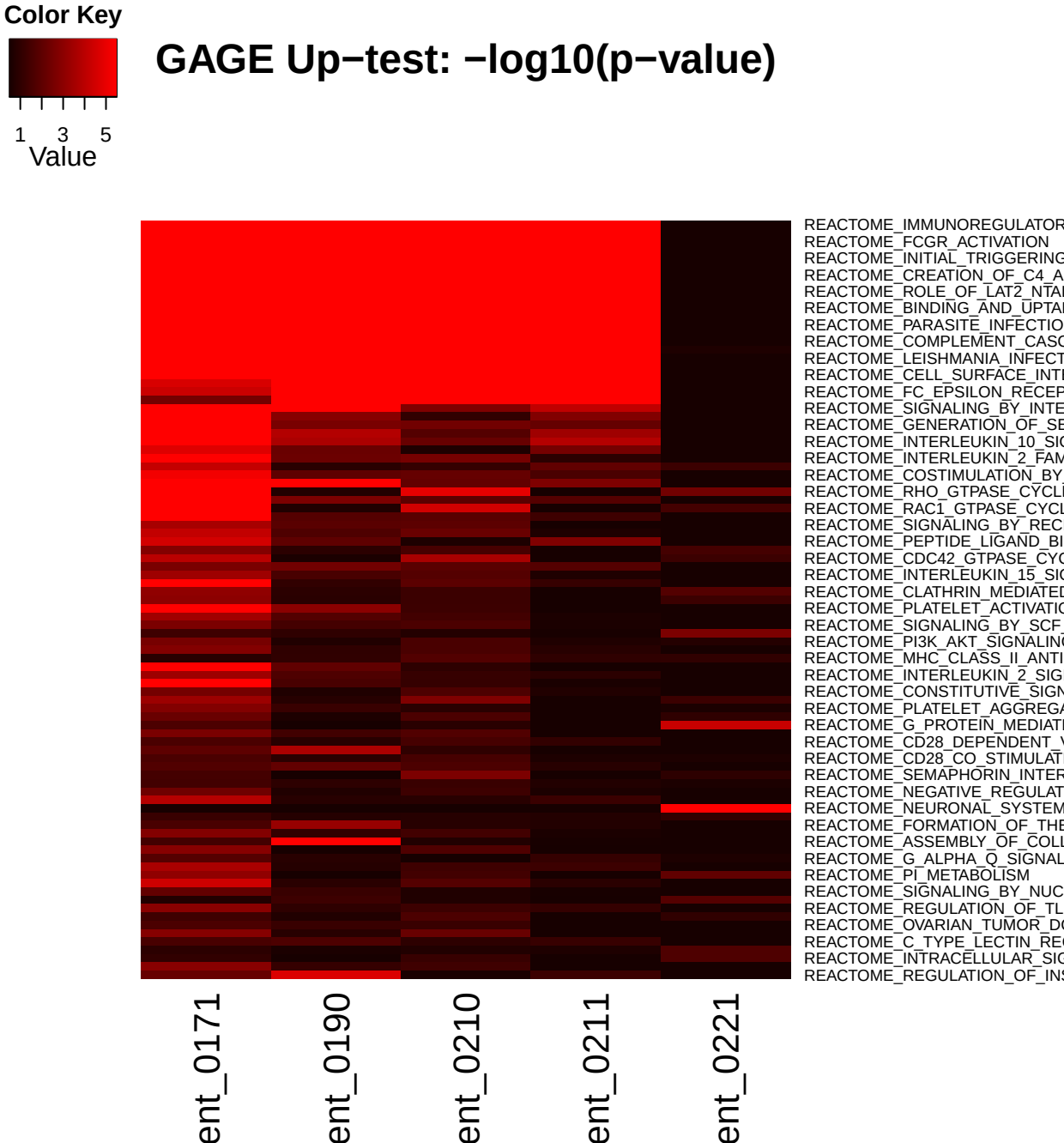
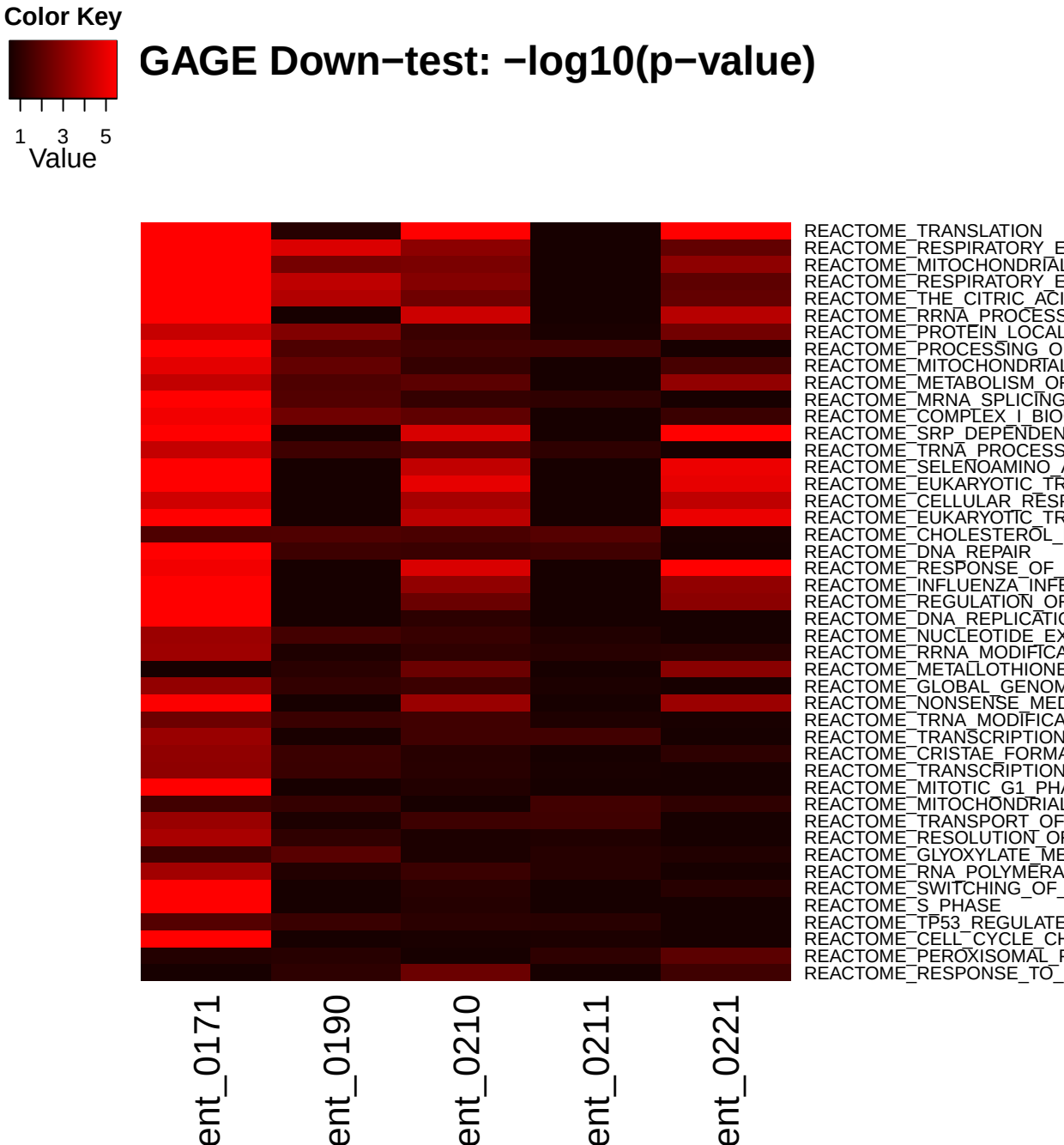

Color Key
1
3
5
Value
GAGE Up−test: −log10(p−value)
REACTOME_IMMUNOREGULATOR
REACTOME_FCGR_ACTIVATION
REACTOME_INITIAL_TRIGGERING
REACTOME_CREATION_OF_C4_A
REACTOME_ROLE_OF_LAT2_NTA
REACTOME_BINDING_AND_UPTA
REACTOME_PARASITE_INFECTIO
REACTOME_COMPLEMENT_CASC
REACTOME_LEISHMANIA_INFECT
REACTOME_CELL_SURFACE_INT
REACTOME_FC_EPSILON_RECEP
REACTOME_SIGNALING_BY_INTE
REACTOME_GENERATION_OF_SE
REACTOME_INTERLEUKIN_10_SI
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_CYC
REACTOME_INTERLEUKIN_15_SI
REACTOME_CLATHRIN_MEDIATED
REACTOME_PLATELET_ACTIVATIO
REACTOME_SIGNALING_BY_SCF_
REACTOME_PI3K_AKT_SIGNALIN
REACTOME_MHC_CLASS_II_ANTI
REACTOME_INTERLEUKIN_2_SIG
REACTOME_CONSTITUTIVE_SIGN
REACTOME_PLATELET_AGGREGA
REACTOME_G_PROTEIN_MEDIATI
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_DO
REACTOME_C_TYPE_LECTIN_RE
REACTOME_INTRACELLULAR_SIG
REACTOME_REGULATION_OF_INS
ent_0171
ent_0190
ent_0210
ent_0211
ent_0221


Color Key
1
3
5
Value
GAGE Down−test: −log10(p−value)
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_RESP
REACTOME_EUKARYOTIC_TR
REACTOME_CHOLESTEROL_
REACTOME_DNA_REPAIR
REACTOME_RESPONSE_OF_
REACTOME_INFLUENZA_INFE
REACTOME_REGULATION_OF
REACTOME_DNA_REPLICATIO
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_PHA
REACTOME_MITOCHONDRIAL
REACTOME_TRANSPORT_OF
REACTOME_RESOLUTION_OF
REACTOME_GLYOXYLATE_ME
REACTOME_RNA_POLYMERA
REACTOME_SWITCHING_OF_
REACTOME_S_PHASE
REACTOME_TP53_REGULATE
REACTOME_CELL_CYCLE_CH
REACTOME_PEROXISOMAL_P
REACTOME_RESPONSE_TO_
ent_0171
ent_0190
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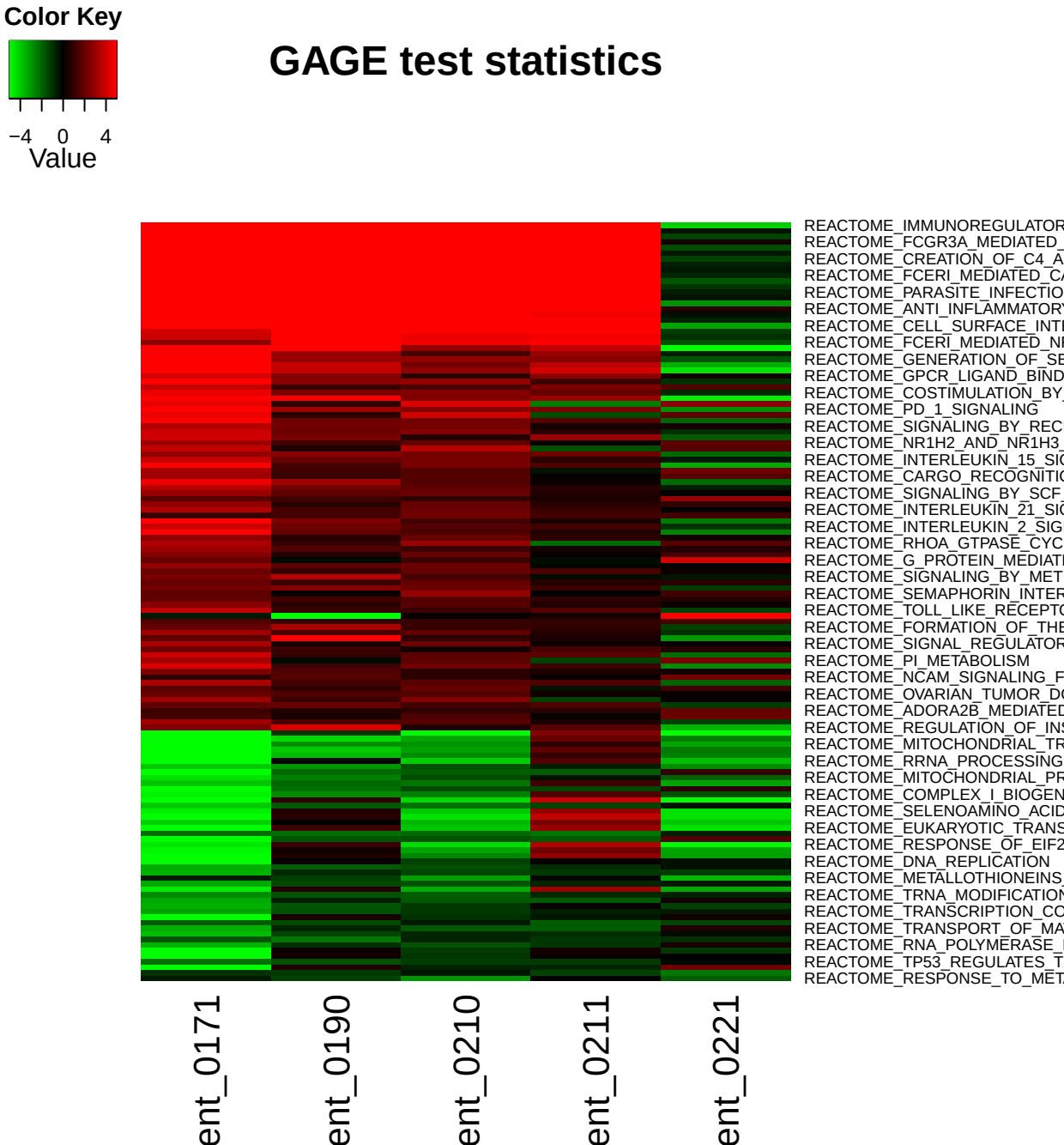
ent_0211
ent_0221


Color Key
−4 0 4
Value
GAGE test statistics
REACTOME_IMMUNOREGULATOR
REACTOME_FCGR3A_MEDIATED_
REACTOME_CREATION_OF_C4_A
REACTOME_FCERI_MEDIATED_CA
REACTOME_PARASITE_INFECTIO
REACTOME_ANTI_INFLAMMATORY
REACTOME_CELL_SURFACE_INTE
REACTOME_FCERI_MEDIATED_NF
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_SI
REACTOME_CARGO_RECOGNITIO
REACTOME_SIGNALING_BY_SCF_
REACTOME_INTERLEUKIN_21_SI
REACTOME_INTERLEUKIN_2_SIG
REACTOME_RHOA_GTPASE_CYC
REACTOME_G_PROTEIN_MEDIATE
REACTOME_SIGNALING_BY_MET
REACTOME_SEMAPHORIN_INTER
REACTOME_TOLL_LIKE_RECEPTO
REACTOME_FORMATION_OF_THE
REACTOME_SIGNAL_REGULATOR
REACTOME_PI_METABOLISM
REACTOME_NCAM_SIGNALING_F
REACTOME_OVARIAN_TUMOR_DO
REACTOME_ADORA2B_MEDIATED
REACTOME_REGULATION_OF_INS
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
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