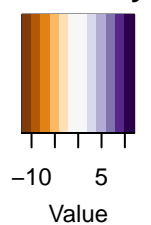
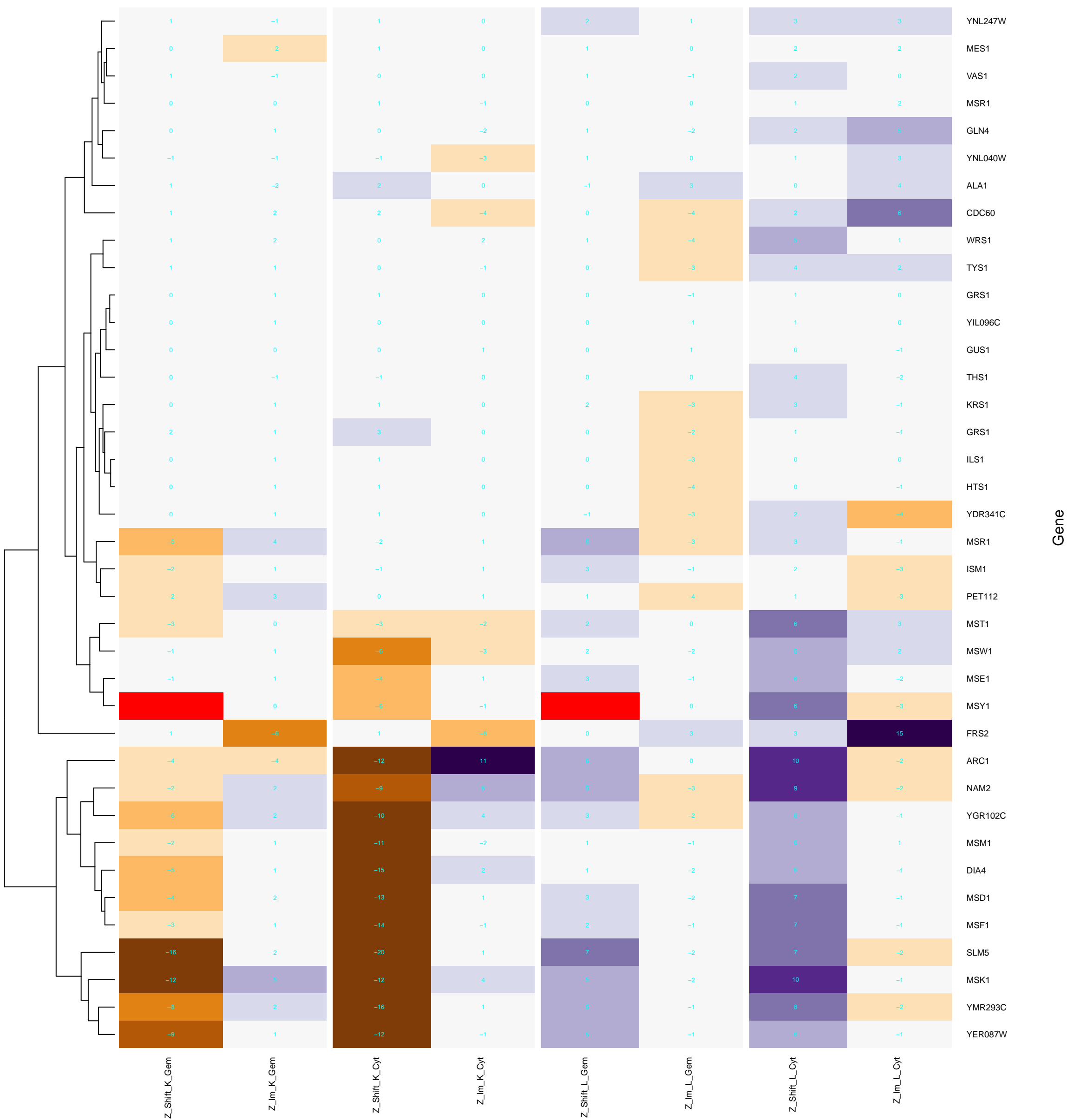


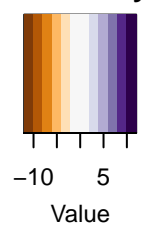
Color Key



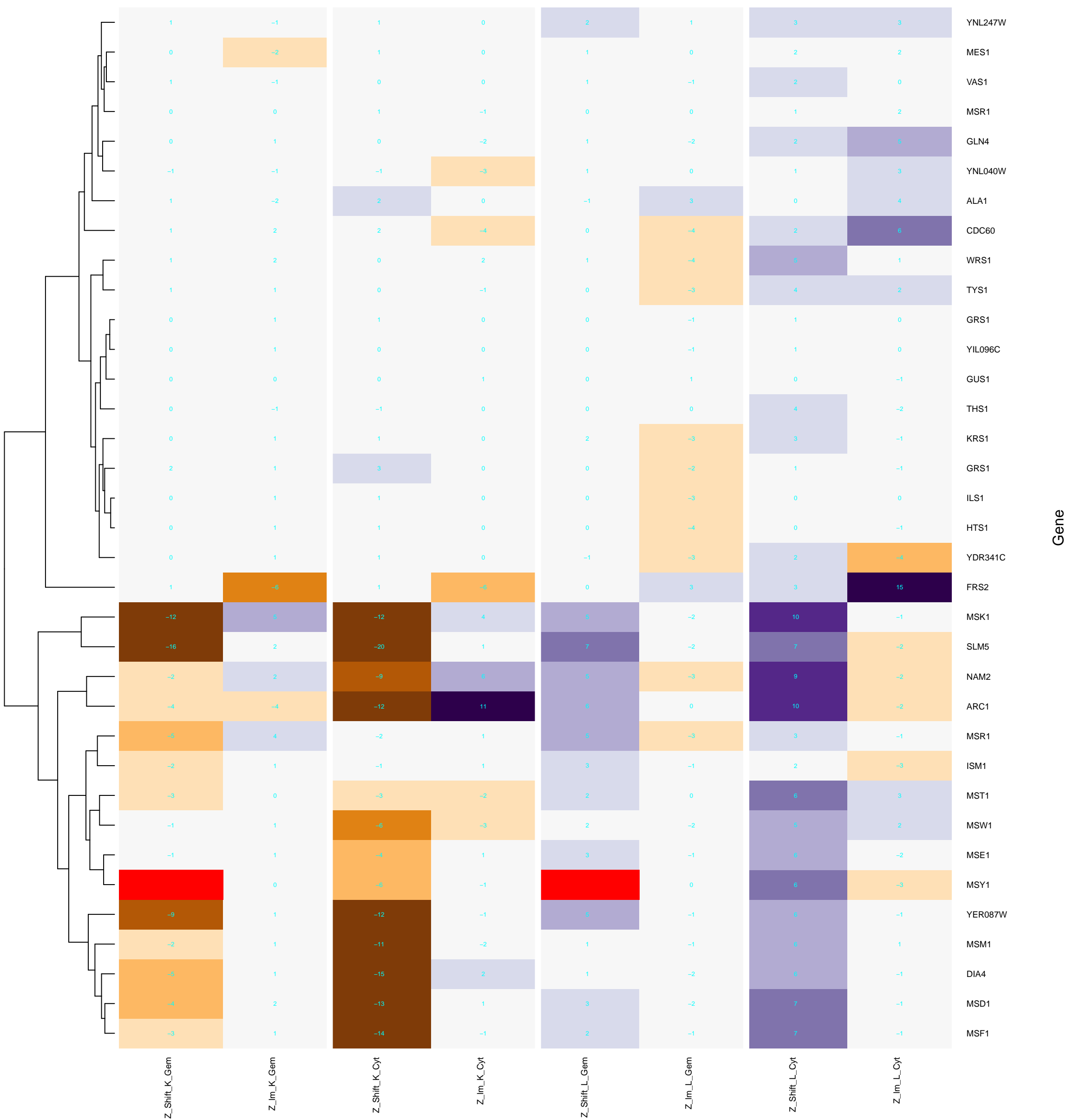
tRNA aminoacylation

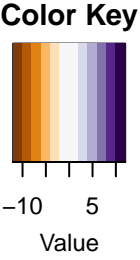


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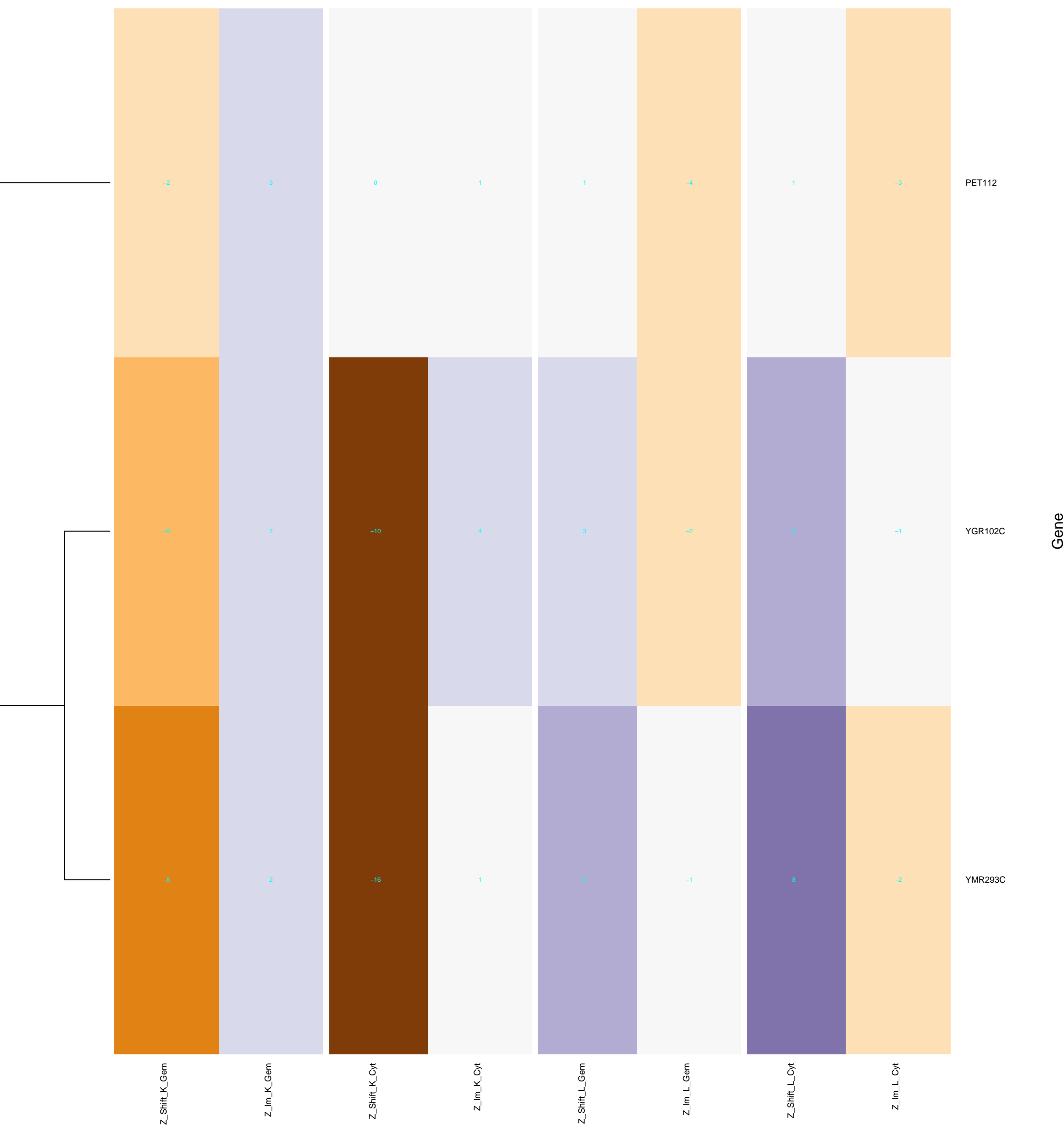


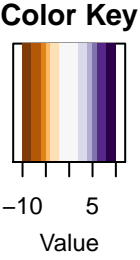
tRNA aminoacylation for protein translation



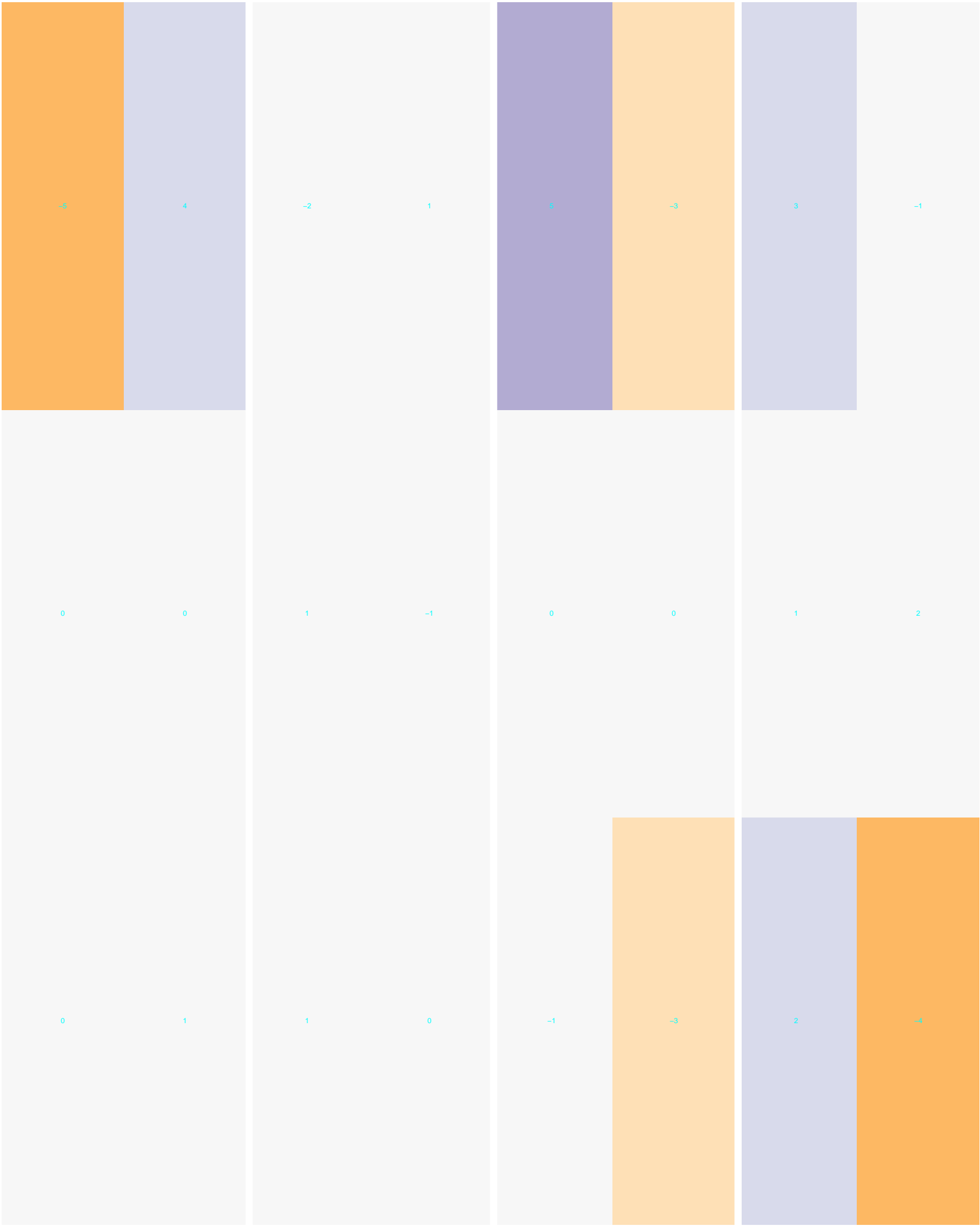


glutaminyI-tRNA^{Gln} biosynthesis via transamidation





arginyl-tRNA aminoacylation



Gene

