	GSE46606_UNSTIM_VS_CD40L_IL2_IL5_DAY3_STIMULATE GSE37301_LYMPHOID_PRIMED_MPP_VS_RAG2_KO_NK_C REACTOME_RRNA_MODIFICATION_IN_THE_NUCLEUS_A GSE32533_WT_VS_MIR17_OVEREXPRESS_ACT_CD4_TCELL GSE17974_0H_VS_1H_IN_VITRO_ACT_CD4_TCELL_DN, GS	TES_UP, GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_UP
	GSE32255_WT_UNSTIM_VS_JMJD2D_KNOCKDOWN_4H_LI HALLMARK_IL2_STAT5_SIGNALING, HALLMARK_IL2_ST GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_1H_CD4_TG GSE10325_CD4_TCELL_VS_MYELOID_UP, GSE10325_CD4_T GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MAG GSE11864_CSF1_IFNG_VS_CSF1_IFNG_PAM3CYS_IN_MAC_	TIM_CD8_TCELL_DN, GSE17301_ACD3_ACD28_VS_ACD3_ACD28_AND_IFNA5_STIM_CD8_TCELL_DN PS_STIM_DC_UP, GSE32255_WT_UNSTIM_VS_JMJD2D_KNOCKDOWN_4H_LPS_STIM_DC_UP AT5_SIGNALING CELL_DN, GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_1H_CD4_TCELL_DN
	GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_IGSE17974_2H_VS_72H_UNTREATED_IN_VITRO_CD4_TCELGSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY3_STIMULGSE6092_B_BURGDOFERI_VS_B_BURGDORFERI_AND_IFN_NAGASHIMA_NRG1_SIGNALING_UP, NAGASHIMA_NRGGSE339_CD8POS_VS_CD4CD8DN_DC_IN_CULTURE_DN, GHOXA9_DN.V1_DN, HOXA9_DN.V1_DN	BCELL_DN, GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_BCELL_DN LL_UP, GSE17974_2H_VS_72H_UNTREATED_IN_VITRO_CD4_TCELL_UP LATED_BCELL_UP, GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP IG_STIM_ENDOTHELIAL_CELL_DN, GSE6092_B_BURGDOFERI_VS_B_BURGDORFERI_AND_IFNG_STIM_ENDOTHELIAL_CELL_DN G1_SIGNALING_UP
	AMIT_EGF_RESPONSE_480_HELA, AMIT_EGF_RESPONSE_GSE39382_IL3_VS_IL3_IL33_TREATED_MAST_CELL_DN, GS MYC_Q2, MYC_Q2 GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPID GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN, GGSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_0.5H_CD4_GOCC_90S_PRERIBOSOME, GOCC_90S_PRERIBOSOME	_480_HELA SE39382_IL3_VS_IL3_IL33_TREATED_MAST_CELL_DN DS_BLUE_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLUE_UP GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN TCELL_DN, GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_0.5H_CD4_TCELL_DN
	GSE339_EX_VIVO_VS_IN_CULTURE_CD4CD8DN_DC_DN, G	B_WT_VS_FOXO1_FOXO3_KO_TREG_UP _CTRL_VS_IFNA_TREATED_MAC_DN _MACROPHAGE_DN, GSE36891_UNSTIM_VS_POLYIC_TLR3_STIM_PERITONEAL_MACROPHAGE_DN GSE339_EX_VIVO_VS_IN_CULTURE_CD4CD8DN_DC_DN _UP, GSE3920_UNTREATED_VS_IFNA_TREATED_FIBROBLAST_UP 5_CD4_VS_CD8_TCELL_CLL_PATIENT_UP
	GSE7852_LN_VS_FAT_TCONV_DN, GSE7852_LN_VS_FAT_T GSE17721_LPS_VS_POLYIC_1H_BMDC_UP, GSE17721_LPS_V GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_DN, GSE270 GOBP_RESPONSE_TO_UV, GOBP_RESPONSE_TO_UV GSE22611_NOD2_TRANSD_VS_CTRL_TRANSD_HEK293_MI GSE40274_CTRL_VS_IRF4_TRANSDUCED_ACTIVATED_CD	TCONV_DN VS_POLYIC_1H_BMDC_UP
	GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_	OR_TCELL_UP, GSE46025_WT_VS_FOXO1_KO_KLRG1_LOW_CD8_EFFECTOR_TCELL_UP TH17_POLARIZING_CONDITIONS_UP, GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_UP NK_CELL_DN, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_RAG2_KO_NK_CELL_DN TIM_VS_LPS_STIM_DC_UP TRL_VS_POLYIC_12H_BMDC_DN JP
	GSE6269_E_COLI_VS_STAPH_AUREUS_INF_PBMC_UP, GSE MODULE_208, MODULE_208 REACTOME_METABOLISM_OF_WATER_SOLUBLE_VITAM	E6269_E_COLI_VS_STAPH_AUREUS_INF_PBMC_UP IINS_AND_COFACTORS, REACTOME_METABOLISM_OF_WATER_SOLUBLE_VITAMINS_AND_COFACTORS NAL_DC_SPLEEN_DN, GSE3691_IFN_PRODUCING_KILLER_DC_VS_CONVENTIONAL_DC_SPLEEN_DN S_SP3_THYMOCYTE_UP DONOVANI_VS_L_MAJOR_DC_DN
	GSE17721_CTRL_VS_LPS_4H_BMDC_DN, GSE17721_CTRL_VESC_V6.5_UP_LATE.V1_DN, ESC_V6.5_UP_LATE.V1_DN GSE43863_TFH_VS_LY6C_INT_CXCR5POS_EFFECTOR_CD4_GSE4748_CTRL_VS_LPS_AND_CYANOBACTERIUM_LPSLIKGSE11961_FOLLICULAR_BCELL_VS_GERMINAL_CENTER_	OPHAGE_DN, GSE23308_WT_VS_MINERALCORTICOID_REC_KO_MACROPHAGE_DN VS_LPS_4H_BMDC_DN TCELL_DN, GSE43863_TFH_VS_LY6C_INT_CXCR5POS_EFFECTOR_CD4_TCELL_DN KE_STIM_DC_3H_DN, GSE4748_CTRL_VS_LPS_AND_CYANOBACTERIUM_LPSLIKE_STIM_DC_3H_DN _BCELL_DAY7_DN, GSE11961_FOLLICULAR_BCELL_VS_GERMINAL_CENTER_BCELL_DAY7_DN IREG_UP, GSE22527_ANTI_CD3_INVIVO_VS_UNTREATED_MOUSE_TREG_UP
	WP_APOPTOSIS_MODULATION_AND_SIGNALING, WP_A MIR4684_5P, MIR4684_5P TIEN_INTESTINE_PROBIOTICS_2HR_DN, TIEN_INTESTINE HP_ABNORMAL_CIRCULATING_ALBUMIN_CONCENTRA GOLDRATH_IMMUNE_MEMORY, GOLDRATH_IMMUNE_I PTPRA_TARGET_GENES, PTPRA_TARGET_GENES	E_PROBIOTICS_2HR_DN ATION, HP_ABNORMAL_CIRCULATING_ALBUMIN_CONCENTRATION
	GOBP_VASCULAR_TRANSPORT, GOBP_VASCULAR_TRANGOBP_DNA_MODIFICATION GOBP_DNA_MODIFICATION MIR6806_5P, MIR6806_5P GOBP_ALPHA_BETA_T_CELL_DIFFERENTIATION, GOBP_AUPHOTODYNAMIC_THERAPYINDUCED_AP1_SURVIVA	N
	SENESE_HDAC2_TARGETS_UP, SENESE_HDAC2_TARGETS HP_PARESTHESIA, HP_PARESTHESIA GSE17721_POLYIC_VS_PAM3CSK4_2H_BMDC_DN, GSE1772 KIM_GASTRIC_CANCER_CHEMOSENSITIVITY, KIM_GAST ZHAN_MULTIPLE_MYELOMA_UP, ZHAN_MULTIPLE_MY DELASERNA_MYOD_TARGETS_DN, DELASERNA_MYOD_ GRABARCZYK_BCL11B_TARGETS_UP, GRABARCZYK_BCL	S_UP 21_POLYIC_VS_PAM3CSK4_2H_BMDC_DN IRIC_CANCER_CHEMOSENSITIVITY ZELOMA_UP _TARGETS_DN L11B_TARGETS_UP
	HP_MIGRAINE, HP_MIGRAINE GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_I GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPID NUFIP1_TARGET_GENES, NUFIP1_TARGET_GENES	SS, GOBP_WATER_SOLUBLE_VITAMIN_METABOLIC_PROCESS JRF4MID_BCELL_UP, GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_IRF4MID_BCELL_UP DS_BLACK_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLACK_UP IVITY, GOMF_AMIDE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
	WP_HEMATOPOIETIC_STEM_CELL_GENE_REGULATION_ ENGELMANN_CANCER_PROGENITORS_UP, ENGELMANN MODULE_265, MODULE_265	F_PHOSPHOLIPID_TRANSPORTER_ACTIVITY G_PATHWAY, WP_REGULATORY_CIRCUITS_OF_THE_STAT3_SIGNALING_PATHWAY _BY_GABP_ALPHABETA_COMPLEX, WP_HEMATOPOIETIC_STEM_CELL_GENE_REGULATION_BY_GABP_ALPHABETA_COMPLEX IN_CANCER_PROGENITORS_UP
	CHANG_IMMORTALIZED_BY_HPV31_DN, CHANG_IMMO KEGG_JAK_STAT_SIGNALING_PATHWAY, KEGG_JAK_STA WINTER_HYPOXIA_DN, WINTER_HYPOXIA_DN REACTOME_INTERLEUKIN_2_FAMILY_SIGNALING, REAC MIR431_5P, MIR431_5P MORF_NF1, MORF_NF1 AMIT_SERUM_RESPONSE_120_MCF10A, AMIT_SERUM_RE GSE33292_DN3_THYMOCYTE_VS_TCF1_KO_TCELL_LYMPI	AT_SIGNALING_PATHWAY CTOME_INTERLEUKIN_2_FAMILY_SIGNALING
	HAHTOLA_SEZARY_SYNDROM_DN, HAHTOLA_SEZARY_GOBP_DNA_METHYLATION_OR_DEMETHYLATION, GOBGOBP_DNA_METHYLATION, GOBP_DNA_METHYLATION_PTEN_DN.V2_DN BIOCARTA_DEATH_PATHWAY, BIOCARTA_DEATH_PATHBENPORATH_ES_2, BENPORATH_ES_2 GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDEN_GENOTOXIN_ACTION_DIRECT_VS_INDIRECT_4HR, FINE	BP_DNA_METHYLATION_OR_DEMETHYLATION N HWAY DS_MAGENTA_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_MAGENTA_UP
	MIR3935, MIR3935 GOBP_OLIGOSACCHARIDE_LIPID_INTERMEDIATE_BIOSYGOBP_CARBOHYDRATE_TRANSMEMBRANE_TRANSPORTEDU_CMV_8_HR_UP_KUROZUMI_RESPONSE_TO_ONCOCYTIC_VIRUS_AND_CYBERNARD_PPAPDC1B_TARGETS_DN, BERNARD_PPAPDC	YNTHETIC_PROCESS, GOBP_OLIGOSACCHARIDE_LIPID_INTERMEDIATE_BIOSYNTHETIC_PROCESS T, GOBP_CARBOHYDRATE_TRANSMEMBRANE_TRANSPORT YCLIC_RGD, KUROZUMI_RESPONSE_TO_ONCOCYTIC_VIRUS_AND_CYCLIC_RGD
	MIR6804_3P, MIR6804_3P GRABARCZYK_BCL11B_TARGETS_DN, GRABARCZYK_BCL ZHAN_LATE_DIFFERENTIATION_GENES_UP, ZHAN_LAT GOBP_DNA_REPLICATION_CHECKPOINT, GOBP_DNA_RI HAY_BONE_MARROW_CD8_T_CELL, HAY_BONE_MARRO	TE_DIFFERENTIATION_GENES_UP EPLICATION_CHECKPOINT
	GOBP_REGULATION_OF_NEURON_DIFFERENTIATION, G ZHAN_MULTIPLE_MYELOMA_CD2_DN, ZHAN_MULTIPL MIR7852_3P, MIR7852_3P GOBP_REGULATION_OF_ANOIKIS, GOBP_REGULATION_	E_MYELOMA_CD2_DN OF_ANOIKIS DUPLED_RECEPTOR_SIGNALING_PATHWAY, GOBP_PHOSPHOLIPASE_C_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY
	GOBP_POSITIVE_REGULATION_OF_ACUTE_INFLAMMAT GOBP_INTERMEMBRANE_LIPID_TRANSFER, GOBP_INTER GOMF_LIPID_TRANSFER_ACTIVITY, GOMF_LIPID_TRANS PID_IL3_PATHWAY, PID_IL3_PATHWAY GOBP_MACROPHAGE_DIFFERENTIATION, GOBP_MACRO	TIATION, GOBP_POSITIVE_REGULATION_OF_NEURON_DIFFERENTIATION TORY_RESPONSE, GOBP_POSITIVE_REGULATION_OF_ACUTE_INFLAMMATORY_RESPONSE RMEMBRANE_LIPID_TRANSFER SFER_ACTIVITY OPHAGE_DIFFERENTIATION
	GOBP_UBIQUINONE_METABOLIC_PROCESS, GOBP_UBIQUE	IE_METABOLIC_PROCESS DRI_EMU_MYC_LYMPHOMA_BY_ONSET_TIME_DN LATION_OF_PROTEINS, REACTOME_DISEASES_ASSOCIATED_WITH_N_GLYCOSYLATION_OF_PROTEINS PUINONE_METABOLIC_PROCESS ONA_VIRUSES_APOPTOSIS, WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_APOPTOSIS MENT_GRANULE_ORGANIZATION
	GOBP_NEGATIVE_REGULATION_OF_SIGNAL_TRANSDUC GCAAGAC_MIR431, GCAAGAC_MIR431 BIOCARTA_NKT_PATHWAY, BIOCARTA_NKT_PATHWAY GOBP_GLUCOSE_IMPORT, GOBP_GLUCOSE_IMPORT	E_UP, HOFFMANN_IMMATURE_TO_MATURE_B_LYMPHOCYTE_UP THWAY
	chr17q11, chr17q11 BIOCARTA_IL12_PATHWAY, BIOCARTA_IL12_PATHWAY HP_CLUBBING_OF_FINGERS, HP_CLUBBING_OF_FINGERS GOBP_MULTICELLULAR_ORGANISM_AGING, GOBP_MUI CCAWWNAAGG_SRF_Q4, CCAWWNAAGG_SRF_Q4 HP_ABNORMAL_LIBIDO, HP_ABNORMAL_LIBIDO SHANK_TAL1_TARGETS_DN, SHANK_TAL1_TARGETS_DN	S LTICELLULAR_ORGANISM_AGING
	MIR4268, MIR4268 GOBP_CD8_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATIO GOBP_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNATION GOBP_KETONE_BIOSYNTHETIC_PROCESS, GOBP_KETONE	AND_EGFR, WP_RELATIONSHIP_BETWEEN_INFLAMMATION_COX2_AND_EGFR JM_DN
	MORF_JAG1, MORF_JAG1 GOBP_FEVER_GENERATION, GOBP_FEVER_GENERATION GOBP_RESPONSE_TO_UV_B, GOBP_RESPONSE_TO_UV_B GOBP_POSITIVE_REGULATION_OF_PROTEIN_MATURATI GOCC_MYELIN_SHEATH, GOCC_MYELIN_SHEATH GOBP_HISTONE_H4_R3_METHYLATION, GOBP_HISTONE GOMF_PHOSPHOLIPID_TRANSFER_ACTIVITY, GOMF_PHO	N ION, GOBP_POSITIVE_REGULATION_OF_PROTEIN_MATURATION E_H4_R3_METHYLATION
	WU_HBX_TARGETS_1_DN, WU_HBX_TARGETS_1_DN GOBP_CELLULAR_RESPONSE_TO_HISTAMINE, GOBP_CEL GOMF_AMIDINE_LYASE_ACTIVITY, GOMF_AMIDINE_LYA HP_LEFT_VENTRICULAR_SYSTOLIC_DYSFUNCTION, HP_ HP_POIKILOCYTOSIS, HP_POIKILOCYTOSIS MORF_FLT1, MORF_FLT1 GOBP_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T TAVOR_CEBPA_TARGETS_DN, TAVOR_CEBPA_TARGETS_	ASE_ACTIVITY _LEFT_VENTRICULAR_SYSTOLIC_DYSFUNCTION _CELL_ACTIVATION, GOBP_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION
	GOBP_ENDOSOMAL_VESICLE_FUSION, GOBP_ENDOSOM WP_PREIMPLANTATION_EMBRYO, WP_PREIMPLANTATI	MENON PARTITE_REGIONAL_SUBDIVISION RTER_ACTIVITY, GOMF_CARBOHYDRATE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY MAL_VESICLE_FUSION ION_EMBRYO
	GOBP_GRANULOCYTE_DIFFERENTIATION, GOBP_GRANULOCYTE_DIFFERENTIATION, GOBP_GRANULOCIONIC_ABSENCE_SEIZURE, HP_MYOCLONIC_AGOBP_AMACRINE_CELL_DIFFERENTIATION, GOBP_AMAGOBP_REGULATION_OF_NUCLEAR_CELL_CYCLE_DNA_IREACTOME_ERK_MAPK_TARGETS, REACTOME_ERK_MAMORF_MYC, MORF_MYC	ABSENCE_SEIZURE ACRINE_CELL_DIFFERENTIATION REPLICATION, GOBP_REGULATION_OF_NUCLEAR_CELL_CYCLE_DNA_REPLICATION
	GOBP_COMPLEMENT_DEPENDENT_CYTOTOXICITY, GOB GOBP_HEAT_GENERATION, GOBP_HEAT_GENERATION LIU_IL13_PRIMING_MODEL, LIU_IL13_PRIMING_MODEL GOBP_CYTOPLASM_ORGANIZATION, GOBP_CYTOPLASM GOBP_CD4_POSITIVE_OR_CD8_POSITIVE_ALPHA_BETA_7 REACTOME_INFLAMMASOMES, REACTOME_INFLAMMA GOBP_BLASTODERM_SEGMENTATION, GOBP_BLASTODE HP_ABNORMAL_THALAMIC_SIZE, HP_ABNORMAL_THA	M_ORGANIZATION T_CELL_LINEAGE_COMMITMENT, GOBP_CD4_POSITIVE_OR_CD8_POSITIVE_ALPHA_BETA_T_CELL_LINEAGE_COMMITMENT ASOMES ERM_SEGMENTATION
VS_WT_UNSTIM_CD4_TCELL_UP, GSE45739_NRAS_KO_VS_WT_UNSTIM_CD4_TCELL_UP	GOBP_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CEL® BEGUM_TARGETS_OF_PAX3_FOXO1_FUSION_AND_PAX3, GOMF_POLYPEPTIDE_N_ACETYLGALACTOSAMINYLTRA HP_ELFIN_FACIES, HP_ELFIN_FACIES GOBP_RESPONSE_TO_CORTICOTROPIN_RELEASING_HOR GOMF_INOSITOL_1_3_4_5_TETRAKISPHOSPHATE_BINDIN MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_18, MYLLY	L_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_DIFFERENTIATION BEGUM_TARGETS_OF_PAX3_FOXO1_FUSION_AND_PAX3 ANSFERASE_ACTIVITY, GOMF_POLYPEPTIDE_N_ACETYLGALACTOSAMINYLTRANSFERASE_ACTIVITY RMONE, GOBP_RESPONSE_TO_CORTICOTROPIN_RELEASING_HORMONE NG, GOMF_INOSITOL_1_3_4_5_TETRAKISPHOSPHATE_BINDING (KANGAS_AMPLIFICATION_HOT_SPOT_18
	GOBP_L_ASCORBIC_ACID_METABOLIC_PROCESS, GOBP_ GOMF_PHOSPHATIDYLCHOLINE_TRANSPORTER_ACTIVE GOMF_PROSTANOID_RECEPTOR_ACTIVITY, GOMF_PROS GOMF_POLYOL_TRANSMEMBRANE_TRANSPORTER_ACTI GOBP_SENSORY_PERCEPTION_OF_UMAMI_TASTE, GOBP_	L_ACTIVATION, GOBP_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_ACTIVATION L_ASCORBIC_ACID_METABOLIC_PROCESS TTY, GOMF_PHOSPHATIDYLCHOLINE_TRANSPORTER_ACTIVITY STANOID_RECEPTOR_ACTIVITY IIVITY, GOMF_POLYOL_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
	HP_EPISODIC_ATAXIA, HP_EPISODIC_ATAXIA GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPID HP_CORNEAL_ULCERATION, HP_CORNEAL_ULCERATIO	HORMONERELATED_PROTEIN, WP_REGULATION_OF_APOPTOSIS_BY_PARATHYROID_HORMONERELATED_PROTEIN DBP_RECEPTOR_SIGNALING_PATHWAY_VIA_STAT BIQUINOL_BIOSYNTHESIS
	GOBP_POSITIVE_REGULATION_OF_GLYCOLYTIC_PROCE CHEN_PDGF_TARGETS, CHEN_PDGF_TARGETS GOMF_SUGAR_TRANSMEMBRANE_TRANSPORTER_ACTI BIOCARTA_NO2IL12_PATHWAY, BIOCARTA_NO2IL12_PA PEDERSEN_METASTASIS_BY_ERBB2_ISOFORM_5, PEDERSI	SS, GOBP_POSITIVE_REGULATION_OF_GLYCOLYTIC_PROCESS IVITY, GOMF_SUGAR_TRANSMEMBRANE_TRANSPORTER_ACTIVITY ATHWAY
	HP_LOW_SELF_ESTEEM, HP_LOW_SELF_ESTEEM GOBP_NEGATIVE_REGULATION_OF_OLIGODENDROCYT GOBP_CARDIAC_MUSCLE_FIBER_DEVELOPMENT, GOBP_	CD209_DC_SIGN_SIGNALING AMPLICON_12P11_12_DN GAMMA, GOBP_REGULATION_OF_RESPONSE_TO_INTERFERON_GAMMA TE_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_OLIGODENDROCYTE_DIFFERENTIATION _CARDIAC_MUSCLE_FIBER_DEVELOPMENT
	MIR3691_5P, MIR3691_5P GOBP_UREA_TRANSPORT, GOBP_UREA_TRANSPORT GOBP_POSITIVE_REGULATION_OF_PROSTAGLANDIN_BI	
		Y_OBSTRUCTION HYROID_CARCINOMA_UP
	MODULE_557, MODULE_557 GOBP_NEGATIVE_REGULATION_OF_ENDOTHELIAL_CEL GOBP_DETERMINATION_OF_ADULT_LIFESPAN, GOBP_D MORF_LMO1, MORF_LMO1 SA_FAS_SIGNALING, SA_FAS_SIGNALING HP_FEMALE_HYPOGONADISM, HP_FEMALE_HYPOGONA SA_PROGRAMMED_CELL_DEATH, SA_PROGRAMMED_CELL_DEATH, SA_PROGRAMMED_CELL_STROMAL_EDEMA, HP_CORNEAL_STROMAL_STROMAL_EDEMA, HP_CORNEAL_STROMAL_STROMAL_EDEMA, HP_CORNEAL_STROMAL_EDEMA	ADISM ELL_DEATH
	GOBP_MENAQUINONE_METABOLIC_PROCESS, GOBP_MEGOBP_GLUCOSE_IMPORT_ACROSS_PLASMA_MEMBRAND GOMF_GLYCEROL_CHANNEL_ACTIVITY, GOMF_GLYCER GIAROLA_SILVA_BLOOD_INFLUENZA_A_AGE_21_51YO_3 GOMF_INTERFERON_RECEPTOR_ACTIVITY, GOMF_INTERFEROMEDISEASES_OF_MISMATCH_REPAIR_MMR, REREACTOME_RHOT1_GTPASE_CYCLE, REACTOME_RHOT1	ENAQUINONE_METABOLIC_PROCESS E, GOBP_GLUCOSE_IMPORT_ACROSS_PLASMA_MEMBRANE ROL_CHANNEL_ACTIVITY 3DY_UP, GIAROLA_SILVA_BLOOD_INFLUENZA_A_AGE_21_51YO_3DY_UP RFERON_RECEPTOR_ACTIVITY EACTOME_DISEASES_OF_MISMATCH_REPAIR_MMR 1_GTPASE_CYCLE
	SCHMIDT_POR_TARGETS_IN_LIMB_BUD_DN, SCHMIDT_IREACTOME_PASSIVE_TRANSPORT_BY_AQUAPORINS, RERAMASWAMY_METASTASIS_DN, RAMASWAMY_METASTASIS_DN, RAMASWAMY_METASTASIS_DN_TCR_CALCIUM_PATASTAKAYAMA_BOUND_BY_AR, TAKAYAMA_BOUND_BY_AREACTOME_INTERLEUKIN_21_SIGNALING, REACTOME_IREACTOME_INTERLEUKIN_COMPOUND_TRANSPORT, GOBP_COMPOUND_TRANSPORT, GOBP_COMPOUND_	EACTOME_PASSIVE_TRANSPORT_BY_AQUAPORINS TASIS_DN THWAY AR INTERLEUKIN_21_SIGNALING ONE_CARBON_COMPOUND_TRANSPORT
	BIOCARTA_EPHA4_PATHWAY, BIOCARTA_EPHA4_PATH REACTOME_VITAMIN_C_ASCORBATE_METABOLISM, REACTOME_VITAMIN_C_ASCORBATE_METABOLISM, REACTOME_VITAMIN_C_ASCORBATE_METABOLISM_C_ASCORBATE_C_ASCORBATE_C_ASCORBATE_C_ASCORBATE_C_ASCORBATE_C_ASCORBATE_C_AS	LIX TIVITY, GOMF_LONG_CHAIN_FATTY_ACID_TRANSPORTER_ACTIVITY IWAY
	PID_S1P_S1P1_PATHWAY, PID_S1P_S1P1_PATHWAY GOBP_POSITIVE_REGULATION_OF_UNSATURATED_FATT GOMF_STEROL_ESTERASE_ACTIVITY, GOMF_STEROL_EST HP_AORTIC_VALVE_CALCIFICATION, HP_AORTIC_VALVE	
	GOBP_COMMON_MYELOID_PROGENITOR_CELL_PROLIF BIOCARTA_MELANOCYTE_PATHWAY, BIOCARTA_MELA HP_UNCONTROLLED_EYE_MOVEMENTS, HP_UNCONTROLLED_EYE_MOVEMENTS, HP_UNCONTROLLED_EYE_MOUPS_INHIBITORY, FAN_EMBRYONIC_CTX_BIG_GROUPS_INHIBITORY, FAN_EMBRYONIC_C	ISPORT ACTIVITY, GOMF_GLYCEROL_TRANSMEMBRANE_TRANSPORTER_ACTIVITY FERATION, GOBP_COMMON_MYELOID_PROGENITOR_CELL_PROLIFERATION ANOCYTE_PATHWAY COLLED_EYE_MOVEMENTS
	SHARMA_ASTROCYTOMA_WITH_NF1_SYNDROM, SHARM BIOCARTA_IFNG_PATHWAY, BIOCARTA_IFNG_PATHWAY GOBP_REGULATION_OF_INOSITOL_TRISPHOSPHATE_BIOCARTA_IFNG_PATHWAY GOBP_NEGATIVE_REGULATION_OF_PHOTORECEPTOR_COCC_BCL_2_FAMILY_PROTEIN_COMPLEX, GOCC_BCL_2_GOBP_CYCLIC_NUCLEOTIDE_CATABOLIC_PROCESS, GOING	AY OSYNTHETIC_PROCESS, GOBP_REGULATION_OF_INOSITOL_TRISPHOSPHATE_BIOSYNTHETIC_PROCESS CELL_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_PHOTORECEPTOR_CELL_DIFFERENTIATION 2_FAMILY_PROTEIN_COMPLEX BP_CYCLIC_NUCLEOTIDE_CATABOLIC_PROCESS
	GOBP_POSITIVE_REGULATION_OF_AMYLOID_BETA_FOR GOBP_POSITIVE_REGULATION_OF_FATTY_ACID_METAB	GOBP_MYELOID_DENDRITIC_CELL_DIFFERENTIATION ITVITY, GOMF_HEXOSE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY RMATION, GOBP_POSITIVE_REGULATION_OF_AMYLOID_BETA_FORMATION BOLIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_FATTY_ACID_METABOLIC_PROCESS TATION, GOBP_CD8_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION OSTEOBLAST_TRANSCRIPTION_FACTORS
	REACTOME_HIGHLY_CALCIUM_PERMEABLE_NICOTINIC CHESLER_BRAIN_D6MIT150_QTL_TRANS, CHESLER_BRAIN GOBP_ANTERIOR_POSTERIOR_AXIS_SPECIFICATION, GOHP_INCREASED_HEMOGLOBIN, HP_INCREASED_HEMOGLOBIN, HP_INCREASED_HEMOGLOBP_INTESTINE_SMOOTH_MUSCLE_CONTRACTION, GOGOBP_CORTICOTROPIN_SECRETION, GOBP_CORTICOTROPIN_SECRETION, GOBP_CORTICOTROPIN_RELEASING_HOURSELEASING	C_ACETYLCHOLINE_RECEPTORS, REACTOME_HIGHLY_CALCIUM_PERMEABLE_NICOTINIC_ACETYLCHOLINE_RECEPTORS IN_D6MIT150_QTL_TRANS OBP_ANTERIOR_POSTERIOR_AXIS_SPECIFICATION GLOBIN OBP_INTESTINE_SMOOTH_MUSCLE_CONTRACTION OPIN_SECRETION ORMONE, GOBP_RESPONSE_TO_GONADOTROPIN_RELEASING_HORMONE
	GOCC_CELL_POLE, GOCC_CELL_POLE HP_LARGE_PLACENTA, HP_LARGE_PLACENTA HP_EEG_WITH_SPIKE_WAVE_COMPLEXES_2_5_3_5_HZ, H GOBP_REGULATION_OF_CELLULAR_PH_REDUCTION, GO MORF_ETV3, MORF_ETV3	TION, GOBP_REGULATION_OF_PIGMENT_CELL_DIFFERENTIATION HP_EEG_WITH_SPIKE_WAVE_COMPLEXES_2_5_3_5_HZ
	GOBP_NEGATIVE_REGULATION_OF_OSTEOBLAST_PROLGOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPH GOBP_SMOOTH_MUSCLE_CELL_MIGRATION, GOBP_SMOOTH_ABSENCE_OF_PUBERTAL_DEVELOPMENT, HP_ABSENCE_OBP_REGULATION_OF_GASTRIC_ACID_SECRETION, GOGOBP_PROSTATE_GLANDULAR_ACINUS_DEVELOPMENT	NCE_OF_PUBERTAL_DEVELOPMENT
	VANDESLUIS_COMMD1_TARGETS_GROUP_4_UP, VANDEBIOCARTA_DC_PATHWAY, BIOCARTA_DC_PATHWAY GOBP_POSITIVE_REGULATION_OF_ATP_METABOLIC_PROGOBP_REGULATION_OF_ADENYLATE_CYCLASE_ACTIVATE GOBP_NATURAL_KILLER_CELL_DIFFERENTIATION, GOBLANDIS_BREAST_CANCER_PROGRESSION_DN, LANDIS_ELEP_PYODERMA, HP_PYODERMA	ESLUIS_COMMD1_TARGETS_GROUP_4_UP OCESS, GOBP_POSITIVE_REGULATION_OF_ATP_METABOLIC_PROCESS ATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY, GOBP_REGULATION_OF_ADENYLATE_CYCLASE_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING BP_NATURAL_KILLER_CELL_DIFFERENTIATION BREAST_CANCER_PROGRESSION_DN
	GOBP_REGULATION_OF_MELANOCYTE_DIFFERENTIATION GOBP_CGMP_CATABOLIC_PROCESS, GOBP_CGMP_CATA	ACETAMINOPHEN_PATHWAY ION_FACTOR_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_CREB_TRANSCRIPTION_FACTOR_ACTIVITY ION, GOBP_REGULATION_OF_MELANOCYTE_DIFFERENTIATION ABOLIC_PROCESS CRETION, GOBP_POSITIVE_REGULATION_OF_CORTICOTROPIN_SECRETION
	HP_SHAGREEN_PATCH, HP_SHAGREEN_PATCH GOBP_REGULATION_OF_CD4_POSITIVE_CD25_POSITIVE_ GOBP_POSITIVE_REGULATION_OF_INOSITOL_TRISPHOSI	_ALPHA_BETA_REGULATORY_T_CELL_DIFFERENTIATION, GOBP_REGULATION_OF_CD4_POSITIVE_CD25_POSITIVE_ALPHA_BETA_REGULATORY_T_CELL_DIFFERENTIATION PHATE_BIOSYNTHETIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_INOSITOL_TRISPHOSPHATE_BIOSYNTHETIC_PROCESS TION, GOBP_POSITIVE_REGULATION_OF_CELLULAR_RESPIRATION FEMORAL_EPIPHYSIS
	MIR4649_5P, MIR4649_5P MODULE_415, MODULE_415 GOBP_REGULATION_OF_DEVELOPMENTAL_PIGMENTAT GOMF_ACETYLCHOLINE_GATED_CATION_SELECTIVE_C chr5q12, chr5q12 GOBP_RESPONSE_TO_NICOTINE, GOBP_RESPONSE_TO_N	
	GOBP_NEGATIVE_REGULATION_OF_MYELOID_CELL_AP GOBP_POSITIVE_REGULATION_OF_T_HELPER_17_TYPE_I GOMF_CARBOHYDRATE_PHOSPHATASE_ACTIVITY, GON ADCYAP1_TARGET_GENES, ADCYAP1_TARGET_GENES HP_FOCAL_TONIC_SEIZURE, HP_FOCAL_TONIC_SEIZURI MIR6729_5P, MIR6729_5P HOEK_MYELOID_DENDRITIC_CELL_2011_2012_TIV_ADUL	E LT_7DY_DN, HOEK_MYELOID_DENDRITIC_CELL_2011_2012_TIV_ADULT_7DY_DN
	GOMF_D_GLUCOSE_TRANSMEMBRANE_TRANSPORTER_ HP_IMPACTED_TOOTH, HP_IMPACTED_TOOTH GOBP_POSITIVE_REGULATION_OF_NATURAL_KILLER_C GOBP_BEHAVIORAL_RESPONSE_TO_NICOTINE, GOBP_BE	OBP_GROWTH_PLATE_CARTILAGE_DEVELOPMENT GETS_UP G_RECEPTOR_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_NMDA_GLUTAMATE_RECEPTOR_ACTIVITY _ACTIVITY, GOMF_D_GLUCOSE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY CELL_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_NATURAL_KILLER_CELL_DIFFERENTIATION EHAVIORAL_RESPONSE_TO_NICOTINE
	GOBP_CALCIUM_ION_IMPORT_INTO_SARCOPLASMIC_RGOMF_HISTAMINE_RECEPTOR_ACTIVITY, GOMF_HISTAMINE_GOMF_MELANOCORTIN_RECEPTOR_ACTIVITY, GOMF_MZNF211_TARGET_GENES, ZNF211_TARGET_GENES HP_REDUCED_C_PEPTIDE_LEVEL, HP_REDUCED_C_PEPTION_GOBP_REGULATION_OF_OSTEOBLAST_PROLIFERATION, GOBP_REGULATION_OF_INOSITOL_PHOSPHATE_BIOSYN	ETICULUM, GOBP_CALCIUM_ION_IMPORT_INTO_SARCOPLASMIC_RETICULUM MINE_RECEPTOR_ACTIVITY MELANOCORTIN_RECEPTOR_ACTIVITY TIDE_LEVEL , GOBP_REGULATION_OF_OSTEOBLAST_PROLIFERATION NTHETIC_PROCESS, GOBP_REGULATION_OF_INOSITOL_PHOSPHATE_BIOSYNTHETIC_PROCESS
	HP_ABNORMALITY_OF_THE_TEMPOROMANDIBULAR_JOHOEK_MONOCYTE_2011_2012_TIV_ADULT_1DY_UP, HOED HP_ABNORMAL_SALIVARY_GLAND_MORPHOLOGY, HP_GOBP_NK_T_CELL_DIFFERENTIATION, GOBP_NK_T_CELL GOMF_NUCLEOBASE_TRANSMEMBRANE_TRANSPORTED HP_PROMINENT_UMBILICUS, HP_PROMINENT_UMBILICUS, HP_SOFT_TISSUE_NEOPLAGOBP_MUCOSA_ASSOCIATED_LYMPHOID_TISSUE_DEVE	OINT, HP_ABNORMALITY_OF_THE_TEMPOROMANDIBULAR_JOINT IK_MONOCYTE_2011_2012_TIV_ADULT_1DY_UP P_ABNORMAL_SALIVARY_GLAND_MORPHOLOGY L_DIFFERENTIATION R_ACTIVITY, GOMF_NUCLEOBASE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY SUS ASM ELOPMENT, GOBP_MUCOSA_ASSOCIATED_LYMPHOID_TISSUE_DEVELOPMENT
	GOMF_PHOSPHOFRUCTOKINASE_ACTIVITY, GOMF_PHOSPHOFRUCTOKINASE_ACTIVITY, GOMF_PHOSPHOFRUCTOKINASE_ACTIVITY, GOMF_PHOSPHOFRUCTOKINASE_ACTIVITY, GOMF_PHOSPHOF GOCC_ACETYLCHOLINE_GATED_CHANNEL_COMPLEX, GOBP_REGULATION_OF_MYOTUBE_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_INTEGRIN_ACTIVATION_REACTOME_HIGHLY_CALCIUM_PERMEABLE_POSTSYNAME ACCORDANGE_ACETYLCHOLINE_BINDING_AND_DOWNST	OSPHOFRUCTOKINASE_ACTIVITY OMYOMA OMYOMA GOCC_ACETYLCHOLINE_GATED_CHANNEL_COMPLEX GOBP_REGULATION_OF_MYOTUBE_DIFFERENTIATION ION, GOBP_POSITIVE_REGULATION_OF_INTEGRIN_ACTIVATION APTIC_NICOTINIC_ACETYLCHOLINE_RECEPTORS, REACTOME_HIGHLY_CALCIUM_PERMEABLE_POSTSYNAPTIC_NICOTINIC_ACETYLCHOLINE_RECEPTORS TREAM_EVENTS, REACTOME_ACETYLCHOLINE_BINDING_AND_DOWNSTREAM_EVENTS
	GOBP_REGULATION_OF_RNA_POLYMERASE_II_REGULA COLE_BLOOD_FLUMIST_QUADRIVALENT_AGE_03_17YO_ RICHERT_PBMC_HIV_LIPO_5_AGE_37_48YO_STIMULATEI GOBP_FRUCTOSE_2_6_BISPHOSPHATE_METABOLIC_PRO- GOBP_PYRIMIDINE_NUCLEOBASE_TRANSPORT, GOBP_P GOBP_DISACCHARIDE_BIOSYNTHETIC_PROCESS, GOBP_ GOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPH	ATORY_REGION_SEQUENCE_SPECIFIC_DNA_BINDING, GOBP_REGULATION_OF_RNA_POLYMERASE_II_REGULATORY_REGION_SEQUENCE_SPECIFIC_DNA_BINDINGTOY_UP, COLE_BLOOD_FLUMIST_QUADRIVALENT_AGE_03_17YO_7DY_UP D_VS_UNSTIMULATED_14W_INTERFERON_SUBSET_UP, RICHERT_PBMC_HIV_LIPO_5_AGE_37_48YO_STIMULATED_VS_UNSTIMULATED_14W_INTERFERON_SUBSET_UP D_CESS, GOBP_FRUCTOSE_2_6_BISPHOSPHATE_METABOLIC_PROCESS PYRIMIDINE_NUCLEOBASE_TRANSPORT
	HP_FOOT_ACROOSTEOLYSIS, HP_FOOT_ACROOSTEOLYSGOBP_CD4_POSITIVE_CD25_POSITIVE_ALPHA_BETA_REGISTENG_ADIPOGENIC_POTENTIAL_UP, TSENG_ADIPOGENIC_BUSSLINGER_GASTRIC_ANTRAL_ECS, BUSSLINGER_GASTWALLACE_PROSTATE_CANCER_DN, WALLACE_PROSTATE_PAROXYSMAL_DYSKINESIA, HP_PAROXYSMAL_DYSKINESIA, HP_PAROXYSMAL_DYSKINESIA, GOBP_RESPONSE_TO_ANGIOTENSIN, GOBP_RESPONSE_TO_ANGIOTENSIN, GOBP_RESPONSE_TO_TOSTATE TO TOSTATE TOSTATE TO TOSTATE TO TOSTATE TO TOSTATE TO TOSTATE TO TOSTATE TOSTATE TO TOSTATE TOSTAT	GULATORY_T_CELL_DIFFERENTIATION, GOBP_CD4_POSITIVE_CD25_POSITIVE_ALPHA_BETA_REGULATORY_T_CELL_DIFFERENTIATION NIC_POTENTIAL_UP TRIC_ANTRAL_ECS TE_CANCER_DN KINESIA
	GOBP_NEGATIVE_REGULATION_OF_GASTRIC_ACID_SEC GOBP_CD4_POSITIVE_ALPHA_BETA_T_CELL_PROLIFERA REACTOME_G_PROTEIN_ACTIVATION, REACTOME_G_PI GOBP_RHYTHMIC_BEHAVIOR, GOBP_RHYTHMIC_BEHAV MIR6853_5P, MIR6853_5P	