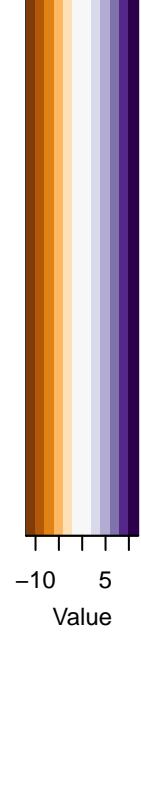
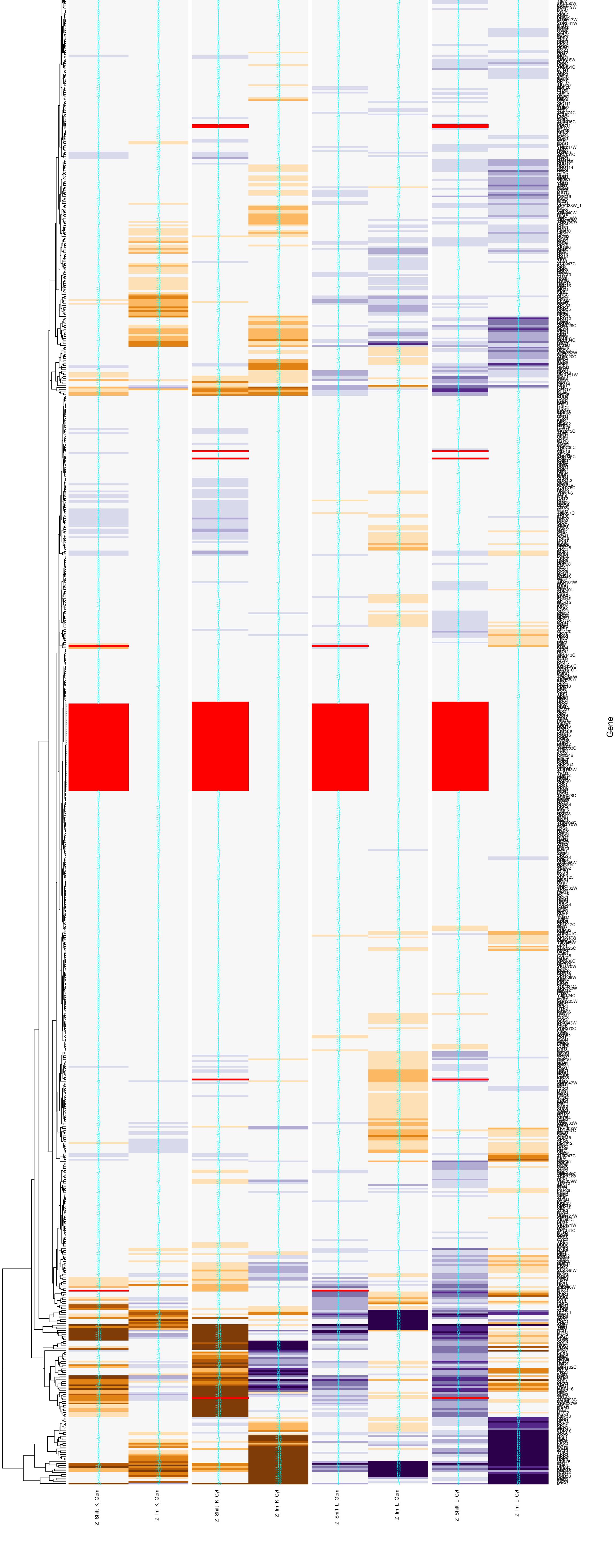


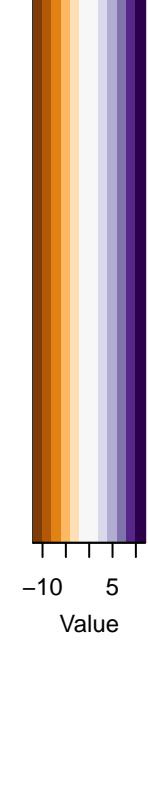
Color Key



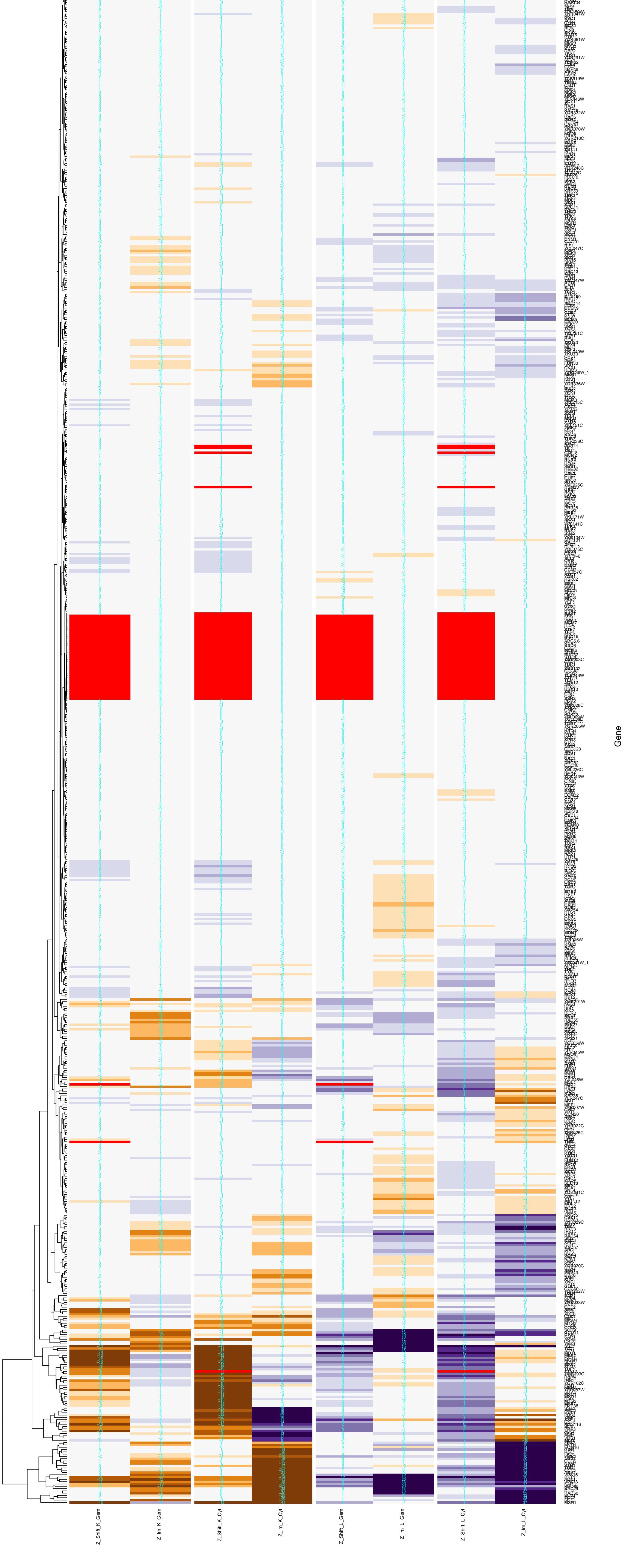
nucleotide binding



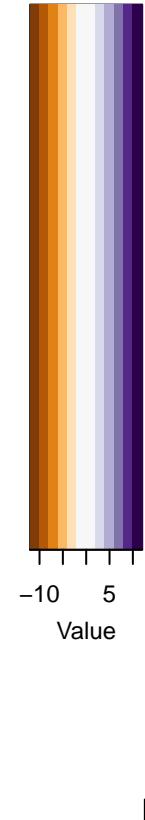
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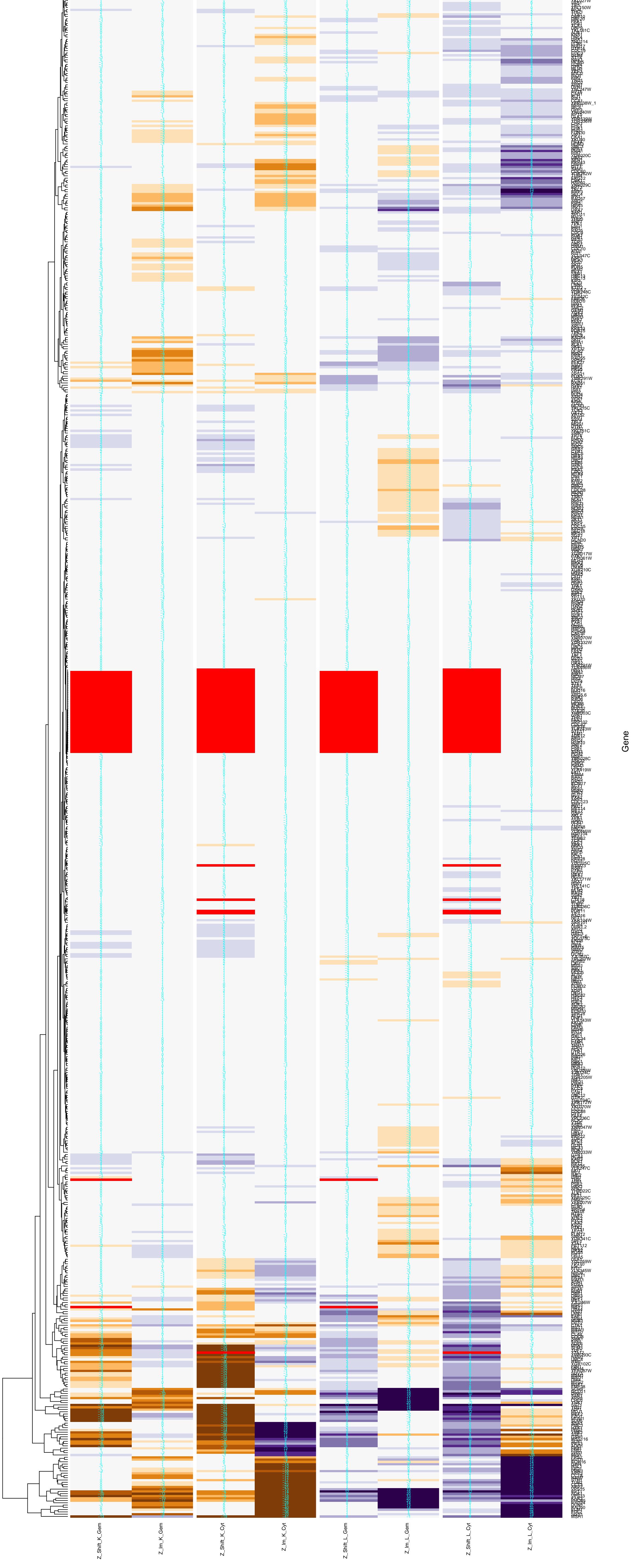
purine nucleotide binding

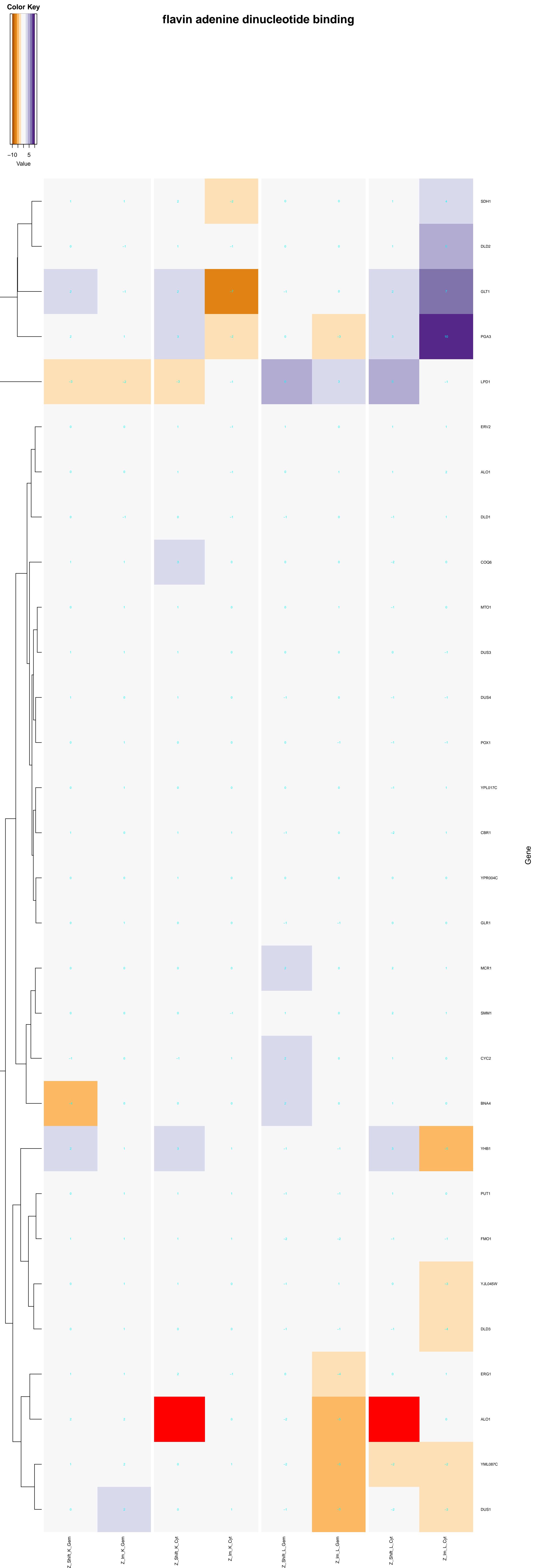


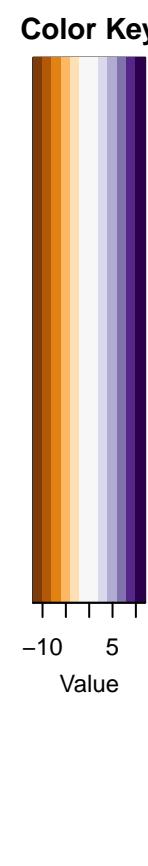
Color Key



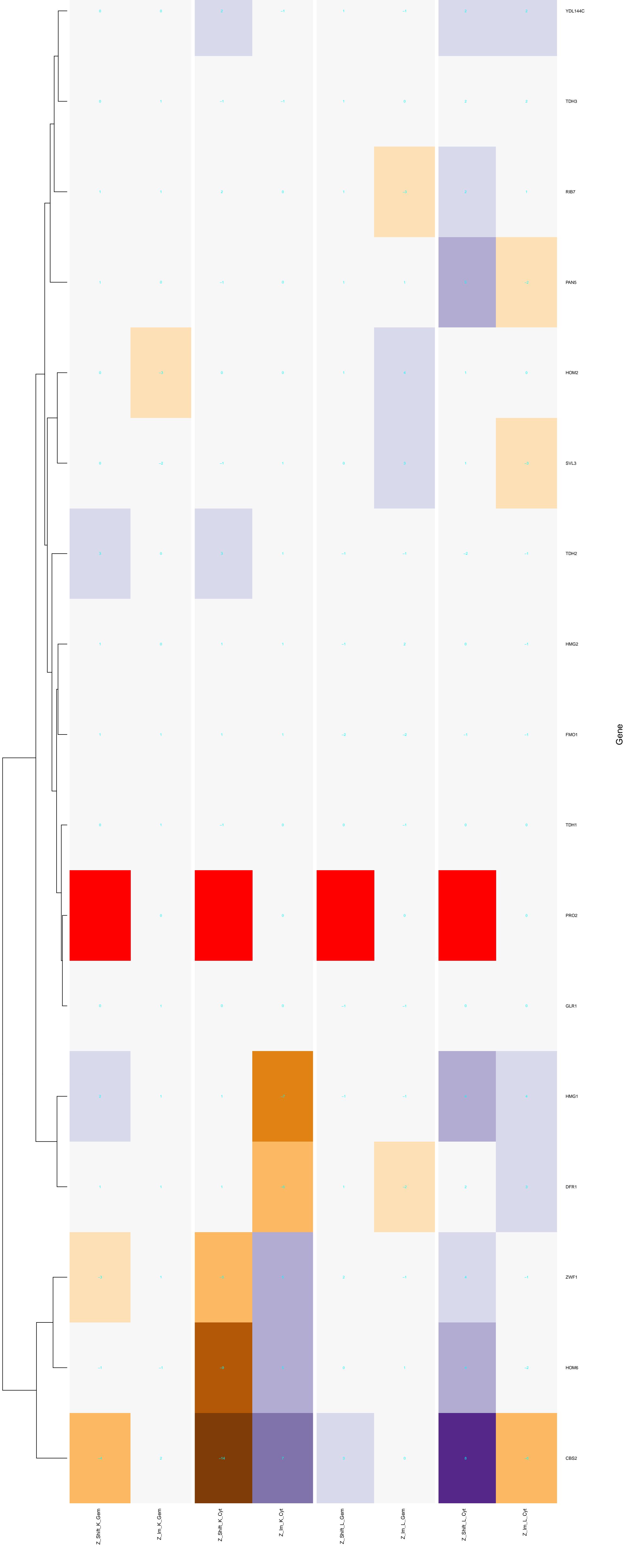
ribonucleotide binding

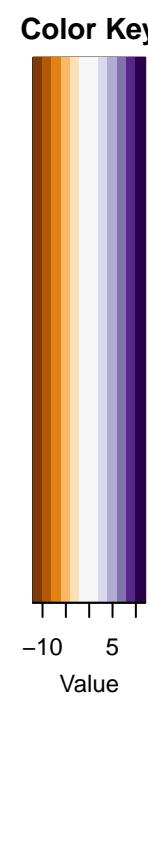




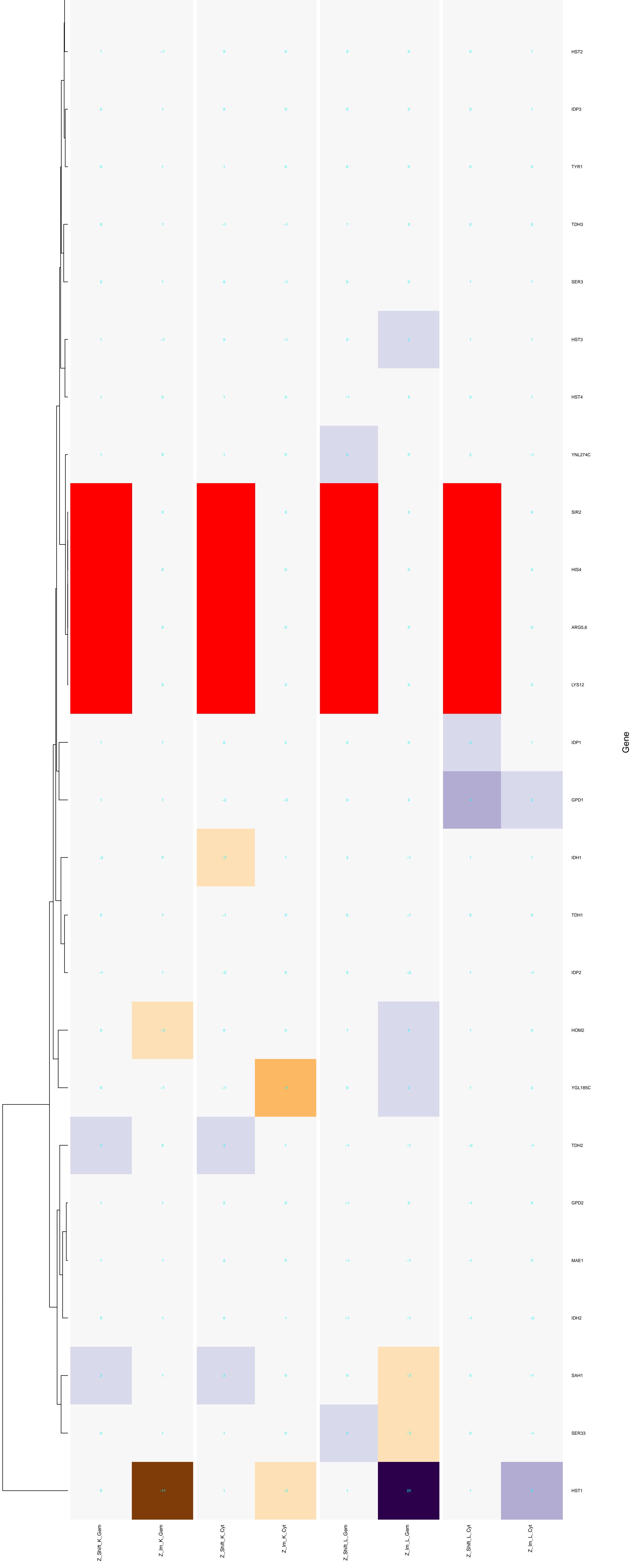


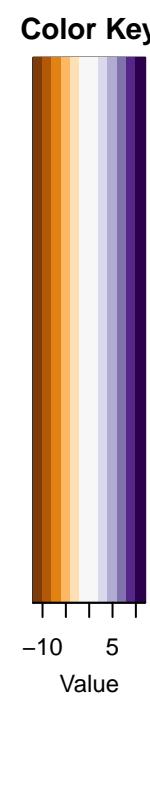
NADP binding



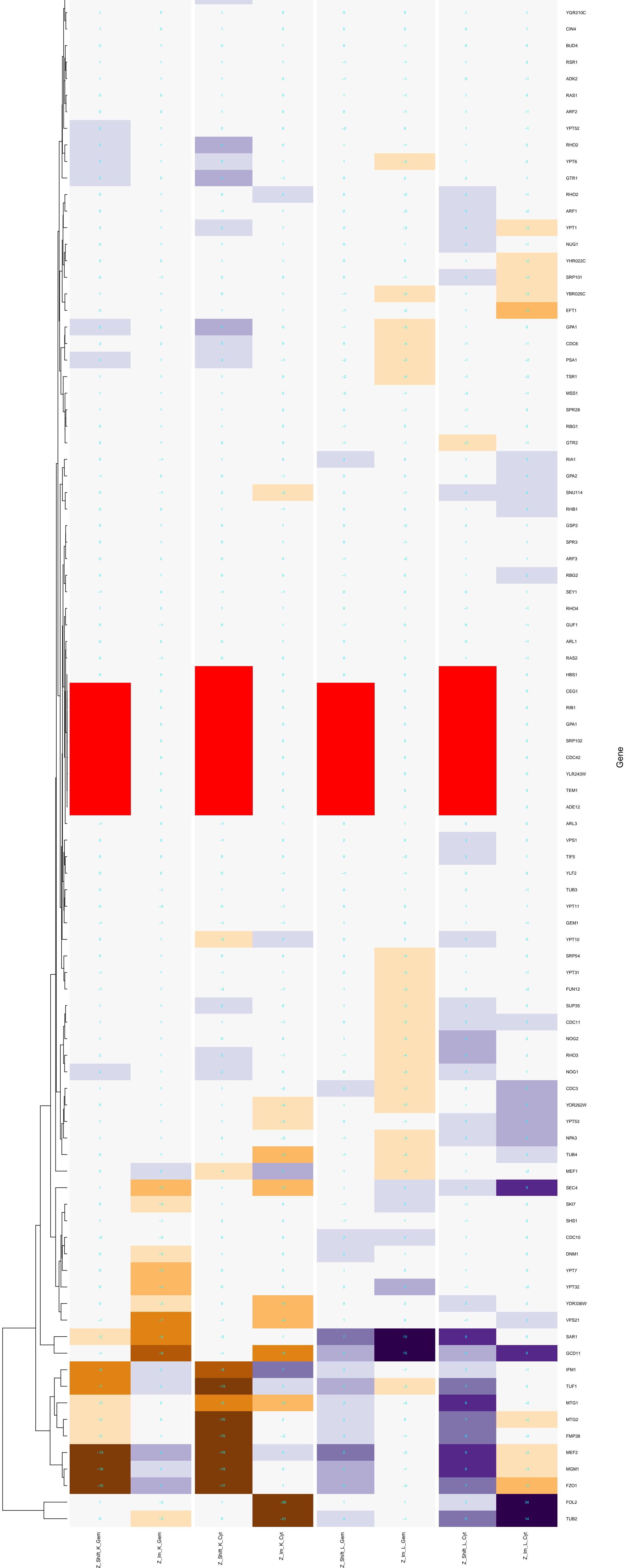


NAD binding

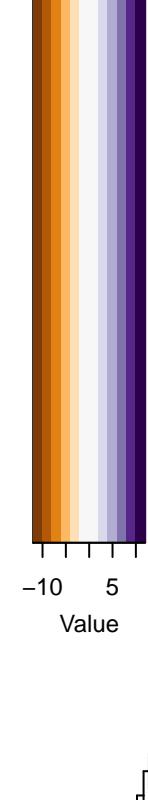




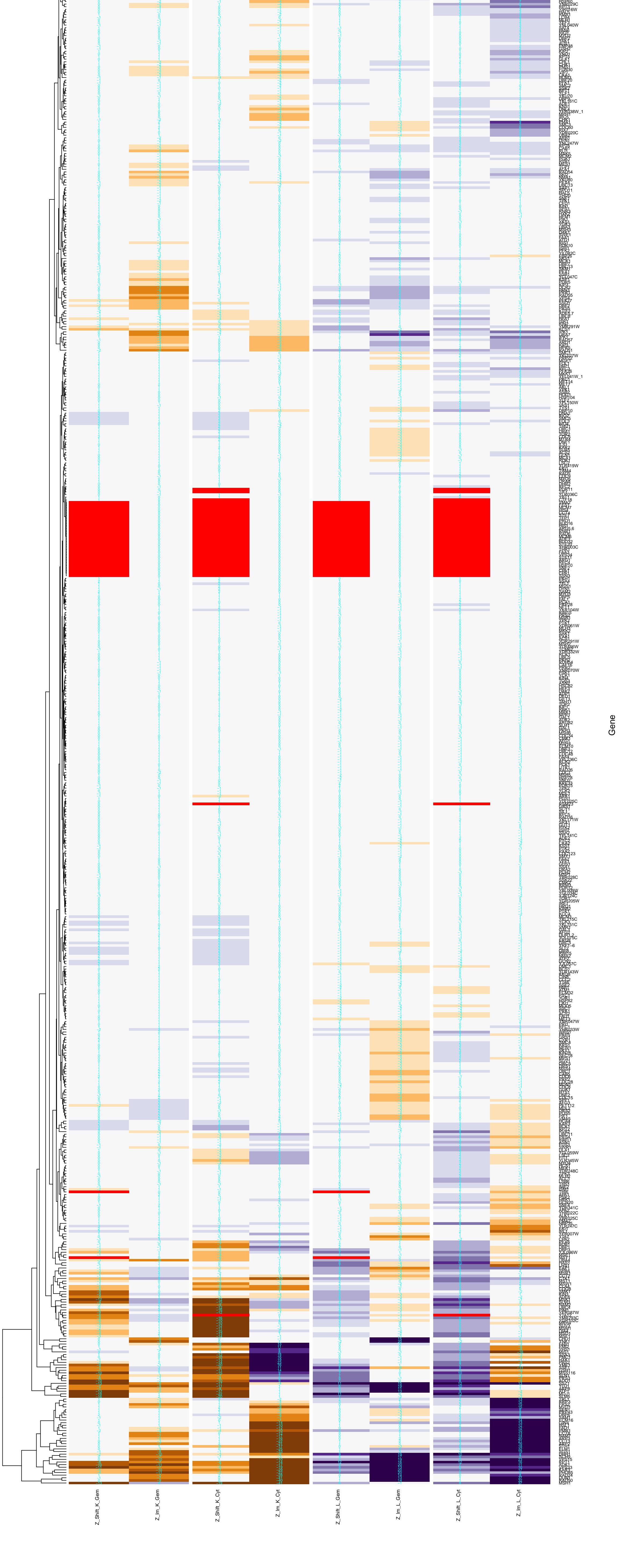
guanyl nucleotide binding



Color Key

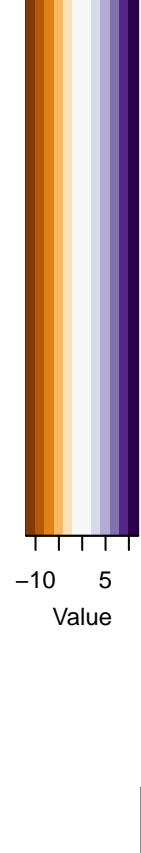


adenyl nucleotide binding

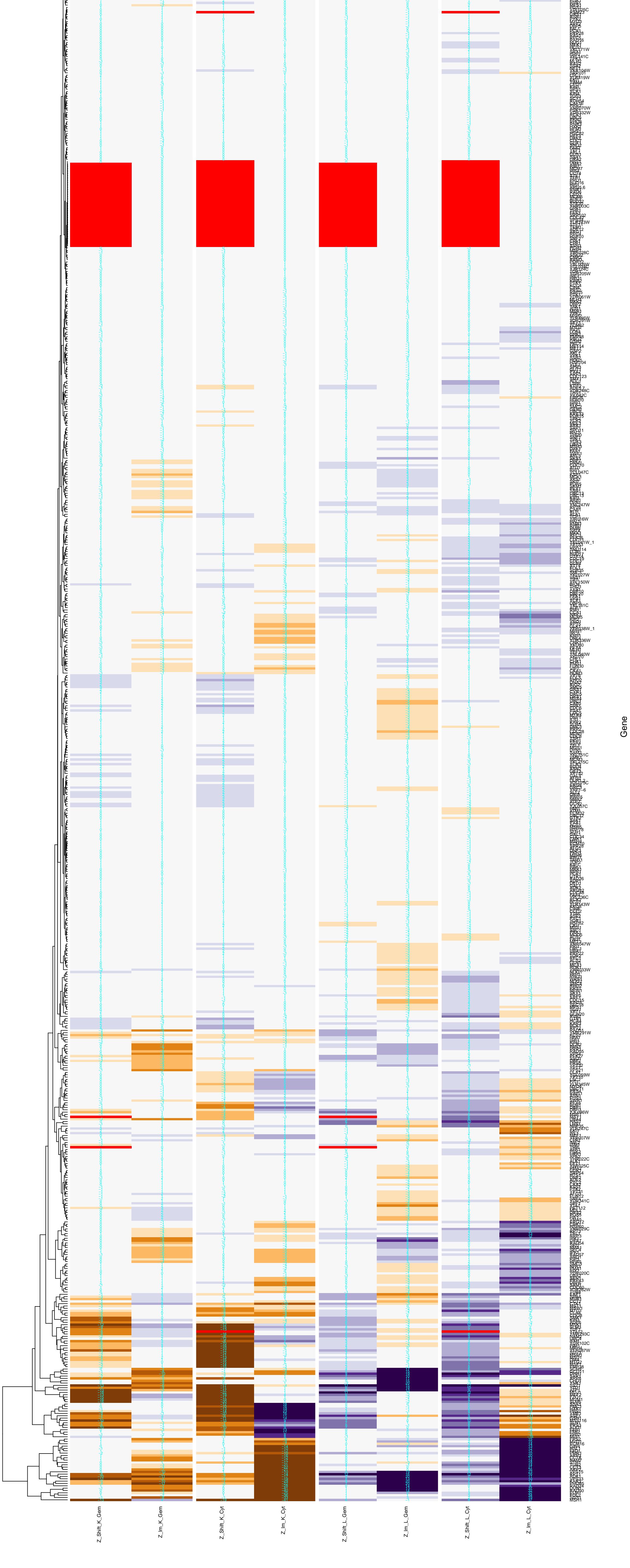


Gene

Color Key



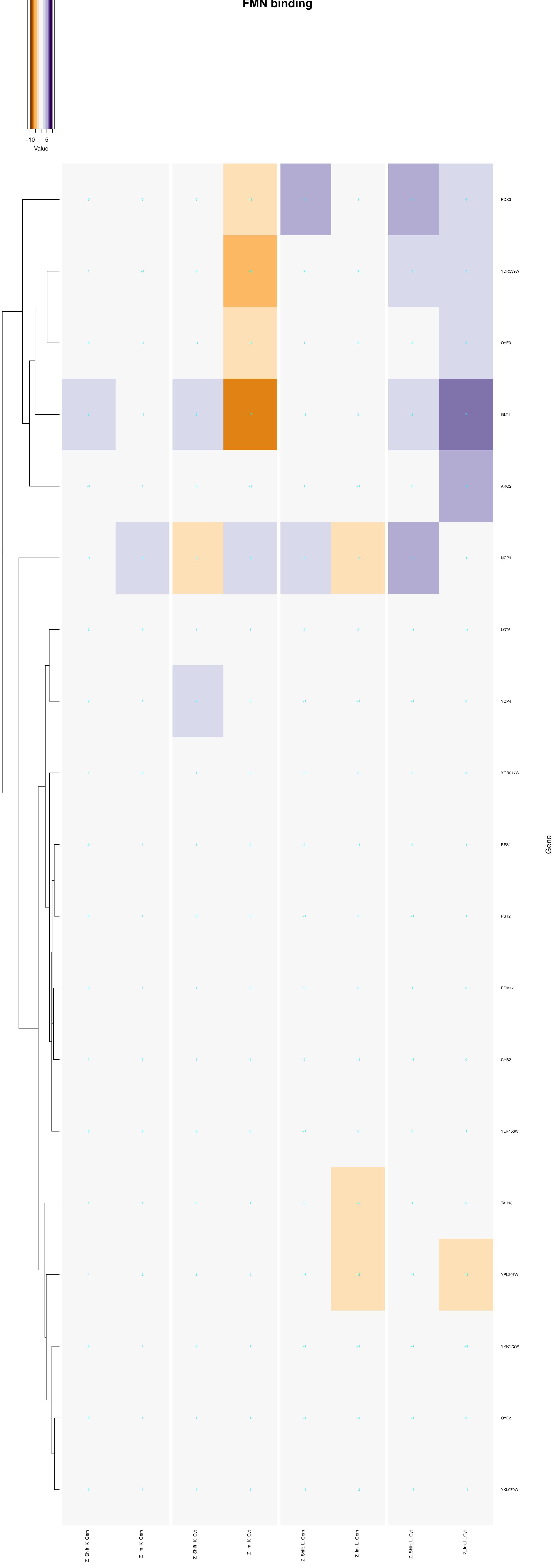
purine ribonucleotide binding



Color Key



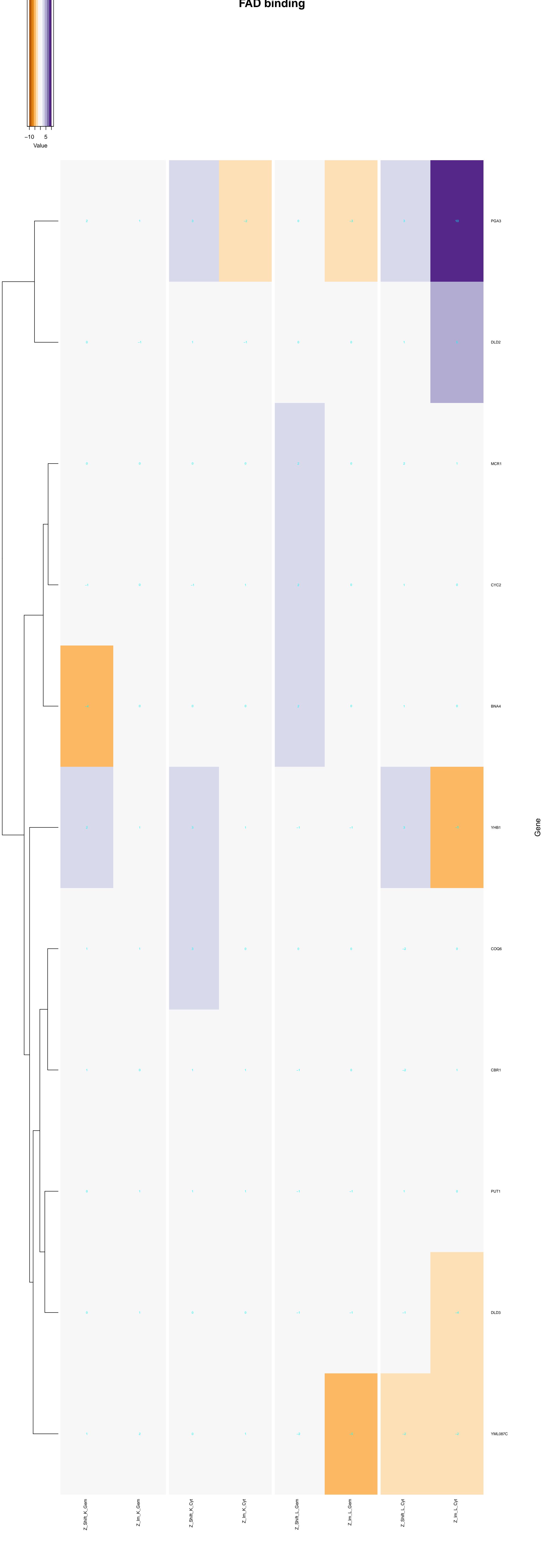
FMN binding

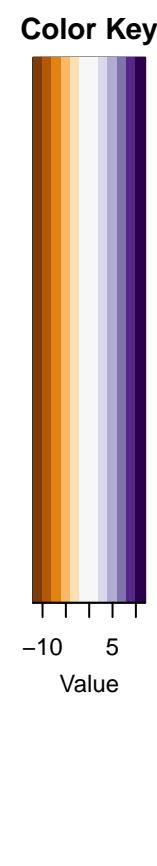


Color Key

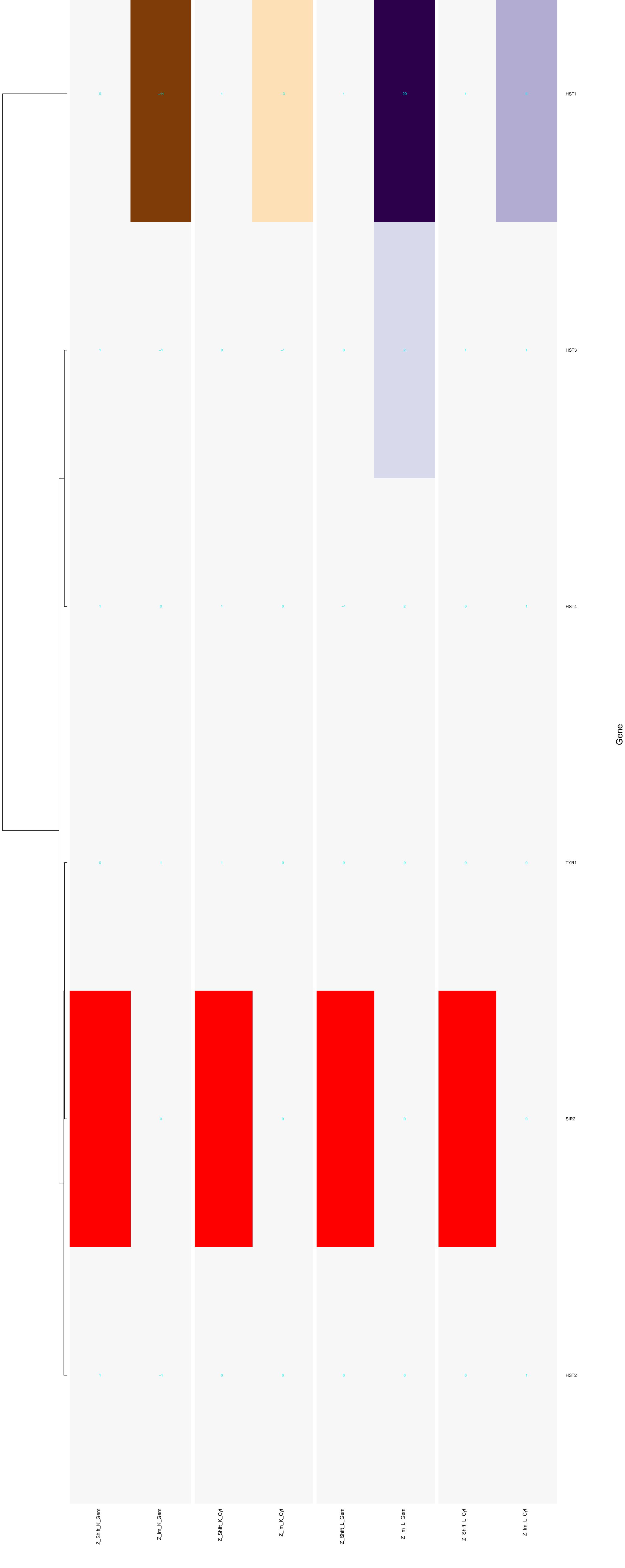


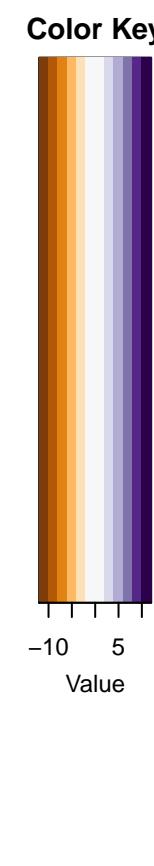
FAD binding



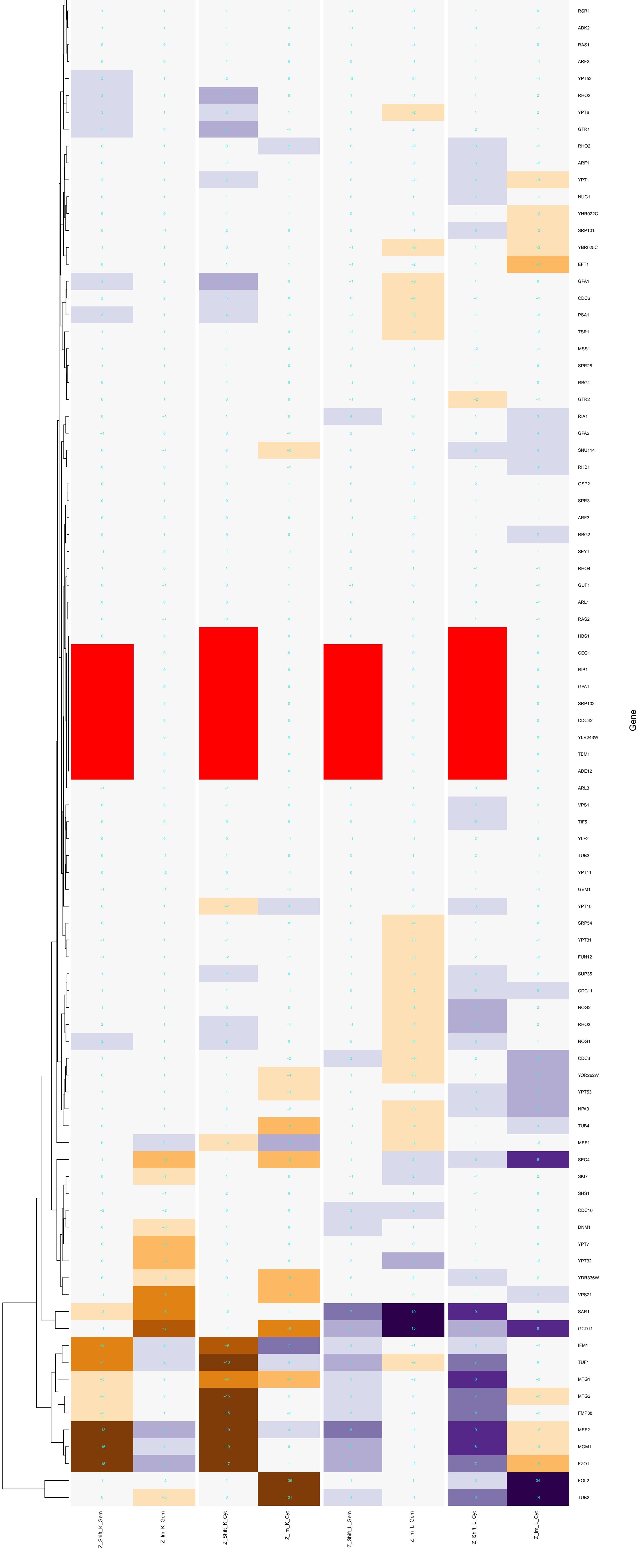


NAD+ binding





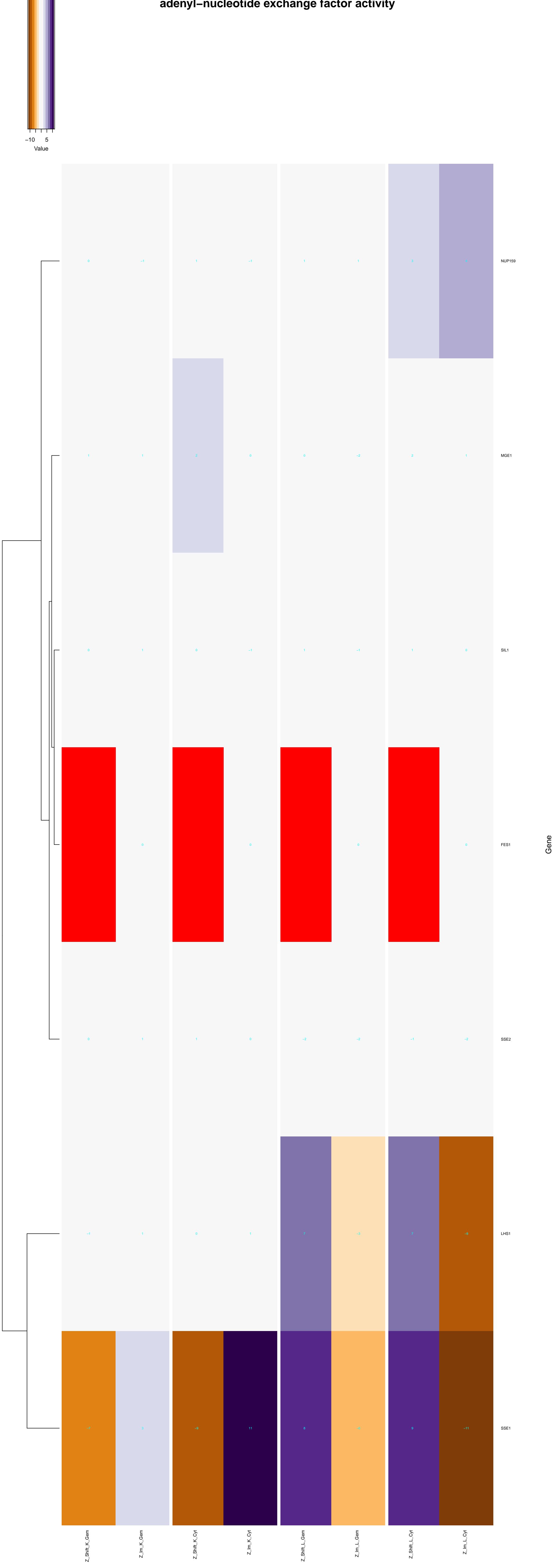
guanyl ribonucleotide binding



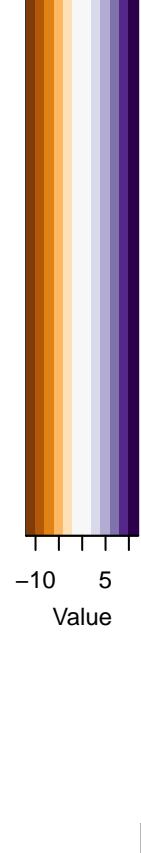
Color Key



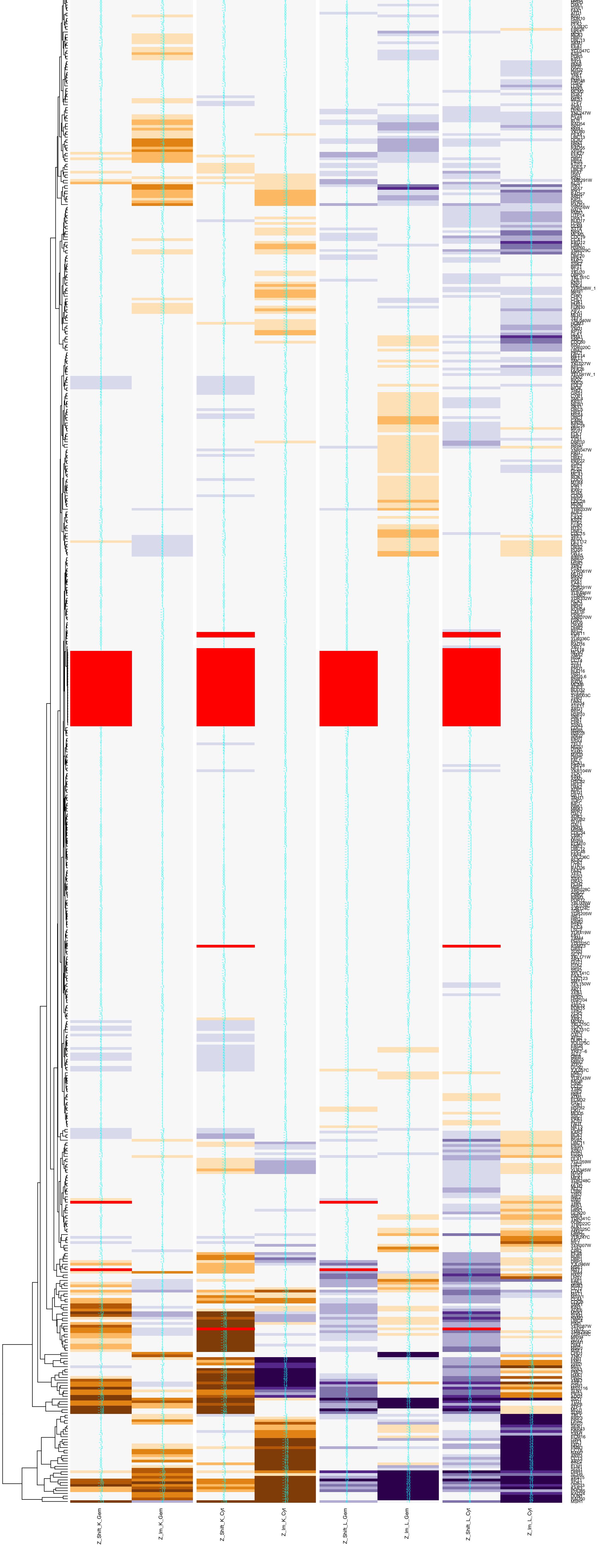
adenyl-nucleotide exchange factor activity



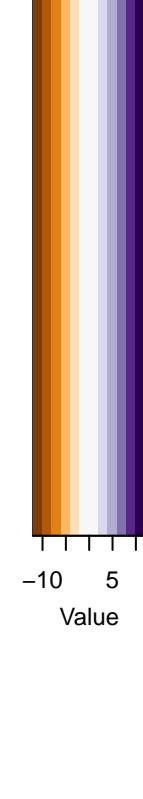
Color Key



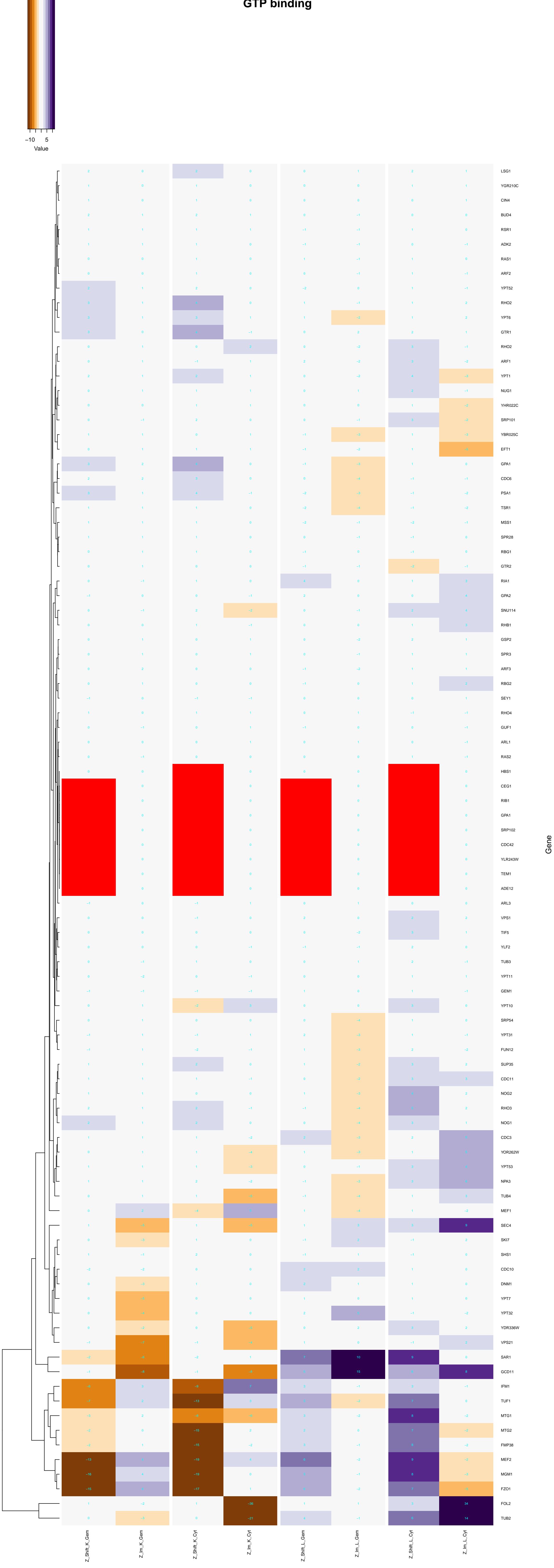
adenyl ribonucleotide binding



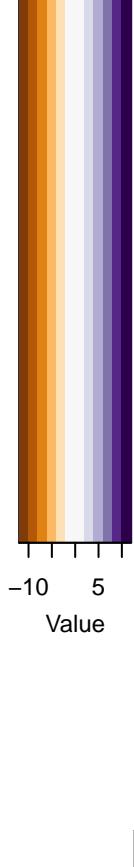
Color Key



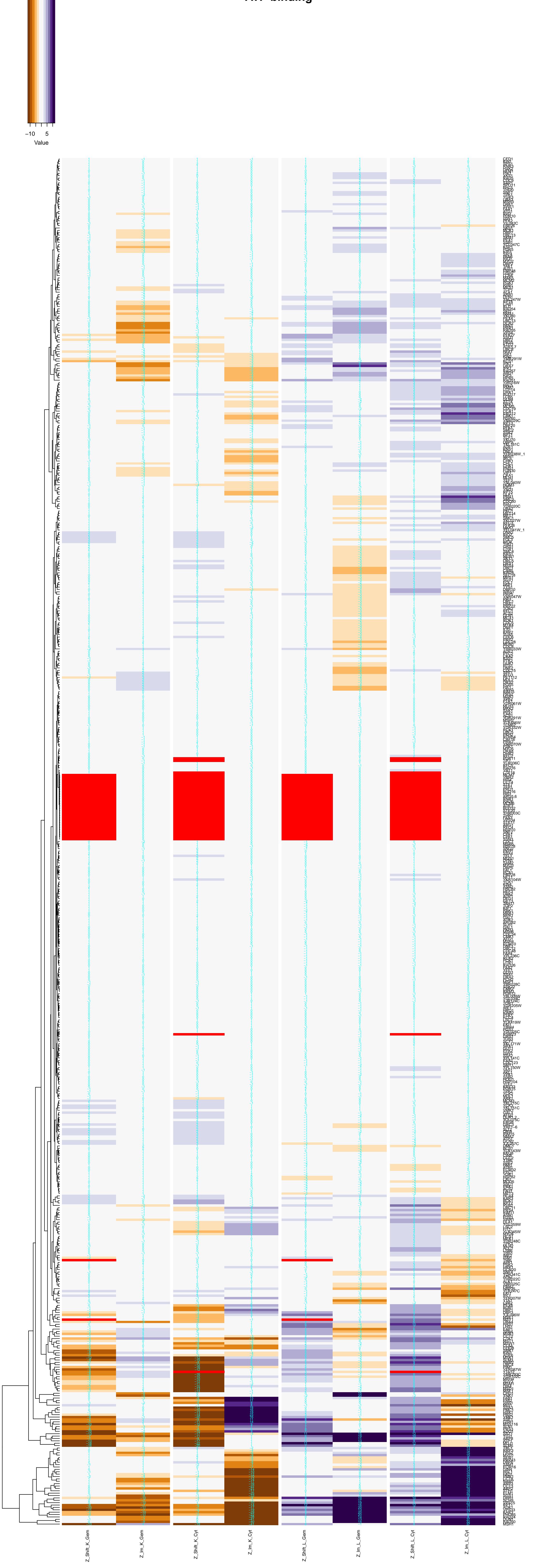
GTP binding

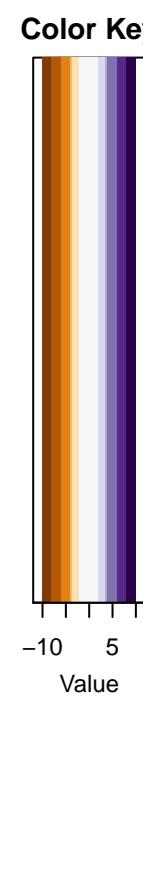


Color Key



ATP binding



Color Key**AMP binding**