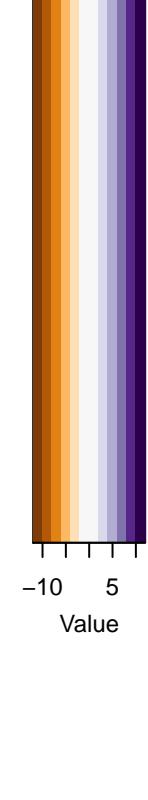
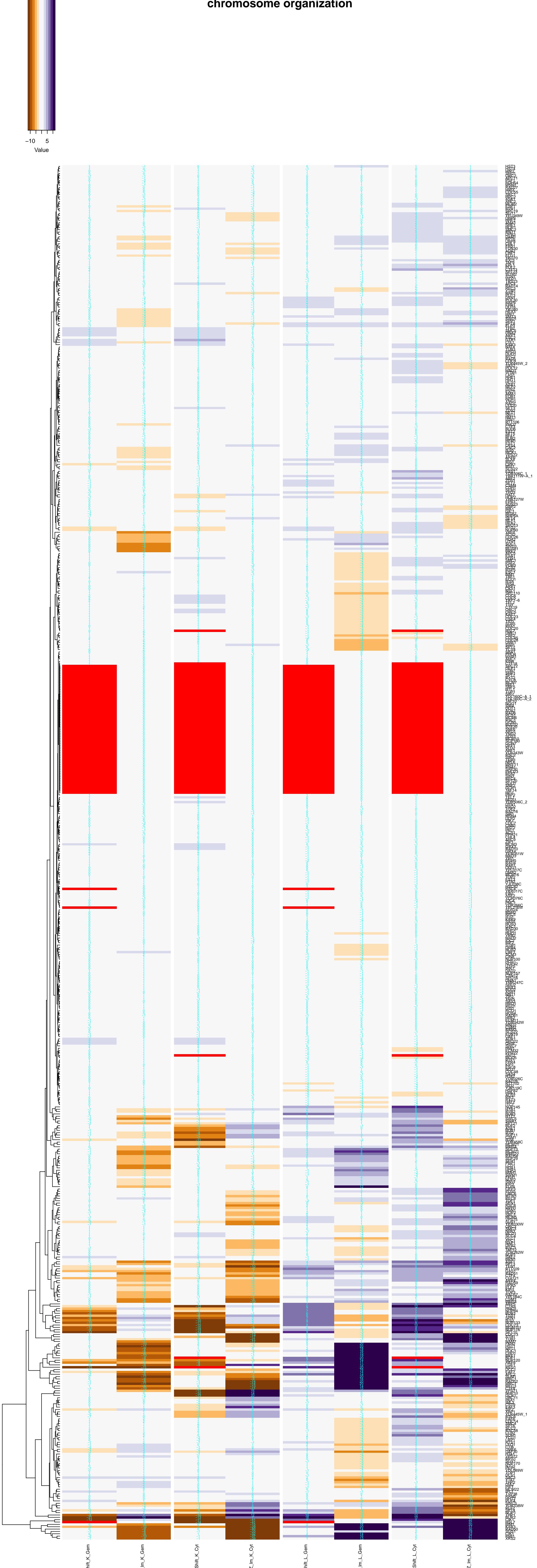


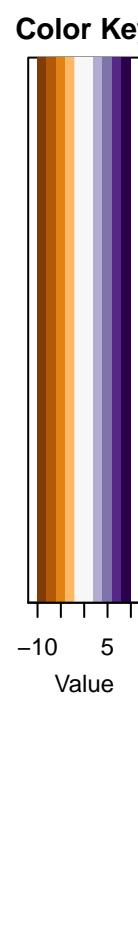
Color Key



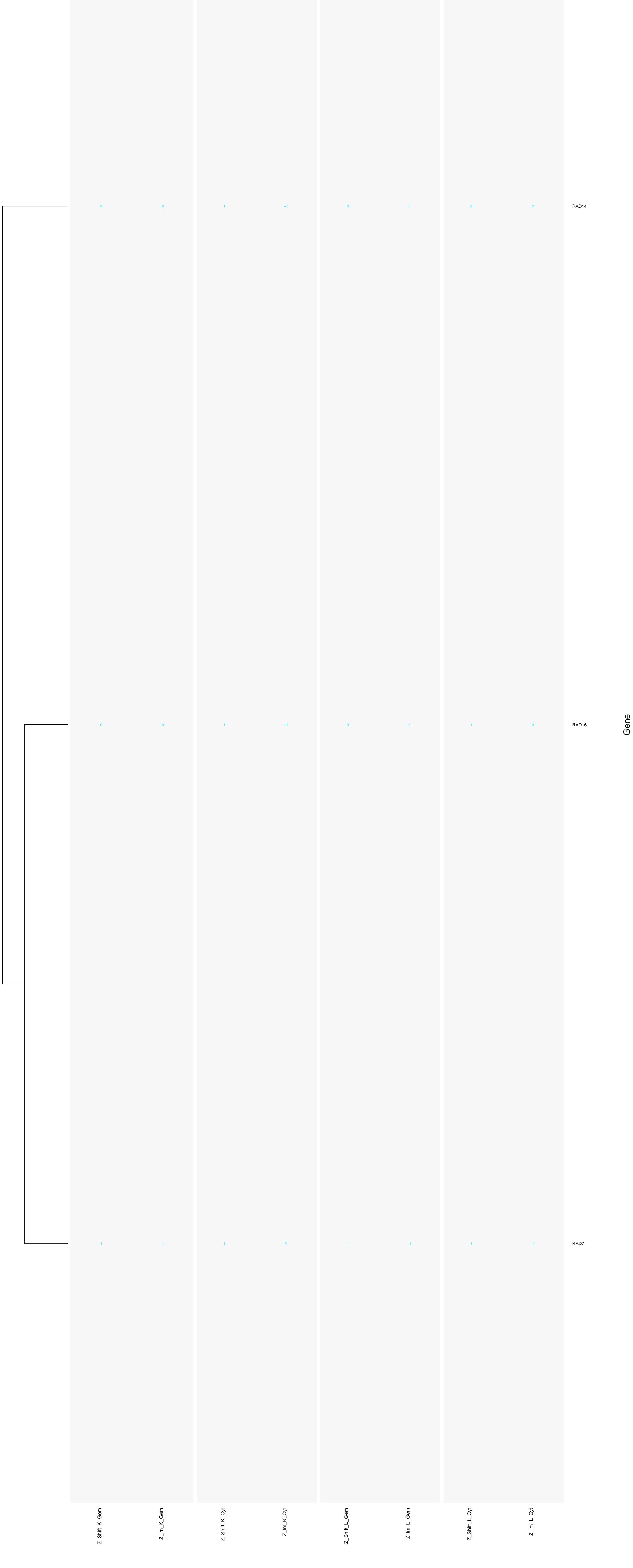
chromosome organization



Color Key



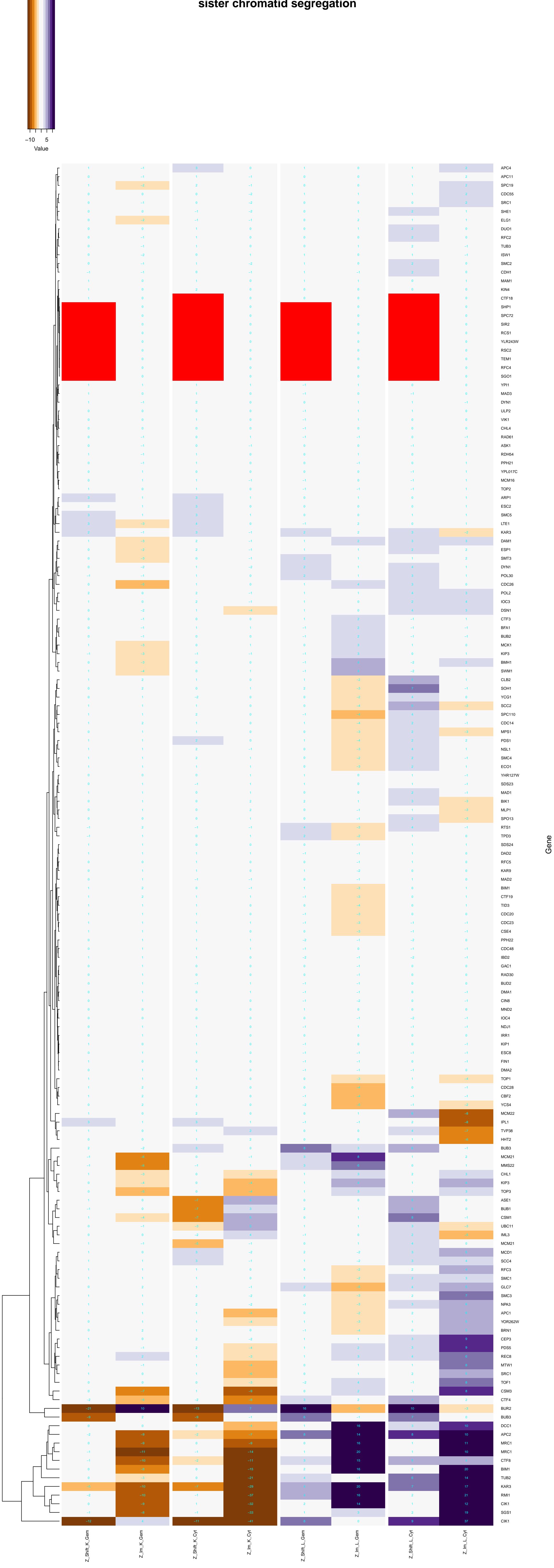
nucleotide-excision repair, DNA damage recognition



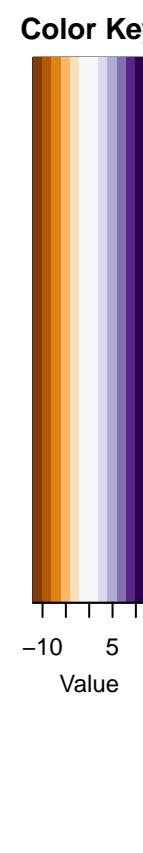
Color Key



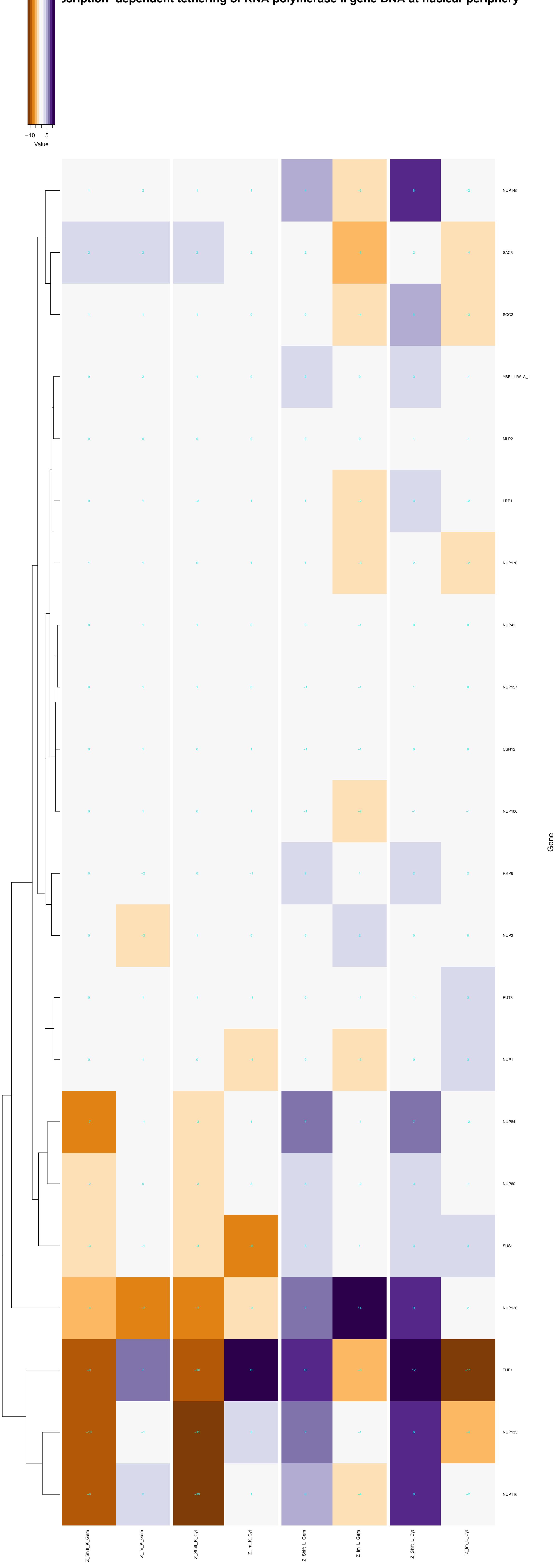
sister chromatid segregation



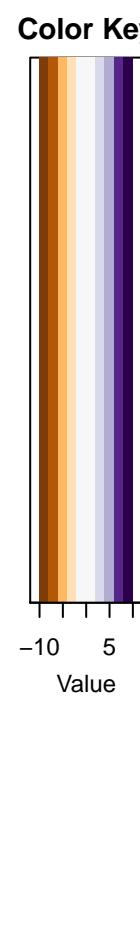
Color Key



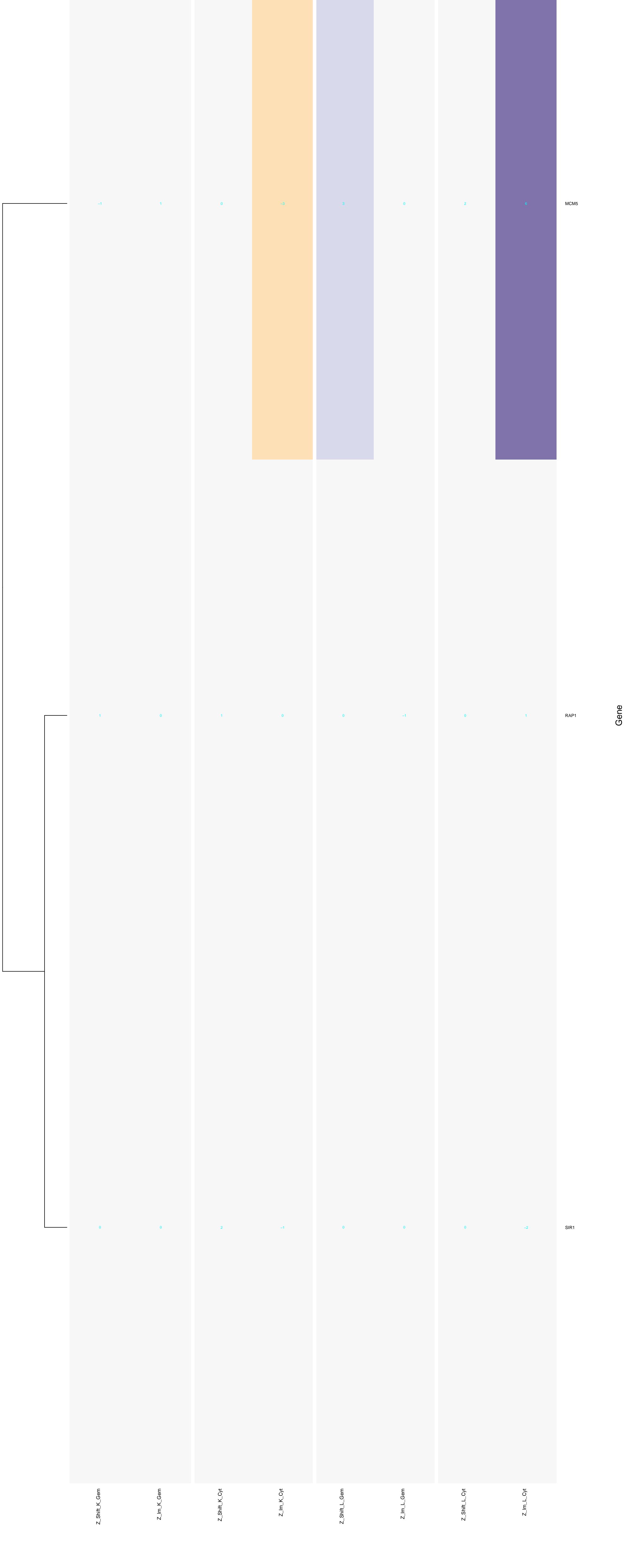
scription-dependent tethering of RNA polymerase II gene DNA at nuclear periphery



Color Key



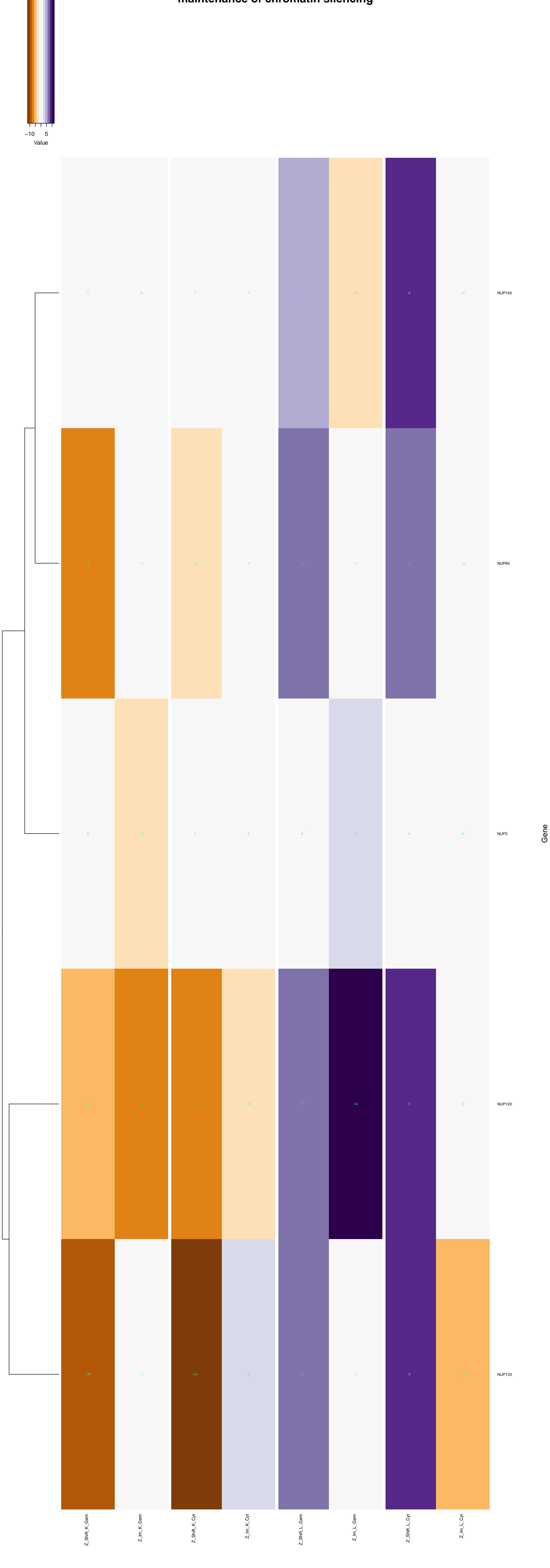
establishment of chromatin silencing

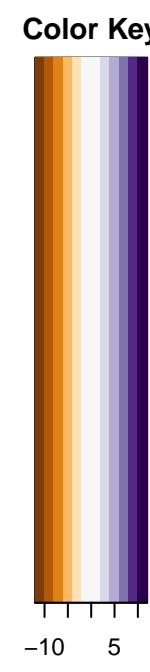


Color Key

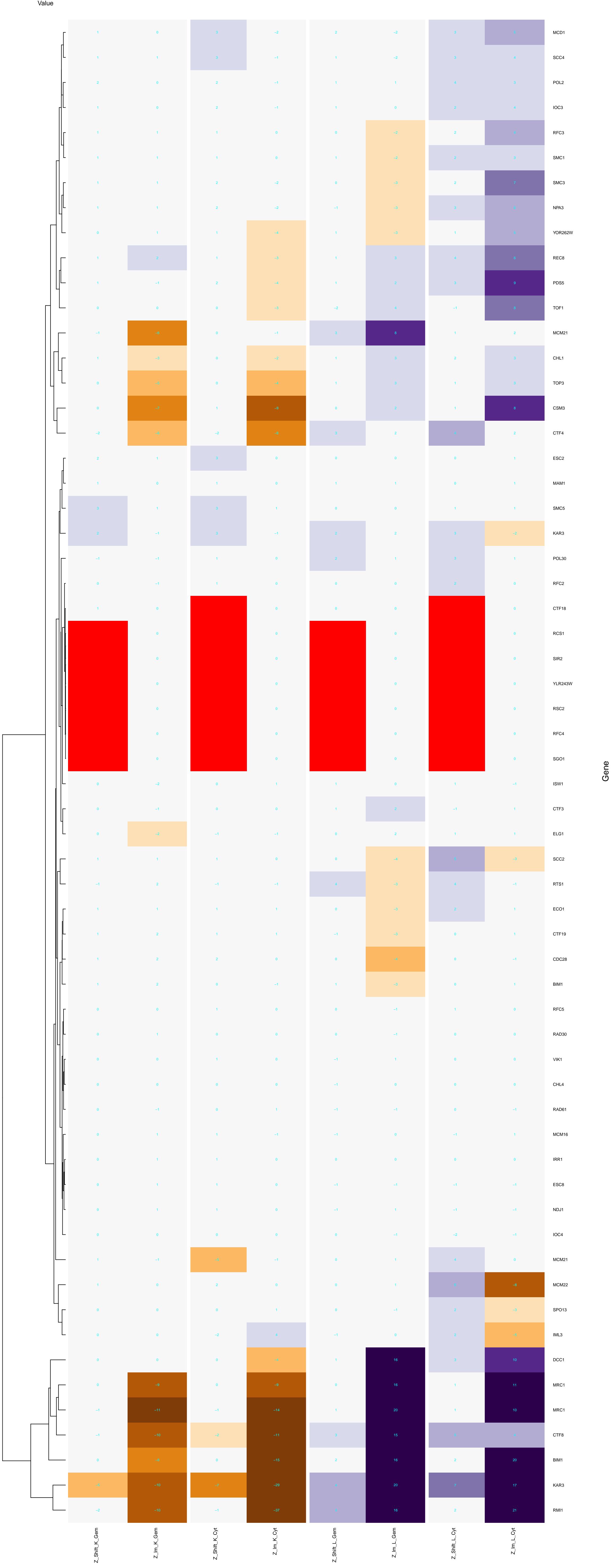


maintenance of chromatin silencing

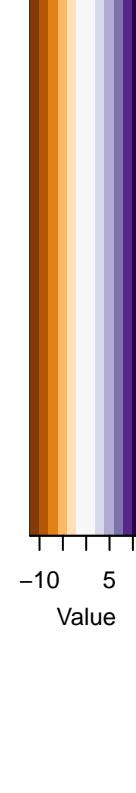




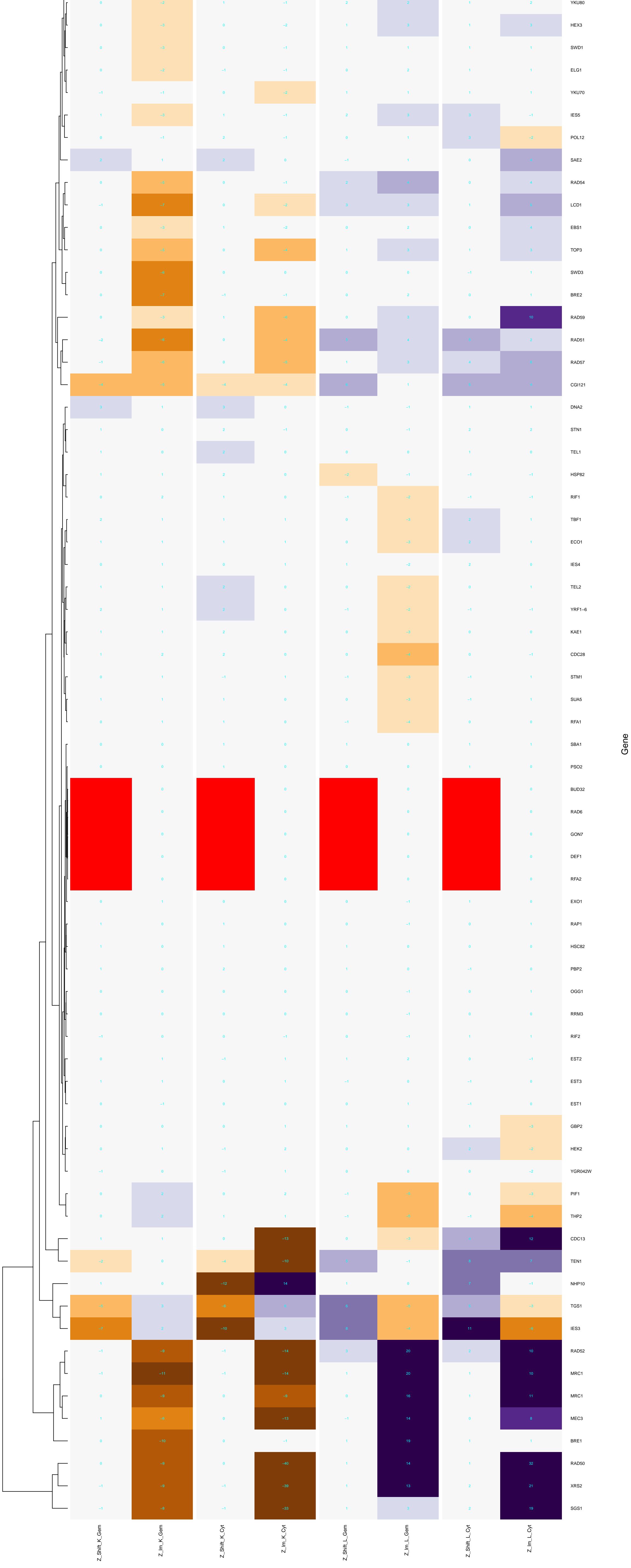
sister chromatid cohesion

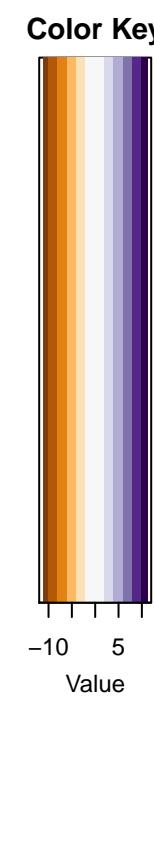


Color Key

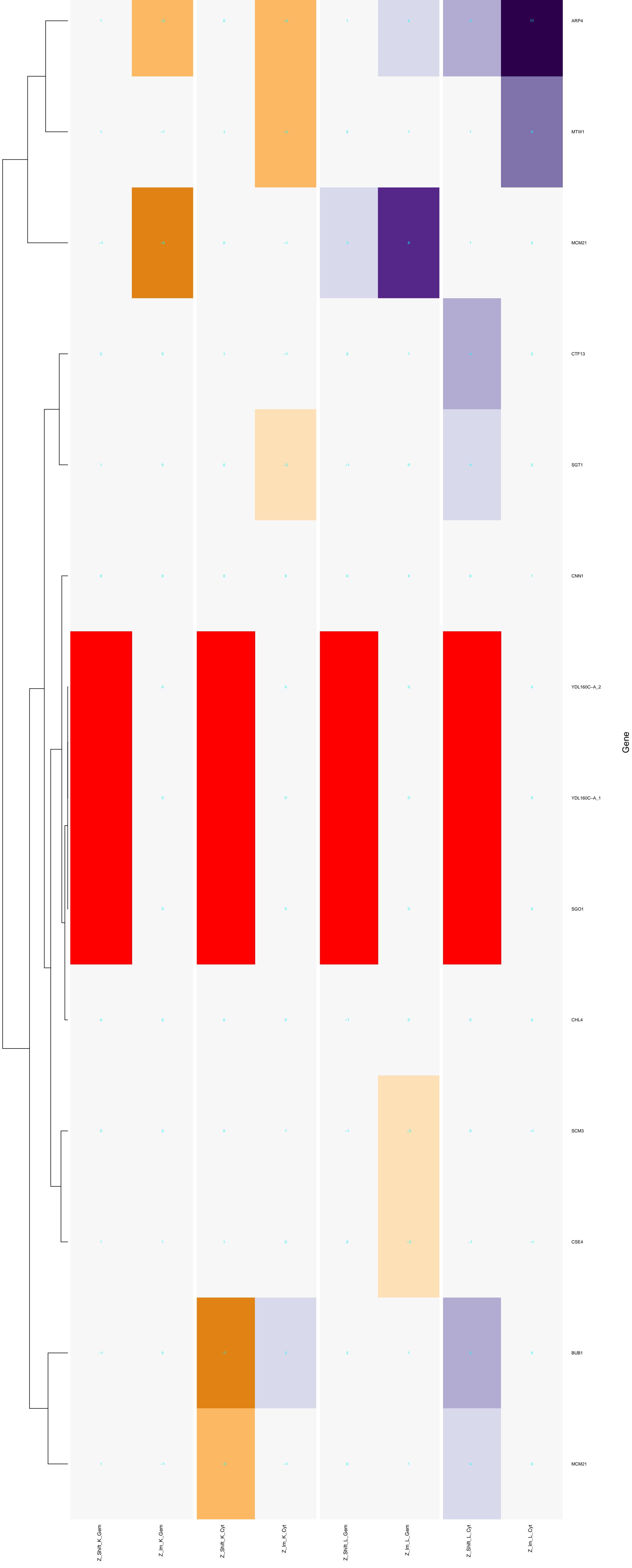


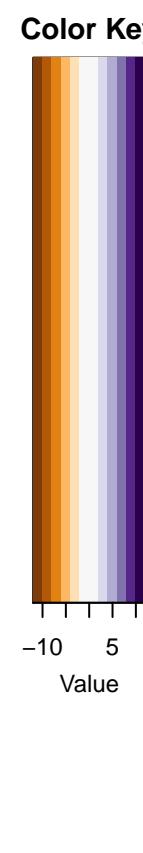
telomere organization



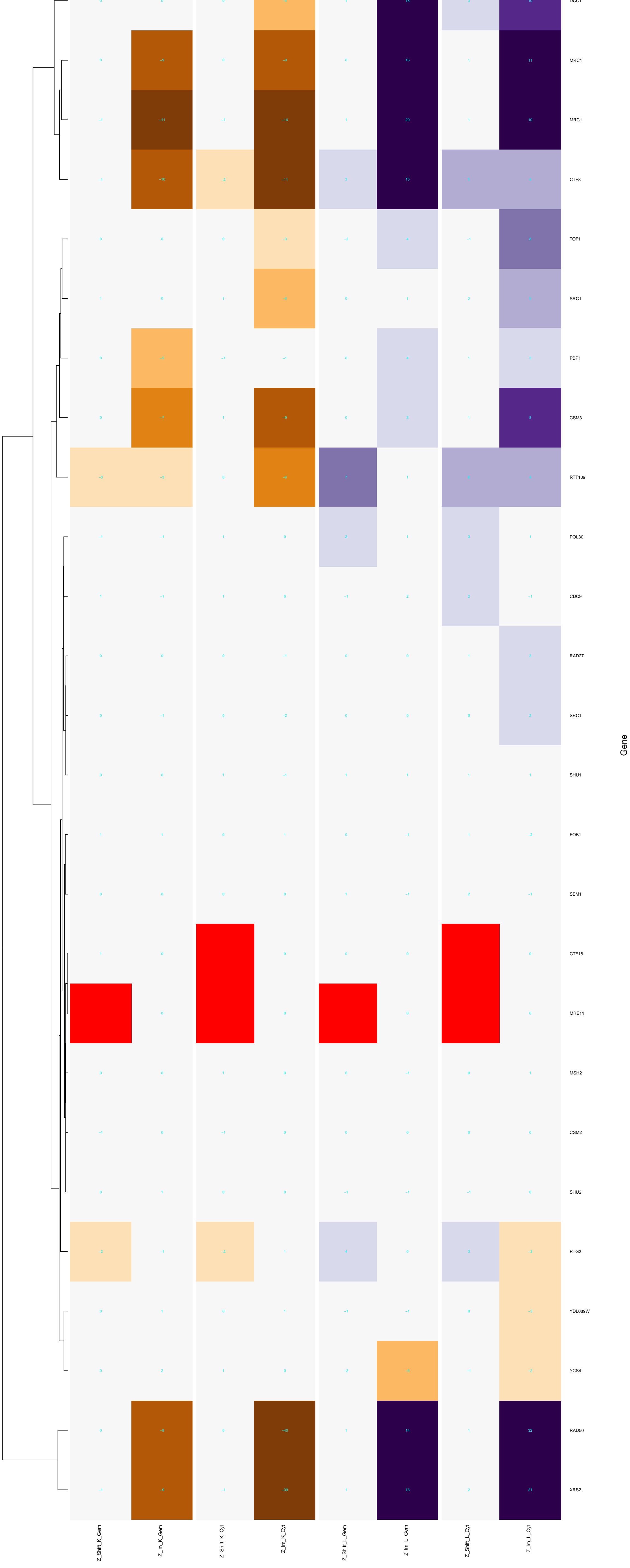


centromere complex assembly





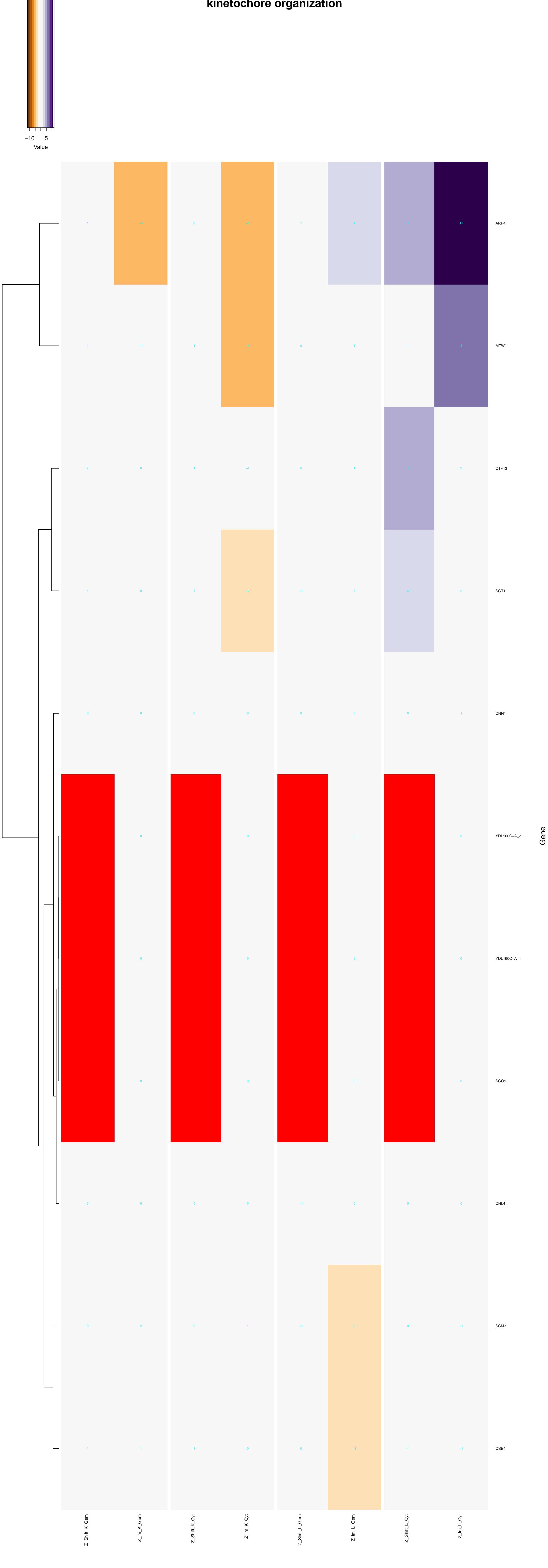
maintenance of DNA repeat elements



Color Key



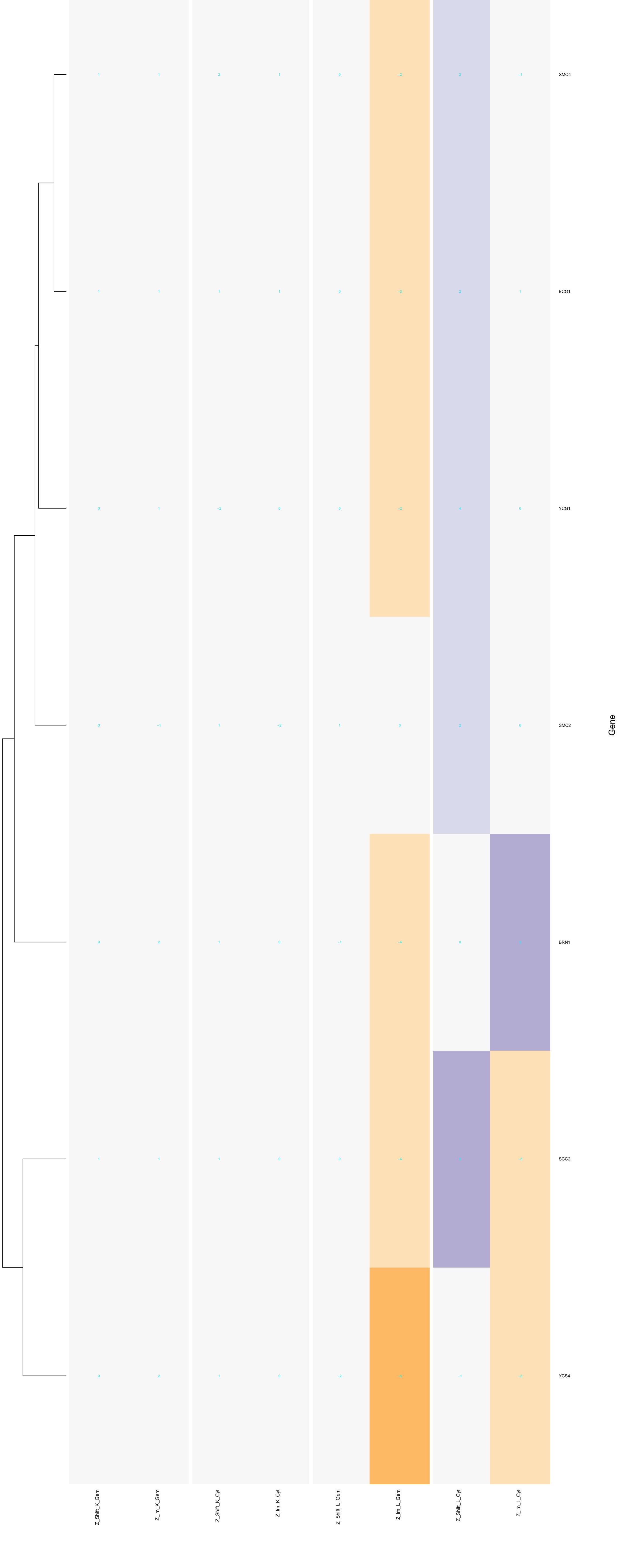
kinetochore organization

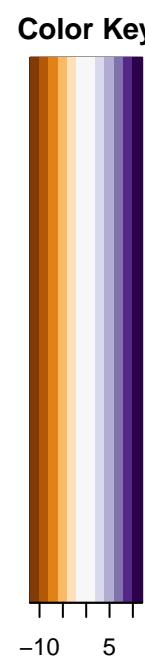


Color Key

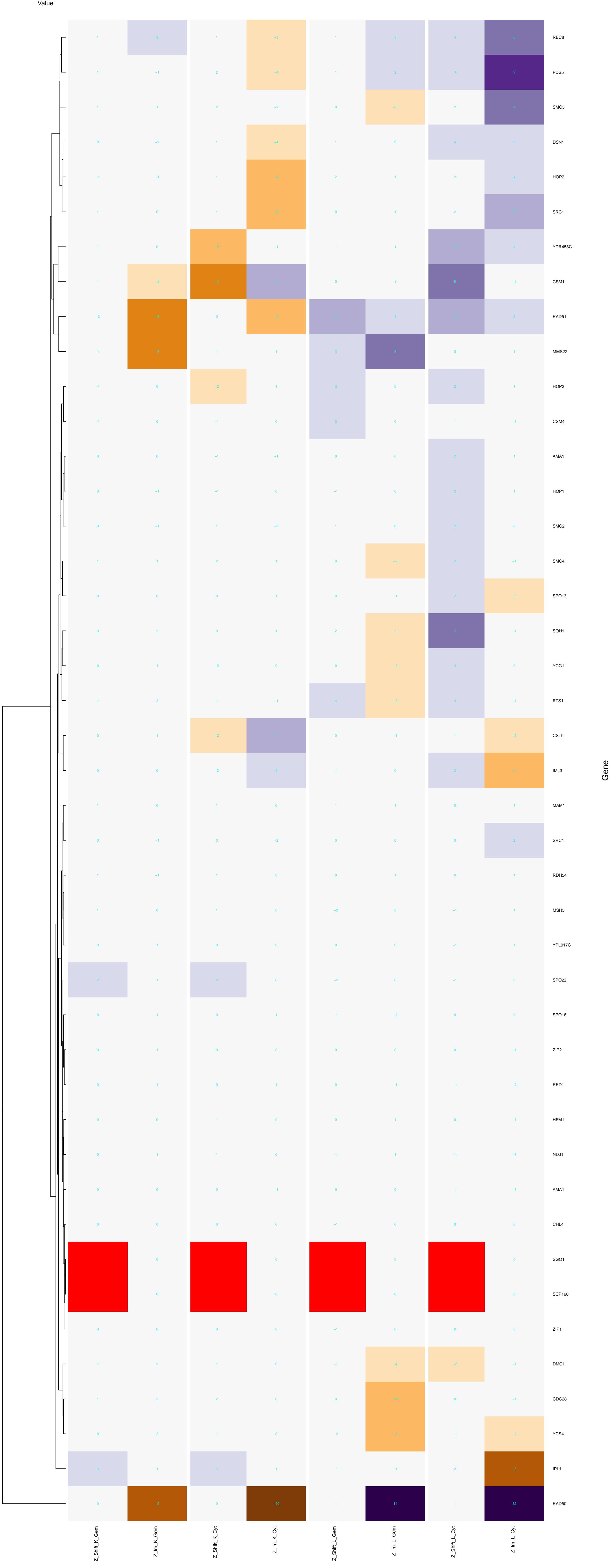


tRNA gene clustering



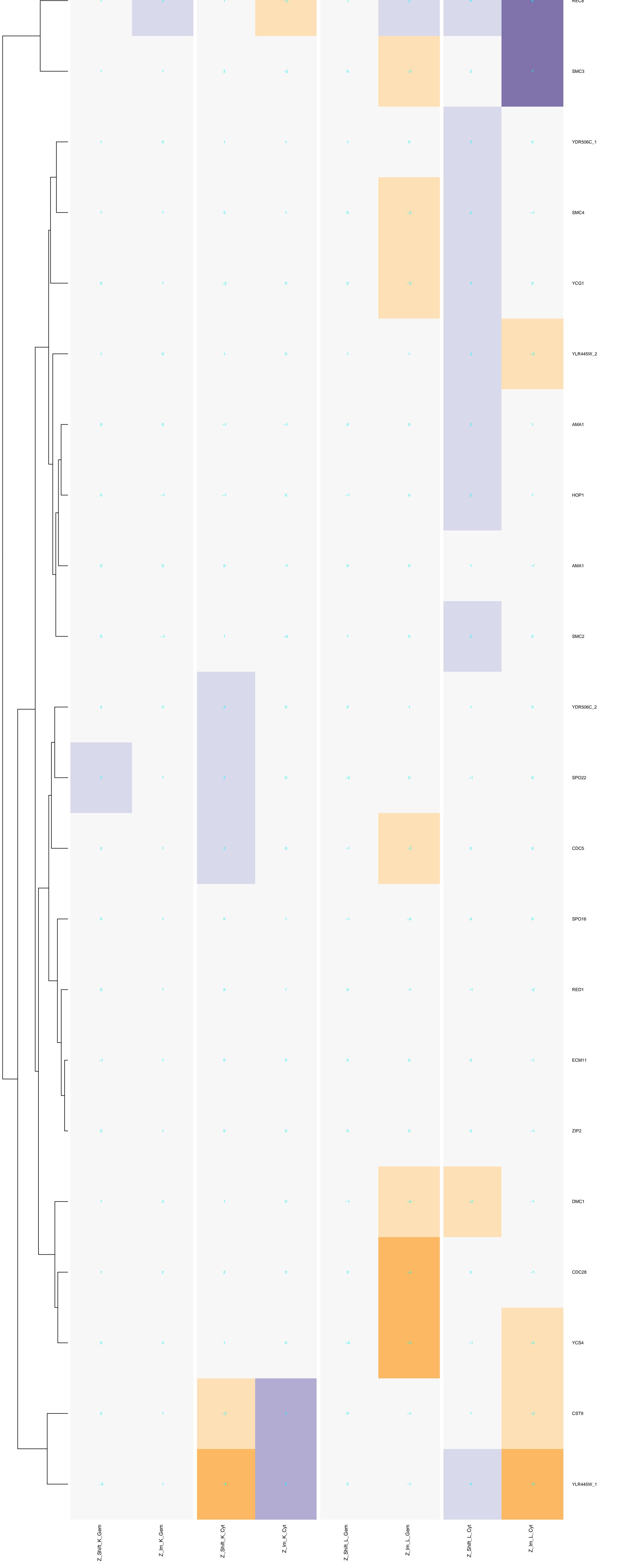
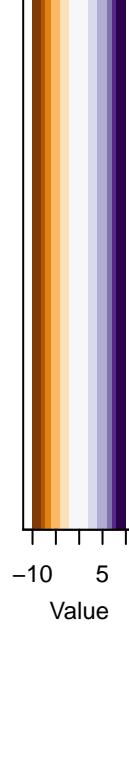


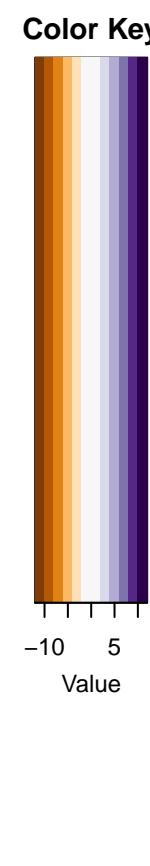
chromosome organization involved in meiotic cell cycle



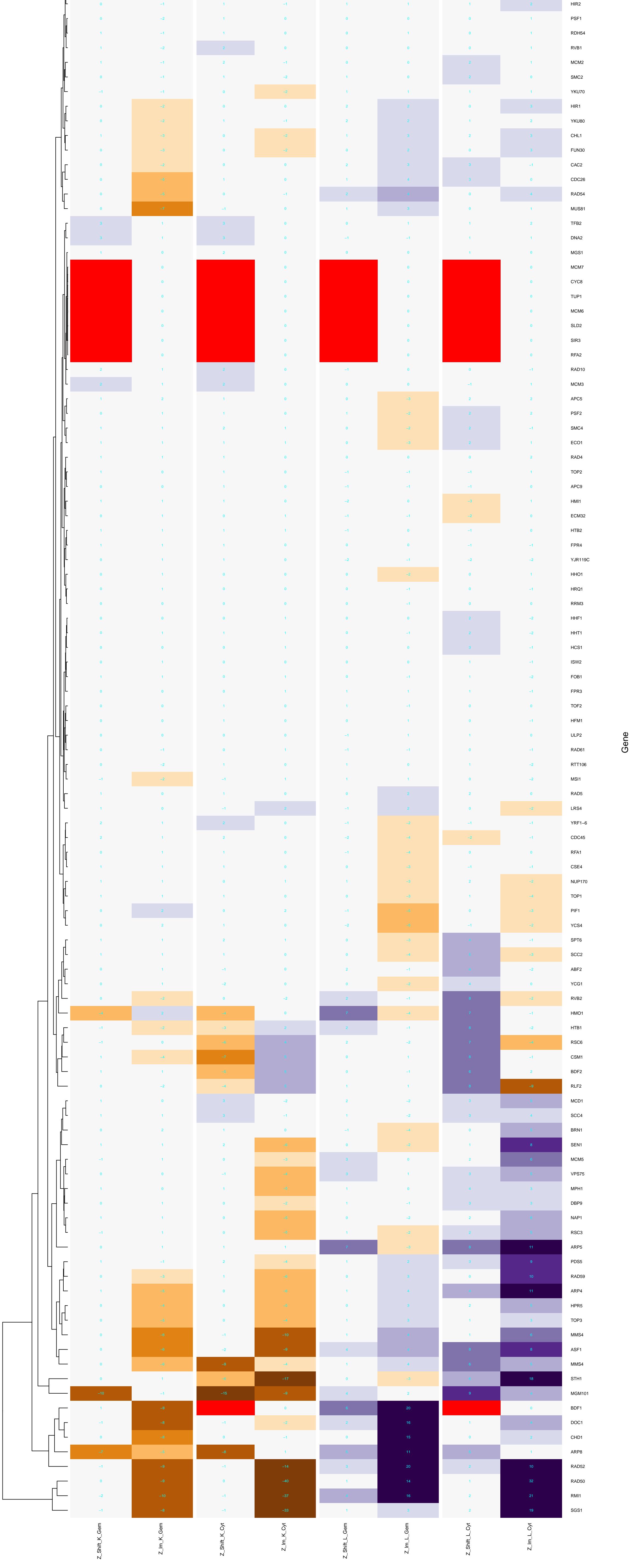
synaptonemal complex organization

Color Key

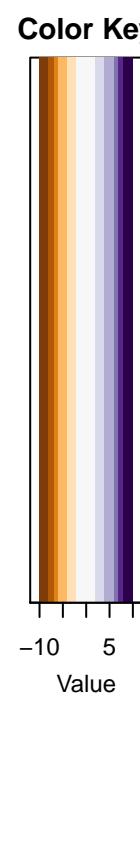




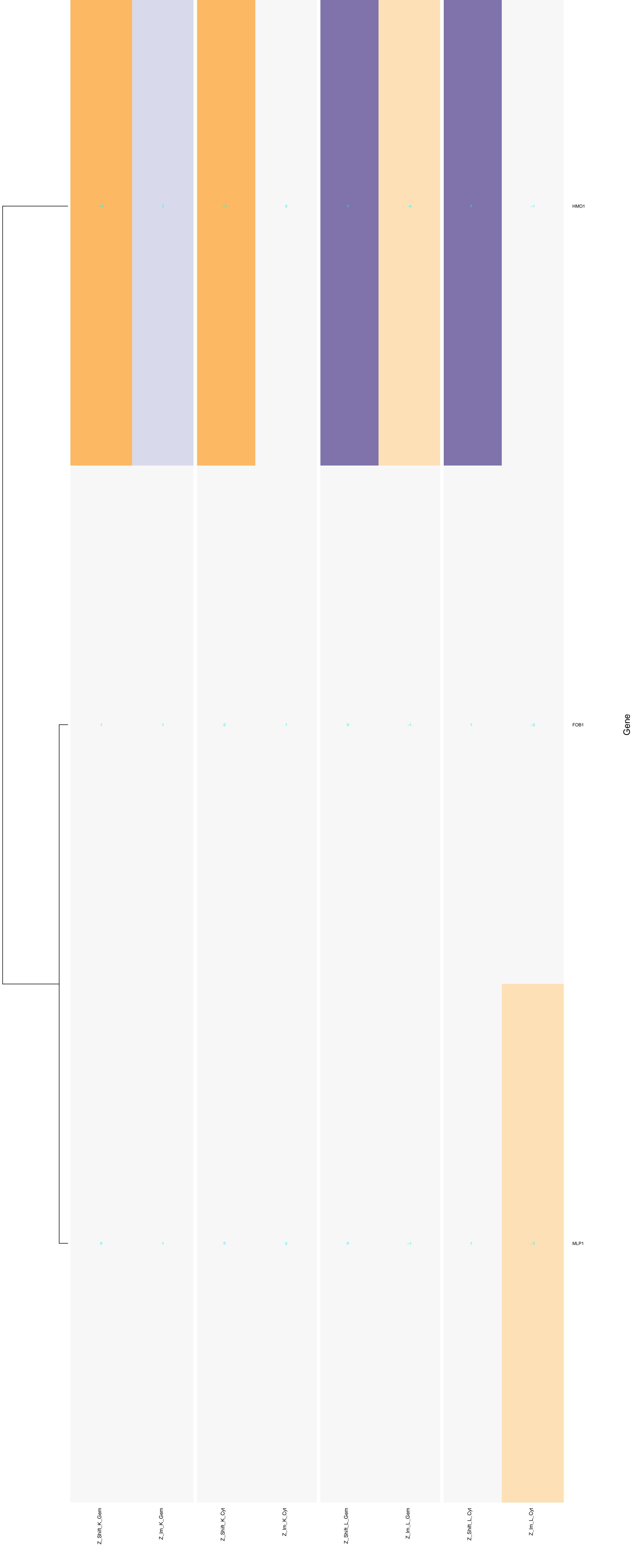
DNA conformation change



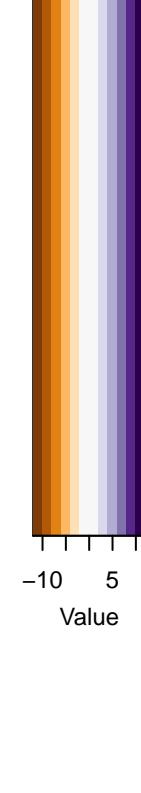
Color Key



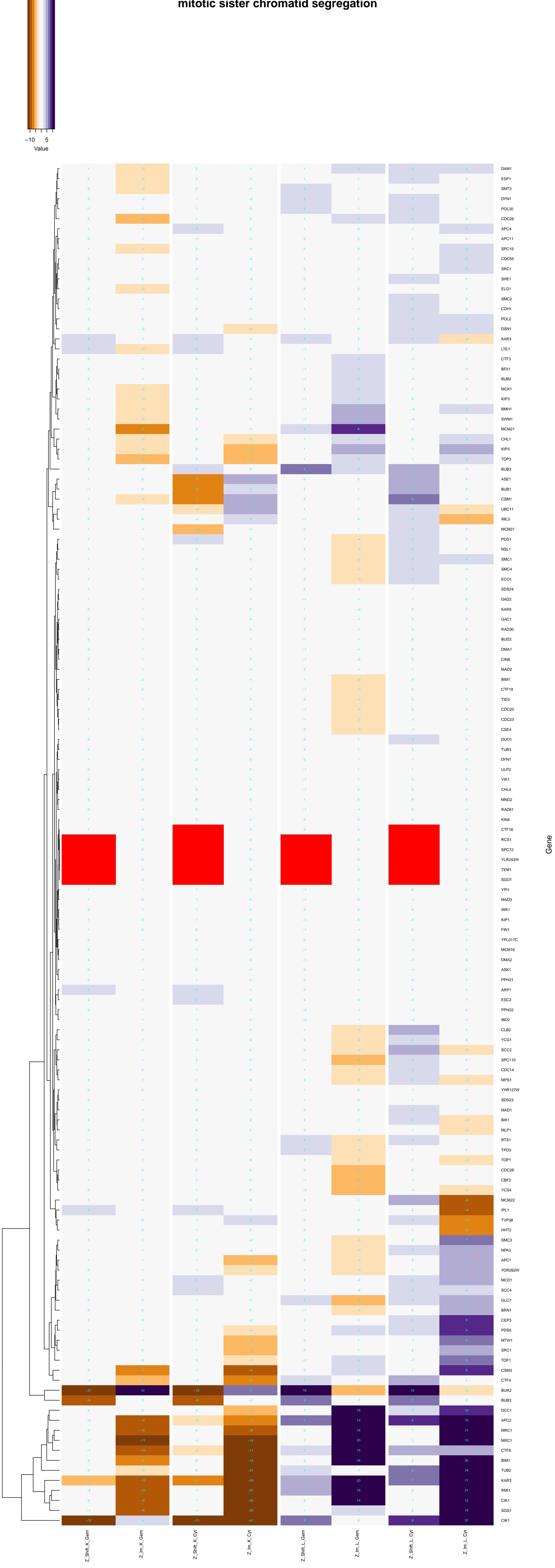
dsDNA loop formation



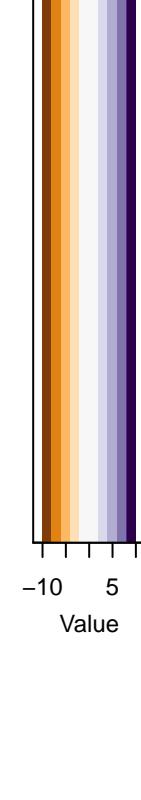
Color Key



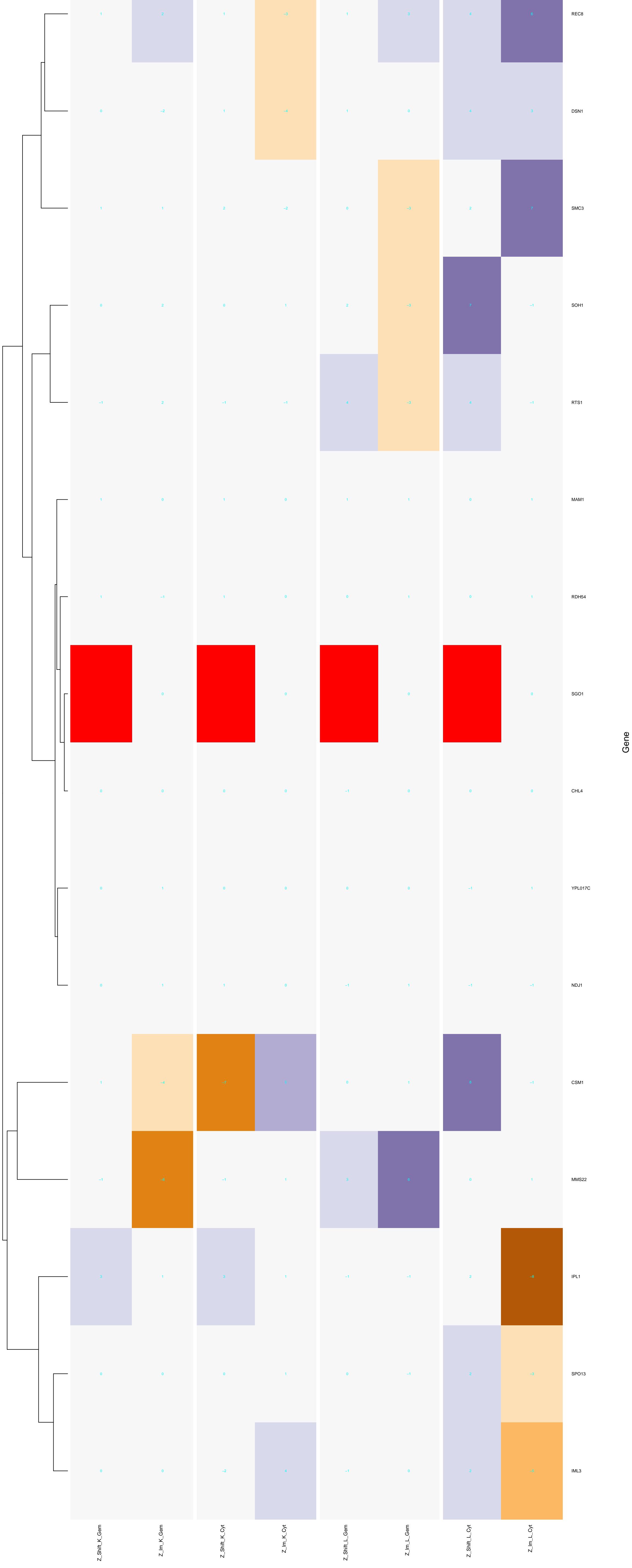
mitotic sister chromatid segregation

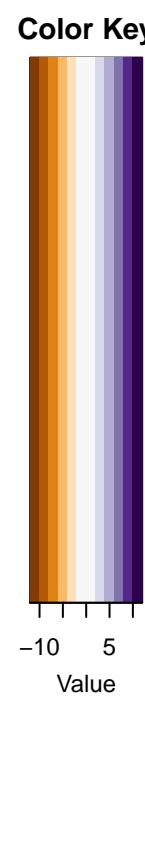


Color Key

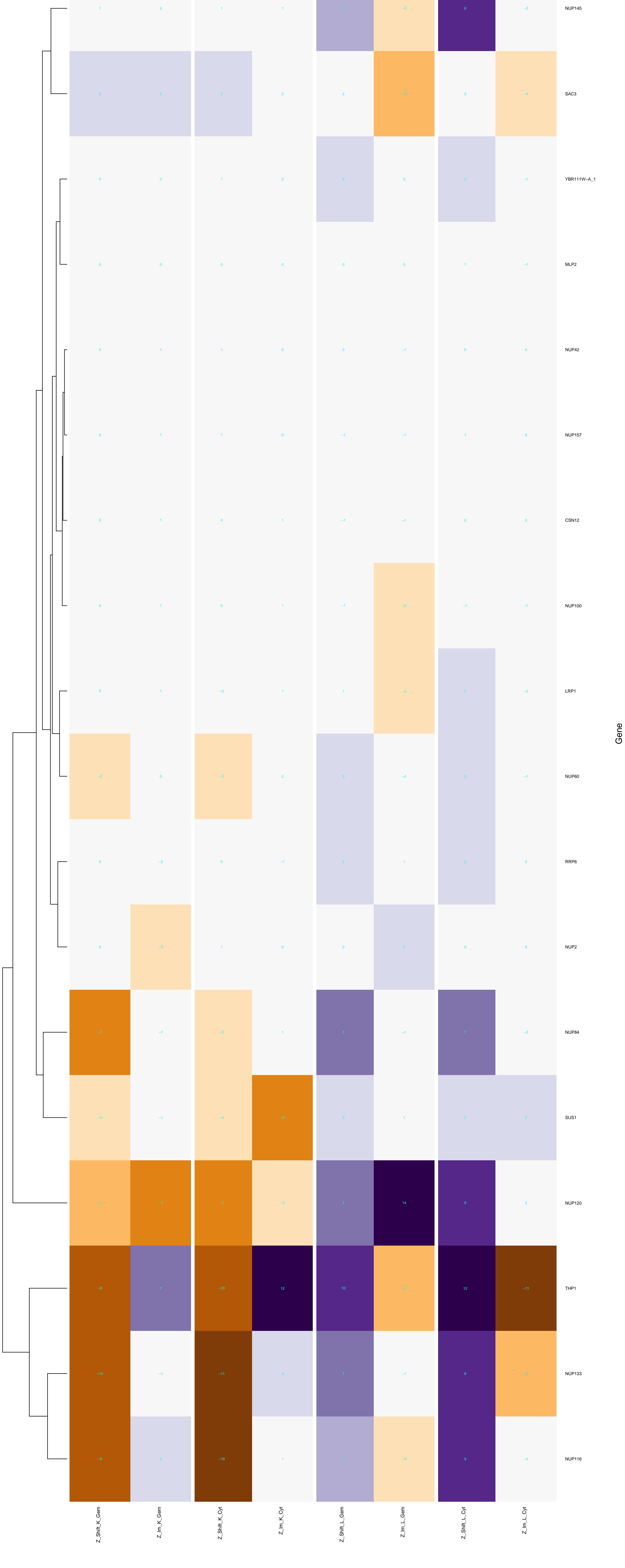


meiotic sister chromatid segregation





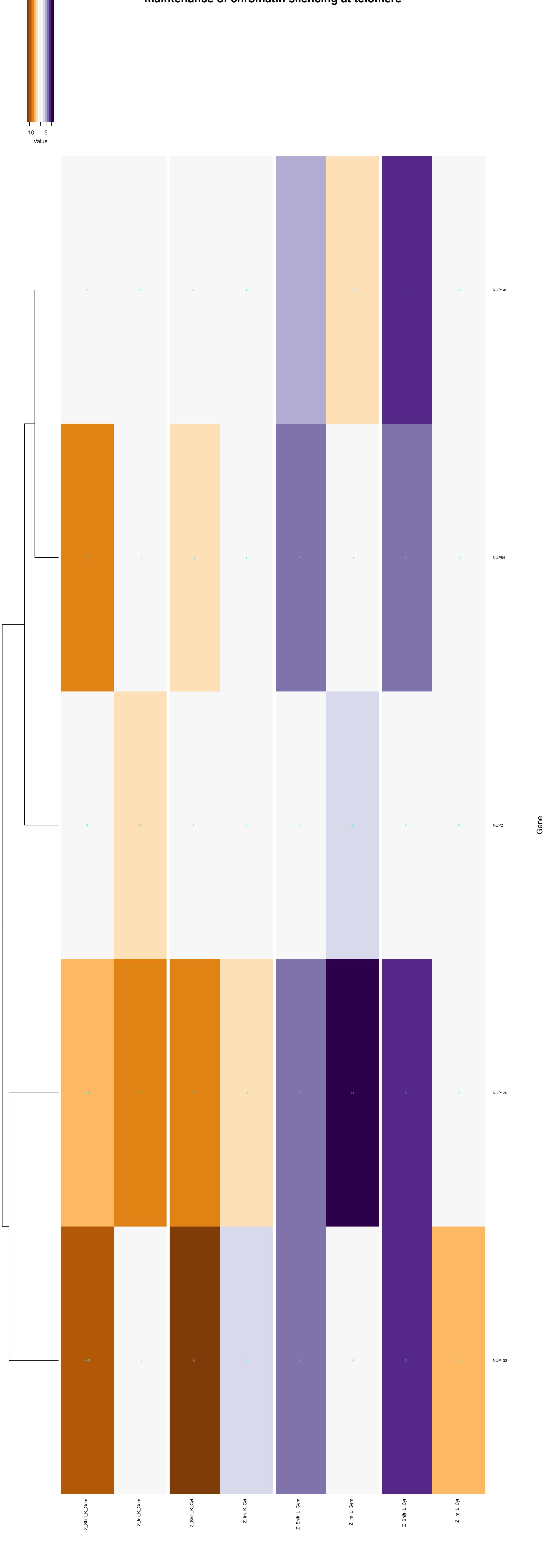
Posttranscriptional tethering of RNA polymerase II gene DNA at nuclear periphery

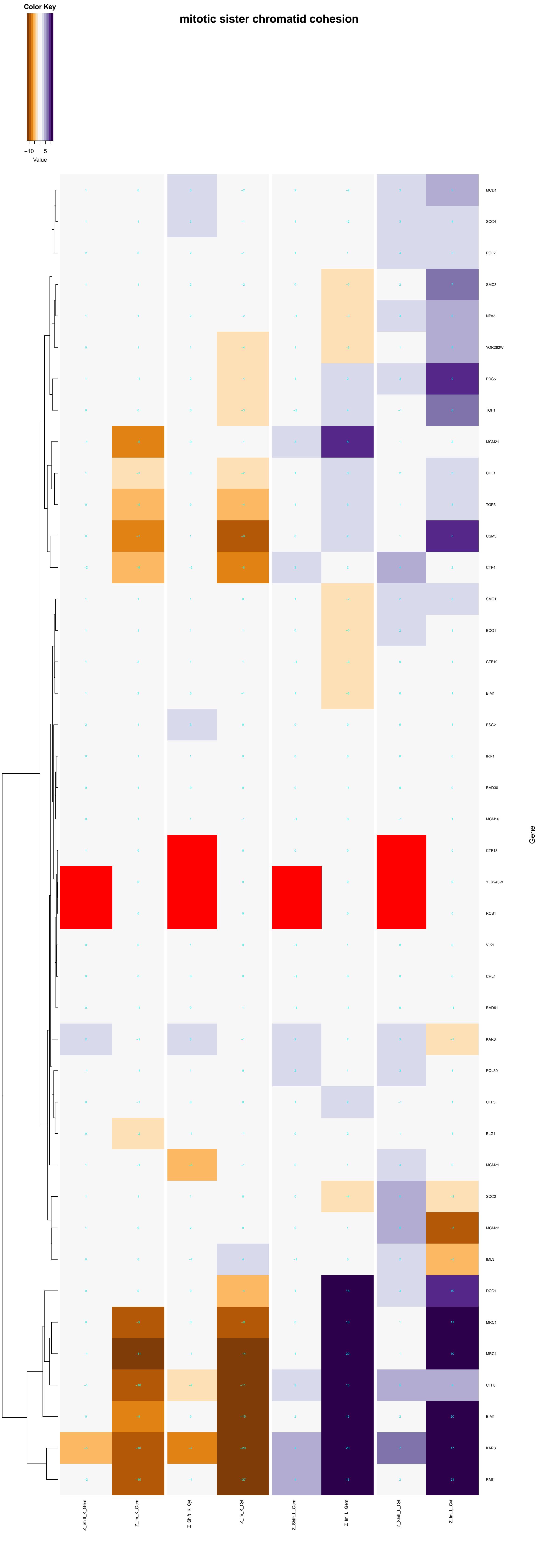


Color Key

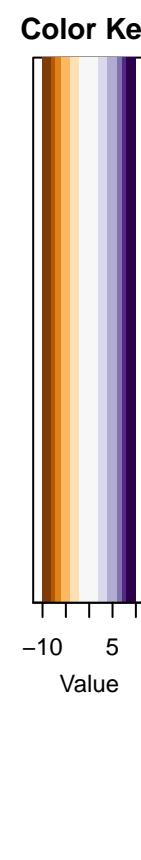


maintenance of chromatin silencing at telomere

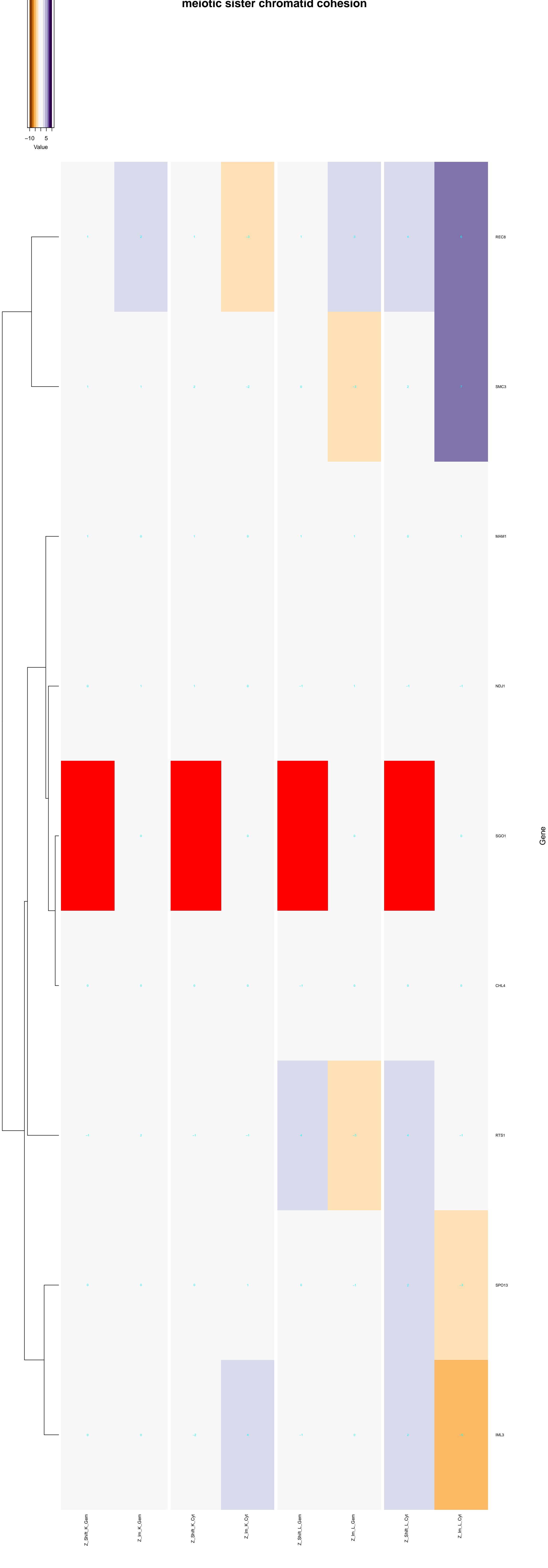


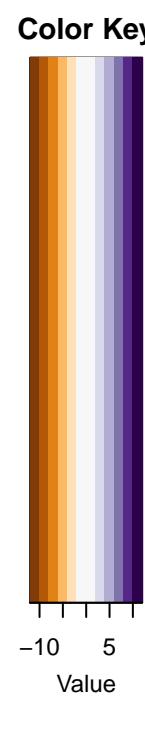


Color Key

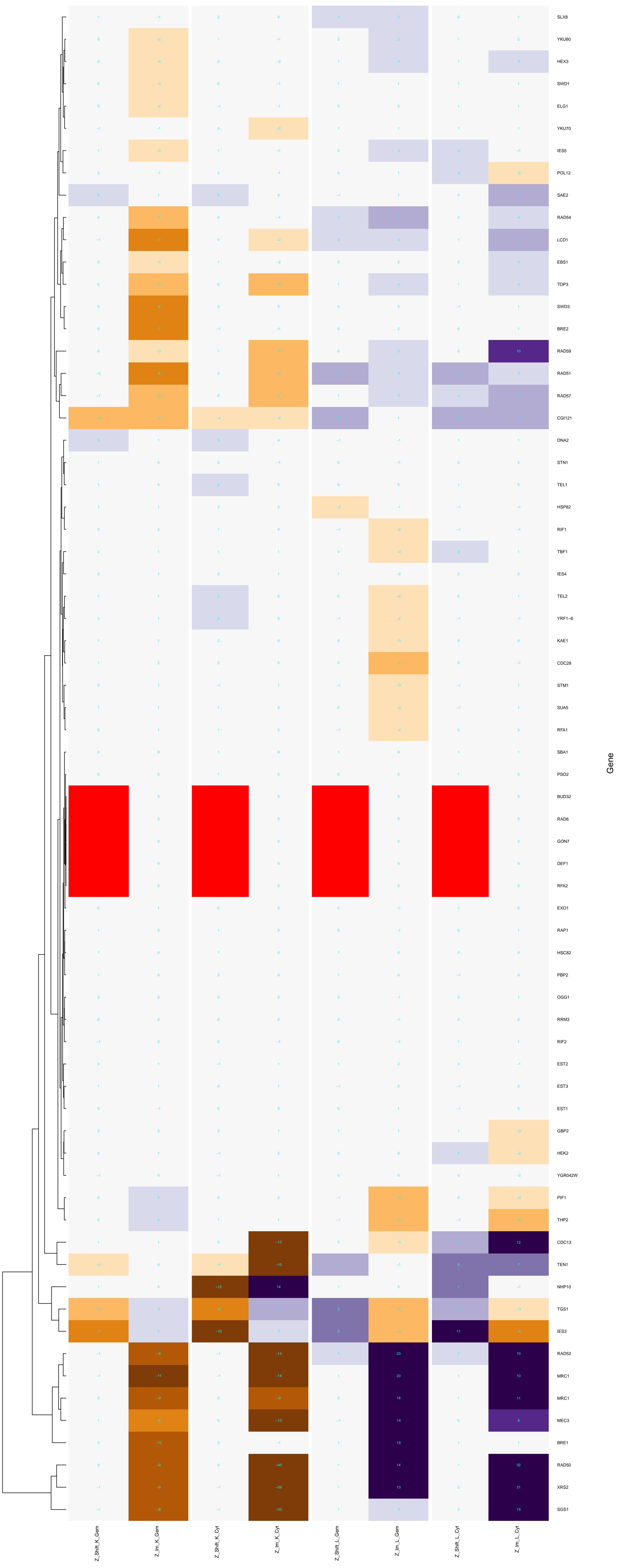


meiotic sister chromatid cohesion





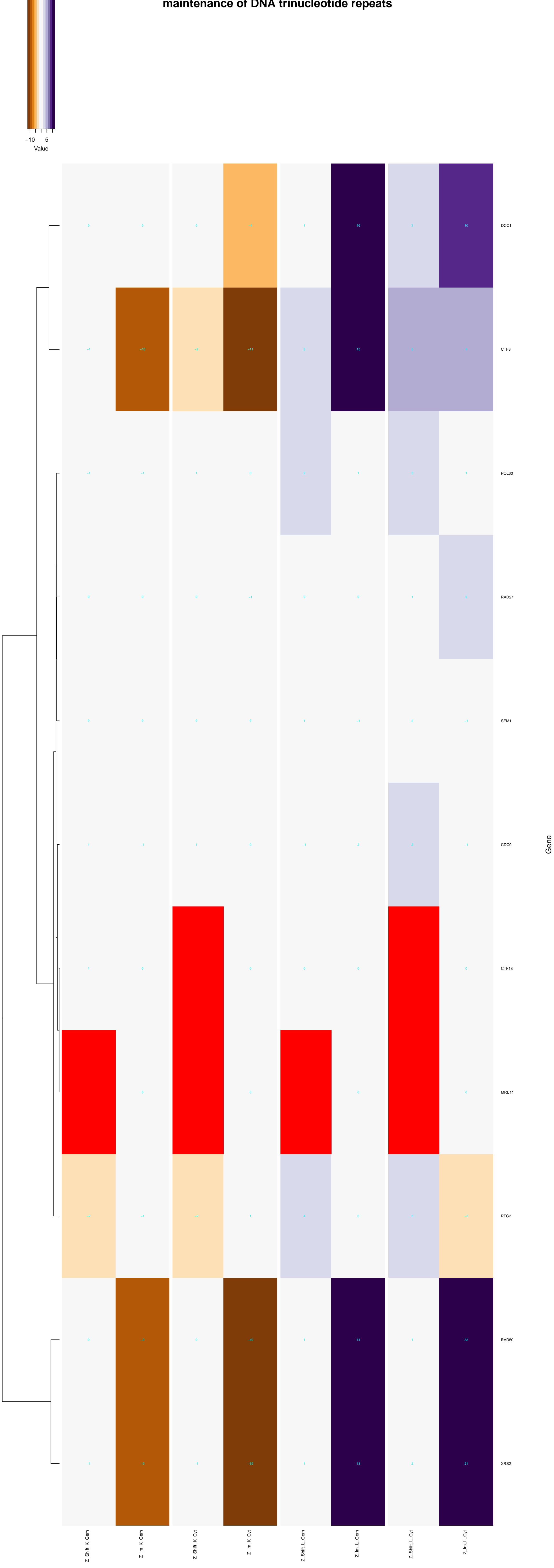
telomere maintenance



Color Key



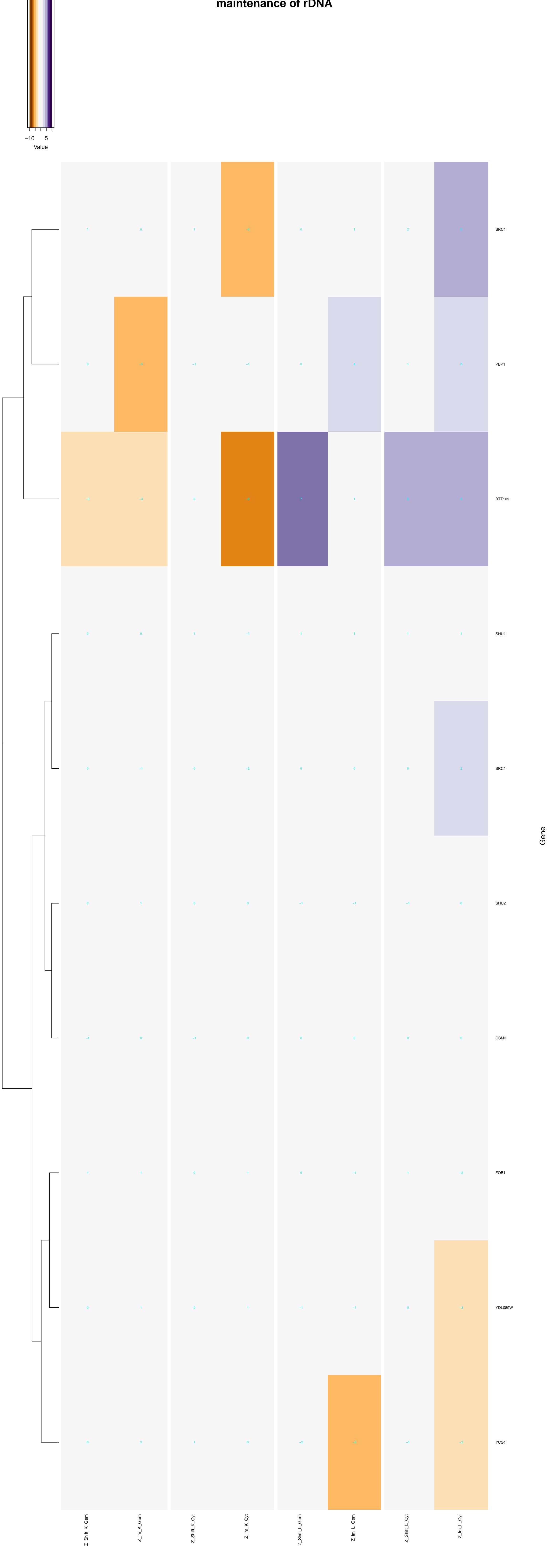
maintenance of DNA trinucleotide repeats



Color Key

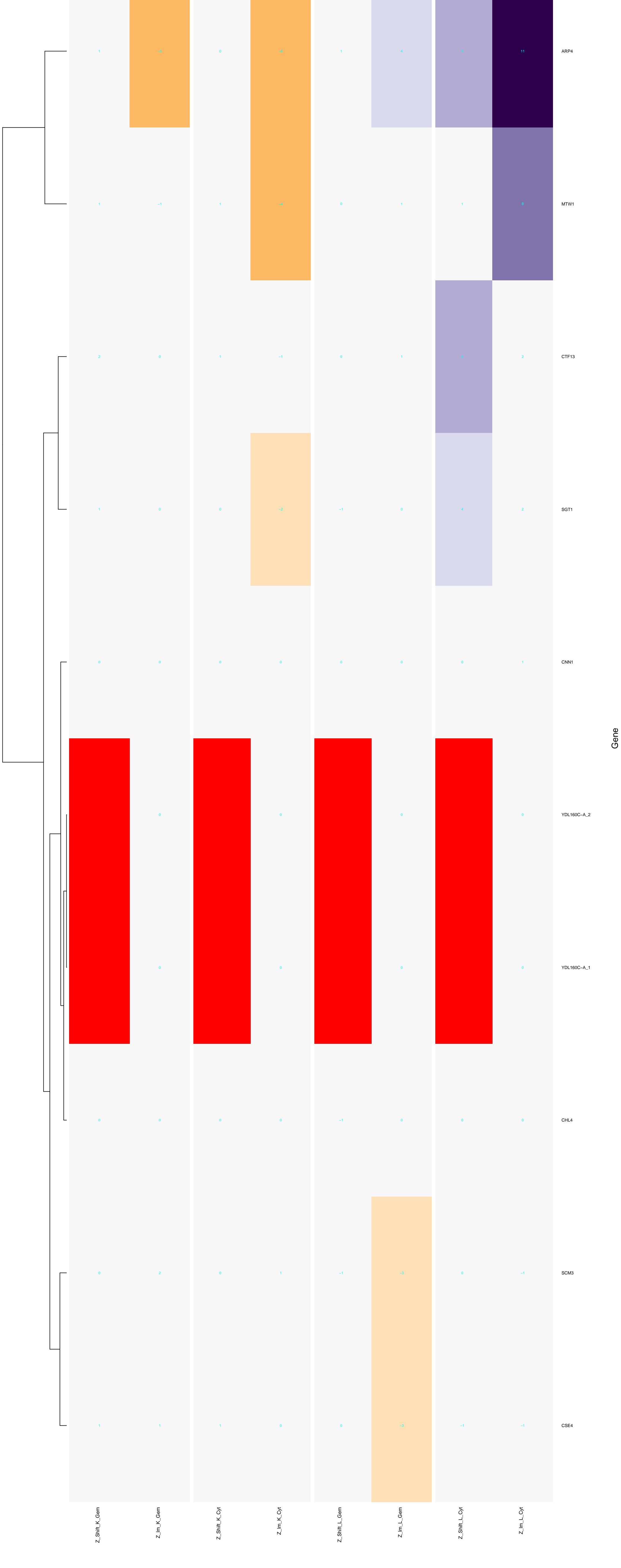
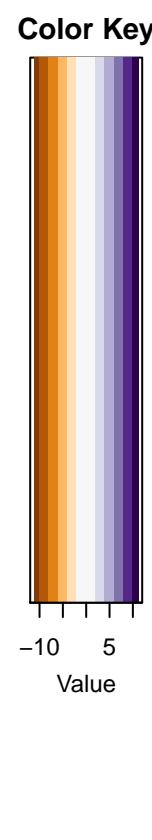


maintenance of rDNA

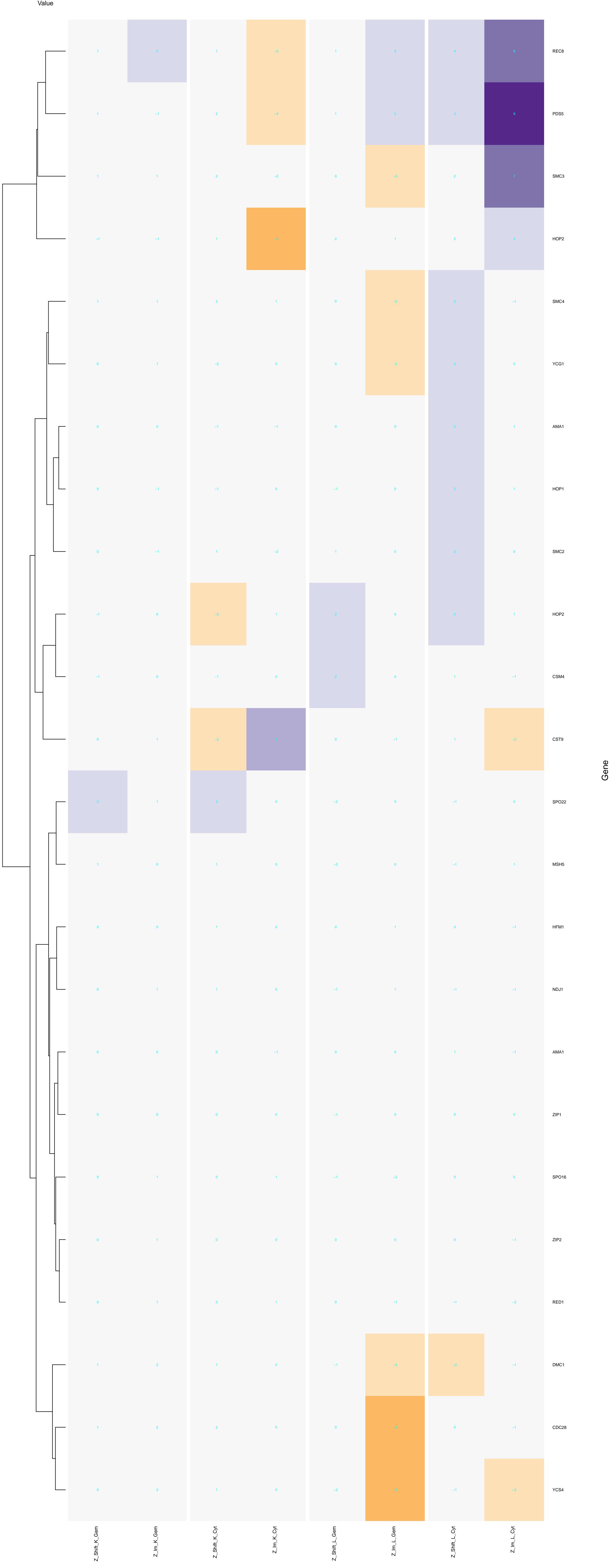
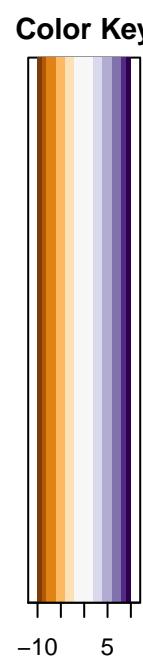


kinetochore assembly

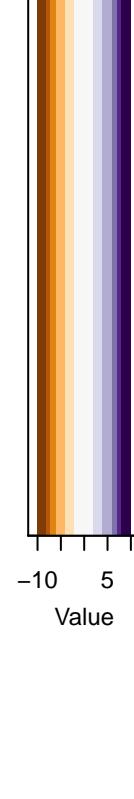
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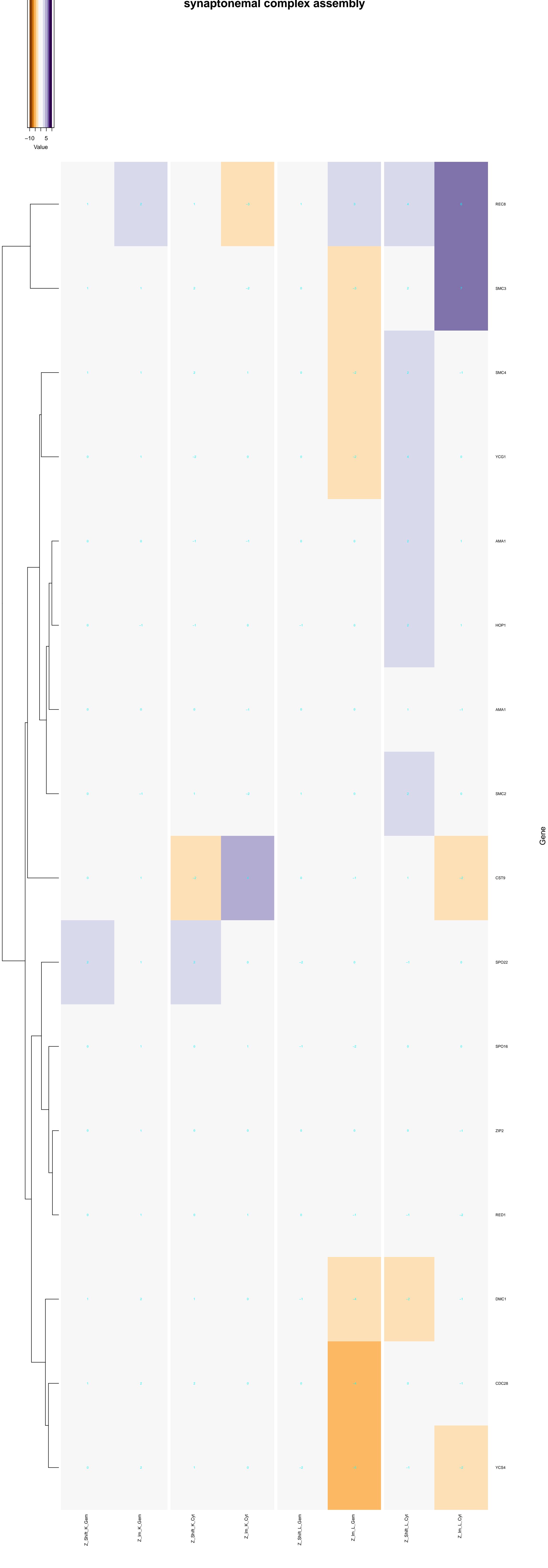
synapsis



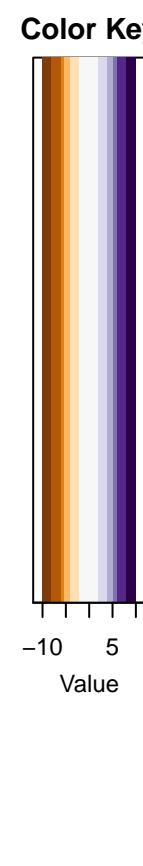
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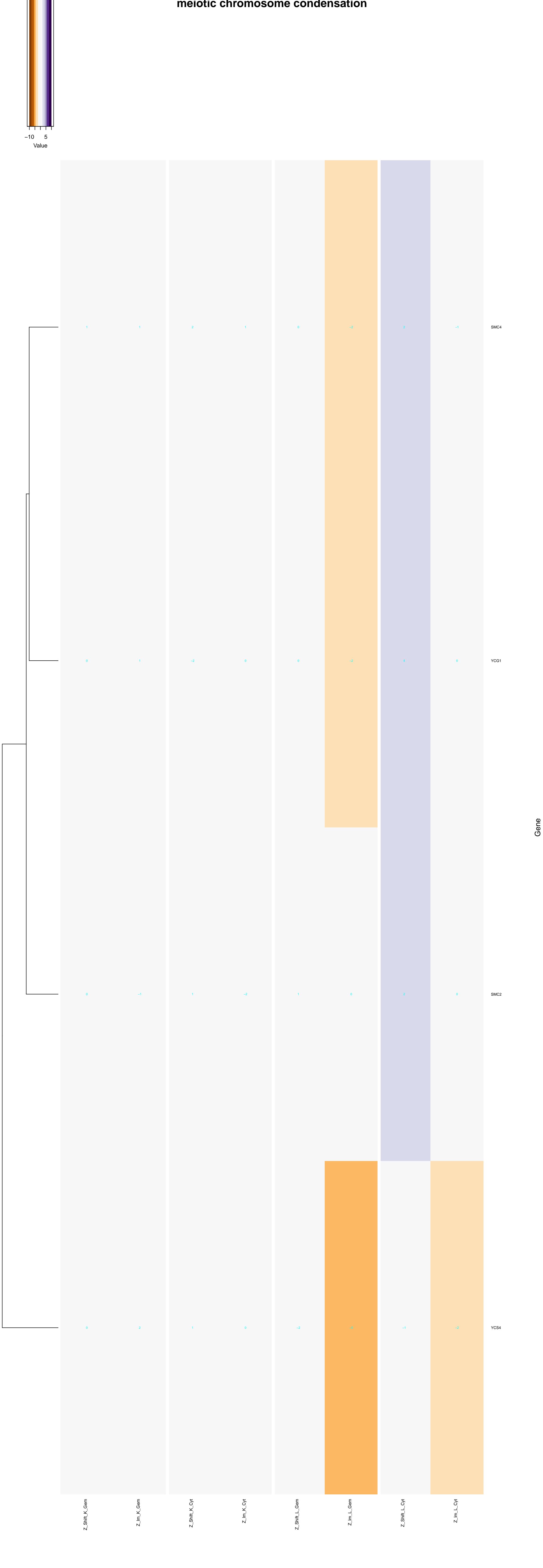
synaptonemal complex assembly



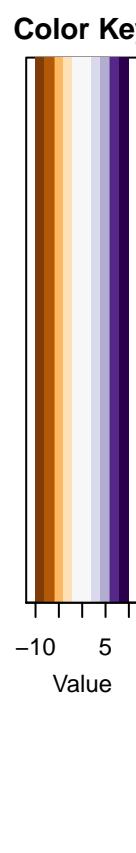
Color Key



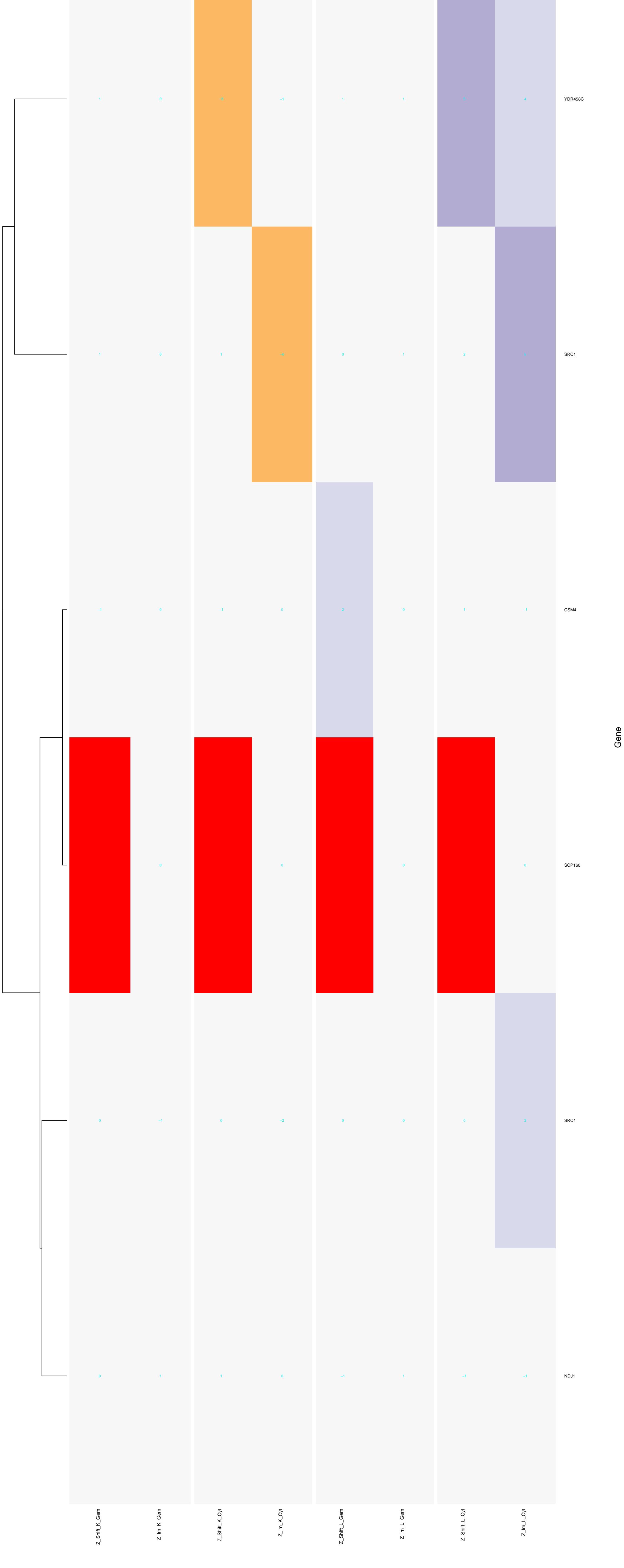
meiotic chromosome condensation



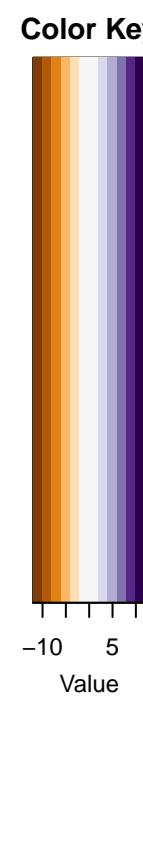
Color Key



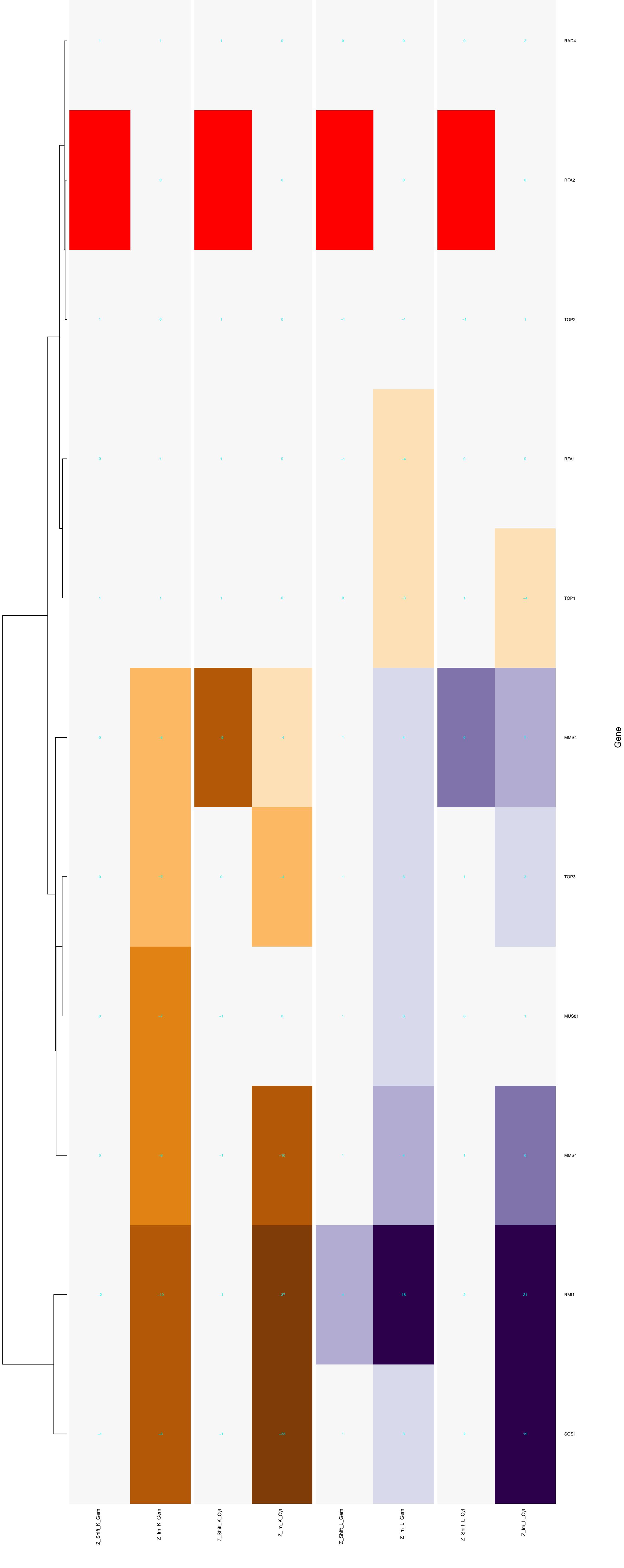
meiotic telomere clustering

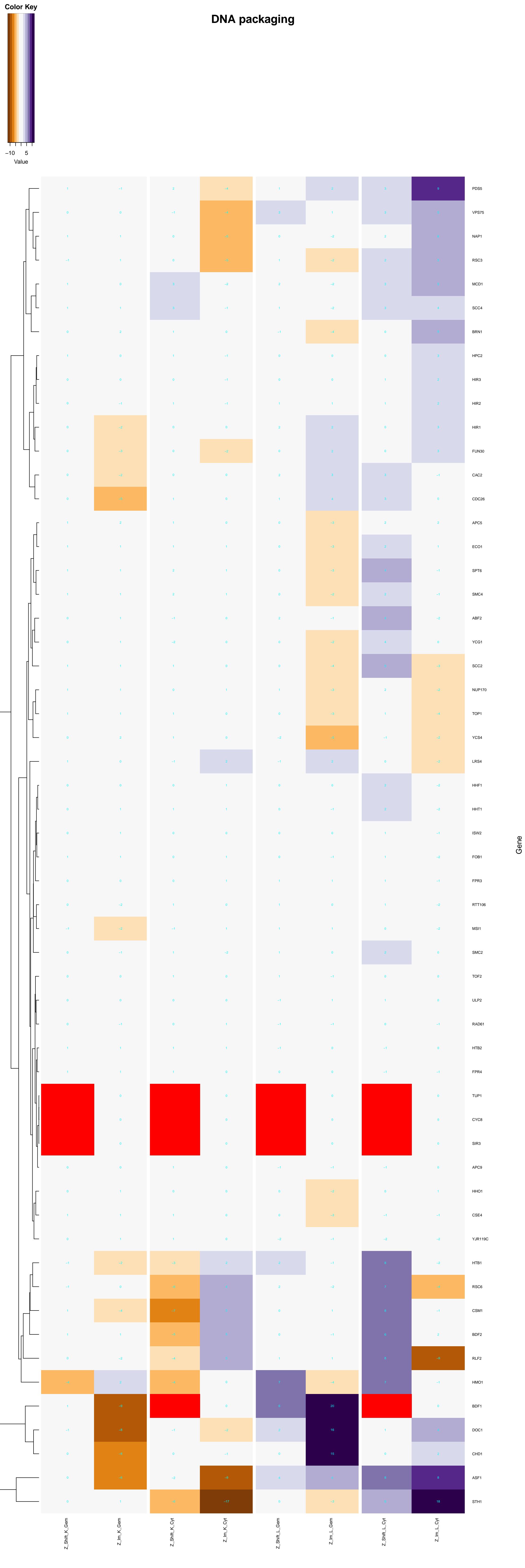


Color Key

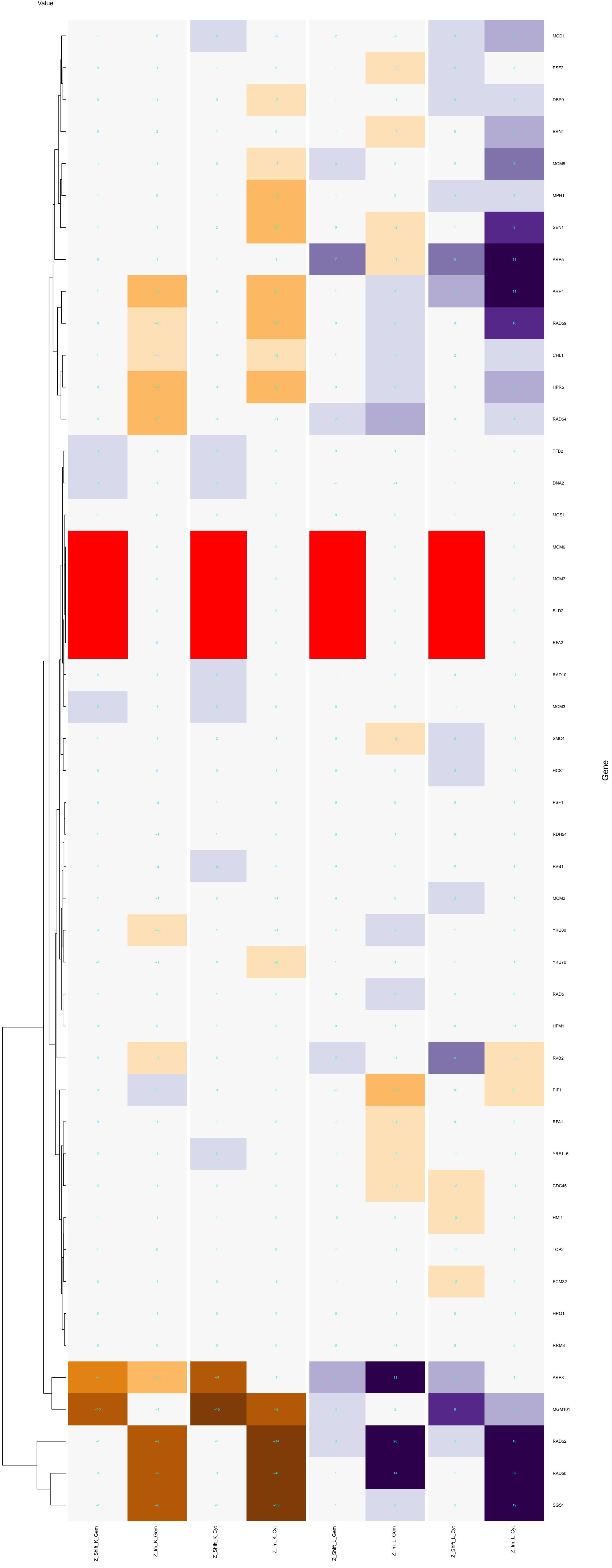
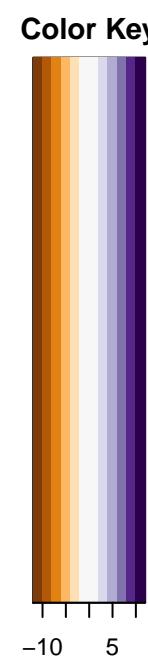


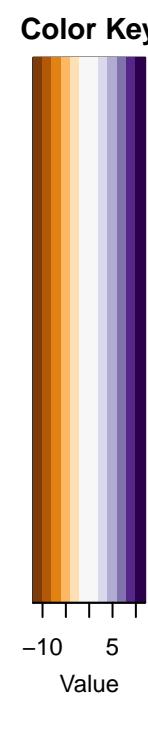
DNA topological change



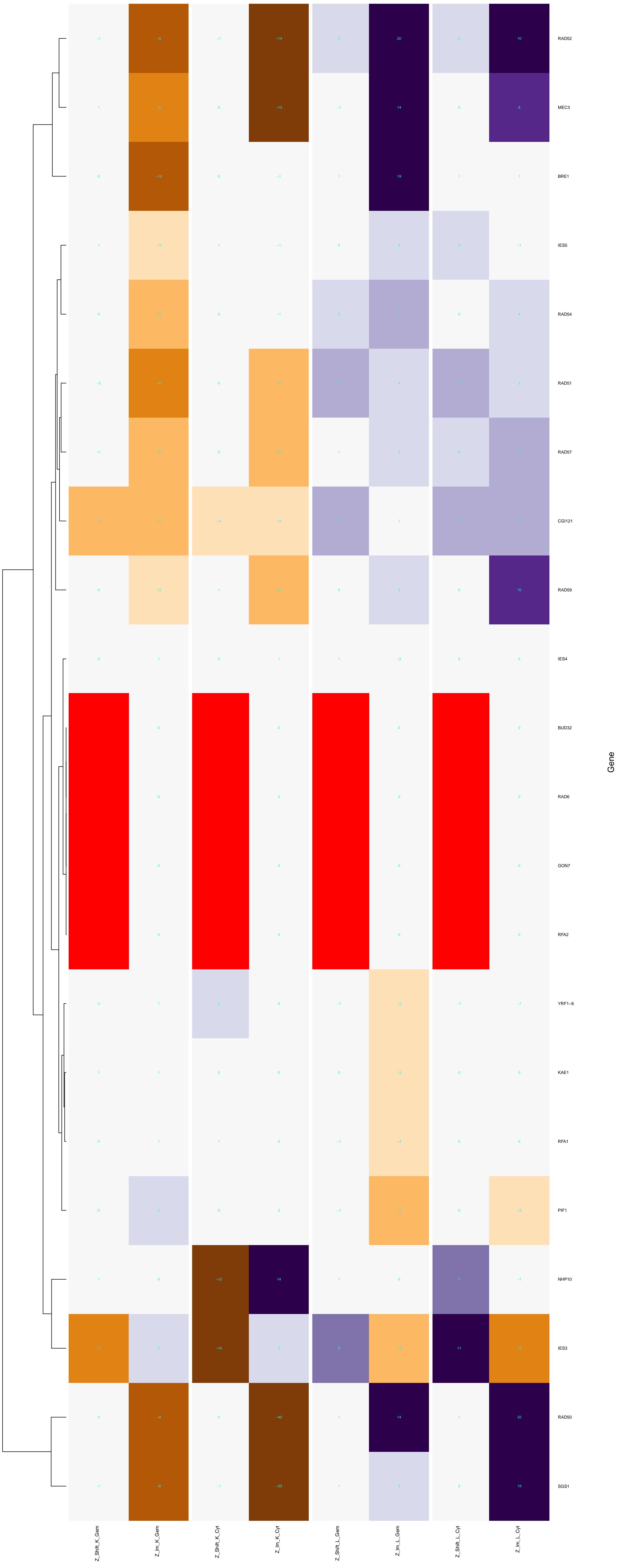


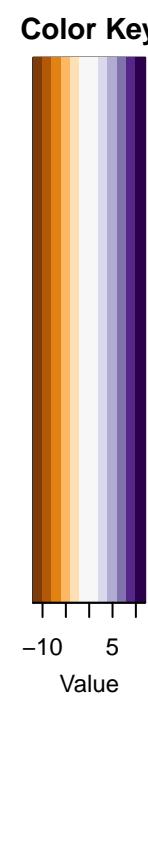
DNA geometric change



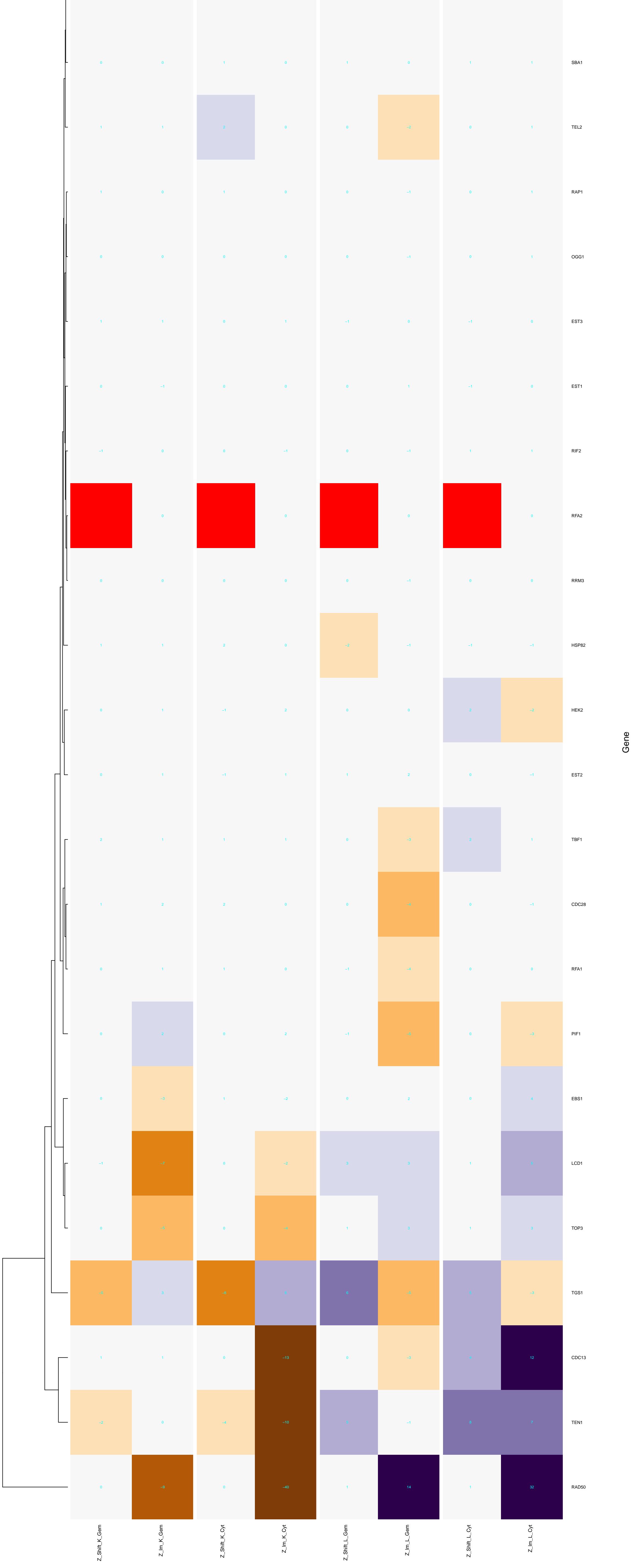


telomere maintenance via recombination

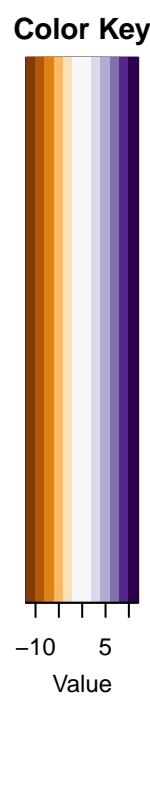




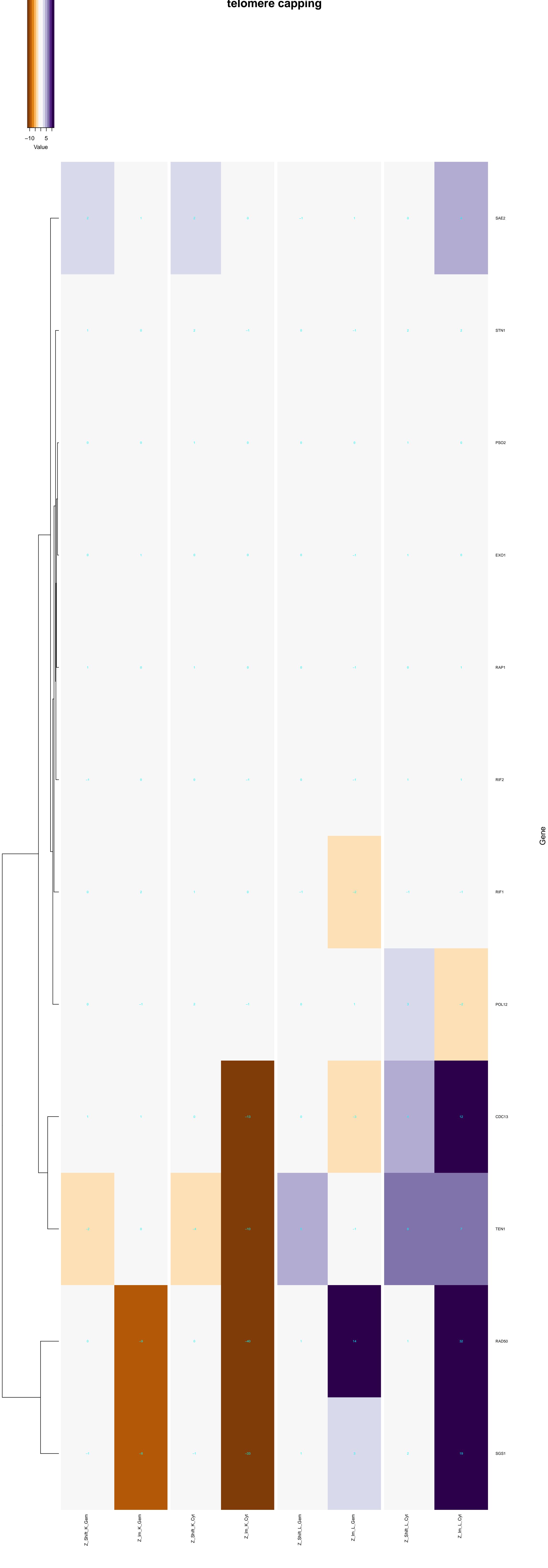
telomere maintenance via telomere lengthening



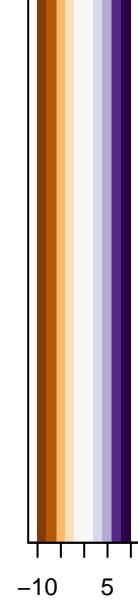
Color Key



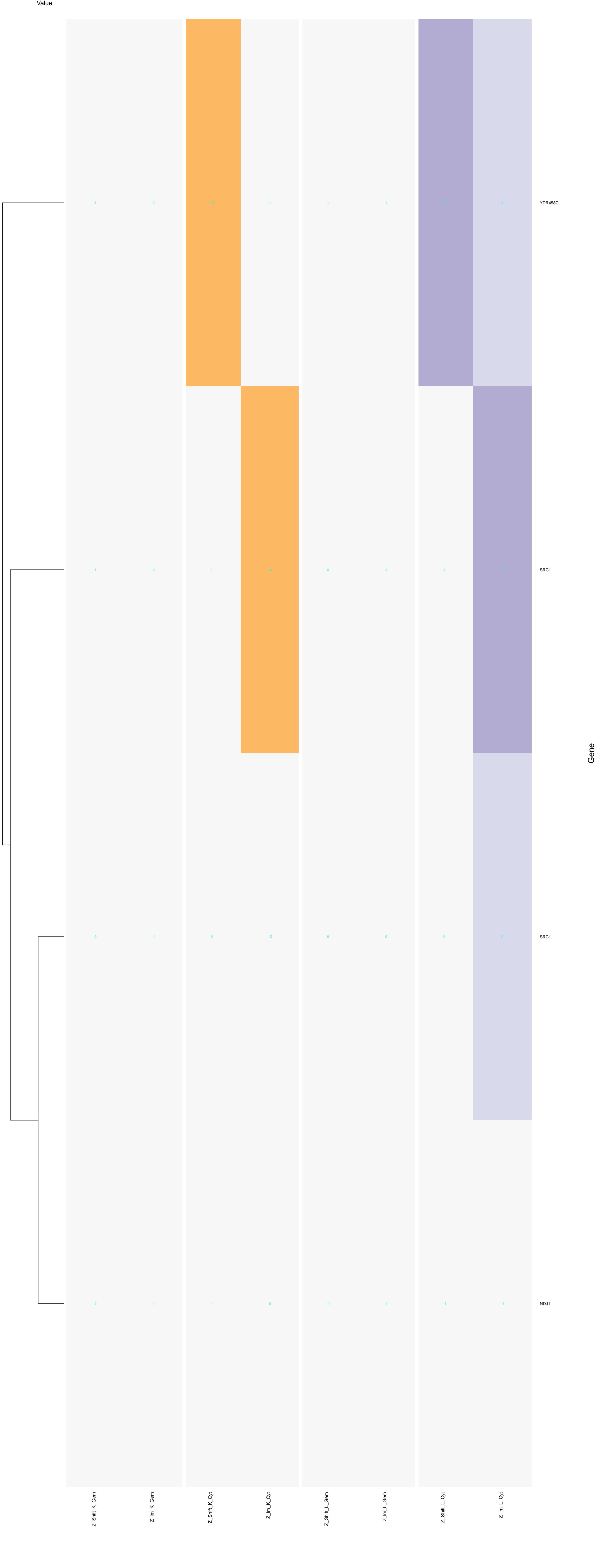
telomere capping



Color Key



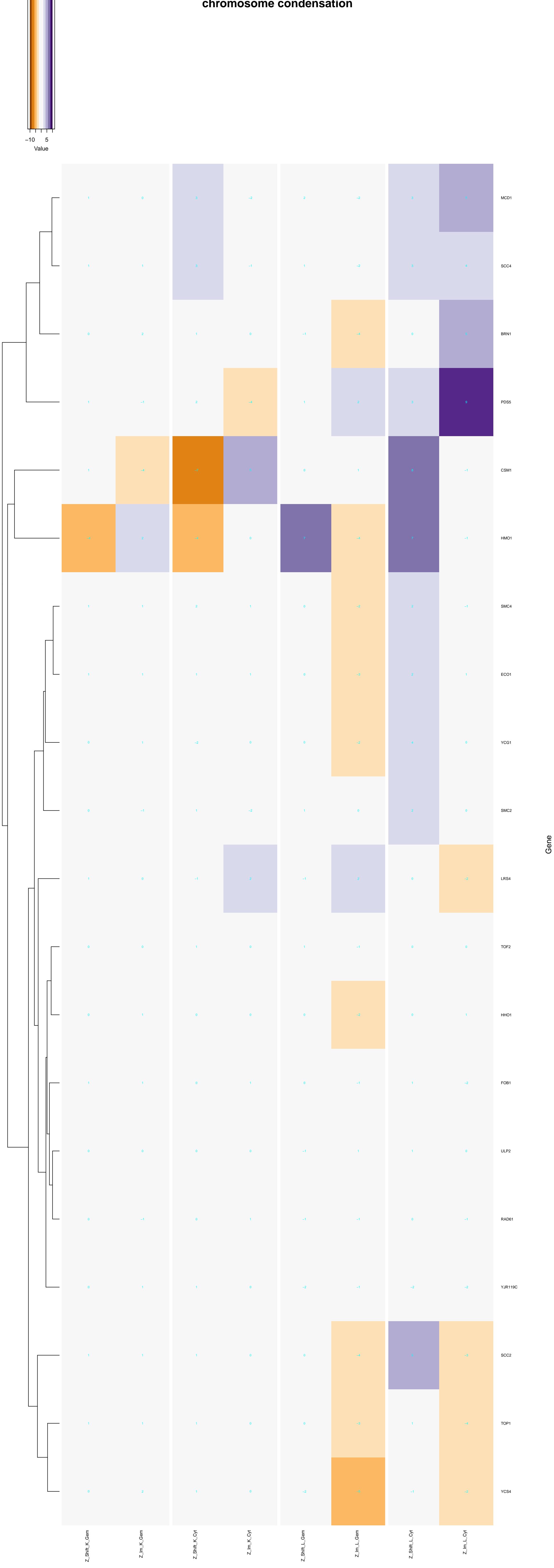
meiotic telomere tethering at nuclear periphery



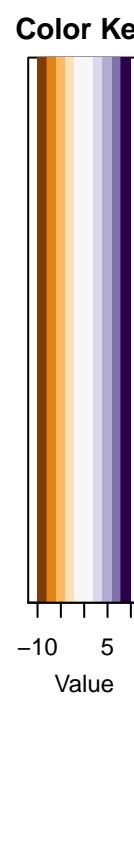
Color Key



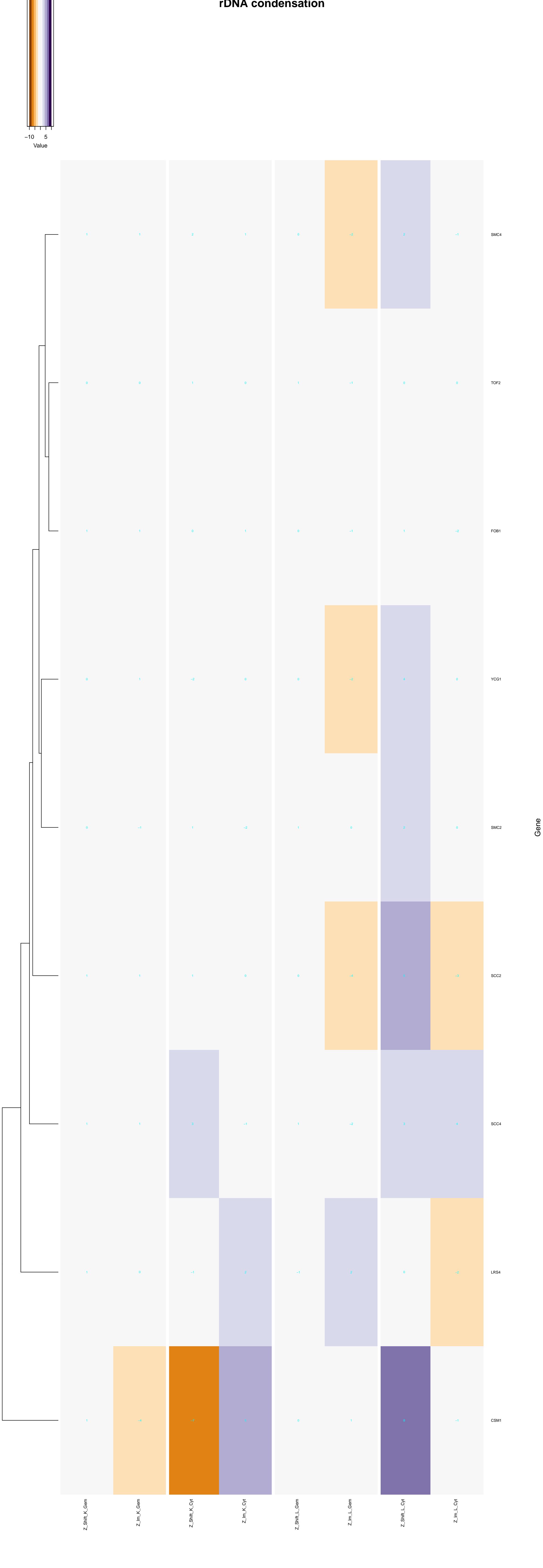
chromosome condensation



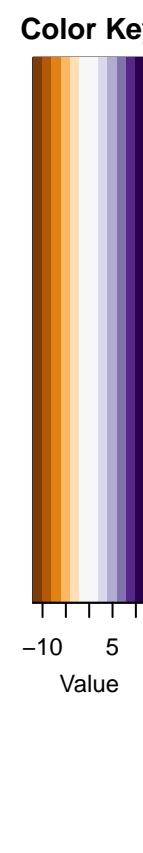
Color Key



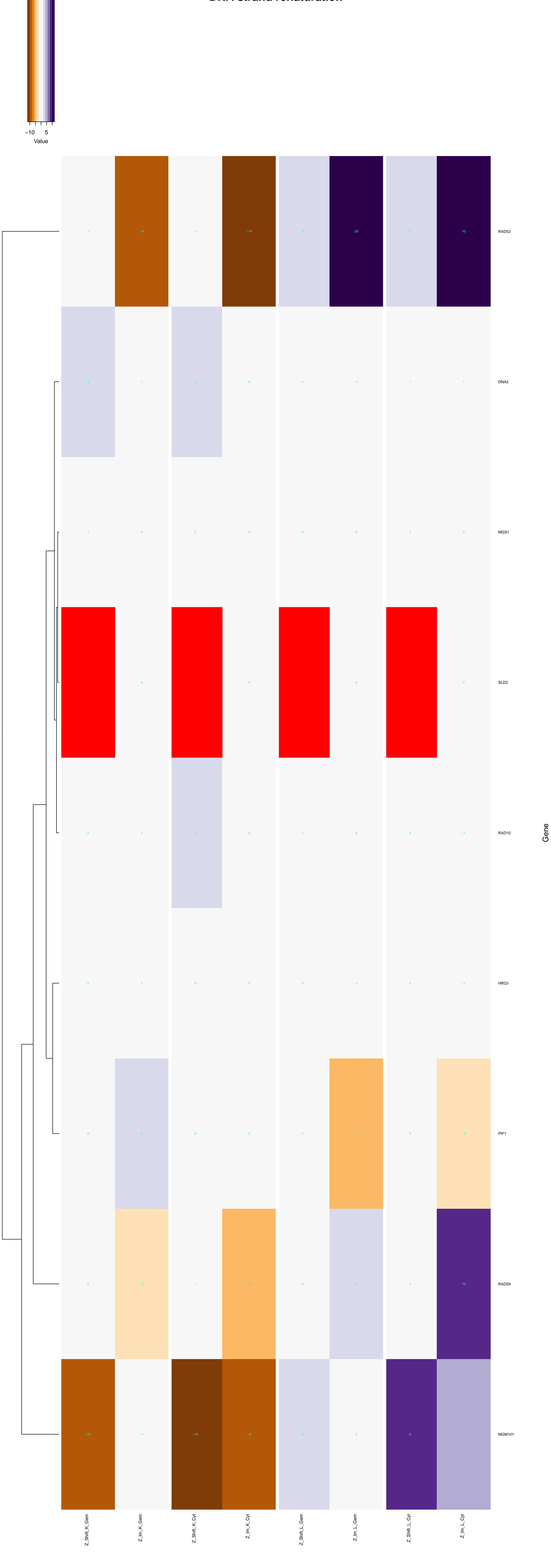
rDNA condensation

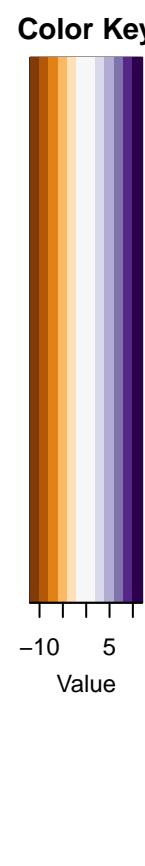


Color Key

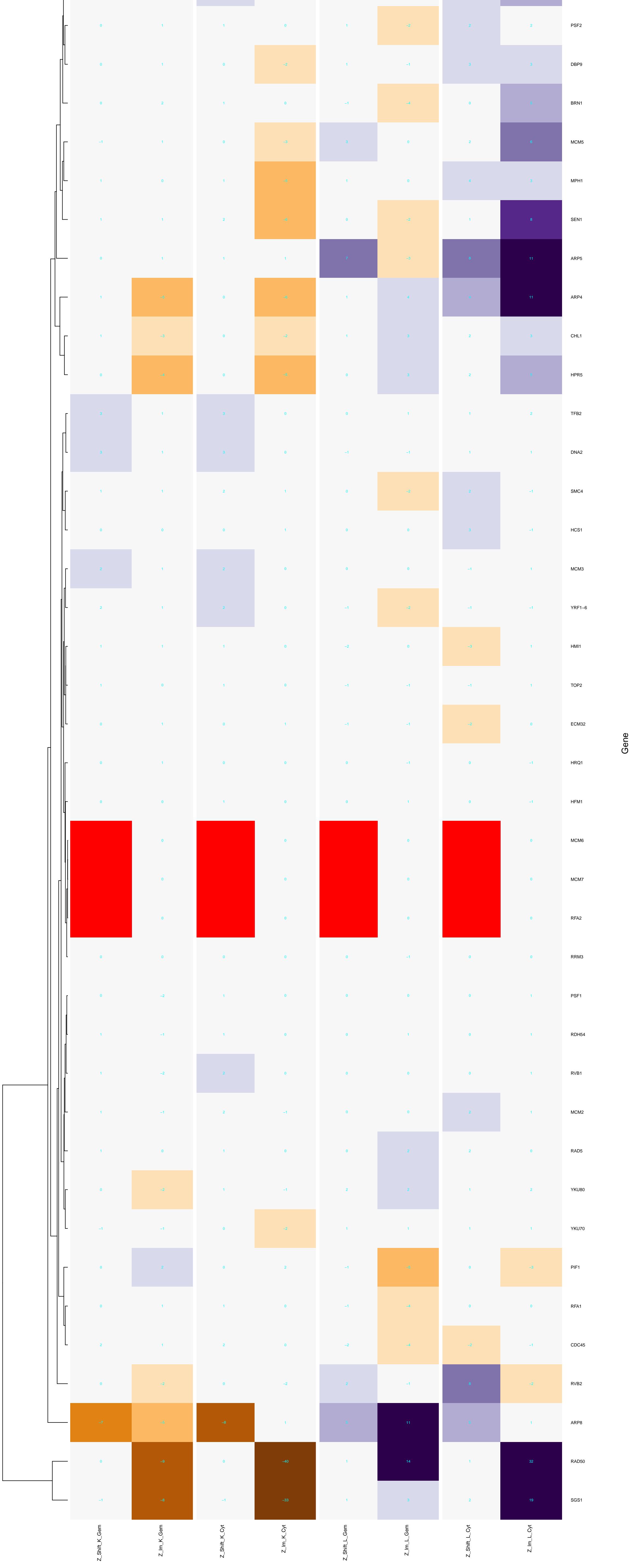


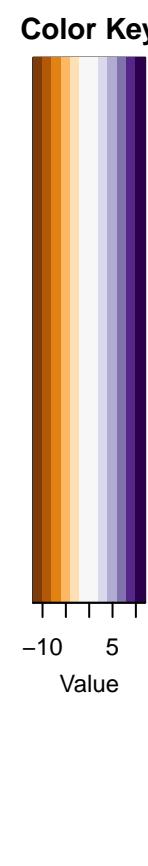
DNA strand renaturation



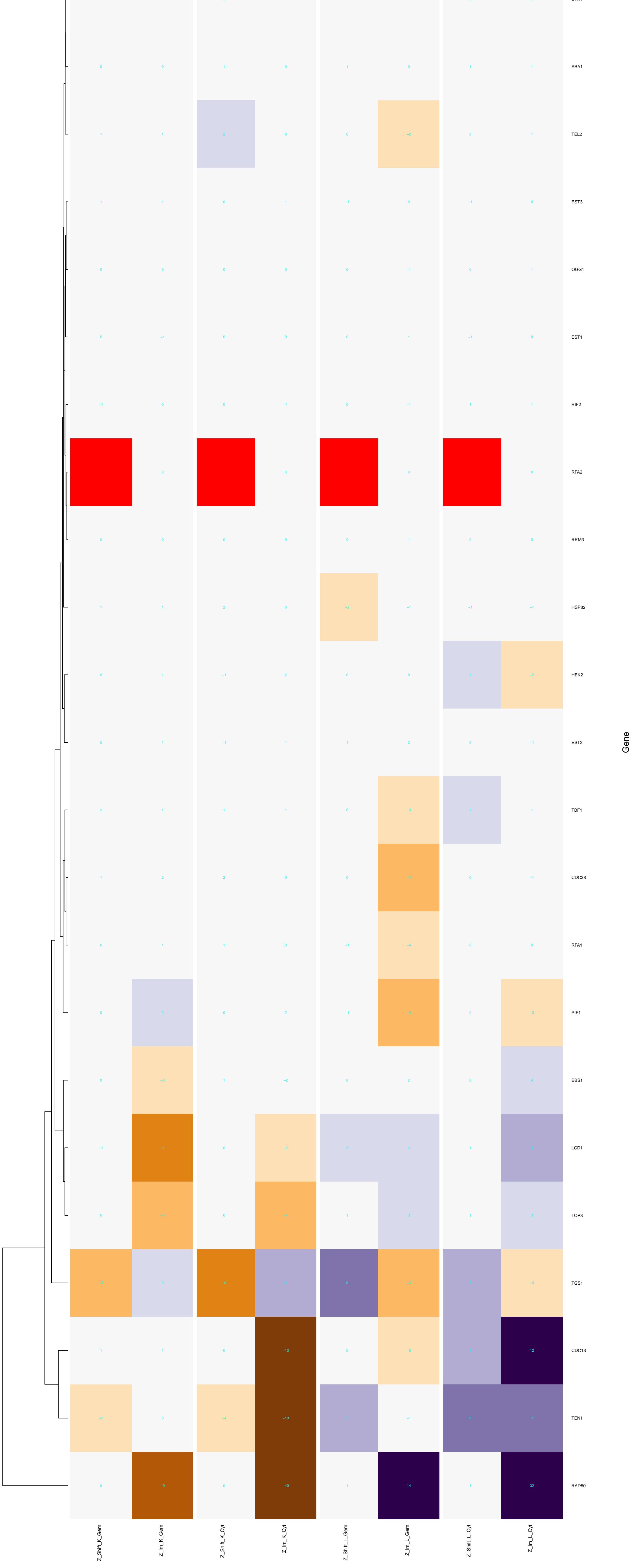


DNA duplex unwinding

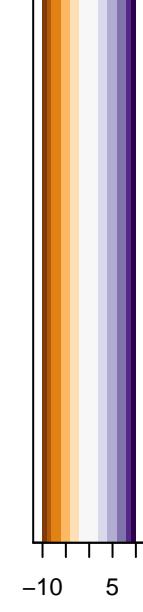




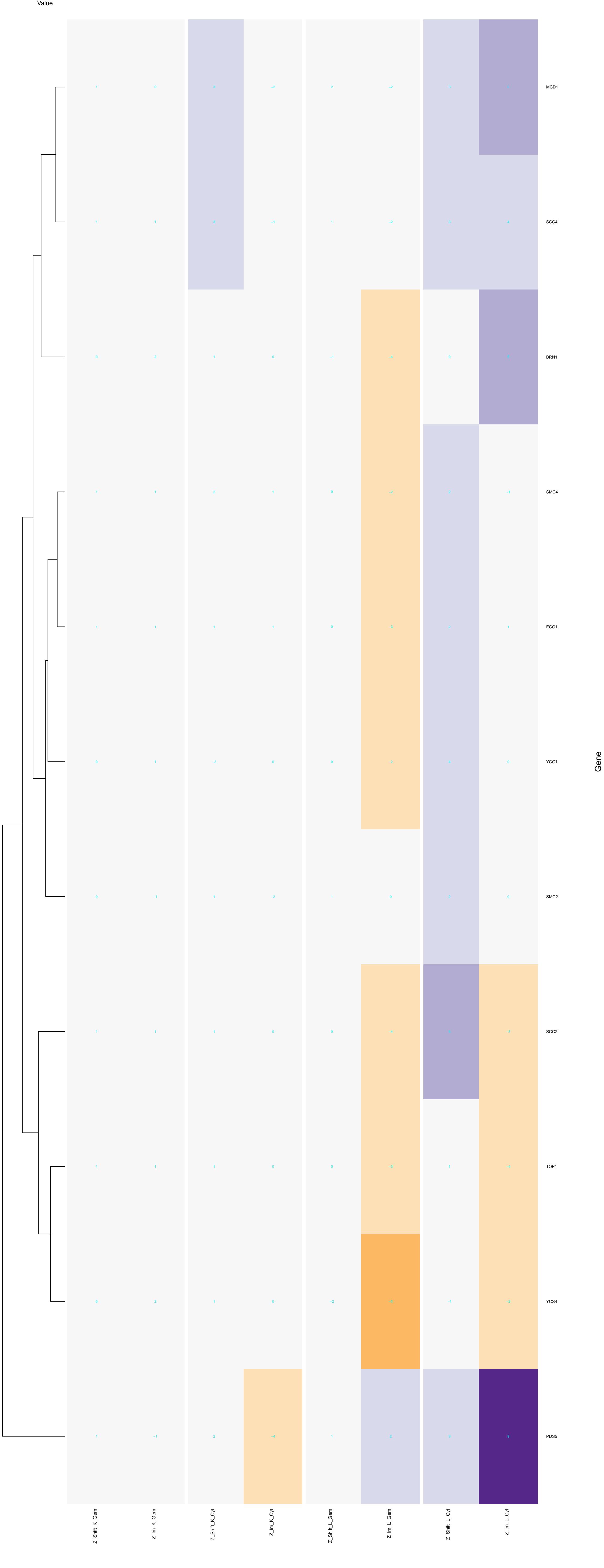
telomere maintenance via telomerase



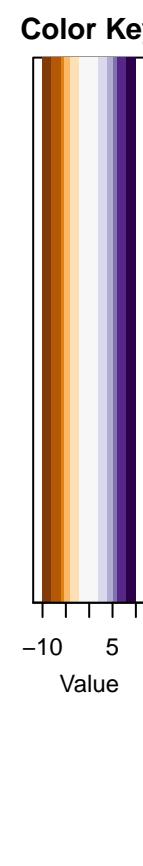
Color Key



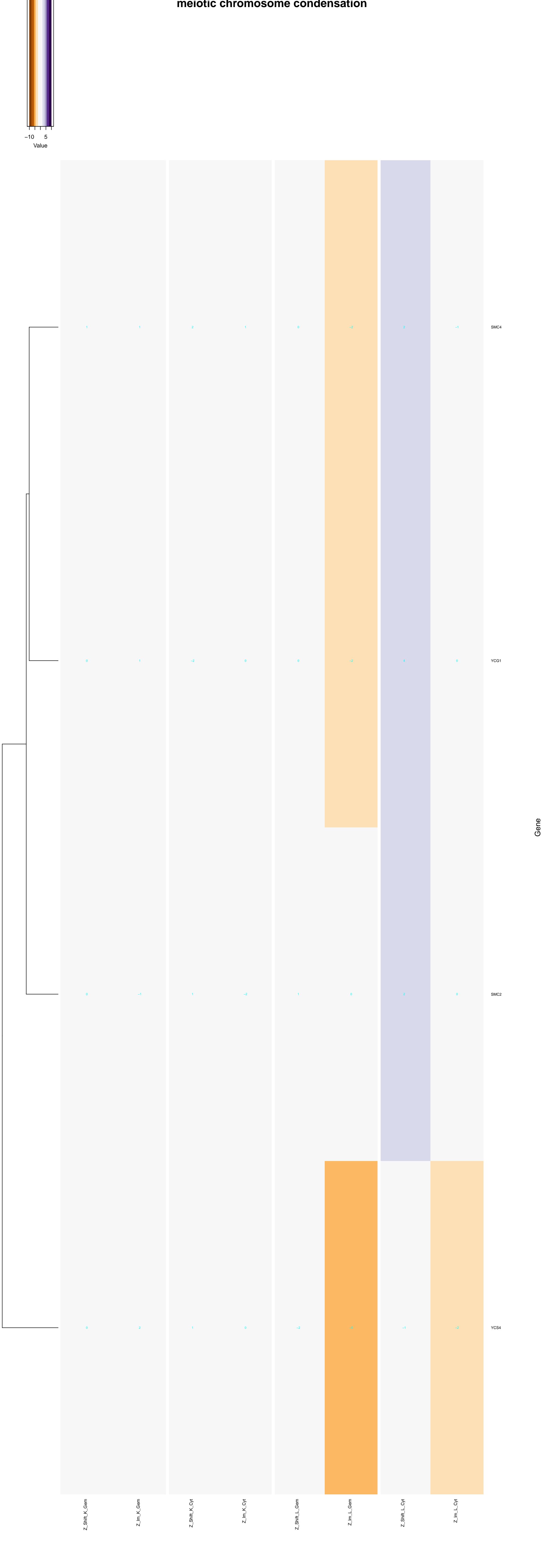
mitotic chromosome condensation



Color Key



meiotic chromosome condensation



Color Key



DNA unwinding involved in DNA replication

