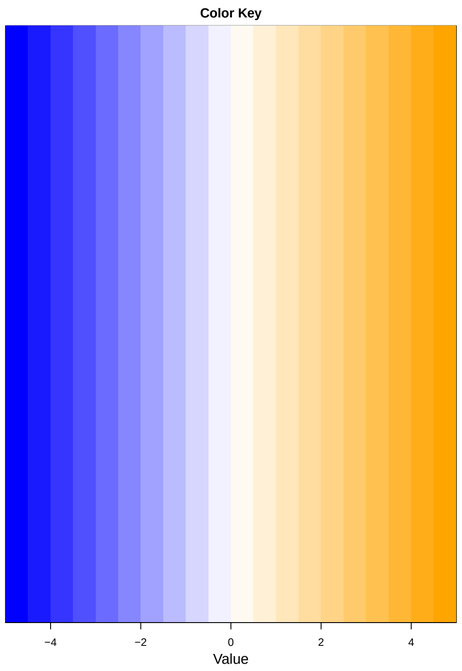

Color Key
−4
−2
0
2
4
Value


KEGG_NEUROACTIVE_LIGAND_RECEPTOR_INTERACTION
KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADATION
REACTOME_CYTOSOLIC_TRNA_AMINOACYLATION
KEGG_FATTY_ACID_METABOLISM
KEGG_AMINOACYL_TRNA_BIOSYNTHESIS
REACTOME_TRNA_AMINOACYLATION
PID_HIF1_TFPATHWAY
REACTOME_AMINO_ACID_SYNTHESIS_AND_INTERCONVERSION_TRANSAMINATION
KEGG_ARGININE_AND_PROLINE_METABOLISM
PID_INTEGRIN2_PATHWAY
KEGG_PROPANOATE_METABOLISM
KEGG_BUTANOATE_METABOLISM
REACTOME_PURINE_METABOLISM
REACTOME_DEPOSITION_OF_NEW_CENPA_CONTAINING_NUCLEOSOMES_AT_THE_CENTROMERE
REACTOME_MEIOTIC_SYNAPSIS
REACTOME_MEIOTIC_RECOMBINATION
REACTOME_TELOMERE_MAINTENANCE
REACTOME_RNA_POL_I_PROMOTER_OPENING
REACTOME_PACKAGING_OF_TELOMERE_ENDS
REACTOME_HOMOLOGOUS_RECOMBINATION_REPAIR_OF_REPLICATION_INDEPENDENT_DOUBLE_STRAND_BREAKS
REACTOME_DOUBLE_STRAND_BREAK_REPAIR
KEGG_NUCLEOTIDE_EXCISION_REPAIR
REACTOME_TRANSCRIPTION
REACTOME_M_G1_TRANSITION
KEGG_MISMATCH_REPAIR
REACTOME_SYNTHESIS_OF_DNA
REACTOME_S_PHASE
REACTOME_FANCONI_ANEMIA_PATHWAY
PID_BARD1PATHWAY
REACTOME_ACTIVATION_OF_ATR_IN_RESPONSE_TO_REPLICATION_STRESS
REACTOME_EXTENSION_OF_TELOMERES
KEGG_DNA_REPLICATION
REACTOME_LAGGING_STRAND_SYNTHESIS
REACTOME_NUCLEOTIDE_EXCISION_REPAIR
REACTOME_ACTIVATION_OF_THE_PRE_REPLICATIVE_COMPLEX
REACTOME_TRANSCRIPTION_COUPLED_NER_TC_NER
REACTOME_DNA_REPAIR
REACTOME_GLOBAL_GENOMIC_NER_GG_NER
REACTOME_RNA_POL_I_RNA_POL_III_AND_MITOCHONDRIAL_TRANSCRIPTION
REACTOME_DNA_STRAND_ELONGATION
REACTOME_CHROMOSOME_MAINTENANCE
REACTOME_MEIOSIS
REACTOME_RNA_POL_I_TRANSCRIPTION
REACTOME_DEADENYLATION_DEPENDENT_MRNA_DECAY
BIOCARTA_BCELLSURVIVAL_PATHWAY
REACTOME_CLASS_I_MHC_MEDIATED_ANTIGEN_PROCESSING_PRESENTATION
REACTOME_ANTIGEN_PROCESSING_UBIQUITINATION_PROTEASOME_DEGRADATION
REACTOME_SIGNALING_BY_THE_B_CELL_RECEPTOR_BCR
KEGG_RNA_DEGRADATION
REACTOME_DOWNSTREAM_SIGNALING_EVENTS_OF_B_CELL_RECEPTOR_BCR
REACTOME_SIGNALING_BY_WNT
REACTOME_ACTIVATION_OF_NF_KAPPAB_IN_B_CELLS
KEGG_SNARE_INTERACTIONS_IN_VESICULAR_TRANSPORT
REACTOME_P53_DEPENDENT_G1_DNA_DAMAGE_RESPONSE
REACTOME_RNA_POL_II_TRANSCRIPTION_PRE_INITIATION_AND_PROMOTER_OPENING
REACTOME_CELL_CYCLE
KEGG_CELL_CYCLE
REACTOME_CELL_CYCLE_MITOTIC
PID_ATR_PATHWAY
PID_FANCONI_PATHWAY
REACTOME_DNA_REPLICATION
REACTOME_MITOTIC_M_M_G1_PHASES
REACTOME_G2_M_CHECKPOINTS
REACTOME_REGULATION_OF_MITOTIC_CELL_CYCLE
REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION
REACTOME_CELL_CYCLE_CHECKPOINTS
REACTOME_MITOTIC_G1_G1_S_PHASES
REACTOME_G1_S_TRANSITION
REACTOME_APC_C_CDH1_MEDIATED_DEGRADATION_OF_CDC20_AND_OTHER_APC_C_CDH1_TARGETED_PROTEINS_IN_LATE_MITOSIS_EARLY_G1
REACTOME_CYCLIN_E_ASSOCIATED_EVENTS_DURING_G1_S_TRANSITION_
REACTOME_APC_C_CDC20_MEDIATED_DEGRADATION_OF_MITOTIC_PROTEINS
REACTOME_SRP_DEPENDENT_COTRANSLATIONAL_PROTEIN_TARGETING_TO_MEMBRANE
REACTOME_INFLUENZA_VIRAL_RNA_TRANSCRIPTION_AND_REPLICATION
KEGG_RIBOSOME
REACTOME_METABOLISM_OF_PROTEINS
REACTOME_INFLUENZA_LIFE_CYCLE
REACTOME_FORMATION_OF_THE_TERNARY_COMPLEX_AND_SUBSEQUENTLY_THE_43S_COMPLEX
REACTOME_TRANSLATION
REACTOME_3_UTR_MEDIATED_TRANSLATIONAL_REGULATION
REACTOME_NONSENSE_MEDIATED_DECAY_ENHANCED_BY_THE_EXON_JUNCTION_COMPLEX
PID_ERA_GENOMIC_PATHWAY
REACTOME_METABOLISM_OF_MRNA
REACTOME_METABOLISM_OF_RNA
BIOCARTA_ETS_PATHWAY
REACTOME_HIV_LIFE_CYCLE
REACTOME_RNA_POL_II_TRANSCRIPTION
REACTOME_HIV_INFECTION
REACTOME_REGULATION_OF_ORNITHINE_DECARBOXYLASE_ODC
REACTOME_CDK_MEDIATED_PHOSPHORYLATION_AND_REMOVAL_OF_CDC6
REACTOME_SCF_BETA_TRCP_MEDIATED_DEGRADATION_OF_EMI1
REACTOME_ORC1_REMOVAL_FROM_CHROMATIN
REACTOME_ASSEMBLY_OF_THE_PRE_REPLICATIVE_COMPLEX
REACTOME_AUTODEGRADATION_OF_CDH1_BY_CDH1_APC_C
REACTOME_CDT1_ASSOCIATION_WITH_THE_CDC6_ORC_ORIGIN_COMPLEX
REACTOME_VIF_MEDIATED_DEGRADATION_OF_APOBEC3G
REACTOME_ER_PHAGOSOME_PATHWAY
REACTOME_ANTIGEN_PROCESSING_CROSS_PRESENTATION
KEGG_PROTEASOME
REACTOME_AUTODEGRADATION_OF_THE_E3_UBIQUITIN_LIGASE_COP1
REACTOME_INTERFERON_SIGNALING
KEGG_SMALL_CELL_LUNG_CANCER
KEGG_FOCAL_ADHESION
PID_FOXOPATHWAY
REACTOME_DEVELOPMENTAL_BIOLOGY
KEGG_PATHWAYS_IN_CANCER
KEGG_PROSTATE_CANCER
KEGG_ERBB_SIGNALING_PATHWAY
KEGG_WNT_SIGNALING_PATHWAY
KEGG_P53_SIGNALING_PATHWAY
REACTOME_CYTOKINE_SIGNALING_IN_IMMUNE_SYSTEM
KEGG_LEISHMANIA_INFECTION
REACTOME_PPARA_ACTIVATES_GENE_EXPRESSION
BIOCARTA_EPO_PATHWAY
BIOCARTA_IL2_PATHWAY
PID_PI3KCIPATHWAY
PID_FGF_PATHWAY
REACTOME_BASIGIN_INTERACTIONS
BIOCARTA_GPCR_PATHWAY
KEGG_T_CELL_RECEPTOR_SIGNALING_PATHWAY
KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY
BIOCARTA_FCER1_PATHWAY
PID_HNF3APATHWAY
PID_RHOA_REG_PATHWAY
PID_AURORA_A_PATHWAY
REACTOME_G0_AND_EARLY_G1
REACTOME_NRAGE_SIGNALS_DEATH_THROUGH_JNK
REACTOME_MITOTIC_PROMETAPHASE
PID_AURORA_B_PATHWAY
PID_PLK1_PATHWAY
REACTOME_KINESINS
KEGG_UBIQUITIN_MEDIATED_PROTEOLYSIS
REACTOME_ANTIVIRAL_MECHANISM_BY_IFN_STIMULATED_GENES
PID_VEGFR1_PATHWAY
PID_P53REGULATIONPATHWAY
PID_ERBB1_DOWNSTREAM_PATHWAY
REACTOME_SIGNALING_BY_CONSTITUTIVELY_ACTIVE_EGFR
BIOCARTA_G2_PATHWAY
PID_PI3KPLCTRKPATHWAY
REACTOME_SIGNALING_BY_EGFR_IN_CANCER
REACTOME_SHC_RELATED_EVENTS
PID_PRLSIGNALINGEVENTSPATHWAY
REACTOME_SIGNALLING_TO_RAS
PID_CXCR3PATHWAY
REACTOME_MHC_CLASS_II_ANTIGEN_PRESENTATION
KEGG_PROGESTERONE_MEDIATED_OOCYTE_MATURATION
PID_ERBB1_RECEPTOR_PROXIMAL_PATHWAY
PID_ERBB1_INTERNALIZATION_PATHWAY
REACTOME_TIE2_SIGNALING
BIOCARTA_MPR_PATHWAY
REACTOME_IL_2_SIGNALING
PID_TCPTP_PATHWAY
PID_SMAD2_3PATHWAY
BIOCARTA_GSK3_PATHWAY
PID_SHP2_PATHWAY
REACTOME_MITOTIC_G2_G2_M_PHASES
KEGG_PATHOGENIC_ESCHERICHIA_COLI_INFECTION
REACTOME_G1_S_SPECIFIC_TRANSCRIPTION
BIOCARTA_HIVNEF_PATHWAY
REACTOME_CELL_DEATH_SIGNALLING_VIA_NRAGE_NRIF_AND_NADE
PID_FASPATHWAY
KEGG_OOCYTE_MEIOSIS
BIOCARTA_CELLCYCLE_PATHWAY
PID_REELINPATHWAY
PID_IFNGPATHWAY
PID_CXCR4_PATHWAY
PID_TNFPATHWAY
KEGG_REGULATION_OF_ACTIN_CYTOSKELETON
BIOCARTA_ALK_PATHWAY
PID_FAK_PATHWAY
PID_EPHBFWDPATHWAY
PID_LYMPHANGIOGENESIS_PATHWAY
PID_MET_PATHWAY
PID_CDC42_PATHWAY
BIOCARTA_NFAT_PATHWAY
PID_ARF6_TRAFFICKINGPATHWAY
KEGG_GLIOMA
KEGG_LONG_TERM_POTENTIATION
BIOCARTA_TCR_PATHWAY
PID_ERBB2ERBB3PATHWAY
BIOCARTA_MET_PATHWAY
REACTOME_SIGNALING_BY_ILS
PID_PDGFRBPATHWAY
PID_HEDGEHOG_GLIPATHWAY
BIOCARTA_ERK_PATHWAY
PID_ER_NONGENOMIC_PATHWAY
REACTOME_SIGNALING_BY_FGFR_IN_DISEASE
REACTOME_DOWNSTREAM_SIGNALING_OF_ACTIVATED_FGFR
REACTOME_SIGNALING_BY_FGFR
REACTOME_SIGNALING_BY_SCF_KIT
REACTOME_DOWNSTREAM_SIGNAL_TRANSDUCTION
PID_BCR_5PATHWAY
KEGG_ENDOMETRIAL_CANCER
PID_TGFBRPATHWAY
REACTOME_SIGNALING_BY_ERBB2
REACTOME_SIGNALLING_TO_ERKS
REACTOME_YAP1_AND_WWTR1_TAZ_STIMULATED_GENE_EXPRESSION
BIOCARTA_GCR_PATHWAY
REACTOME_NGF_SIGNALLING_VIA_TRKA_FROM_THE_PLASMA_MEMBRANE
REACTOME_SIGNALLING_BY_NGF
REACTOME_SIGNALING_BY_PDGF
KEGG_CHEMOKINE_SIGNALING_PATHWAY
REACTOME_G_ALPHA_I_SIGNALLING_EVENTS
BIOCARTA_NKT_PATHWAY
REACTOME_CLASS_A1_RHODOPSIN_LIKE_RECEPTORS
REACTOME_GPCR_LIGAND_BINDING
KEGG_STEROID_BIOSYNTHESIS
KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION
REACTOME_CHOLESTEROL_BIOSYNTHESIS
KEGG_EPITHELIAL_CELL_SIGNALING_IN_HELICOBACTER_PYLORI_INFECTION
REACTOME_SLC_MEDIATED_TRANSMEMBRANE_TRANSPORT
KEGG_ENDOCYTOSIS
REACTOME_METABOLISM_OF_LIPIDS_AND_LIPOPROTEINS
PID_ATF2_PATHWAY
KEGG_ARACHIDONIC_ACID_METABOLISM
PID_FRA_PATHWAY
KEGG_MAPK_SIGNALING_PATHWAY
BIOCARTA_PPARA_PATHWAY
PID_NFAT_TFPATHWAY
REACTOME_AMINO_ACID_AND_OLIGOPEPTIDE_SLC_TRANSPORTERS
PID_P53DOWNSTREAMPATHWAY
REACTOME_NUCLEAR_SIGNALING_BY_ERBB4
REACTOME_TRANSMEMBRANE_TRANSPORT_OF_SMALL_MOLECULES
BIOCARTA_CARDIACEGF_PATHWAY
REACTOME_REGULATION_OF_MRNA_STABILITY_BY_PROTEINS_THAT_BIND_AU_RICH_ELEMENTS
KEGG_SPLICEOSOME
REACTOME_DESTABILIZATION_OF_MRNA_BY_AUF1_HNRNP_D0
BIOCARTA_LAIR_PATHWAY
BIOCARTA_CYTOKINE_PATHWAY
REACTOME_BIOLOGICAL_OXIDATIONS
REACTOME_PHASE1_FUNCTIONALIZATION_OF_COMPOUNDS
KEGG_STEROID_HORMONE_BIOSYNTHESIS
KEGG_METABOLISM_OF_XENOBIOTICS_BY_CYTOCHROME_P450
PID_LYSOPHOSPHOLIPID_PATHWAY
PID_S1P_S1P1_PATHWAY
PID_P38ALPHABETADOWNSTREAMPATHWAY
PID_TCRCALCIUMPATHWAY
BIOCARTA_CDMAC_PATHWAY
PID_REG_GR_PATHWAY
REACTOME_AMINO_ACID_TRANSPORT_ACROSS_THE_PLASMA_MEMBRANE
3R4F 0.06
3R4F 0.225
THS2.2 0.06
THS2.2 0.225
THS2.2 1.125