	REACTOME_PEPTIDE_LIGAND_BINDING_RECTAKEDA_TARGETS_OF_NUP98_HOXA9_FUSIC	_PATIENT_LUNG_TISSUE_UP, BLANCO_MELO_COVID19_SARS_COV_2_POS_PATIENT_LUNG_TISSUE_UP CEPTORS, REACTOME_PEPTIDE_LIGAND_BINDING_RECEPTORS  ON_10D_DN, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_10D_DN  P, BROWN_MYELOID_CELL_DEVELOPMENT_UP
	HESS_TARGETS_OF_HOXA9_AND_MEIS1_DN, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION	THESS_TARGETS_OF_HOXA9_AND_MEIS1_DN  ON_ERYTHROCYTE_UP, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_ERYTHROCYTE_UP  ON_HSC_UP, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_HSC_UP  ON_HSC_UP, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_HSC_DN
	TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSIC ALTEMEIER_RESPONSE_TO_LPS_WITH_MECH RUIZ_TNC_TARGETS_UP, RUIZ_TNC_TARGET	ON_10D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_10D_UP HANICAL_VENTILATION, ALTEMEIER_RESPONSE_TO_LPS_WITH_MECHANICAL_VENTILATION CS_UP
	TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSIC VART_KSHV_INFECTION_ANGIOGENIC_MAR	_DN, LENAOUR_DENDRITIC_CELL_MATURATION_DN DN_3D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_3D_UP RKERS_UP, VART_KSHV_INFECTION_ANGIOGENIC_MARKERS_UP IESCENT_DN, GRAHAM_CML_DIVIDING_VS_NORMAL_QUIESCENT_DN
	The state of the s	HELIAL_CELLS_SARS_COV_2_INFECTION_UP, BLANCO_MELO_COVID19_BRONCHIAL_EPITHELIAL_CELLS_SARS_COV_2_INFECTION_UP ARGETS MD4_TARGETS
	NAKAJIMA_EOSINOPHIL, NAKAJIMA_EOSINO VALK_AML_CLUSTER_5, VALK_AML_CLUSTE TAVOR_CEBPA_TARGETS_UP, TAVOR_CEBPA BASSO_CD40_SIGNALING_UP, BASSO_CD40_SI	OPHIL ER_5 A_TARGETS_UP
	PETROVA_ENDOTHELIUM_LYMPHATIC_VS_E LIAN_LIPA_TARGETS_6M, LIAN_LIPA_TARGE PHONG_TNF_RESPONSE_VIA_P38_PARTIAL, F	BLOOD_DN, PETROVA_ENDOTHELIUM_LYMPHATIC_VS_BLOOD_DN ETS_6M
	GERY_CEBP_TARGETS, GERY_CEBP_TARGETS	S ON_16D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_16D_UP CEACTOME_INTERLEUKIN_10_SIGNALING
	TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSIC LIAN_LIPA_TARGETS_3M, LIAN_LIPA_TARGE KEGG_LYSOSOME, KEGG_LYSOSOME	ON_8D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_8D_UP
	CHIANG_LIVER_CANCER_SUBCLASS_CTNNB JISON_SICKLE_CELL_DISEASE_UP, JISON_SICK REACTOME_CHEMOKINE_RECEPTORS_BIND_	31_DN, CHIANG_LIVER_CANCER_SUBCLASS_CTNNB1_DN
	WP_VITAMIN_D_RECEPTOR_PATHWAY, WP_Y LIU_VAV3_PROSTATE_CARCINOGENESIS_UP, ALCALAY_AML_BY_NPM1_LOCALIZATION_U	VITAMIN_D_RECEPTOR_PATHWAY
		N_UP, MISSIAGLIA_REGULATED_BY_METHYLATION_UP RD_INJURY NG_SILENCED_BY_METHYLATION_2
	TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION APPEL_IMATINIB_RESPONSE, APPEL_IMATIN BOYLAN_MULTIPLE_MYELOMA_D_DN, BOYL	ON_GRANULOCYTE_DN, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_GRANULOCYTE_DN IIB_RESPONSE
	DELPUECH_FOXO3_TARGETS_UP, DELPUECH PHONG_TNF_TARGETS_UP, PHONG_TNF_TAI	I_FOXO3_TARGETS_UP
	VILIMAS_NOTCH1_TARGETS_UP, VILIMAS_UP, VILIMAS_NOTCH1_TARGETS_UP, VILIMAS_UP, VILIMAS_U	_SIGNALING UP, KIM_RESPONSE_TO_TSA_AND_DECITABINE_UP
	MCBRYAN_PUBERTAL_TGFB1_TARGETS_DN,	MCBRYAN_PUBERTAL_TGFB1_TARGETS_DN UIESCENT_DN, GRAHAM_CML_QUIESCENT_VS_NORMAL_QUIESCENT_DN CANCER_ACOX1_UP
	ONDER_CDH1_SIGNALING_VIA_CTNNB1, ON	AL_DIVIDING_UP, GRAHAM_NORMAL_QUIESCENT_VS_NORMAL_DIVIDING_UP
	HAHTOLA_MYCOSIS_FUNGOIDES_CD4_UP, H	E_GROWTH_FACTOR_IGF_TRANSPORT_AND_UPTAKE_BY_INSULIN_LIKE_GROWTH_FACTOR_BINDING_PROTEINS_IGFBPS, REACTOME_REGULATION_OF_INSULIN_LIKE_GROWTH_FACTOR_IGF_TRANSPORT_AND_UPTAKE_BY_INSULIN_LIKE_GROWTH_FACTOR_IGF_TRANSPORT_AND_UPTAKE_BY_INSULIN_LIKE_GROWTH_FACTOR_INSULIN_LIKE_GROWT
	REACTOME_ERCC6_CSB_AND_EHMT2_G9A_P KATSANOU_ELAVL1_TARGETS_UP, KATSANO	N_A, LINDSTEDT_DENDRITIC_CELL_MATURATION_A POSITIVELY_REGULATE_RRNA_EXPRESSION, REACTOME_ERCC6_CSB_AND_EHMT2_G9A_POSITIVELY_REGULATE_RRNA_EXPRESSION OU_ELAVL1_TARGETS_UP S_RRNA_EXPRESSION, REACTOME_SIRT1_NEGATIVELY_REGULATES_RRNA_EXPRESSION
	ROSS_AML_WITH_MLL_FUSIONS, ROSS_AML_	N_B, LINDSTEDT_DENDRITIC_CELL_MATURATION_B
	VANHARANTA_UTERINE_FIBROID_DN, VANDER FRIDMAN_SENESCENCE_UP, FRIDMAN_SENESCENCE_UP, FRIDMAN_SENESCENCE_TO_DARAPLADIB, WILLENSKY_RESPONSE_TO_DARAPLADIB, WILLENSKY_TO_DARAPLADIB, WILLENSKY_TO_TO_TO_TO_TO_TO_TO_TO_TO_TO_TO_TO_TO_	ESCENCE_UP LENSKY_RESPONSE_TO_DARAPLADIB
		ROTIC_PLAQUE_UP, PAPASPYRIDONOS_UNSTABLE_ATEROSCLEROTIC_PLAQUE_UP UP, ICHIBA_GRAFT_VERSUS_HOST_DISEASE_D7_UP
	ONDER_CDH1_TARGETS_3_DN, ONDER_CDH LU_TUMOR_ANGIOGENESIS_UP, LU_TUMOR_	EUS, KUROZUMI_RESPONSE_TO_ONCOCYTIC_VIRUS I1_TARGETS_3_DN _ANGIOGENESIS_UP
	LEE_LIVER_CANCER_DENA_UP, LEE_LIVER_C CROONQUIST_STROMAL_STIMULATION_UP, PID_CERAMIDE_PATHWAY, PID_CERAMIDE_I WEINMANN_ADAPTATION_TO_HYPOXIA_DI	CROONQUIST_STROMAL_STIMULATION_UP
	JINESH_BLEBBISHIELD_TRANSFORMED_STEM	IVIDING_UP, GRAHAM_CML_QUIESCENT_VS_NORMAL_DIVIDING_UP //_CELL_SPHERES_UP, JINESH_BLEBBISHIELD_TRANSFORMED_STEM_CELL_SPHERES_UP _UP, WANG_ESOPHAGUS_CANCER_VS_NORMAL_UP KELSEN_MEF_LCP_WITH_H3K4ME3
	REACTOME_RESPONSE_TO_ELEVATED_PLAT GEISS_RESPONSE_TO_DSRNA_UP, GEISS_RESPONSE_TO_WITH_H3K4ME3_AND_F RASHI_RESPONSE_TO_IONIZING_RADIATION	TELET_CYTOSOLIC_CA2, REACTOME_RESPONSE_TO_ELEVATED_PLATELET_CYTOSOLIC_CA2 PONSE_TO_DSRNA_UP H327ME3, MIKKELSEN_IPS_ICP_WITH_H3K4ME3_AND_H327ME3 N_2, RASHI_RESPONSE_TO_IONIZING_RADIATION_2
	BRUECKNER_TARGETS_OF_MIRLET7A3_DN, E BURTON_ADIPOGENESIS_PEAK_AT_2HR, BUR CROMER_TUMORIGENESIS_UP, CROMER_TUM REACTOME_RUNX1_REGULATES_GENES_INV	BRUECKNER_TARGETS_OF_MIRLET7A3_DN RTON_ADIPOGENESIS_PEAK_AT_2HR MORIGENESIS_UP /OLVED_IN_MEGAKARYOCYTE_DIFFERENTIATION_AND_PLATELET_FUNCTION, REACTOME_RUNX1_REGULATES_GENES_INVOLVED_IN_MEGAKARYOCYTE_DIFFERENTIATION_AND_PLATELET_FUNCTION
	MARKEY_RB1_CHRONIC_LOF_DN, MARKEY_I WP_LUNG_FIBROSIS, WP_LUNG_FIBROSIS CHIARADONNA_NEOPLASTIC_TRANSFORMA DACOSTA_ERCC3_ALLELE_XPCS_VS_TTD_UP	RB1_CHRONIC_LOF_DN  ATION_CDC25_UP, CHIARADONNA_NEOPLASTIC_TRANSFORMATION_CDC25_UP  D, DACOSTA_ERCC3_ALLELE_XPCS_VS_TTD_UP
	MCBRYAN_PUBERTAL_TGFB1_TARGETS_UP, I ADDYA_ERYTHROID_DIFFERENTIATION_BY_ VALK_AML_WITH_CEBPA, VALK_AML_WITH HUANG_FOXA2_TARGETS_DN, HUANG_FOXA	HEMIN, ADDYA_ERYTHROID_DIFFERENTIATION_BY_HEMIN I_CEBPA
	HINATA_NFKB_TARGETS_KERATINOCYTE_U REACTOME_INTERLEUKIN_4_AND_INTERLEU ROSS_LEUKEMIA_WITH_MLL_FUSIONS, ROSS_ KIM_GLIS2_TARGETS_UP, KIM_GLIS2_TARGET	IP, HINATA_NFKB_TARGETS_KERATINOCYTE_UP UKIN_13_SIGNALING, REACTOME_INTERLEUKIN_4_AND_INTERLEUKIN_13_SIGNALING S_LEUKEMIA_WITH_MLL_FUSIONS TS_UP
	AMIT_SERUM_RESPONSE_60_MCF10A, AMIT_9 KERLEY_RESPONSE_TO_CISPLATIN_UP, KERL IZADPANAH_STEM_CELL_ADIPOSE_VS_BONI BLANCO_MELO_COVID19_SARS_COV_2_LOW	SERUM_RESPONSE_60_MCF10A LEY_RESPONSE_TO_CISPLATIN_UP E_UP, IZADPANAH_STEM_CELL_ADIPOSE_VS_BONE_UP V_MOI_INFECTION_A594_ACE2_EXPRESSING_CELLS_UP, BLANCO_MELO_COVID19_SARS_COV_2_LOW_MOI_INFECTION_A594_ACE2_EXPRESSING_CELLS_UP
	KAN_RESPONSE_TO_ARSENIC_TRIOXIDE, KAR CORRE_MULTIPLE_MYELOMA_UP, CORRE_M WESTON_VEGFA_TARGETS_6HR, WESTON_VI PARK_TRETINOIN_RESPONSE_AND_PML_RAI	N_RESPONSE_TO_ARSENIC_TRIOXIDE IULTIPLE_MYELOMA_UP EGFA_TARGETS_6HR RA_FUSION, PARK_TRETINOIN_RESPONSE_AND_PML_RARA_FUSION
	REACTOME_DEGRADATION_OF_THE_EXTRA JIANG_HYPOXIA_NORMAL, JIANG_HYPOXIA_ LIEN_BREAST_CARCINOMA_METAPLASTIC_V BIOCARTA_KERATINOCYTE_PATHWAY, BIOC	CELLULAR_MATRIX, REACTOME_DEGRADATION_OF_THE_EXTRACELLULAR_MATRIX _NORMAL VS_DUCTAL_UP, LIEN_BREAST_CARCINOMA_METAPLASTIC_VS_DUCTAL_UP CARTA_KERATINOCYTE_PATHWAY
	DAVIES_MULTIPLE_MYELOMA_VS_MGUS_DNURS_ADIPOCYTE_DIFFERENTIATION_UP, URS_AMIT_EGF_RESPONSE_120_HELA, AMIT_EGF_AMIT_SERUM_RESPONSE_40_MCF10A, AMIT_S	N, DAVIES_MULTIPLE_MYELOMA_VS_MGUS_DN S_ADIPOCYTE_DIFFERENTIATION_UP _RESPONSE_120_HELA SERUM_RESPONSE_40_MCF10A
	The state of the s	
	TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSIC ZHU_CMV_8_HR_DN, ZHU_CMV_8_HR_DN	P, CHUANG_OXIDATIVE_STRESS_RESPONSE_UP ON_6HR_DN, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_6HR_DN  CEMIA_DN, GUTIERREZ_CHRONIC_LYMPHOCYTIC_LEUKEMIA_DN
	TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION FRASOR_RESPONSE_TO_ESTRADIOL_DN, FRANCE REACTOME_DNA_METHYLATION, REACTOME ZHU_CMV_ALL_DN, ZHU_CMV_ALL_DN	
	BOYAULT_LIVER_CANCER_SUBCLASS_G2, BO BROWNE_INTERFERON_RESPONSIVE_GENES, KEGG_GRAFT_VERSUS_HOST_DISEASE, KEGG PID_PTP1B_PATHWAY, PID_PTP1B_PATHWAY	BROWNE_INTERFERON_RESPONSIVE_GENES G_GRAFT_VERSUS_HOST_DISEASE
	WP_TNF_ALPHA_SIGNALING_PATHWAY, WF	AY, WP_GLUCOCORTICOID_RECEPTOR_PATHWAY
	TIAN_TNF_SIGNALING_VIA_NFKB, TIAN_TNF HALMOS_CEBPA_TARGETS_UP, HALMOS_CE PID_INTEGRIN1_PATHWAY, PID_INTEGRIN1_ REACTOME_TOLL_LIKE_RECEPTOR_CASCAD	BPA_TARGETS_UP
	GHANDHI_DIRECT_IRRADIATION_UP, GHAN HINATA_NFKB_TARGETS_FIBROBLAST_UP, H TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSIO	NDHI_DIRECT_IRRADIATION_UP
	KEGG_ARACHIDONIC_ACID_METABOLISM, K WP_APOPTOSIS_MODULATION_AND_SIGNAL	E_DN, STEARMAN_LUNG_CANCER_EARLY_VS_LATE_DN KEGG_ARACHIDONIC_ACID_METABOLISM LING, WP_APOPTOSIS_MODULATION_AND_SIGNALING IEIS1_UP, WANG_IMMORTALIZED_BY_HOXA9_AND_MEIS1_UP
	REACTOME_ACTIVATED_PKN1_STIMULATES KRIEG_HYPOXIA_VIA_KDM3A, KRIEG_HYPOX	ATION_KRAS_CDC25_DN, CHIARADONNA_NEOPLASTIC_TRANSFORMATION_KRAS_CDC25_DN 6_TRANSCRIPTION_OF_AR_ANDROGEN_RECEPTOR_REGULATED_GENES_KLK2_AND_KLK3, REACTOME_ACTIVATED_PKN1_STIMULATES_TRANSCRIPTION_OF_AR_ANDROGEN_RECEPTOR_REGULATED_GENES_KLK2_AND_KLK3 XIA_VIA_KDM3A SPONSE, WP_CYTOKINES_AND_INFLAMMATORY_RESPONSE
	NAKAYAMA_SOFT_TISSUE_TUMORS_PCA2_D KOKKINAKIS_METHIONINE_DEPRIVATION_4 BLANCO_MELO_BRONCHIAL_EPITHELIAL_C	ON, NAKAYAMA_SOFT_TISSUE_TUMORS_PCA2_DN 48HR_UP, KOKKINAKIS_METHIONINE_DEPRIVATION_48HR_UP TELLS_INFLUENZA_A_INFECTION_UP, BLANCO_MELO_BRONCHIAL_EPITHELIAL_CELLS_INFLUENZA_A_INFECTION_UP ON, HINATA_NFKB_TARGETS_KERATINOCYTE_DN
	YAN_ESCAPE_FROM_ANOIKIS, YAN_ESCAPE_ RADMACHER_AML_PROGNOSIS, RADMACHE YAGI_AML_WITH_T_9_11_TRANSLOCATION, PETROVA_PROX1_TARGETS_DN, PETROVA_PI	ER_AML_PROGNOSIS YAGI_AML_WITH_T_9_11_TRANSLOCATION
NPM1_MUTATED_UP, VERHAAK_AML_WITH_NPM1_MUTATED_UP		YPE_I_DIABETES_MELLITUS
	FERRANDO_TAL1_NEIGHBORS, FERRANDO_T BILBAN_B_CLL_LPL_DN, BILBAN_B_CLL_LPL_ CHEN_LVAD_SUPPORT_OF_FAILING_HEART_ JEON_SMAD6_TARGETS_UP, JEON_SMAD6_TA	_DN _DN, CHEN_LVAD_SUPPORT_OF_FAILING_HEART_DN
	BIOCARTA_CYTOKINE_PATHWAY, BIOCARTA KEGG_LEISHMANIA_INFECTION, KEGG_LEISI VALK_AML_CLUSTER_15, VALK_AML_CLUST	HMANIA_INFECTION TER_15
	FERRARI_RESPONSE_TO_FENRETINIDE_UP, F	_ALS, KEGG_AMYOTROPHIC_LATERAL_SCLEROSIS_ALS
	SHIN_B_CELL_LYMPHOMA_CLUSTER_6, SHIN	DROM_DN, BOHN_PRIMARY_IMMUNODEFICIENCY_SYNDROM_DN
	PID_IL12_2PATHWAY, PID_IL12_2PATHWAY PID_FOXO_PATHWAY, PID_FOXO_PATHWAY NAGASHIMA_EGF_SIGNALING_UP, NAGASH BIOCARTA_SPPA_PATHWAY, BIOCARTA_SPPA	IIMA_EGF_SIGNALING_UP
	KEGG_PEROXISOME, KEGG_PEROXISOME WEINMANN_ADAPTATION_TO_HYPOXIA_UI MIKKELSEN_MCV6_LCP_WITH_H3K4ME3, MII LEE_INTRATHYMIC_T_PROGENITOR, LEE_INT	
	SHAFFER_IRF4_TARGETS_IN_PLASMA_CELL_SA_MMP_CYTOKINE_CONNECTION, SA_MMFHUMMEL_BURKITTS_LYMPHOMA_DN, HUMMCHEN_ETV5_TARGETS_SERTOLI, CHEN_ETV5_	MEL_BURKITTS_LYMPHOMA_DN
	REACTOME_CASPASE_ACTIVATION_VIA_EXT MCDOWELL_ACUTE_LUNG_INJURY_UP, MCD RASHI_NFKB1_TARGETS, RASHI_NFKB1_TARGETS, DELACROIX_RAR_TARGETS_UP, DELACROIX_	GETS
	MORI_IMMATURE_B_LYMPHOCYTE_UP, MOR WONG_ENDMETRIUM_CANCER_UP, WONG_I MAHAJAN_RESPONSE_TO_IL1A_UP, MAHAJA WORSCHECH_TUMOR_REJECTION_UP, WORS	ENDMETRIUM_CANCER_UP AN_RESPONSE_TO_IL1A_UP
		CER B1, VERRECCHIA_DELAYED_RESPONSE_TO_TGFB1 ETASTASIS_UP, CLASPER_LYMPHATIC_VESSELS_DURING_METASTASIS_UP
	KOKKINAKIS_METHIONINE_DEPRIVATION_9	RI_TGFB1_TARGETS_10HR_UP ON, RAY_TARGETS_OF_P210_BCR_ABL_FUSION_DN 96HR_UP, KOKKINAKIS_METHIONINE_DEPRIVATION_96HR_UP O_CHOLESTEROL_UP, WUNDER_INFLAMMATORY_RESPONSE_AND_CHOLESTEROL_UP
	GHANDHI_BYSTANDER_IRRADIATION_UP, GLUND_SILENCED_BY_METHYLATION, LUND_	
	KOBAYASHI_EGFR_SIGNALING_6HR_DN, KOD DASU_IL6_SIGNALING_SCAR_DN, DASU_IL6_ WP_PLATELETMEDIATED_INTERACTIONS_W FOSTER_TOLERANT_MACROPHAGE_UP, FOST	BAYASHI_EGFR_SIGNALING_6HR_DN _SIGNALING_SCAR_DN /ITH_VASCULAR_AND_CIRCULATING_CELLS, WP_PLATELETMEDIATED_INTERACTIONS_WITH_VASCULAR_AND_CIRCULATING_CELLS TER_TOLERANT_MACROPHAGE_UP
	REACTOME_RHO_GTPASES_ACTIVATE_PKNS REACTOME_COLLAGEN_DEGRADATION, REA WP_DEVELOPMENT_AND_HETEROGENEITY_ GROSS_HYPOXIA_VIA_ELK3_DN, GROSS_HYP	S, REACTOME_RHO_GTPASES_ACTIVATE_PKNS ACTOME_COLLAGEN_DEGRADATION OF_THE_ILC_FAMILY, WP_DEVELOPMENT_AND_HETEROGENEITY_OF_THE_ILC_FAMILY POXIA_VIA_ELK3_DN
	KANNAN_TP53_TARGETS_UP, KANNAN_TP53 PARK_TRETINOIN_RESPONSE, PARK_TRETINO CROONQUIST_NRAS_SIGNALING_UP, CROON	3_TARGETS_UP OIN_RESPONSE
	BIOCARTA_LAIR_PATHWAY, BIOCARTA_LAII WP_CELLS_AND_MOLECULES_INVOLVED_IN TSAI_RESPONSE_TO_RADIATION_THERAPY, T	R_PATHWAY N_LOCAL_ACUTE_INFLAMMATORY_RESPONSE, WP_CELLS_AND_MOLECULES_INVOLVED_IN_LOCAL_ACUTE_INFLAMMATORY_RESPONSE
	BAELDE_DIABETIC_NEPHROPATHY_UP, BAEI REACTOME_FOXO_MEDIATED_TRANSCRIPTION REACTOME_REGULATION_OF_TLR_BY_ENDO FUJII_YBX1_TARGETS_UP, FUJII_YBX1_TARGET	LDE_DIABETIC_NEPHROPATHY_UP ION, REACTOME_FOXO_MEDIATED_TRANSCRIPTION DGENOUS_LIGAND, REACTOME_REGULATION_OF_TLR_BY_ENDOGENOUS_LIGAND TS_UP
	TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION BLANCO_MELO_COVID19_SARS_COV_2_INFEWP_EICOSANOID_SYNTHESIS, WP_EICOSANOID_SYNTHESIS, WP_EICOSANOID_SECRETOME_OF_LUNG_CANCER_AND CONTRACT CONTRACT CONTRACTOR CON	ON_SUSTAINED_IN_GRANULOCYTE_DN, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_SUSTAINED_IN_GRANULOCYTE_DN CCTION_A594_CELLS_UP, BLANCO_MELO_COVID19_SARS_COV_2_INFECTION_A594_CELLS_UP DID_SYNTHESIS ND_ENDOTHELIUM, ZHONG_SECRETOME_OF_LUNG_CANCER_AND_ENDOTHELIUM
	LEE_SP4_THYMOCYTE, LEE_SP4_THYMOCYTE WP_FIBRIN_COMPLEMENT_RECEPTOR_3_SIGN SMIRNOV_RESPONSE_TO_IR_2HR_UP, SMIRNO GAVIN_FOXP3_TARGETS_CLUSTER_P2, GAVIN	E NALING_PATHWAY, WP_FIBRIN_COMPLEMENT_RECEPTOR_3_SIGNALING_PATHWAY OV_RESPONSE_TO_IR_2HR_UP N_FOXP3_TARGETS_CLUSTER_P2
	WANG_ESOPHAGUS_CANCER_VS_NORMAL_ ZHAN_V1_LATE_DIFFERENTIATION_GENES_U REACTOME_SYNDECAN_INTERACTIONS, REACTOUS_ALL_VS_AML_DN, GOLUB_ALL_VS_A	DN, WANG_ESOPHAGUS_CANCER_VS_NORMAL_DN UP, ZHAN_V1_LATE_DIFFERENTIATION_GENES_UP ACTOME_SYNDECAN_INTERACTIONS AML_DN
	RIZ_ERYTHROID_DIFFERENTIATION_6HR, RIZ PID_TXA2PATHWAY, PID_TXA2PATHWAY WESTON_VEGFA_TARGETS, WESTON_VEGFA_ REACTOME_SUMOYLATION_OF_IMMUNE_RE	Z_ERYTHROID_DIFFERENTIATION_6HR TARGETS ESPONSE_PROTEINS, REACTOME_SUMOYLATION_OF_IMMUNE_RESPONSE_PROTEINS
	JI_CARCINOGENESIS_BY_KRAS_AND_STK11_I ZHAN_MULTIPLE_MYELOMA_DN, ZHAN_MU KEGG_ADIPOCYTOKINE_SIGNALING_PATHW REACTOME_SYNTHESIS_OF_LEUKOTRIENES_	DN, JI_CARCINOGENESIS_BY_KRAS_AND_STK11_DN JLTIPLE_MYELOMA_DN VAY, KEGG_ADIPOCYTOKINE_SIGNALING_PATHWAY _LT_AND_EOXINS_EX, REACTOME_SYNTHESIS_OF_LEUKOTRIENES_LT_AND_EOXINS_EX
	WP_NUCLEOTIDEBINDING_OLIGOMERIZATION WP_PHOTODYNAMIC_THERAPYINDUCED_N BIOCARTA_FMLP_PATHWAY, BIOCARTA_FML ZHENG_IL22_SIGNALING_UP, ZHENG_IL22_SI	ON_DOMAIN_NOD_PATHWAY, WP_NUCLEOTIDEBINDING_OLIGOMERIZATION_DOMAIN_NOD_PATHWAY IFKB_SURVIVAL_SIGNALING, WP_PHOTODYNAMIC_THERAPYINDUCED_NFKB_SURVIVAL_SIGNALING LP_PATHWAY IGNALING_UP
	BOQUEST_STEM_CELL_CULTURED_VS_FRESH REACTOME_ARACHIDONIC_ACID_METABOL WP_RESISTIN_AS_A_REGULATOR_OF_INFLAM HOSHIDA_LIVER_CANCER_SURVIVAL_UP, HO	H_DN, BOQUEST_STEM_CELL_CULTURED_VS_FRESH_DN LISM, REACTOME_ARACHIDONIC_ACID_METABOLISM MMATION, WP_RESISTIN_AS_A_REGULATOR_OF_INFLAMMATION OSHIDA_LIVER_CANCER_SURVIVAL_UP
	ROSS_AML_OF_FAB_M7_TYPE, ROSS_AML_OF WP_NONGENOMIC_ACTIONS_OF_125_DIHYD	IC_SIGNALING, REACTOME_TNFR1_INDUCED_PROAPOPTOTIC_SIGNALING F_FAB_M7_TYPE DROXYVITAMIN_D3, WP_NONGENOMIC_ACTIONS_OF_125_DIHYDROXYVITAMIN_D3
	CHIARETTI_ACUTE_LYMPHOBLASTIC_LEUKE ELVIDGE_HYPOXIA_BY_DMOG_UP, ELVIDGE_ PID_IL8_CXCR1_PATHWAY, PID_IL8_CXCR1_P PID_INTEGRIN3_PATHWAY, PID_INTEGRIN3_ WP_TYPE_II_DIABETES_MELLITUS, WP_TYPE_	PATHWAY PATHWAY
	WP_TRYPTOPHAN_METABOLISM, WP_TRYPTOPHAN_METABOLISM, WP_TRYPTOPHAN_LEONARD_HYPOXIA  DACOSTA_ERCC3_ALLELE_XPCS_VS_TTD_DN	
		NB1_INDEPENDENT, MEBARKI_HCC_PROGENITOR_WNT_UP_CTNNB1_INDEPENDENT CER_TAMOXIFEN_RESISTANCE_UP RC_ONCOGENIC_SIGNATURE
	YAGUE_PRETUMOR_DRUG_RESISTANCE_DN, NUMATA_CSF3_SIGNALING_VIA_STAT3, NUM WP_AMYOTROPHIC_LATERAL_SCLEROSIS_AL LIU_CDX2_TARGETS_UP, LIU_CDX2_TARGETS	, YAGUE_PRETUMOR_DRUG_RESISTANCE_DN MATA_CSF3_SIGNALING_VIA_STAT3 LS, WP_AMYOTROPHIC_LATERAL_SCLEROSIS_ALS S_UP
	WP_ARYL_HYDROCARBON_RECEPTOR_NETF HUPER_BREAST_BASAL_VS_LUMINAL_UP, HU IWANAGA_CARCINOGENESIS_BY_KRAS_UP,	PATH, WP_ARYL_HYDROCARBON_RECEPTOR_NETPATH UPER_BREAST_BASAL_VS_LUMINAL_UP
	LINDVALL_IMMORTALIZED_BY_TERT_DN, LI KEGG_CHEMOKINE_SIGNALING_PATHWAY, WP_TYPE_II_INTERFERON_SIGNALING_IFNG, PARK_TRETINOIN_RESPONSE_AND_RARA_PI	INDVALL_IMMORTALIZED_BY_TERT_DN KEGG_CHEMOKINE_SIGNALING_PATHWAY , WP_TYPE_II_INTERFERON_SIGNALING_IFNG LZF_FUSION, PARK_TRETINOIN_RESPONSE_AND_RARA_PLZF_FUSION
	JI_METASTASIS_REPRESSED_BY_STK11, JI_MET NOJIMA_SFRP2_TARGETS_UP, NOJIMA_SFRP2 MEBARKI_HCC_PROGENITOR_WNT_DN_CTN SANA_RESPONSE_TO_IFNG_UP, SANA_RESPO	TASTASIS_REPRESSED_BY_STK11 2_TARGETS_UP INB1_INDEPENDENT, MEBARKI_HCC_PROGENITOR_WNT_DN_CTNNB1_INDEPENDENT DNSE_TO_IFNG_UP
	SHIN_B_CELL_LYMPHOMA_CLUSTER_3, SHIN KEGG_DILATED_CARDIOMYOPATHY, KEGG_WP_NRF2_PATHWAY, WP_NRF2_PATHWAY VANLOO_SP3_TARGETS_DN, VANLOO_SP3_T.	N_B_CELL_LYMPHOMA_CLUSTER_3 DILATED_CARDIOMYOPATHY  CARGETS_DN
	OKUMURA_INFLAMMATORY_RESPONSE_LPS NELSON_RESPONSE_TO_ANDROGEN_UP, NE JI_RESPONSE_TO_FSH_UP, JI_RESPONSE_TO_F NIKOLSKY_BREAST_CANCER_7P15_AMPLICO	S, OKUMURA_INFLAMMATORY_RESPONSE_LPS SLSON_RESPONSE_TO_ANDROGEN_UP FSH_UP ON, NIKOLSKY_BREAST_CANCER_7P15_AMPLICON
	KEGG_BLADDER_CANCER, KEGG_BLADDER_ HOEBEKE_LYMPHOID_STEM_CELL_UP, HOEB PID_ALPHA_SYNUCLEIN_PATHWAY, PID_AL REACTOME_POST_TRANSLATIONAL_MODIFI	CANCER BEKE_LYMPHOID_STEM_CELL_UP
	ZHU_CMV_8_HR_UP, ZHU_CMV_8_HR_UP TURASHVILI_BREAST_LOBULAR_CARCINOM. AMIT_EGF_RESPONSE_60_MCF10A, AMIT_EGF MANN_RESPONSE_TO_AMIFOSTINE_UP, MAN	IA_VS_LOBULAR_NORMAL_DN, TURASHVILI_BREAST_LOBULAR_CARCINOMA_VS_LOBULAR_NORMAL_DN F_RESPONSE_60_MCF10A NN_RESPONSE_TO_AMIFOSTINE_UP
	REACTOME_REGULATED_NECROSIS, REACTO BROWNE_HCMV_INFECTION_2HR_UP, BROW REACTOME_CD163_MEDIATING_AN_ANTI_IN WP_MACROPHAGE_MARKERS, WP_MACROP	OME_REGULATED_NECROSIS /NE_HCMV_INFECTION_2HR_UP NFLAMMATORY_RESPONSE, REACTOME_CD163_MEDIATING_AN_ANTI_INFLAMMATORY_RESPONSE PHAGE_MARKERS
	BIOCARTA_STRESS_PATHWAY, BIOCARTA_ST NAKAMURA_ADIPOGENESIS_LATE_UP, NAK FURUKAWA_DUSP6_TARGETS_PCI35_UP, FUR ELVIDGE_HYPOXIA_UP, ELVIDGE_HYPOXIA_I	TRESS_PATHWAY  AMURA_ADIPOGENESIS_LATE_UP  RUKAWA_DUSP6_TARGETS_PCI35_UP  LUP
	DAUER_STAT3_TARGETS_UP, DAUER_STAT3_ MURATA_VIRULENCE_OF_H_PILORI, MURAT WP_DNA_DAMAGE_RESPONSE_ONLY_ATM_I GRADE_COLON_AND_RECTAL_CANCER_DN,	TARGETS_UP TA_VIRULENCE_OF_H_PILORI DEPENDENT, WP_DNA_DAMAGE_RESPONSE_ONLY_ATM_DEPENDENT TOURD COLON_AND_RECTAL_CANCER_DN
	SCHAEFFER_PROSTATE_DEVELOPMENT_6HR WANG_TNF_TARGETS, WANG_TNF_TARGETS NAKAMURA_ADIPOGENESIS_EARLY_DN, NA GRAHAM_CML_QUIESCENT_VS_CML_DIVIDI	R_UP, SCHAEFFER_PROSTATE_DEVELOPMENT_6HR_UP S
	MOOTHA_ROS, MOOTHA_ROS LU_IL4_SIGNALING, LU_IL4_SIGNALING WENG_POR_DOSAGE, WENG_POR_DOSAGE WP_COVID19_ADVERSE_OUTCOME_PATHWA	AY, WP_COVID19_ADVERSE_OUTCOME_PATHWAY
	REACTOME_TOLL_LIKE_RECEPTOR_9_TLR9_C MARTIN_INTERACT_WITH_HDAC, MARTIN_I SAGIV_CD24_TARGETS_DN, SAGIV_CD24_TAR FINETTI_BREAST_CANCER_KINOME_GREEN,	CASCADE, REACTOME_TOLL_LIKE_RECEPTOR_9_TLR9_CASCADE INTERACT_WITH_HDAC RGETS_DN FINETTI_BREAST_CANCER_KINOME_GREEN
	BIOCARTA_CDMAC_PATHWAY, BIOCARTA_C WP_VITAMIN_D_IN_INFLAMMATORY_DISEA BURTON_ADIPOGENESIS_1, BURTON_ADIPOGENESIS_1, BURTON_ADIPOGENESIS_1	CDMAC_PATHWAY ISES, WP_VITAMIN_D_IN_INFLAMMATORY_DISEASES GENESIS_1 NOGEN_TO_ANGIOTENSINS, REACTOME_METABOLISM_OF_ANGIOTENSINOGEN_TO_ANGIOTENSINS
	REACTOME_IRAK4_DEFICIENCY_TLR2_4, REAZHANG_RESPONSE_TO_CANTHARIDIN_UP, ZREACTOME_APOPTOTIC_EXECUTION_PHASE LIU_TARGETS_OF_VMYB_VS_CMYB_DN, LIU_TARGETS_OF_VMYB_VS_CMYB_DN, LIU_TARGETS_OF_VMYB_VS_CMYB_DN, LIU_TARGETS_OF_VMYB_VS_CMYB_DN, LIU_TARGETS_OF_VMYB_VS_CMYB_DN, LIU_TARGETS_OF_VMYB_VS_CMYB_DN, LIU_TARGETS_OF_VMYB_VS_CMYB_DN, LIU_TARGETS_OF_VMYB_VS_CMYB_DN, LIU_TARGETS_OF_VMYB_VS_CMYB_DN, LIU_TARGETS_OF_VMYB_VS_CMYB	ACTOME_IRAK4_DEFICIENCY_TLR2_4 ZHANG_RESPONSE_TO_CANTHARIDIN_UP E, REACTOME_APOPTOTIC_EXECUTION_PHASE TARGETS_OF_VMYB_VS_CMYB_DN
	BERENJENO_TRANSFORMED_BY_RHOA_FORI WU_SILENCED_BY_METHYLATION_IN_BLAD BIOCARTA_IL5_PATHWAY, BIOCARTA_IL5_PA PID_AMB2_NEUTROPHILS_PATHWAY, PID_AI	EVER_UP, BERENJENO_TRANSFORMED_BY_RHOA_FOREVER_UP  DER_CANCER, WU_SILENCED_BY_METHYLATION_IN_BLADDER_CANCER  ATHWAY  MB2_NEUTROPHILS_PATHWAY
	BIOCARTA_TID_PATHWAY, BIOCARTA_TID_F PID_P38_ALPHA_BETA_PATHWAY, PID_P38_A	PATHWAY

SMIRNOV\_CIRCULATING\_ENDOTHELIOCYTES\_IN\_CANCER\_UP, SMIRNOV\_CIRCULATING\_ENDOTHELIOCYTES\_IN\_CANCER\_UP