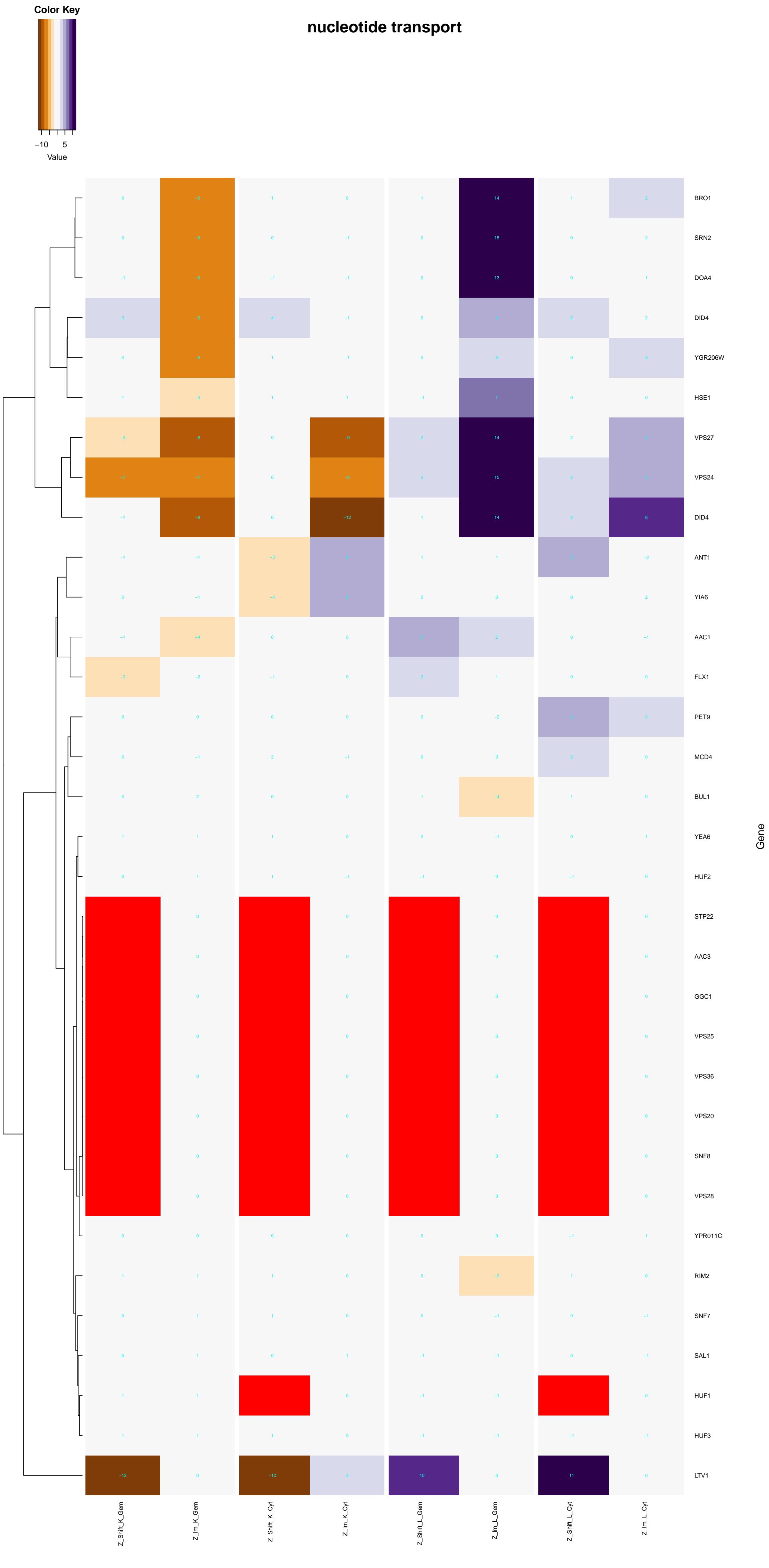
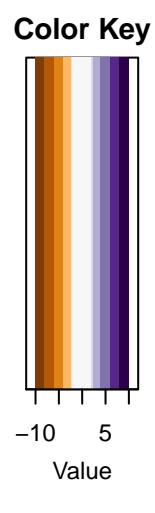
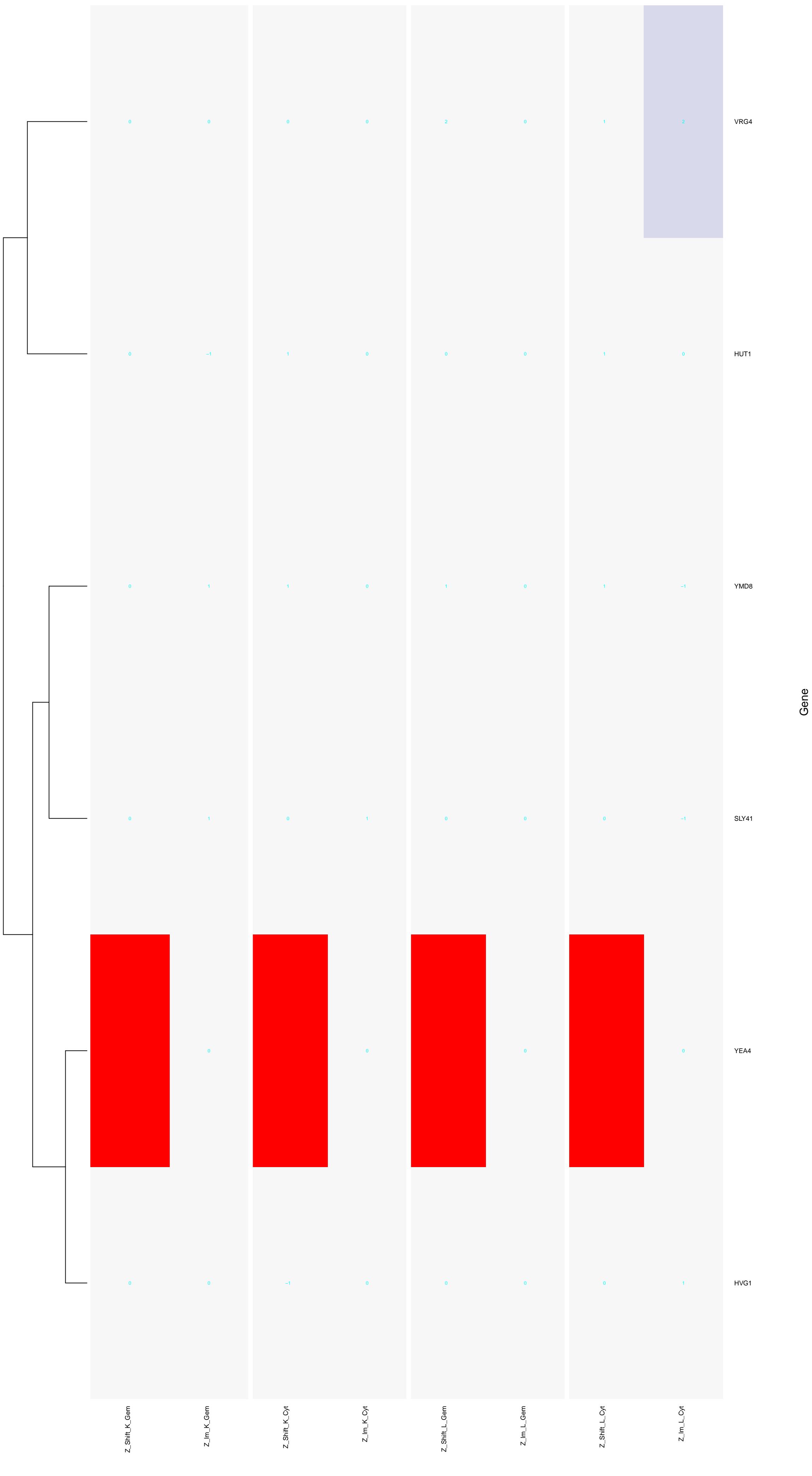


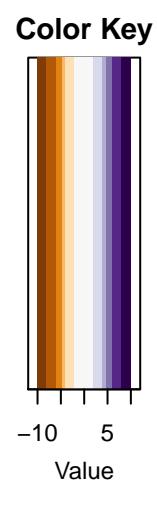
# nucleotide transport



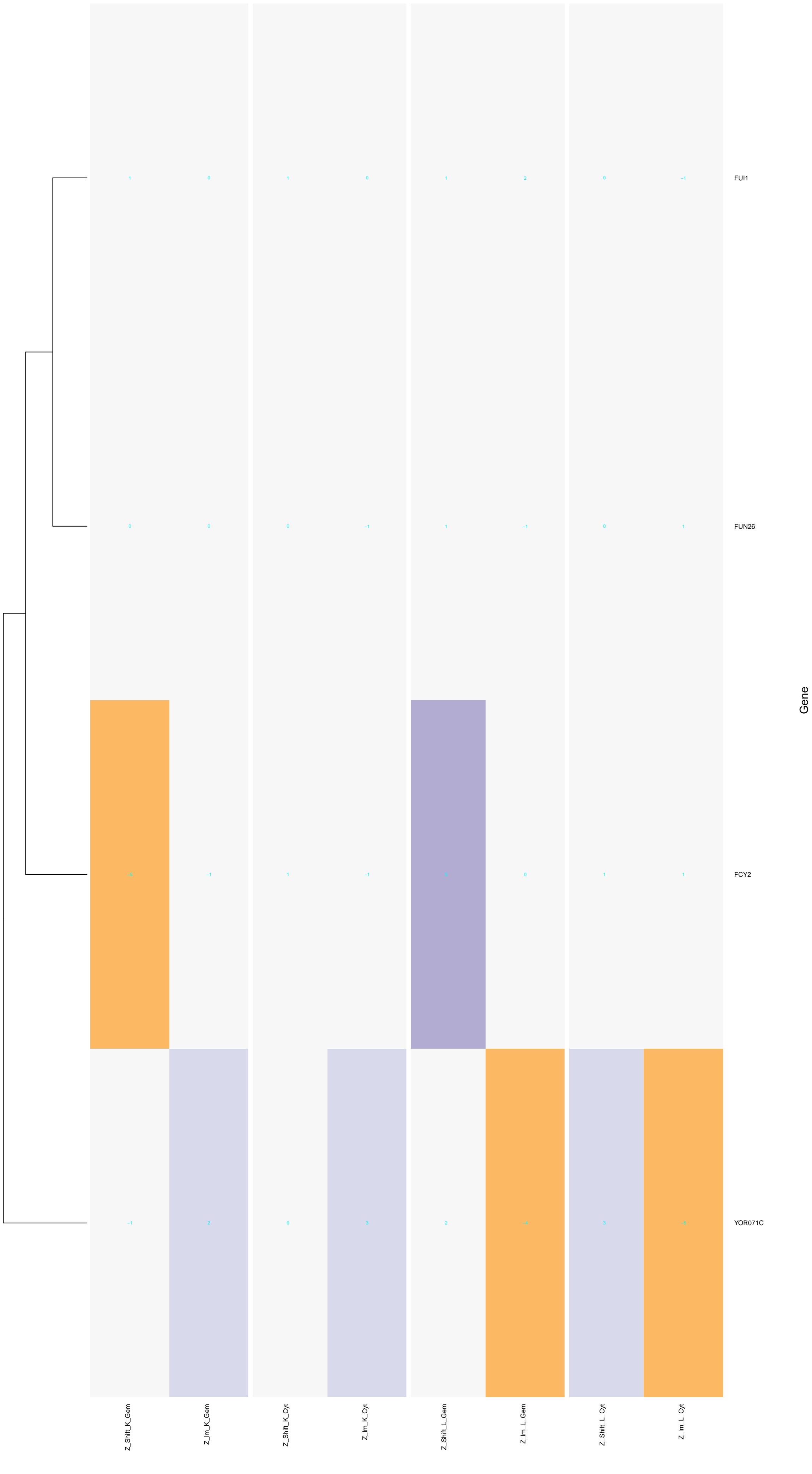


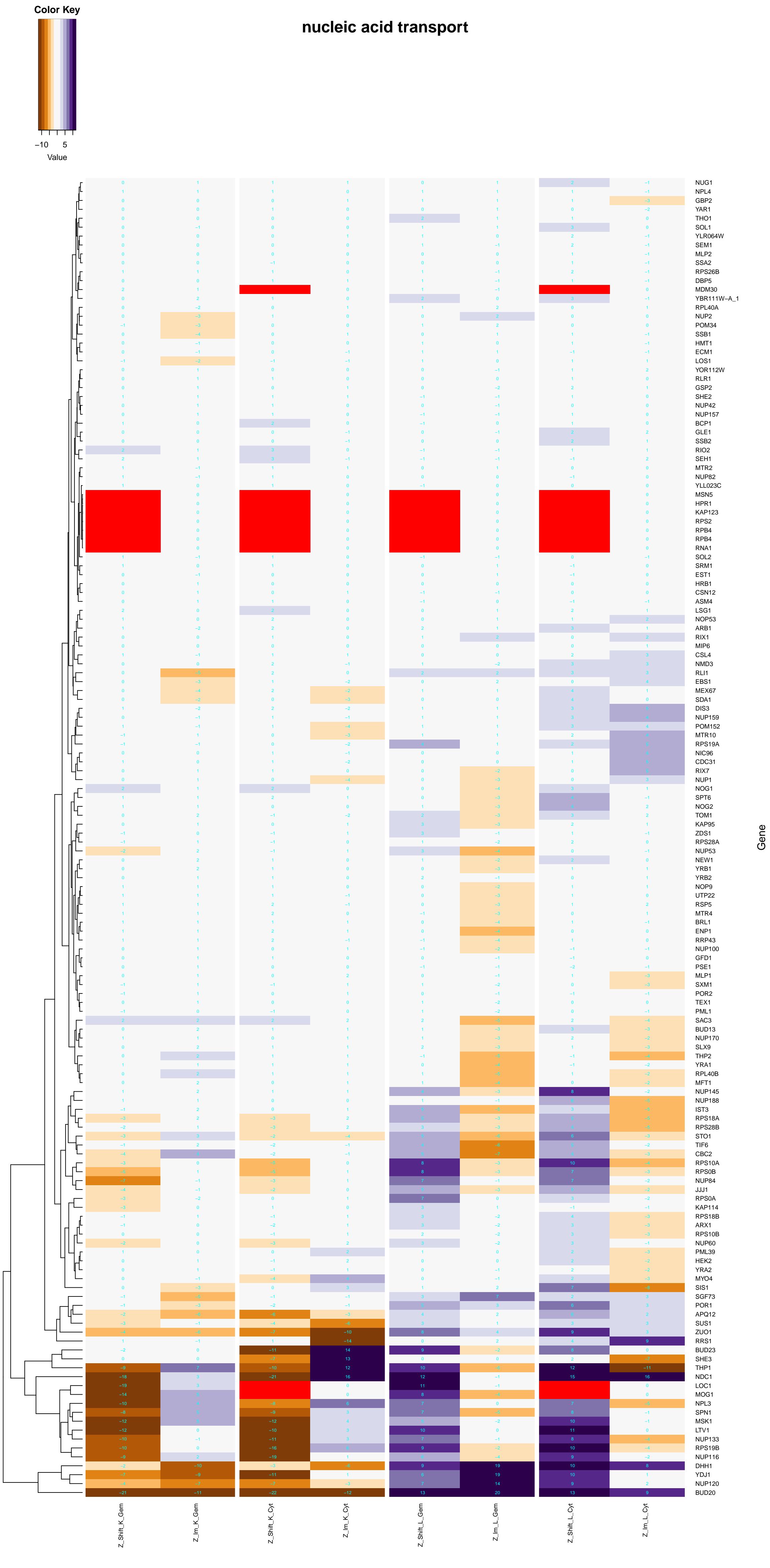
## nucleotide-sugar transport

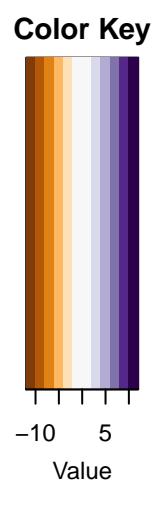




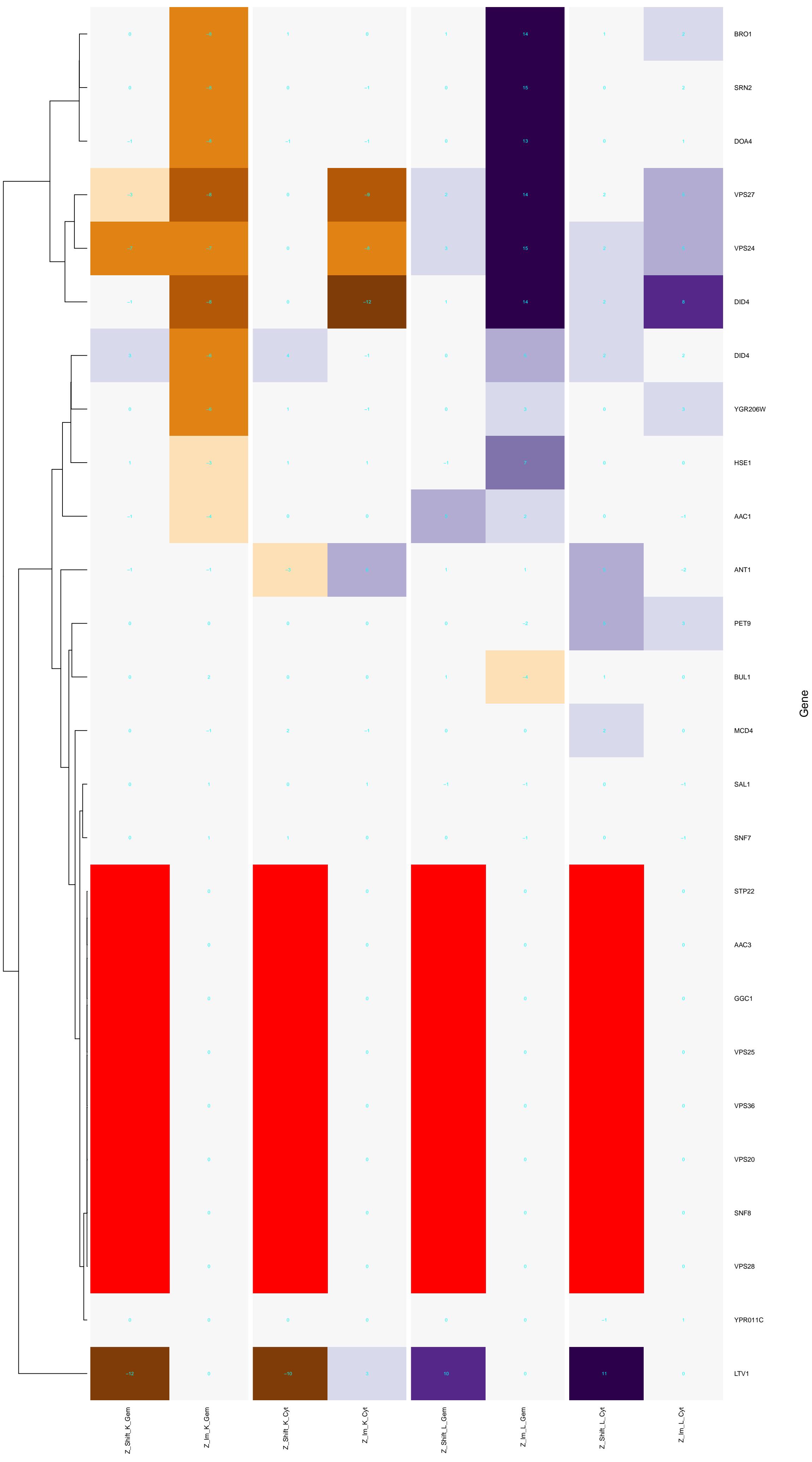
## nucleoside transport

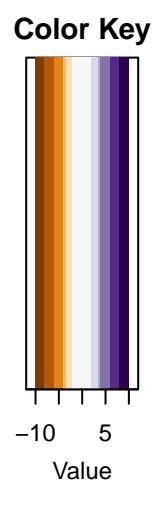




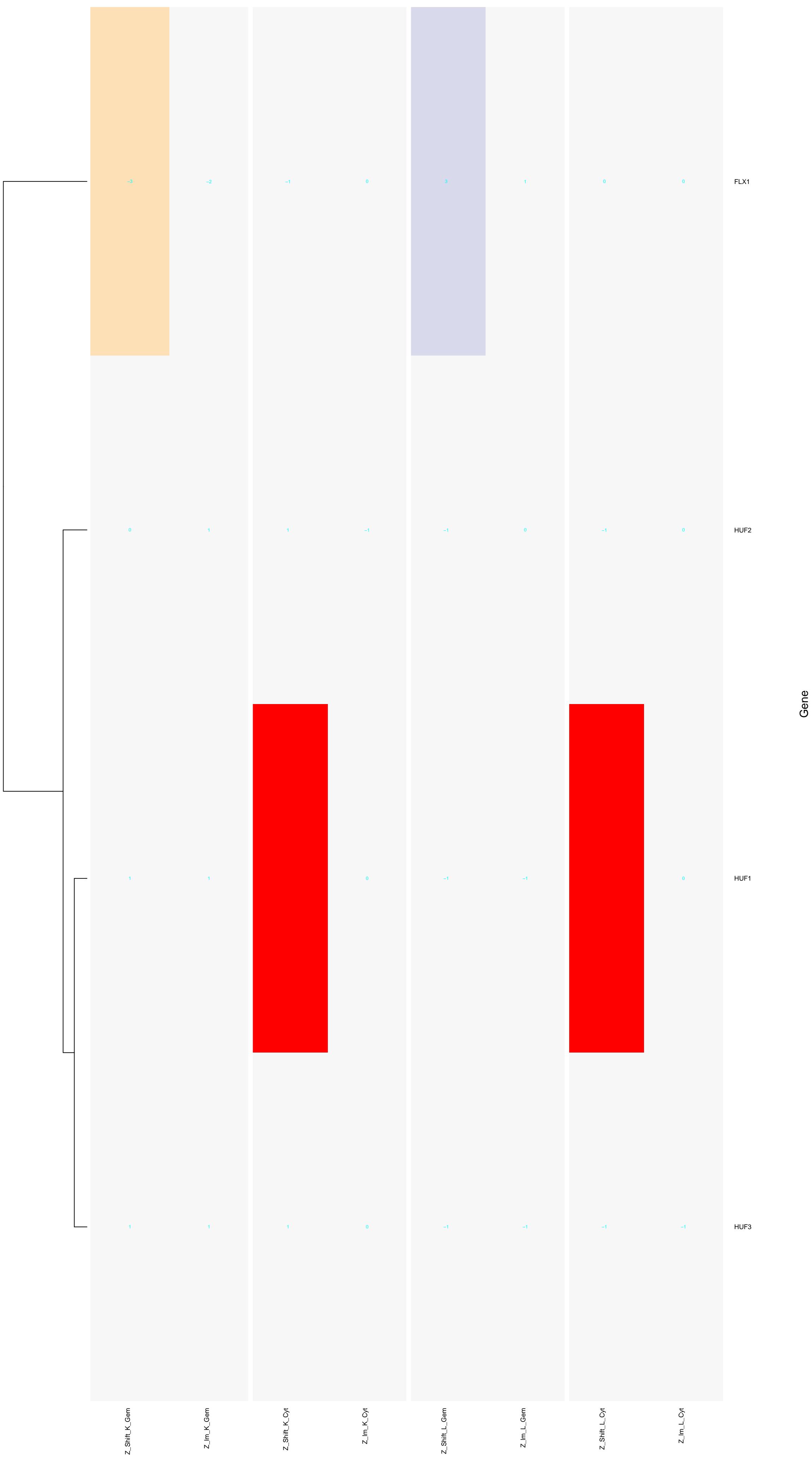


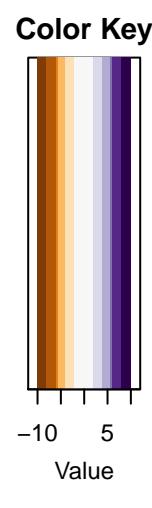
# purine nucleotide transport



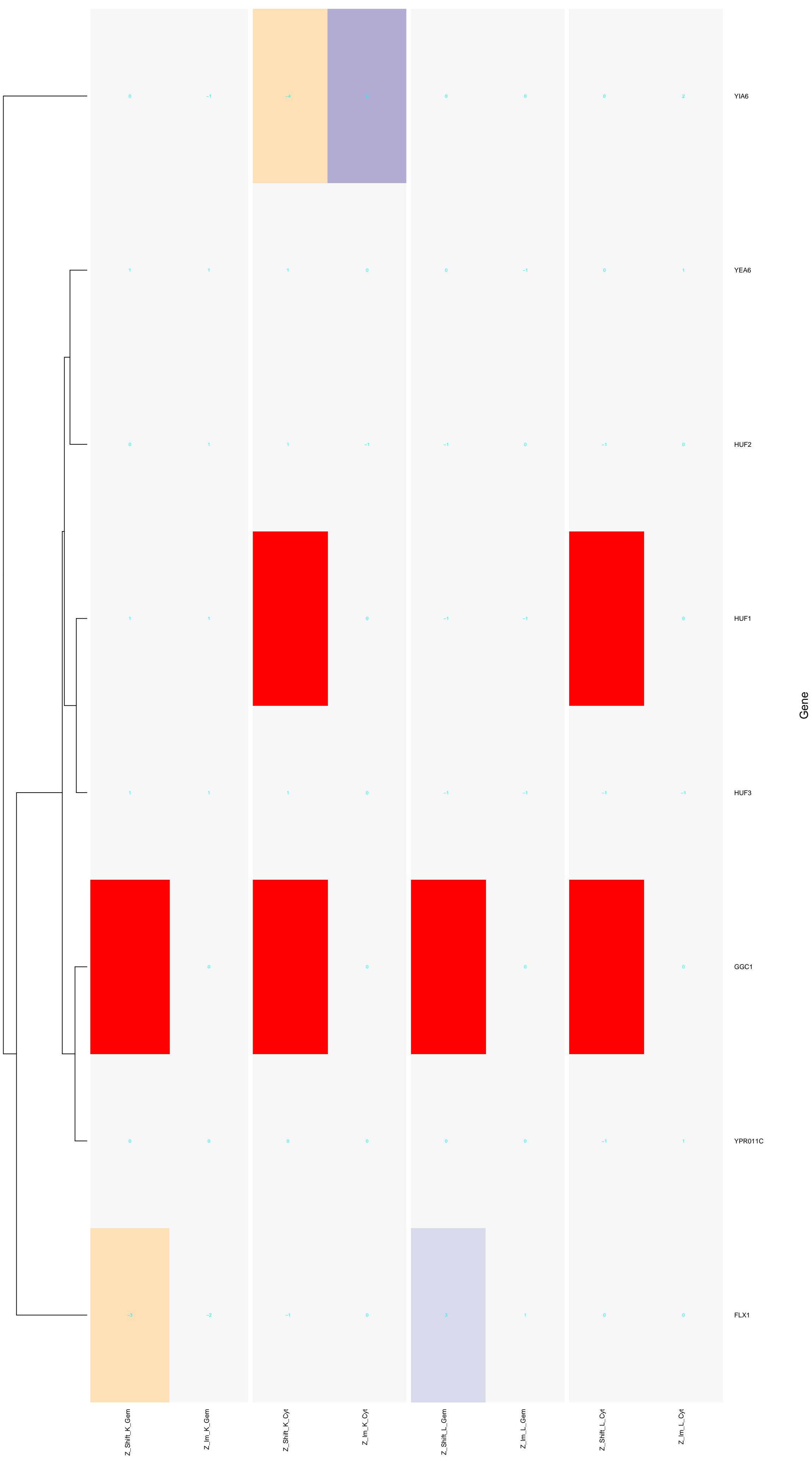


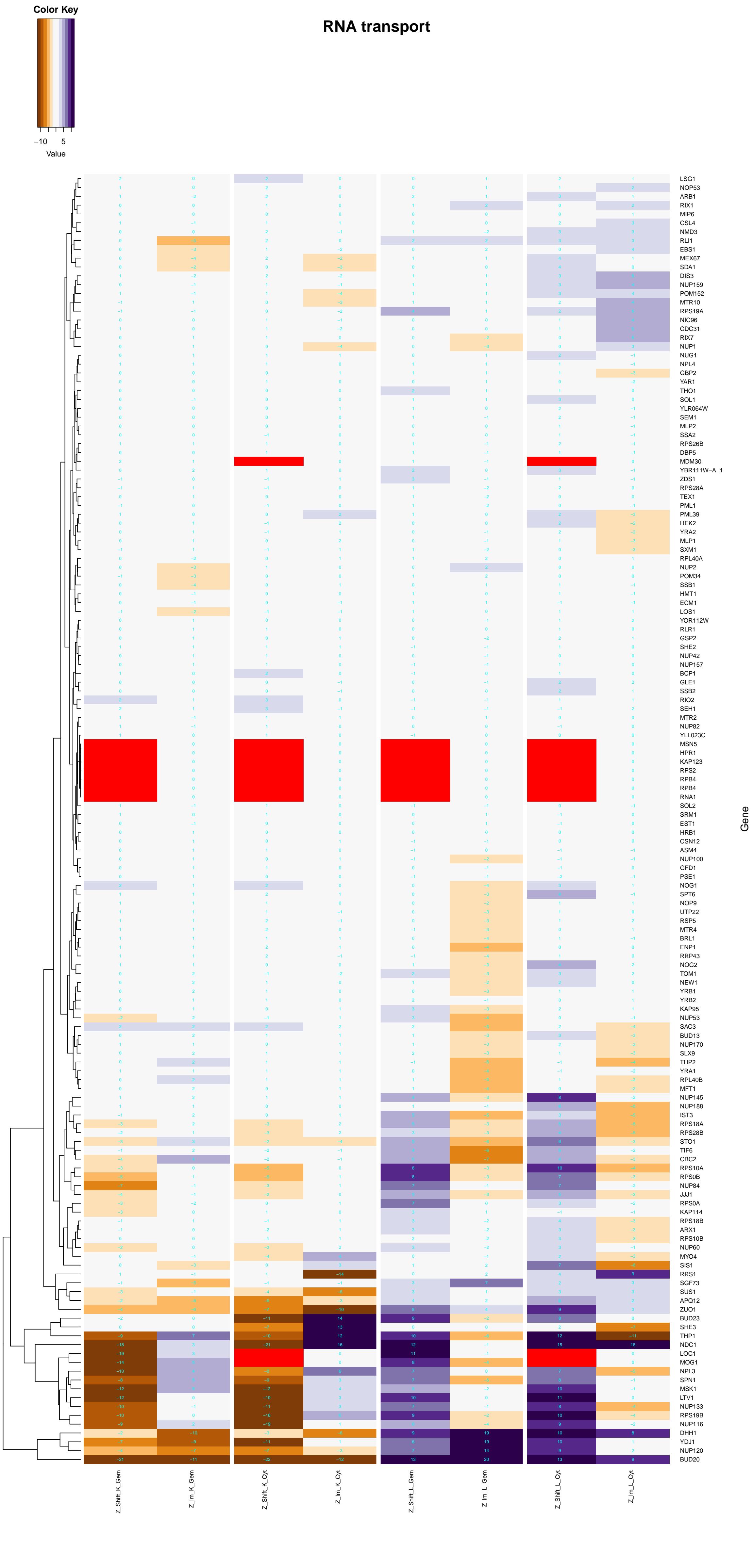
## FAD transport

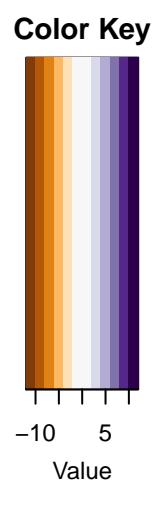




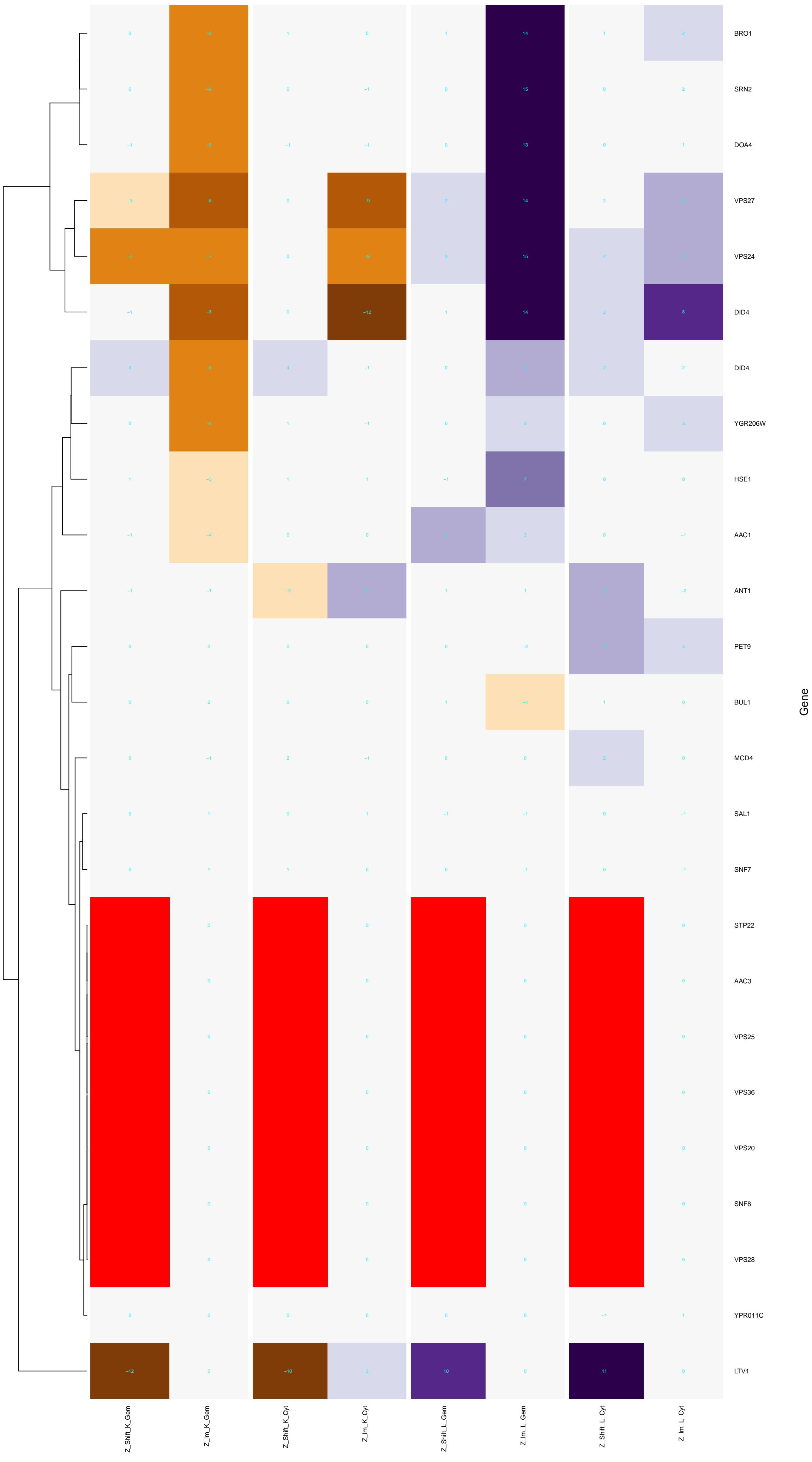
## nucleotide transmembrane transport

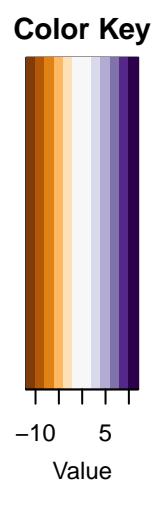




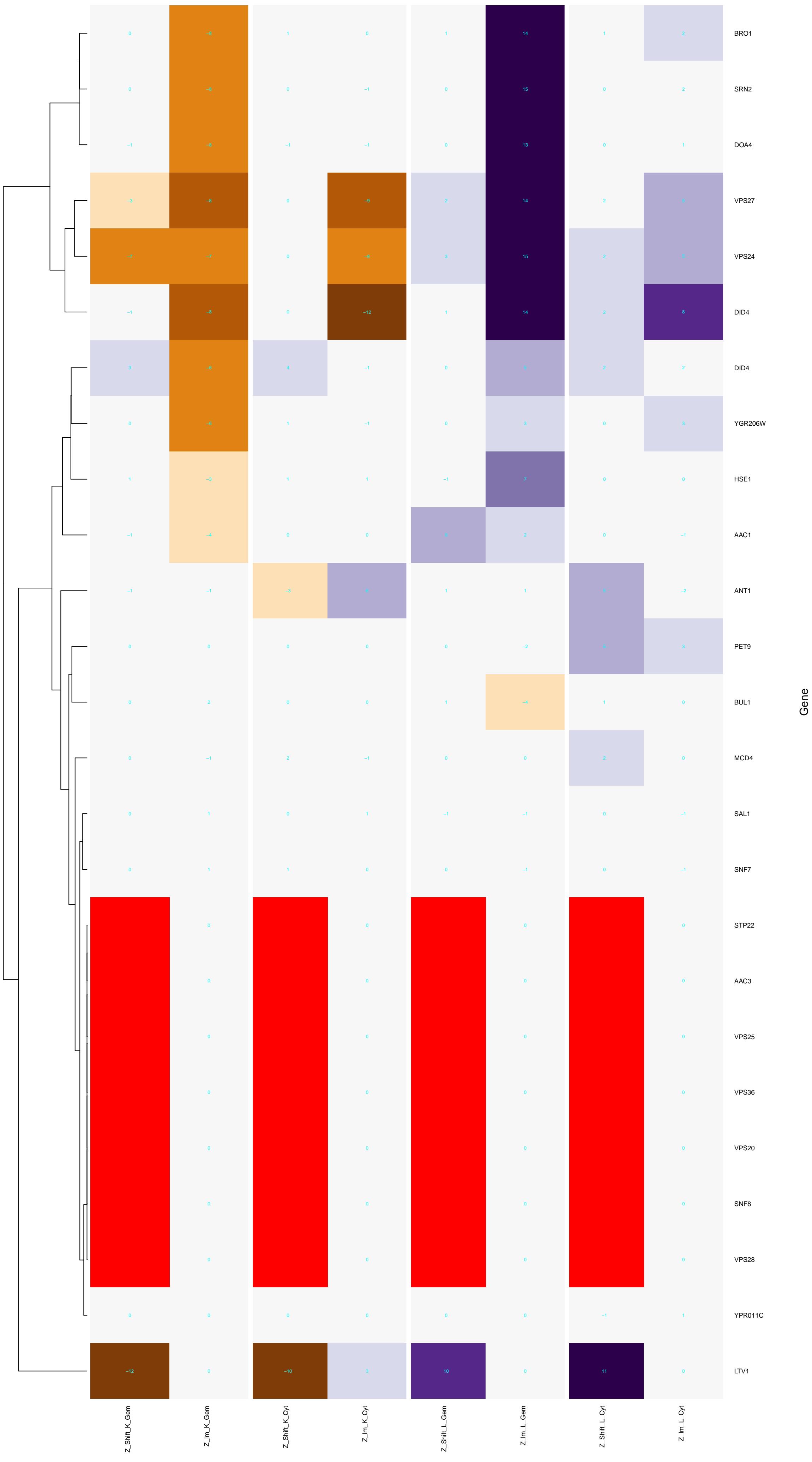


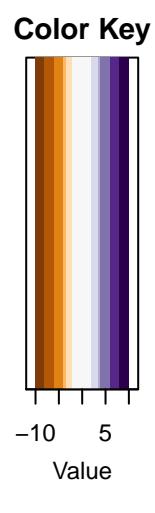
# purine ribonucleotide transport



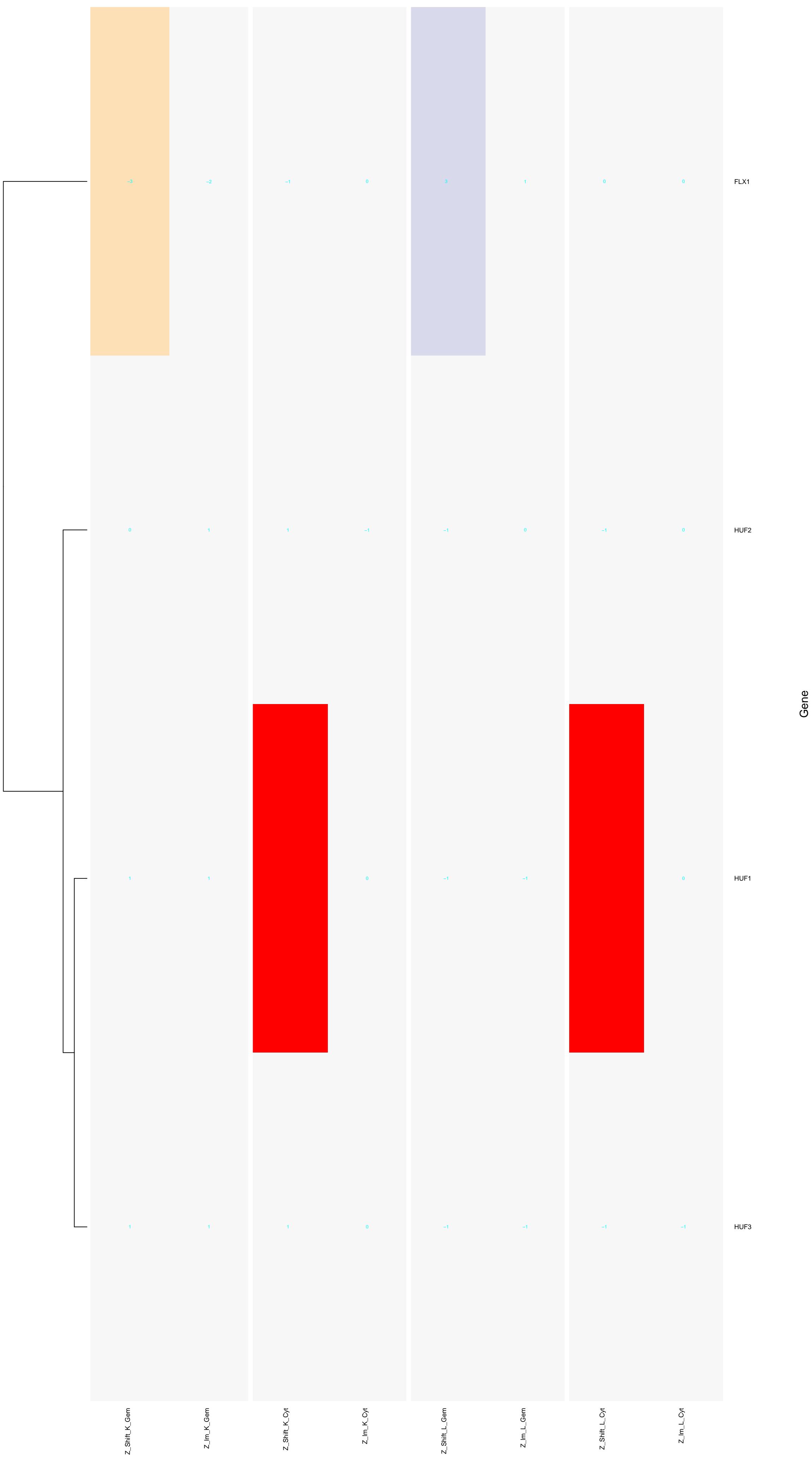


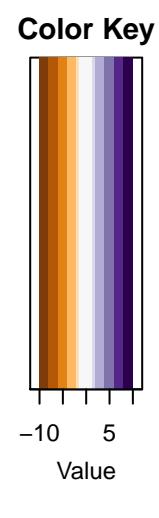
# adenine nucleotide transport



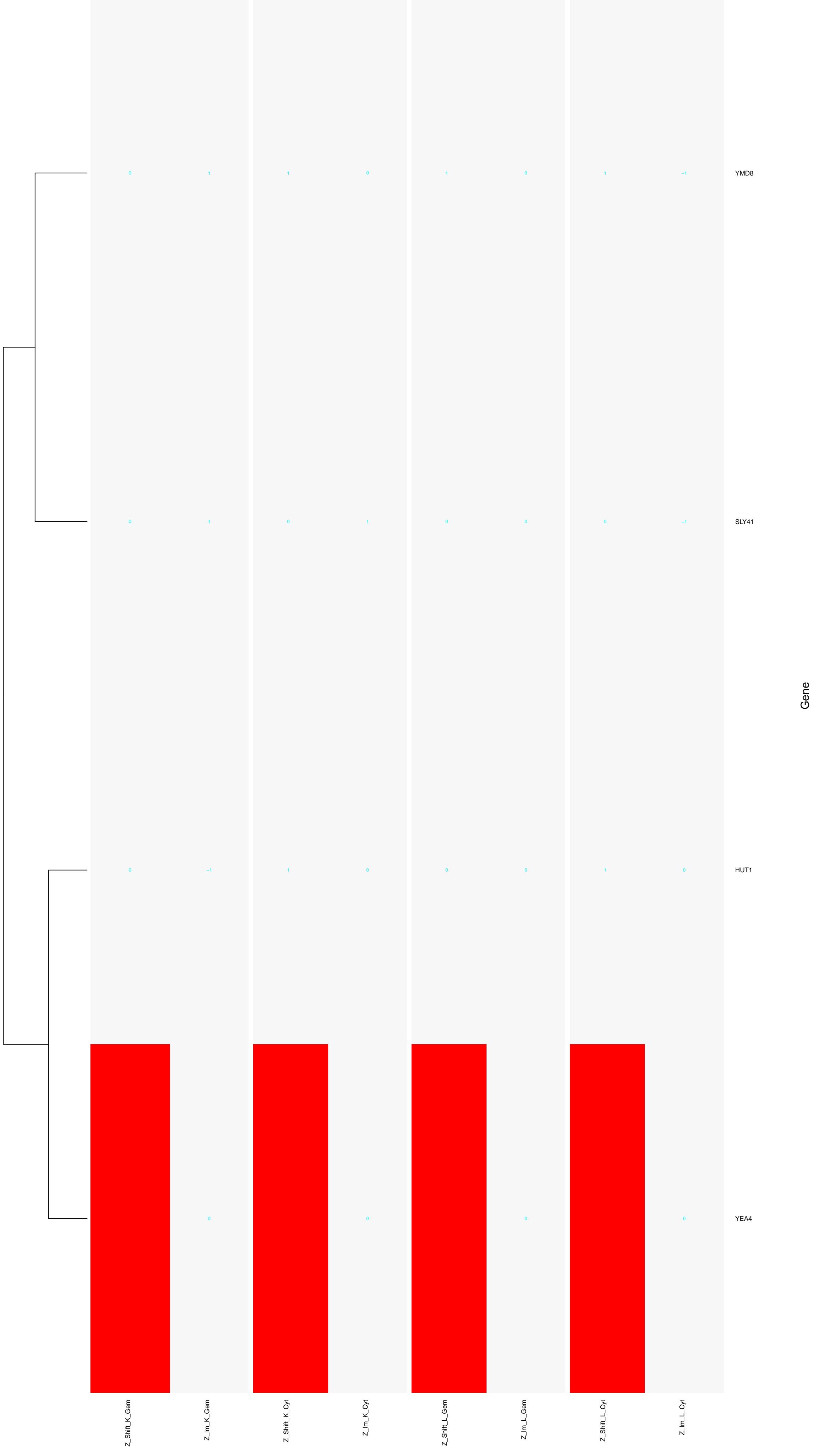


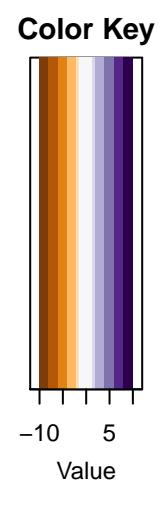
## FAD transmembrane transport



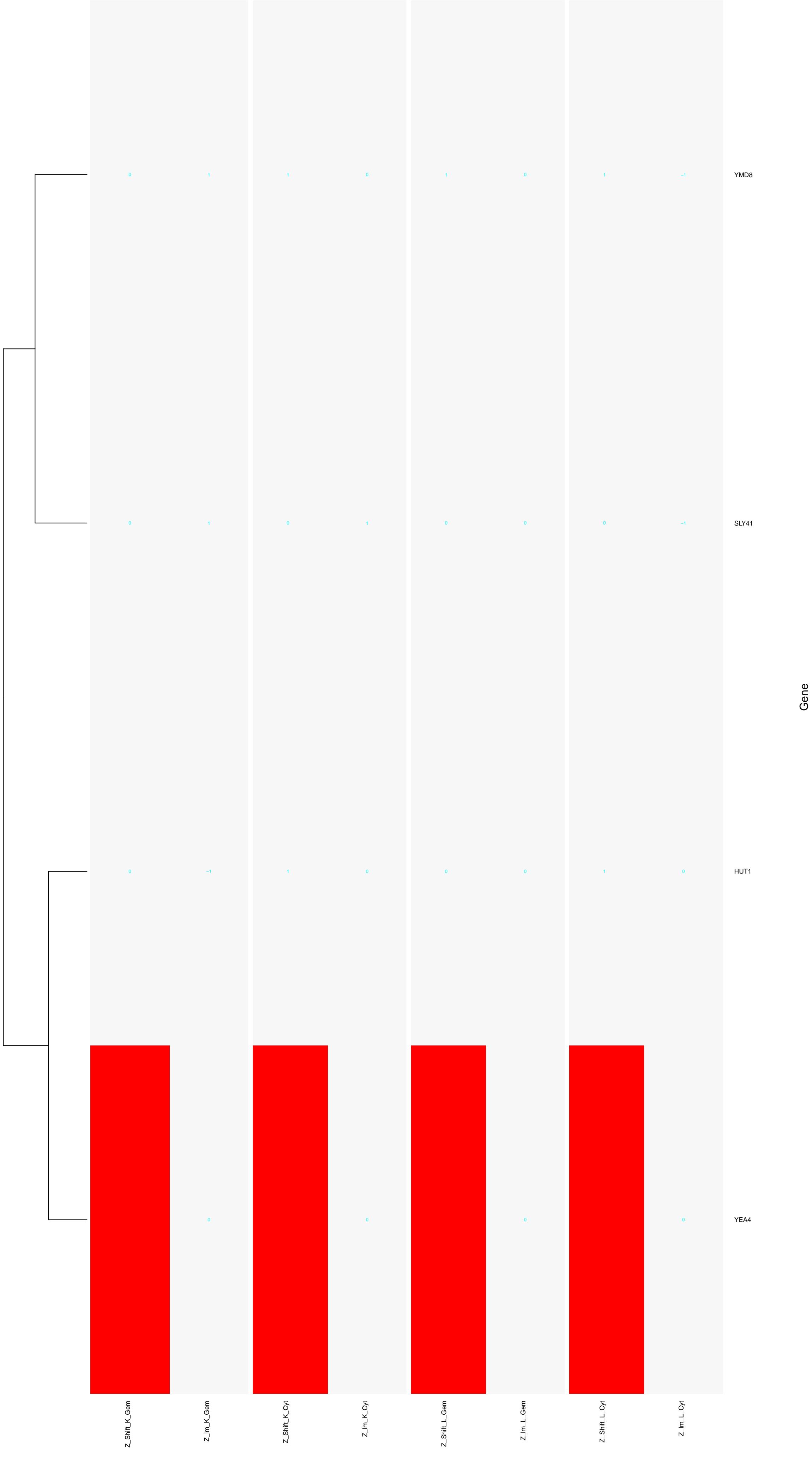


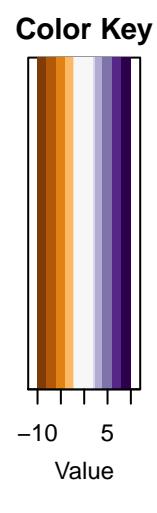
## UDP-glucose transport



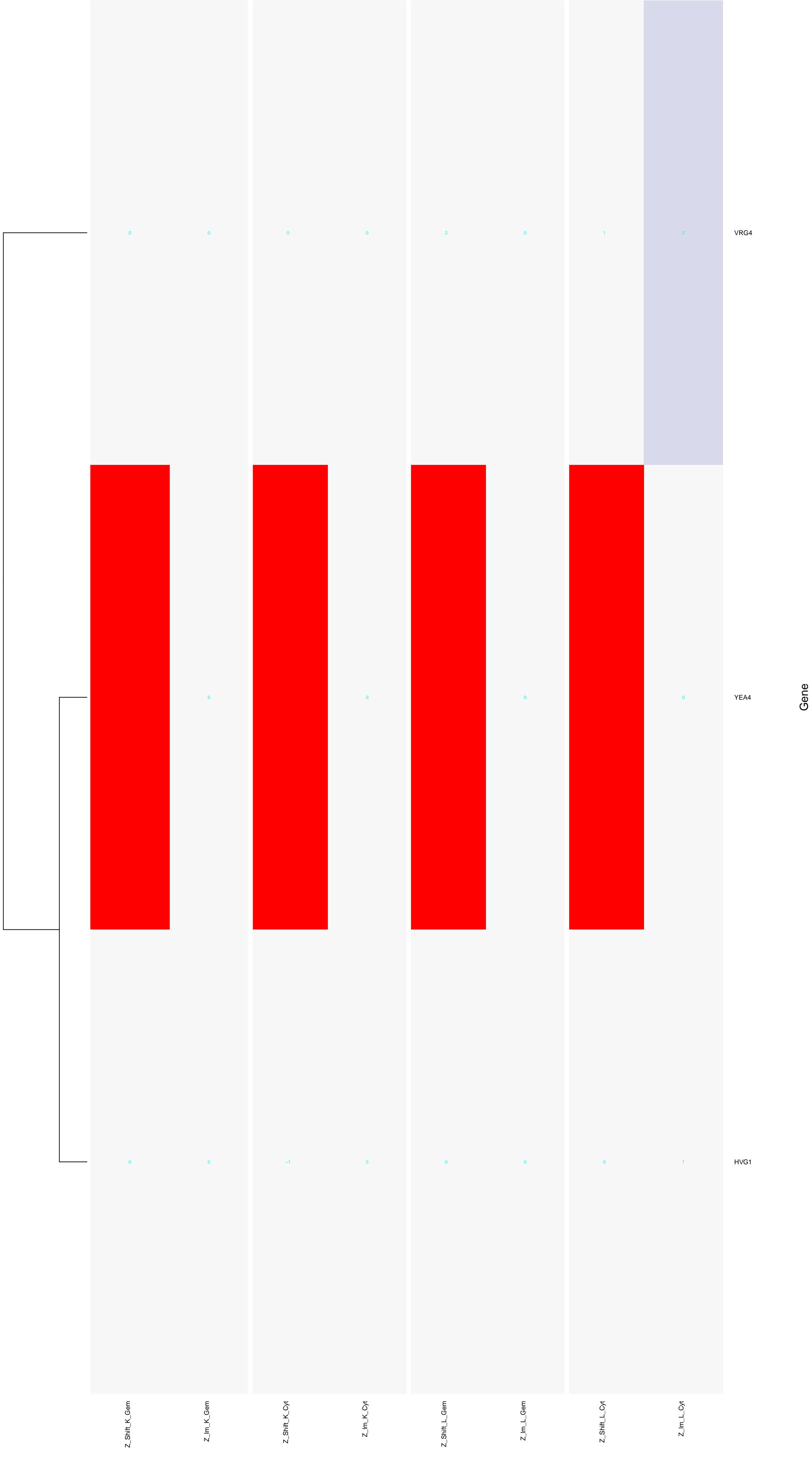


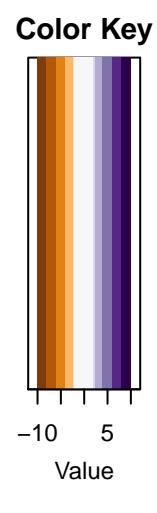
## pyrimidine nucleotide-sugar transmembrane transport



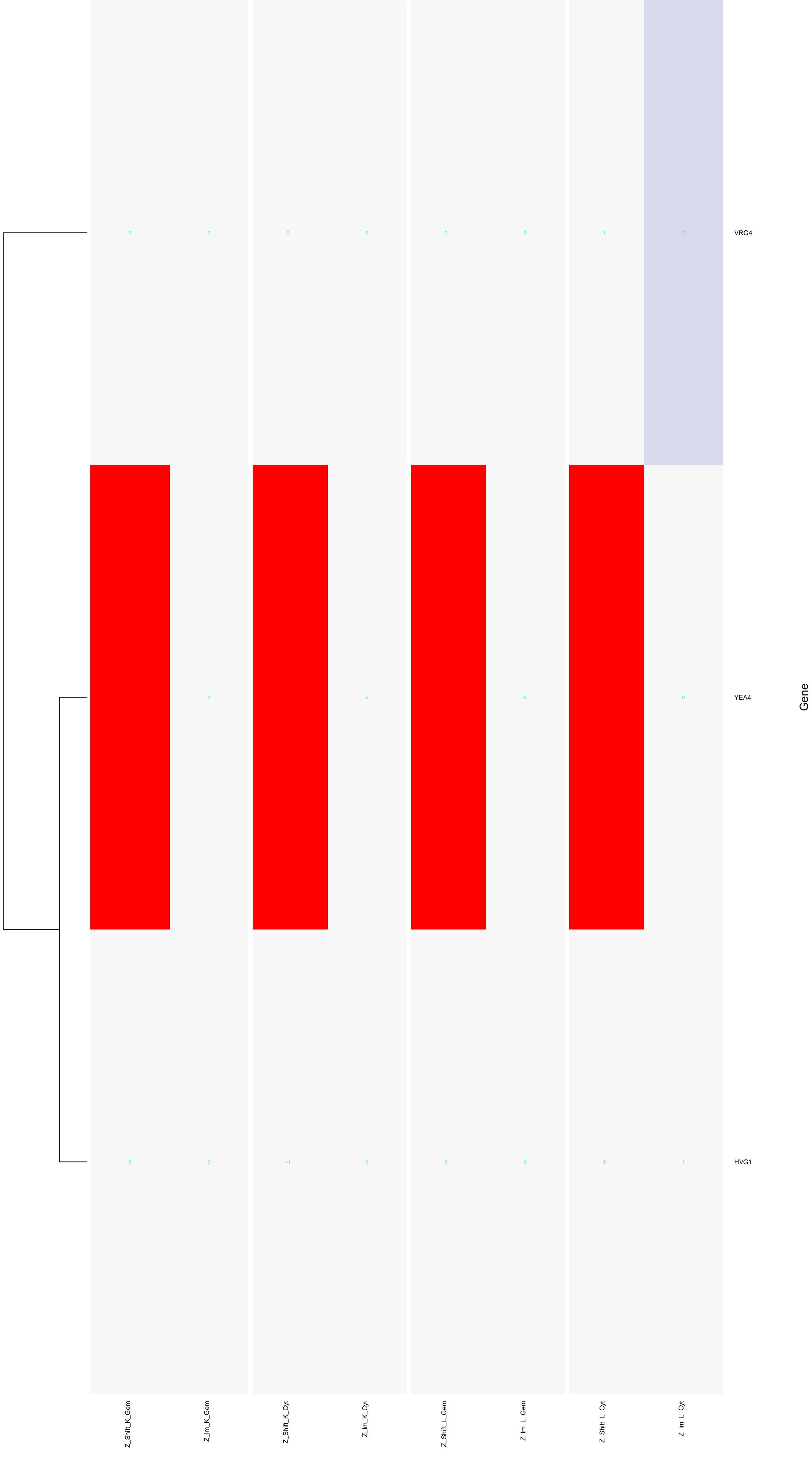


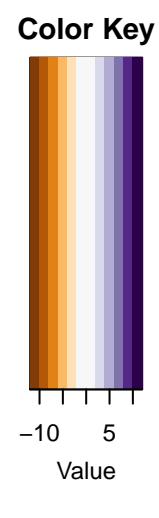
## GDP-fucose transport



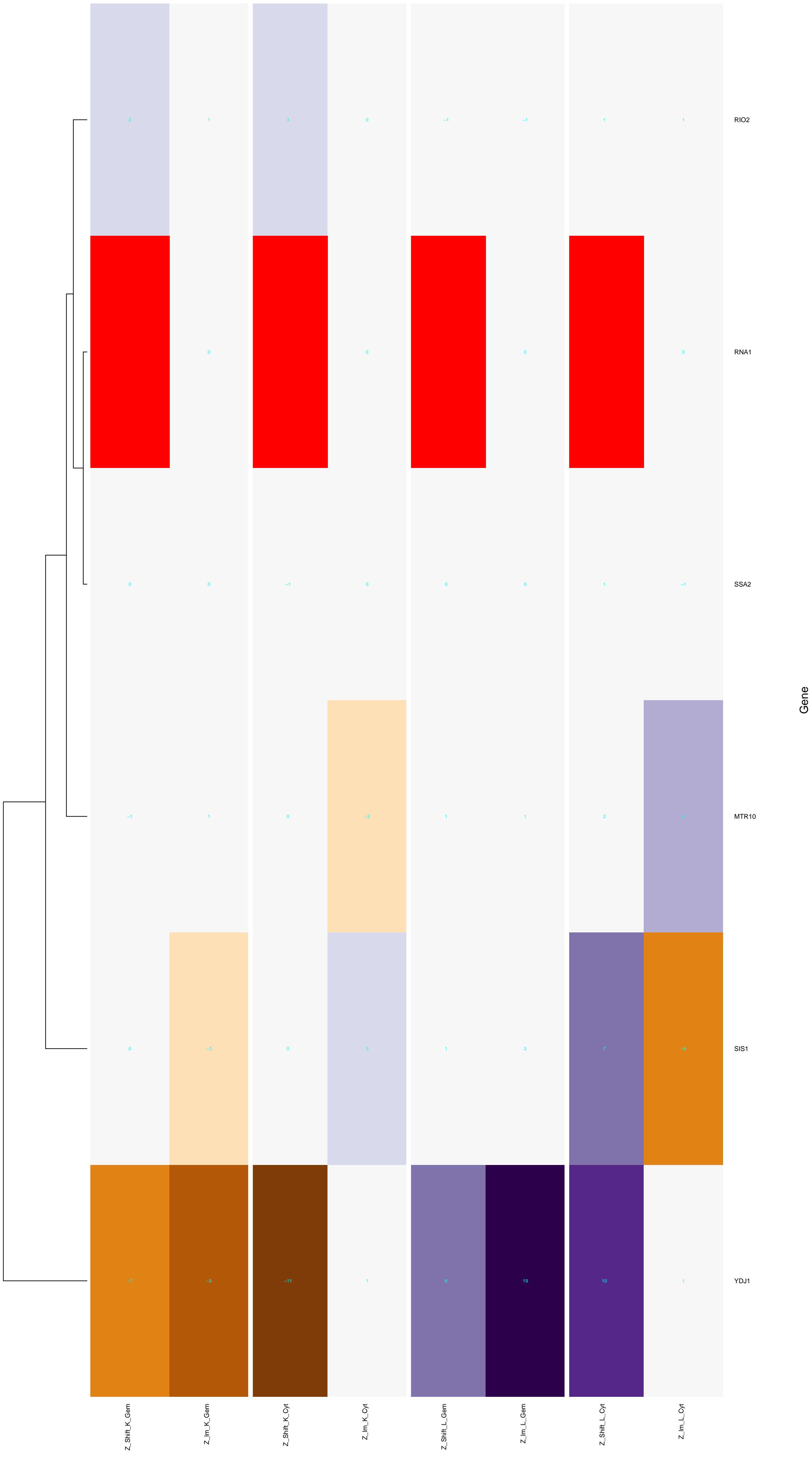


## purine nucleotide–sugar transmembrane transport

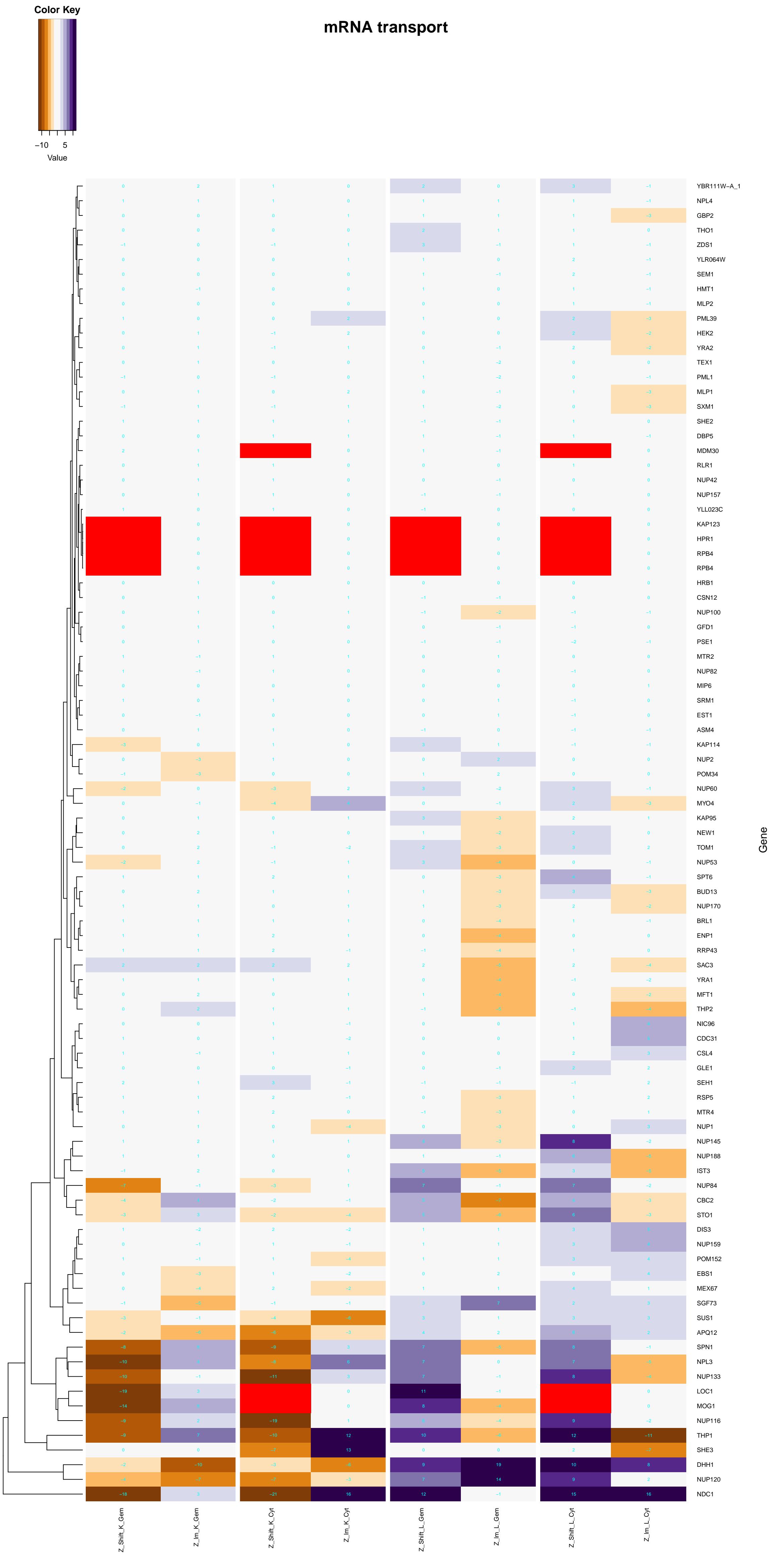


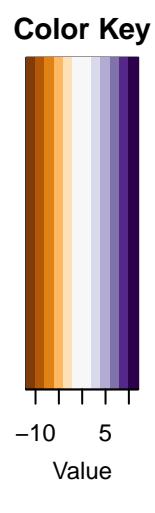


## RNA import into nucleus

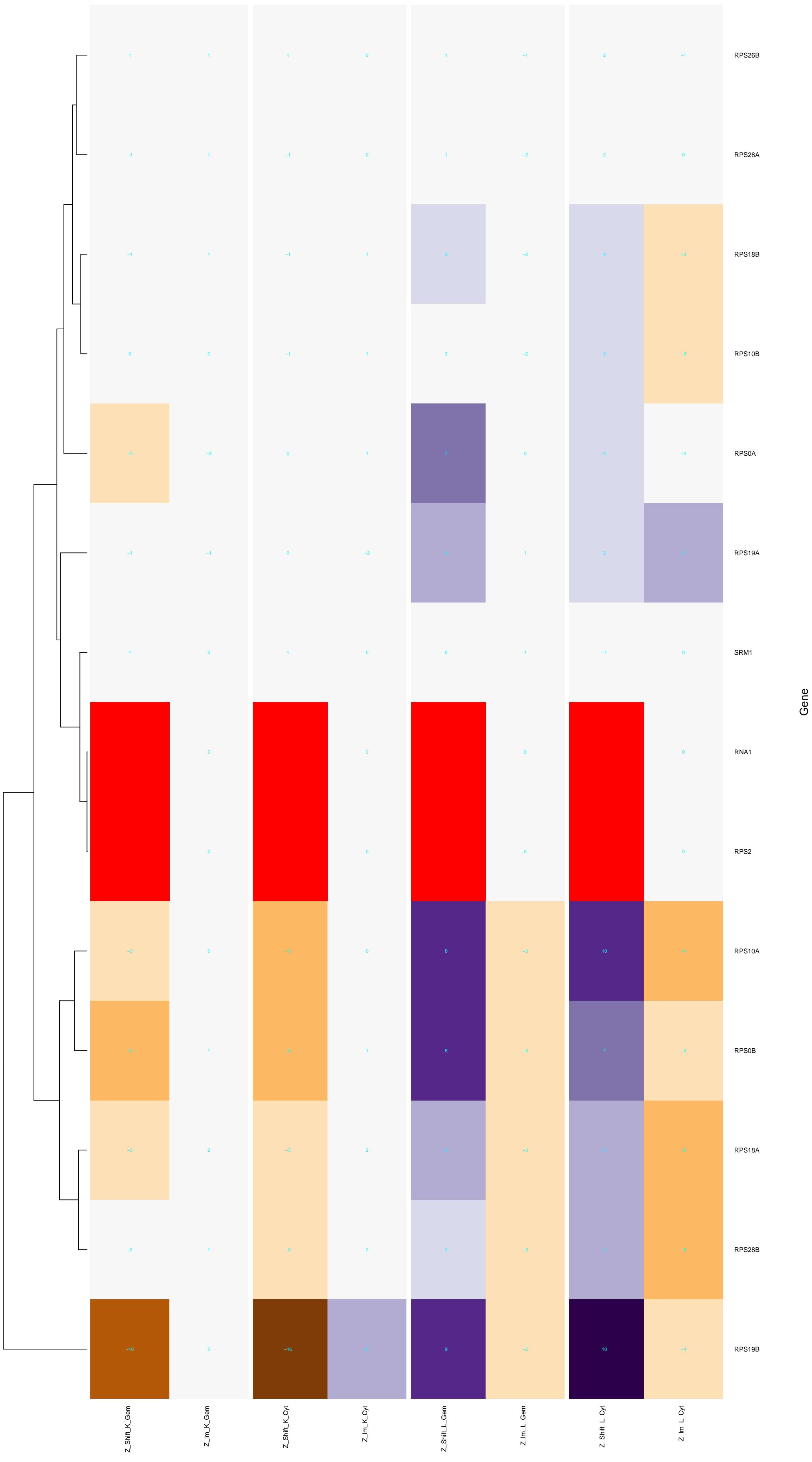


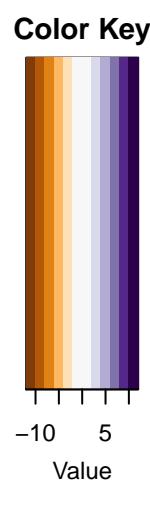




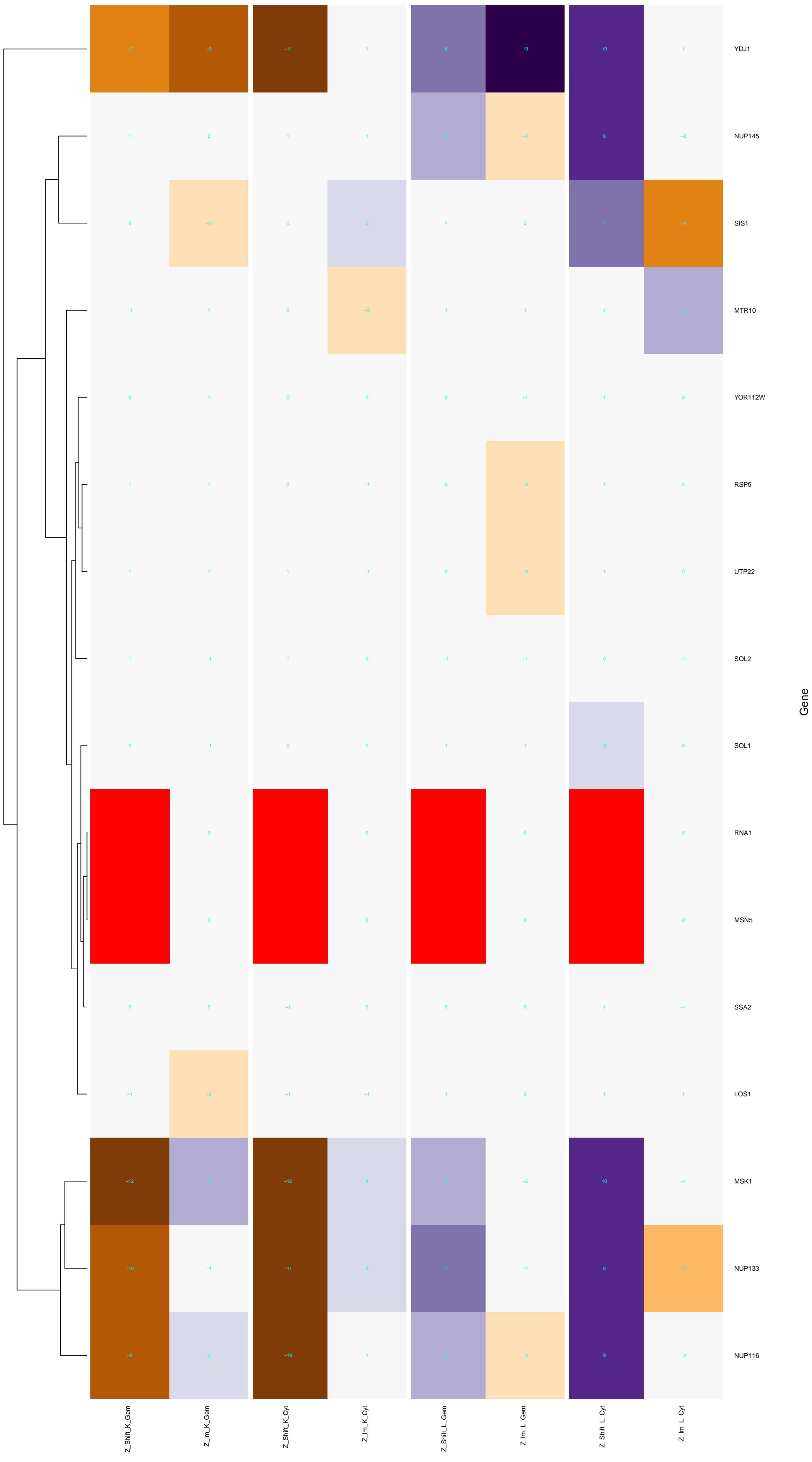


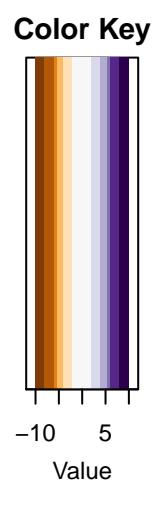
## rRNA transport



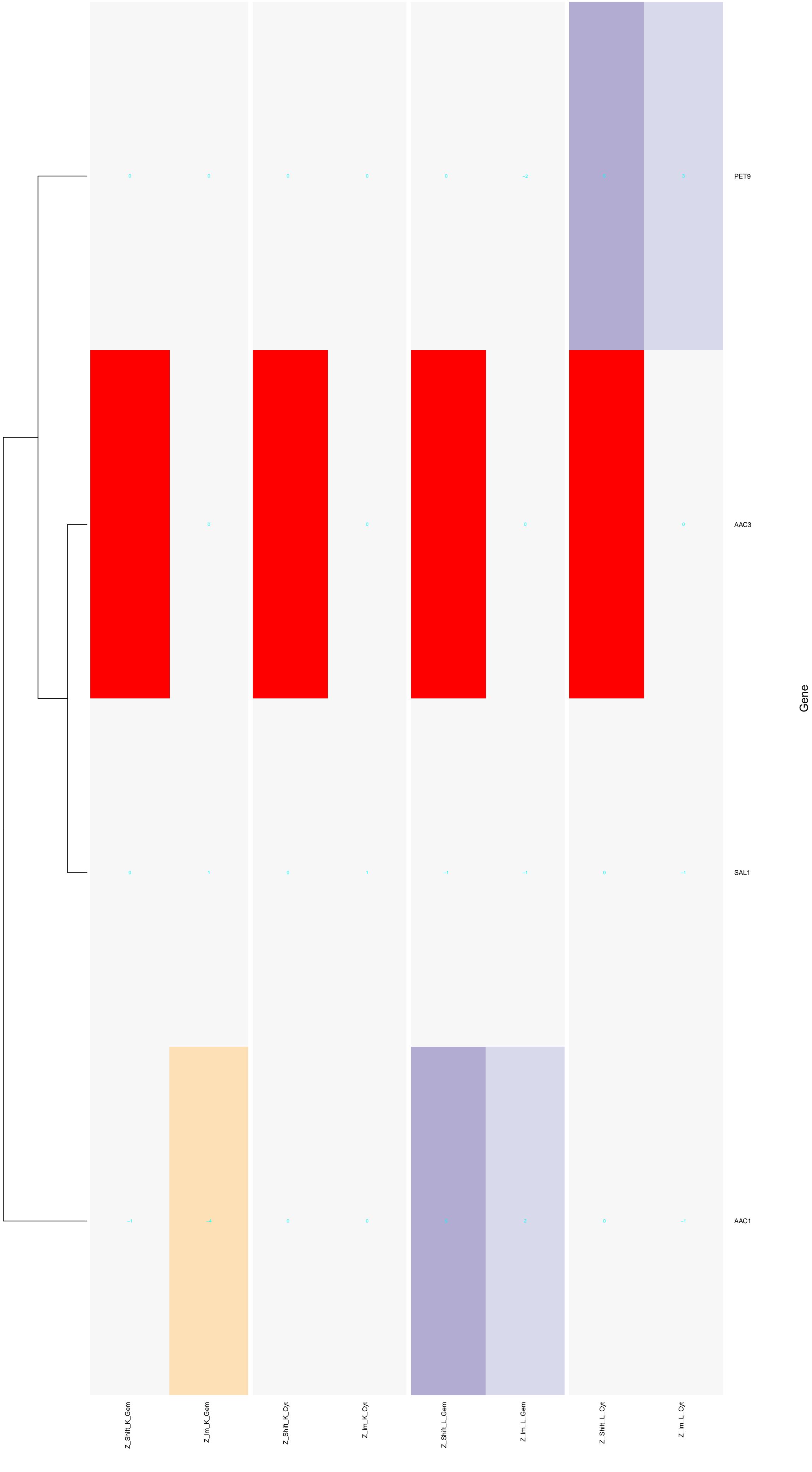


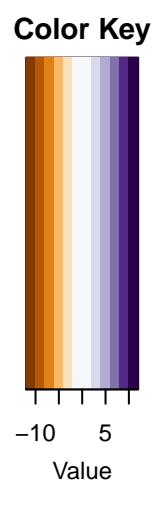
## tRNA transport



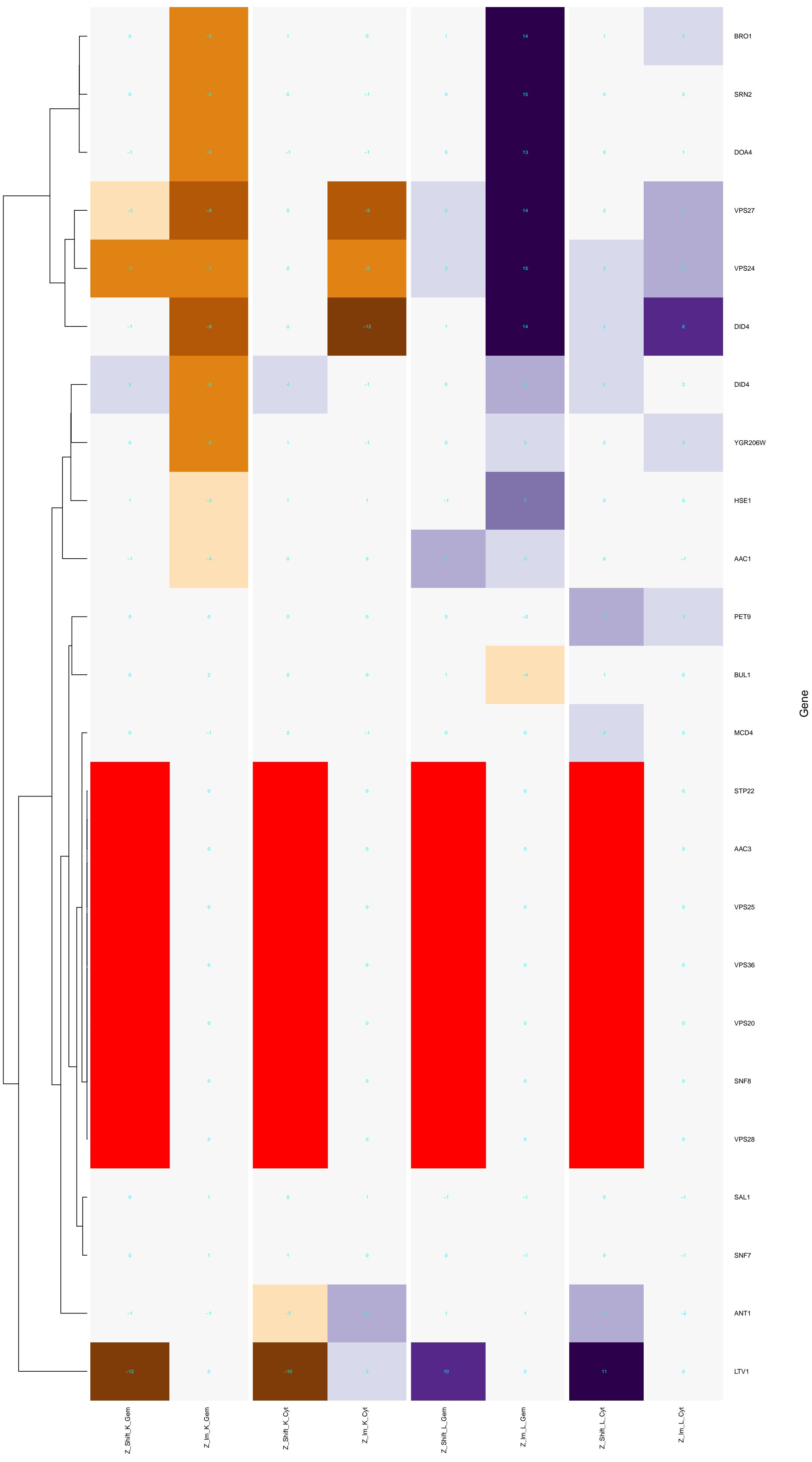


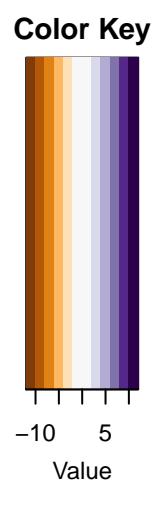
## ADP transport



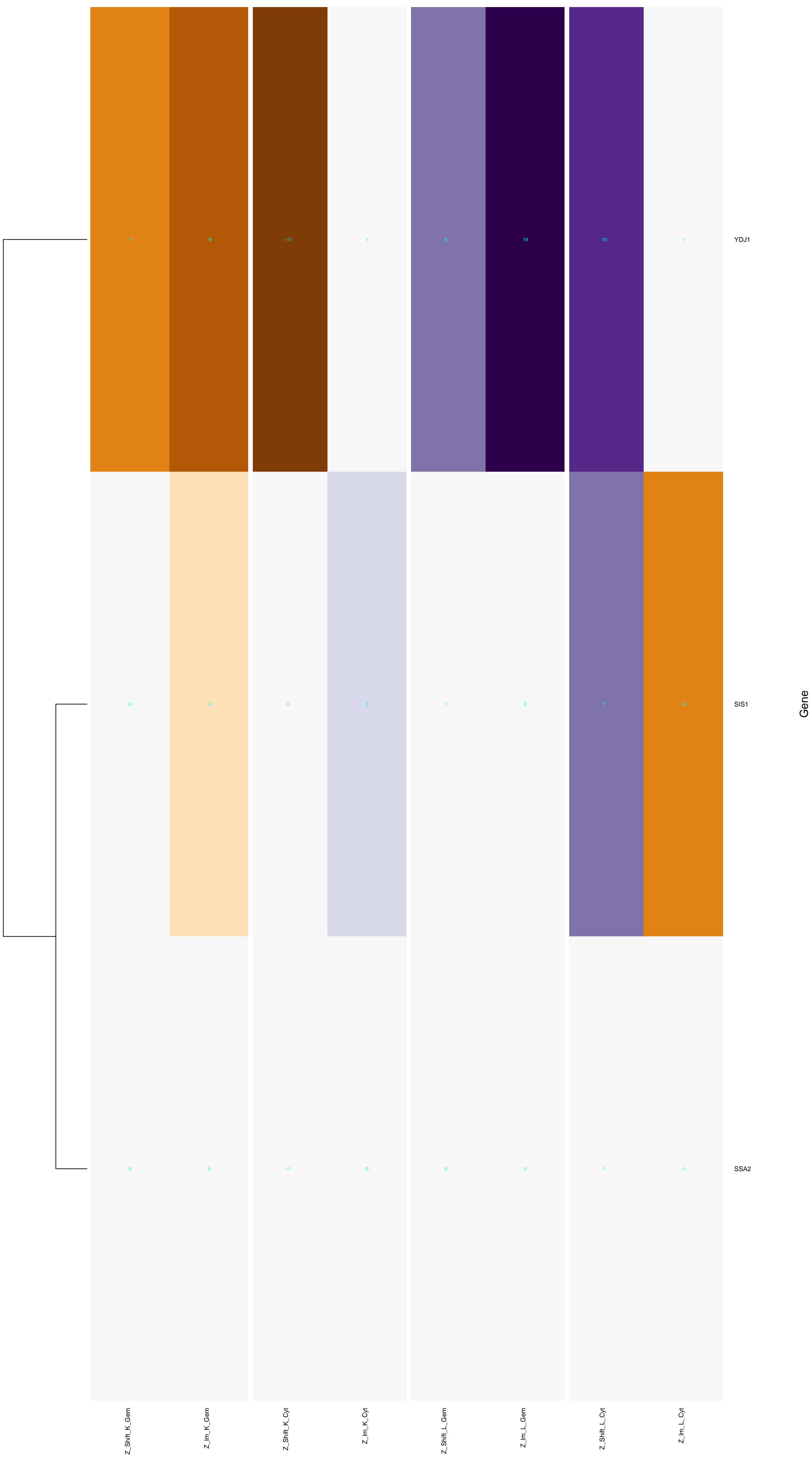


# ATP transport





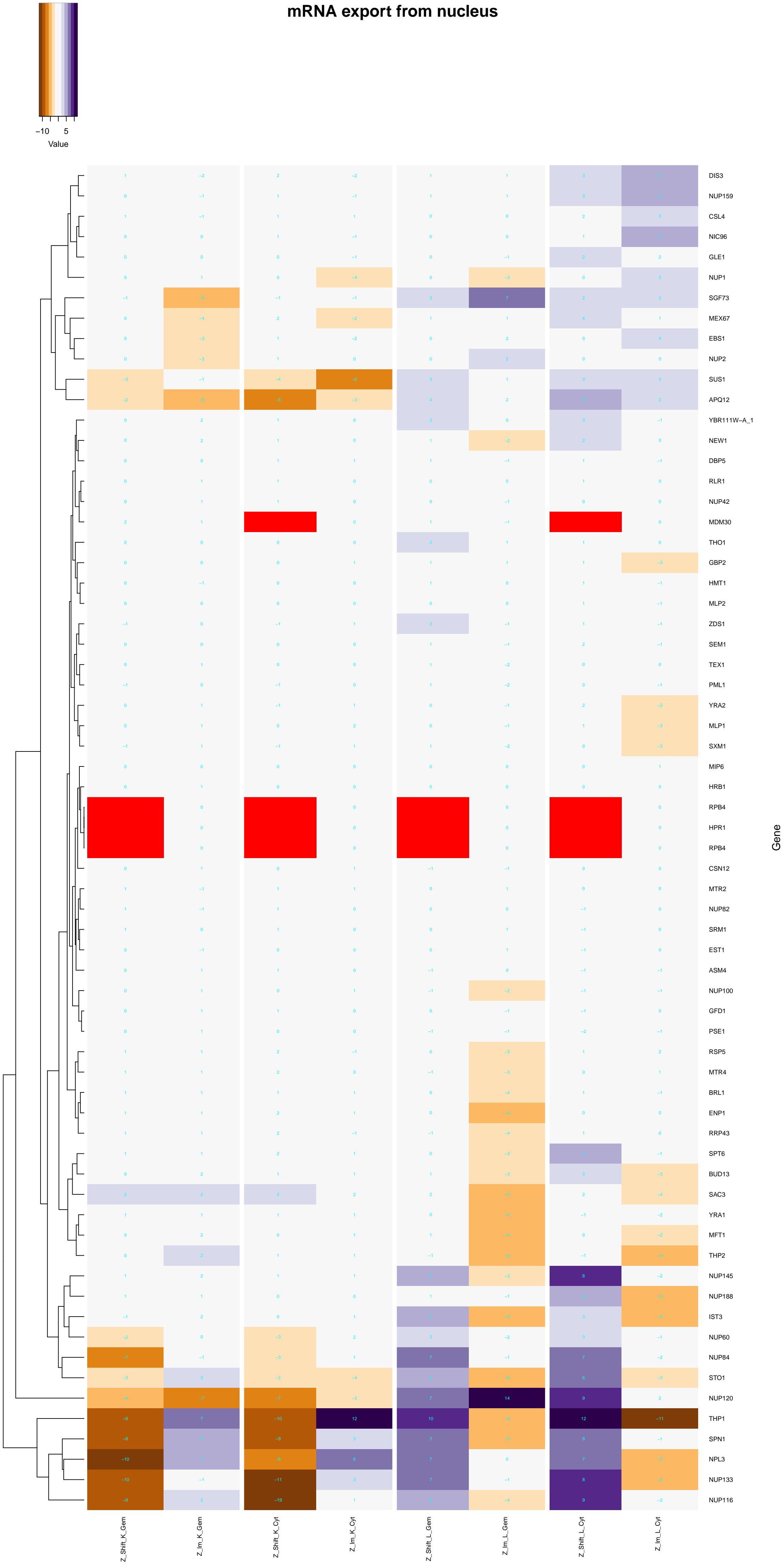
## tRNA import into nucleus

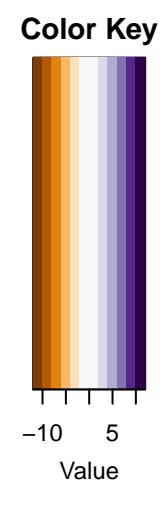


Color Key

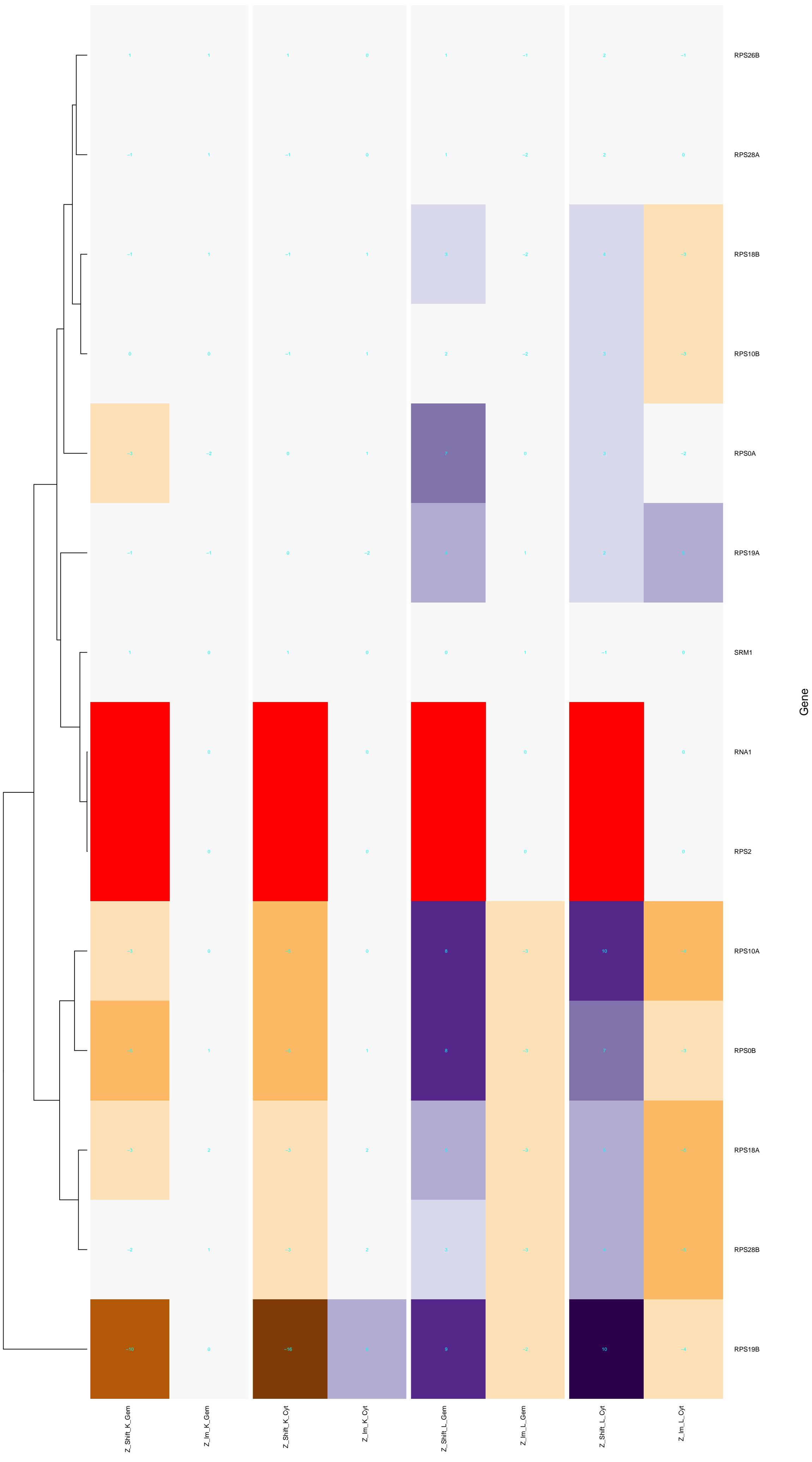


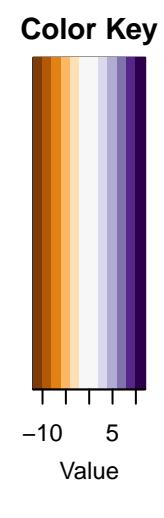
## mRNA export from nucleus



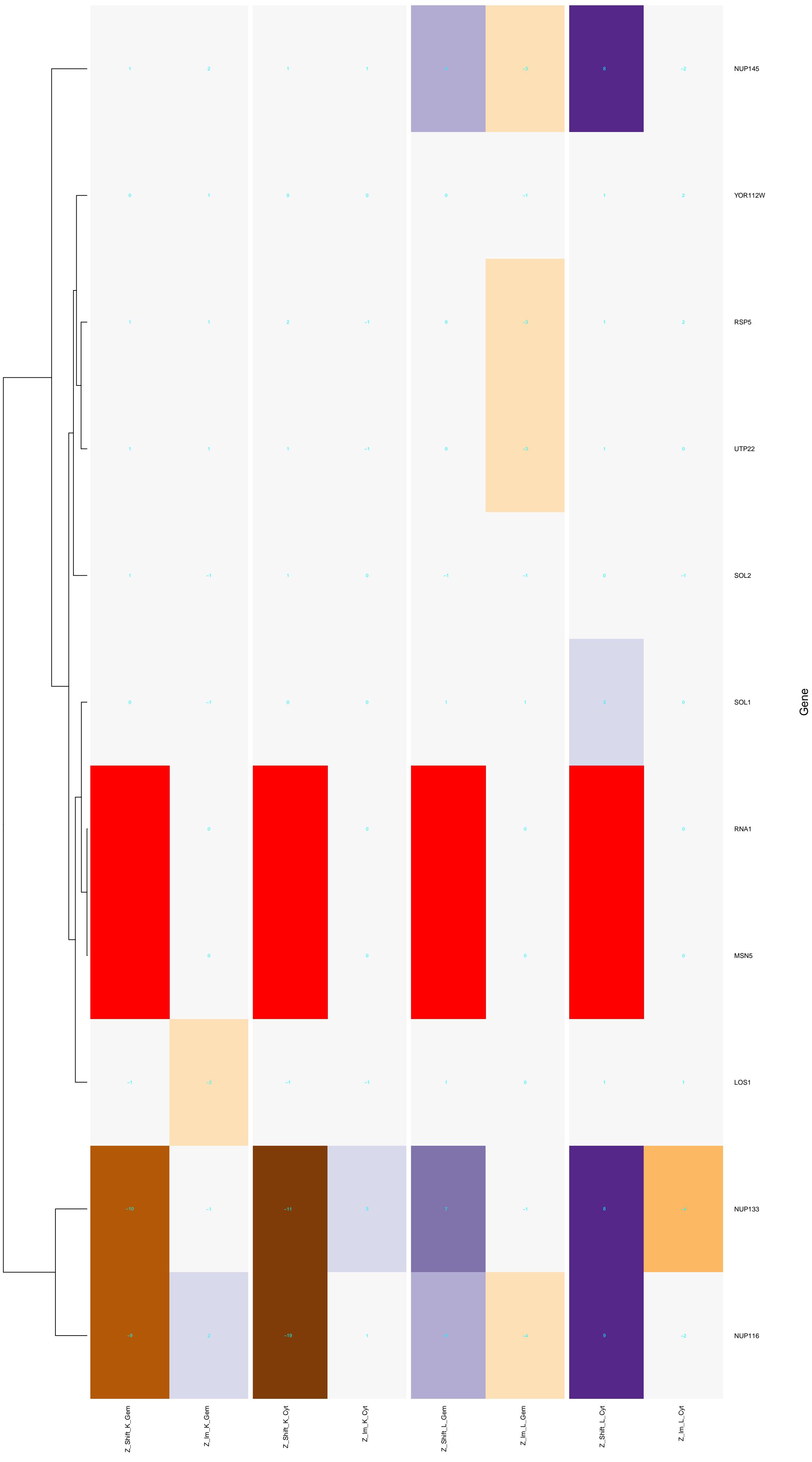


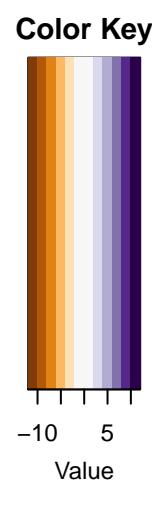
## rRNA export from nucleus



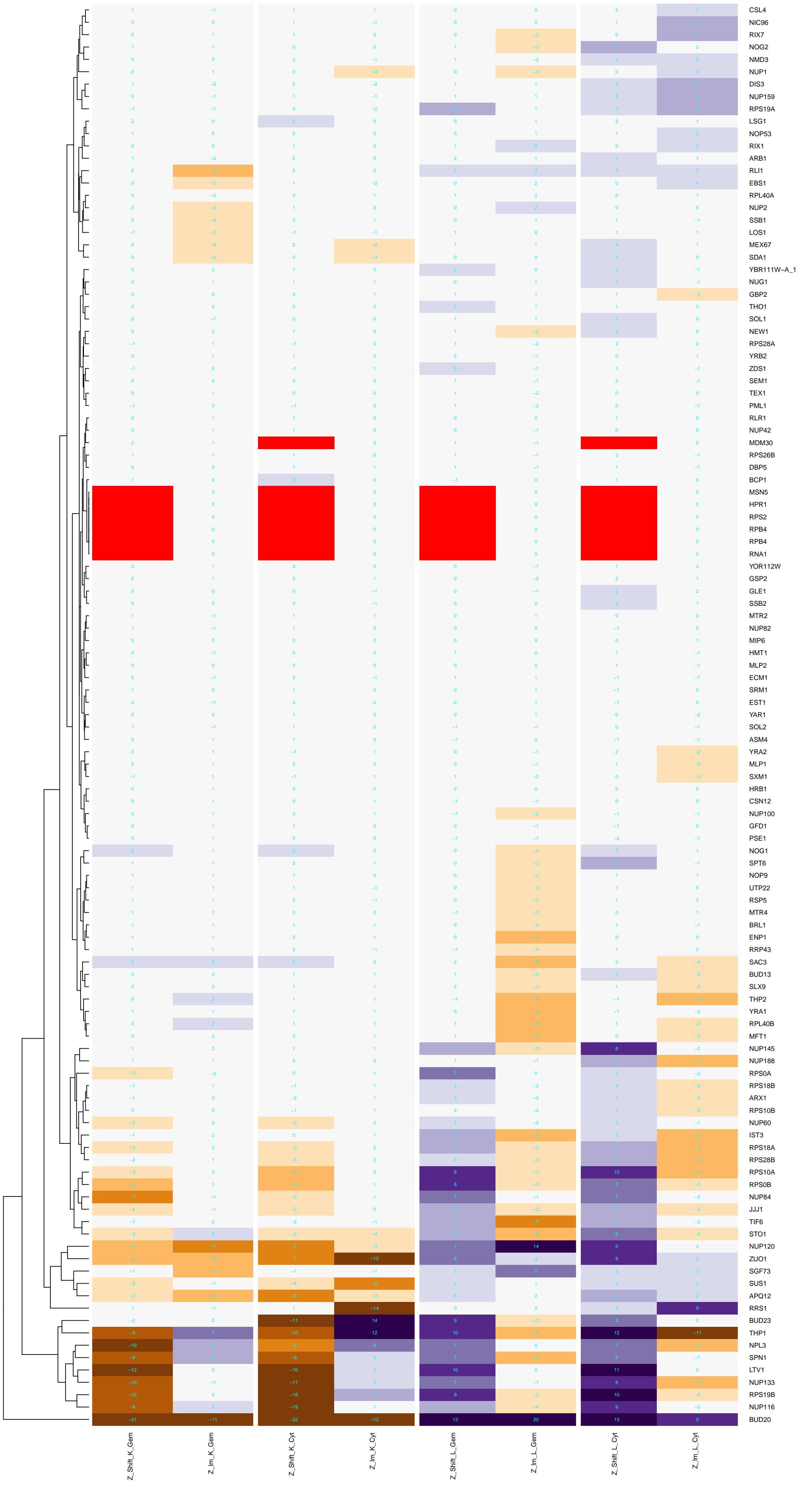


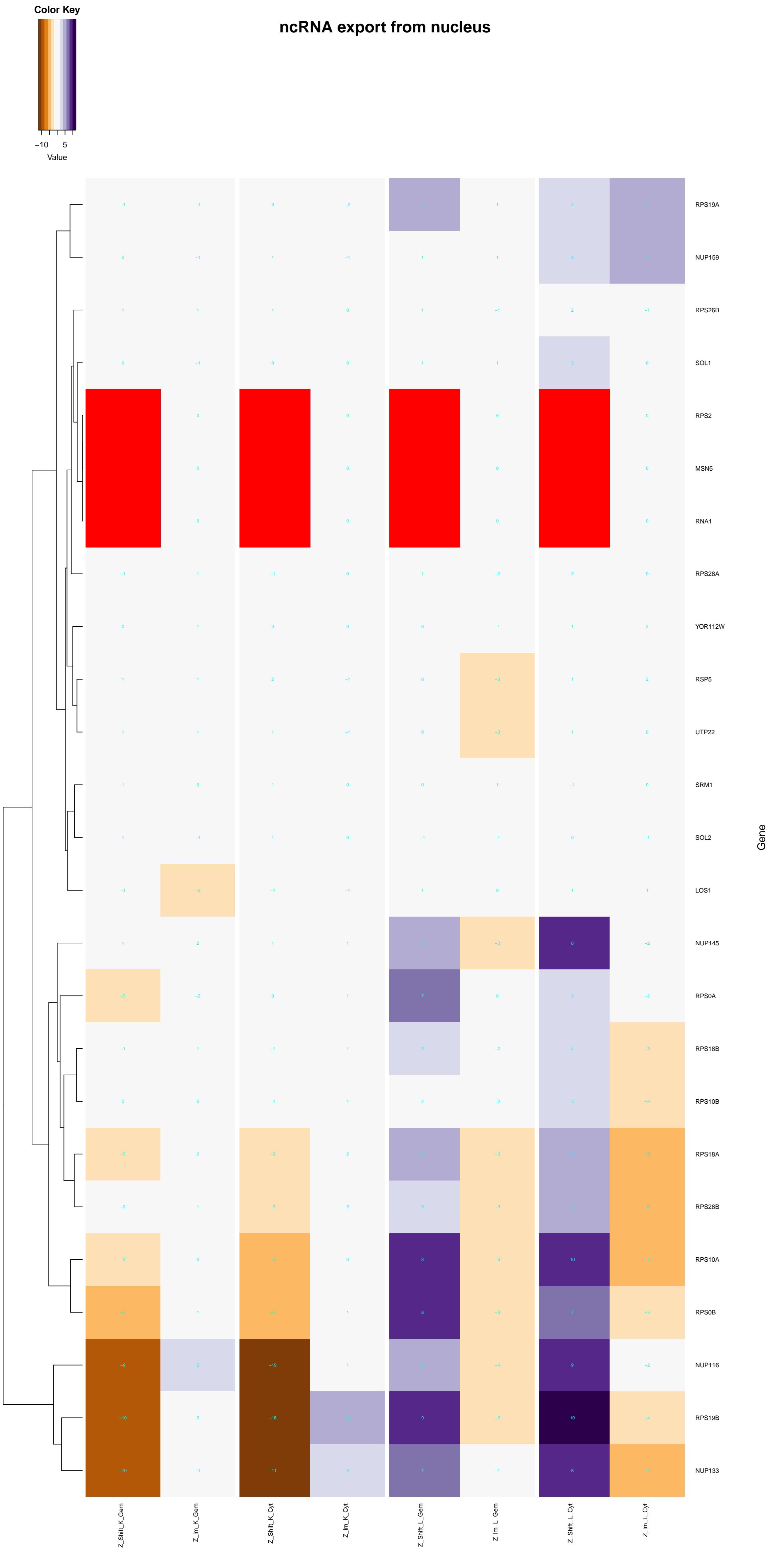
## tRNA export from nucleus

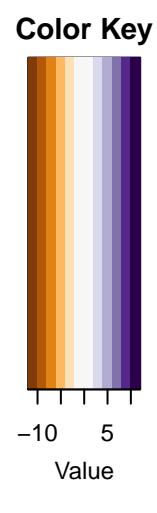




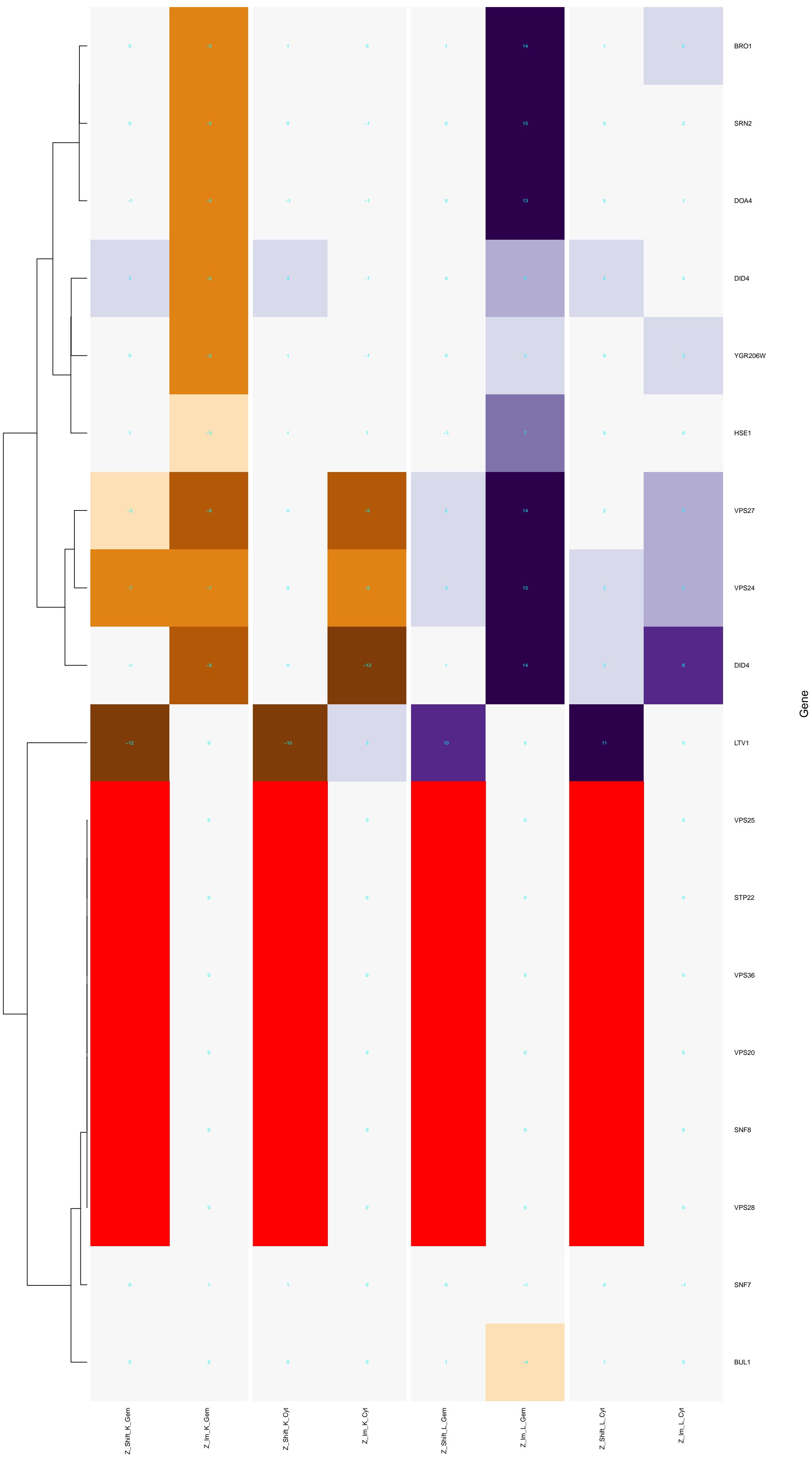
## ribonucleoprotein complex export from nucleus



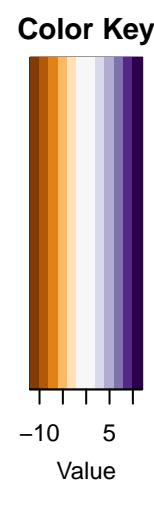




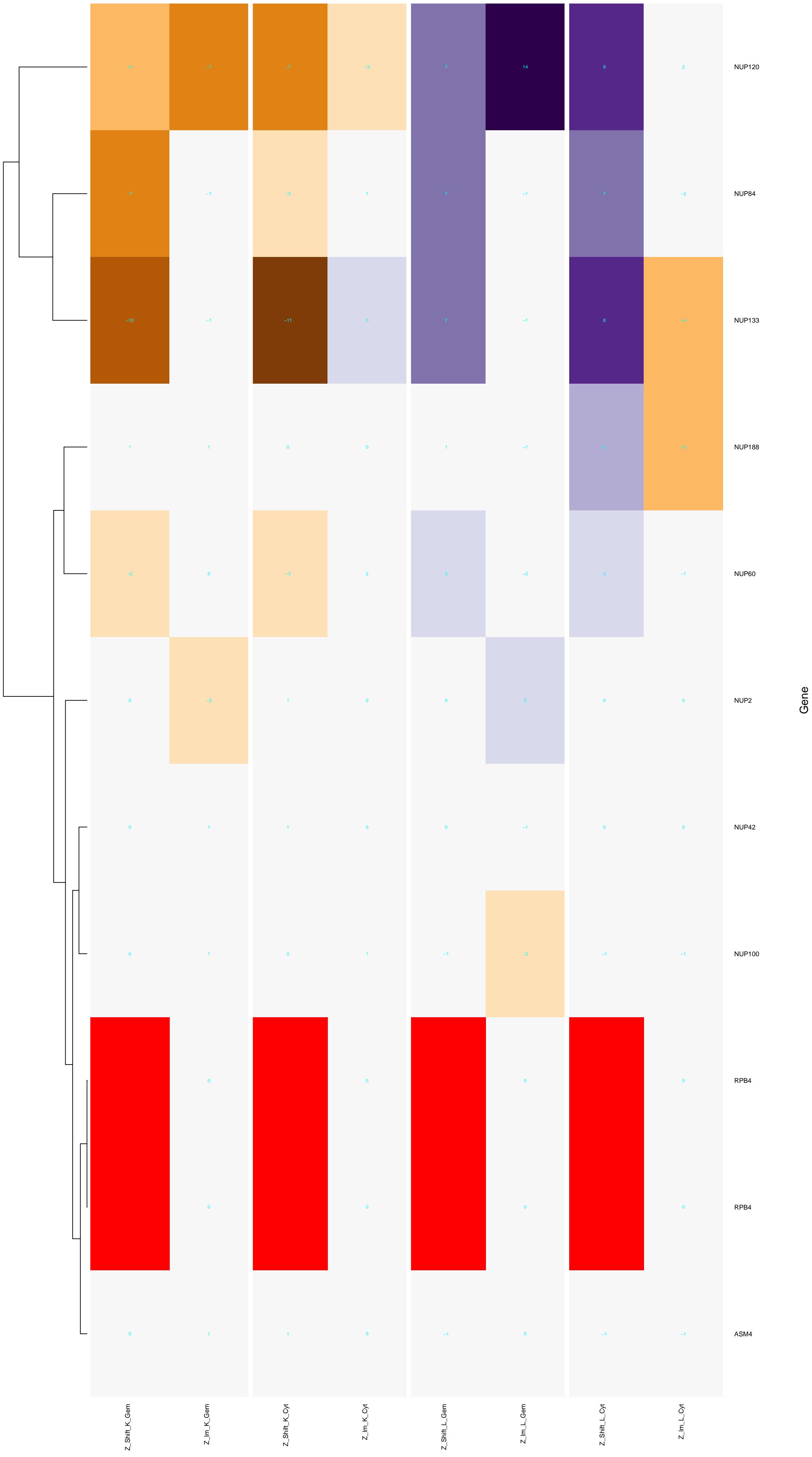
**ATP export**

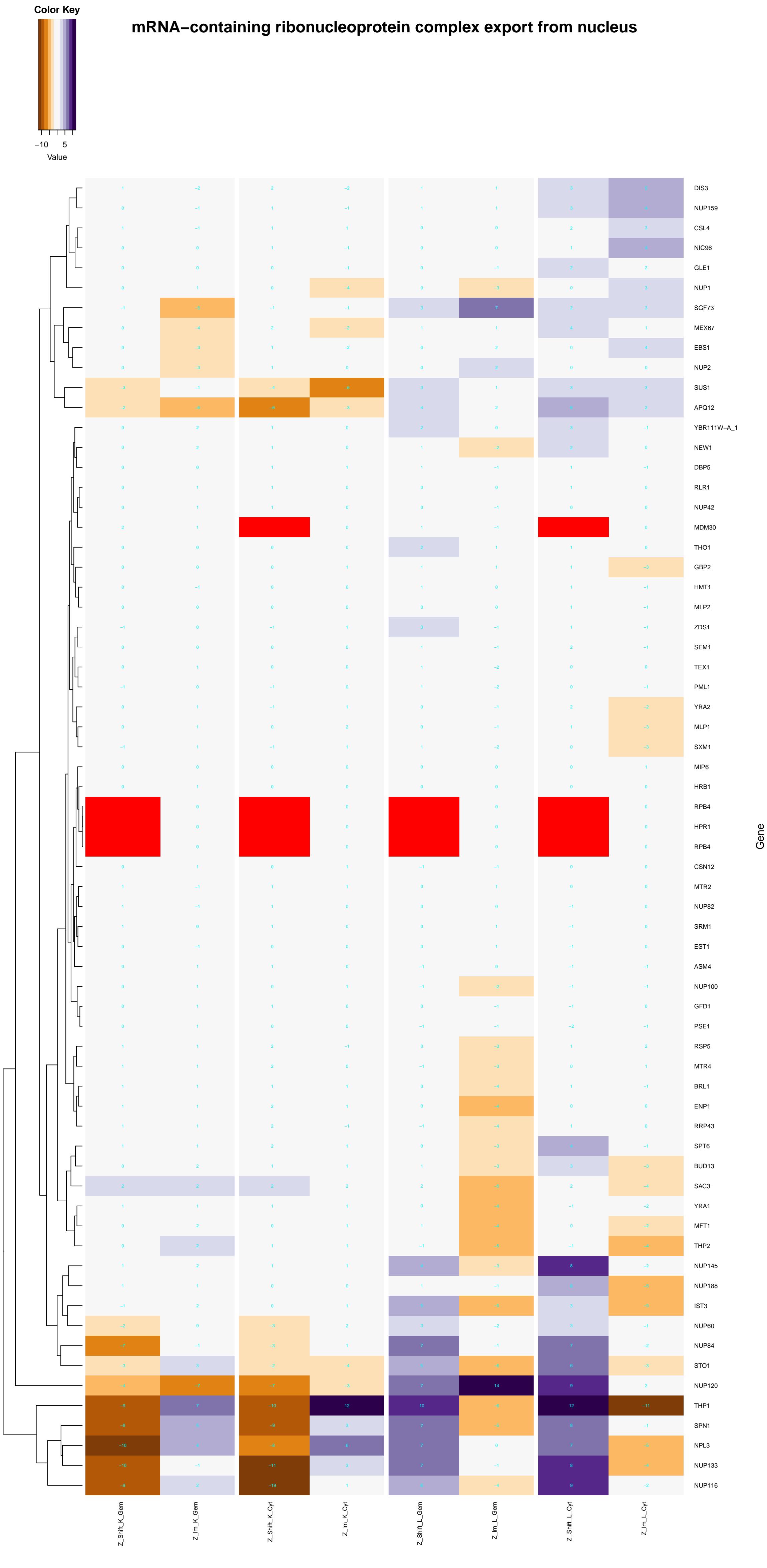


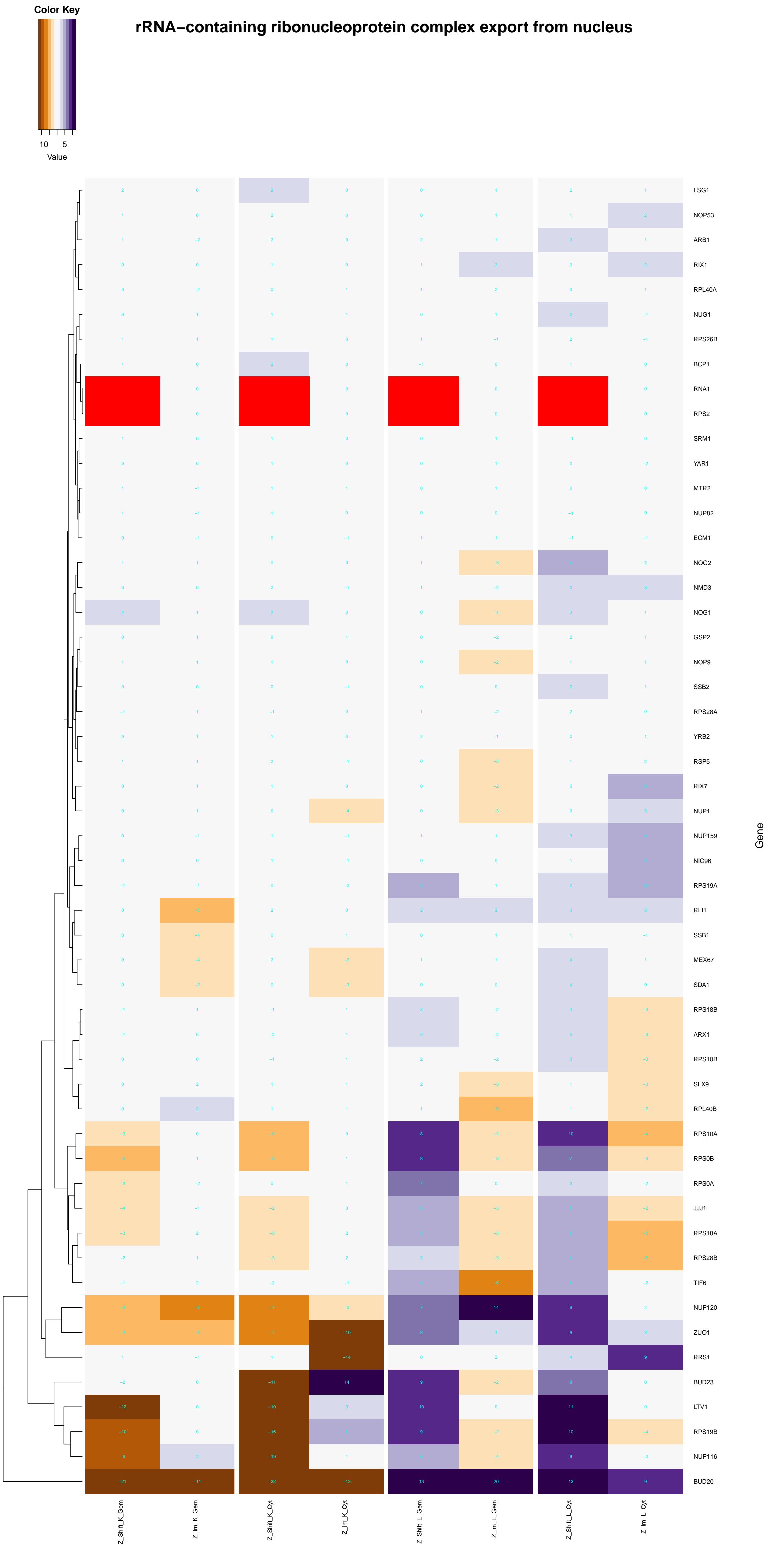




## mRNA export from nucleus in response to heat stress



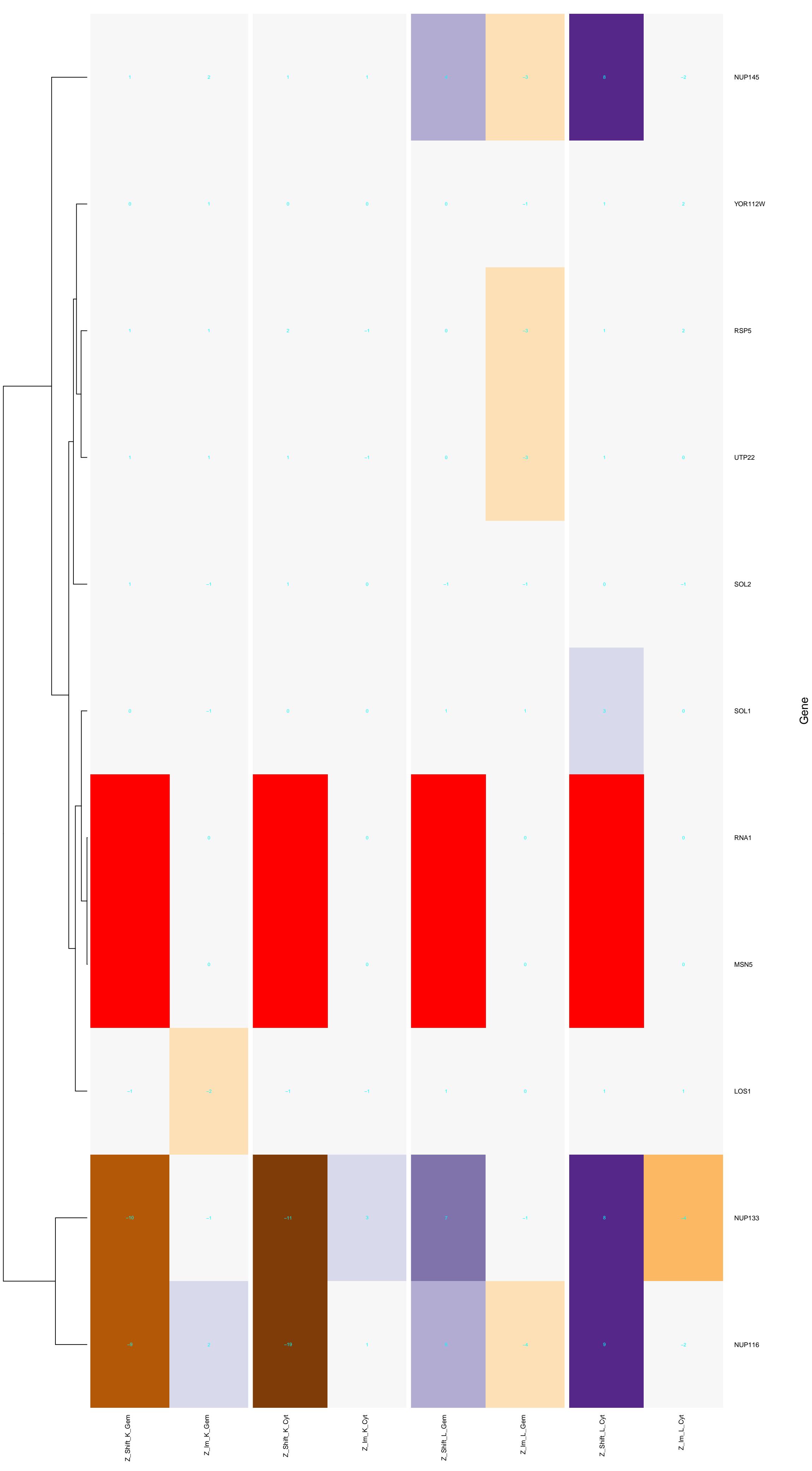




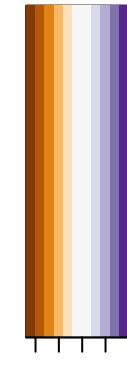
Color Key



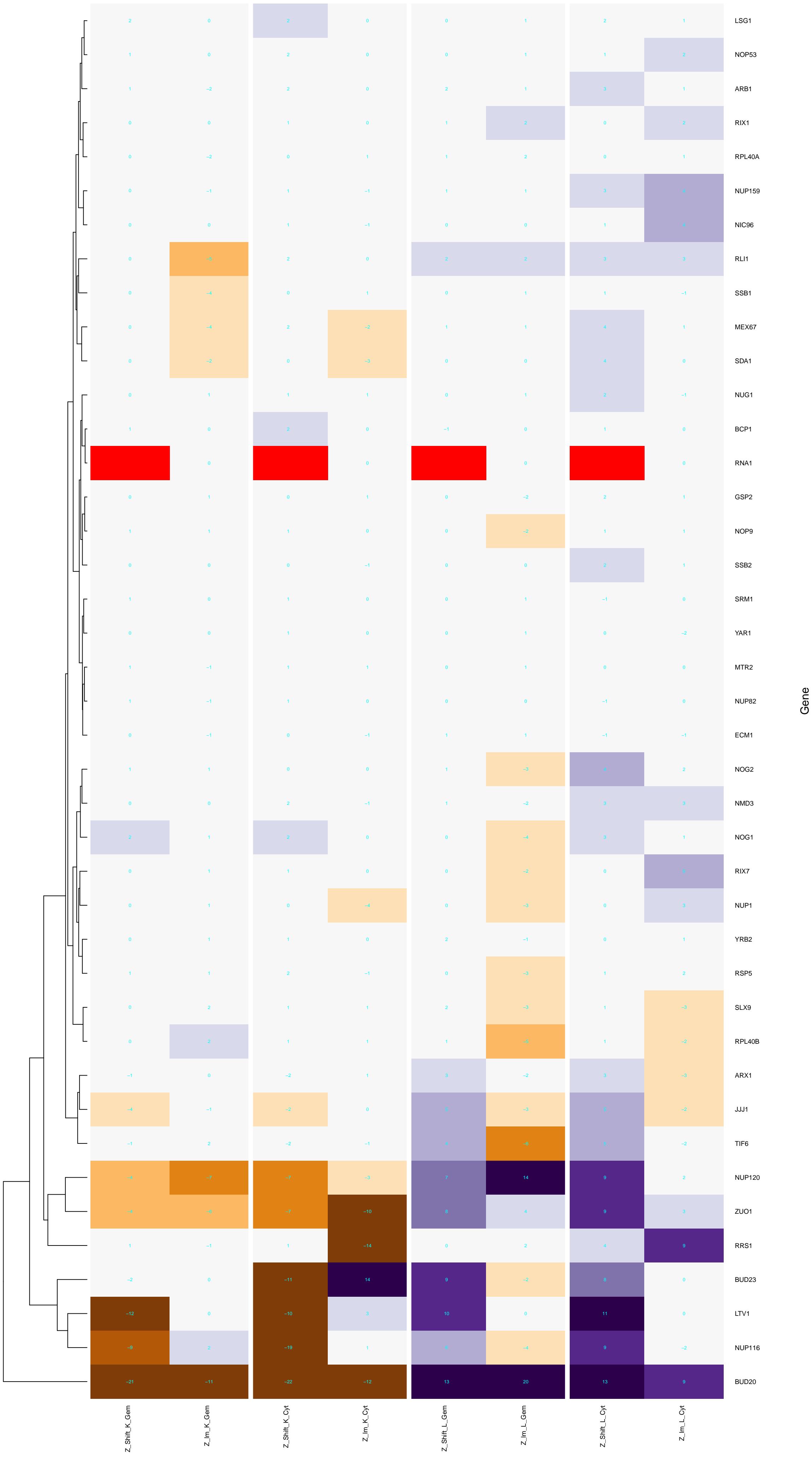
## tRNA-containing ribonucleoprotein complex export from nucleus

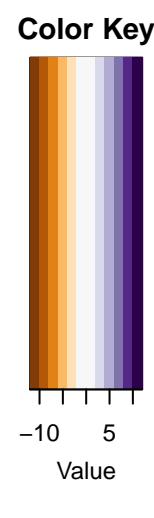


Color Key

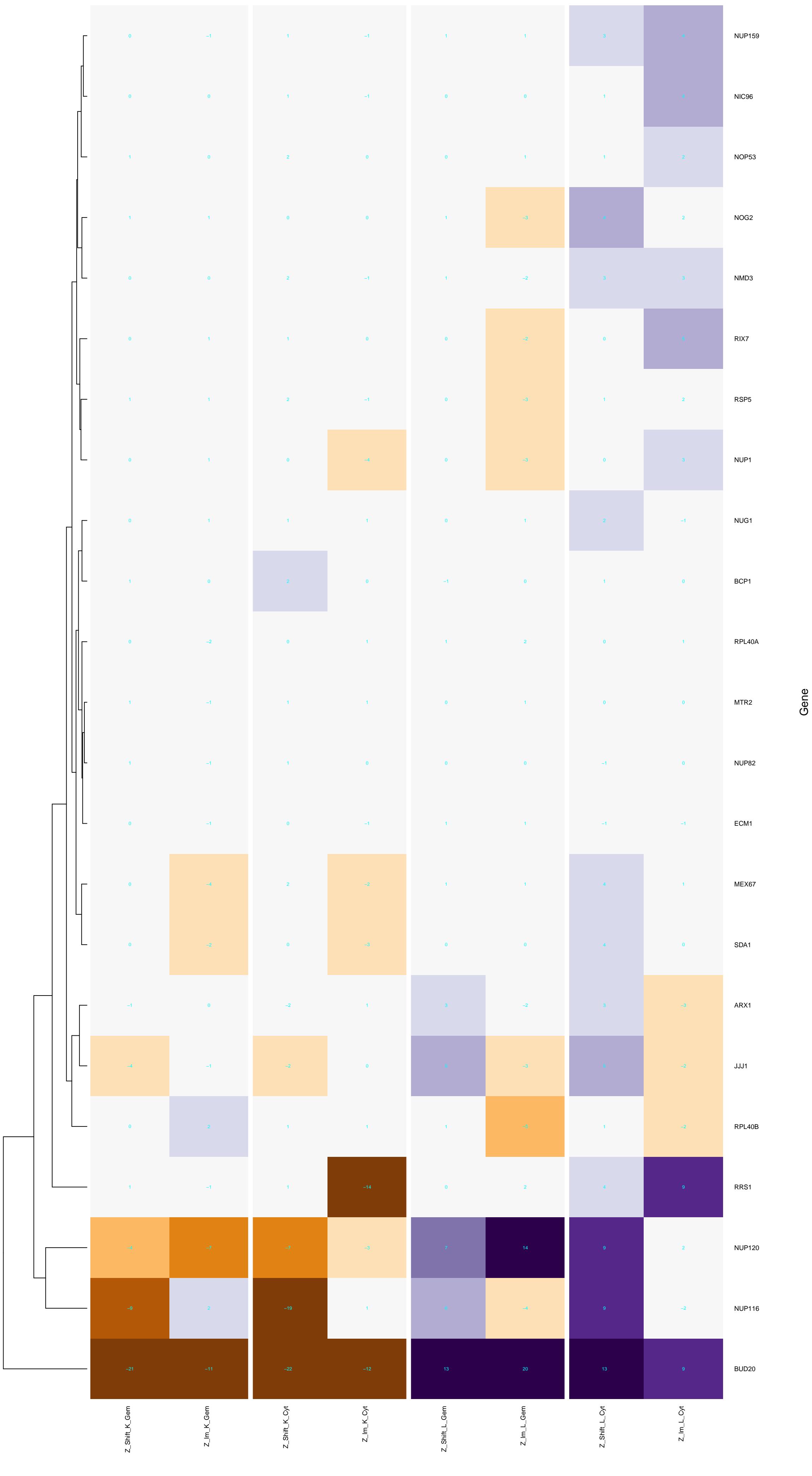


## ribosomal subunit export from nucleus





## ribosomal large subunit export from nucleus



Color Key



## ribosomal small subunit export from nucleus

