ENDOTHELIUM_LYMPHATIC_VS_BLOOD_DN
                                                                      GAURNIER_PSMD4_TARGETS, GAURNIER_PSMD4_TARGETS
                                                                      PHONG TNF RESPONSE VIA P38 PARTIAL, PHONG TNF RESPONSE VIA P38 PARTIAL
                                                                       VALK_AML_CLUSTER_5, VALK_AML_CLUSTER_5
                                                                      WINZEN_DEGRADED_VIA_KHSRP, WINZEN_DEGRADED_VIA_KHSRP
                                                                       TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_8D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_8D_UP
                                                                       LIAN_LIPA_TARGETS_3M, LIAN_LIPA_TARGETS_3M
                                                                       WIERENGA_STAT5A_TARGETS_DN, WIERENGA_STAT5A_TARGETS_DN
                                                                      LIANG_SILENCED_BY_METHYLATION_2, LIANG_SILENCED_BY_METHYLATION_2
                                                                      BROCKE_APOPTOSIS_REVERSED_BY_IL6, BROCKE_APOPTOSIS_REVERSED_BY_IL6
                                                                      GERY_CEBP_TARGETS, GERY_CEBP_TARGETS
                                                                       VECCHI_GASTRIC_CANCER_ADVANCED_VS_EARLY_UP, VECCHI_GASTRIC_CANCER_ADVANCED_VS_EARLY_UP
                                                                      GALINDO_IMMUNE_RESPONSE_TO_ENTEROTOXIN, GALINDO_IMMUNE_RESPONSE_TO_ENTEROTOXIN
                                                                       HELLEBREKERS_SILENCED_DURING_TUMOR_ANGIOGENESIS, HELLEBREKERS_SILENCED_DURING_TUMOR_ANGIOGENESIS
                                                                      TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_16D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_16D_UP
                                                                      SARRIO_EPITHELIAL_MESENCHYMAL_TRANSITION_DN, SARRIO_EPITHELIAL_MESENCHYMAL_TRANSITION_DN
                                                                      LI_WILMS_TUMOR_VS_FETAL_KIDNEY_1_UP, LI_WILMS_TUMOR_VS_FETAL_KIDNEY_1_UP
                                                                      CHIANG_LIVER_CANCER_SUBCLASS_CTNNB1_DN, CHIANG_LIVER_CANCER_SUBCLASS_CTNNB1_DN
                                                                       TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_GRANULOCYTE_DN, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_GRANULOCYTE_DN
                                                                      BOYLAN_MULTIPLE_MYELOMA_D_DN, BOYLAN_MULTIPLE_MYELOMA_D_DN
                                                                       APPEL_IMATINIB_RESPONSE, APPEL_IMATINIB_RESPONSE
                                                                      DIRMEIER_LMP1_RESPONSE_EARLY, DIRMEIER_LMP1_RESPONSE_EARLY
                                                                       ICHIBA_GRAFT_VERSUS_HOST_DISEASE_35D_UP, ICHIBA_GRAFT_VERSUS_HOST_DISEASE_35D_UP
                                                                      LIU VAV3 PROSTATE CARCINOGENESIS UP, LIU VAV3 PROSTATE CARCINOGENESIS UP
                                                                      GRAHAM_CML_QUIESCENT_VS_NORMAL_QUIESCENT_DN, GRAHAM_CML_QUIESCENT_VS_NORMAL_QUIESCENT_DN
                                                                      PHONG_TNF_TARGETS_UP, PHONG_TNF_TARGETS_UP
                                                                      DELPUECH_FOXO3_TARGETS_UP, DELPUECH_FOXO3_TARGETS_UP
                                                                       VILIMAS_NOTCH1_TARGETS_UP, VILIMAS_NOTCH1_TARGETS_UP
                                                                       KATSANOU_ELAVL1_TARGETS_UP, KATSANOU_ELAVL1_TARGETS_UP
                                                                      SANA_TNF_SIGNALING_UP, SANA_TNF_SIGNALING_UP
                                                                       ALCALAY_AML_BY_NPM1_LOCALIZATION_UP, ALCALAY_AML_BY_NPM1_LOCALIZATION_UP
                                                                       NEMETH_INFLAMMATORY_RESPONSE_LPS_UP, NEMETH_INFLAMMATORY_RESPONSE_LPS_UP
                                                                       LENAOUR_DENDRITIC_CELL_MATURATION_UP, LENAOUR_DENDRITIC_CELL_MATURATION_UP
                                                                       BASSO_CD40_SIGNALING_DN, BASSO_CD40_SIGNALING_DN
                                                                       KIM_RESPONSE_TO_TSA_AND_DECITABINE_UP, KIM_RESPONSE_TO_TSA_AND_DECITABINE_UP
                                                                       BOYLAN_MULTIPLE_MYELOMA_PCA1_UP, BOYLAN_MULTIPLE_MYELOMA_PCA1_UP
                                                                       LINDSTEDT_DENDRITIC_CELL_MATURATION_B, LINDSTEDT_DENDRITIC_CELL_MATURATION_B
                                                                       GRAHAM_NORMAL_QUIESCENT_VS_NORMAL_DIVIDING_UP, GRAHAM_NORMAL_QUIESCENT_VS_NORMAL_DIVIDING_UP
                                                                       MISSIAGLIA_REGULATED_BY_METHYLATION_UP, MISSIAGLIA_REGULATED_BY_METHYLATION_UP
                                                                       ONDER_CDH1_SIGNALING_VIA_CTNNB1, ONDER_CDH1_SIGNALING_VIA_CTNNB1
                                                                       SCHOEN_NFKB_SIGNALING, SCHOEN_NFKB_SIGNALING
                                                                       LEE_LIVER_CANCER_ACOX1_UP, LEE_LIVER_CANCER_ACOX1_UP
                                                                       JISON_SICKLE_CELL_DISEASE_UP, JISON_SICKLE_CELL_DISEASE_UP
                                                                       TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_3D_DN, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_3D_DN
                                                                       MCBRYAN_PUBERTAL_TGFB1_TARGETS_DN, MCBRYAN_PUBERTAL_TGFB1_TARGETS_DN
                                                                       KUROZUMI_RESPONSE_TO_ONCOCYTIC_VIRUS, KUROZUMI_RESPONSE_TO_ONCOCYTIC_VIRUS
                                                                       HAHTOLA_MYCOSIS_FUNGOIDES_CD4_UP, HAHTOLA_MYCOSIS_FUNGOIDES_CD4_UP
                                                                       AMIT_EGF_RESPONSE_120_HELA, AMIT_EGF_RESPONSE_120_HELA
                                                                       DEMAGALHAES_AGING_UP, DEMAGALHAES_AGING_UP
                                                                       TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_SUSTAINDED_IN_ERYTHROCYTE_UP, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_SUSTAINDED_IN_ERYTHROCYTE_UP
                                                                       KOBAYASHI_EGFR_SIGNALING_24HR_UP, KOBAYASHI_EGFR_SIGNALING_24HR_UP
                                                                       ROSS_AML_WITH_MLL_FUSIONS, ROSS_AML_WITH_MLL_FUSIONS
                                                                       GUENTHER_GROWTH_SPHERICAL_VS_ADHERENT_DN, GUENTHER_GROWTH_SPHERICAL_VS_ADHERENT_DN
                                                                       GEISS_RESPONSE_TO_DSRNA_UP, GEISS_RESPONSE_TO_DSRNA_UP
                                                                       PAPASPYRIDONOS_UNSTABLE_ATEROSCLEROTIC_PLAQUE_UP, PAPASPYRIDONOS_UNSTABLE_ATEROSCLEROTIC_PLAQUE_UP
                                                                       BASSO_HAIRY_CELL_LEUKEMIA_UP, BASSO_HAIRY_CELL_LEUKEMIA_UP
                                                                       FLECHNER_BIOPSY_KIDNEY_TRANSPLANT_REJECTED_VS_OK_UP, FLECHNER_BIOPSY_KIDNEY_TRANSPLANT_REJECTED_VS_OK_UP
                                                                       LEE LIVER CANCER E2F1_UP, LEE LIVER CANCER E2F1_UP
                                                                       RASHI_RESPONSE_TO_IONIZING_RADIATION_2, RASHI_RESPONSE_TO_IONIZING_RADIATION_2
                                                                      LEE_LIVER_CANCER_CIPROFIBRATE_UP, LEE_LIVER_CANCER_CIPROFIBRATE_UP
                                                                       WESTON_VEGFA_TARGETS_6HR, WESTON_VEGFA_TARGETS_6HR
                                                                       MARKEY_RB1_CHRONIC_LOF_DN, MARKEY_RB1_CHRONIC_LOF_DN
                                                                       BURTON_ADIPOGENESIS_PEAK_AT_2HR, BURTON_ADIPOGENESIS_PEAK_AT_2HR
                                                                       AMIT_SERUM_RESPONSE_60_MCF10A, AMIT_SERUM_RESPONSE_60_MCF10A
                                                                       VANHARANTA_UTERINE_FIBROID_DN, VANHARANTA_UTERINE_FIBROID_DN
                                                                      WILENSKY_RESPONSE_TO_DARAPLADIB, WILENSKY_RESPONSE_TO_DARAPLADIB
                                                                       ICHIBA GRAFT VERSUS HOST DISEASE D7 UP, ICHIBA GRAFT VERSUS HOST DISEASE D7 UP
                                                                       NADLER_OBESITY_UP, NADLER_OBESITY_UP
                                                                       ONDER_CDH1_TARGETS_3_DN, ONDER_CDH1_TARGETS_3_DN
                                                                       CROMER_TUMORIGENESIS_UP, CROMER_TUMORIGENESIS_UP
                                                                      GRAHAM_CML_QUIESCENT_VS_NORMAL_DIVIDING_UP, GRAHAM_CML_QUIESCENT_VS_NORMAL_DIVIDING_UP
                                                                      WANG_ESOPHAGUS_CANCER_VS_NORMAL_UP, WANG_ESOPHAGUS_CANCER_VS_NORMAL_UP
                                                                       BILANGES_RAPAMYCIN_SENSITIVE_GENES, BILANGES_RAPAMYCIN_SENSITIVE_GENES
                                                                       CROONQUIST_STROMAL_STIMULATION_UP, CROONQUIST_STROMAL_STIMULATION_UP
                                                                       CHEN_ETV5_TARGETS_SERTOLI, CHEN_ETV5_TARGETS_SERTOLI
                                                                       JINESH_BLEBBISHIELD_TRANSFORMED_STEM_CELL_SPHERES_UP, JINESH_BLEBBISHIELD_TRANSFORMED_STEM_CELL_SPHERES_UP
                                                                       LINDSTEDT_DENDRITIC_CELL_MATURATION_A, LINDSTEDT_DENDRITIC_CELL_MATURATION_A
                                                                       MIKKELSEN_MEF_LCP_WITH_H3K4ME3, MIKKELSEN_MEF_LCP_WITH_H3K4ME3
                                                                      DACOSTA_ERCC3_ALLELE_XPCS_VS_TTD_UP, DACOSTA_ERCC3_ALLELE_XPCS_VS_TTD_UP
                                                                       ROSS_LEUKEMIA_WITH_MLL_FUSIONS, ROSS_LEUKEMIA_WITH_MLL_FUSIONS
                                                                       HUANG_FOXA2_TARGETS_DN, HUANG_FOXA2_TARGETS_DN
                                                                       FRIDMAN_SENESCENCE_UP, FRIDMAN_SENESCENCE_UP
                                                                       HINATA_NFKB_TARGETS_KERATINOCYTE_UP, HINATA_NFKB_TARGETS_KERATINOCYTE_UP
                                                                       IZADPANAH_STEM_CELL_ADIPOSE_VS_BONE_UP, IZADPANAH_STEM_CELL_ADIPOSE_VS_BONE_UP
                                                                       MCBRYAN_PUBERTAL_TGFB1_TARGETS_UP, MCBRYAN_PUBERTAL_TGFB1_TARGETS_UP
                                                                       WEINMANN_ADAPTATION_TO_HYPOXIA_DN, WEINMANN_ADAPTATION_TO_HYPOXIA_DN
                                                                       CORRE_MULTIPLE_MYELOMA_UP, CORRE_MULTIPLE_MYELOMA_UP
                                                                       LEE_LIVER_CANCER_DENA_UP, LEE_LIVER_CANCER_DENA_UP
                                                                       BRUECKNER_TARGETS_OF_MIRLET7A3_DN, BRUECKNER_TARGETS_OF_MIRLET7A3_DN
                                                                       KIM_GLIS2_TARGETS_UP, KIM_GLIS2_TARGETS_UP
                                                                       KAN_RESPONSE_TO_ARSENIC_TRIOXIDE, KAN_RESPONSE_TO_ARSENIC_TRIOXIDE
                                                                       CHIARADONNA_NEOPLASTIC_TRANSFORMATION_CDC25_UP, CHIARADONNA_NEOPLASTIC_TRANSFORMATION_CDC25_UP
                                                                       URS_ADIPOCYTE_DIFFERENTIATION_UP, URS_ADIPOCYTE_DIFFERENTIATION_UP
                                                                       SEKI_INFLAMMATORY_RESPONSE_LPS_UP, SEKI_INFLAMMATORY_RESPONSE_LPS_UP
                                                                       PARK_TRETINOIN_RESPONSE_AND_PML_RARA_FUSION, PARK_TRETINOIN_RESPONSE_AND_PML_RARA_FUSION
                                                                       KERLEY_RESPONSE_TO_CISPLATIN_UP, KERLEY_RESPONSE_TO_CISPLATIN_UP
                                                                       LU_TUMOR_ANGIOGENESIS_UP, LU_TUMOR_ANGIOGENESIS_UP
                                                                       BROWNE_INTERFERON_RESPONSIVE_GENES, BROWNE_INTERFERON_RESPONSIVE_GENES
                                                                       DAVIES_MULTIPLE_MYELOMA_VS_MGUS_DN, DAVIES_MULTIPLE_MYELOMA_VS_MGUS_DN
                                                                      TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_6HR_DN, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_6HR_DN
NPM1_MUTATED_UP, VERHAAK_AML_WITH_NPM1_MUTATED_UP
                                                                      BLANCO_MELO_COVID19_SARS_COV_2_LOW_MOI_INFECTION_A594_ACE2_EXPRESSING_CELLS_UP, BLANCO_MELO_COVID19_SARS_COV_2_LOW_MOI_INFECTION_A594_ACE2_EXPR
                                                                       YAN_ESCAPE_FROM_ANOIKIS, YAN_ESCAPE_FROM_ANOIKIS
                                                                       STEARMAN_LUNG_CANCER_EARLY_VS_LATE_DN, STEARMAN_LUNG_CANCER_EARLY_VS_LATE_DN
                                                                       ADDYA_ERYTHROID_DIFFERENTIATION_BY_HEMIN, ADDYA_ERYTHROID_DIFFERENTIATION_BY_HEMIN
                                                                       CHUANG_OXIDATIVE_STRESS_RESPONSE_UP, CHUANG_OXIDATIVE_STRESS_RESPONSE_UP
                                                                       HALMOS_CEBPA_TARGETS_UP, HALMOS_CEBPA_TARGETS_UP
                                                                       TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_ERYTHROCYTE_DN, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_ERYTHROCYTE_DN
                                                                       KUROZUMI_RESPONSE_TO_ONCOCYTIC_VIRUS_AND_CYCLIC_RGD, KUROZUMI_RESPONSE_TO_ONCOCYTIC_VIRUS_AND_CYCLIC_RGD
                                                                       DAVICIONI_RHABDOMYOSARCOMA_PAX_FOXO1_FUSION_UP, DAVICIONI_RHABDOMYOSARCOMA_PAX_FOXO1_FUSION_UP
                                                                       GALLUZZI_PERMEABILIZE_MITOCHONDRIA, GALLUZZI_PERMEABILIZE_MITOCHONDRIA
                                                                       SMIRNOV_RESPONSE_TO_IR_2HR_UP, SMIRNOV_RESPONSE_TO_IR_2HR_UP
                                                                       MARTINEZ_RESPONSE_TO_TRABECTEDIN_UP, MARTINEZ_RESPONSE_TO_TRABECTEDIN_UP
                                                                       WOOD_EBV_EBNA1_TARGETS_UP, WOOD_EBV_EBNA1_TARGETS_UP
                                                                       TIAN_TNF_SIGNALING_VIA_NFKB, TIAN_TNF_SIGNALING_VIA_NFKB
                                                                       THEILGAARD_NEUTROPHIL_AT_SKIN_WOUND_UP, THEILGAARD_NEUTROPHIL_AT_SKIN_WOUND_UP
                                                                       BOHN_PRIMARY_IMMUNODEFICIENCY_SYNDROM_DN, BOHN_PRIMARY_IMMUNODEFICIENCY_SYNDROM_DN
                                                                       FUJII_YBX1_TARGETS_UP, FUJII_YBX1_TARGETS_UP
                                                                       WANG_IMMORTALIZED_BY_HOXA9_AND_MEIS1_UP, WANG_IMMORTALIZED_BY_HOXA9_AND_MEIS1_UP
                                                                       CHIARADONNA_NEOPLASTIC_TRANSFORMATION_KRAS_CDC25_DN, CHIARADONNA_NEOPLASTIC_TRANSFORMATION_KRAS_CDC25_DN
                                                                       GHANDHI_DIRECT_IRRADIATION_UP, GHANDHI_DIRECT_IRRADIATION_UP
                                                                       LIEN_BREAST_CARCINOMA_METAPLASTIC_VS_DUCTAL_UP, LIEN_BREAST_CARCINOMA_METAPLASTIC_VS_DUCTAL_UP
                                                                       HINATA_NFKB_TARGETS_KERATINOCYTE_DN, HINATA_NFKB_TARGETS_KERATINOCYTE_DN
                                                                       KRIEG_HYPOXIA_VIA_KDM3A, KRIEG_HYPOXIA_VIA_KDM3A
                                                                       LIU_PROSTATE_CANCER_UP, LIU_PROSTATE_CANCER_UP
                                                                       MORI_IMMATURE_B_LYMPHOCYTE_UP, MORI_IMMATURE_B_LYMPHOCYTE_UP
                                                                       AMIT_SERUM_RESPONSE_40_MCF10A, AMIT_SERUM_RESPONSE_40_MCF10A
                                                                       NAGASHIMA_EGF_SIGNALING_UP, NAGASHIMA_EGF_SIGNALING_UP
                                                                      NAKAYAMA_SOFT_TISSUE_TUMORS_PCA2_DN, NAKAYAMA_SOFT_TISSUE_TUMORS_PCA2_DN
                                                                       ZHAN_V1_LATE_DIFFERENTIATION_GENES_UP, ZHAN_V1_LATE_DIFFERENTIATION_GENES_UP
                                                                       WESTON_VEGFA_TARGETS, WESTON_VEGFA_TARGETS
                                                                       JI_RESPONSE_TO_FSH_UP, JI_RESPONSE_TO_FSH_UP
                                                                       SHAFFER IRF4 TARGETS IN PLASMA CELL VS MATURE B LYMPHOCYTE, SHAFFER IRF4 TARGETS IN PLASMA CELL VS MATURE B LYMPHOCYTE
                                                                      BILBAN_B_CLL_LPL_DN, BILBAN_B_CLL_LPL_DN
                                                                      FRASOR_RESPONSE_TO_ESTRADIOL_DN, FRASOR_RESPONSE_TO_ESTRADIOL_DN
                                                                       HINATA_NFKB_TARGETS_FIBROBLAST_UP, HINATA_NFKB_TARGETS_FIBROBLAST_UP
                                                                       MAHAJAN_RESPONSE_TO_IL1A_UP, MAHAJAN_RESPONSE_TO_IL1A_UP
                                                                       MIKKELSEN_MCV6_LCP_WITH_H3K4ME3, MIKKELSEN_MCV6_LCP_WITH_H3K4ME3
                                                                       SHIN B CELL LYMPHOMA CLUSTER 6, SHIN B CELL LYMPHOMA CLUSTER 6
                                                                      LIU_CDX2_TARGETS_UP, LIU_CDX2_TARGETS_UP
                                                                      PARK_APL_PATHOGENESIS_DN, PARK_APL_PATHOGENESIS_DN
                                                                       AMBROSINI_FLAVOPIRIDOL_TREATMENT_TP53, AMBROSINI_FLAVOPIRIDOL_TREATMENT_TP53
                                                                       CHEN_LVAD_SUPPORT_OF_FAILING_HEART_DN, CHEN_LVAD_SUPPORT_OF_FAILING_HEART_DN
                                                                      DAZARD_UV_RESPONSE_CLUSTER_G28, DAZARD_UV_RESPONSE_CLUSTER_G28
                                                                       HUMMERICH_SKIN_CANCER_PROGRESSION_UP, HUMMERICH_SKIN_CANCER_PROGRESSION_UP
                                                                       MEBARKI_HCC_PROGENITOR_WNT_UP_CTNNB1_INDEPENDENT, MEBARKI_HCC_PROGENITOR_WNT_UP_CTNNB1_INDEPENDENT
                                                                      JAZAG_TGFB1_SIGNALING_VIA_SMAD4_UP, JAZAG_TGFB1_SIGNALING_VIA_SMAD4_UP
                                                                       GUTIERREZ_CHRONIC_LYMPHOCYTIC_LEUKEMIA_DN, GUTIERREZ_CHRONIC_LYMPHOCYTIC_LEUKEMIA_DN
                                                                      WEINMANN ADAPTATION TO HYPOXIA UP, WEINMANN ADAPTATION TO HYPOXIA UP
                                                                      LEE_INTRATHYMIC_T_PROGENITOR, LEE_INTRATHYMIC_T_PROGENITOR
                                                                       WORSCHECH_TUMOR_REJECTION_UP, WORSCHECH_TUMOR_REJECTION_UP
                                                                       BOSCO_INTERFERON_INDUCED_ANTIVIRAL_MODULE, BOSCO_INTERFERON_INDUCED_ANTIVIRAL_MODULE
                                                                      FERRANDO_T_ALL_WITH_MLL_ENL_FUSION_UP, FERRANDO_T_ALL_WITH_MLL_ENL_FUSION_UP
                                                                       RASHI_NFKB1_TARGETS, RASHI_NFKB1_TARGETS
                                                                       PLASARI_TGFB1_TARGETS_10HR_UP, PLASARI_TGFB1_TARGETS_10HR_UP
                                                                      PETROVA_PROX1_TARGETS_DN, PETROVA_PROX1_TARGETS_DN
                                                                       WONG_ENDMETRIUM_CANCER_UP, WONG_ENDMETRIUM_CANCER_UP
                                                                       ZHOU_TNF_SIGNALING_4HR, ZHOU_TNF_SIGNALING_4HR
                                                                       RADMACHER_AML_PROGNOSIS, RADMACHER_AML_PROGNOSIS
                                                                       WORSCHECH_TUMOR_EVASION_AND_TOLEROGENICITY_UP, WORSCHECH_TUMOR_EVASION_AND_TOLEROGENICITY_UP
                                                                       LUND_SILENCED_BY_METHYLATION, LUND_SILENCED_BY_METHYLATION
                                                                       JOSEPH_RESPONSE_TO_SODIUM_BUTYRATE_UP, JOSEPH_RESPONSE_TO_SODIUM_BUTYRATE_UP
                                                                       VALK_AML_WITH_CEBPA, VALK_AML_WITH_CEBPA
                                                                       KOBAYASHI EGFR SIGNALING 6HR DN, KOBAYASHI EGFR SIGNALING 6HR DN
                                                                       DASU_IL6_SIGNALING_SCAR_DN, DASU_IL6_SIGNALING_SCAR_DN
                                                                       ZHONG_SECRETOME_OF_LUNG_CANCER_AND_ENDOTHELIUM, ZHONG_SECRETOME_OF_LUNG_CANCER_AND_ENDOTHELIUM
                                                                       DAUER_STAT3_TARGETS_UP, DAUER_STAT3_TARGETS_UP
                                                                       NAKAMURA_ADIPOGENESIS_LATE_UP, NAKAMURA_ADIPOGENESIS_LATE_UP
                                                                       ZHU_CMV_ALL_DN, ZHU_CMV_ALL_DN
                                                                       GHANDHI_BYSTANDER_IRRADIATION_UP, GHANDHI_BYSTANDER_IRRADIATION_UP
                                                                      PARK TRETINOIN RESPONSE, PARK TRETINOIN RESPONSE
                                                                       BAELDE_DIABETIC_NEPHROPATHY_UP, BAELDE_DIABETIC_NEPHROPATHY_UP
                                                                       FERRANDO_TAL1_NEIGHBORS, FERRANDO_TAL1_NEIGHBORS
                                                                       GROSS_HYPOXIA_VIA_ELK3_DN, GROSS_HYPOXIA_VIA_ELK3_DN
                                                                       JEON_SMAD6_TARGETS_UP, JEON_SMAD6_TARGETS_UP
                                                                      WU_SILENCED_BY_METHYLATION_IN_BLADDER_CANCER, WU_SILENCED_BY_METHYLATION_IN_BLADDER_CANCER
                                                                      BERENJENO_TRANSFORMED_BY_RHOA_FOREVER_UP, BERENJENO_TRANSFORMED_BY_RHOA_FOREVER_UP
                                                                       TONKS TARGETS OF RUNX1 RUNX1T1 FUSION SUSTAINED IN GRANULOCYTE DN, TONKS TARGETS OF RUNX1 RUNX1T1 FUSION SUSTAINED IN GRANULOCYTE DN
                                                                      PRAMOONJAGO_SOX4_TARGETS_UP, PRAMOONJAGO_SOX4_TARGETS_UP
                                                                       ZHU_CMV_8_HR_DN, ZHU_CMV_8_HR_DN
                                                                      LEE_SP4_THYMOCYTE, LEE_SP4_THYMOCYTE
                                                                      TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_6HR_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_6HR_UP
                                                                       FAELT_B_CLL_WITH_VH_REARRANGEMENTS_UP, FAELT_B_CLL_WITH_VH_REARRANGEMENTS_UP
                                                                      RIZ ERYTHROID DIFFERENTIATION 6HR, RIZ ERYTHROID DIFFERENTIATION 6HR
                                                                      BLANCO_MELO_BRONCHIAL_EPITHELIAL_CELLS_INFLUENZA_A_INFECTION_UP, BLANCO_MELO_BRONCHIAL_EPITHELIAL_CELLS_INFLUENZA_A_INFECTION_UP
                                                                       BILD_SRC_ONCOGENIC_SIGNATURE, BILD_SRC_ONCOGENIC_SIGNATURE
                                                                      HUPER_BREAST_BASAL_VS_LUMINAL_UP, HUPER_BREAST_BASAL_VS_LUMINAL_UP
                                                                      BLANCO_MELO_COVID19_SARS_COV_2_INFECTION_A594_CELLS_UP, BLANCO_MELO_COVID19_SARS_COV_2_INFECTION_A594_CELLS_UP
                                                                       VERRECCHIA_DELAYED_RESPONSE_TO_TGFB1, VERRECCHIA_DELAYED_RESPONSE_TO_TGFB1
                                                                      HUMMEL_BURKITTS_LYMPHOMA_DN, HUMMEL_BURKITTS_LYMPHOMA_DN
                                                                       CROONQUIST_NRAS_SIGNALING_UP, CROONQUIST_NRAS_SIGNALING_UP
                                                                       JI_CARCINOGENESIS_BY_KRAS_AND_STK11_DN, JI_CARCINOGENESIS_BY_KRAS_AND_STK11_DN
                                                                       WUNDER_INFLAMMATORY_RESPONSE_AND_CHOLESTEROL_UP, WUNDER_INFLAMMATORY_RESPONSE_AND_CHOLESTEROL_UP
                                                                      FERRARI_RESPONSE_TO_FENRETINIDE_UP, FERRARI_RESPONSE_TO_FENRETINIDE_UP
                                                                       KOKKINAKIS_METHIONINE_DEPRIVATION_96HR_UP, KOKKINAKIS_METHIONINE_DEPRIVATION_96HR_UP
                                                                      GAVIN FOXP3 TARGETS CLUSTER P2, GAVIN FOXP3 TARGETS CLUSTER P2
                                                                       BROWNE_HCMV_INFECTION_16HR_DN, BROWNE_HCMV_INFECTION_16HR_DN
                                                                       HARRIS_HYPOXIA, HARRIS_HYPOXIA
                                                                      BOQUEST_STEM_CELL_CULTURED_VS_FRESH_DN, BOQUEST_STEM_CELL_CULTURED_VS_FRESH_DN
                                                                       ZHU_CMV_8_HR_UP, ZHU_CMV_8_HR_UP
                                                                       HOSHIDA_LIVER_CANCER_SURVIVAL_UP, HOSHIDA_LIVER_CANCER_SURVIVAL_UP
                                                                       BURTON_ADIPOGENESIS_1, BURTON_ADIPOGENESIS_1
                                                                      SPIRA SMOKERS LUNG CANCER UP, SPIRA SMOKERS LUNG CANCER UP
                                                                       JIANG_HYPOXIA_NORMAL, JIANG_HYPOXIA_NORMAL
                                                                       VANASSE BCL2 TARGETS UP, VANASSE BCL2 TARGETS UP
                                                                      KOKKINAKIS_METHIONINE_DEPRIVATION_48HR_UP, KOKKINAKIS_METHIONINE_DEPRIVATION_48HR_UP
                                                                      DIAZ_CHRONIC_MEYLOGENOUS_LEUKEMIA_DN, DIAZ_CHRONIC_MEYLOGENOUS_LEUKEMIA_DN
                                                                      CHIARETTI ACUTE LYMPHOBLASTIC LEUKEMIA ZAP70, CHIARETTI ACUTE LYMPHOBLASTIC LEUKEMIA ZAP70
                                                                       WANG_THOC1_TARGETS_DN, WANG_THOC1_TARGETS_DN
                                                                       DACOSTA_ERCC3_ALLELE_XPCS_VS_TTD_DN, DACOSTA_ERCC3_ALLELE_XPCS_VS_TTD_DN
                                                                       NUMATA_CSF3_SIGNALING_VIA_STAT3, NUMATA_CSF3_SIGNALING_VIA_STAT3
                                                                       FOSTER_TOLERANT_MACROPHAGE_UP, FOSTER_TOLERANT_MACROPHAGE_UP
                                                                       ZHENG_IL22_SIGNALING_UP, ZHENG_IL22_SIGNALING_UP
                                                                       MCDOWELL_ACUTE_LUNG_INJURY_UP, MCDOWELL_ACUTE_LUNG_INJURY_UP
                                                                       DELACROIX_RAR_TARGETS_UP, DELACROIX_RAR_TARGETS_UP
                                                                       ZHAN_MULTIPLE_MYELOMA_DN, ZHAN_MULTIPLE_MYELOMA_DN
                                                                       MEBARKI_HCC_PROGENITOR_WNT_DN_CTNNB1_INDEPENDENT, MEBARKI_HCC_PROGENITOR_WNT_DN_CTNNB1_INDEPENDENT
                                                                       WIELAND_UP_BY_HBV_INFECTION, WIELAND_UP_BY_HBV_INFECTION
                                                                       BECKER_TAMOXIFEN_RESISTANCE_UP, BECKER_TAMOXIFEN_RESISTANCE_UP
                                                                       TSAI_RESPONSE_TO_RADIATION_THERAPY, TSAI_RESPONSE_TO_RADIATION_THERAPY
                                                                       ALONSO_METASTASIS_EMT_UP, ALONSO_METASTASIS_EMT_UP
                                                                       AMIT_EGF_RESPONSE_60_MCF10A, AMIT_EGF_RESPONSE_60_MCF10A
                                                                      SAGIV_CD24_TARGETS_DN, SAGIV_CD24_TARGETS_DN
                                                                       MATZUK_CUMULUS_EXPANSION, MATZUK_CUMULUS_EXPANSION
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