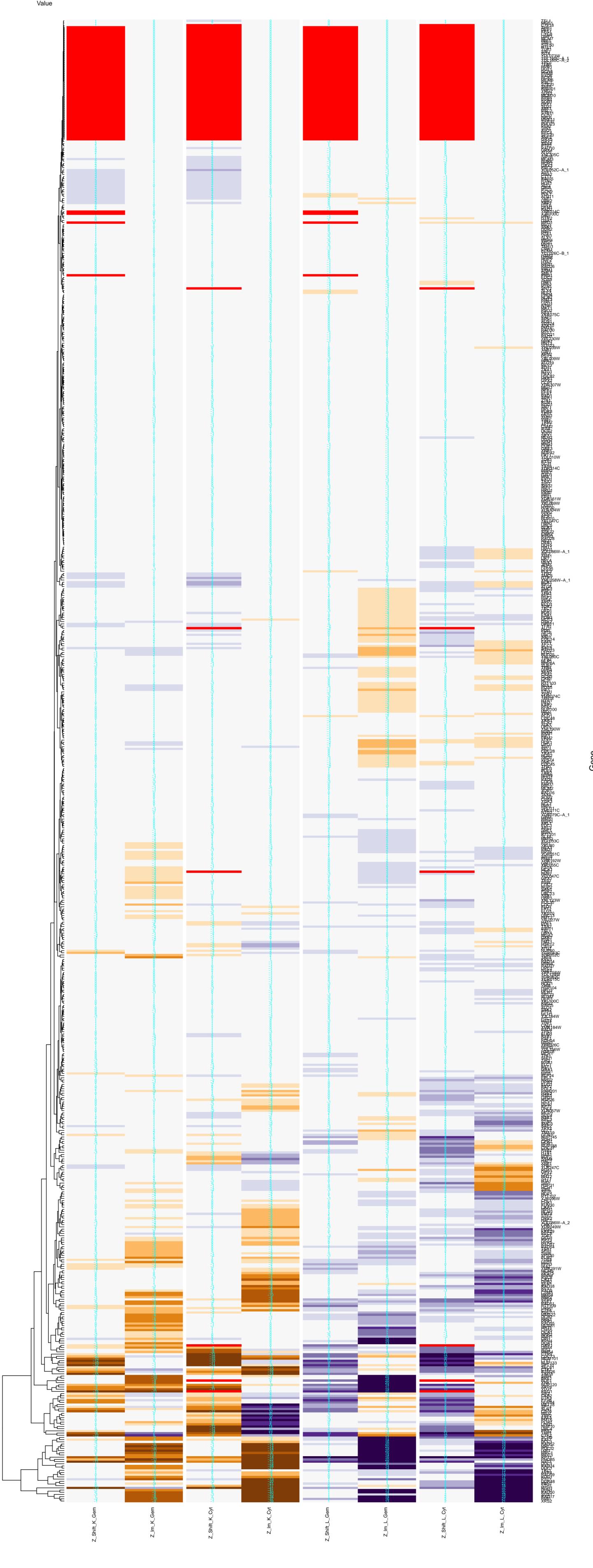
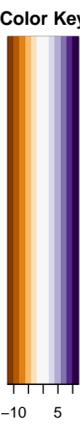
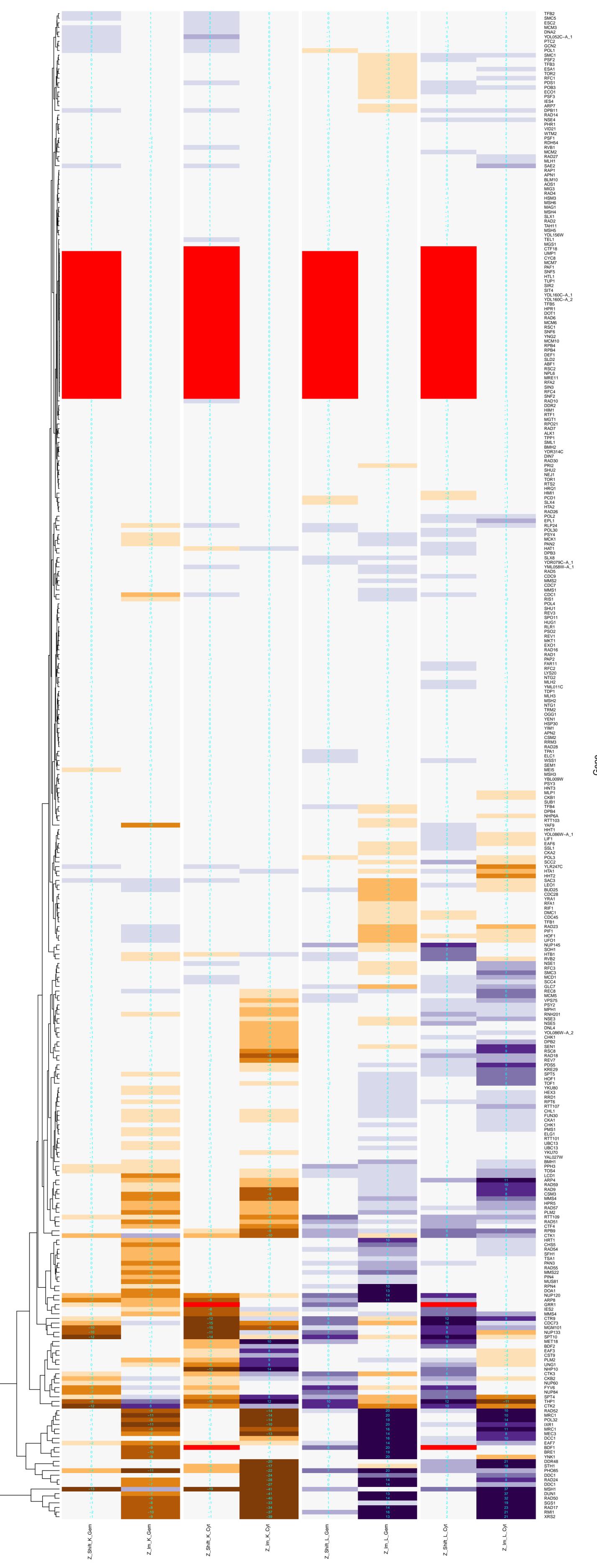


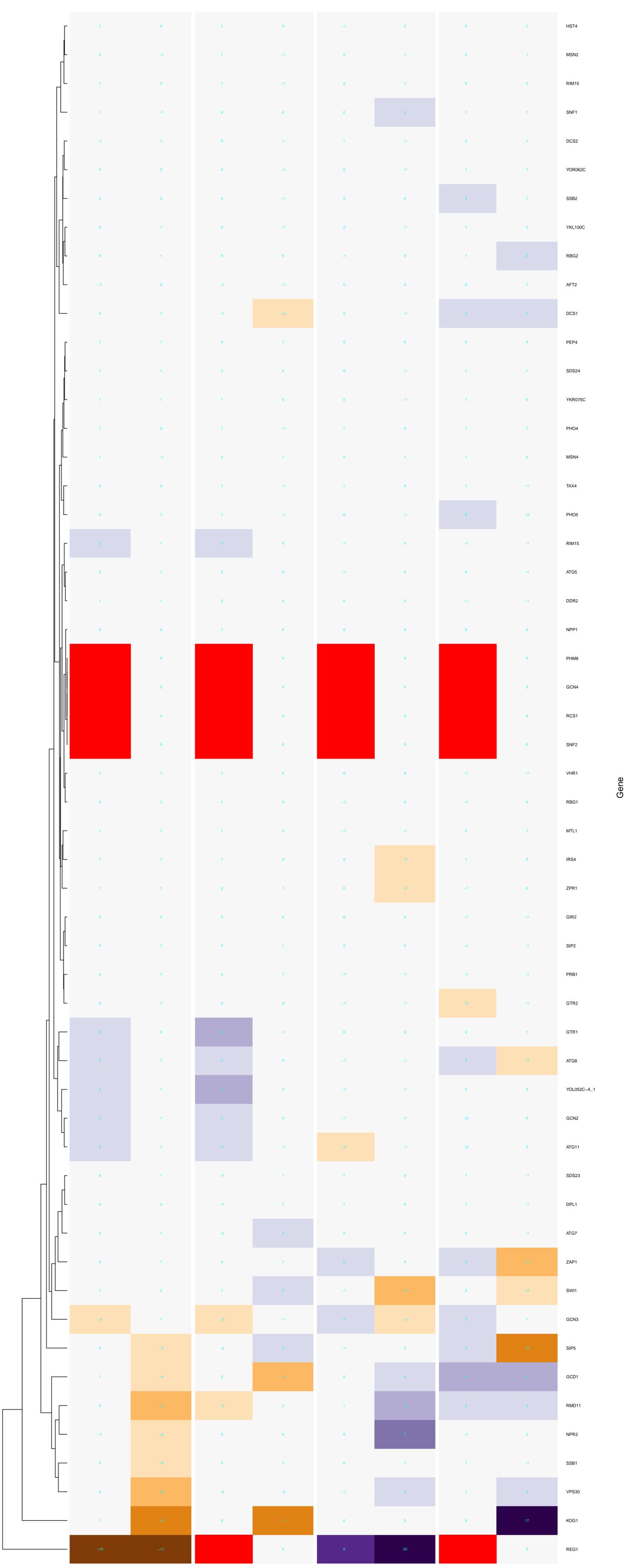
cellular response to stress



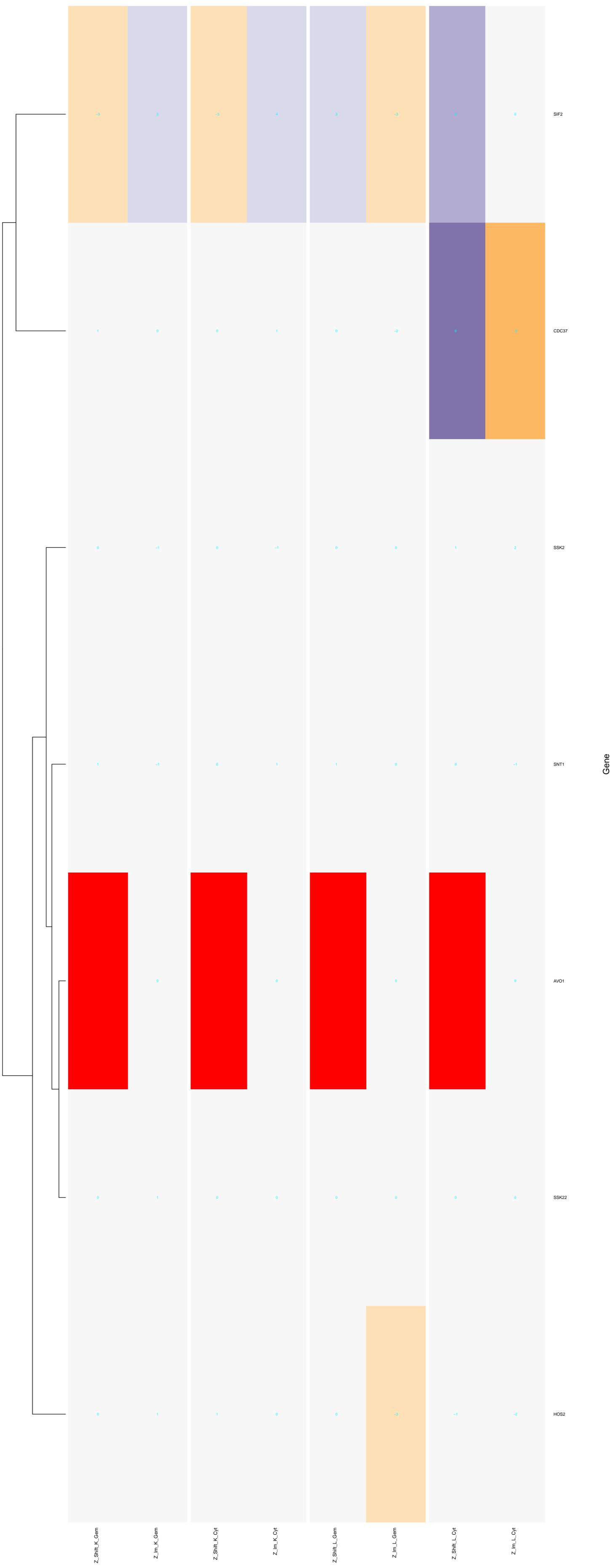
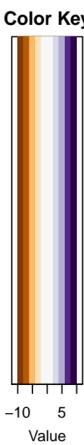
cellular response to DNA damage stimulus



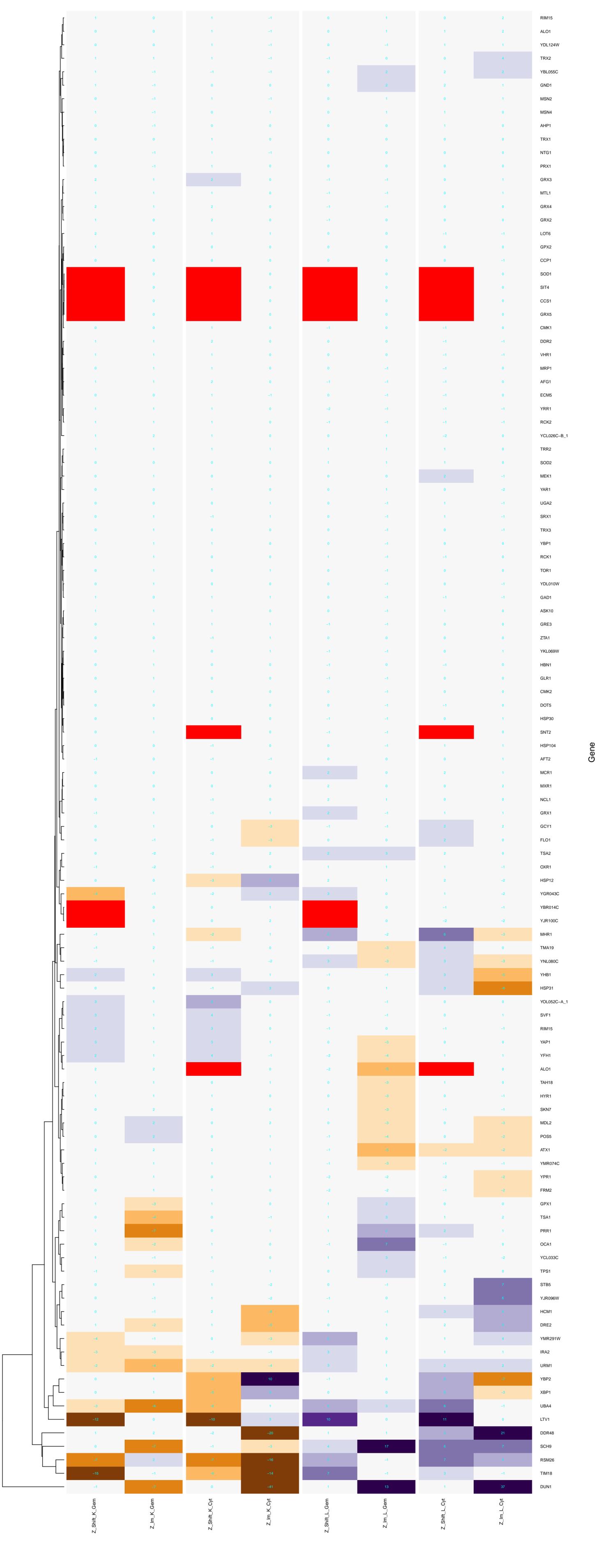
cellular response to starvation



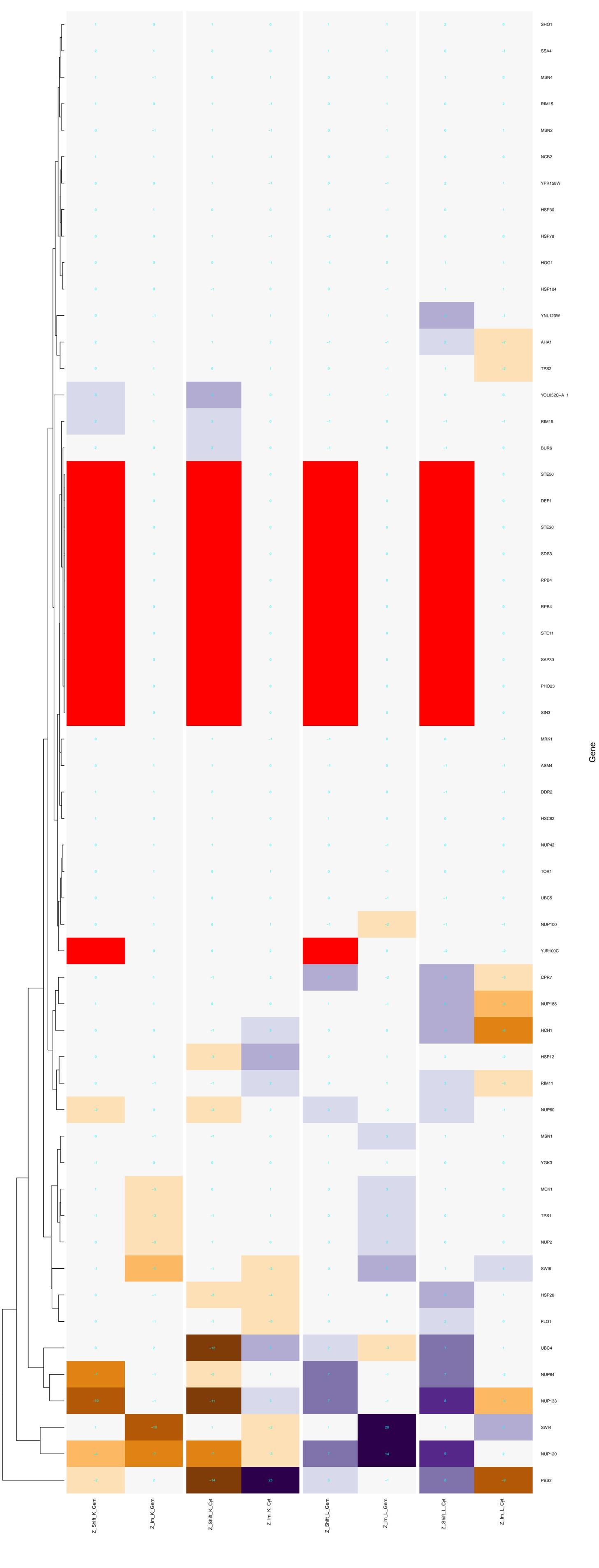
stress-activated protein kinase signaling cascade



cellular response to oxidative stress

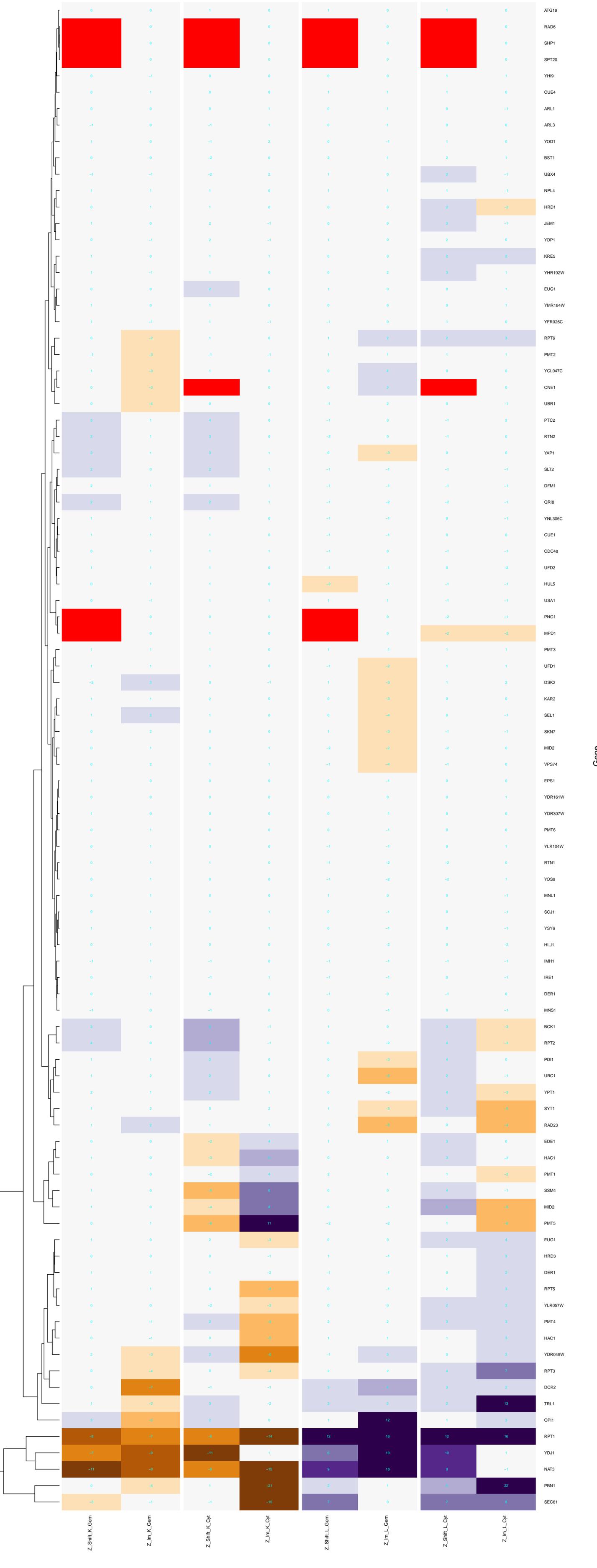


cellular response to heat

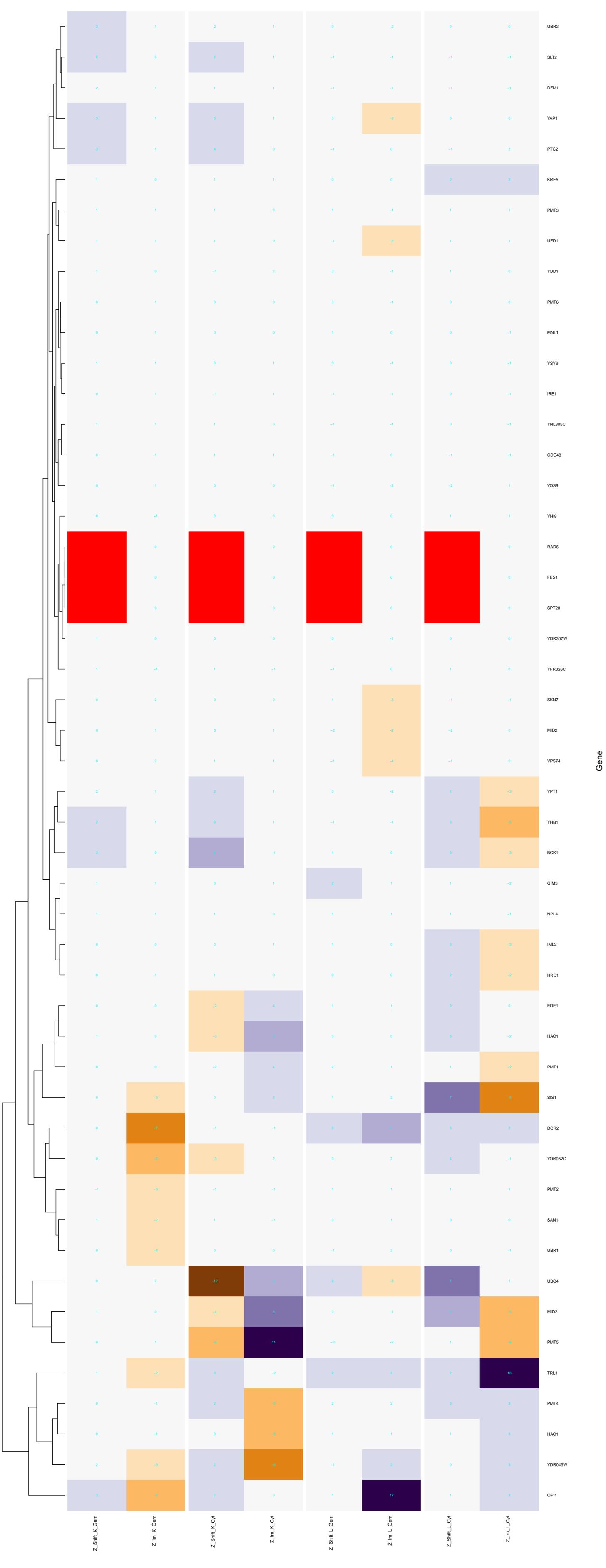
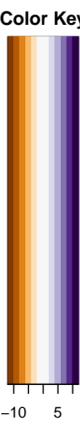


Gene

response to endoplasmic reticulum stress

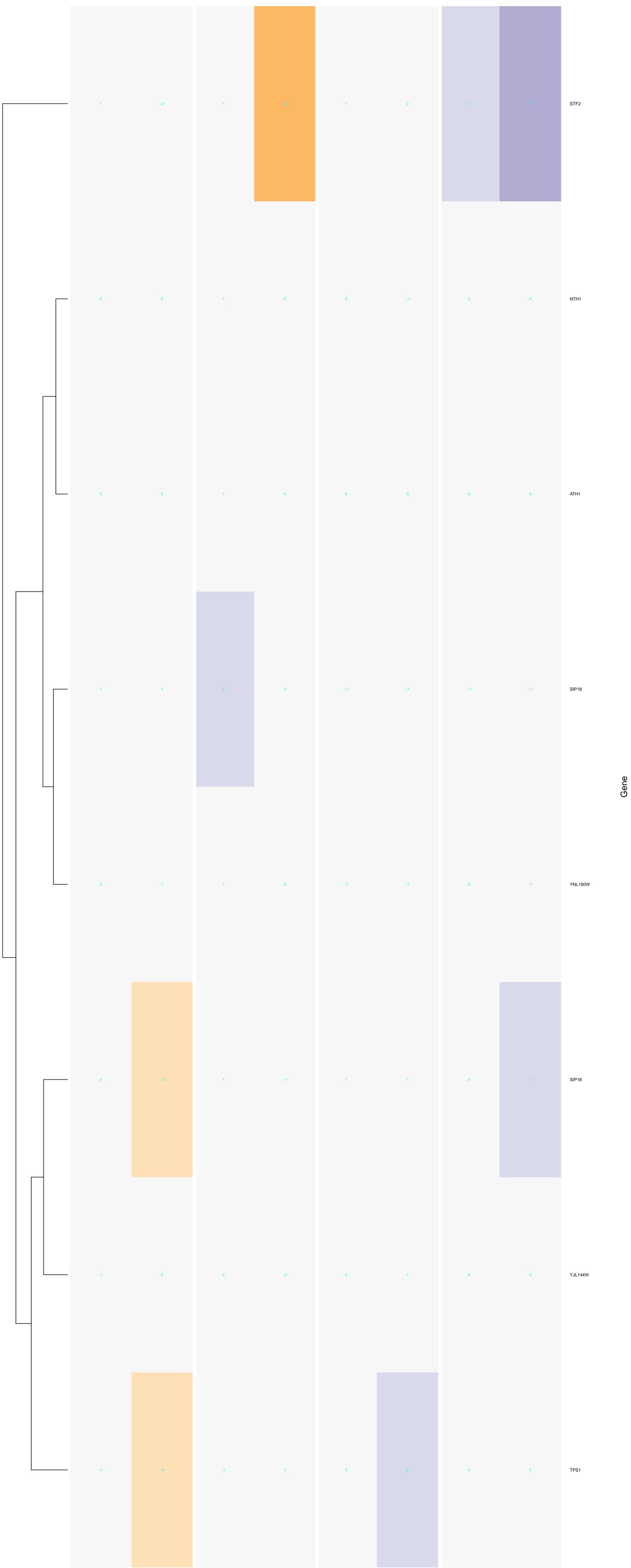
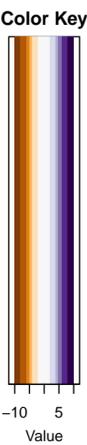


cellular response to topologically incorrect protein

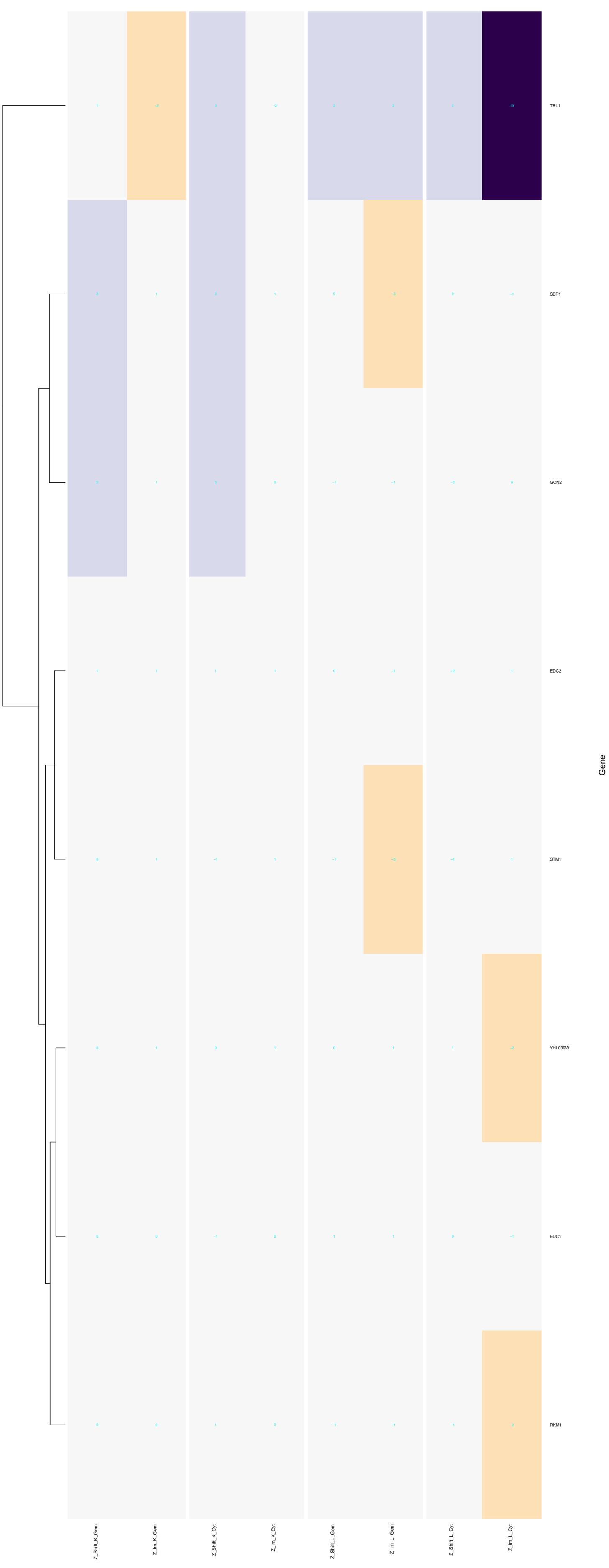


Gene

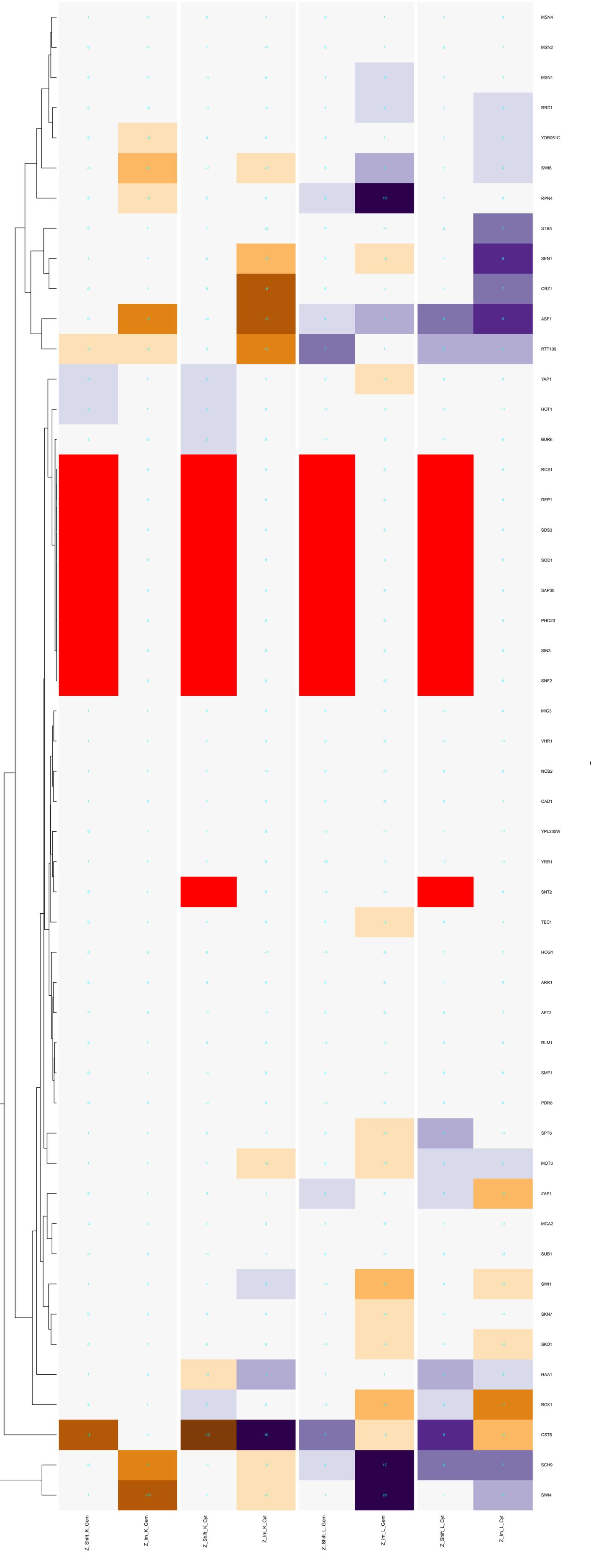
cellular response to water deprivation



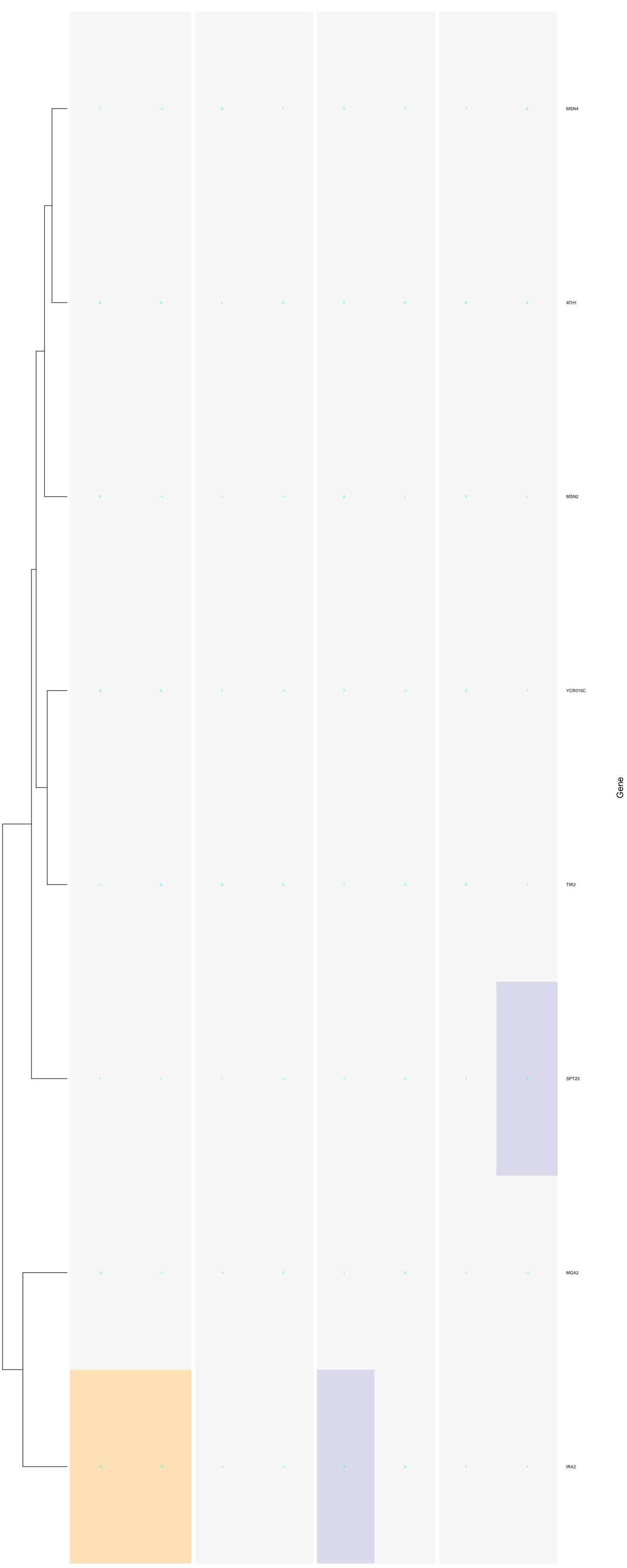
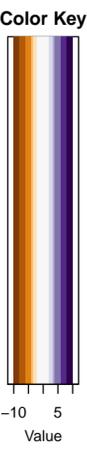
regulation of translation in response to stress



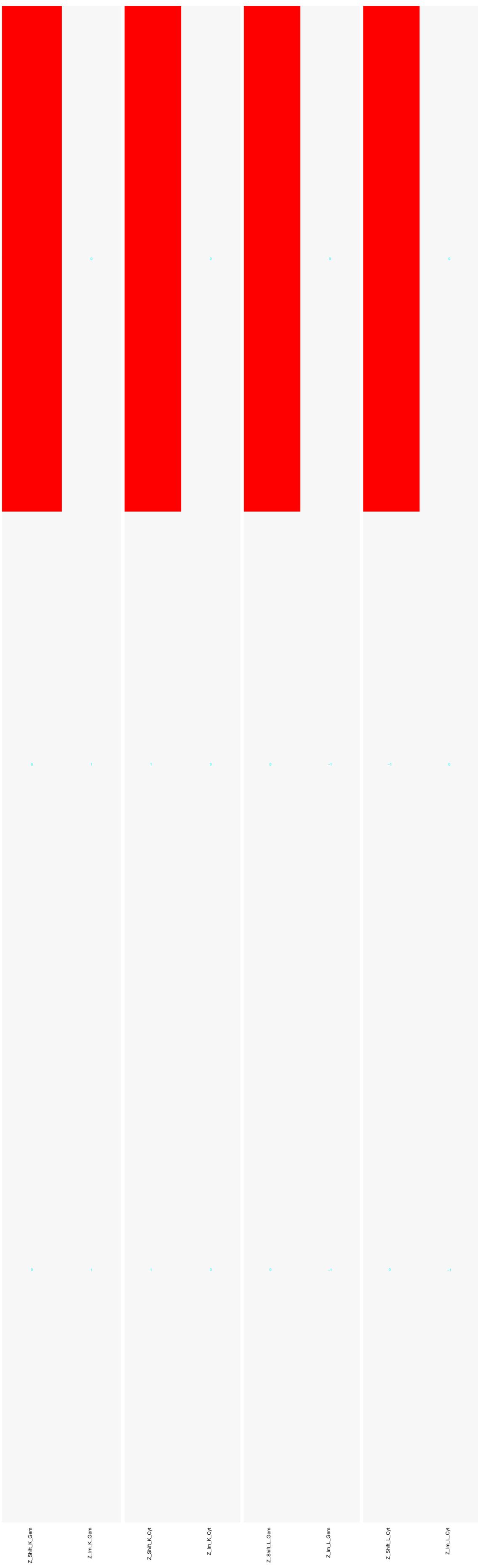
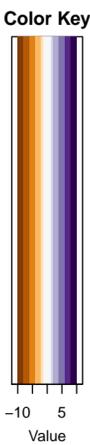
regulation of DNA-templated transcription in response to stress



cellular response to cold

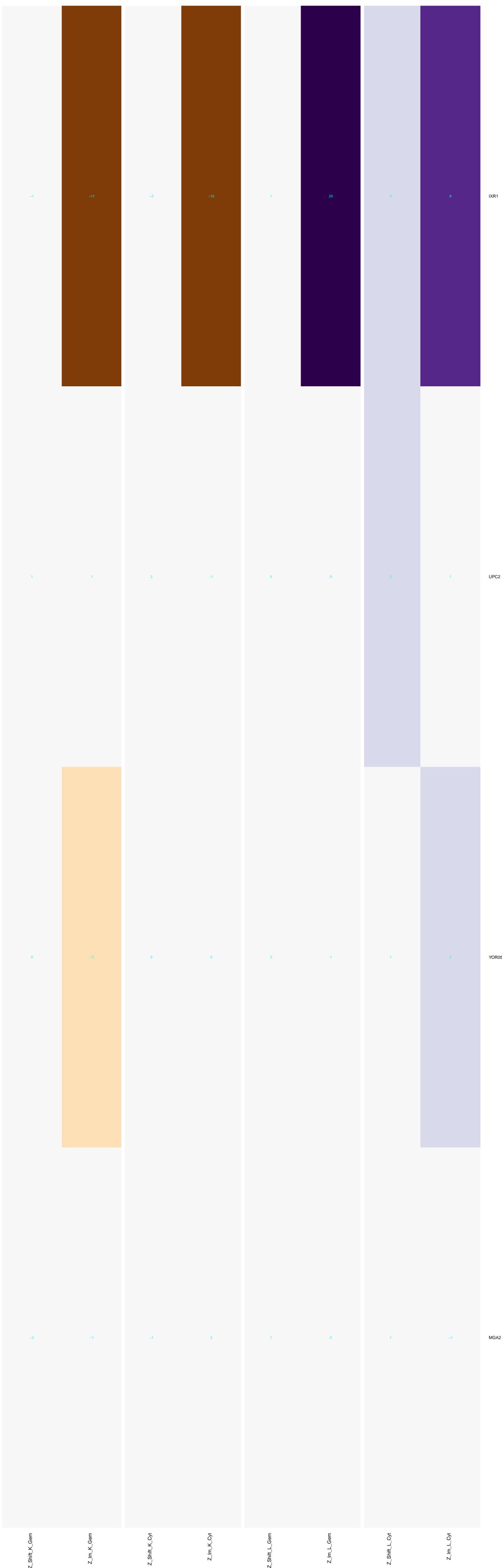
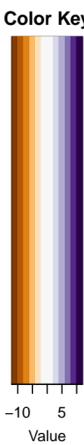


cellular response to anoxia



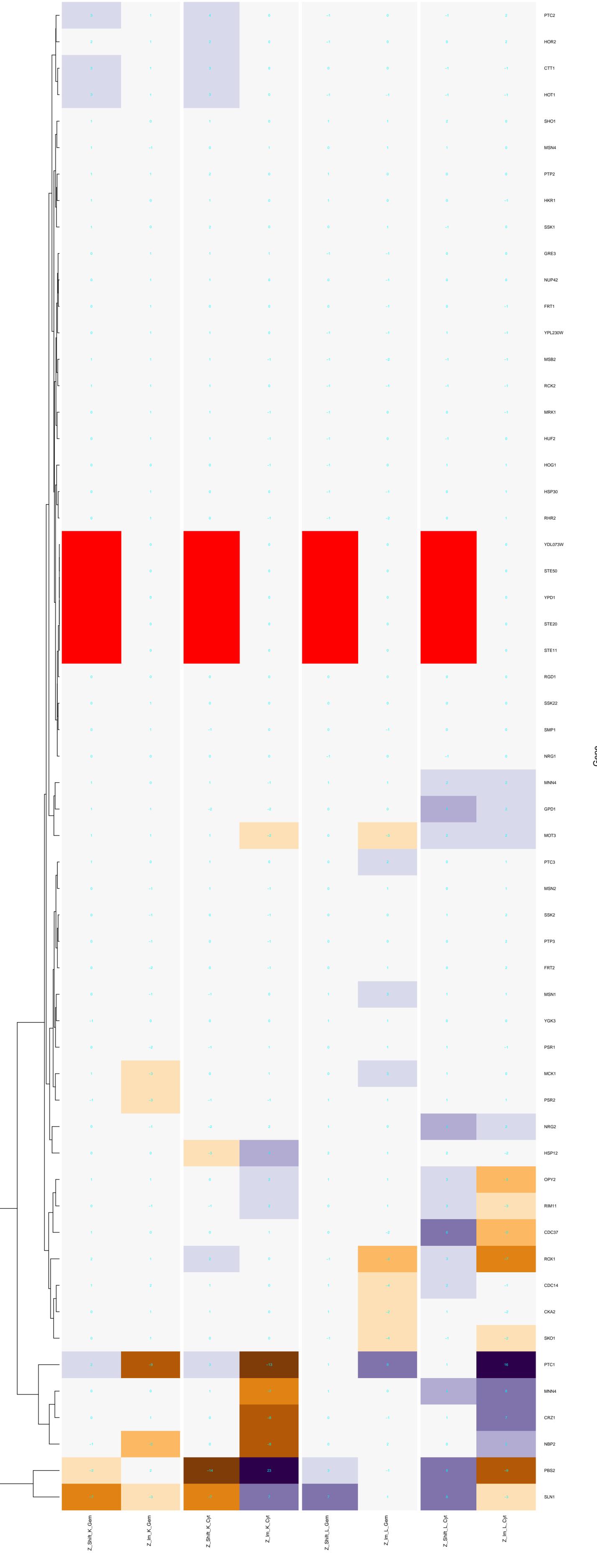
Gene

cellular response to hypoxia

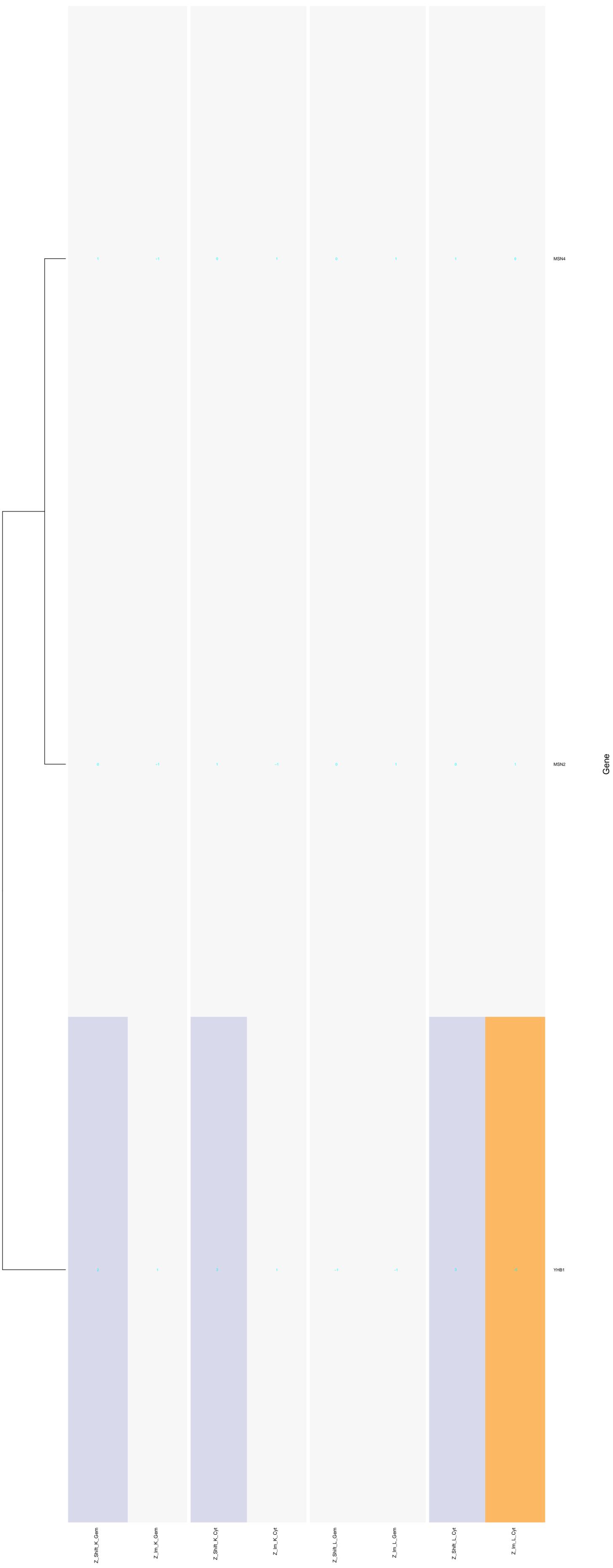
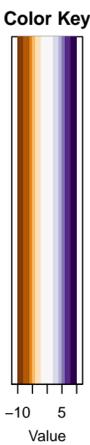


Gene

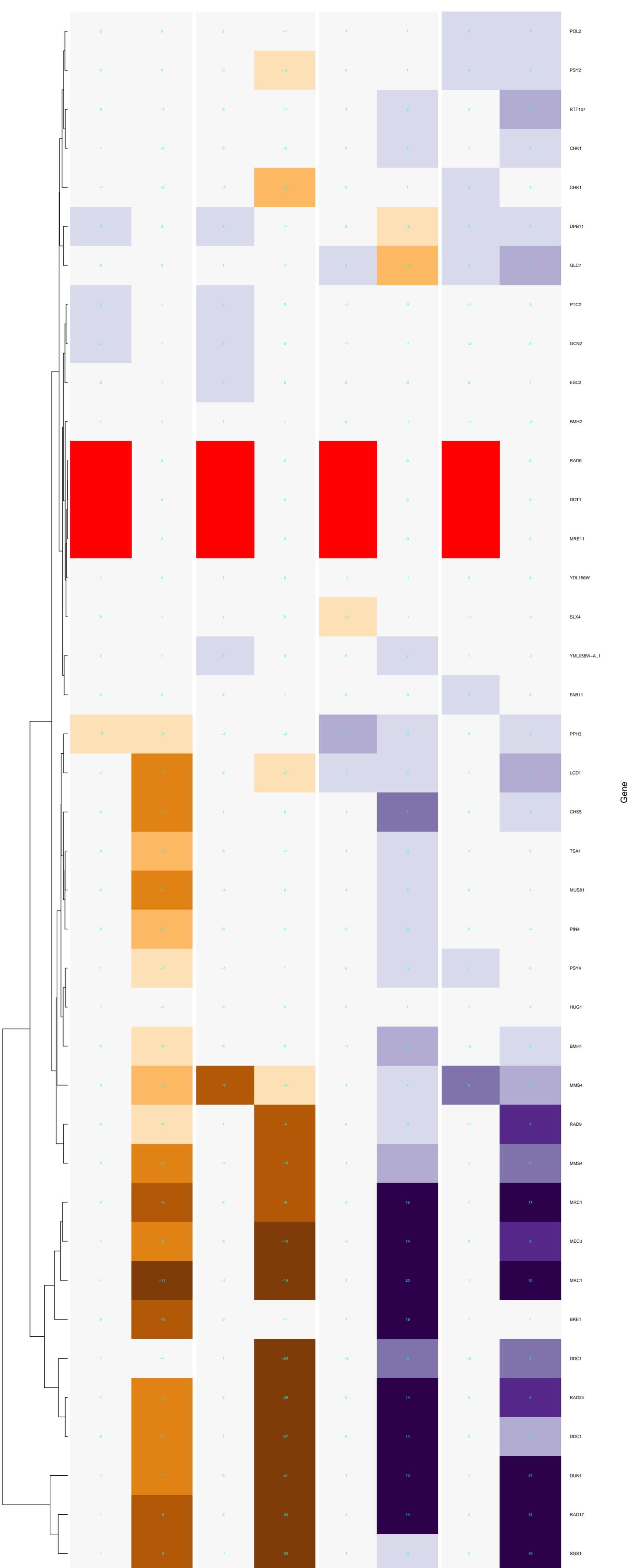
cellular response to osmotic stress



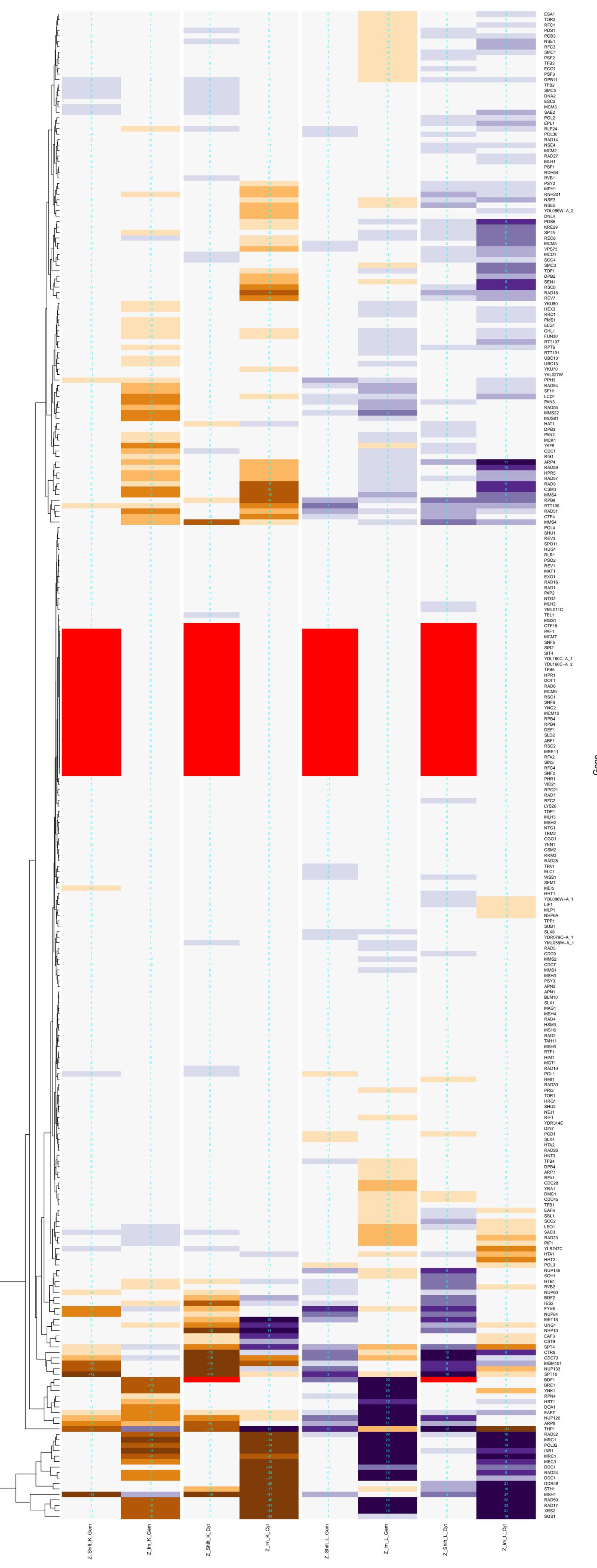
cellular response to nitrosative stress



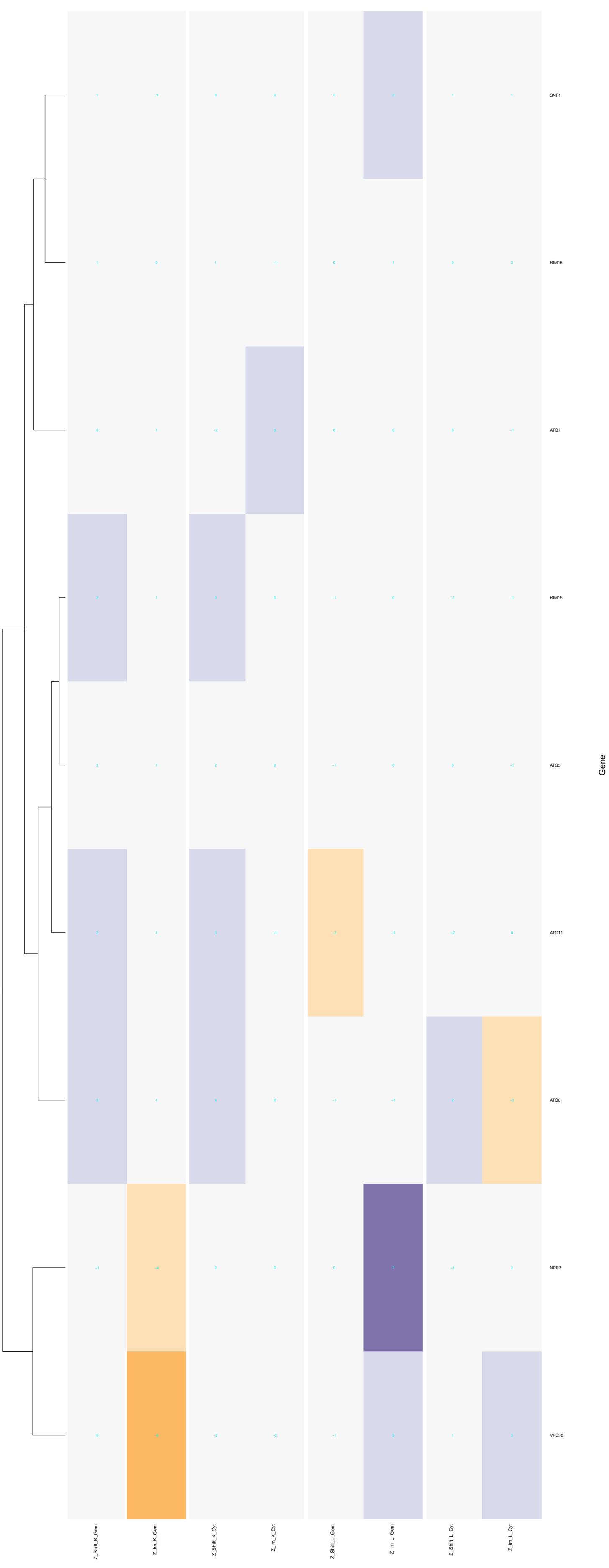
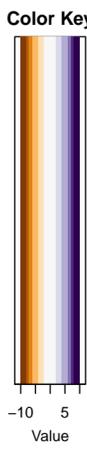
DNA damage checkpoint



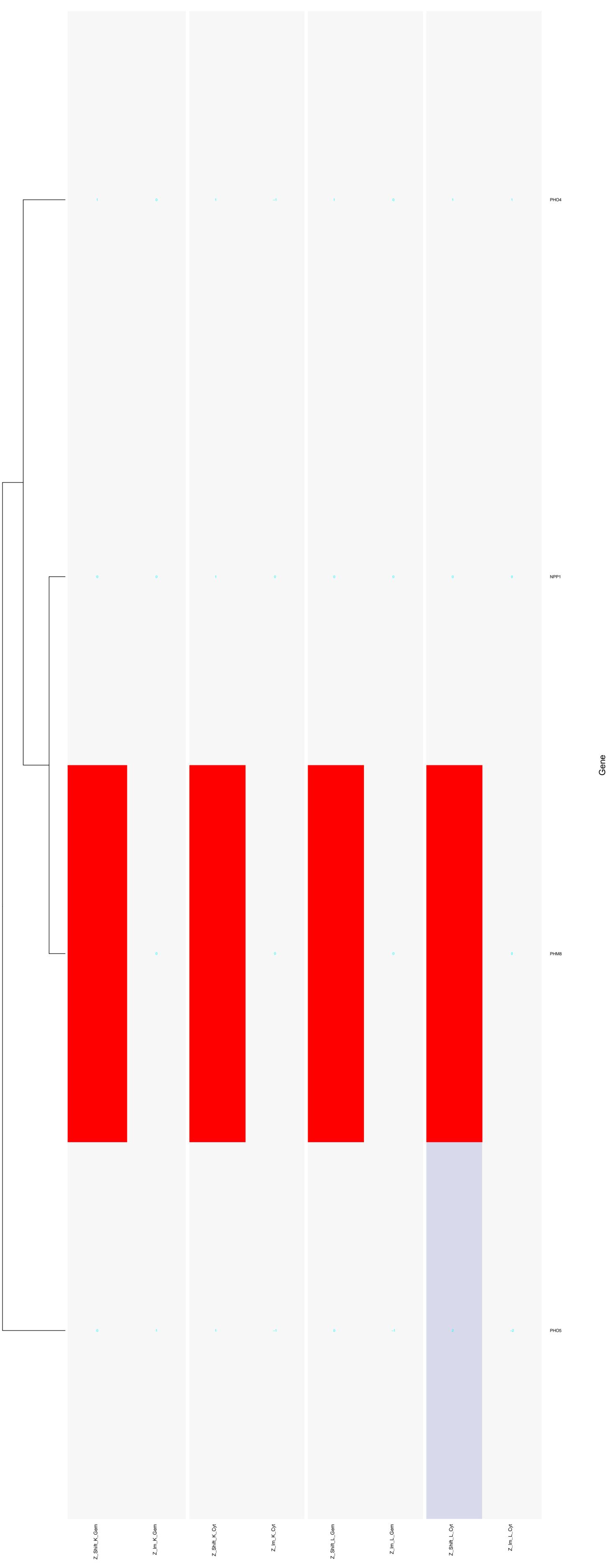
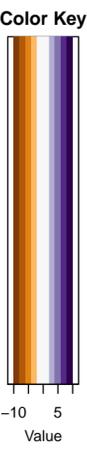
DNA repair



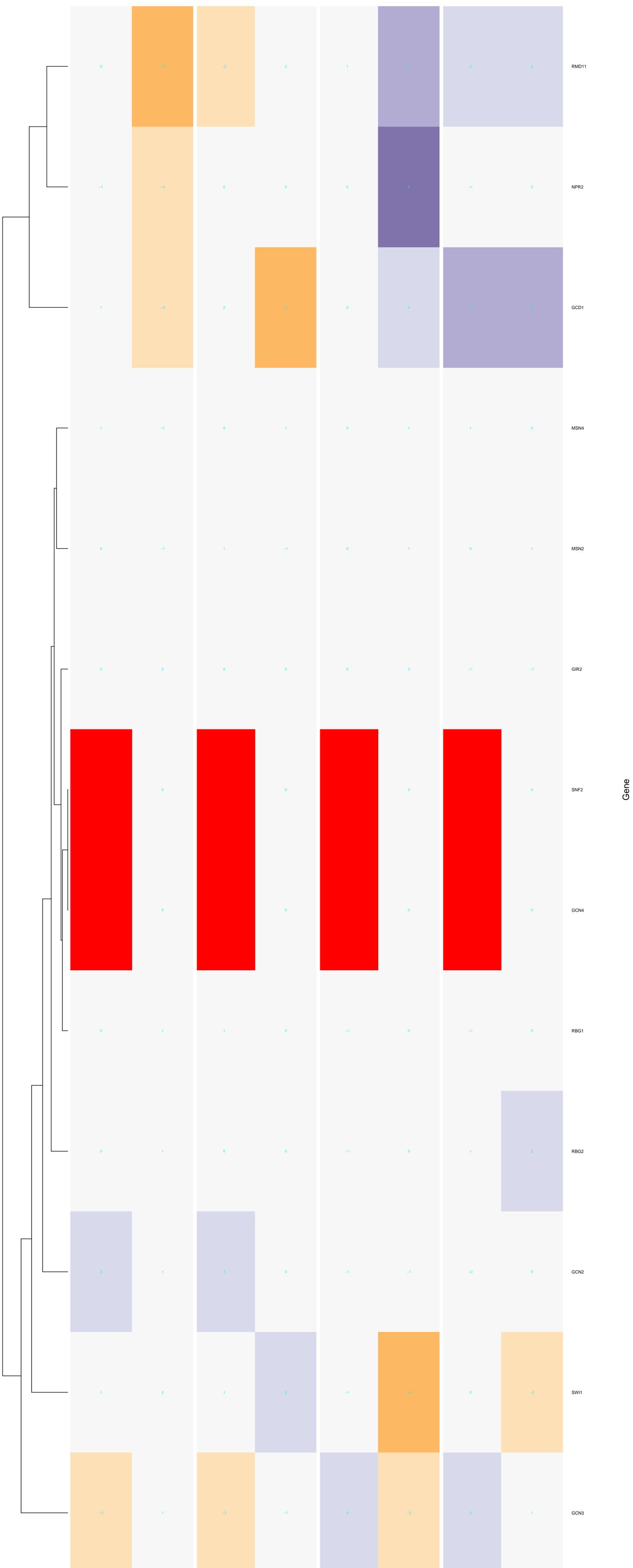
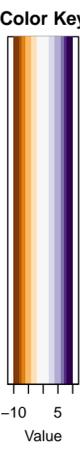
cellular response to nitrogen starvation



cellular response to phosphate starvation

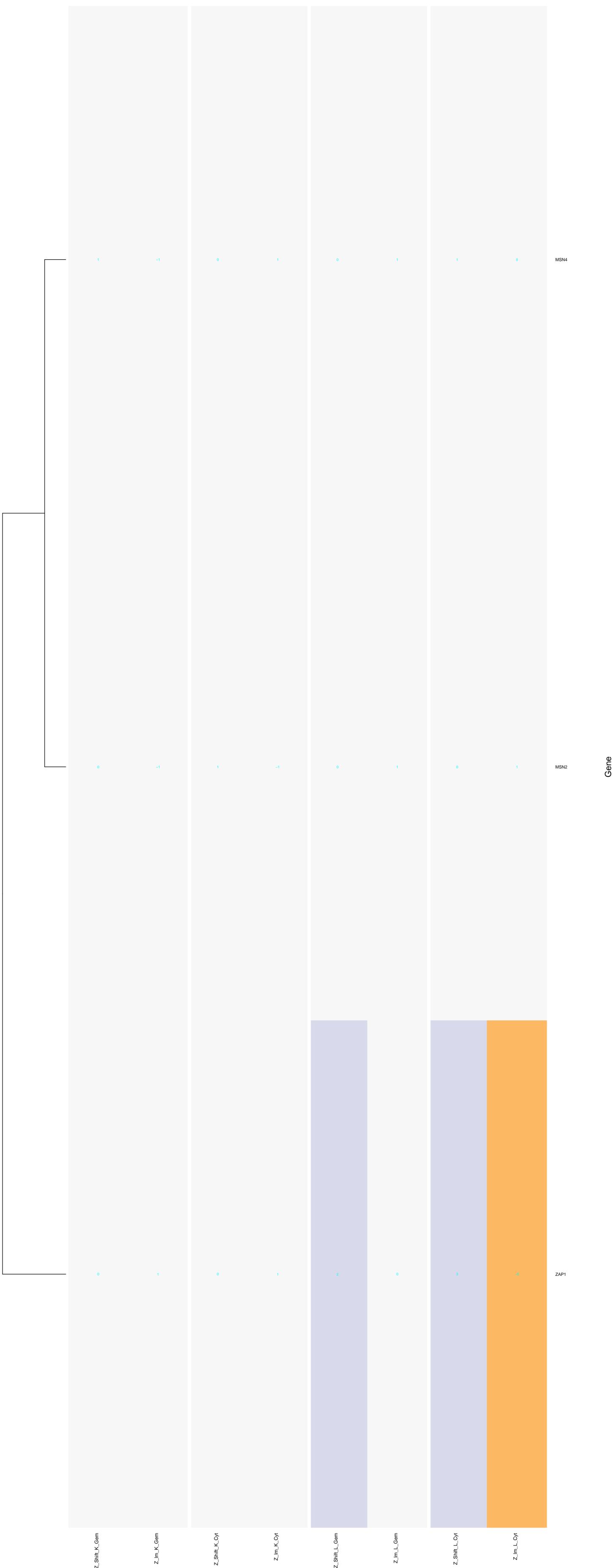
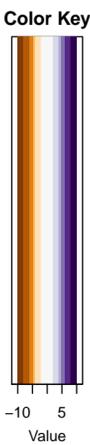


cellular response to amino acid starvation

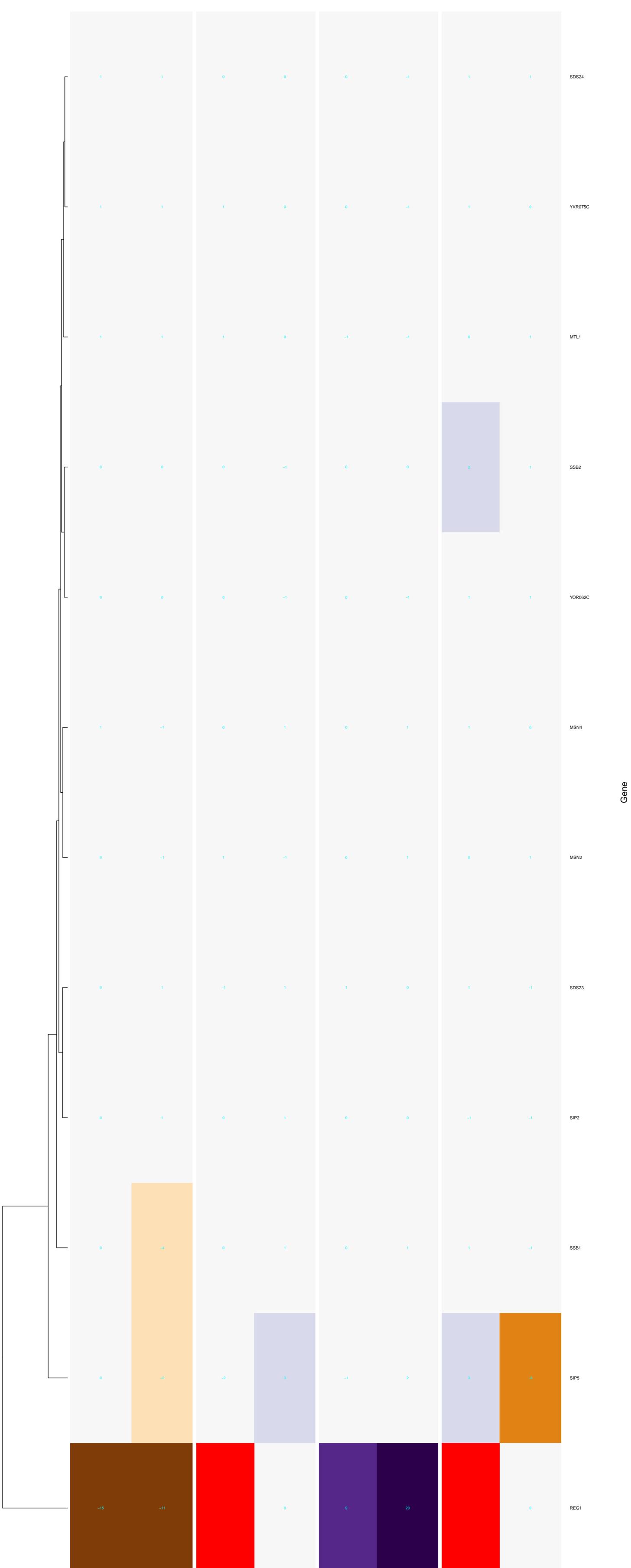
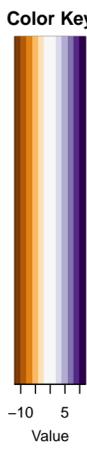


Gene

cellular response to zinc ion starvation

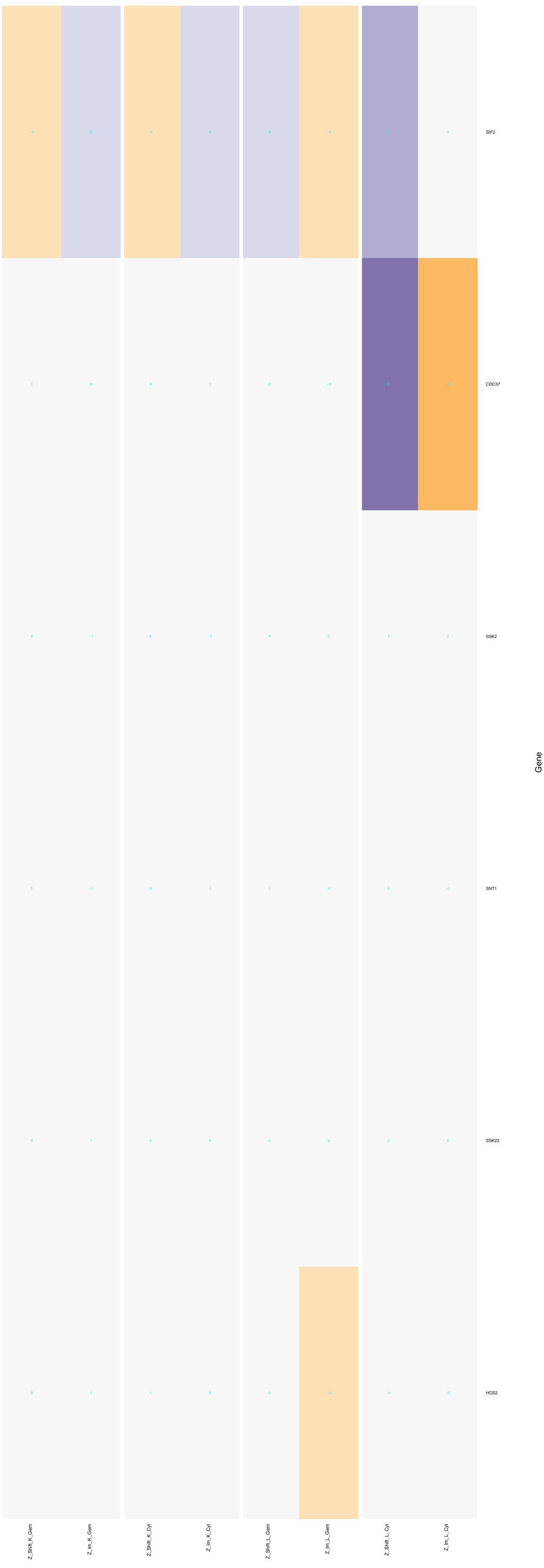
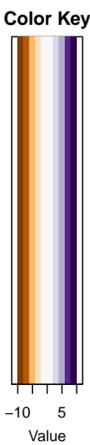


cellular response to glucose starvation

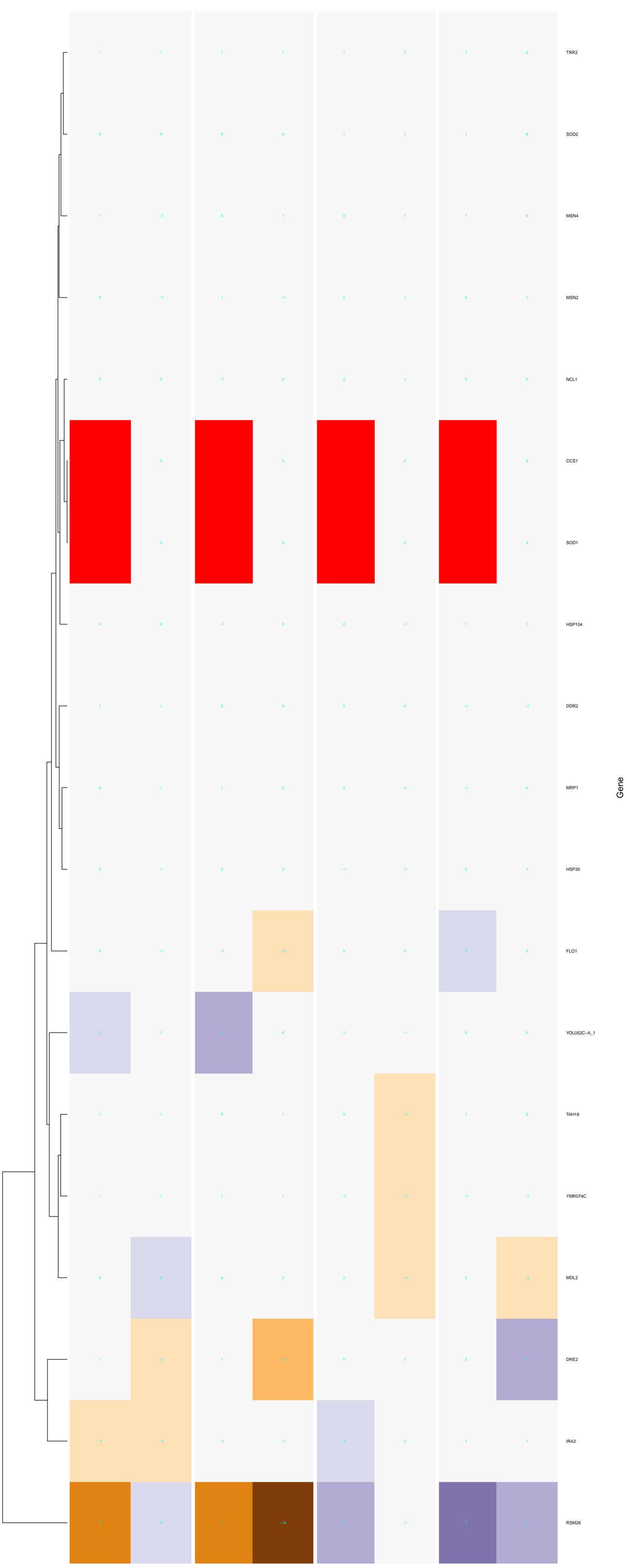
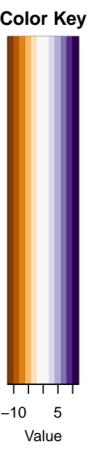


Gene

stress-activated MAPK cascade

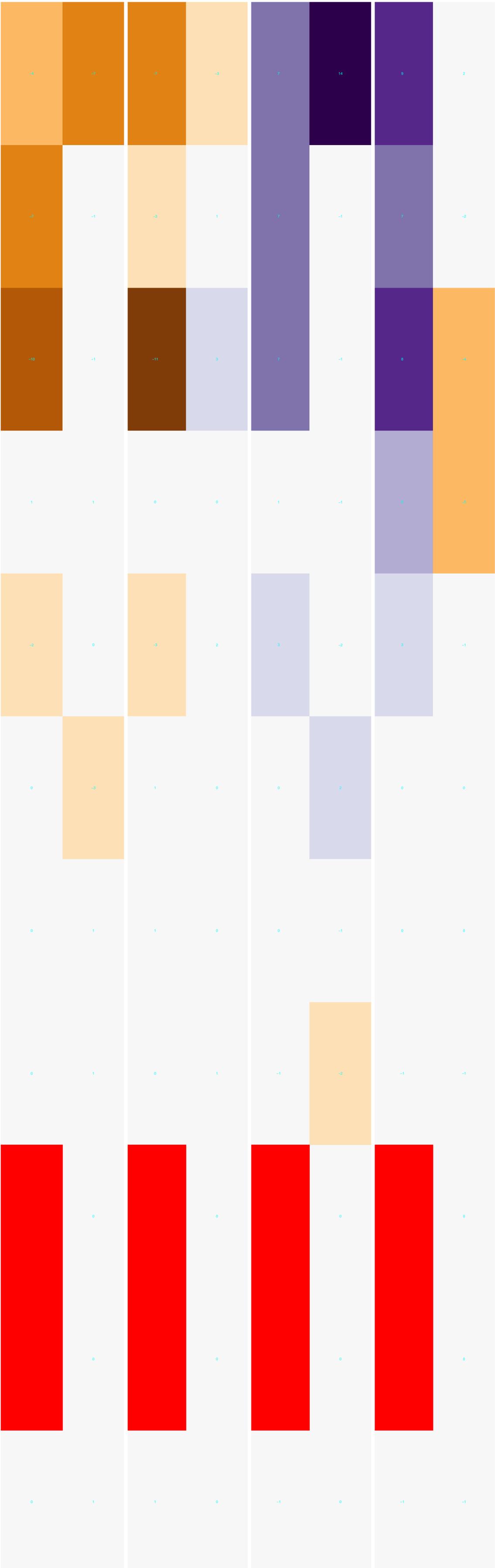
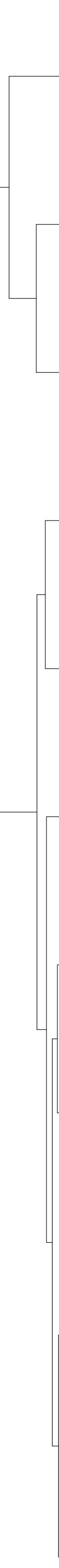


cellular response to reactive oxygen species



Gene

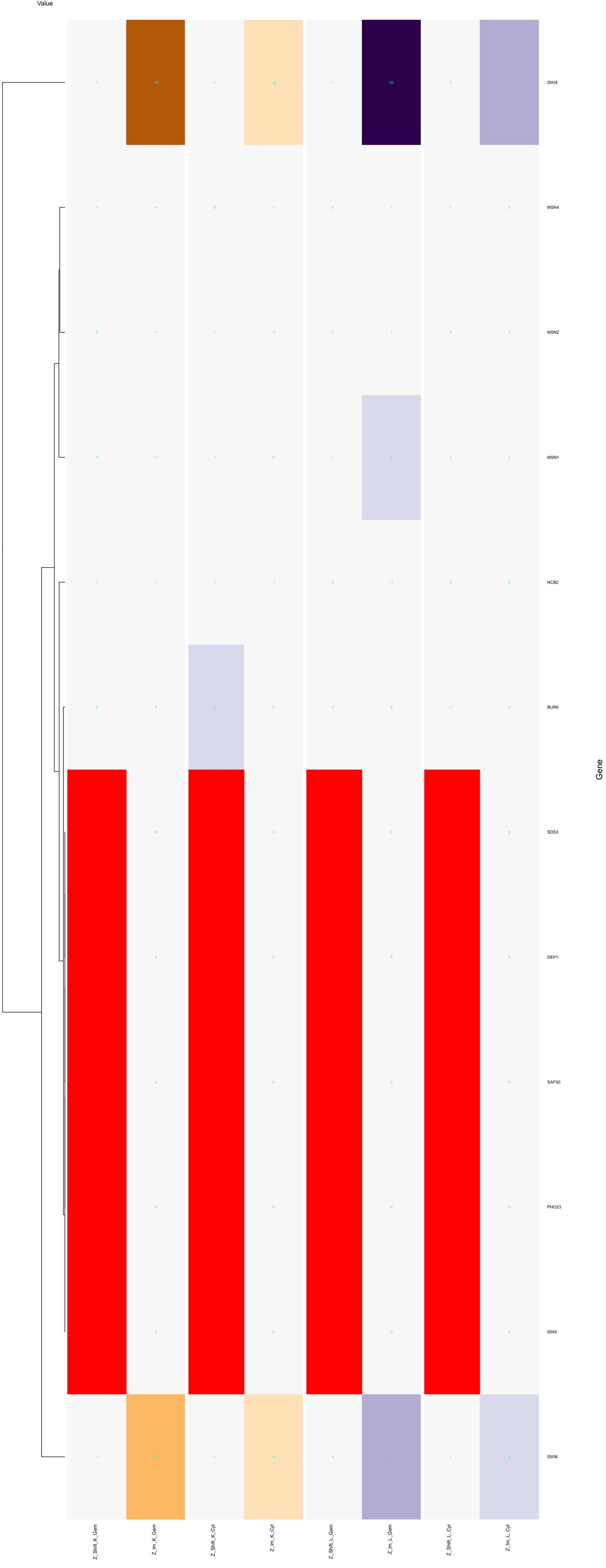
mRNA export from nucleus in response to heat stress



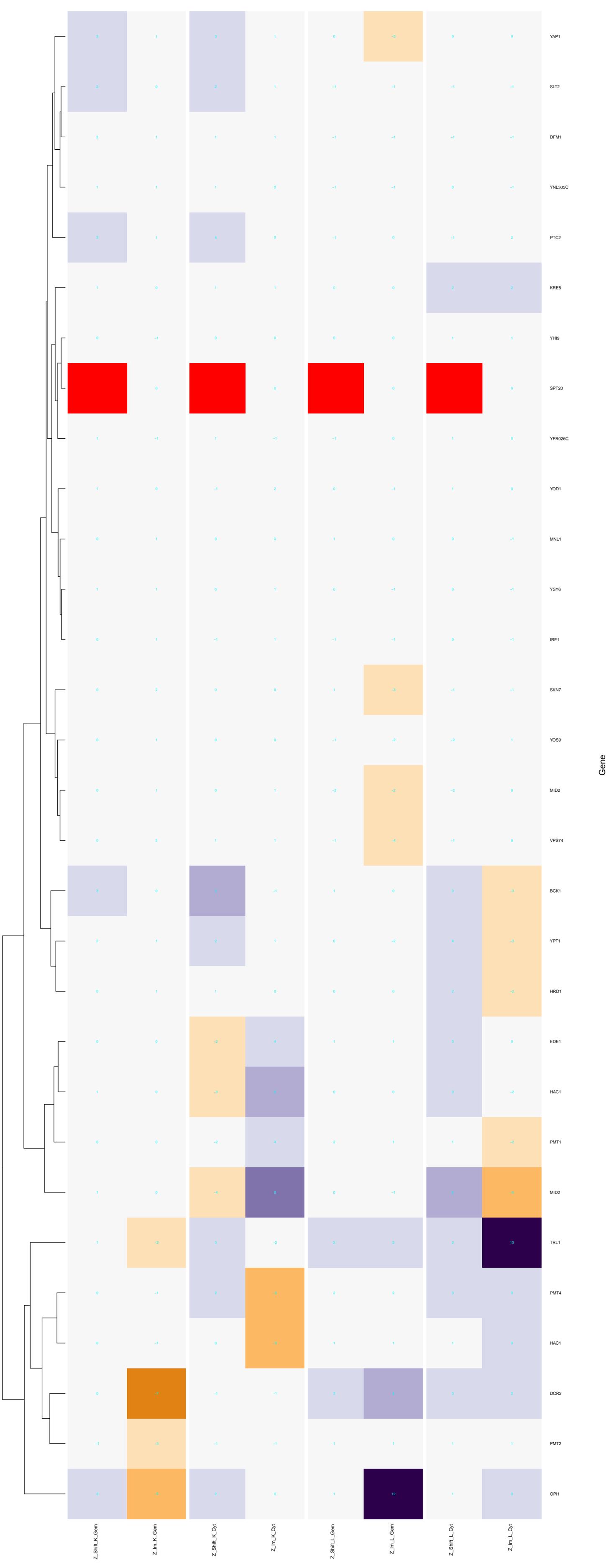
Gene



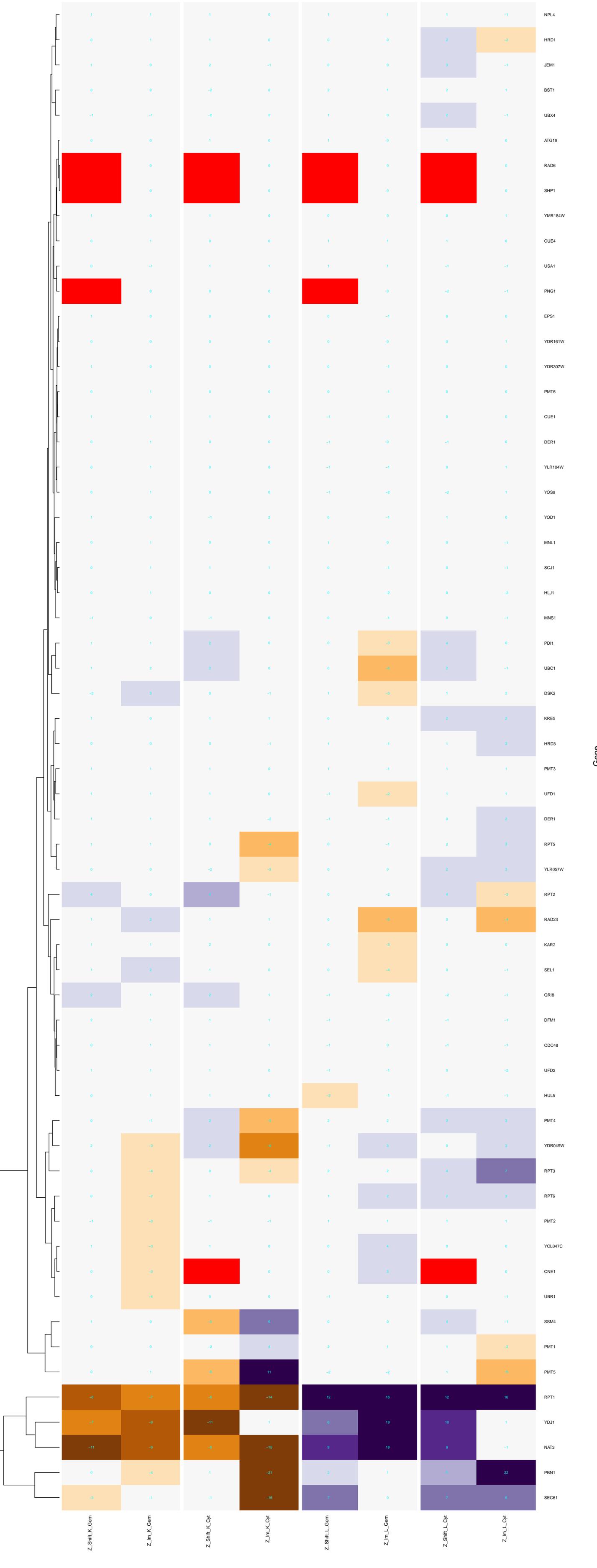
regulation of transcription from RNA polymerase II promoter in response to heat stress



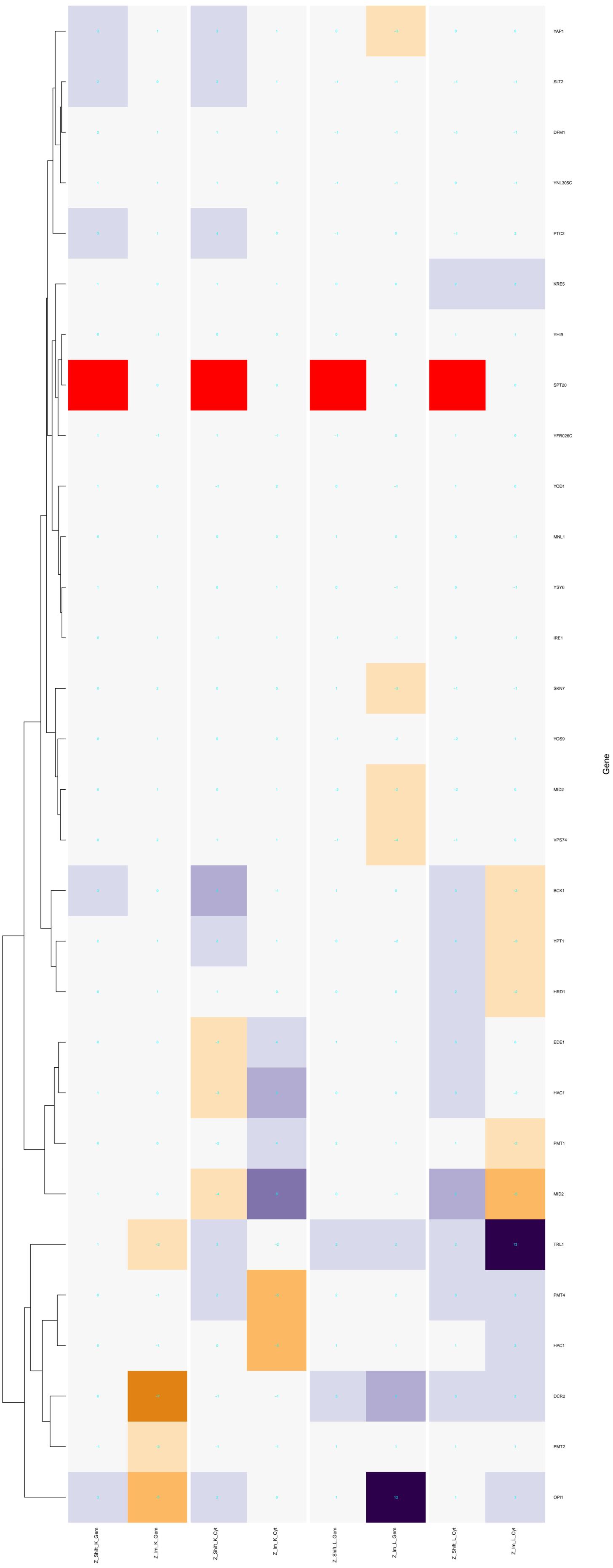
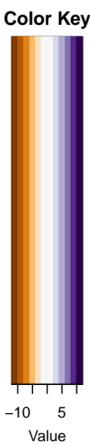
endoplasmic reticulum unfolded protein response



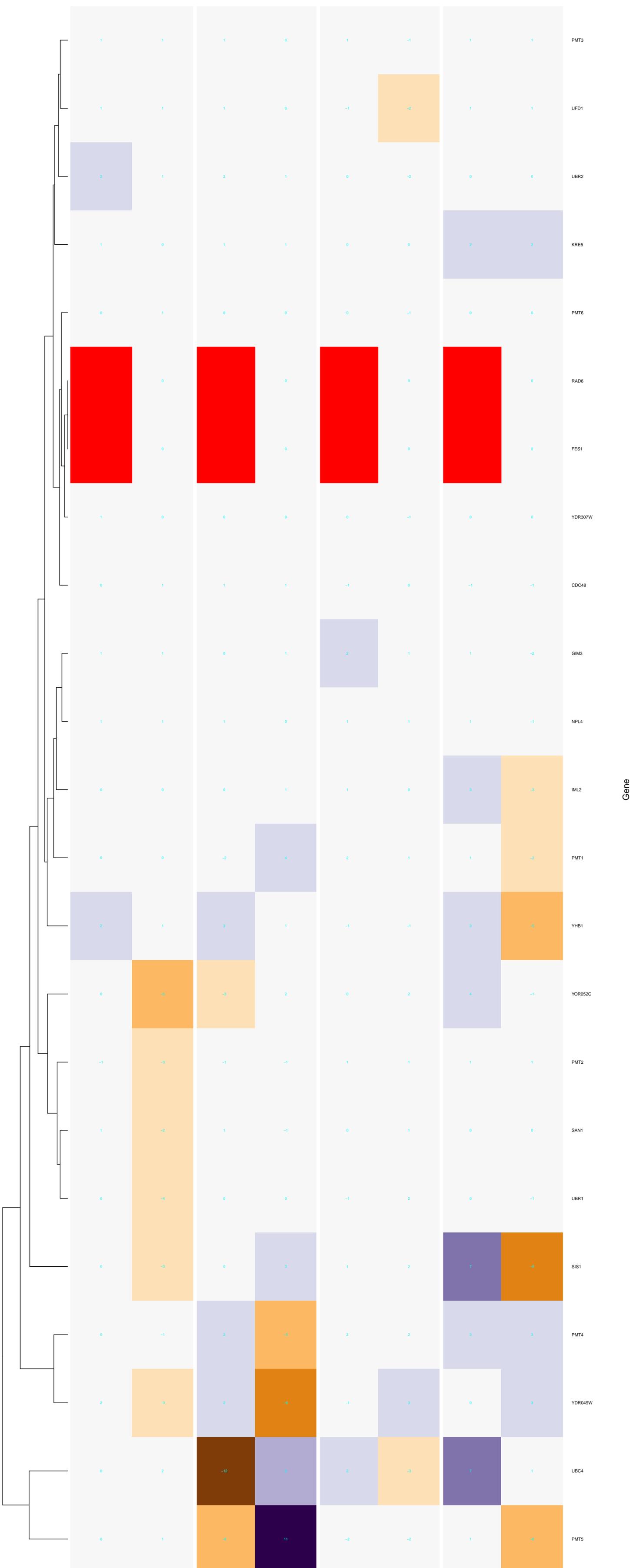
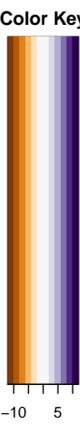
ERAD pathway



cellular response to unfolded protein

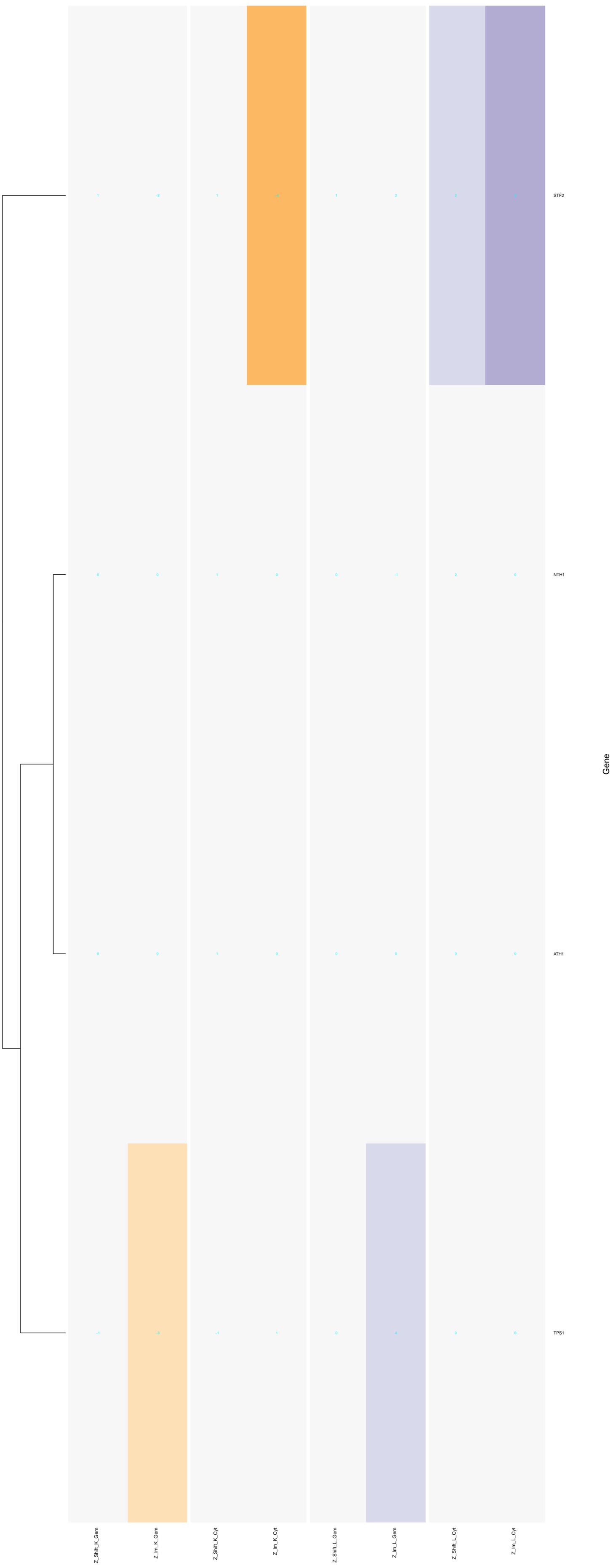


cellular response to misfolded protein

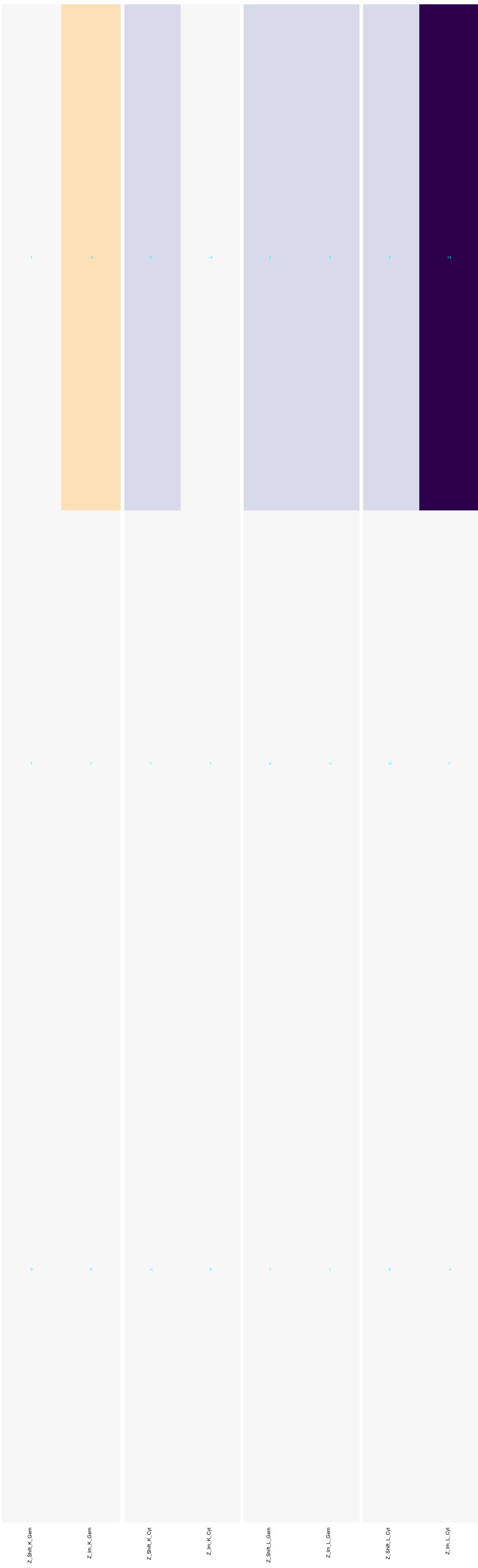


Gene

cellular response to desiccation

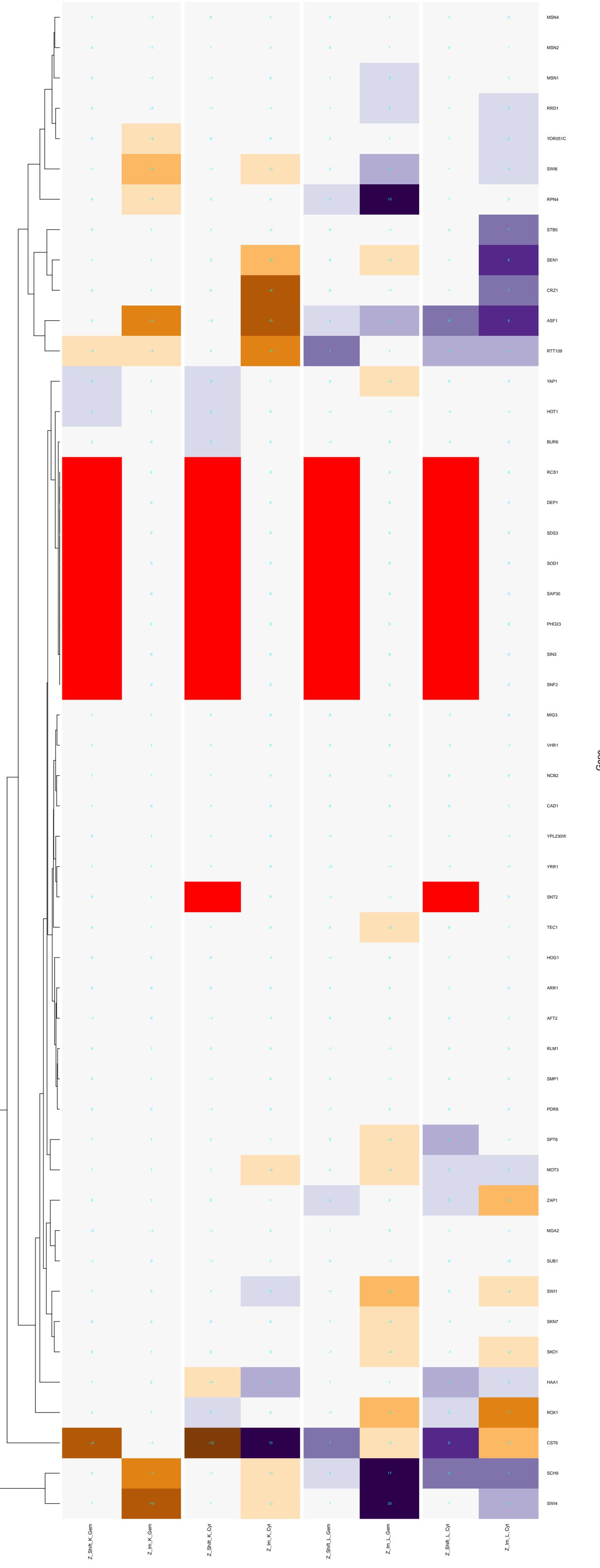


positive regulation of translation in response to stress

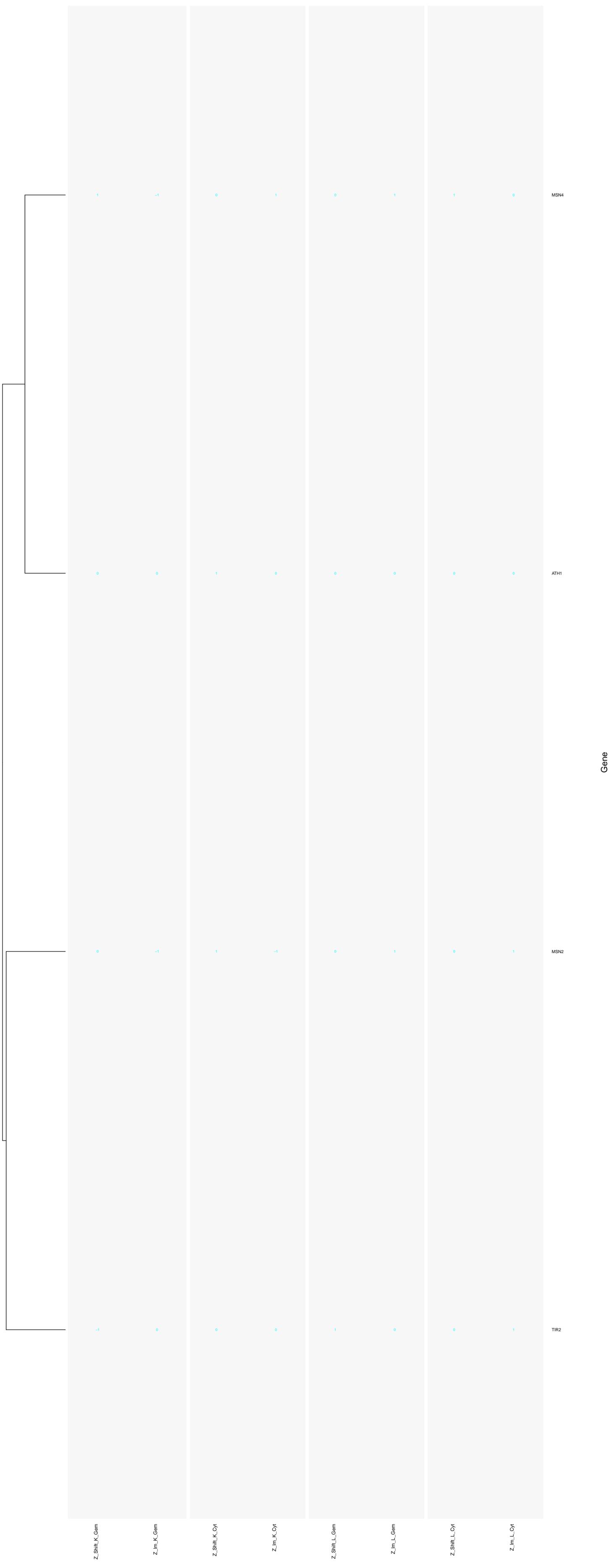
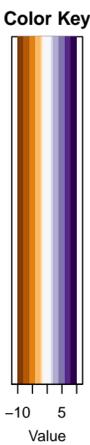


Gene

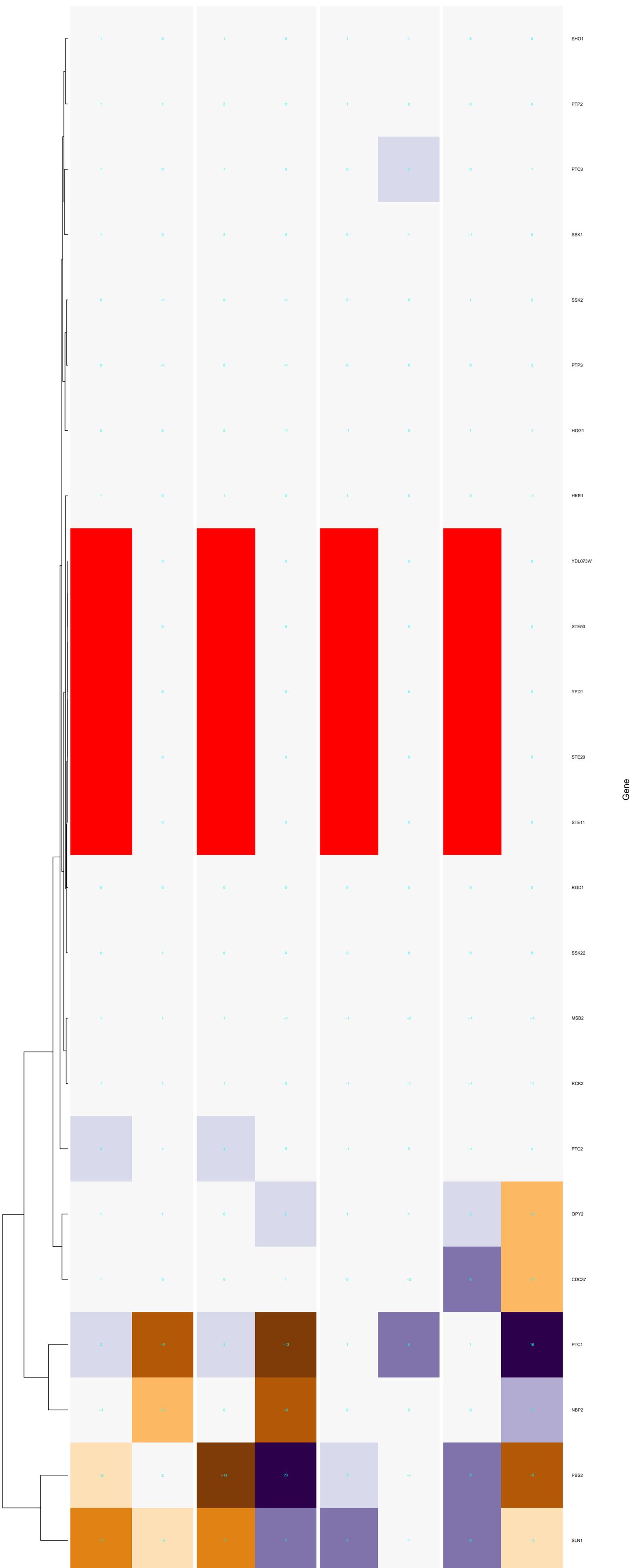
Regulation of transcription from RNA polymerase II promoter in response to stress

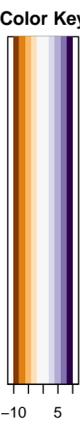


cellular response to freezing

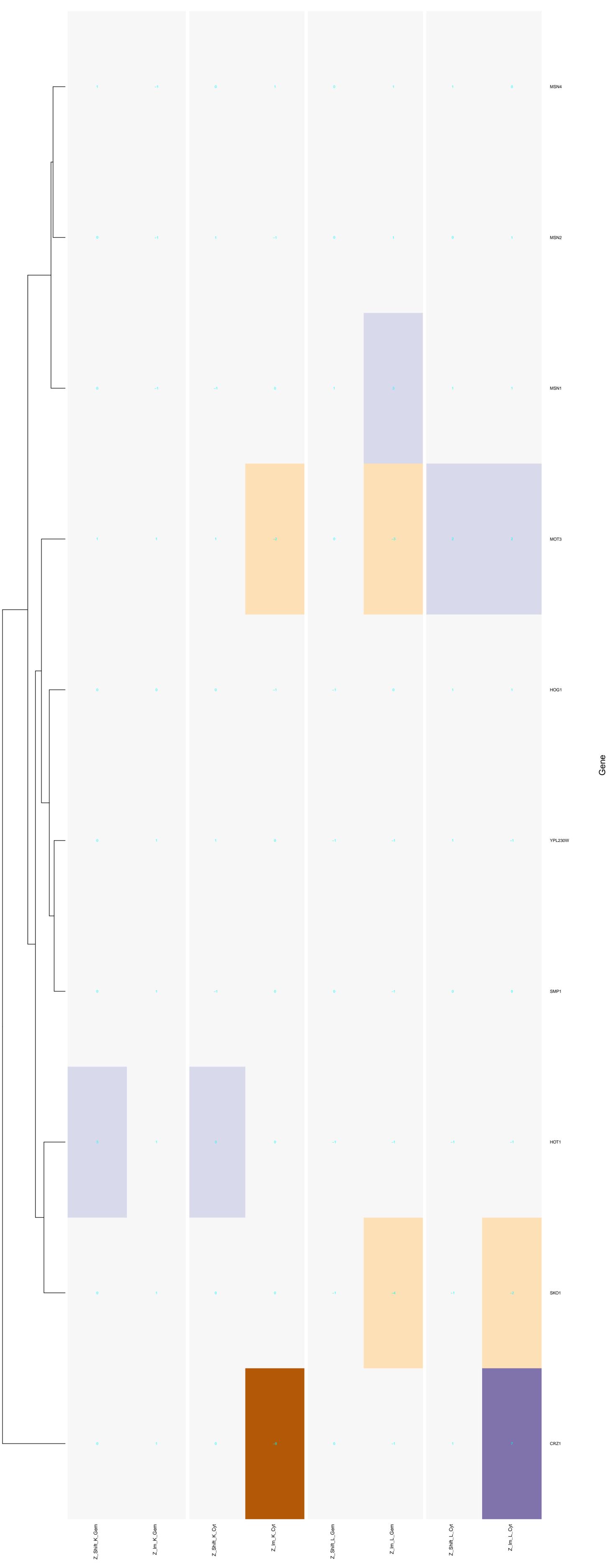


osmosensory signaling pathway

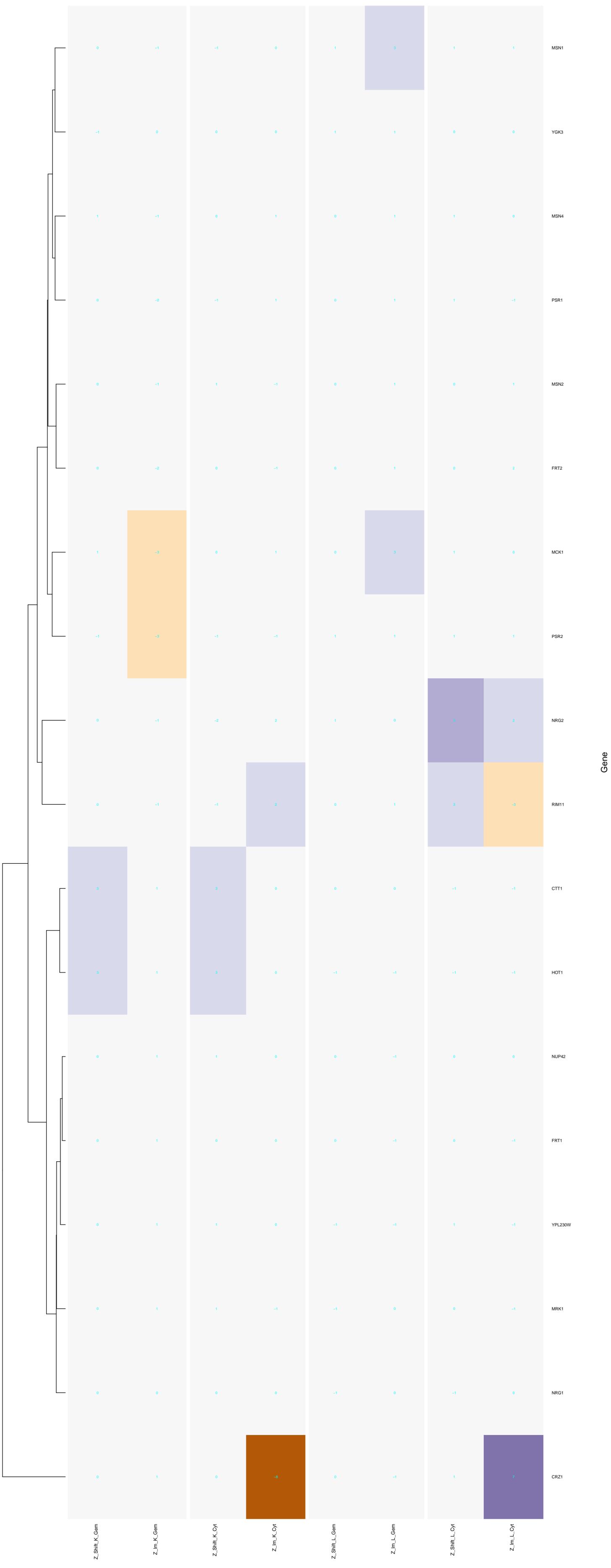
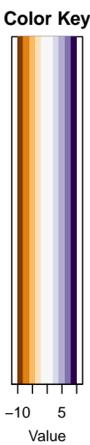




tion of transcription from RNA polymerase II promoter in response to osmotic stress

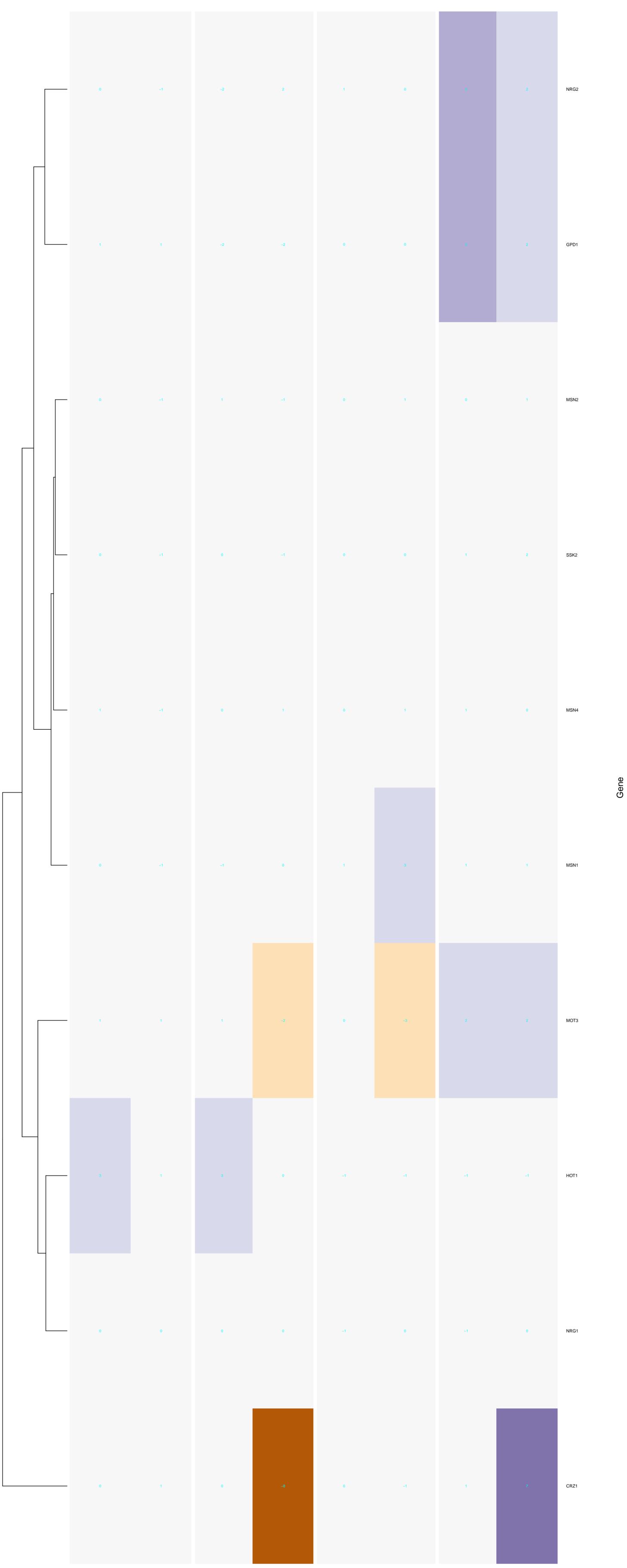
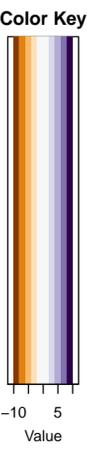


cellular response to salt stress



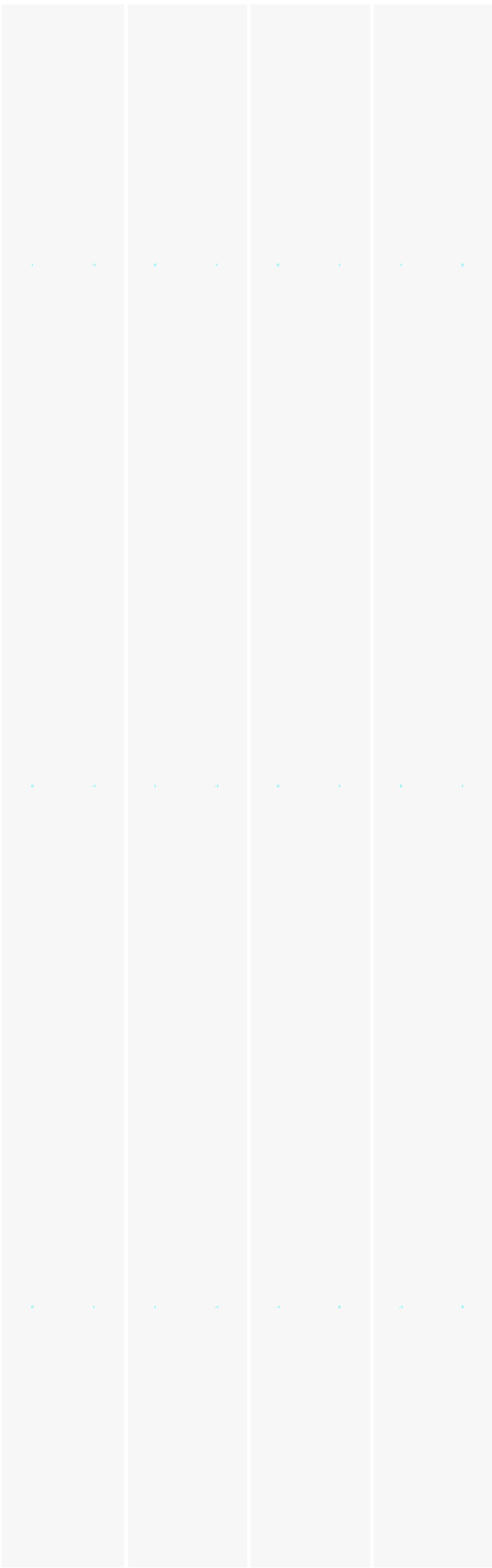
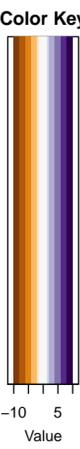
Gene

cellular hyperosmotic response



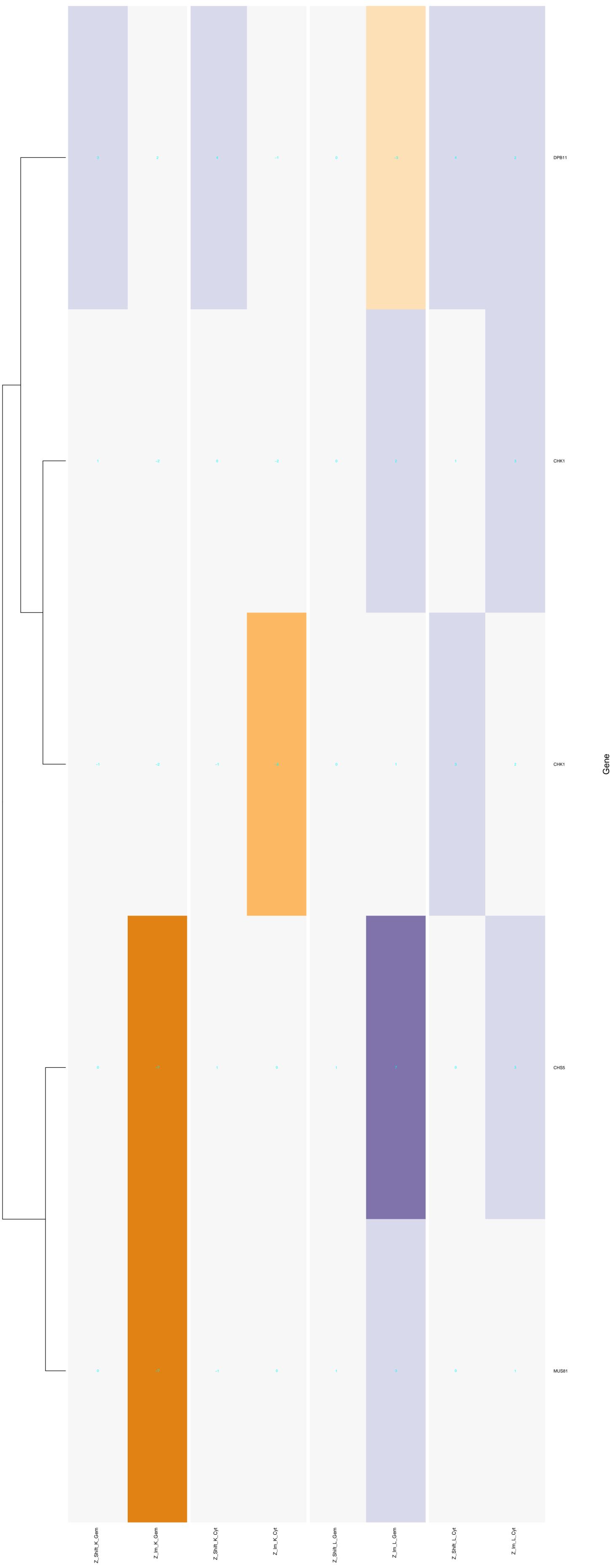
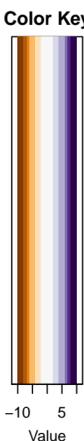
Gene

cellular hypotonic response

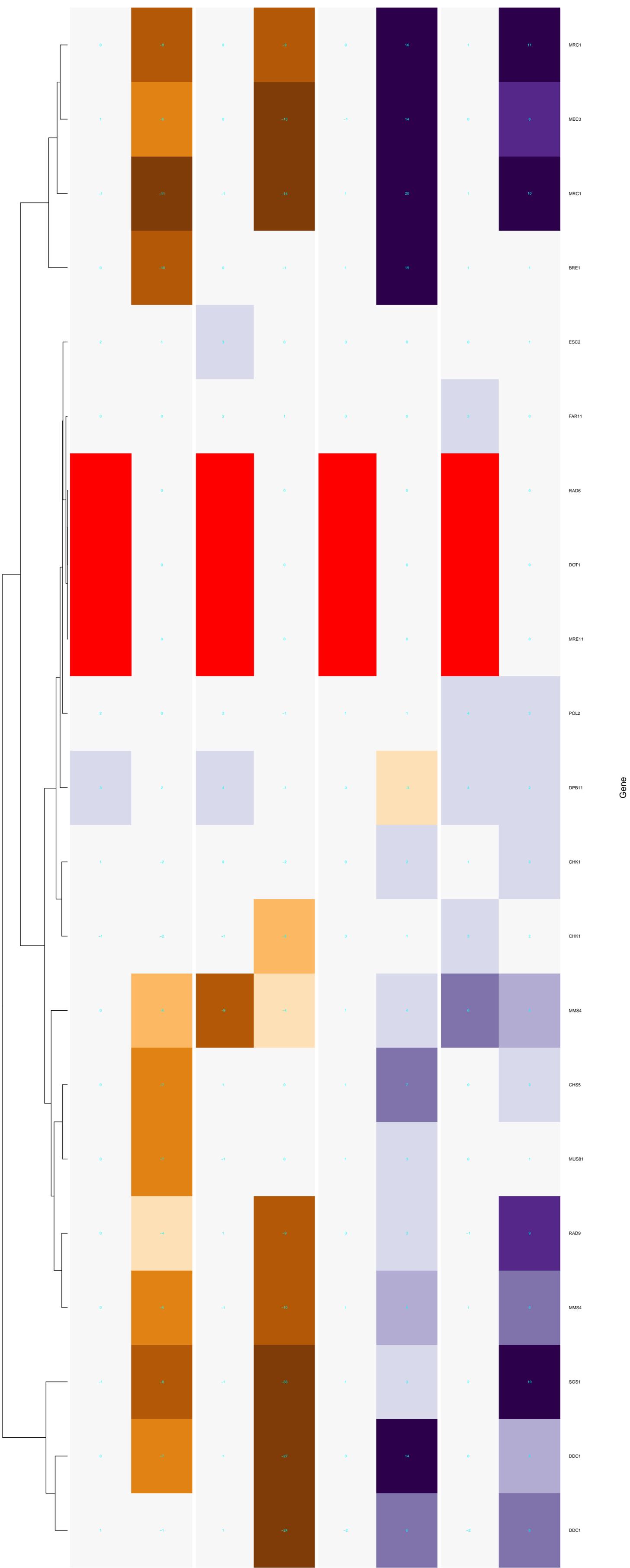
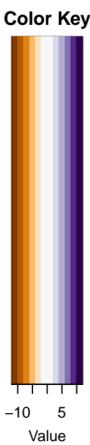


Gene

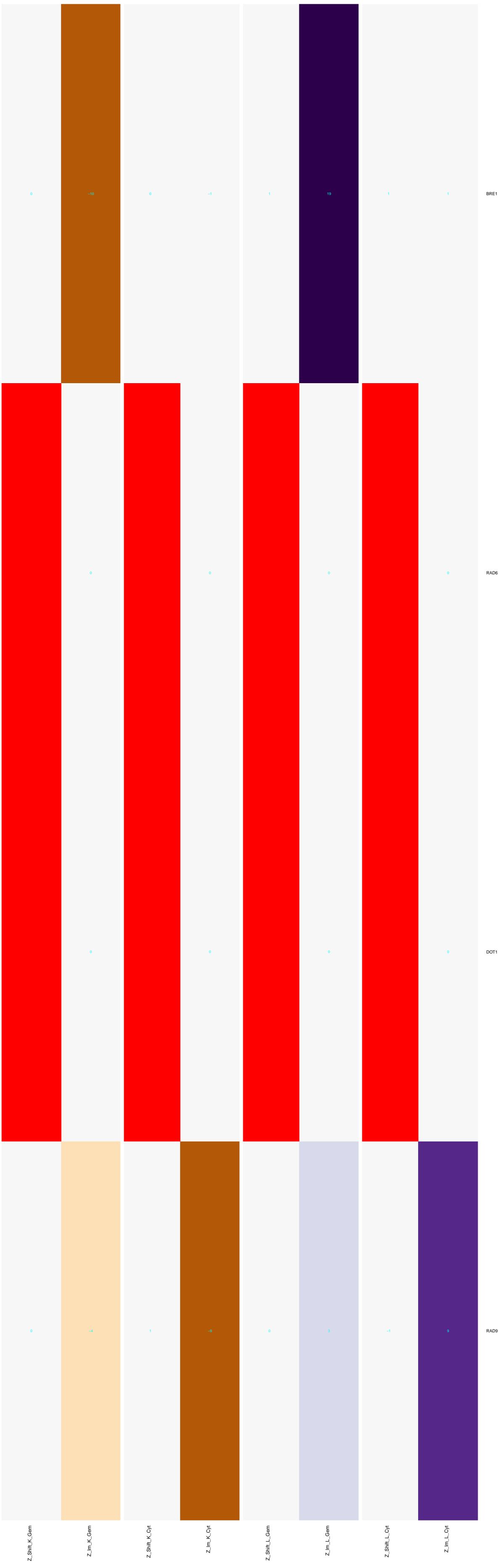
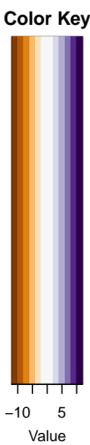
G2 DNA damage checkpoint



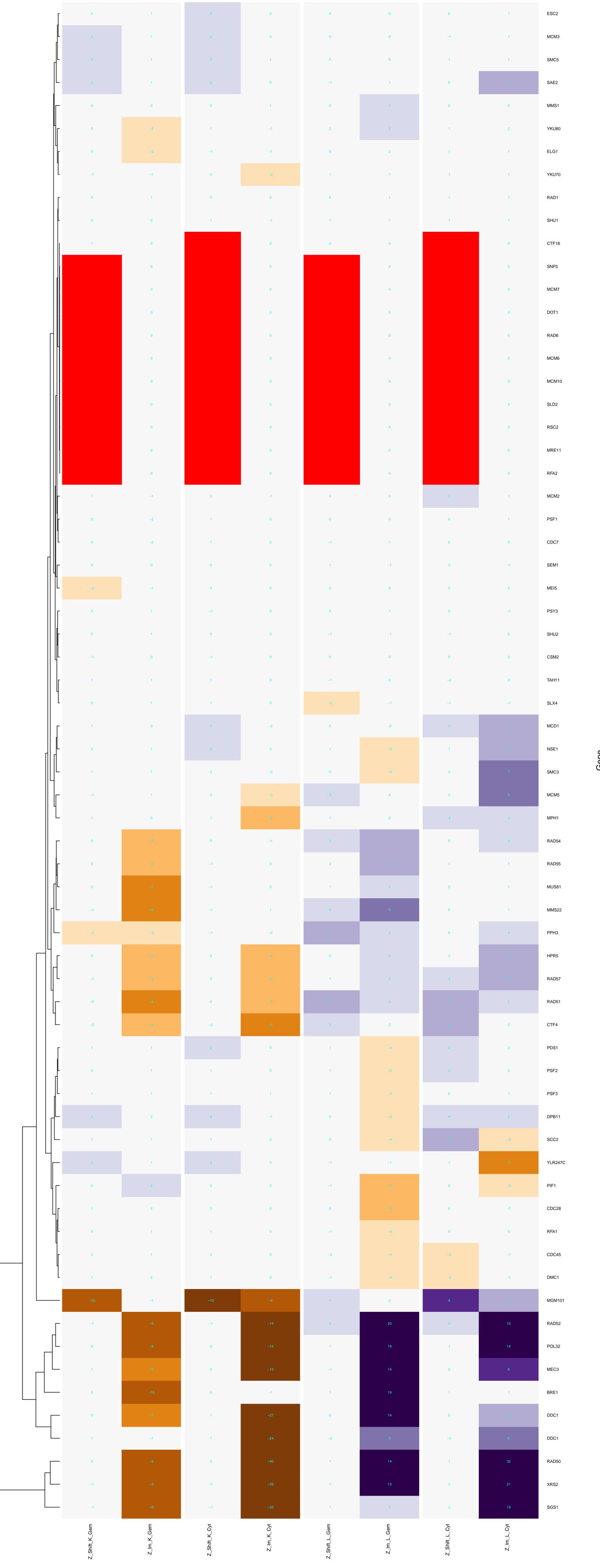
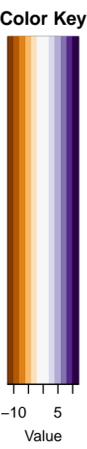
mitotic DNA damage checkpoint



G1 DNA damage checkpoint

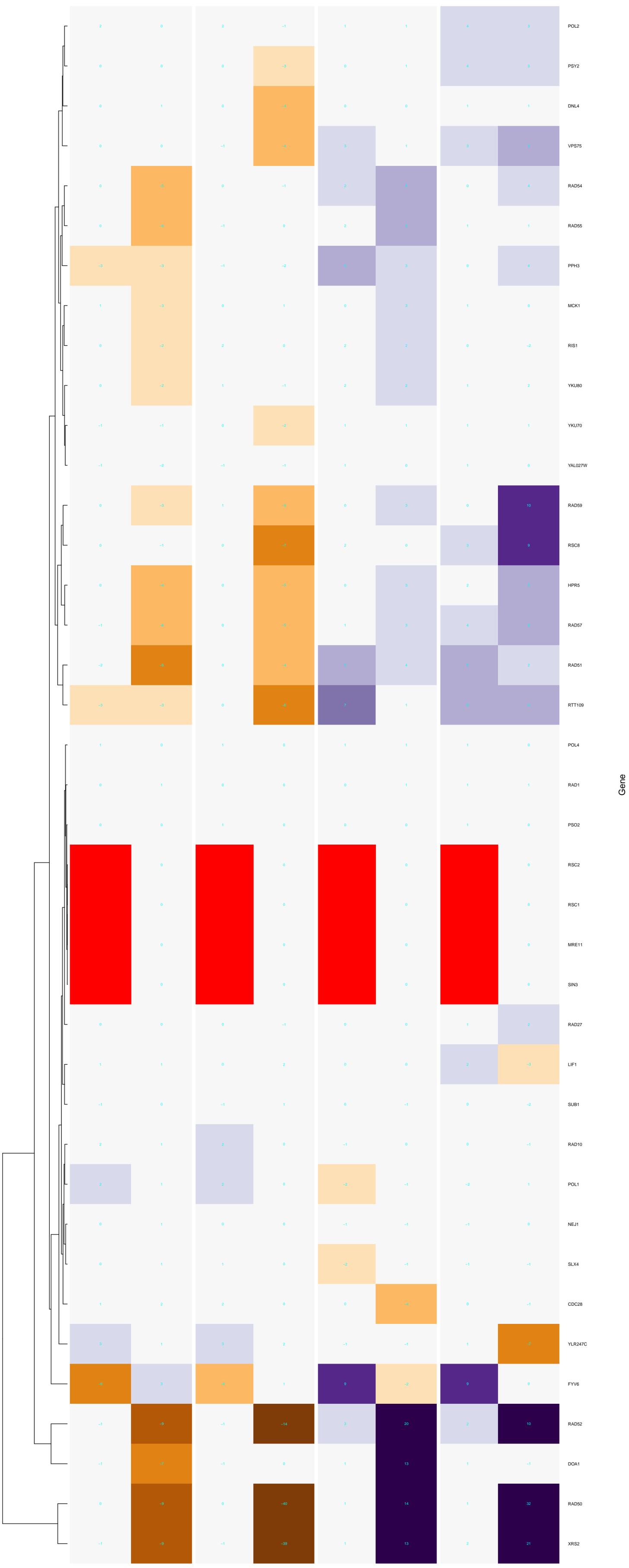


recombinational repair



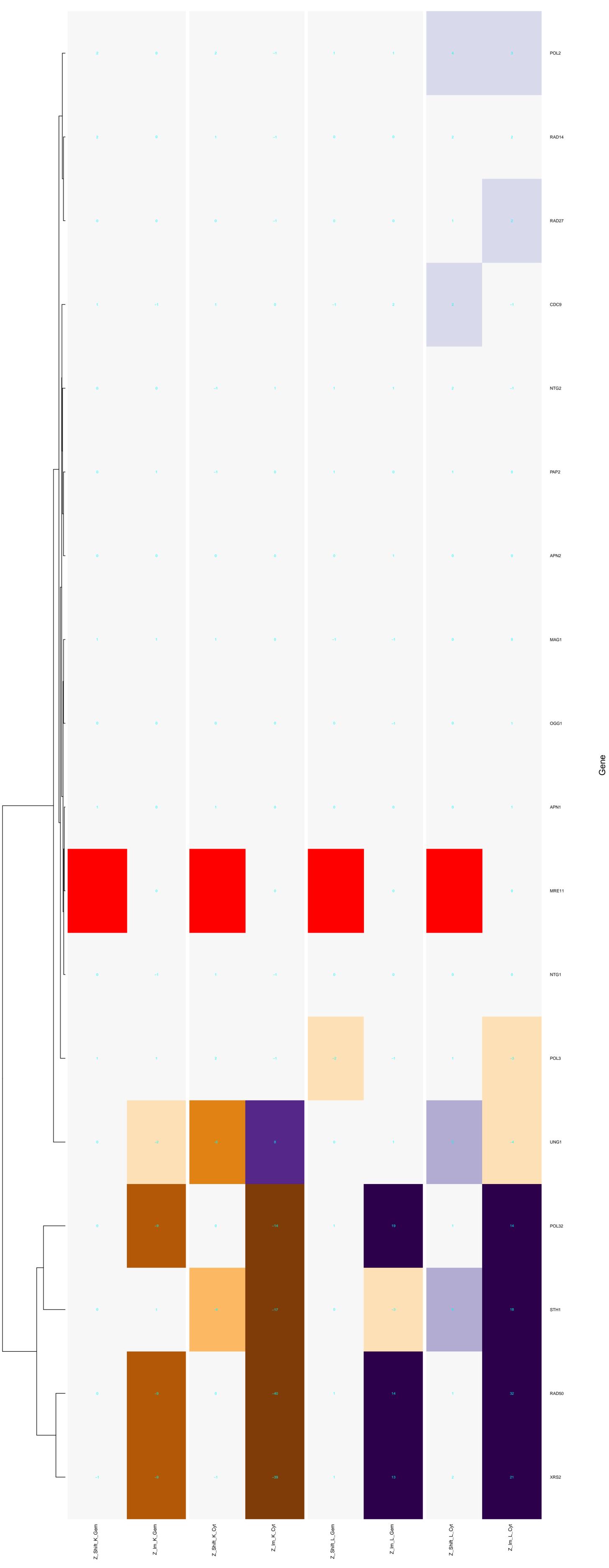
Gene

non-recombinational repair

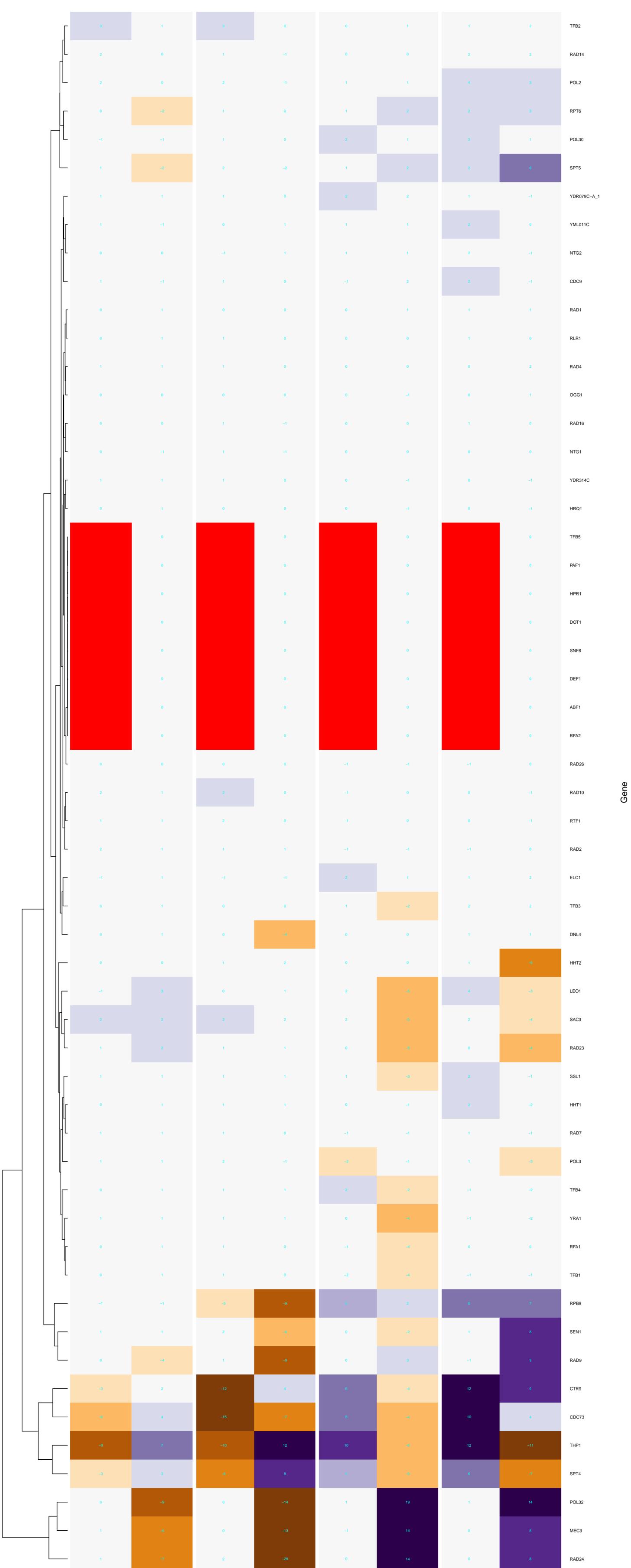




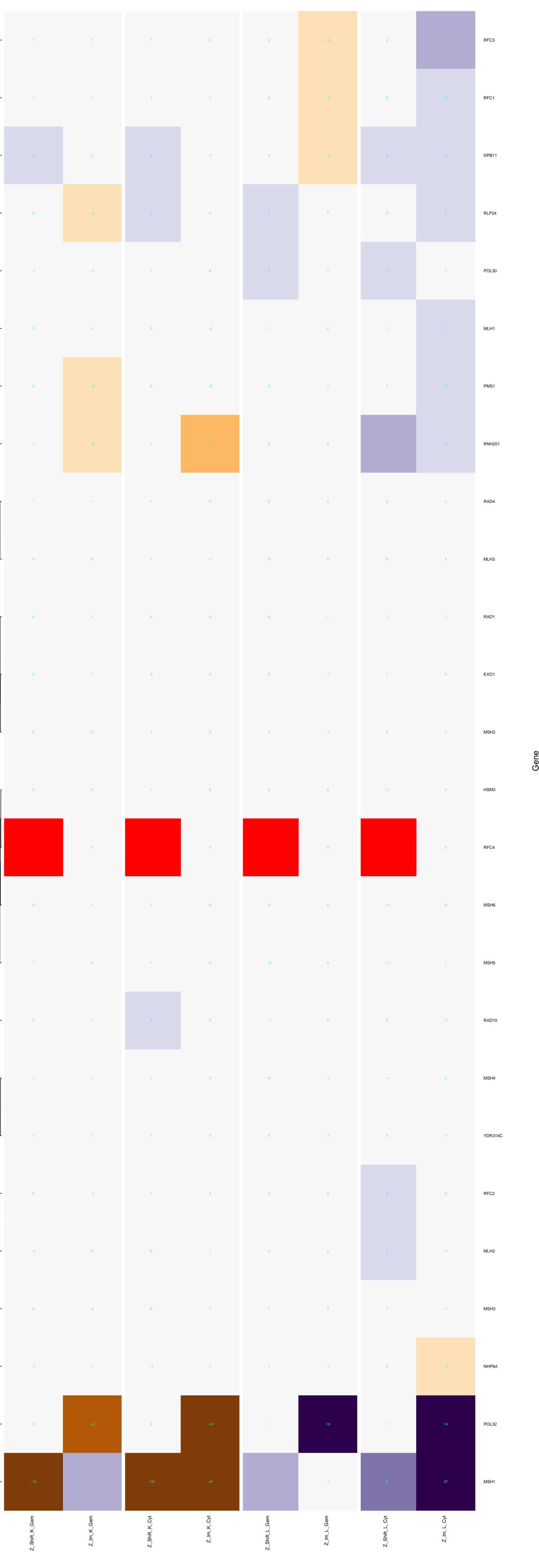
base-excision repair



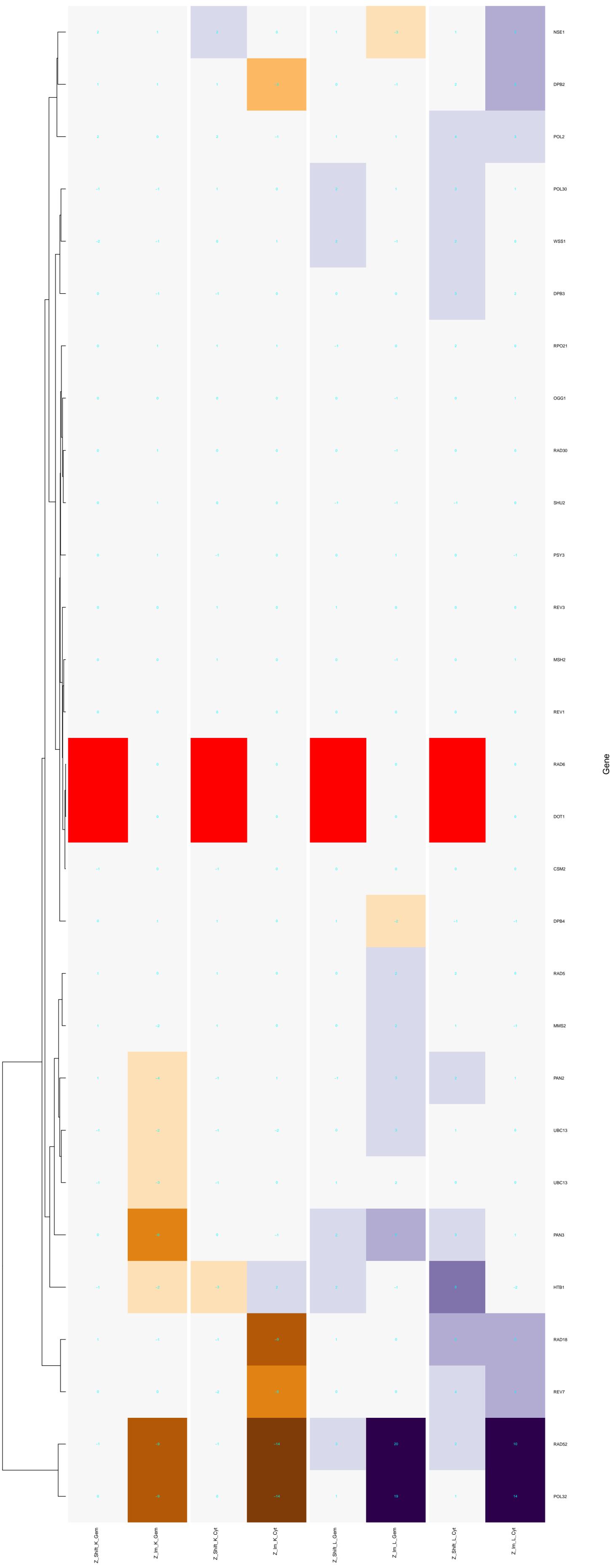
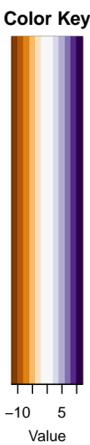
nucleotide-excision repair

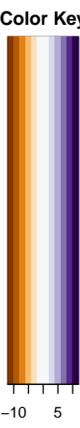


mismatch repair

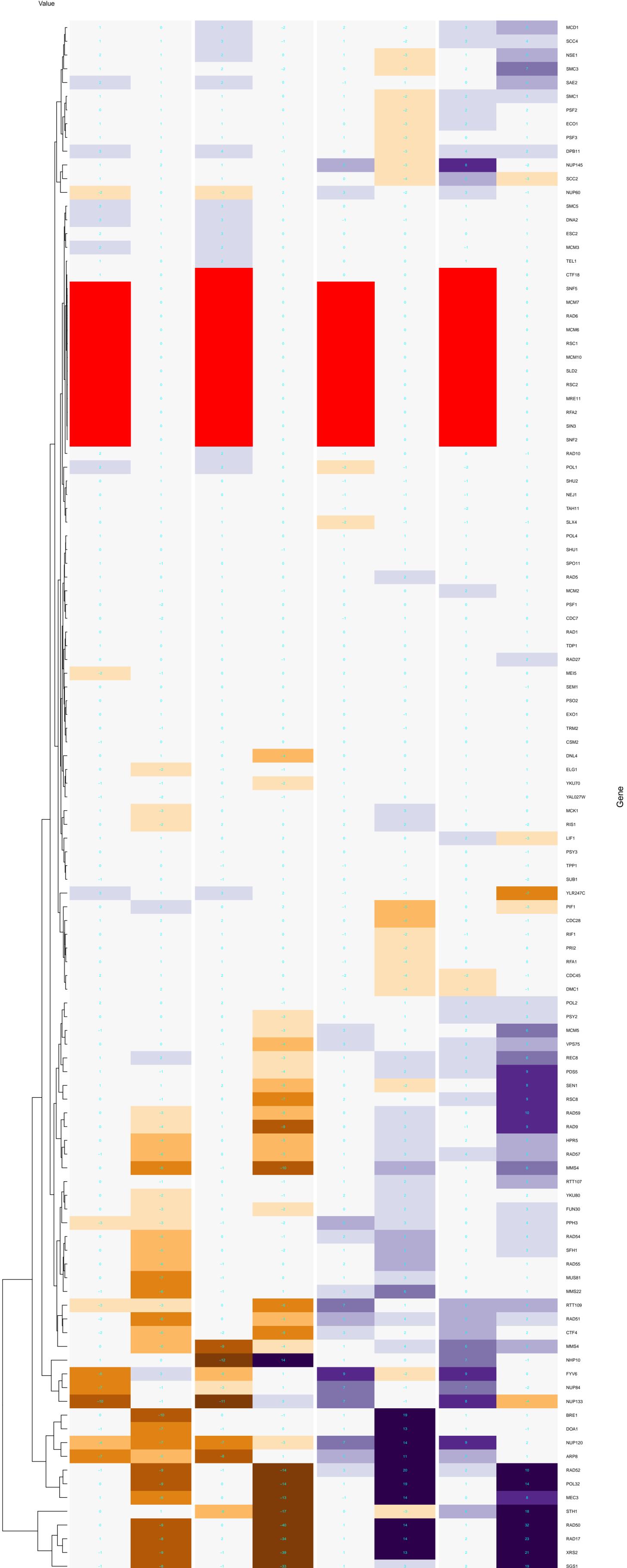


postreplication repair

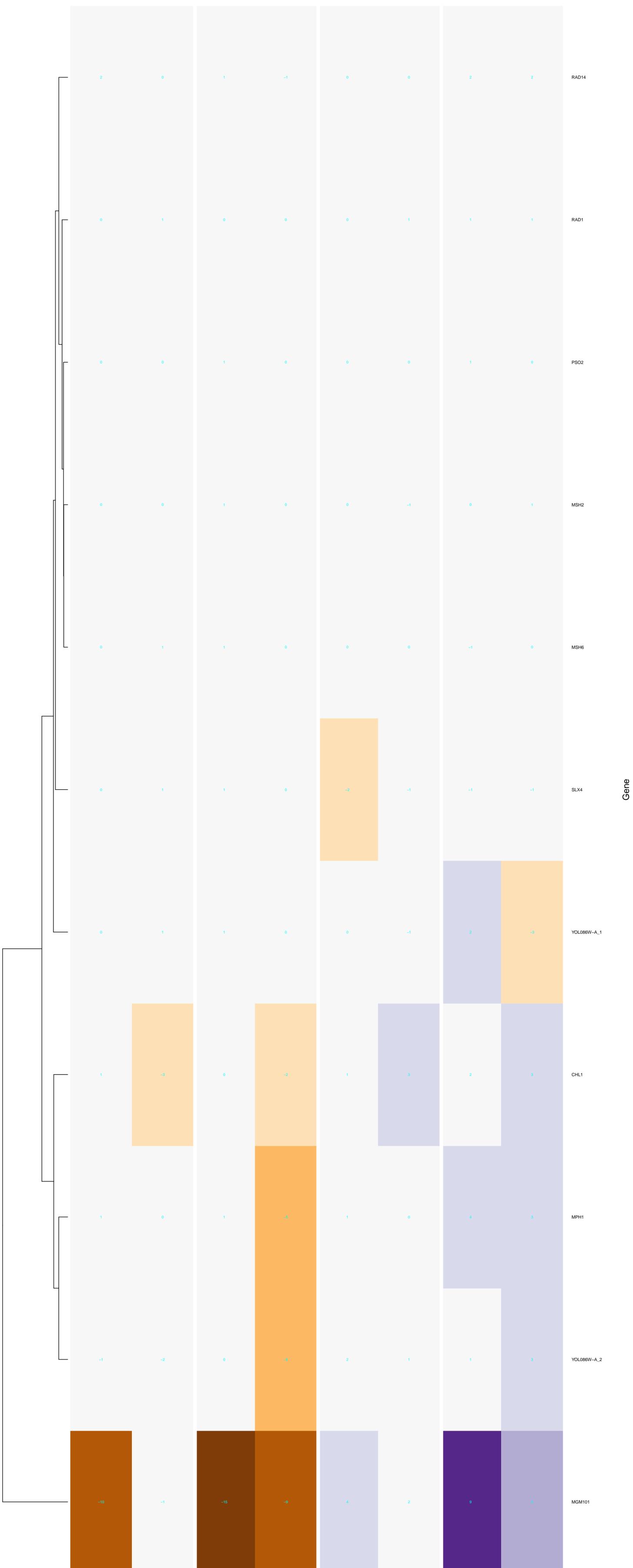
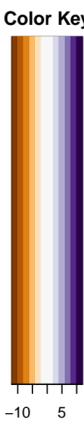




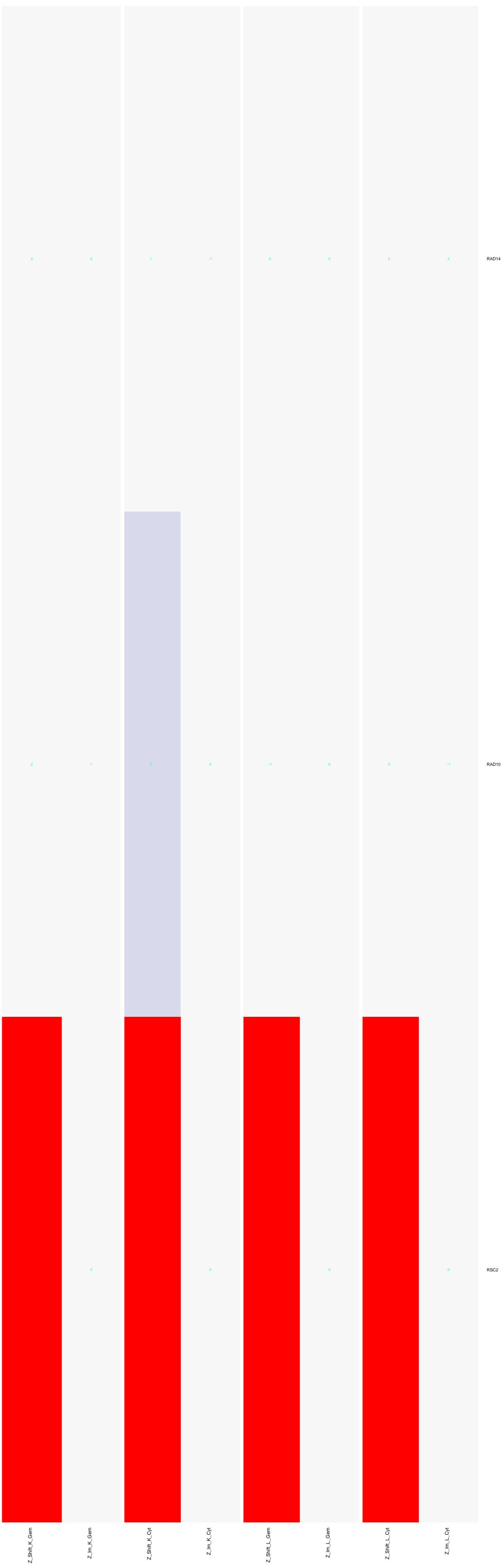
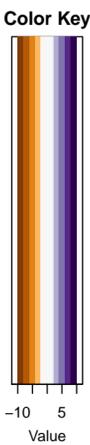
double-strand break repair



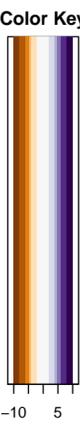
interstrand cross-link repair



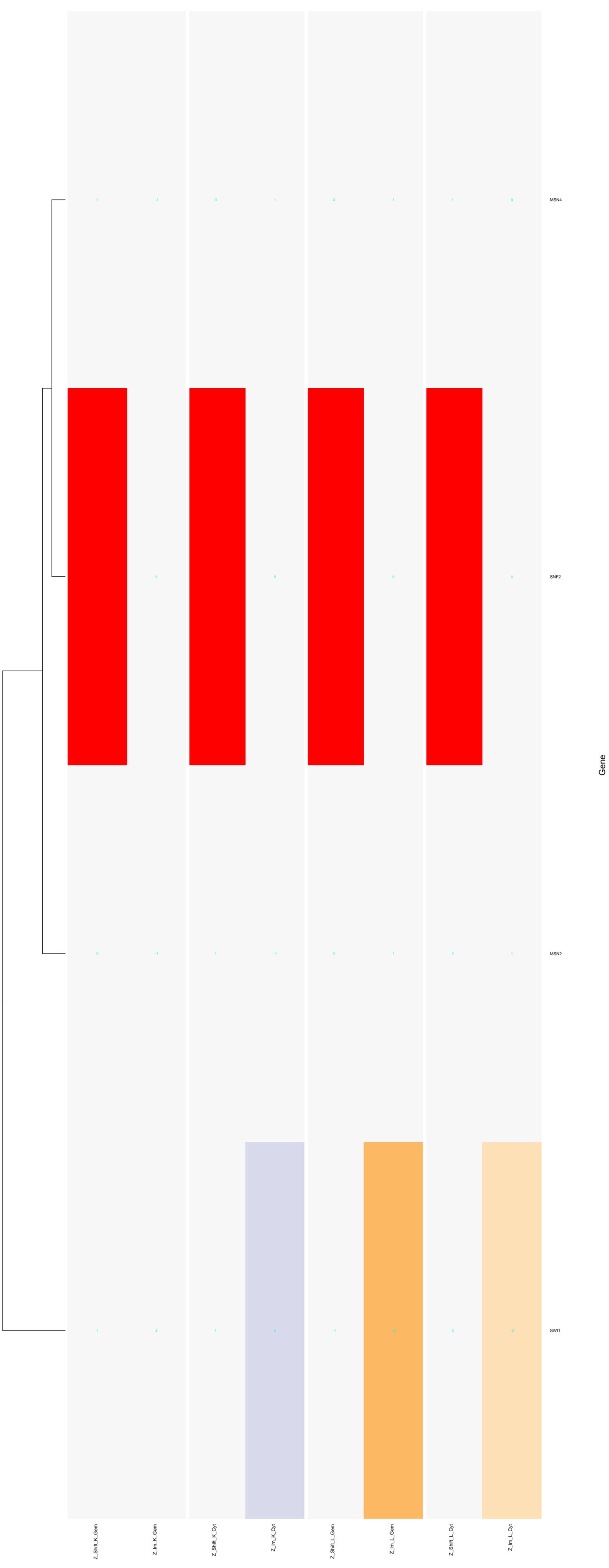
UV-damage excision repair



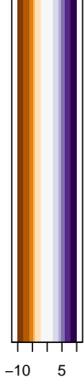
Gene



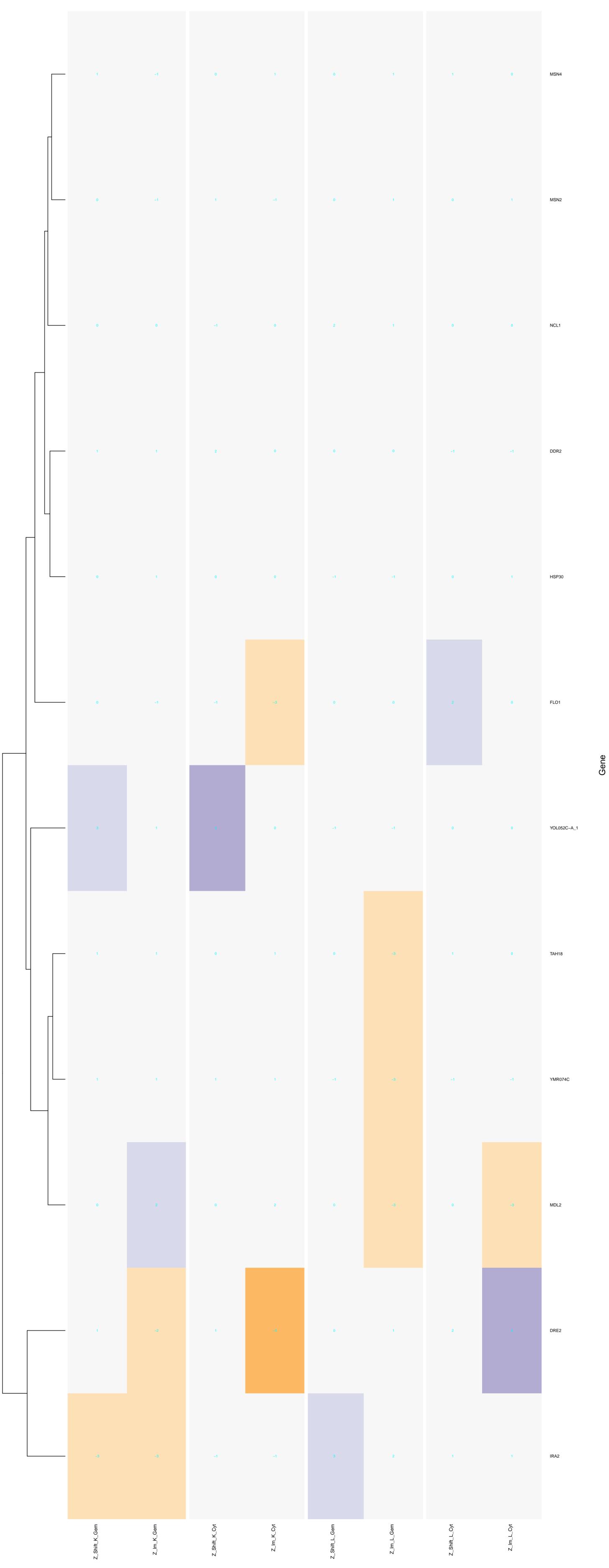
ation of transcription from RNA polymerase II promoter in response to amino acid starvation



Color Key

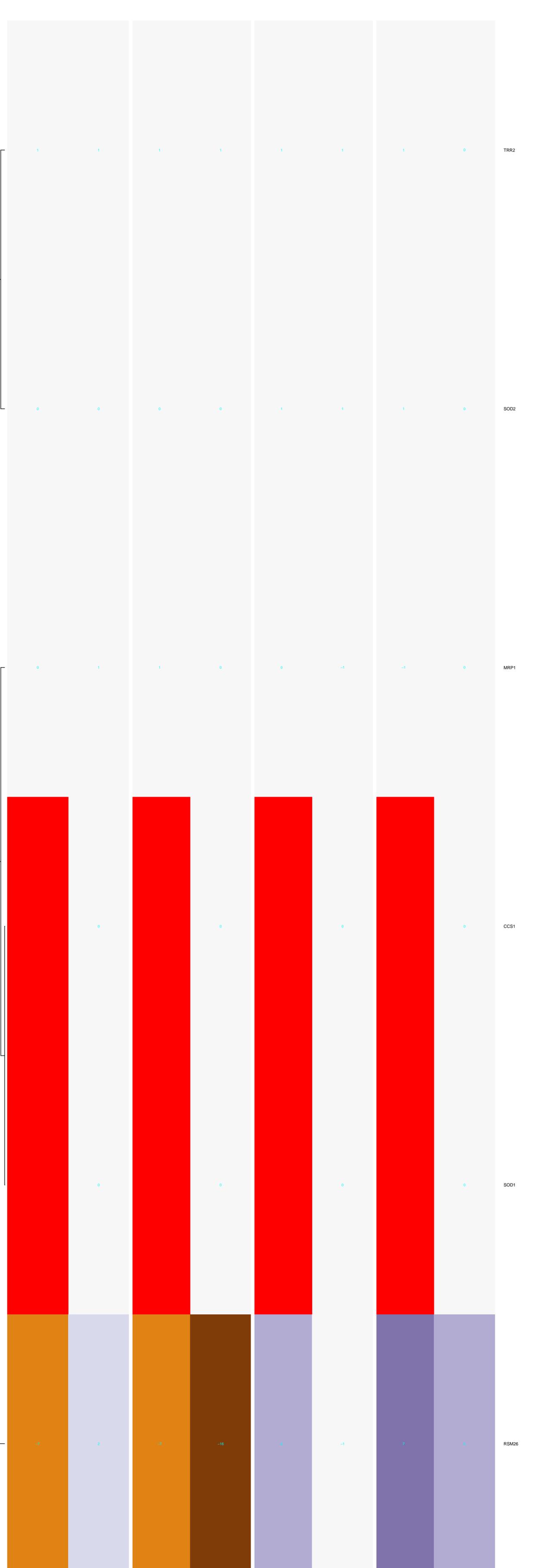


cellular response to hydrogen peroxide



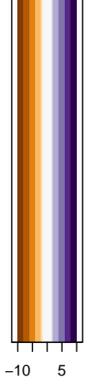
Gene

cellular response to oxygen radical

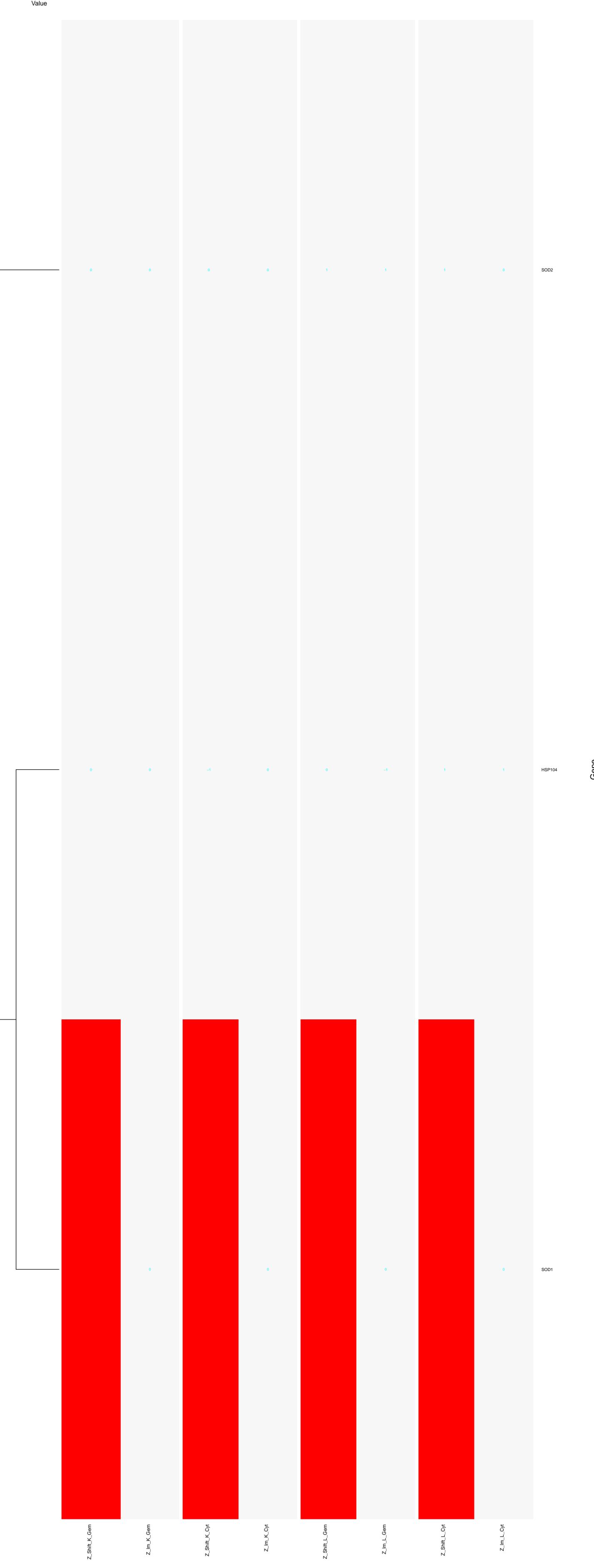


Gene

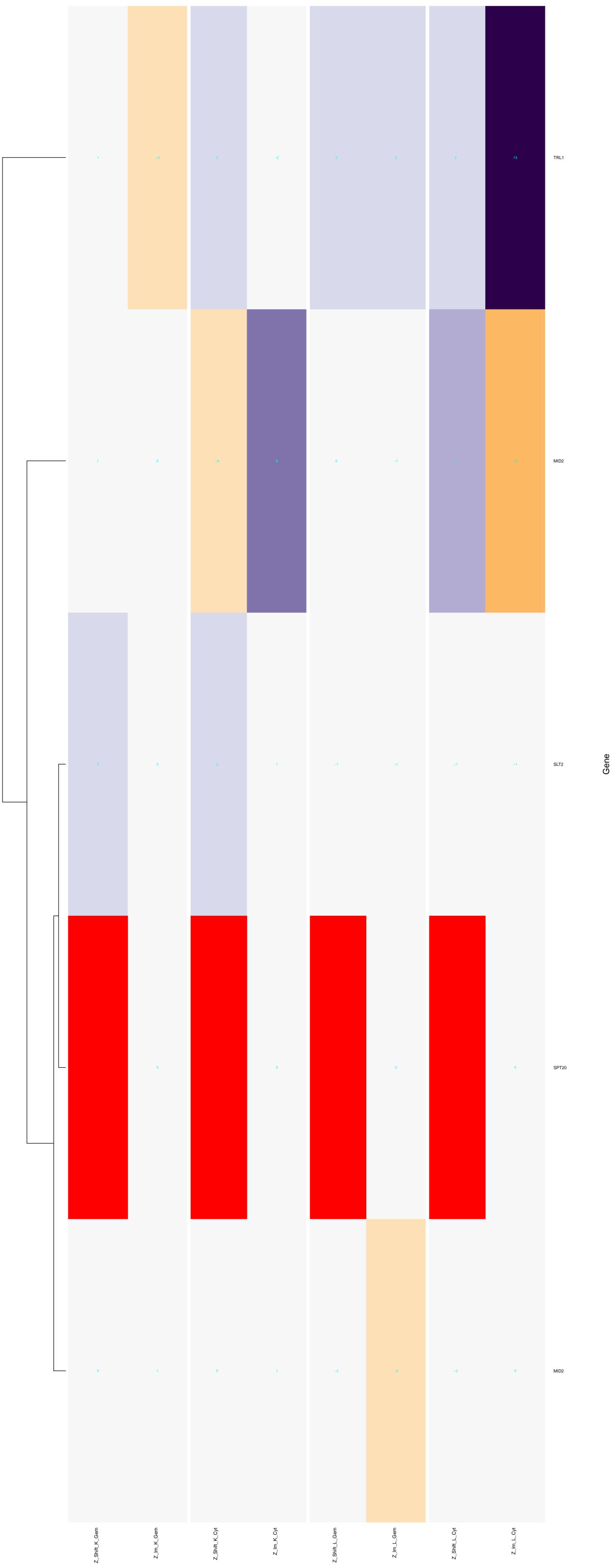
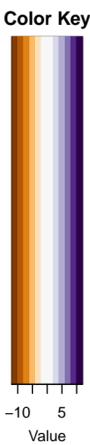
Color Key



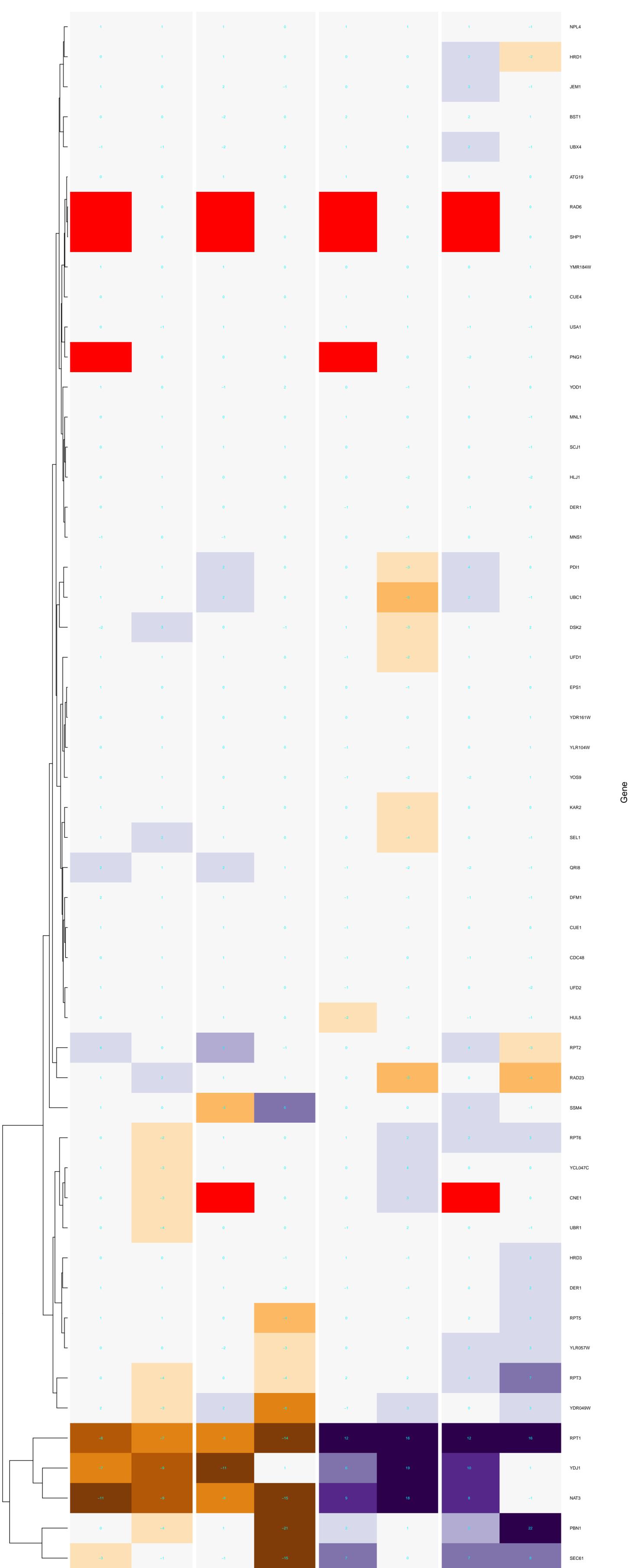
cellular age-dependent response to reactive oxygen species



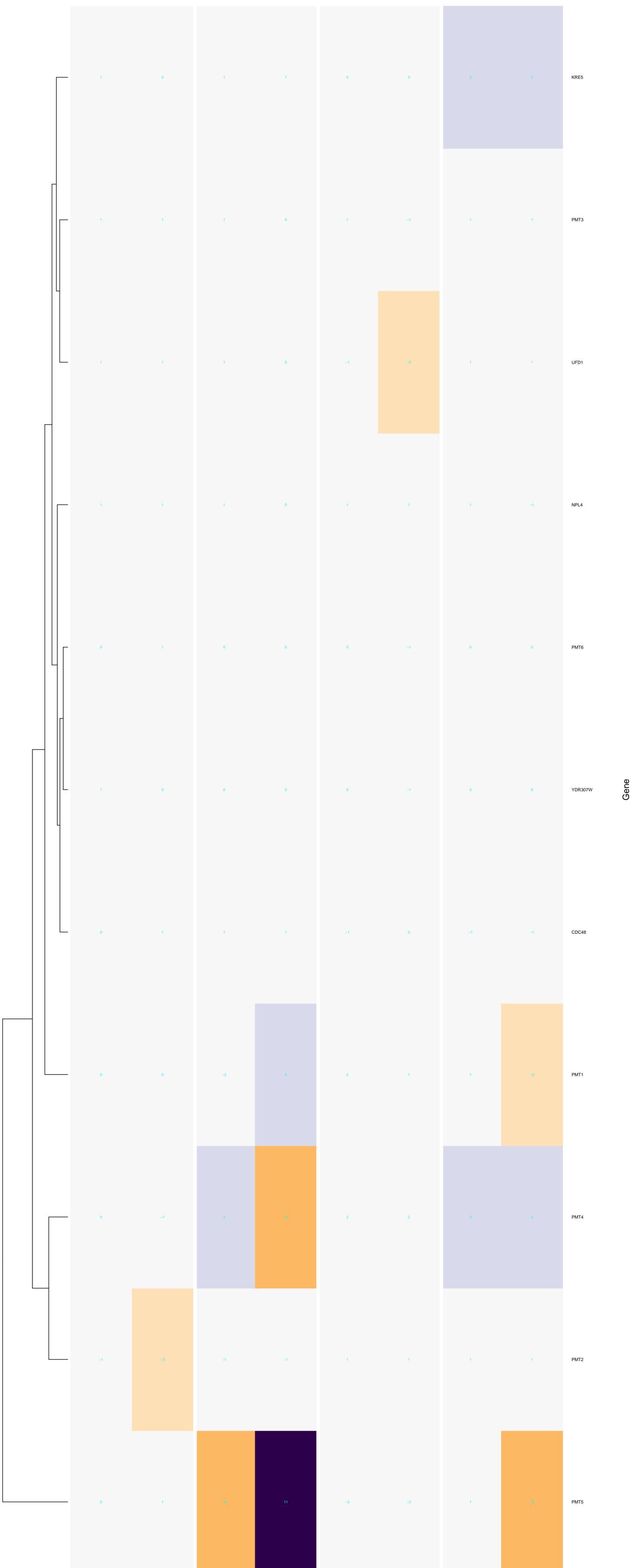
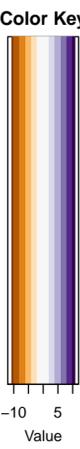
IRE1-mediated unfolded protein response



ER-associated ubiquitin-dependent protein catabolic process

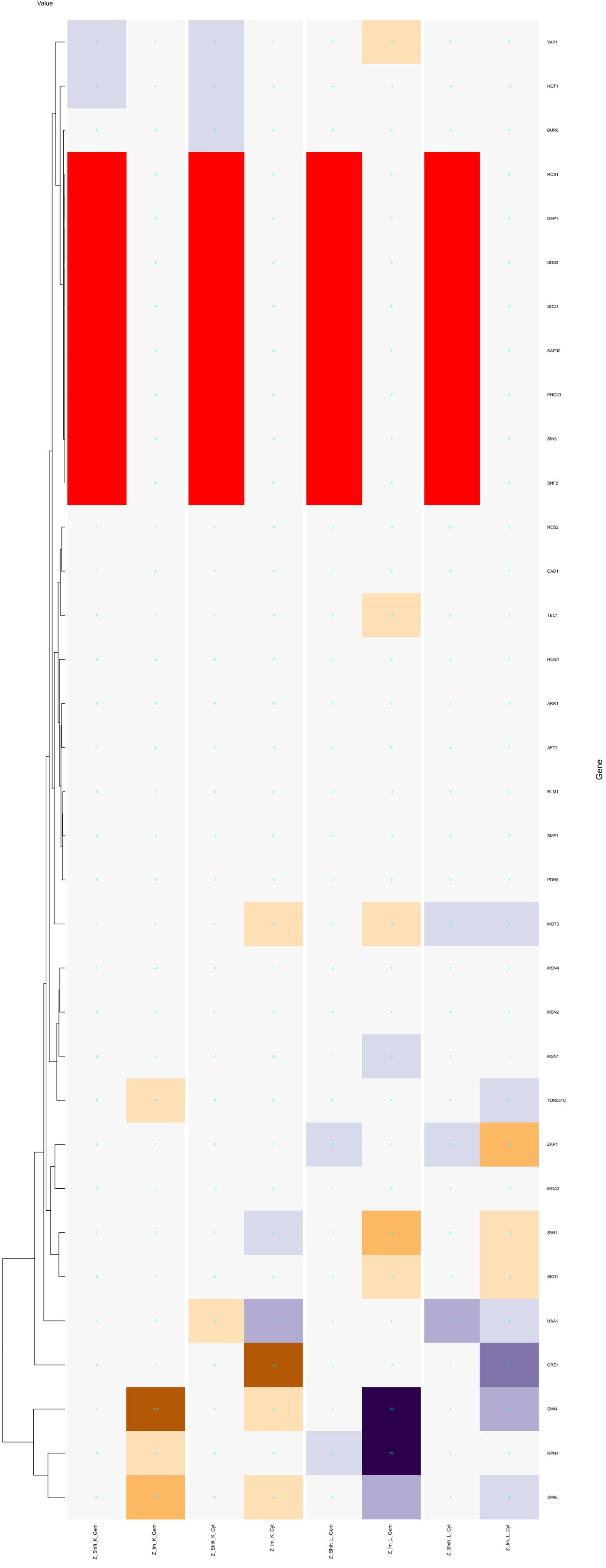
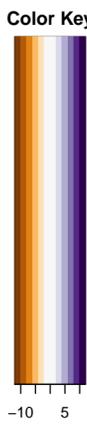


ER-associated misfolded protein catabolic process



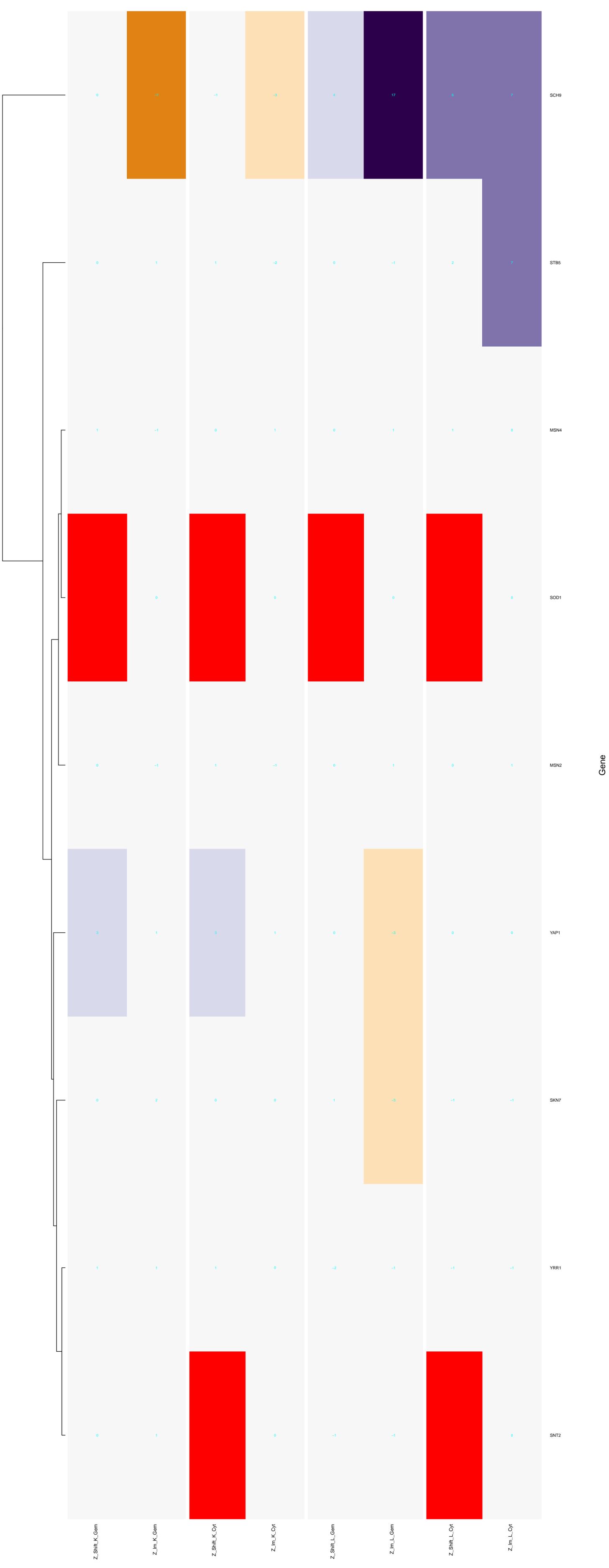
Gene

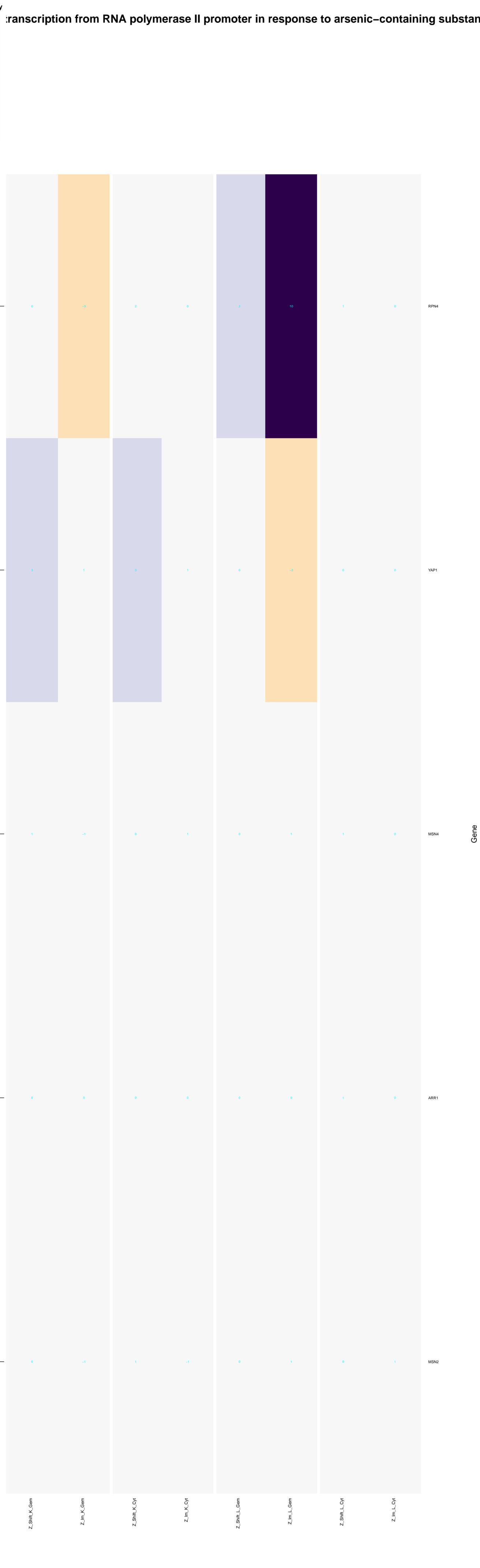
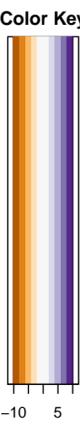
ve regulation of transcription from RNA polymerase II promoter in response to stress



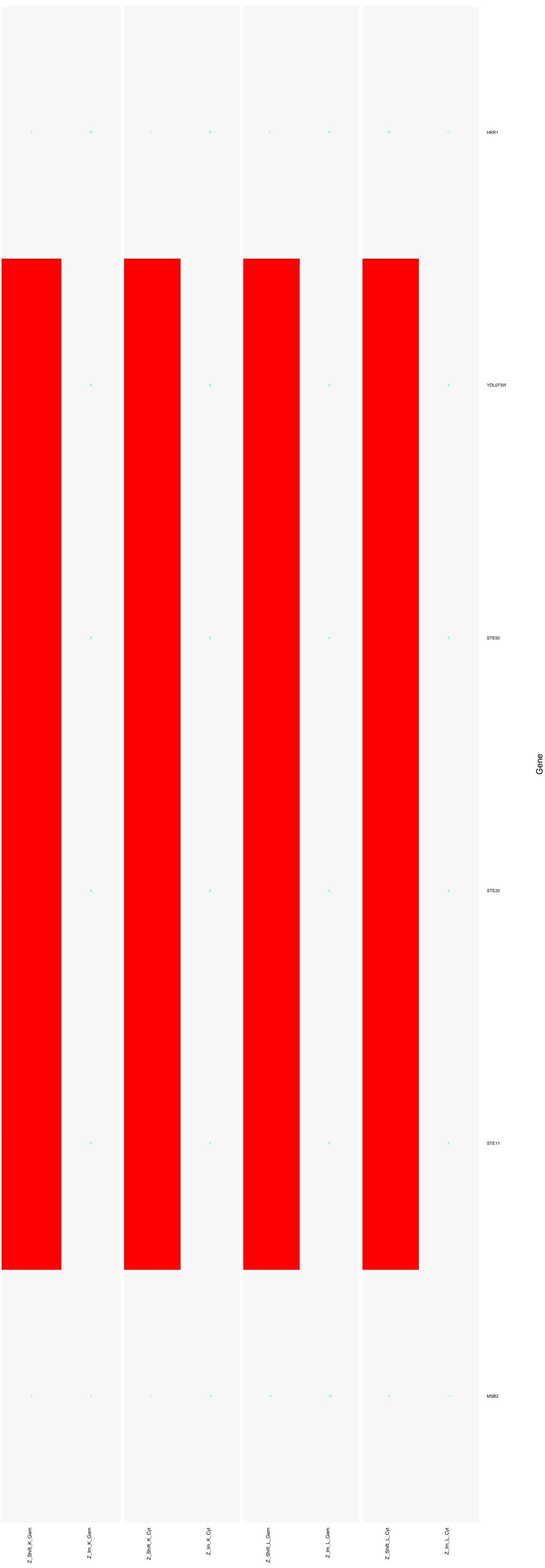
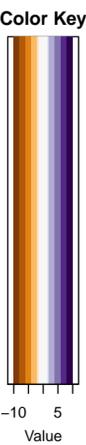


tion of transcription from RNA polymerase II promoter in response to oxidative stress

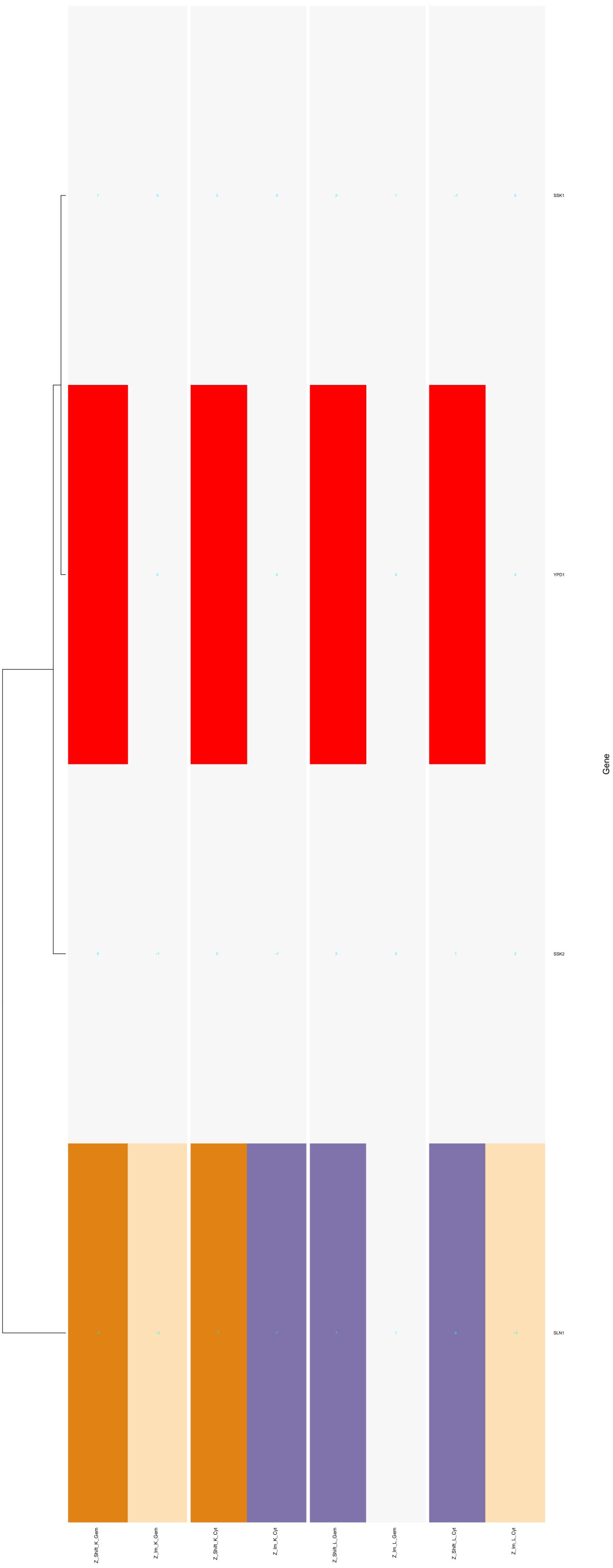
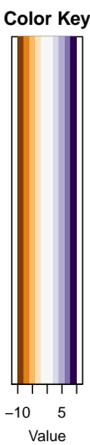


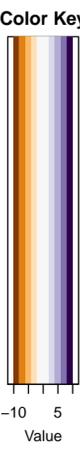


osmosensory signaling pathway via Sho1 osmosensor

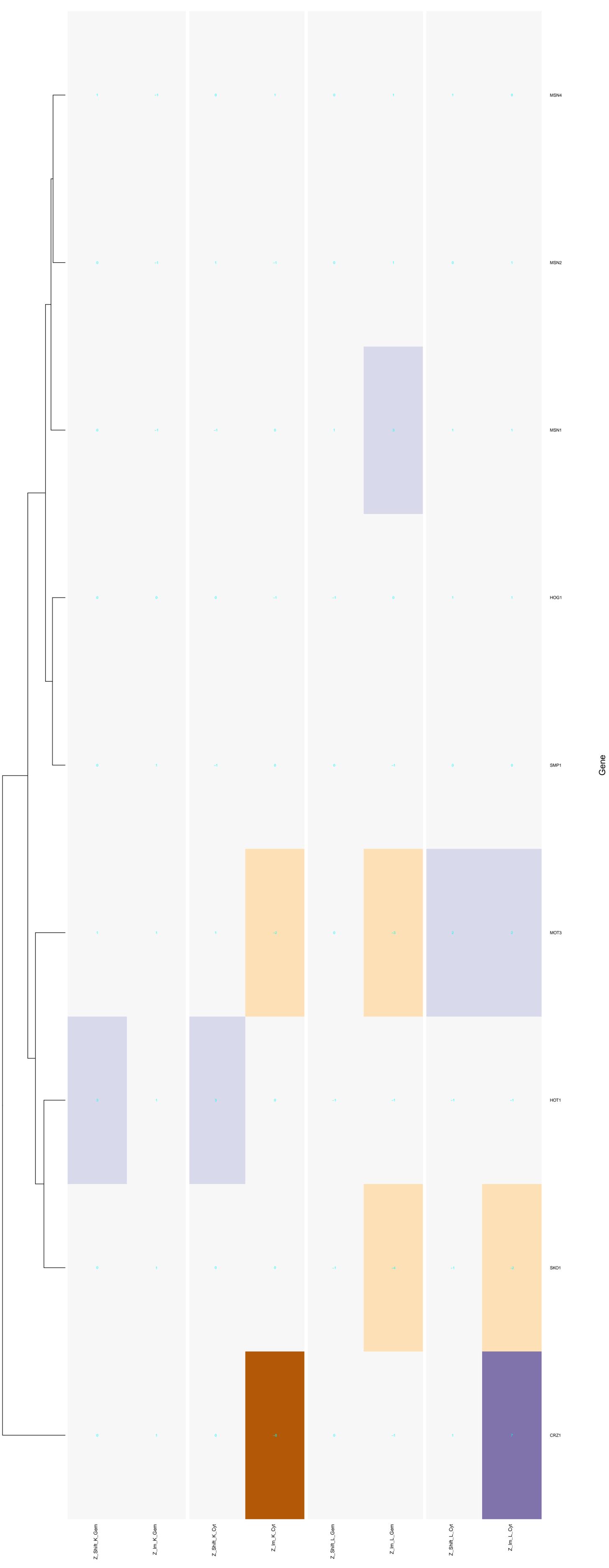


osmosensory signaling via phosphorelay pathway

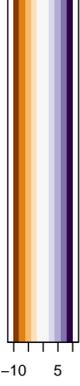




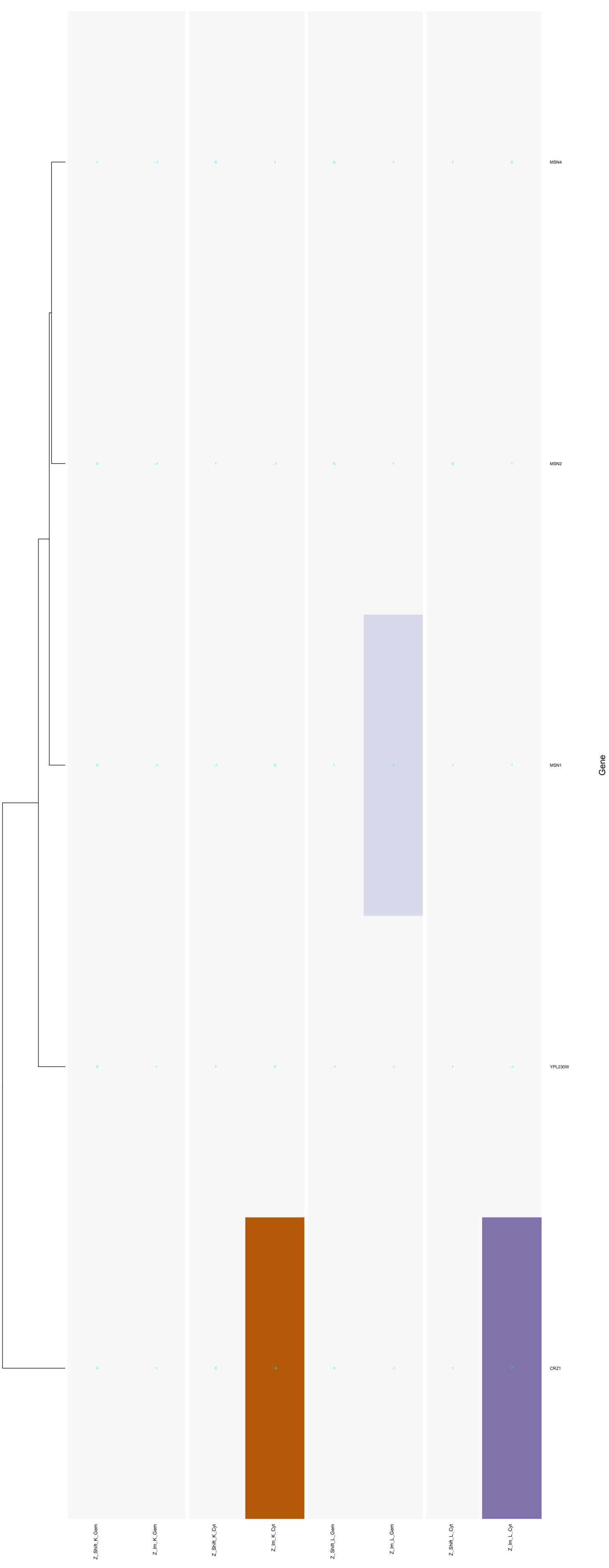
Regulation of transcription from RNA polymerase II promoter in response to osmotic stress



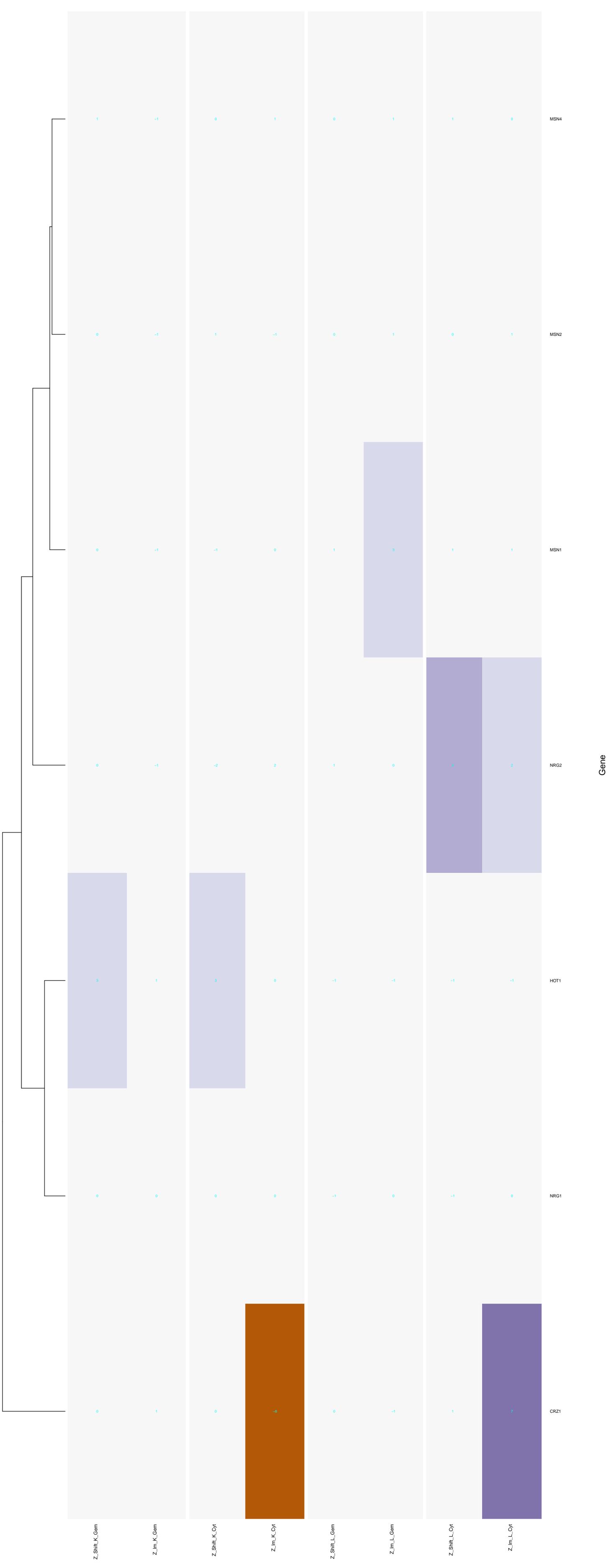
Color Key



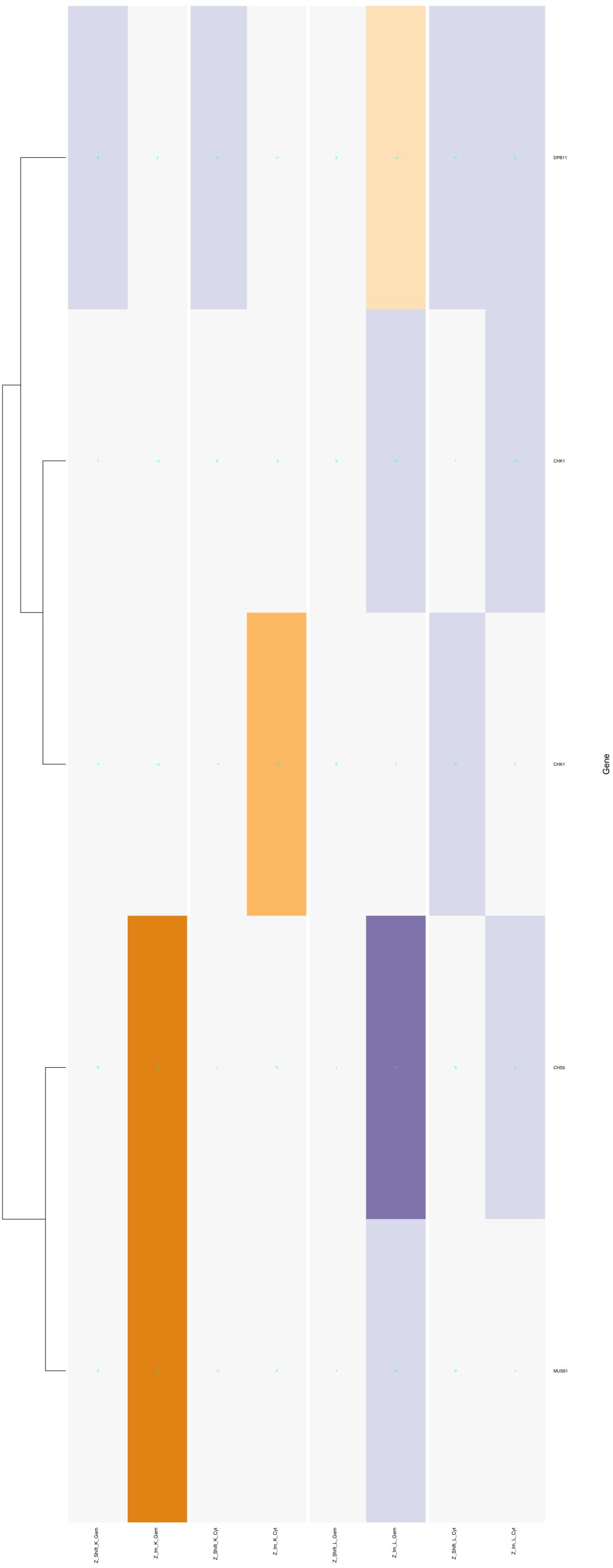
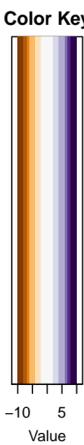
Relation of transcription from RNA polymerase II promoter in response to salt stress



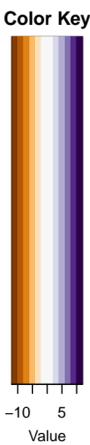
cellular hyperosmotic salinity response



mitotic G2 DNA damage checkpoint

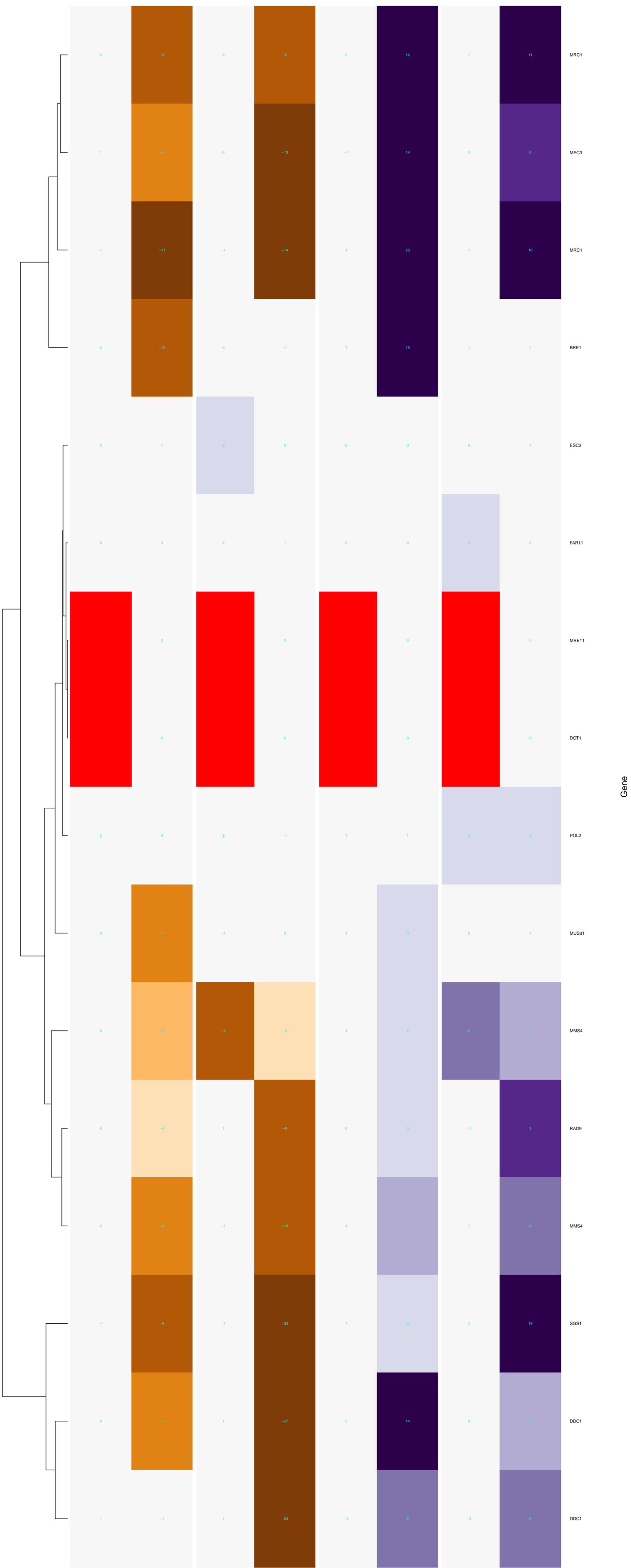
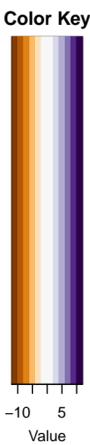


mitotic G1 DNA damage checkpoint

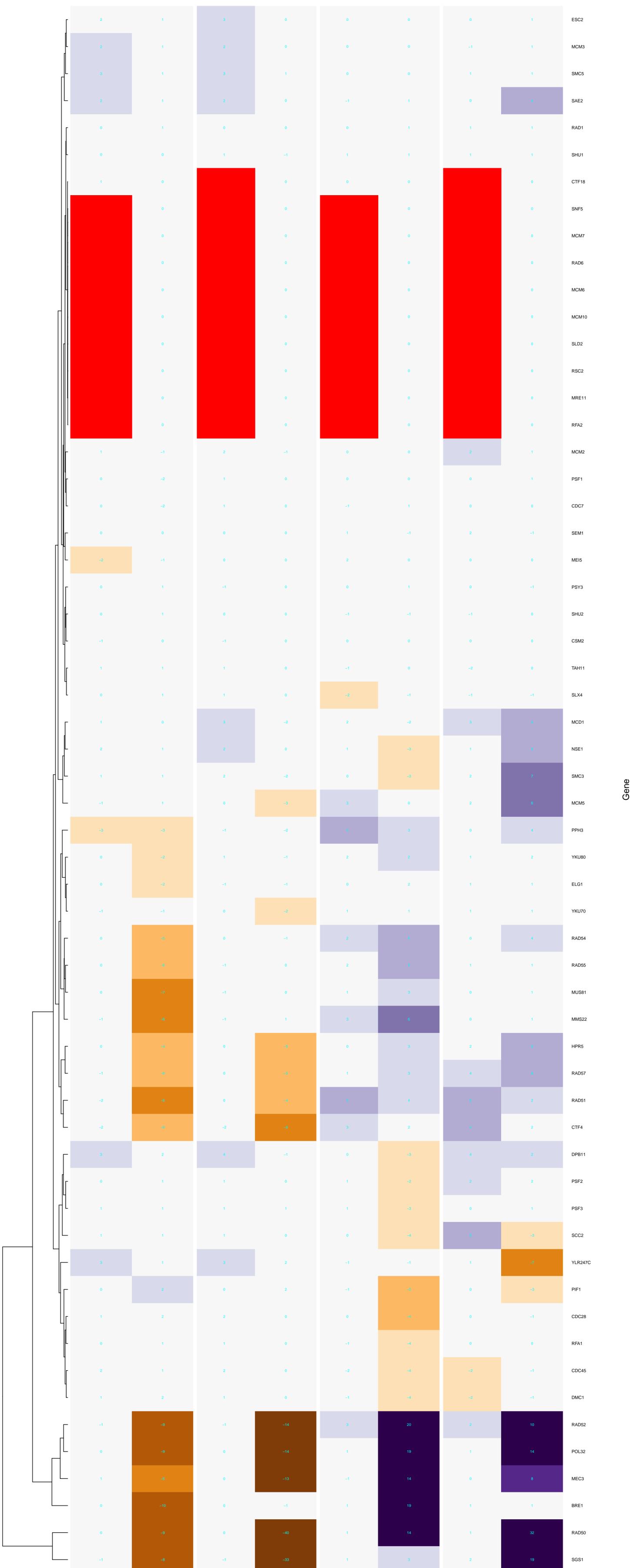


Gene

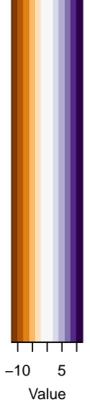
intra-S DNA damage checkpoint



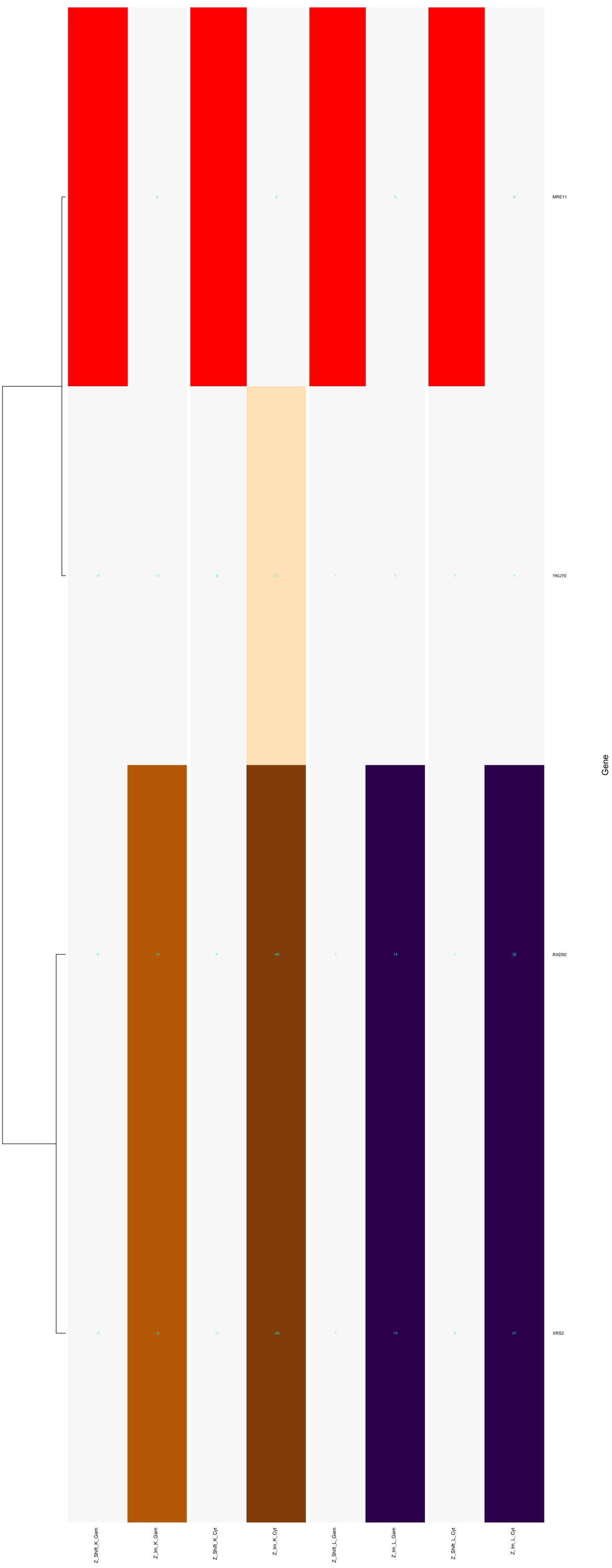
double-strand break repair via homologous recombination



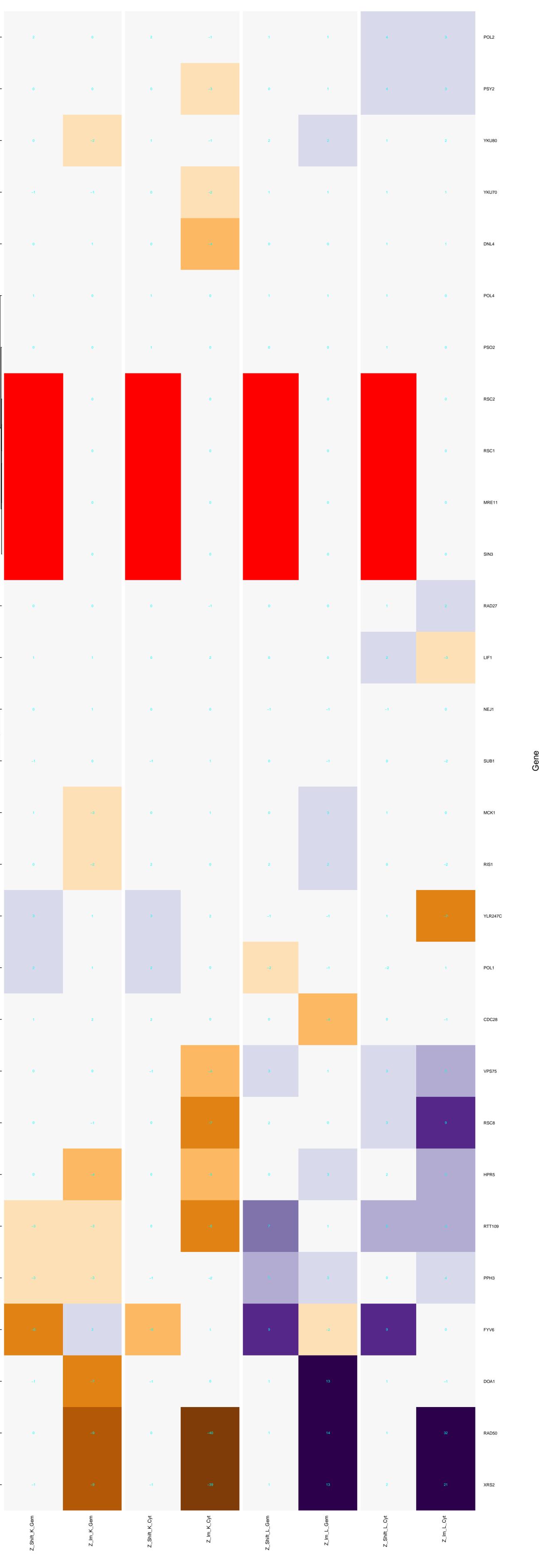
Color Key



mitochondrial double-strand break repair via homologous recombination

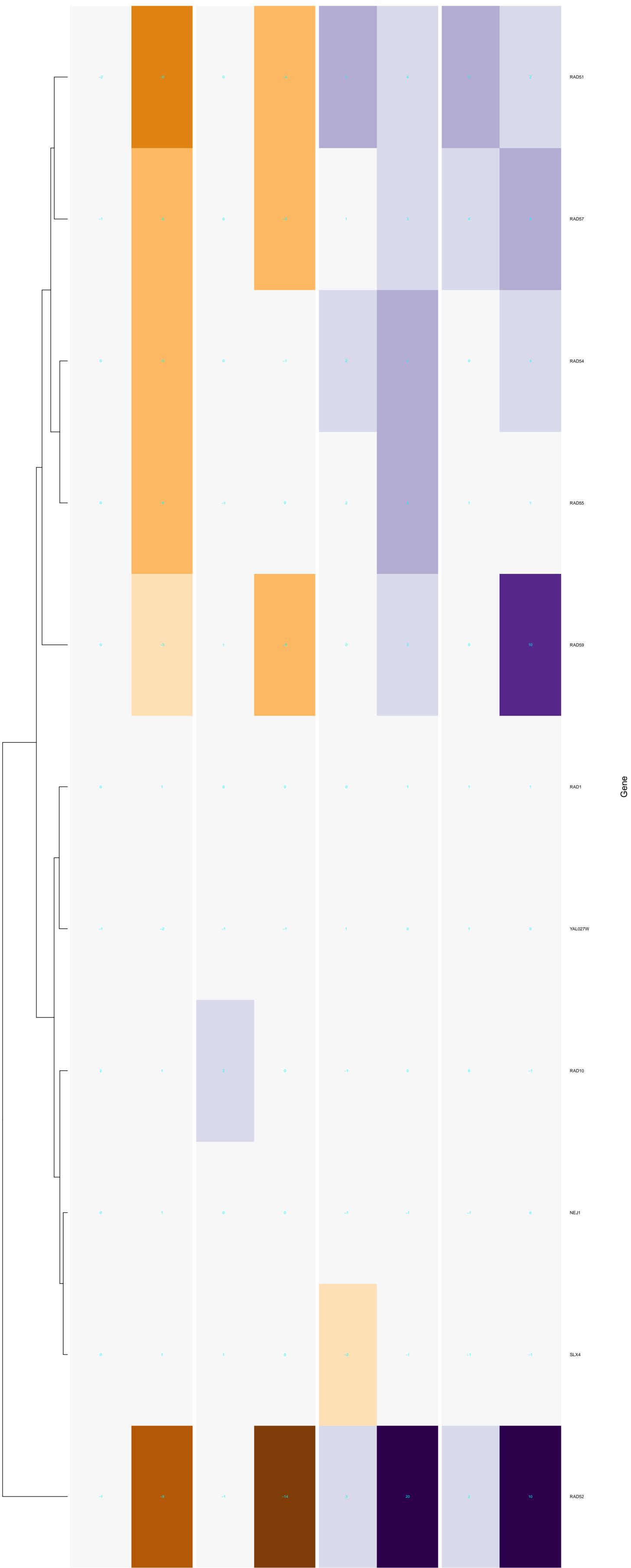


double-strand break repair via nonhomologous end joining

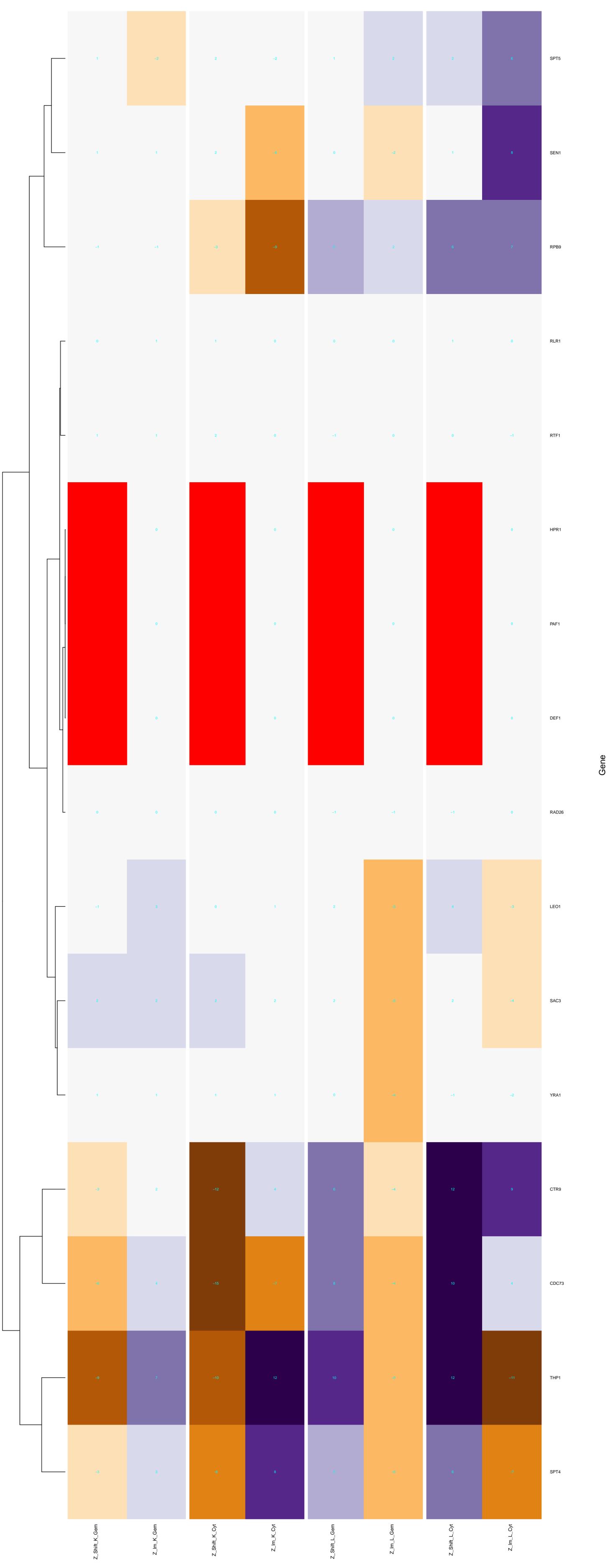


Gene

double-strand break repair via single-strand annealing

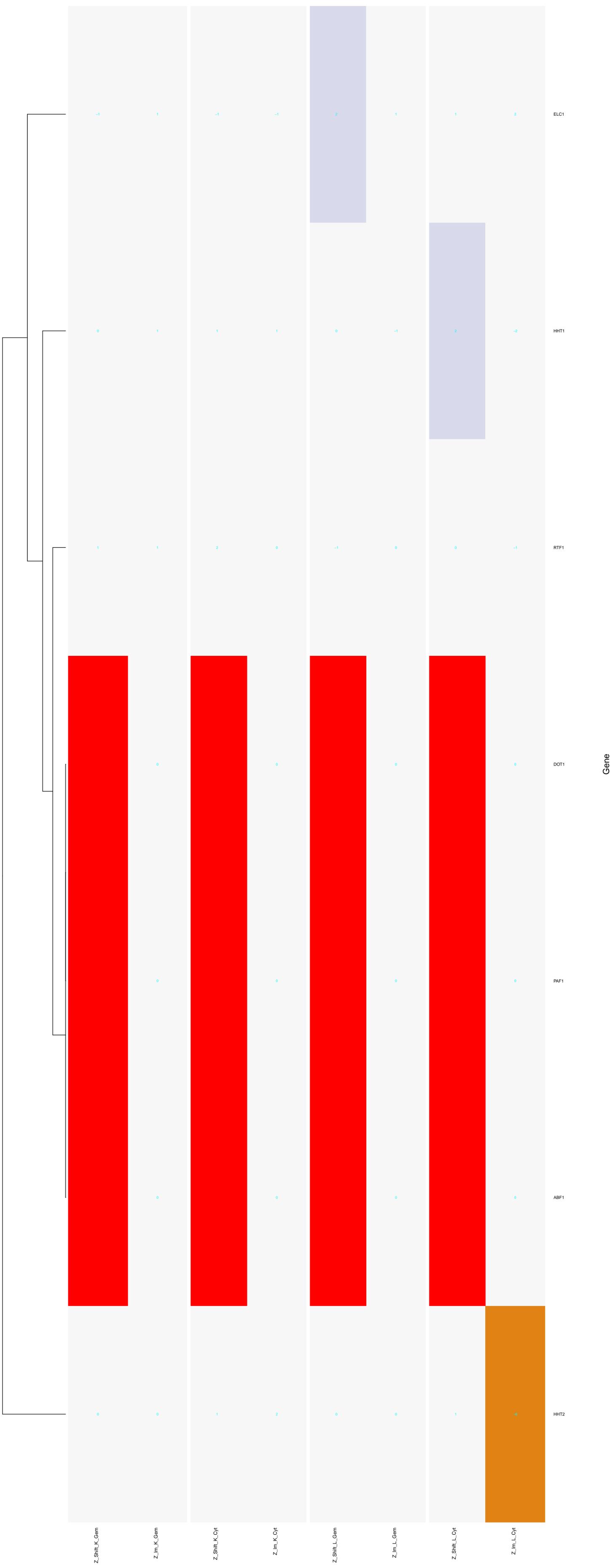
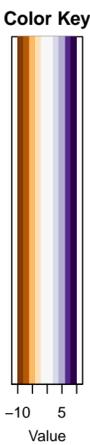


transcription-coupled nucleotide-excision repair

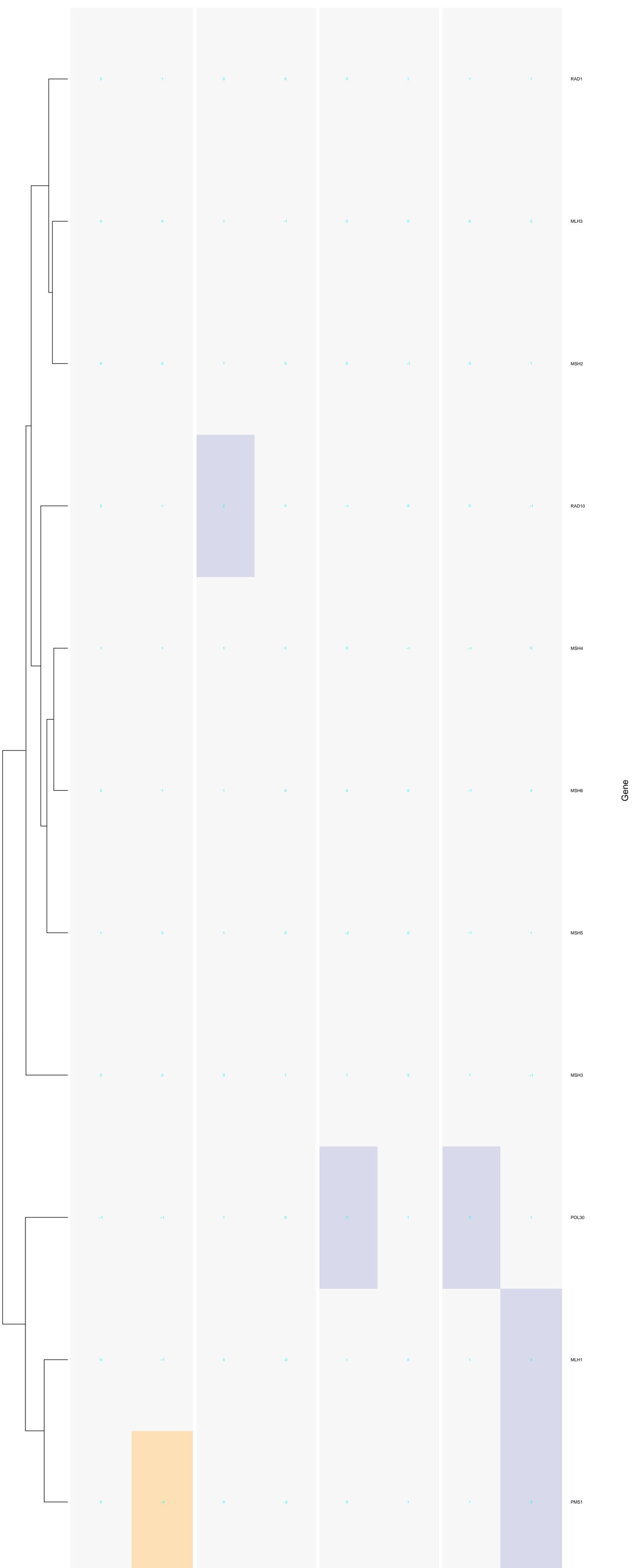
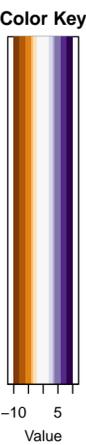


Gene

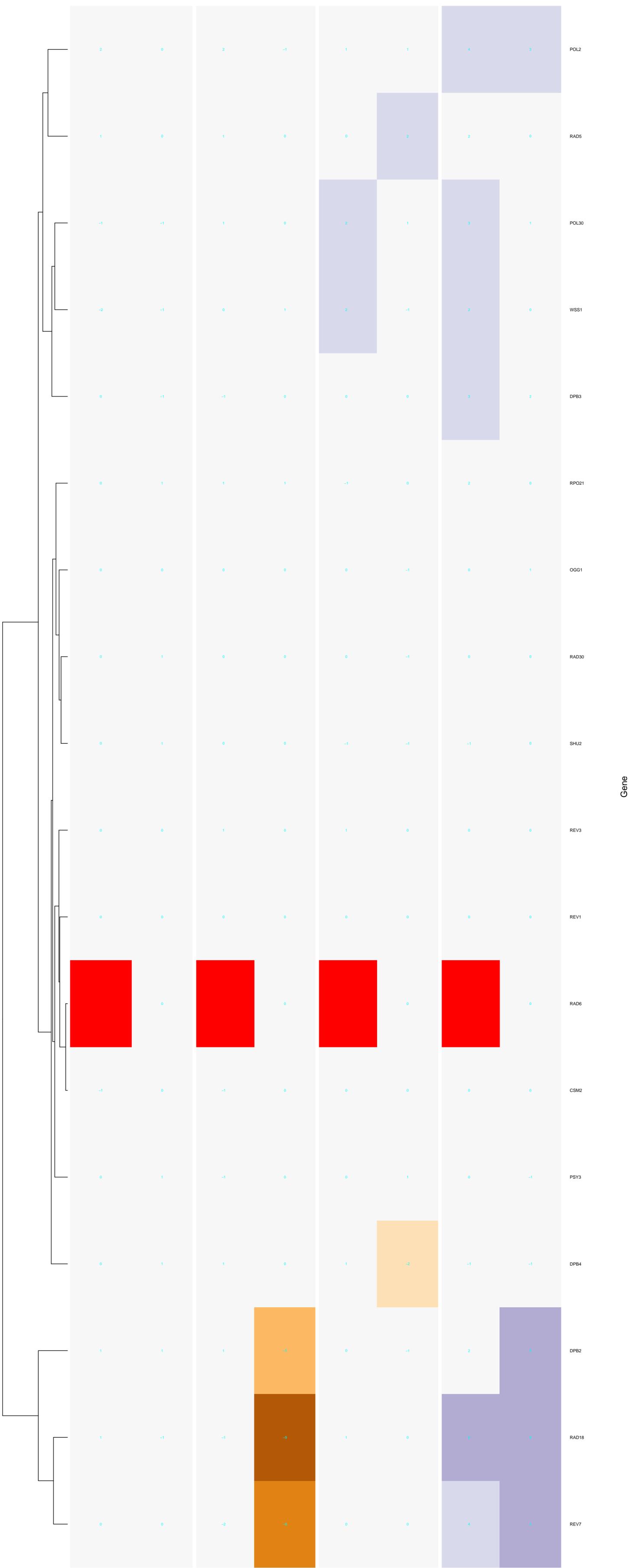
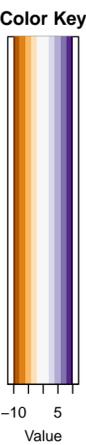
global genome nucleotide–excision repair



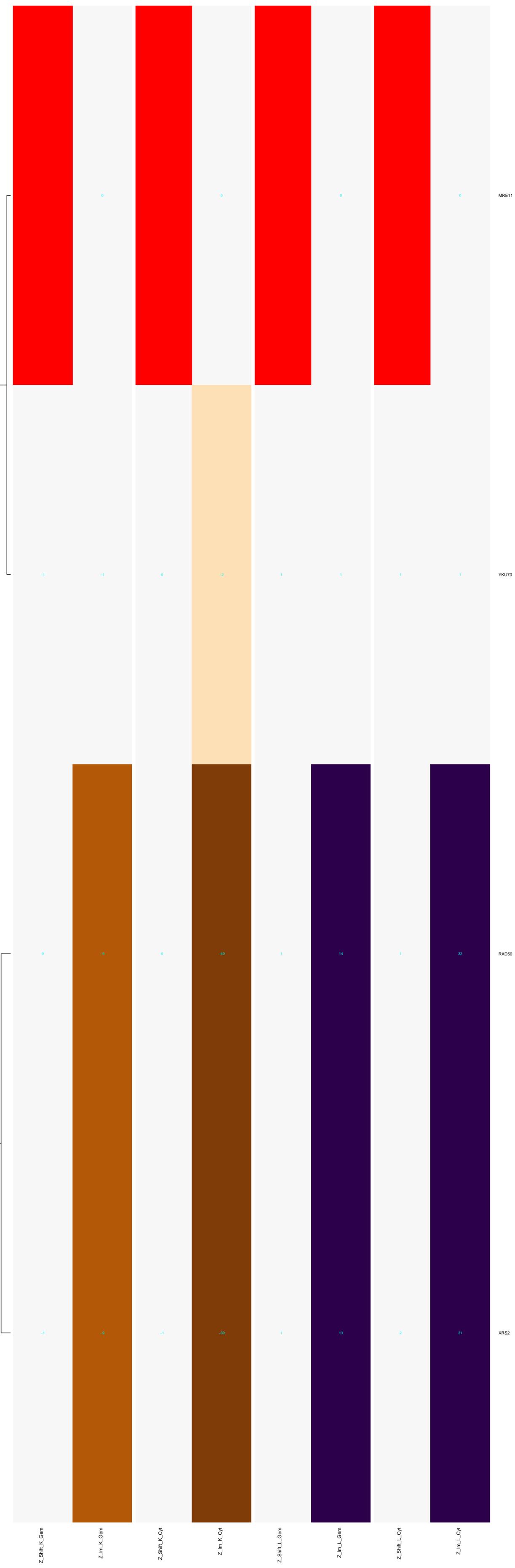
meiotic mismatch repair



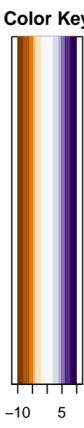
translesion synthesis



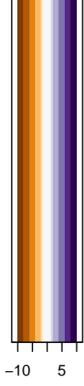
mitochondrial double-strand break repair



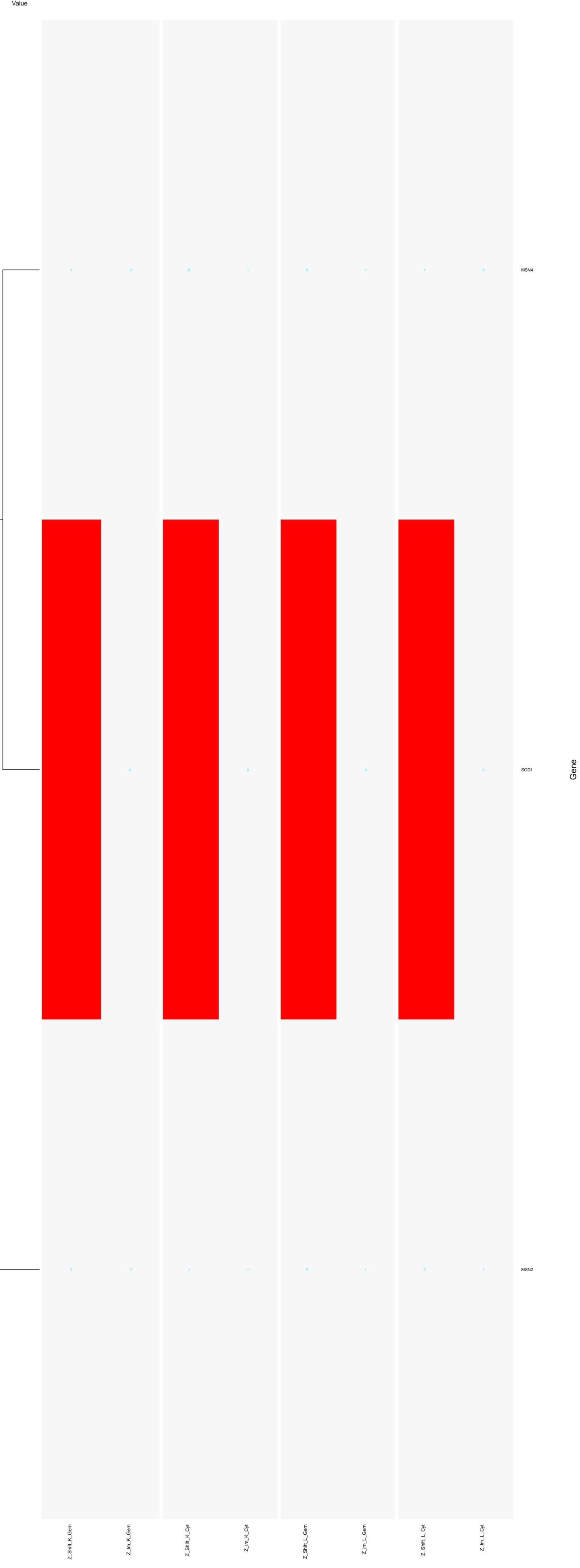
Gene

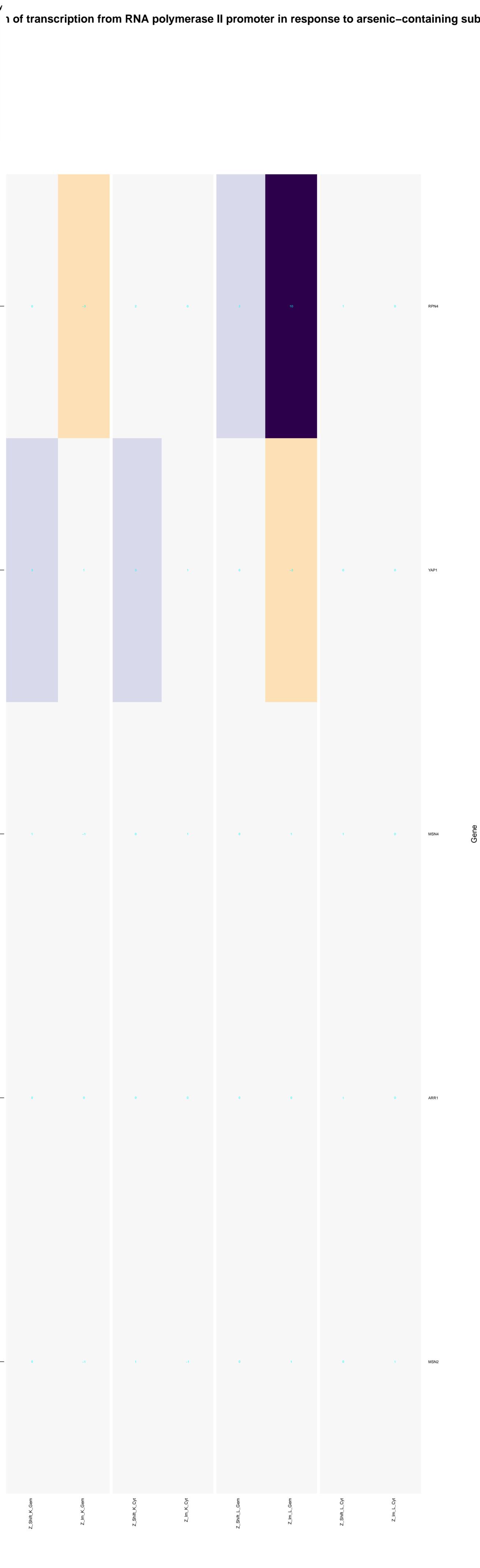
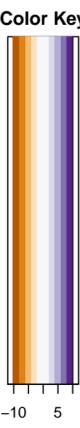


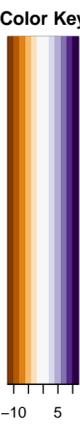
Color Key



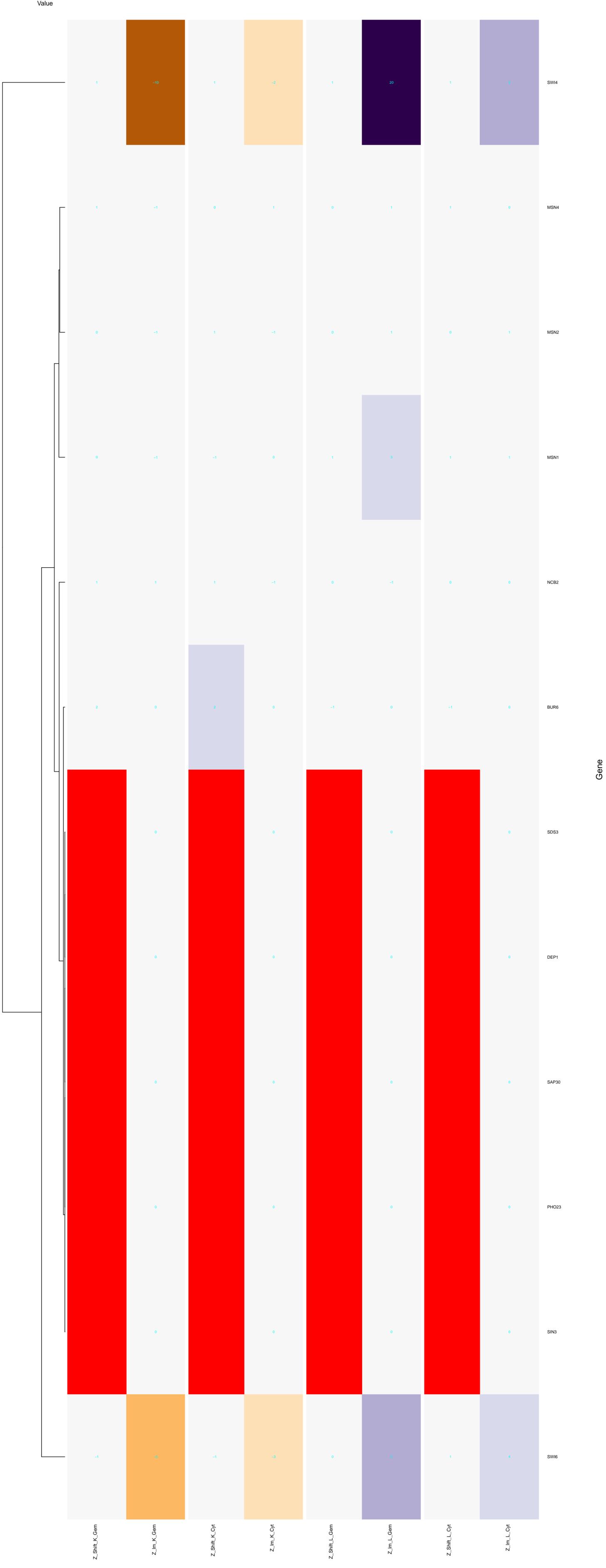
Regulation of transcription from RNA polymerase II promoter in response to oxidative stress



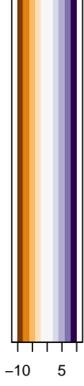




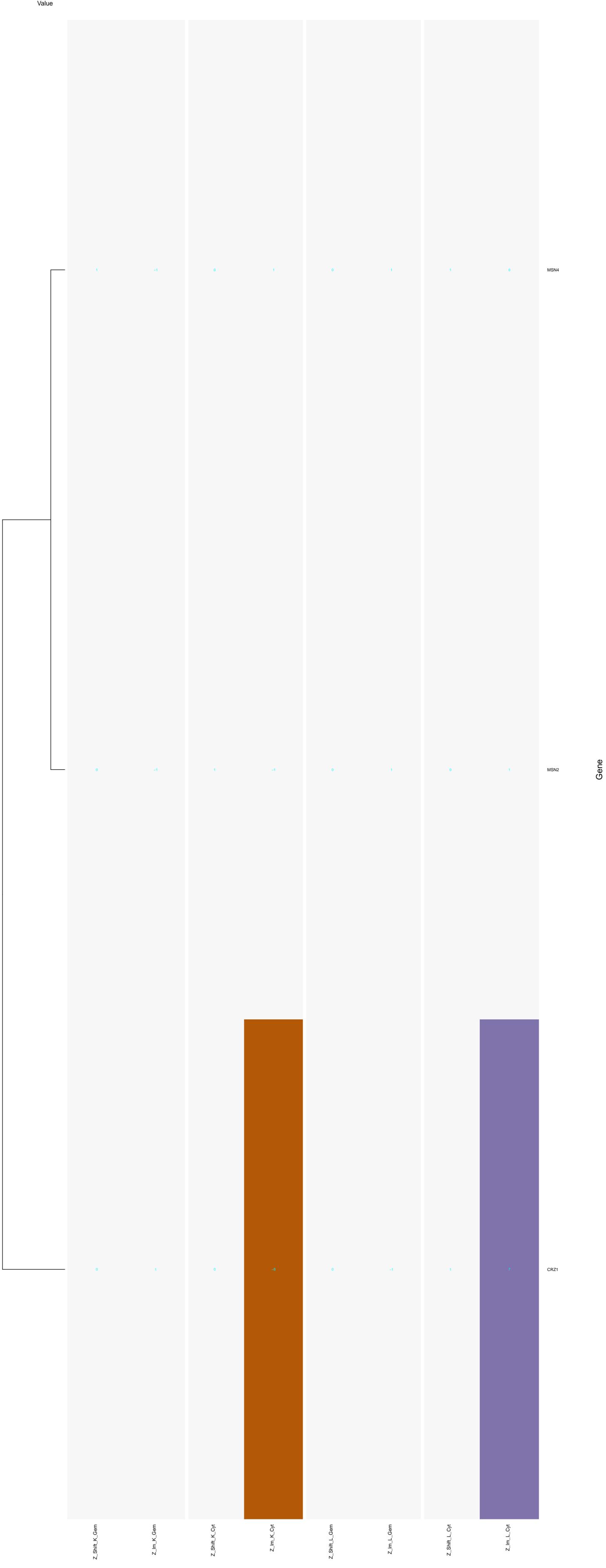
regulation of transcription from RNA polymerase II promoter in response to heat stress

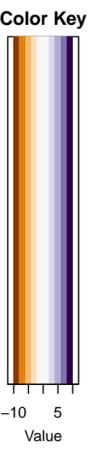


Color Key

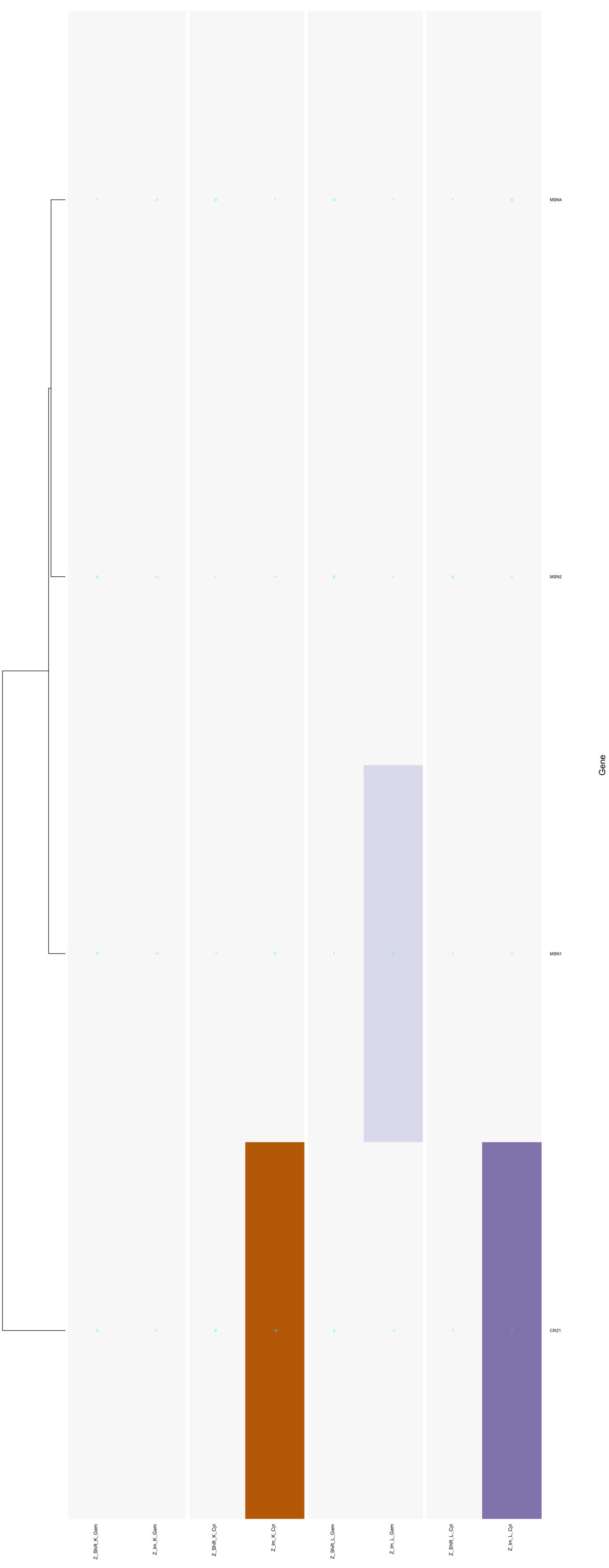


regulation of transcription from RNA polymerase II promoter in response to alkaline pH

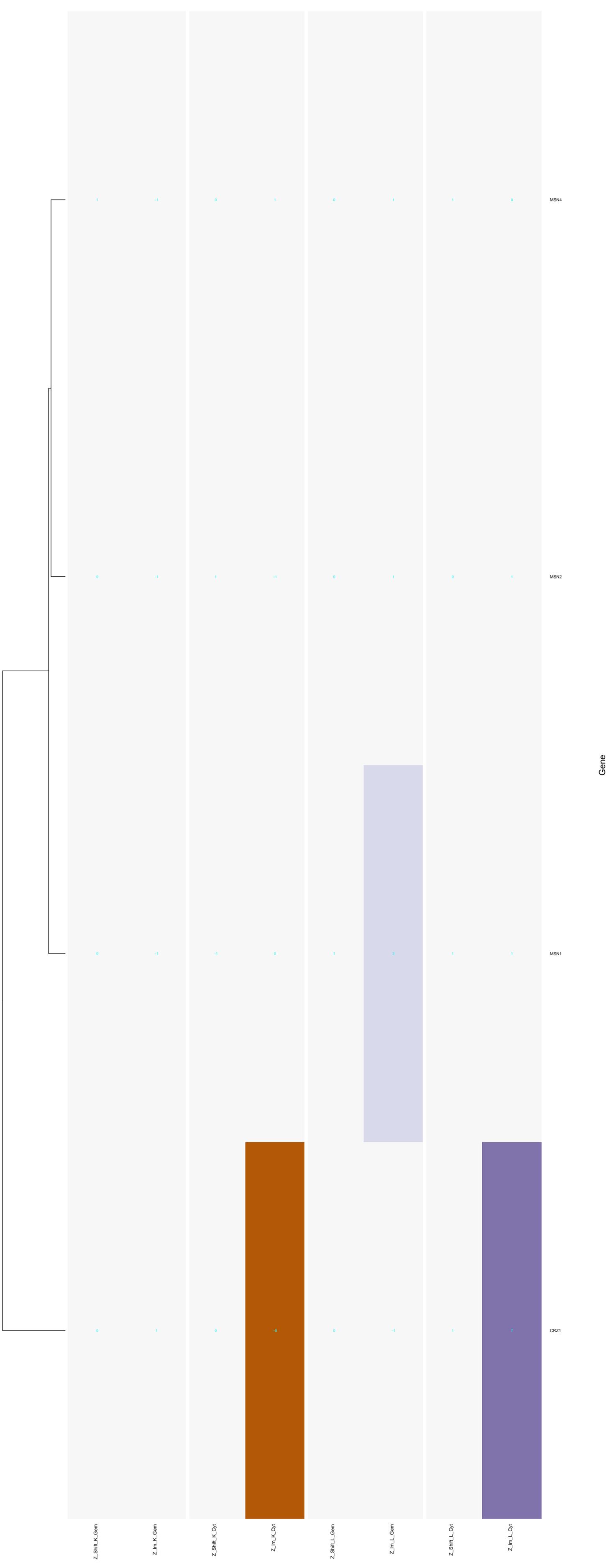
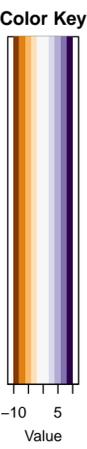




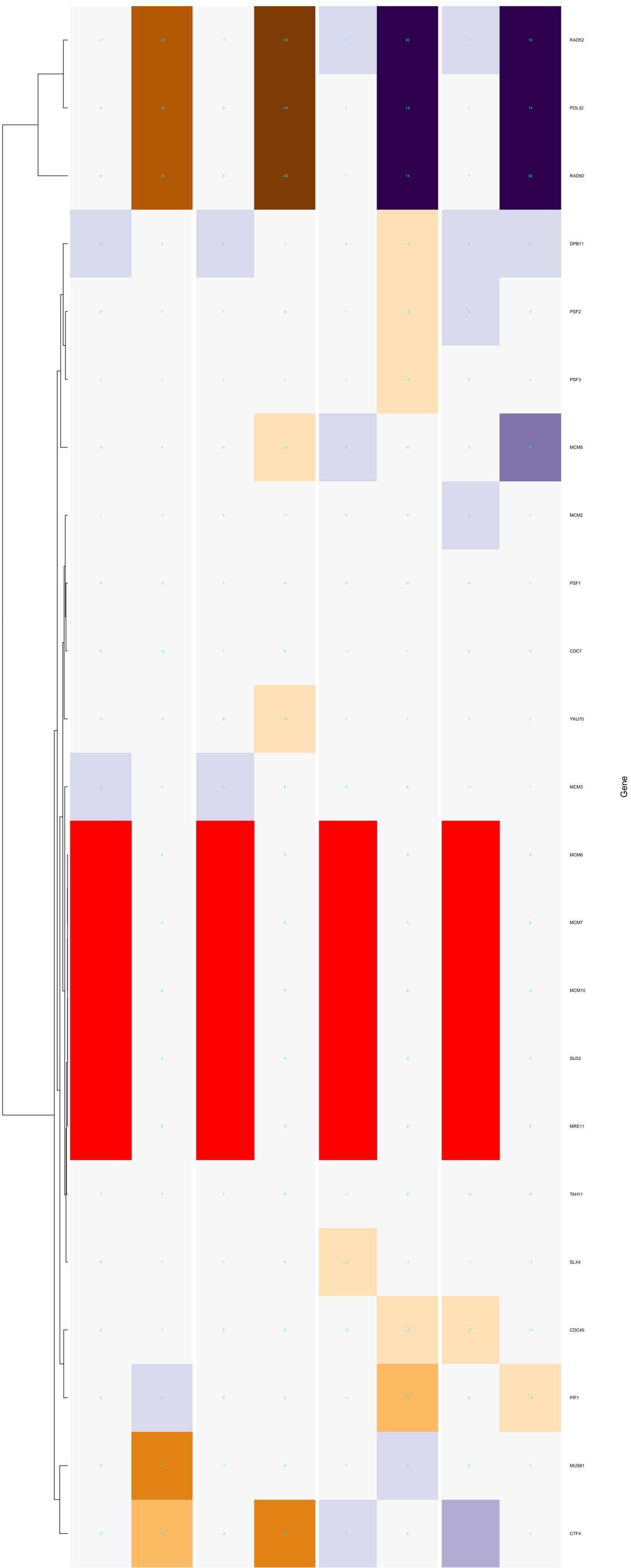
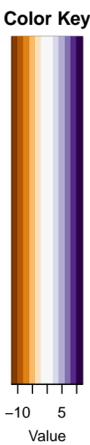
regulation of transcription from RNA polymerase II promoter in response to salt stress



Regulation of transcription from RNA polymerase II promoter in response to increased salt

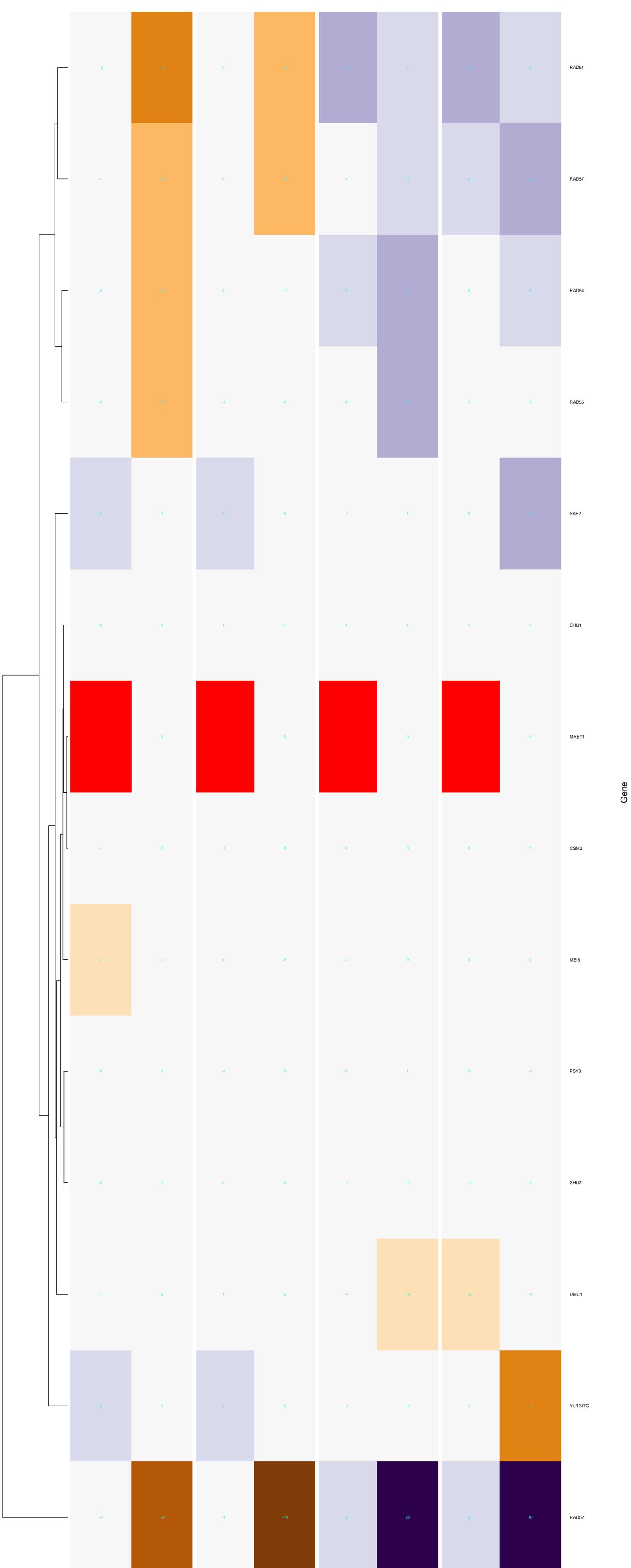


double-strand break repair via break-induced replication



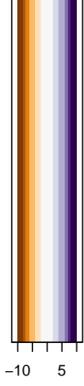
Gene

double-strand break repair via synthesis-dependent strand annealing



Gene

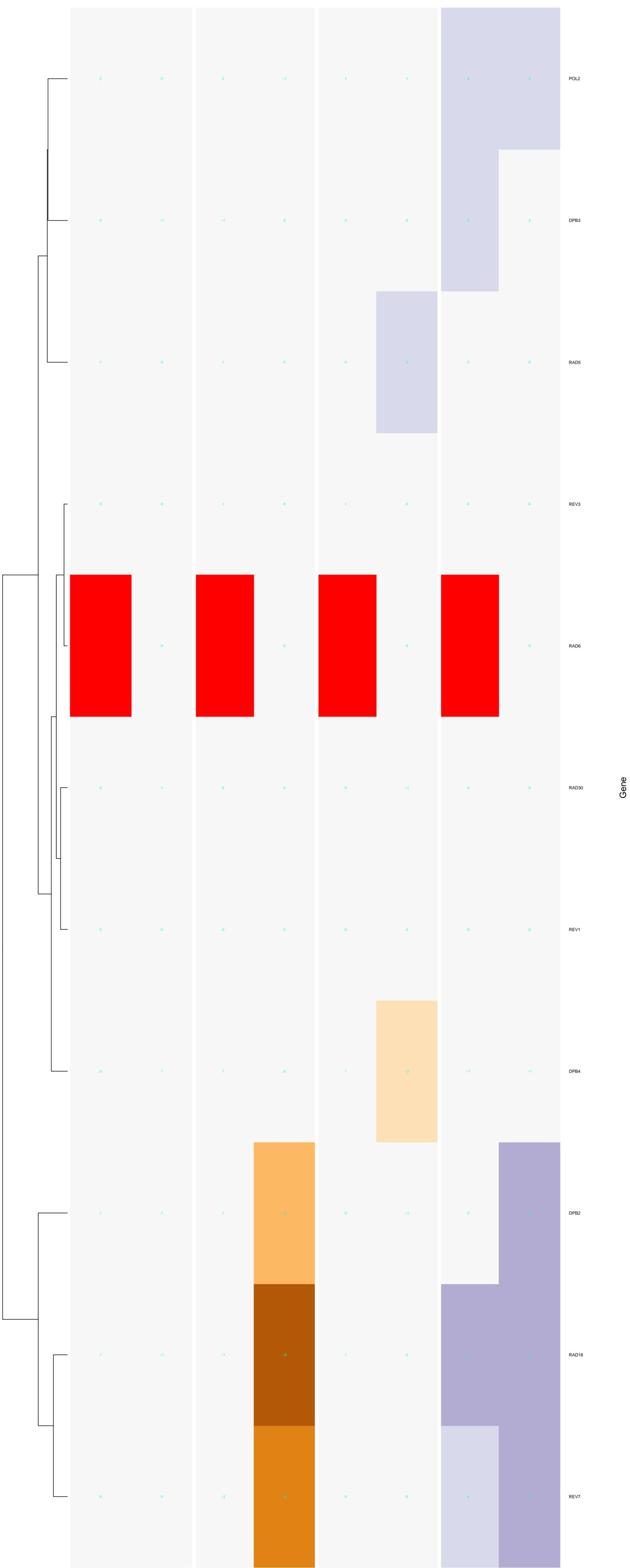
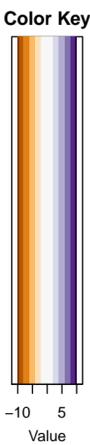
Color Key



replication-born double-strand break repair via sister chromatid exchange



error-prone translesion synthesis



error-free translesion synthesis

