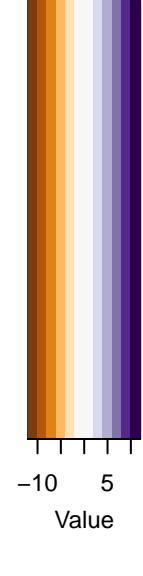
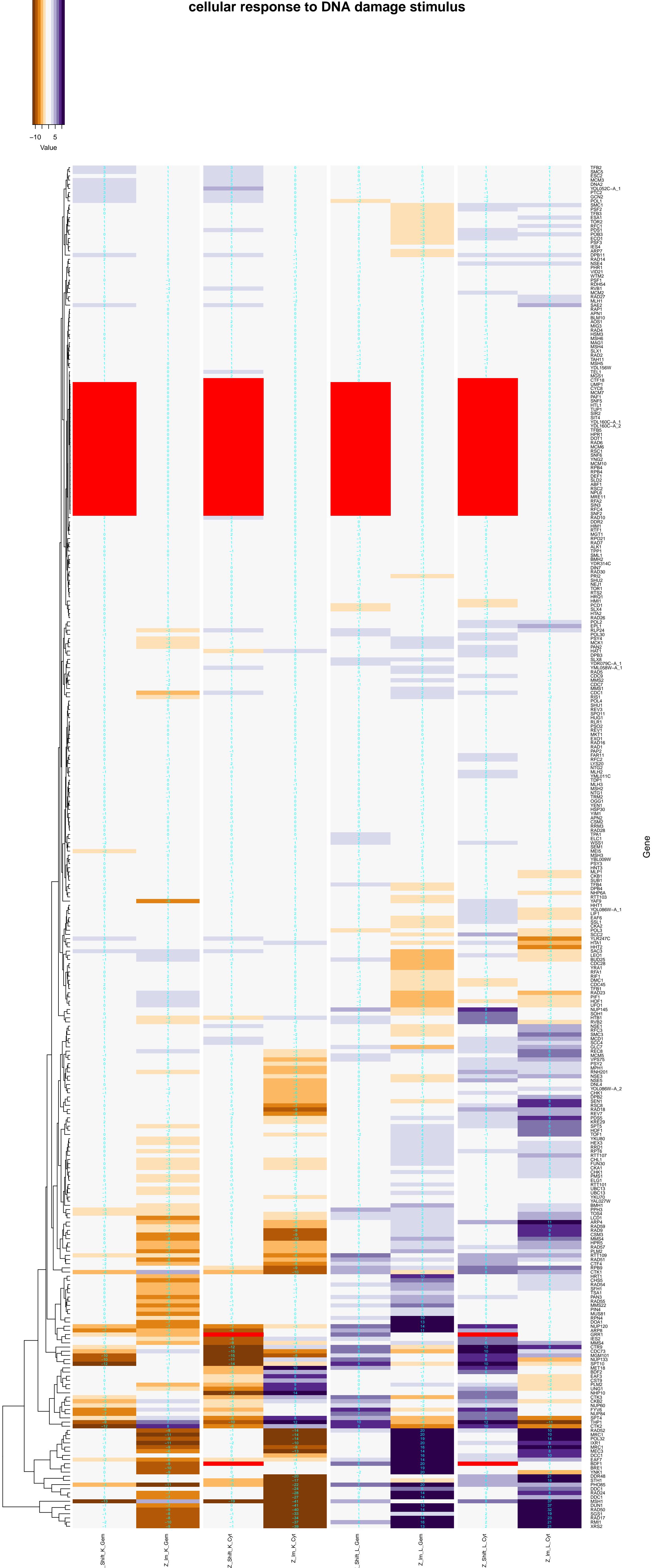


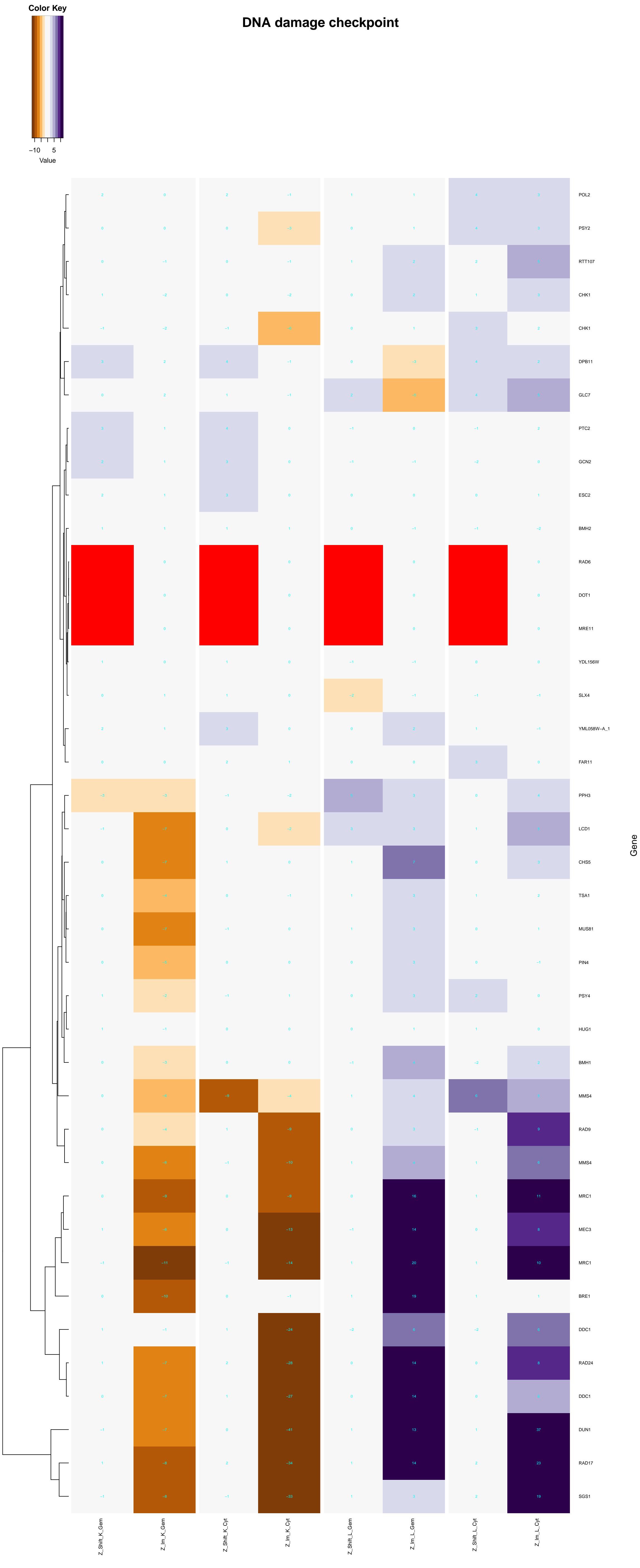
Color Key



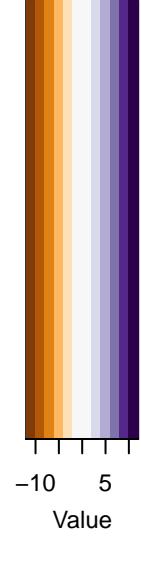
cellular response to DNA damage stimulus



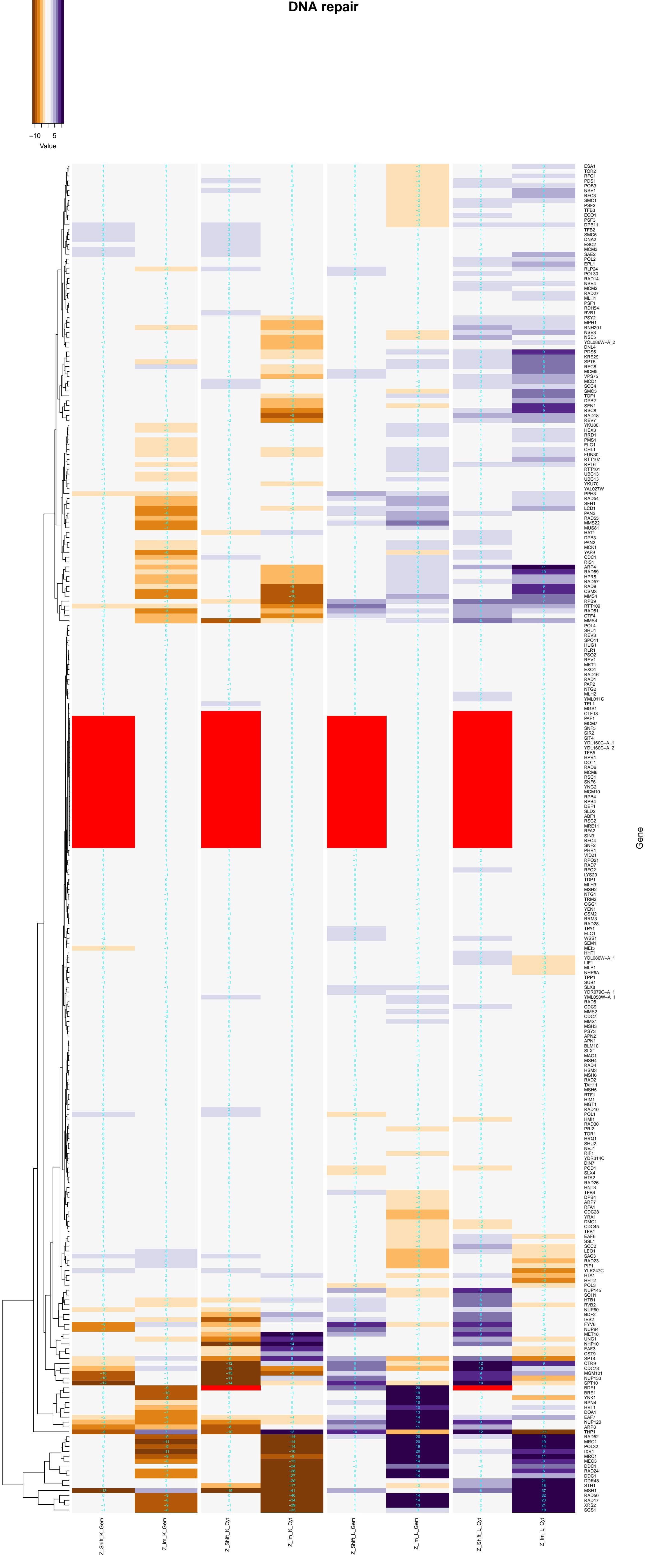
DNA damage checkpoint



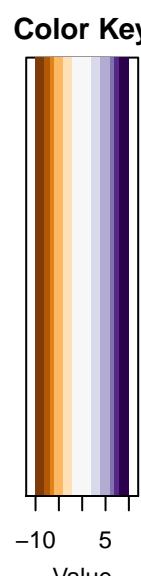
Color Key



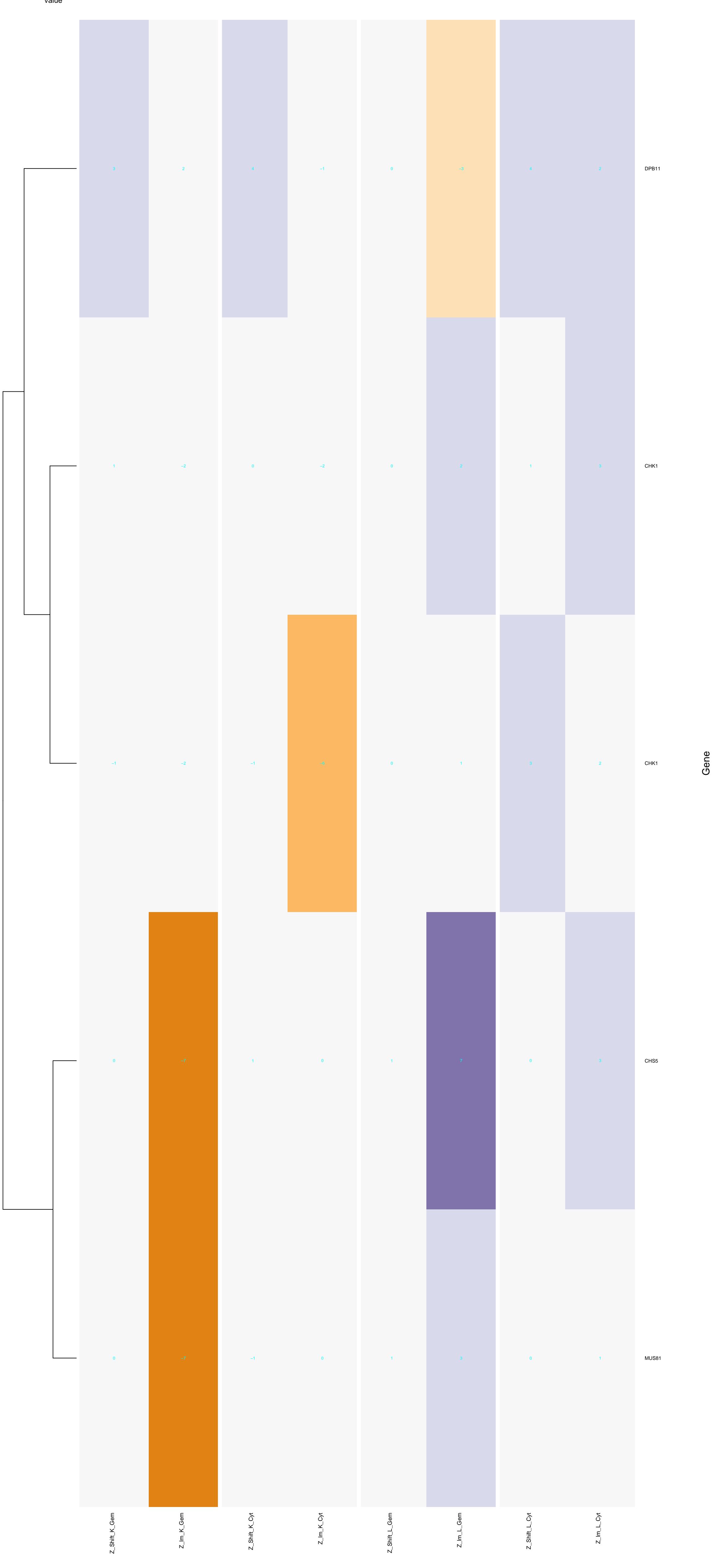
DNA repair



Color Key



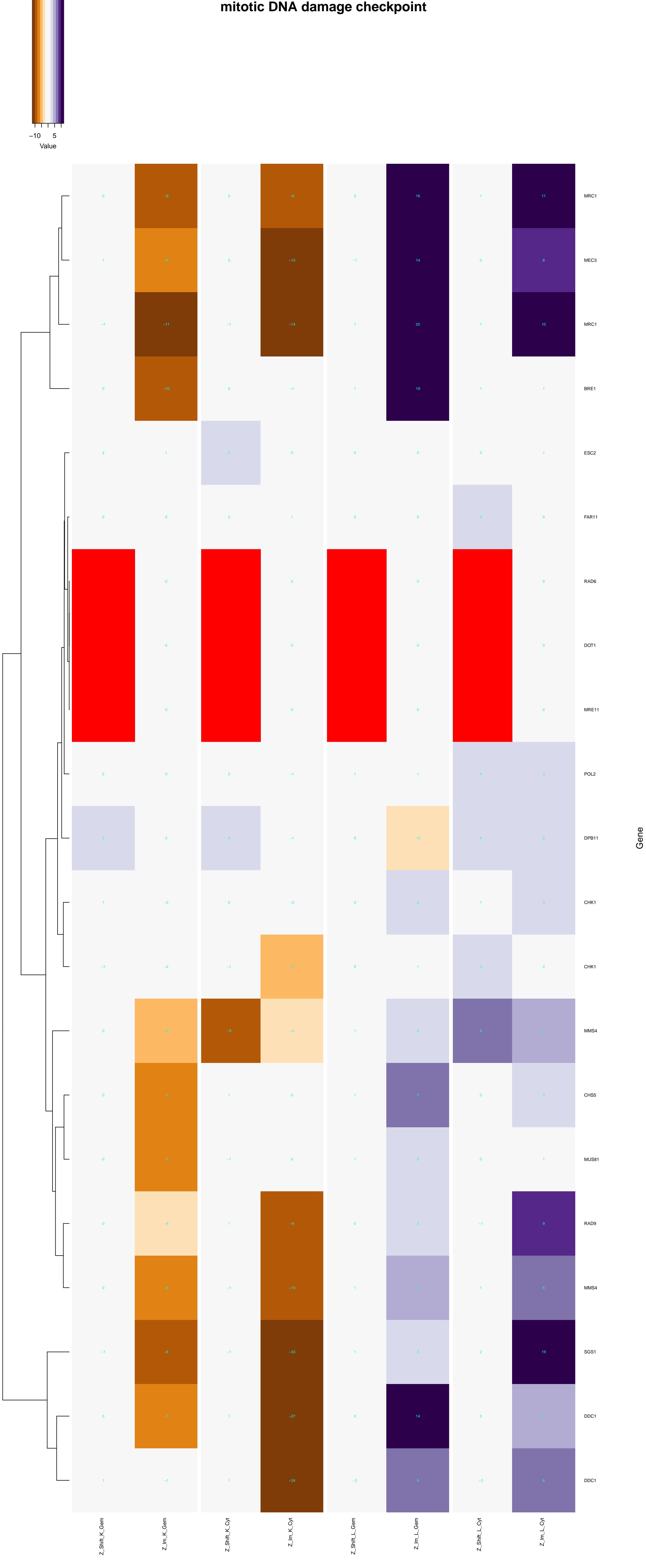
G2 DNA damage checkpoint



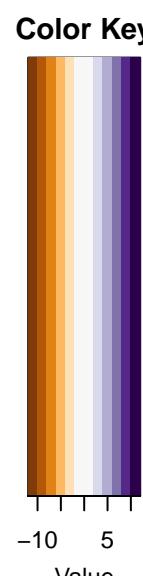
Color Key



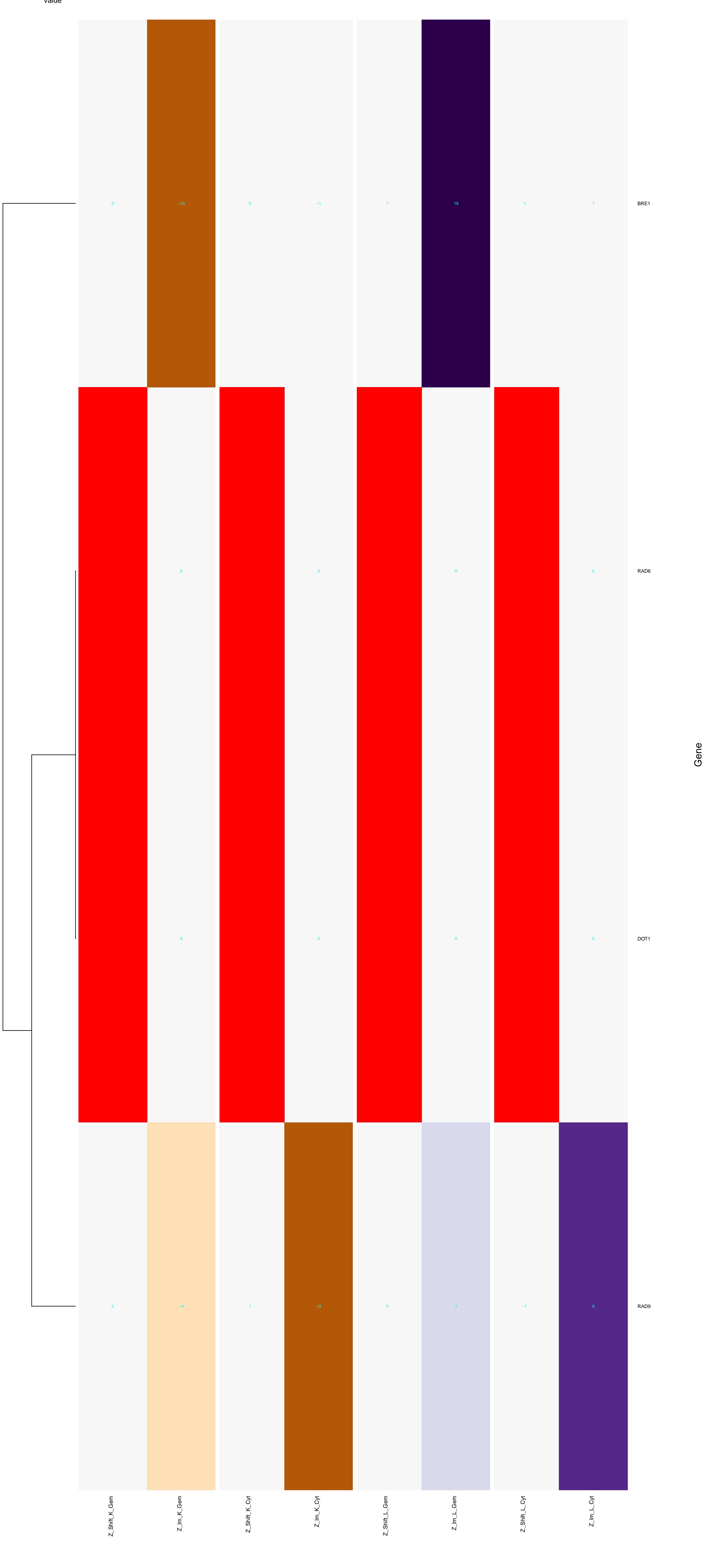
mitotic DNA damage checkpoint

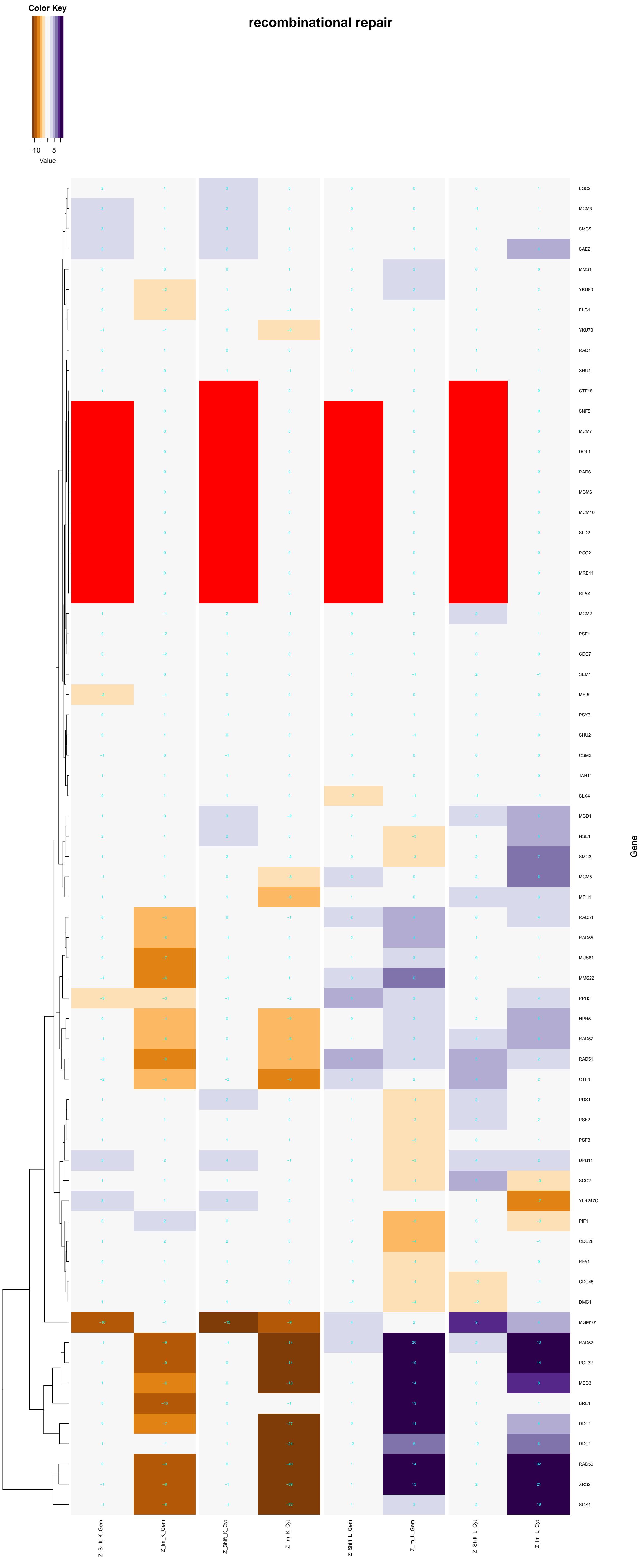


Color Key

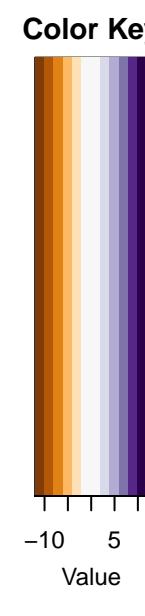


G1 DNA damage checkpoint

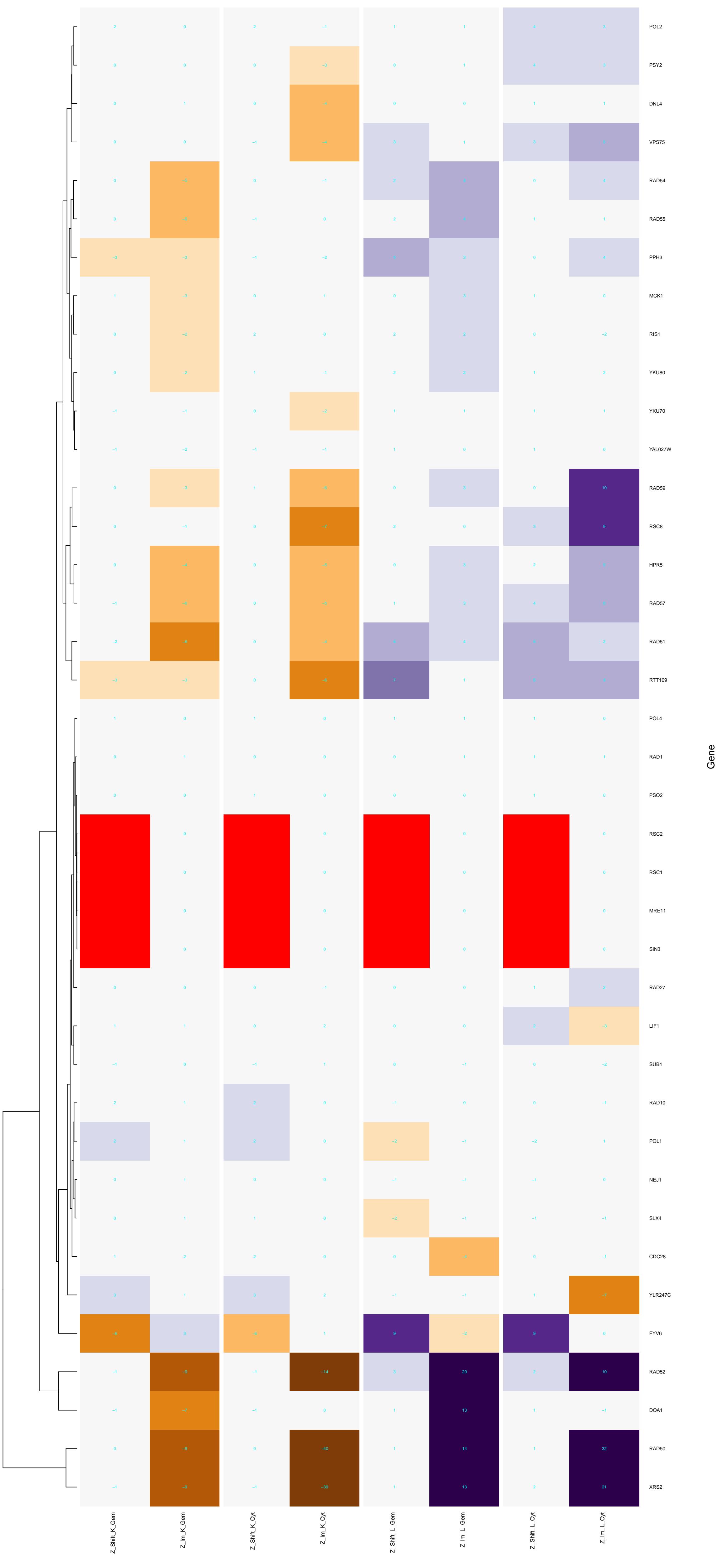




Color Key



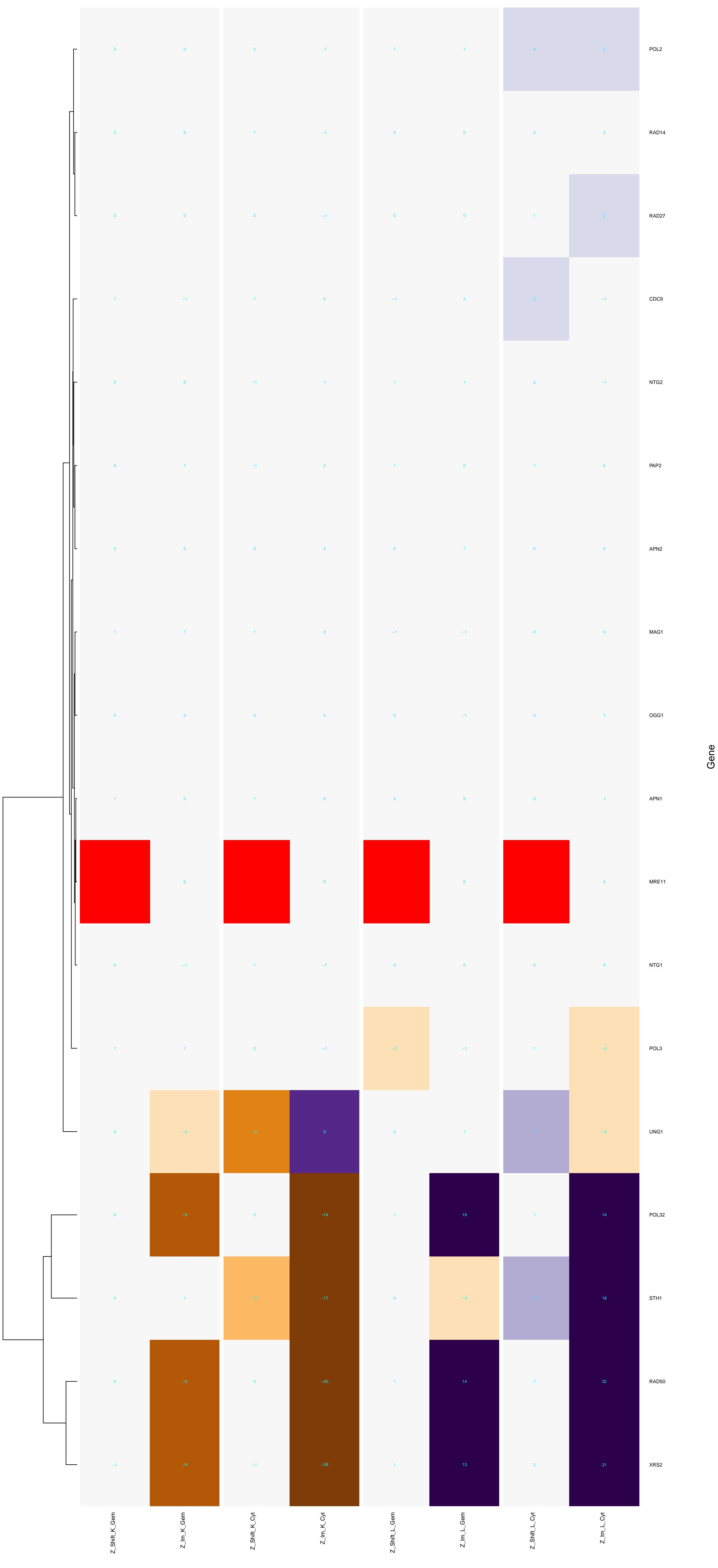
non-recombinational repair



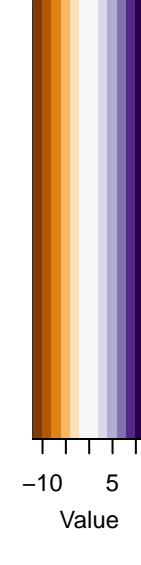
Color Key



base-excision repair



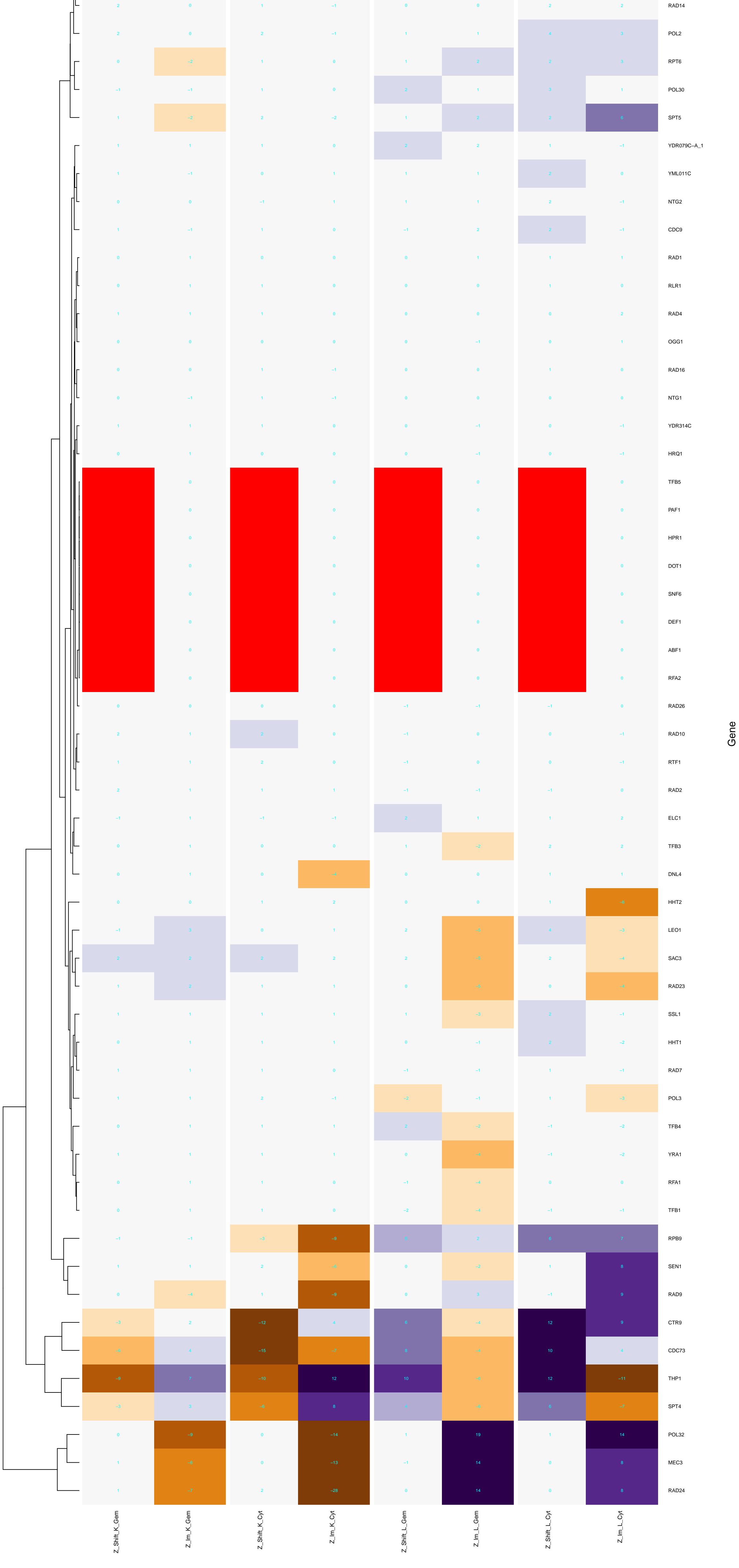
Color Key



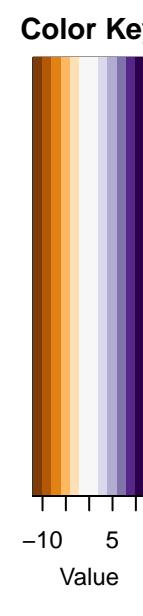
nucleotide-excision repair

Value

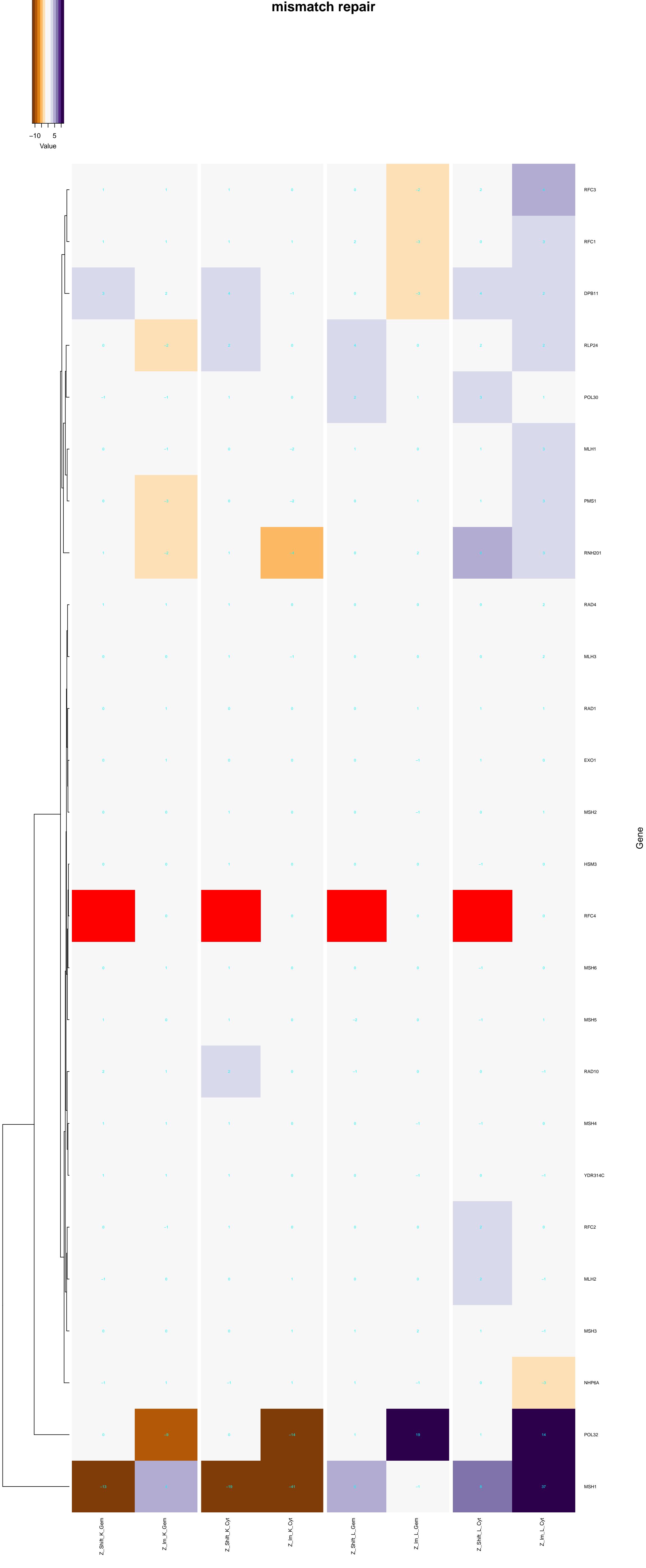
-10 5



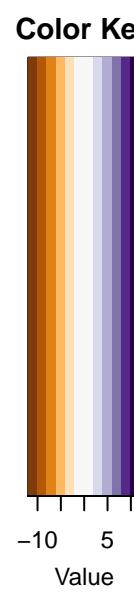
Color Key



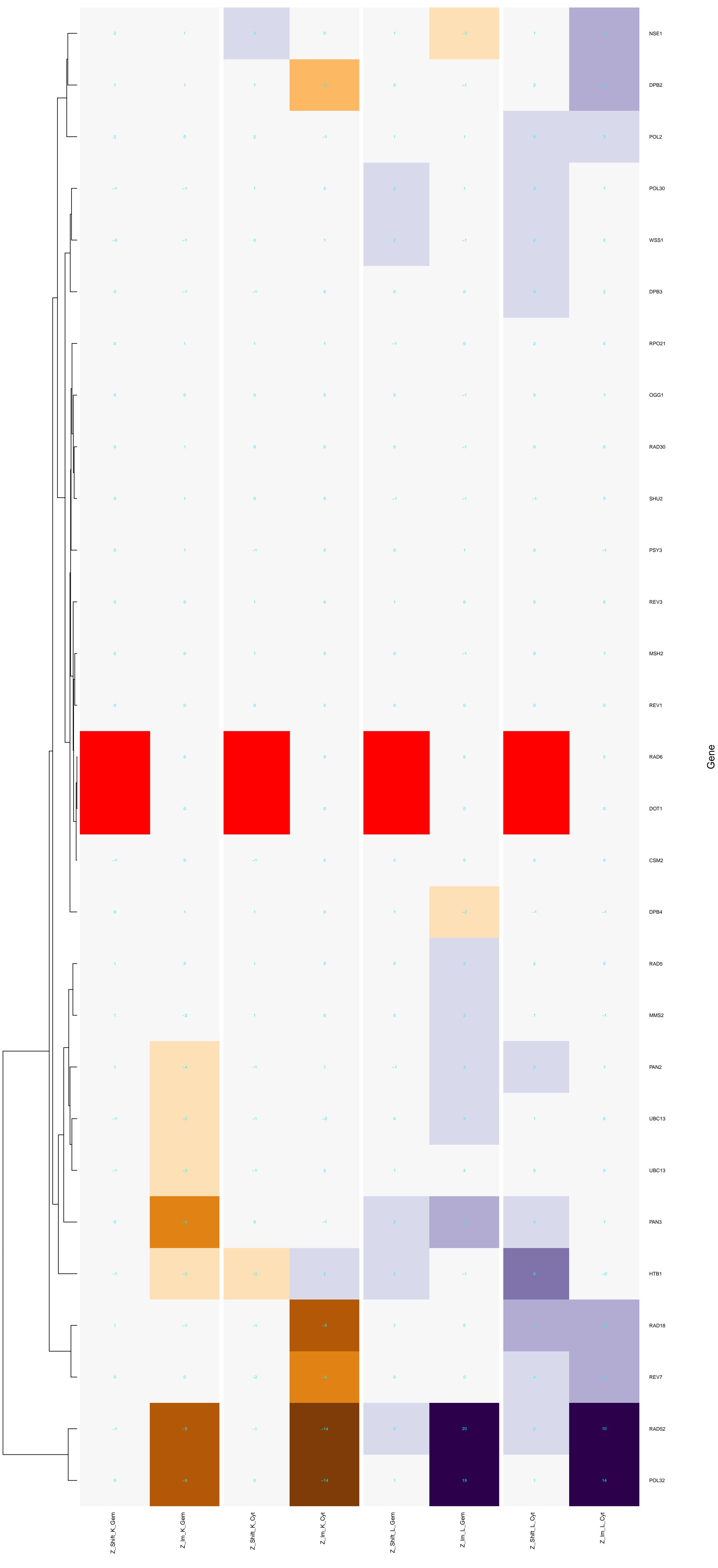
mismatch repair



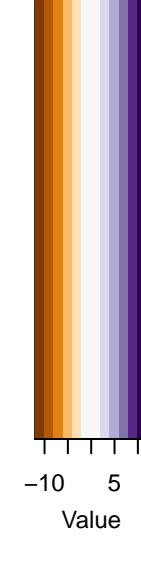
Color Key



postreplication repair



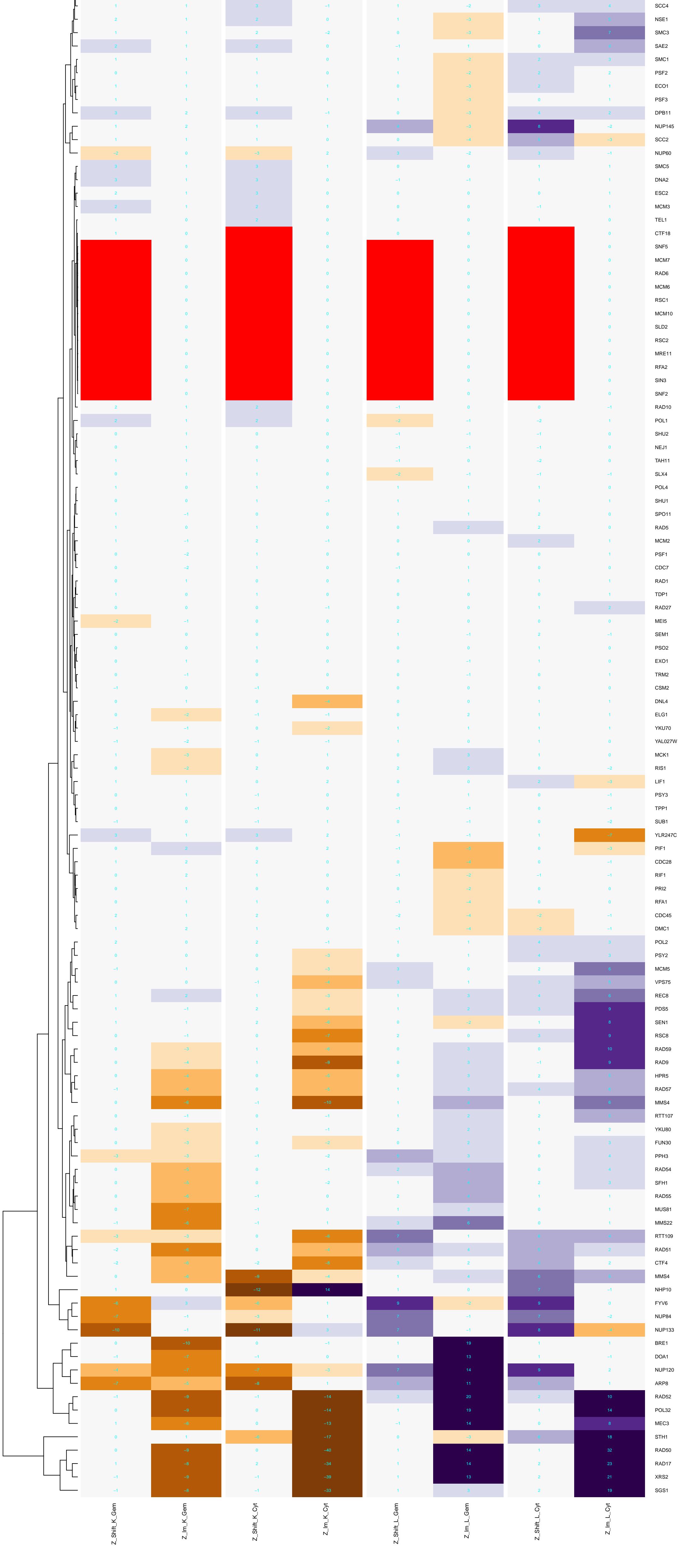
Color Key



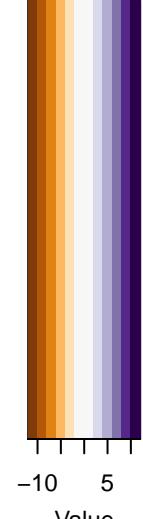
Value

double-strand break repair

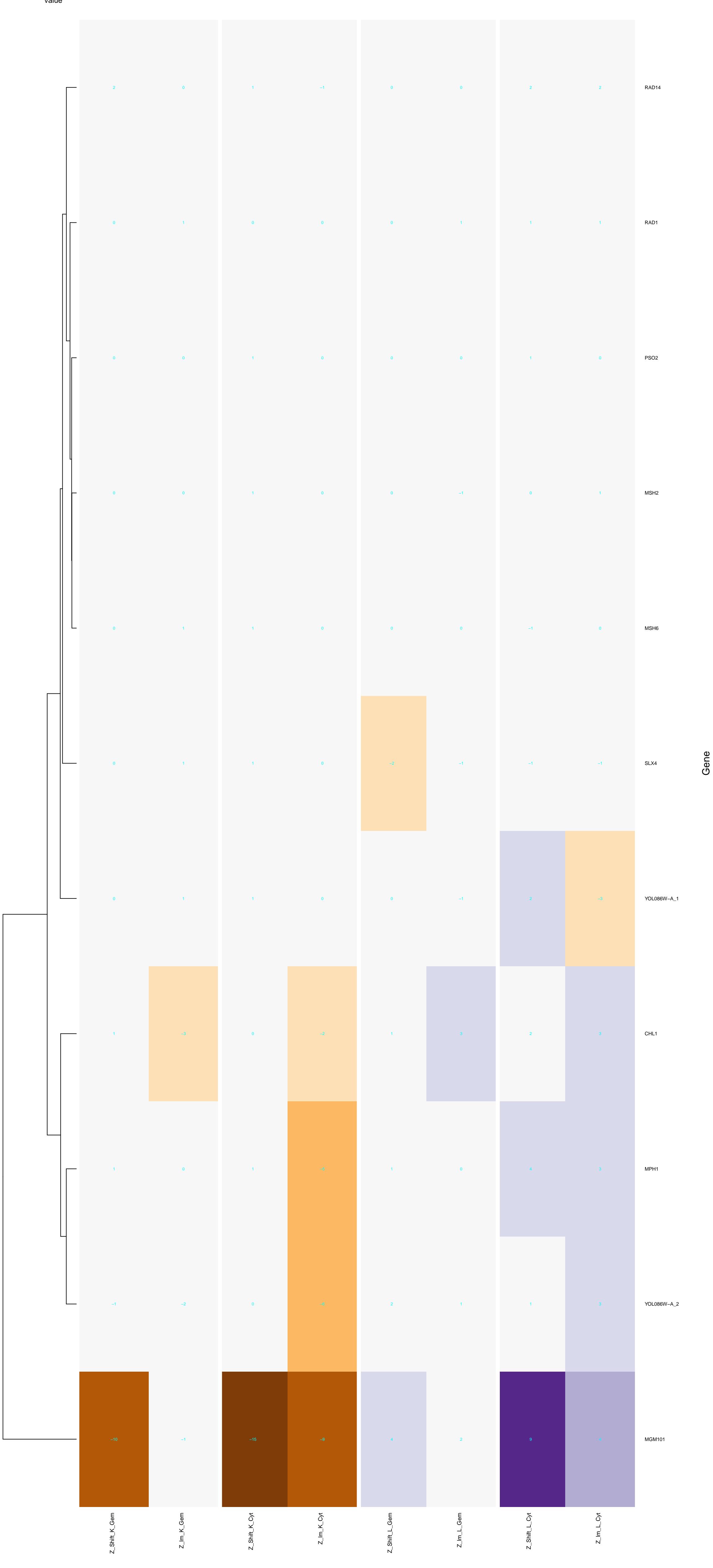
Gene

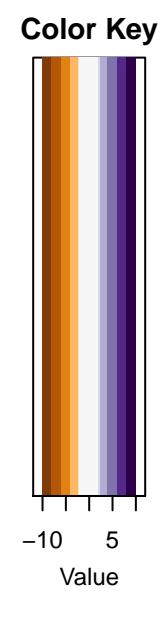


Color Key

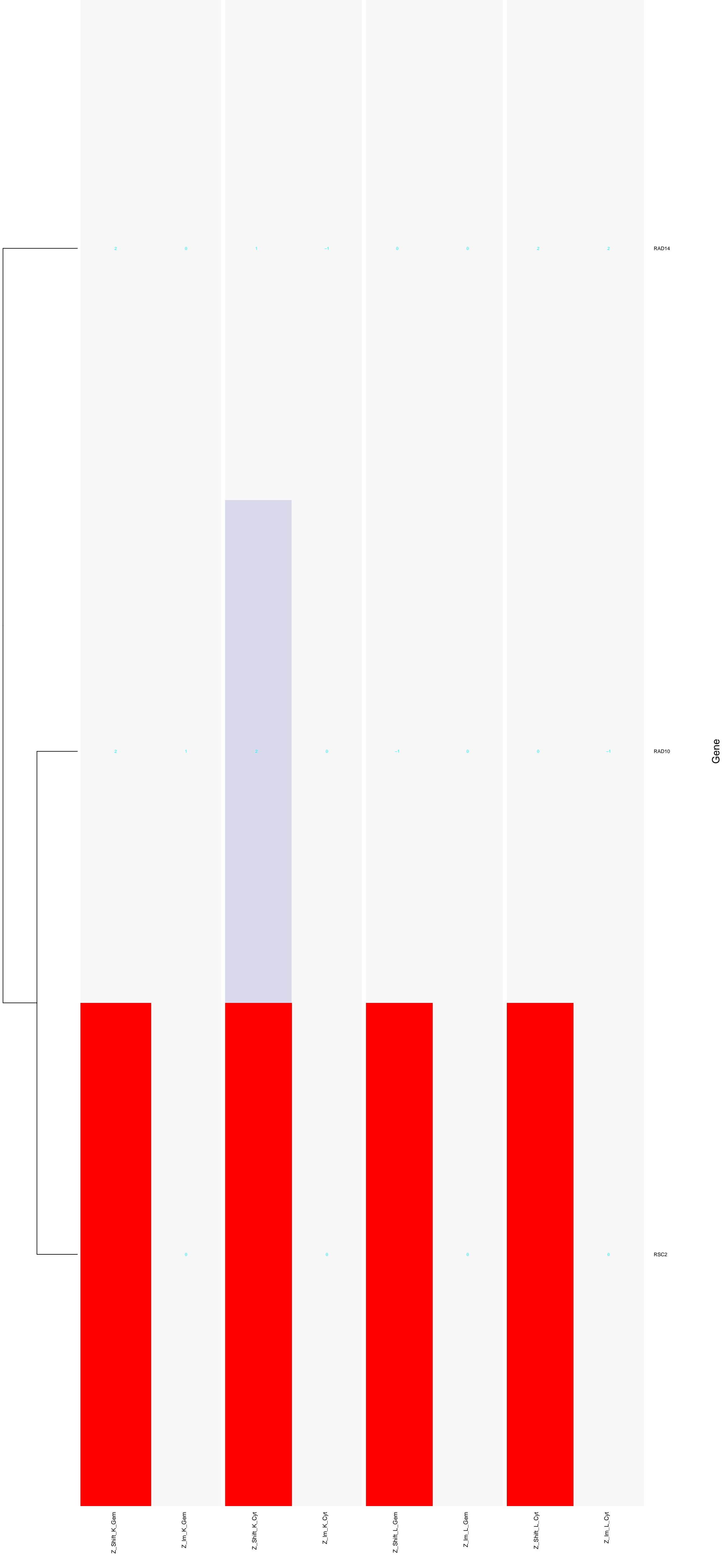


interstrand cross-link repair

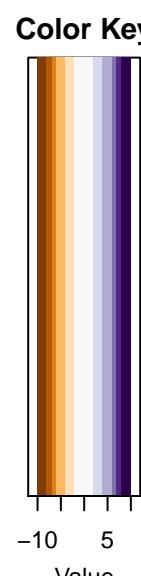




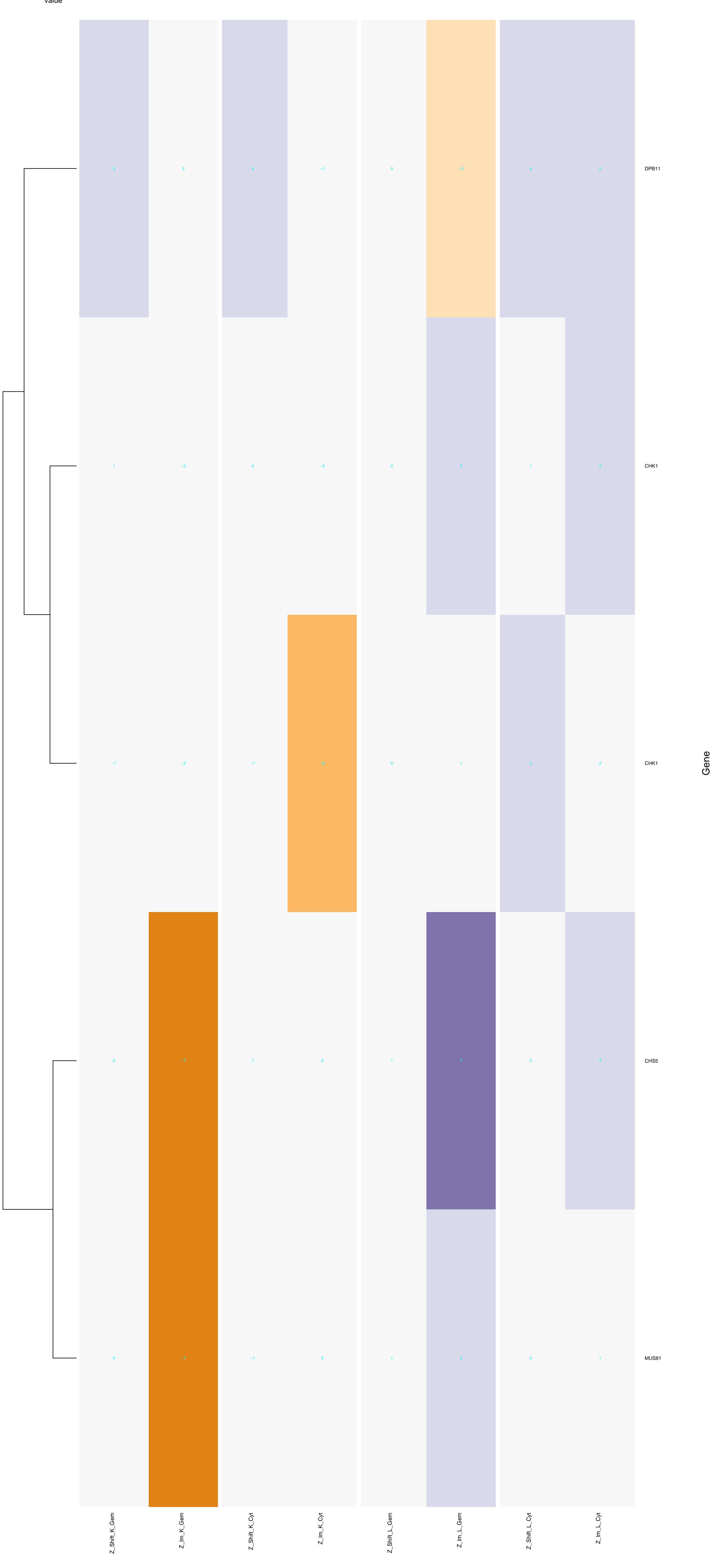
UV-damage excision repair

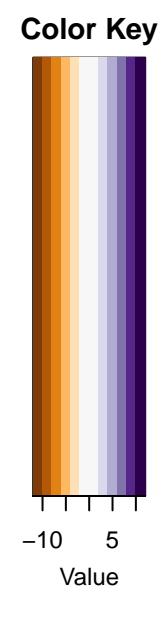


Color Key

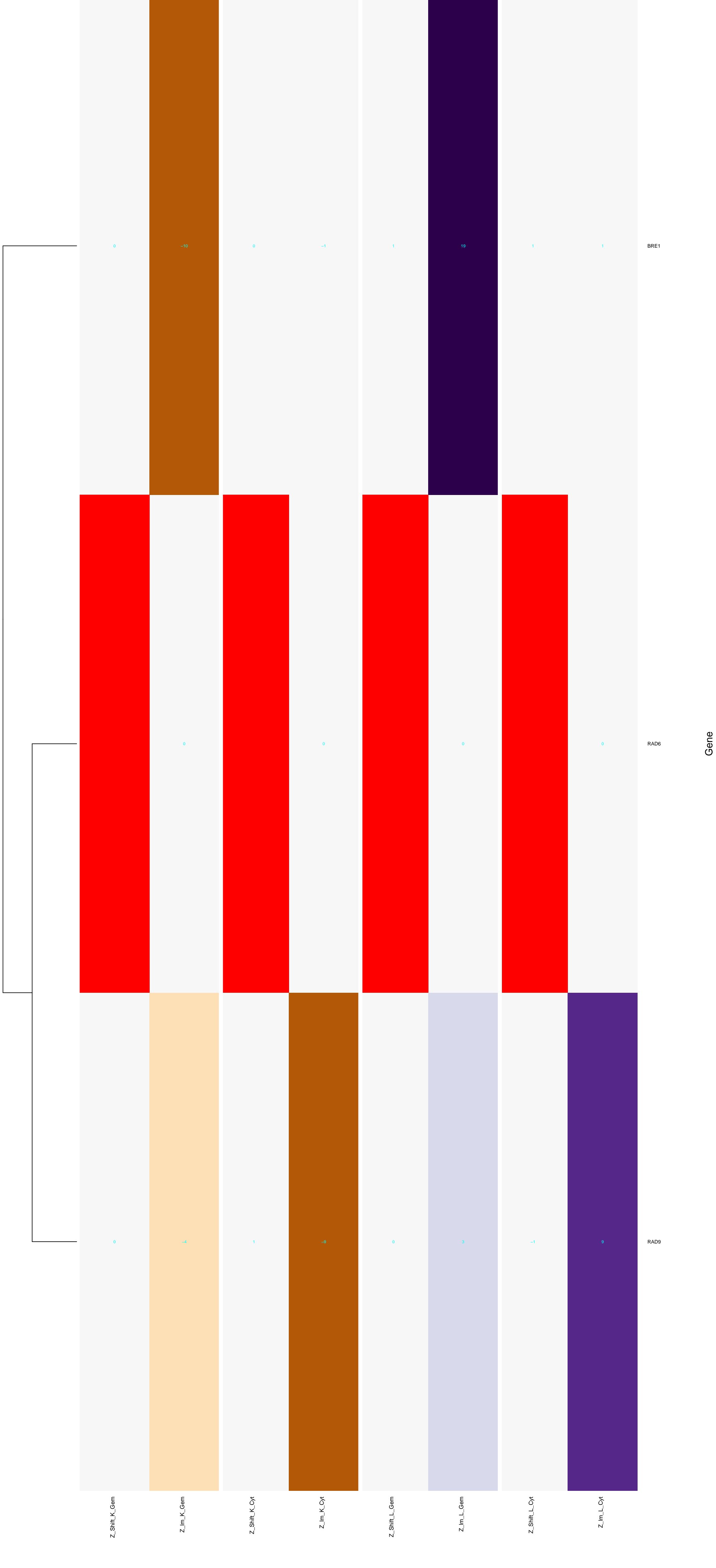


mitotic G2 DNA damage checkpoint

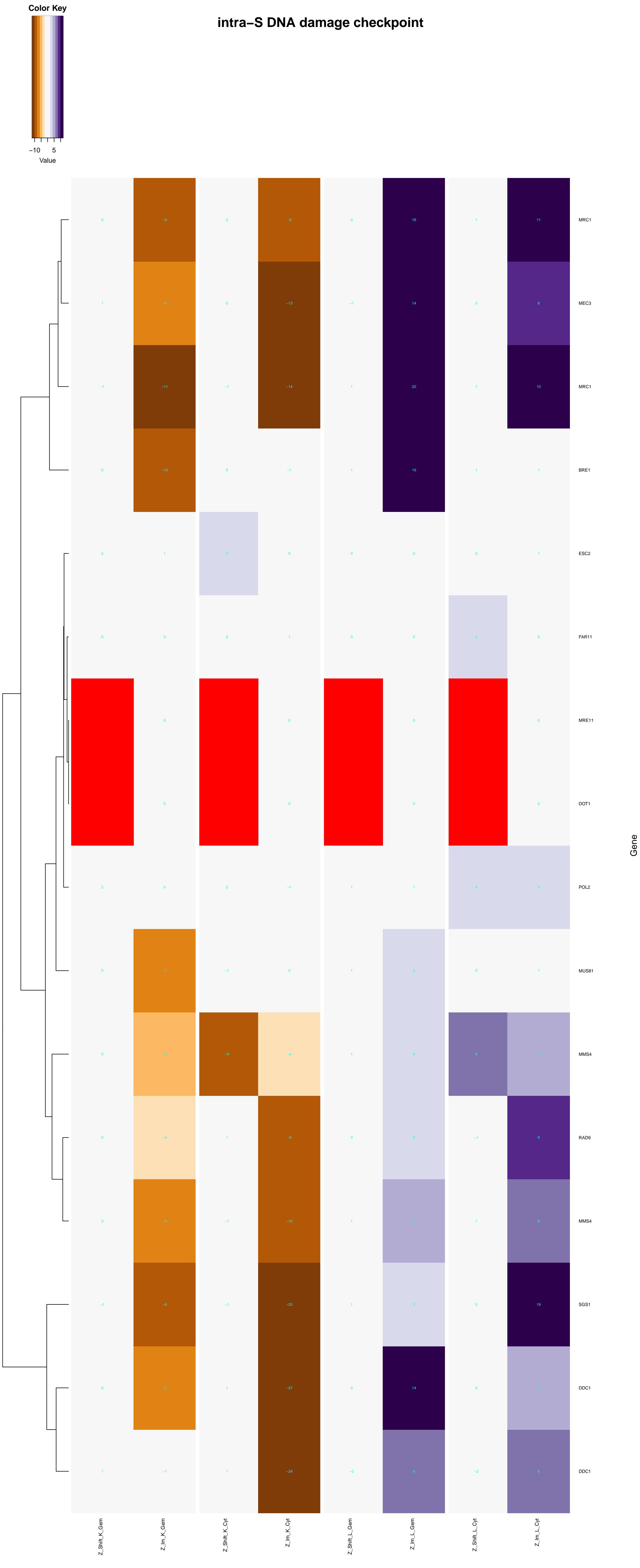




mitotic G1 DNA damage checkpoint



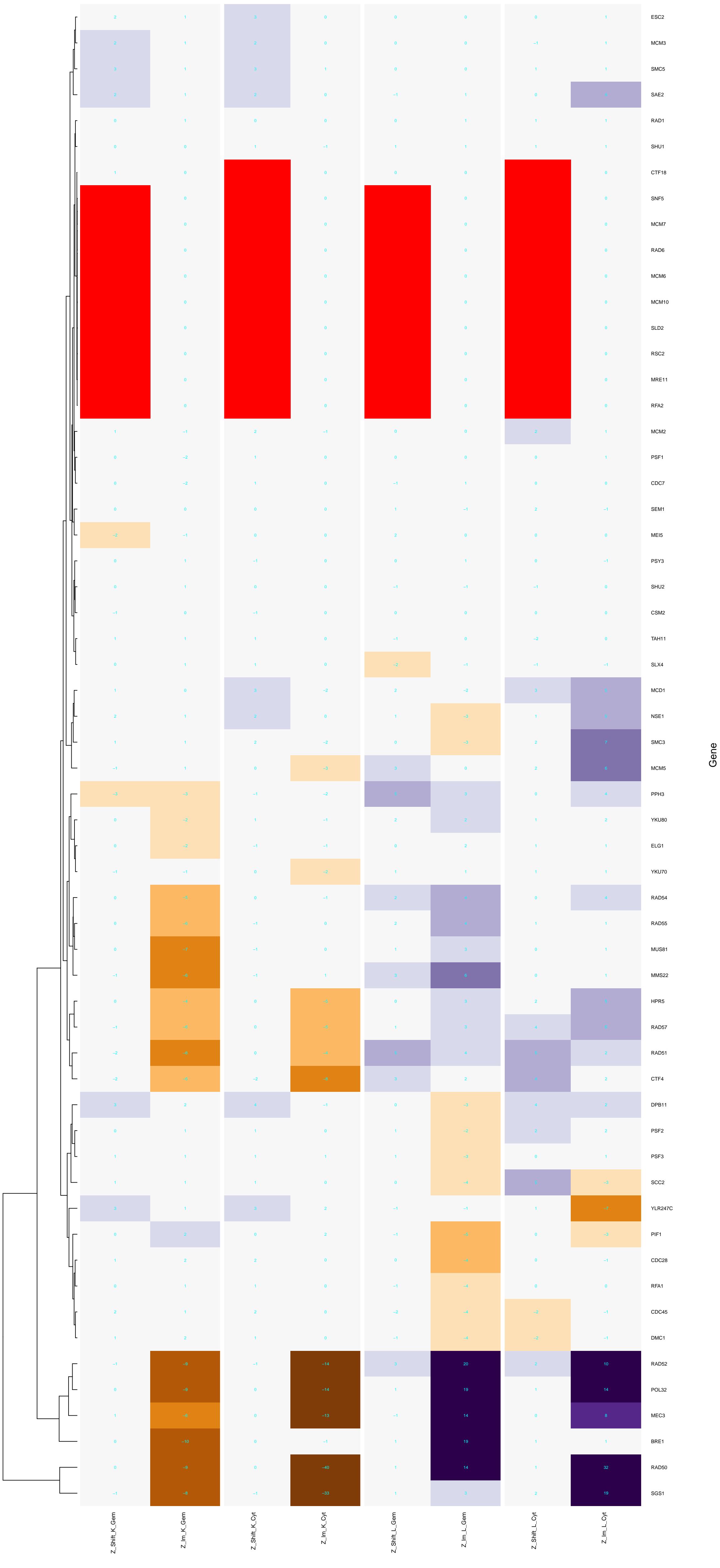
intra-S DNA damage checkpoint



Color Key



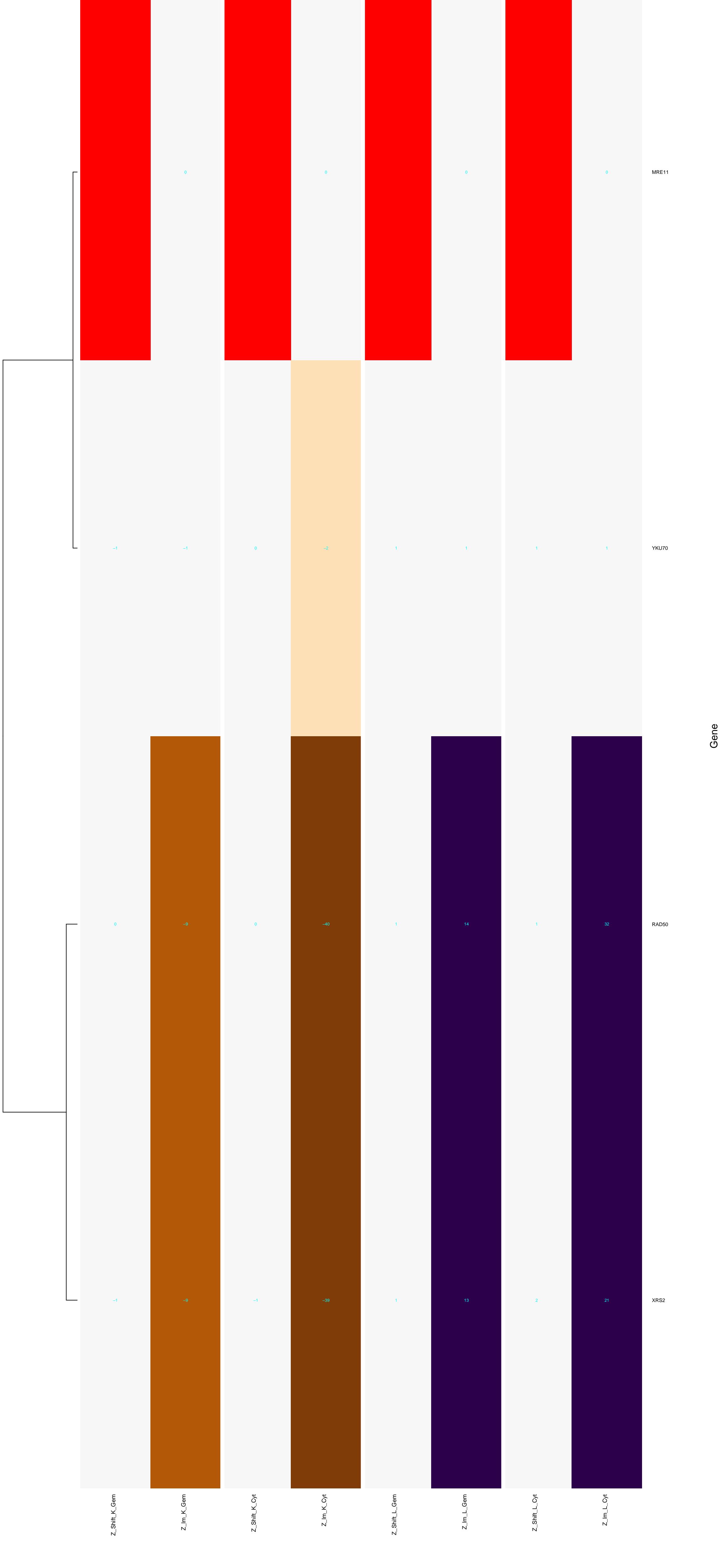
double-strand break repair via homologous recombination



Color Key

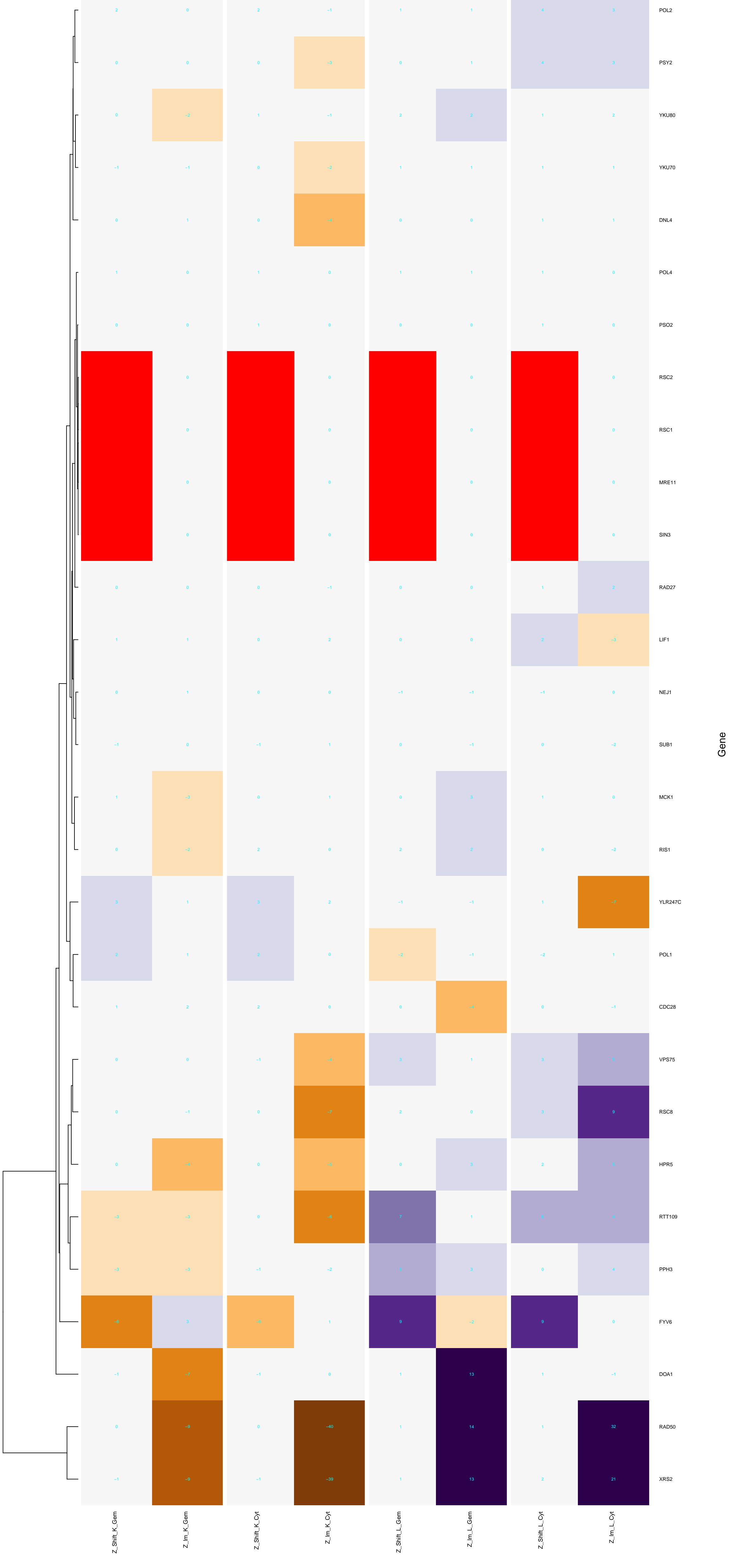
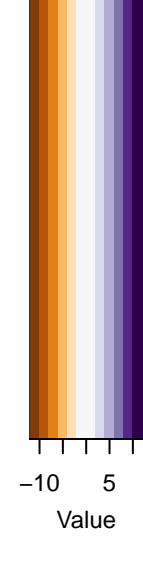


mitochondrial double-strand break repair via homologous recombination

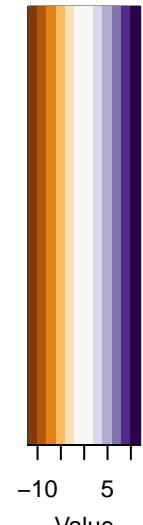
-10 5
Value

Color Key

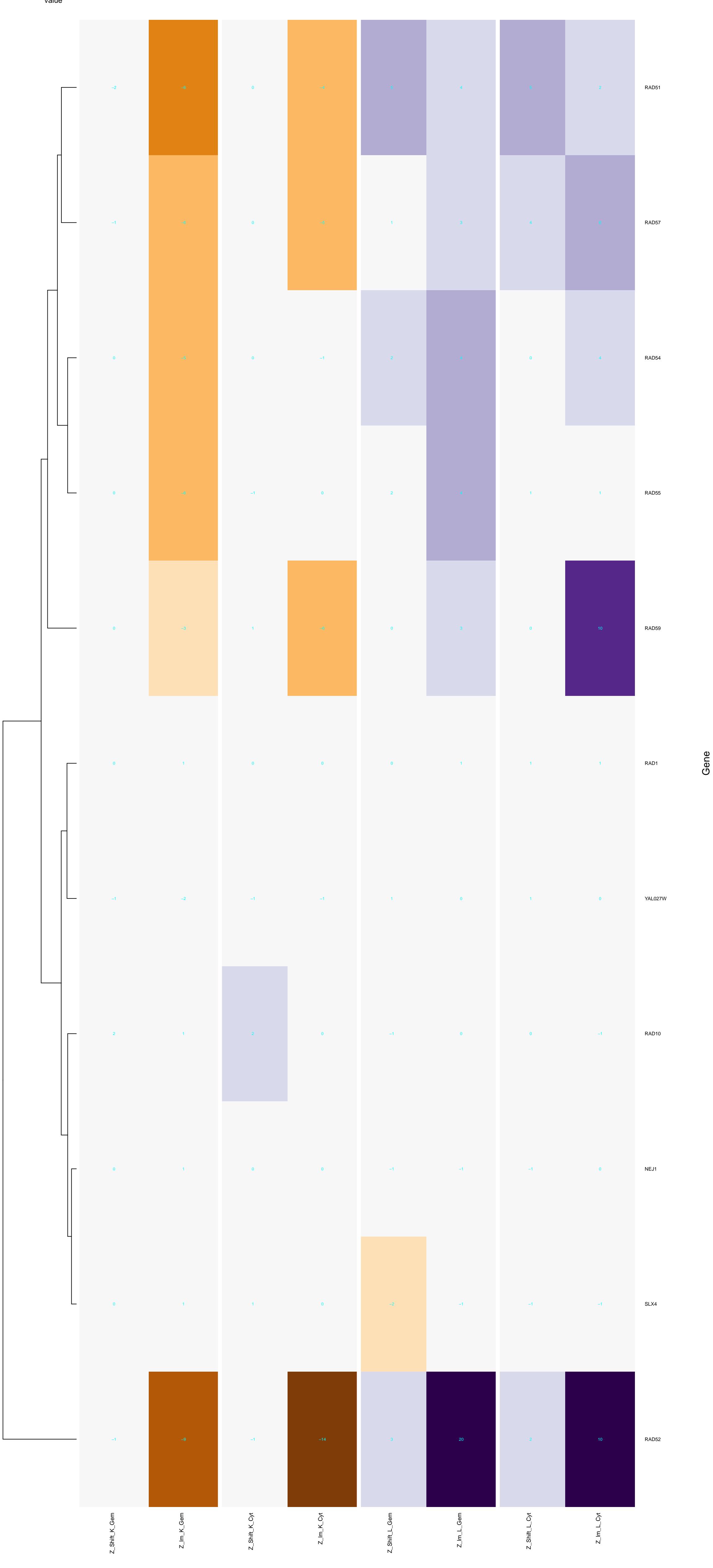
double-strand break repair via nonhomologous end joining



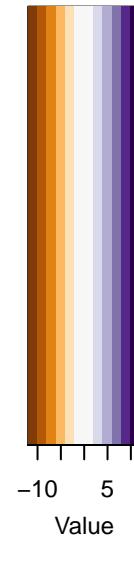
Color Key



double-strand break repair via single-strand annealing



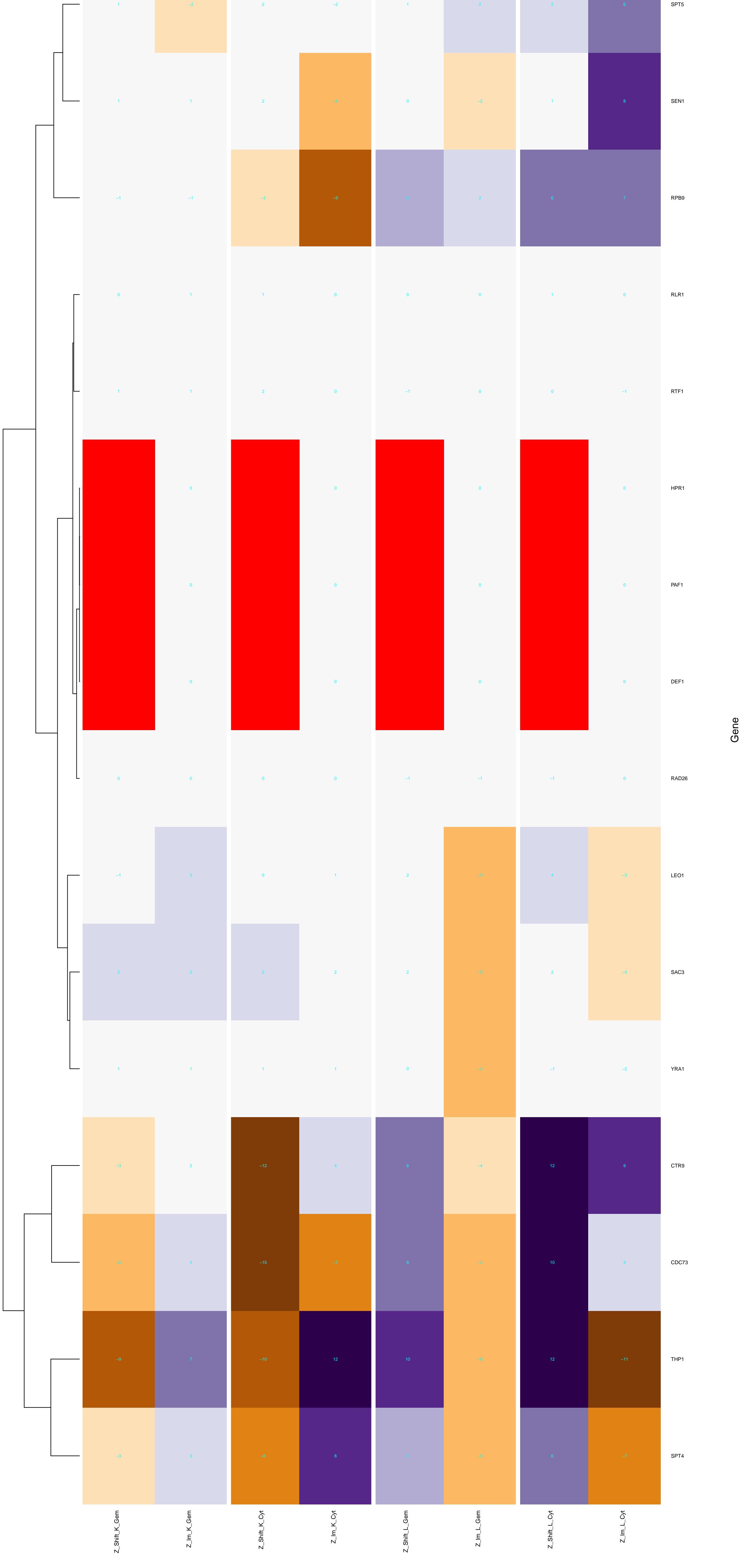
Color Key



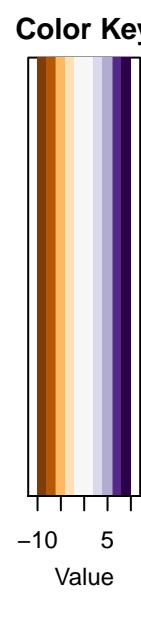
transcription-coupled nucleotide-excision repair

Value

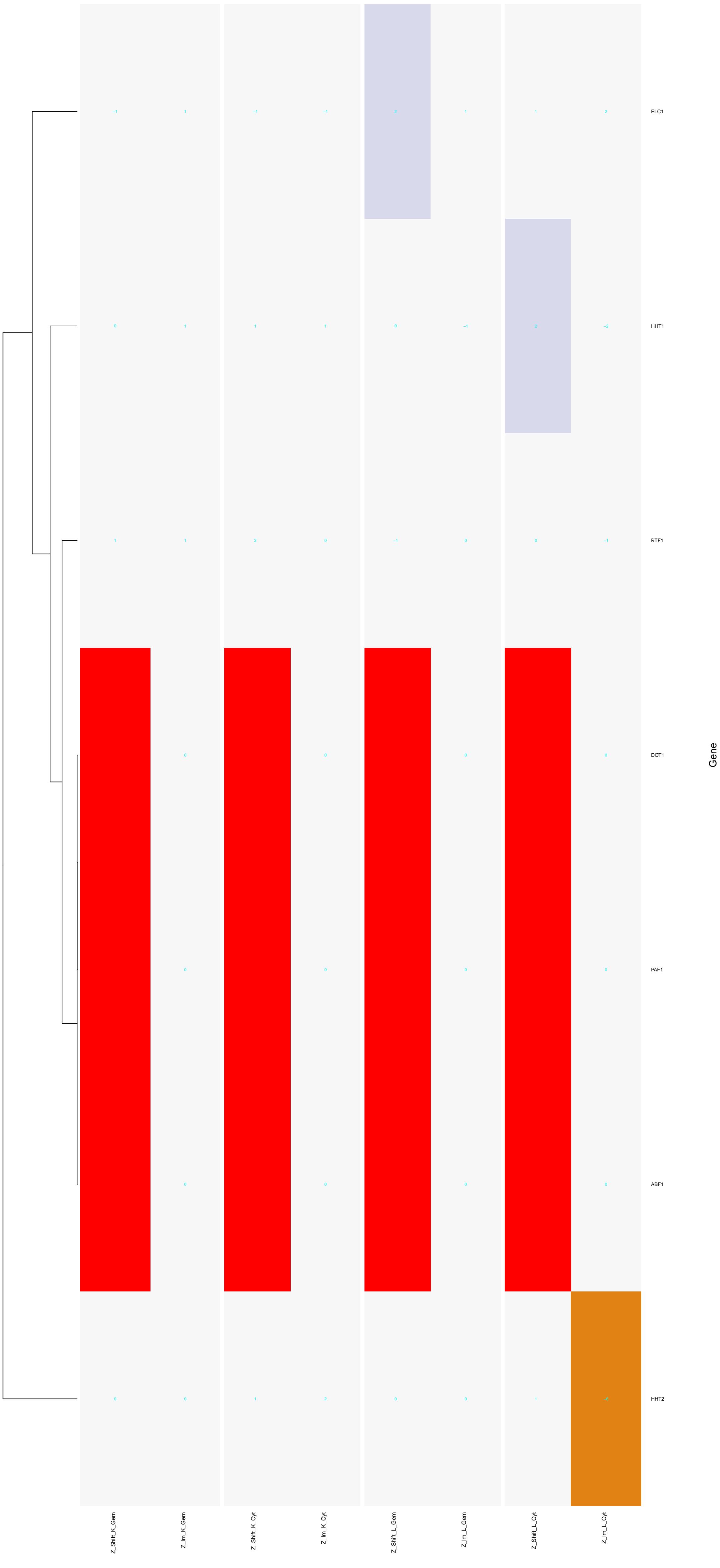
-10 5



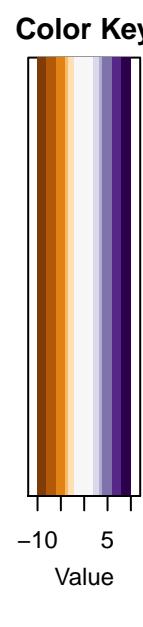
Color Key



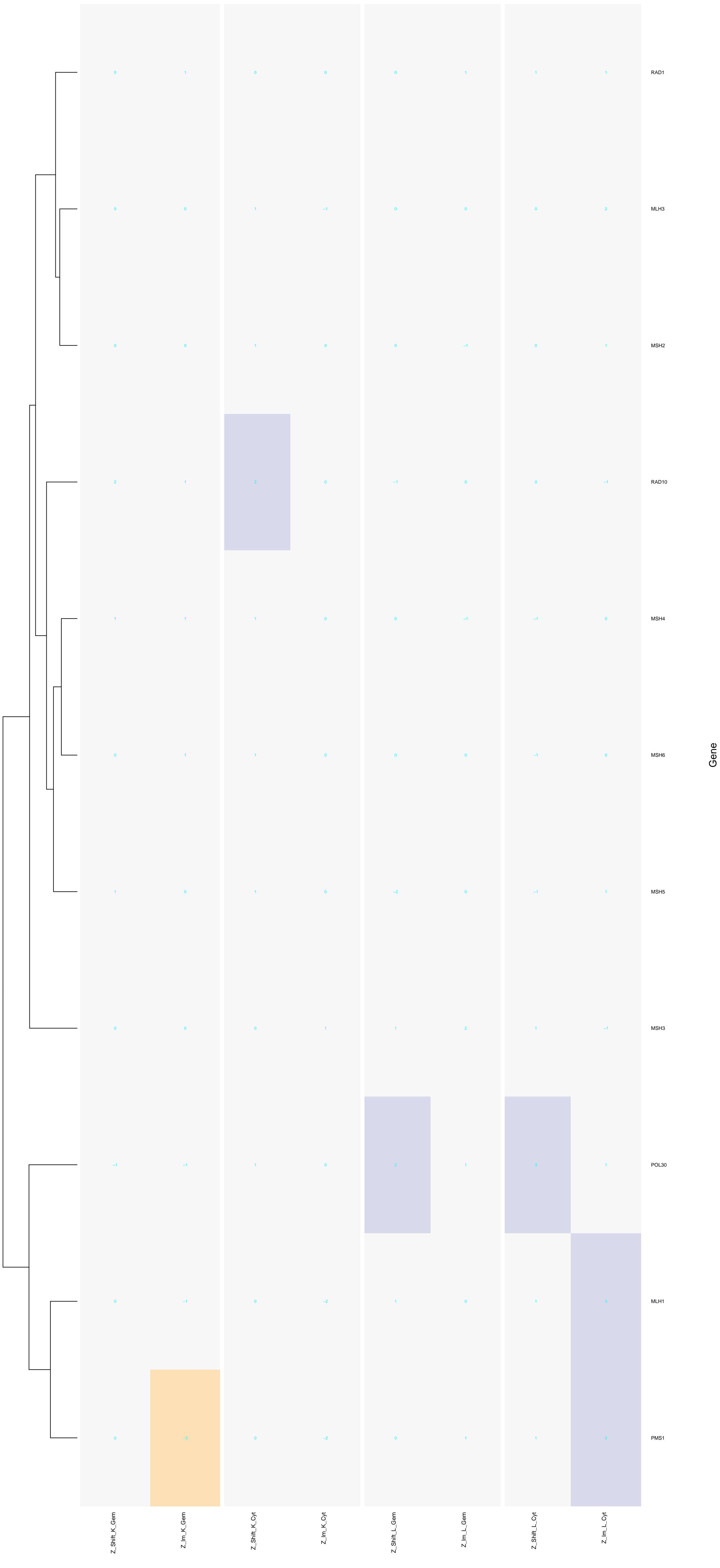
global genome nucleotide-excision repair



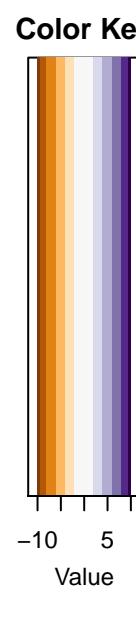
Color Key



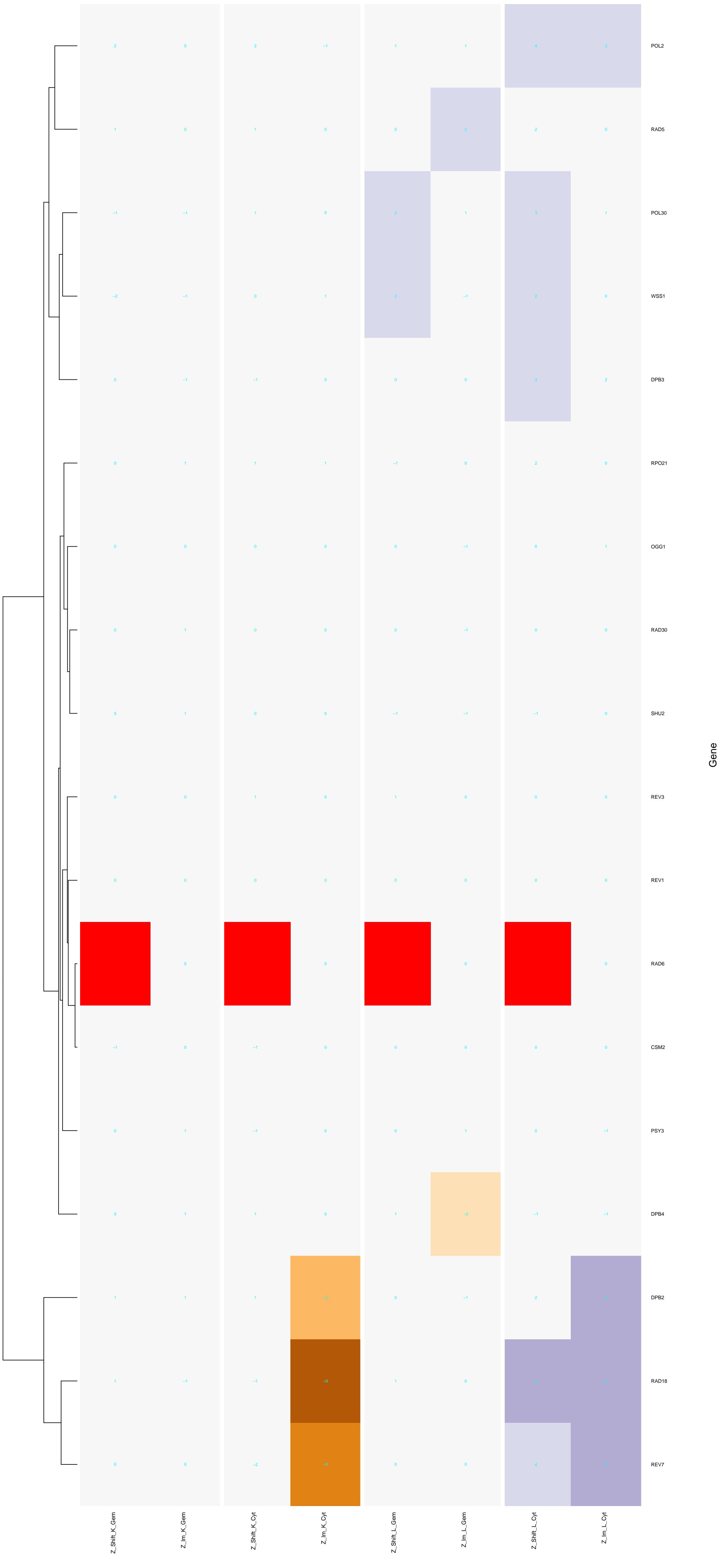
meiotic mismatch repair



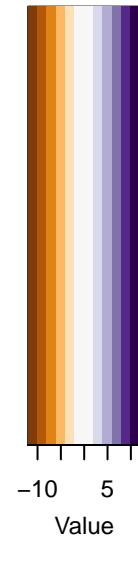
Color Key



translesion synthesis

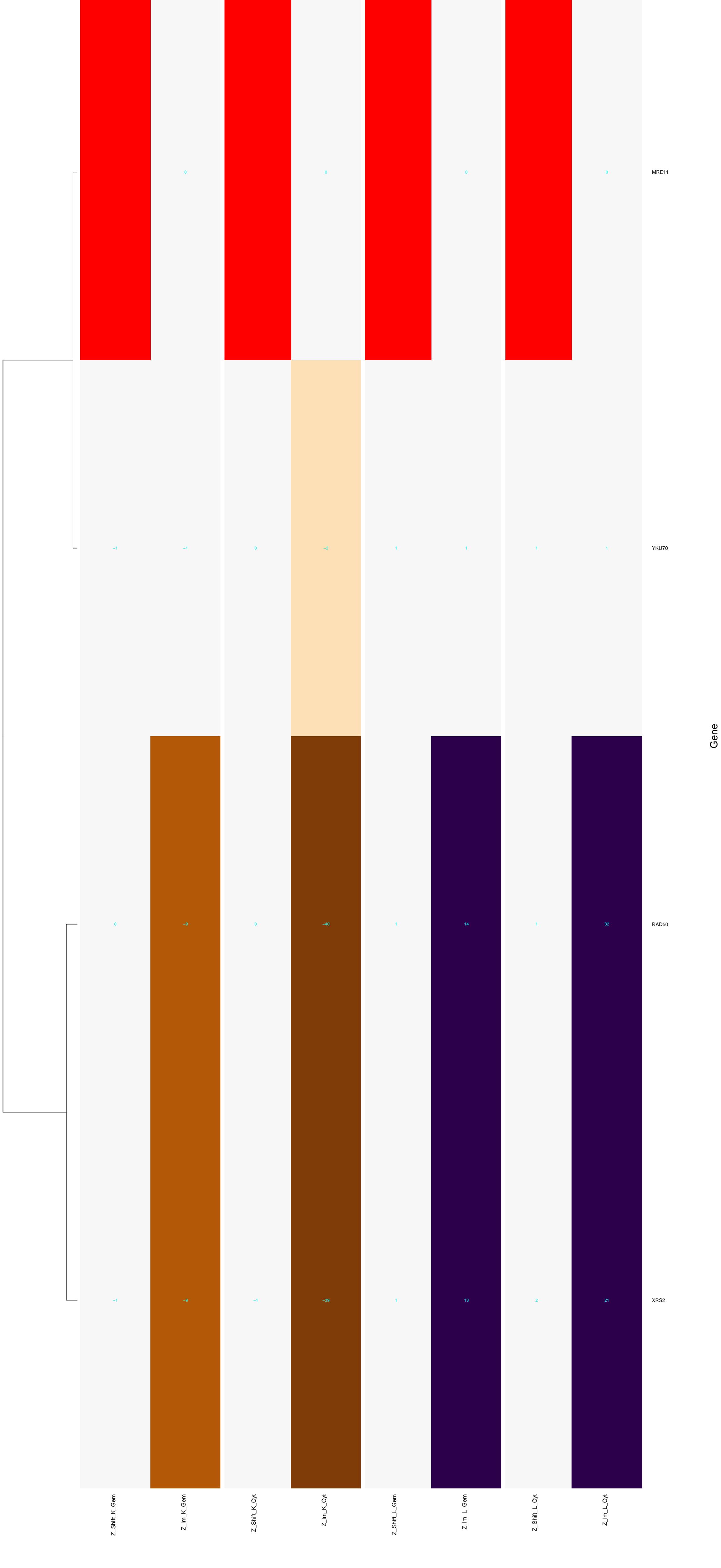


Color Key



mitochondrial double-strand break repair

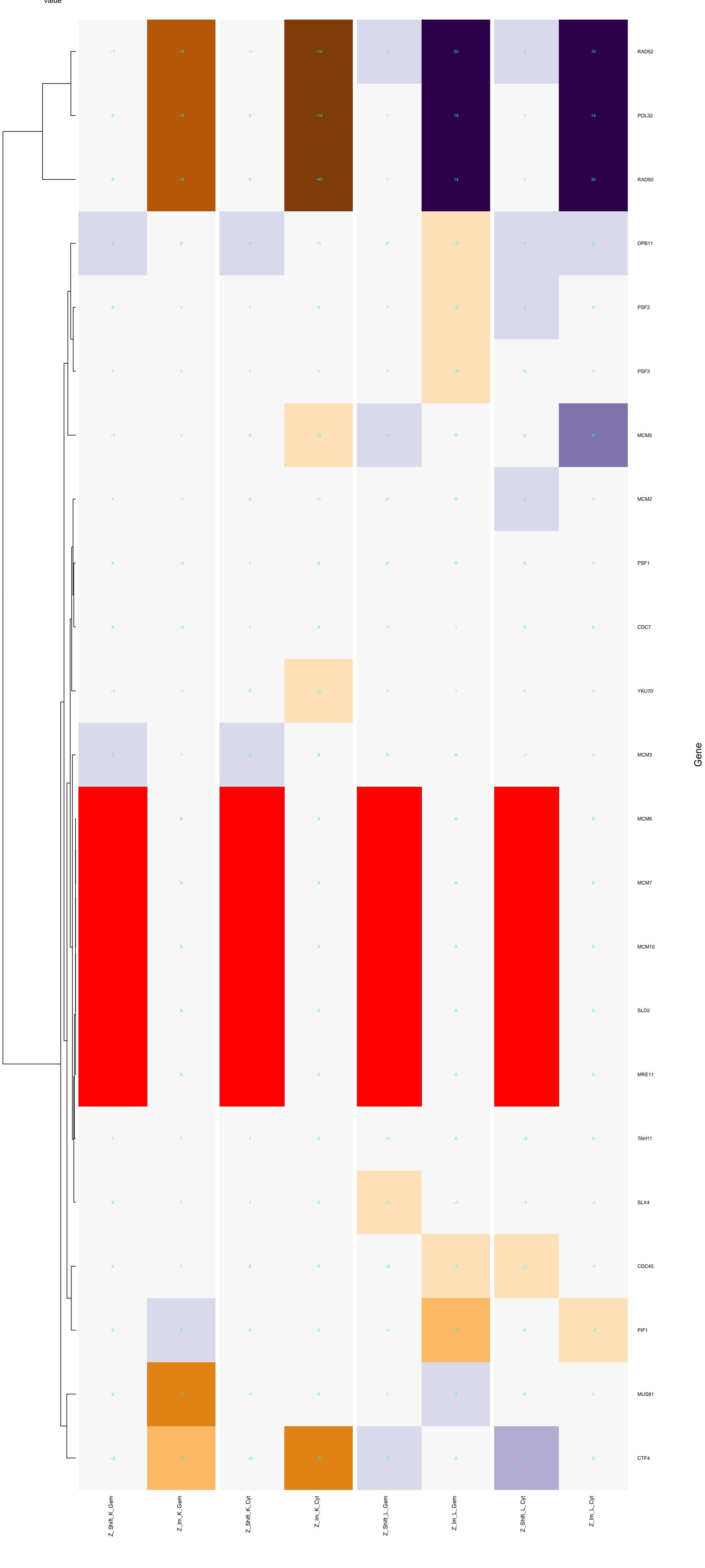
-10 5
Value



Color Key



double-strand break repair via break-induced replication



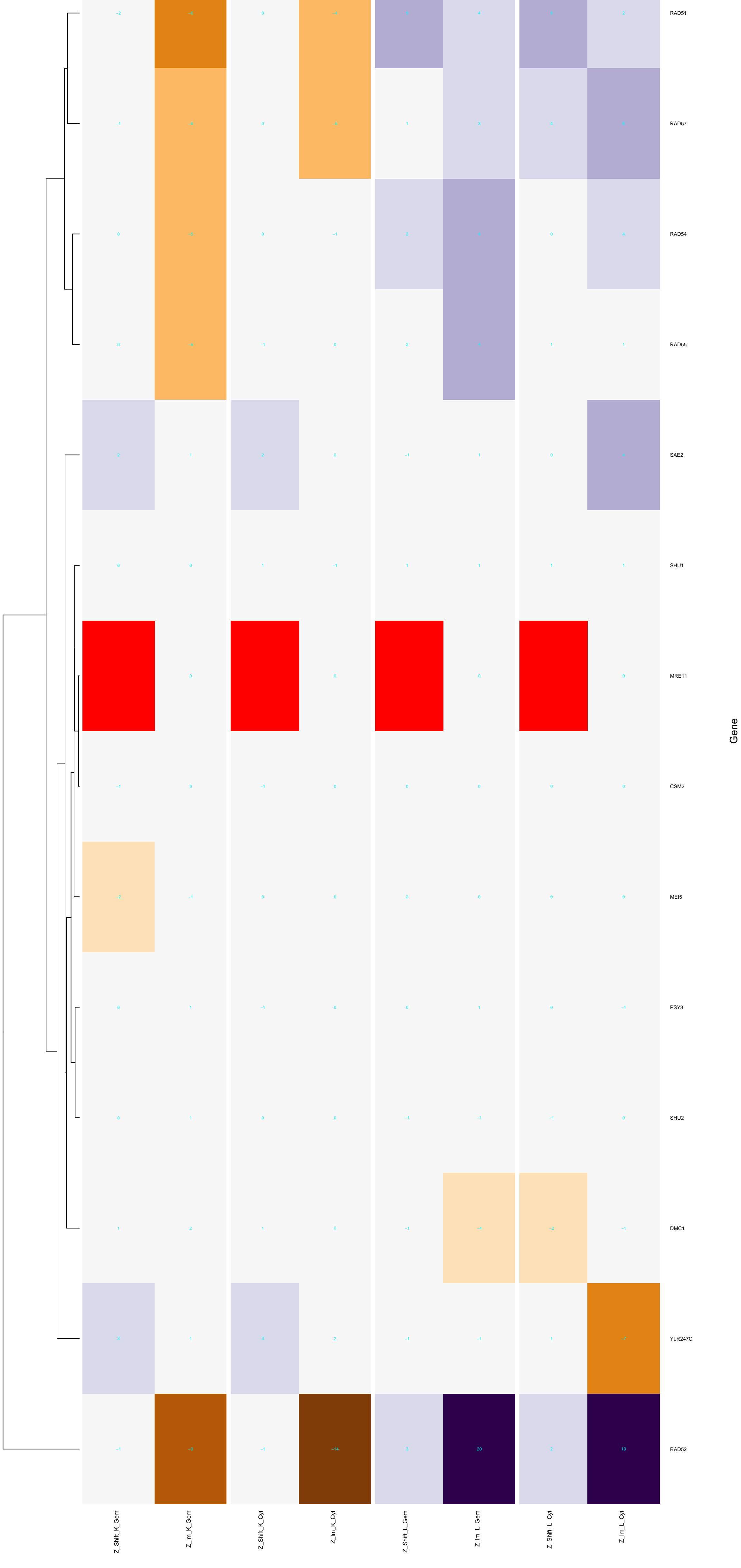
Color Key



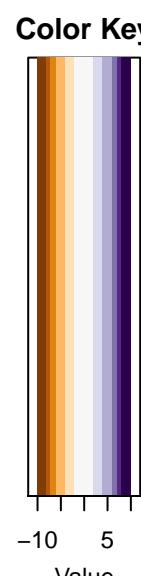
double-strand break repair via synthesis-dependent strand annealing

Value

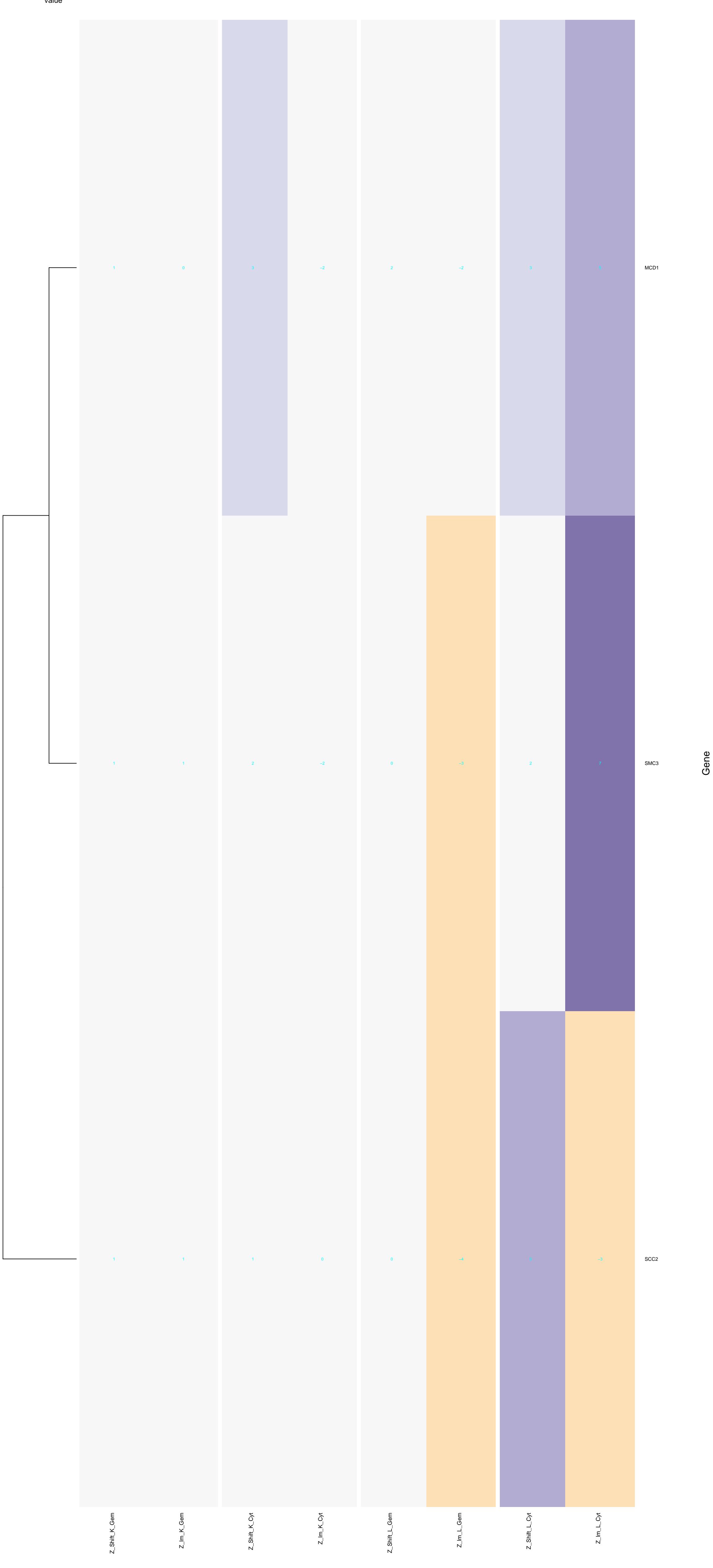
-10 5



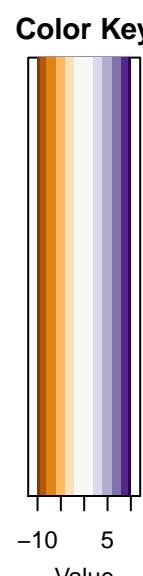
Color Key



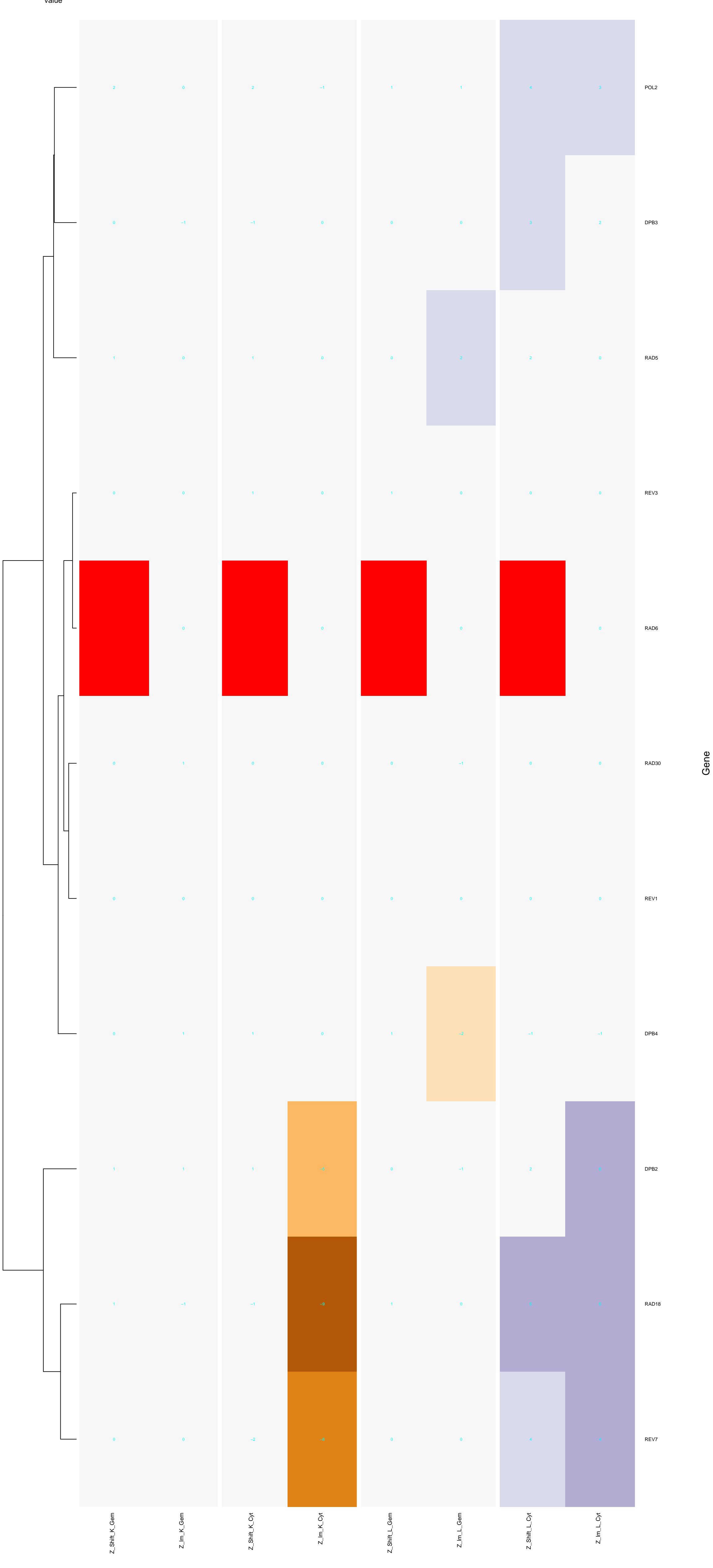
replication-born double-strand break repair via sister chromatid exchange



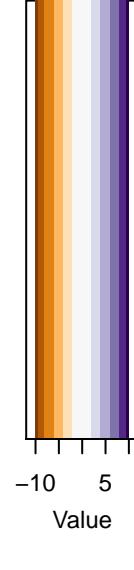
Color Key



error-prone translesion synthesis



Color Key



error-free translesion synthesis

