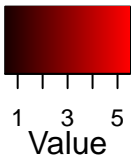
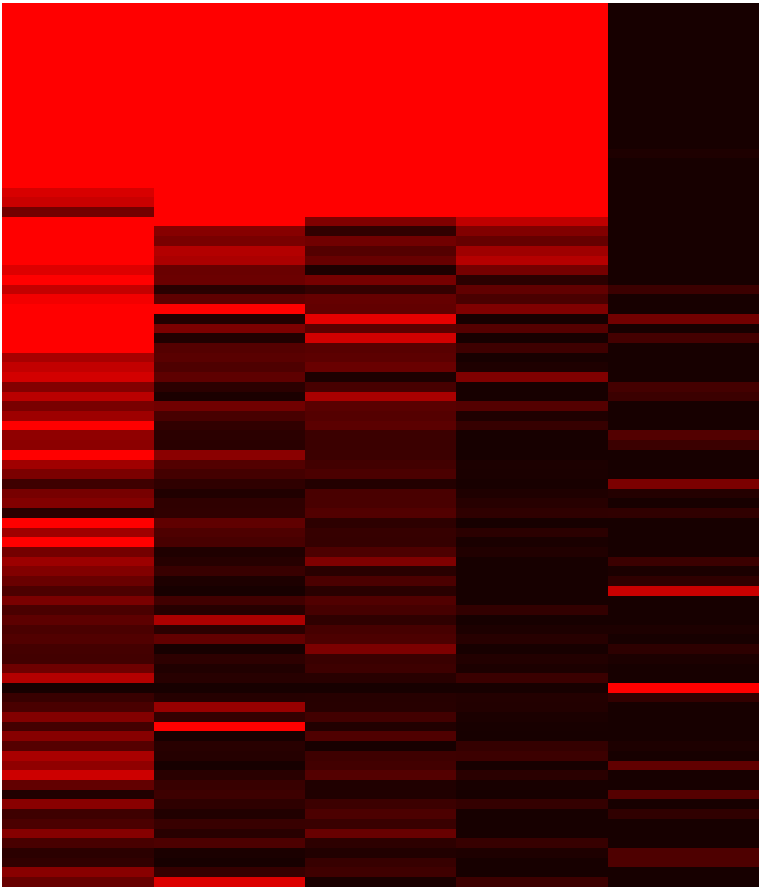


Color Key



GAGE Up-test: $-\log_{10}(\text{p-value})$



ent_0171

ent_0190

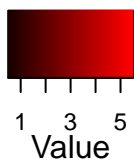
ent_0210

ent_0211

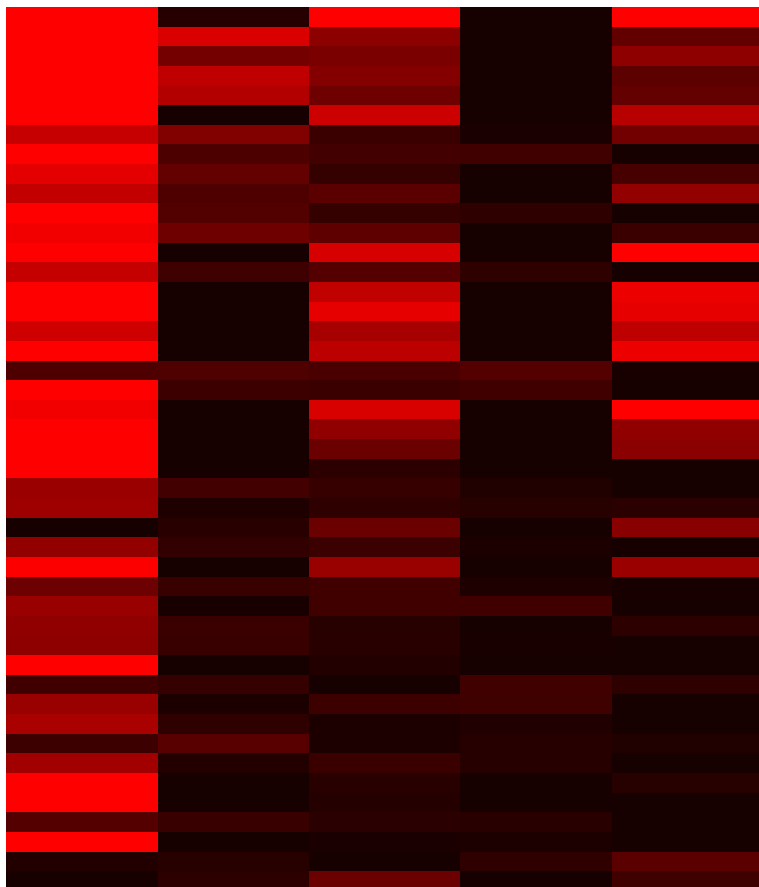
ent_0221

REACTOME_IMMUNOREGULATOR
REACTOME_FCGR_ACTIVATION
REACTOME_INITIAL_TRIGGERING
REACTOME_CREATION_OF_C4_A
REACTOME_ROLE_OF_LAT2_NTA
REACTOME_BINDING_AND_UPTA
REACTOME_PARASITE_INFECTI
REACTOME_COMPLEMENT_CASC
REACTOME_LEISHMANIA_INFECT
REACTOME_CELL_SURFACE_INTI
REACTOME_FC_EPSILON_RECEP
REACTOME_SIGNALING_BY_INTE
REACTOME_GENERATION_OF_SE
REACTOME_INTERLEUKIN_10_SIG
REACTOME_INTERLEUKIN_2_FAM
REACTOME_COSTIMULATION_BY
REACTOME_RHO_GTPASE_CYCLI
REACTOME_RAC1_GTPASE_CYCL
REACTOME_SIGNALING_BY_REC
REACTOME_PEPTIDE_LIGAND_BI
REACTOME_CDC42_GTPASE_CYO
REACTOME_INTERLEUKIN_15_SIG
REACTOME_CLATHRIN_MEDIATED
REACTOME_PLATELET_ACTIVATIO
REACTOME_SIGNALING_BY_SCF
REACTOME_PI3K_AKT_SIGNALING
REACTOME_MHC_CLASS_II_ANTI
REACTOME_INTERLEUKIN_2_SIG
REACTOME_CONSTITUTIVE_SIGN
REACTOME_PLATELET_AGGREGA
REACTOME_G_PROTEIN_MEDIAT
REACTOME_CD28_DEPENDENT_V
REACTOME_CD28_CO_STIMULAT
REACTOME_SEMAPHORIN_INTER
REACTOME_NEGATIVE_REGULAT
REACTOME_NEURONAL_SYSTEM
REACTOME_FORMATION_OF_THE
REACTOME_ASSEMBLY_OF_COLL
REACTOME_G_ALPHA_Q_SIGNAL
REACTOME_PI_METABOLISM
REACTOME_SIGNALING_BY_NUC
REACTOME_REGULATION_OF_TL
REACTOME_OVARIAN_TUMOR_DE
REACTOME_C_TYPE_LECTIN_RE
REACTOME_INTRACELLULAR_SIG
REACTOME_REGULATION_OF_INS

Color Key



GAGE Down-test: $-\log_{10}(\text{p-value})$



ent_0171

ent_0190

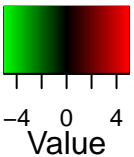
ent_0210

ent_0211

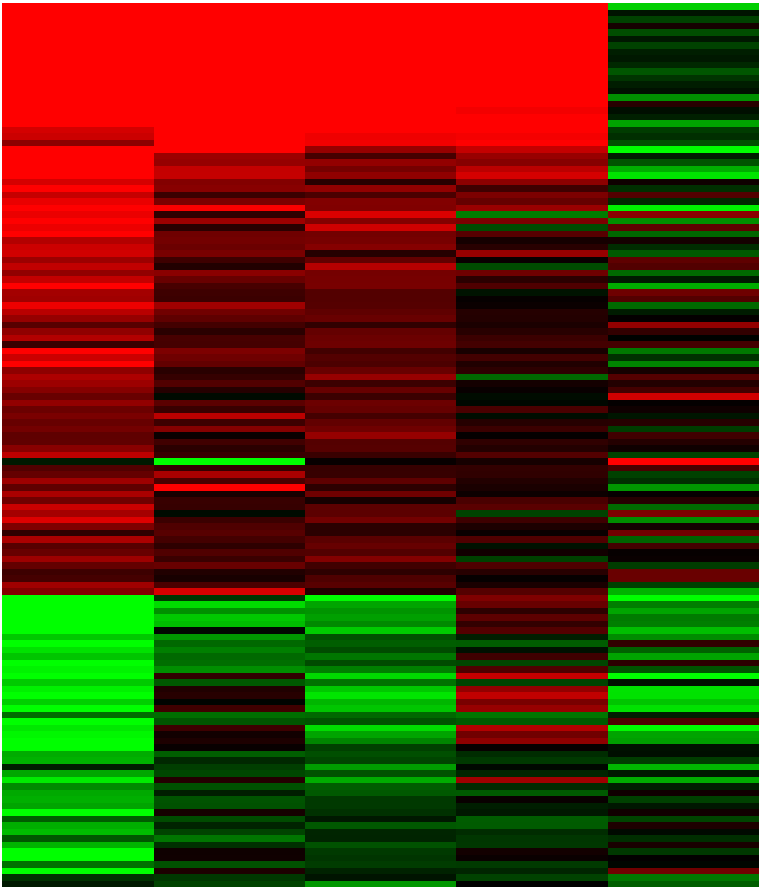
ent_0221

REACTOME_TRANSLATION
REACTOME_RESPIRATORY_E
REACTOME_MITOCHONDRIAL
REACTOME_RESPIRATORY_E
REACTOME_THE_CITRIC_ACI
REACTOME_RRNA_PROCESS
REACTOME_PROTEIN_LOCAL
REACTOME_PROCESSING_O
REACTOME_MITOCHONDRIAL
REACTOME_METABOLISM_OF
REACTOME_MRNA_SPLICING
REACTOME_COMPLEX_I_BIO
REACTOME_SRP_DEPENDEN
REACTOME_TRNA_PROCESS
REACTOME_SELENOAMINO_A
REACTOME_EUKARYOTIC_TR
REACTOME_CELLULAR_RESF
REACTOME_EUKARYOTIC_TR
REACTOME_CHOLESTEROL_
REACTOME_DNA_REPAIR
REACTOME_RESPONSE_OF
REACTOME_INFLUENZA_INFE
REACTOME_REGULATION_OF
REACTOME_DNA_REPLICATI
REACTOME_NUCLEOTIDE_EX
REACTOME_RRNA_MODIFICA
REACTOME_METALLOTHIONE
REACTOME_GLOBAL_GENOM
REACTOME_NONSENSE_MED
REACTOME_TRNA_MODIFICA
REACTOME_TRANSCRIPTION
REACTOME_CRISTAE_FORMA
REACTOME_TRANSCRIPTION
REACTOME_MITOTIC_G1_PH
REACTOME_MITOCHONDRIAL
REACTOME_TRANSPORT_OF
REACTOME_RESOLUTION_OF
REACTOME_GLYOXYLATE_ME
REACTOME_RNA_POLYMER
REACTOME_SWITCHING_OF
REACTOME_S_PHASE
REACTOME_TP53_REGULATE
REACTOME_CELL_CYCLE_CH
REACTOME_PEROXISOMAL_F
REACTOME_RESPONSE_TO_

Color Key



GAGE test statistics



ent_0171

ent_0190

ent_0210

ent_0211

ent_0221

REACTOME_IMMUNOREGULATOR
REACTOME_FCGR3A_MEDIATED
REACTOME_CREATION_OF_C4_A
REACTOME_FCERI_MEDIATED_C
REACTOME_PARASITE_INFECTION
REACTOME_ANTI_INFLAMMATORY
REACTOME_CELL_SURFACE_INT
REACTOME_FCERI_MEDIATED_N
REACTOME_GENERATION_OF_SE
REACTOME_GPCR_LIGAND_BIND
REACTOME_COSTIMULATION_BY
REACTOME_PD_1_SIGNALING
REACTOME_SIGNALING_BY_REC
REACTOME_NR1H2_AND_NR1H3
REACTOME_INTERLEUKIN_15_SIG
REACTOME_CARGO_RECOGNITION
REACTOME_SIGNALING_BY_SCF
REACTOME_INTERLEUKIN_21_SIG
REACTOME_INTERLEUKIN_2_SIG
REACTOME_RHOA_GTPASE_CYCLE
REACTOME_G_PROTEIN_MEDIATED
REACTOME_SIGNALING_BY_MET
REACTOME_SEMAPHORIN_INTER
REACTOME_TOLL_LIKE_RECEPT
REACTOME_FORMATION_OF_THE
REACTOME_SIGNAL_REGULATOR
REACTOME_PI_METABOLISM
REACTOME_NCAM_SIGNALING_F
REACTOME_OVARIAN_TUMOR_DE
REACTOME_ADORA2B_MEDIATED
REACTOME_REGULATION_OF_IN
REACTOME_MITOCHONDRIAL_TR
REACTOME_RRNA_PROCESSING
REACTOME_MITOCHONDRIAL_PR
REACTOME_COMPLEX_I_BIOGEN
REACTOME_SELENOAMINO_ACID
REACTOME_EUKARYOTIC_TRANS
REACTOME_RESPONSE_OF_EIF2
REACTOME_DNA_REPLICATION
REACTOME_METALLOTHIONEINS
REACTOME_TRNA_MODIFICATION
REACTOME_TRANSCRIPTION_CO
REACTOME_TRANSPORT_OF_MA
REACTOME_RNA_POLYMERASE_I
REACTOME_TP53_REGULATES_T
REACTOME_RESPONSE_TO_MET