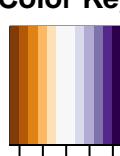
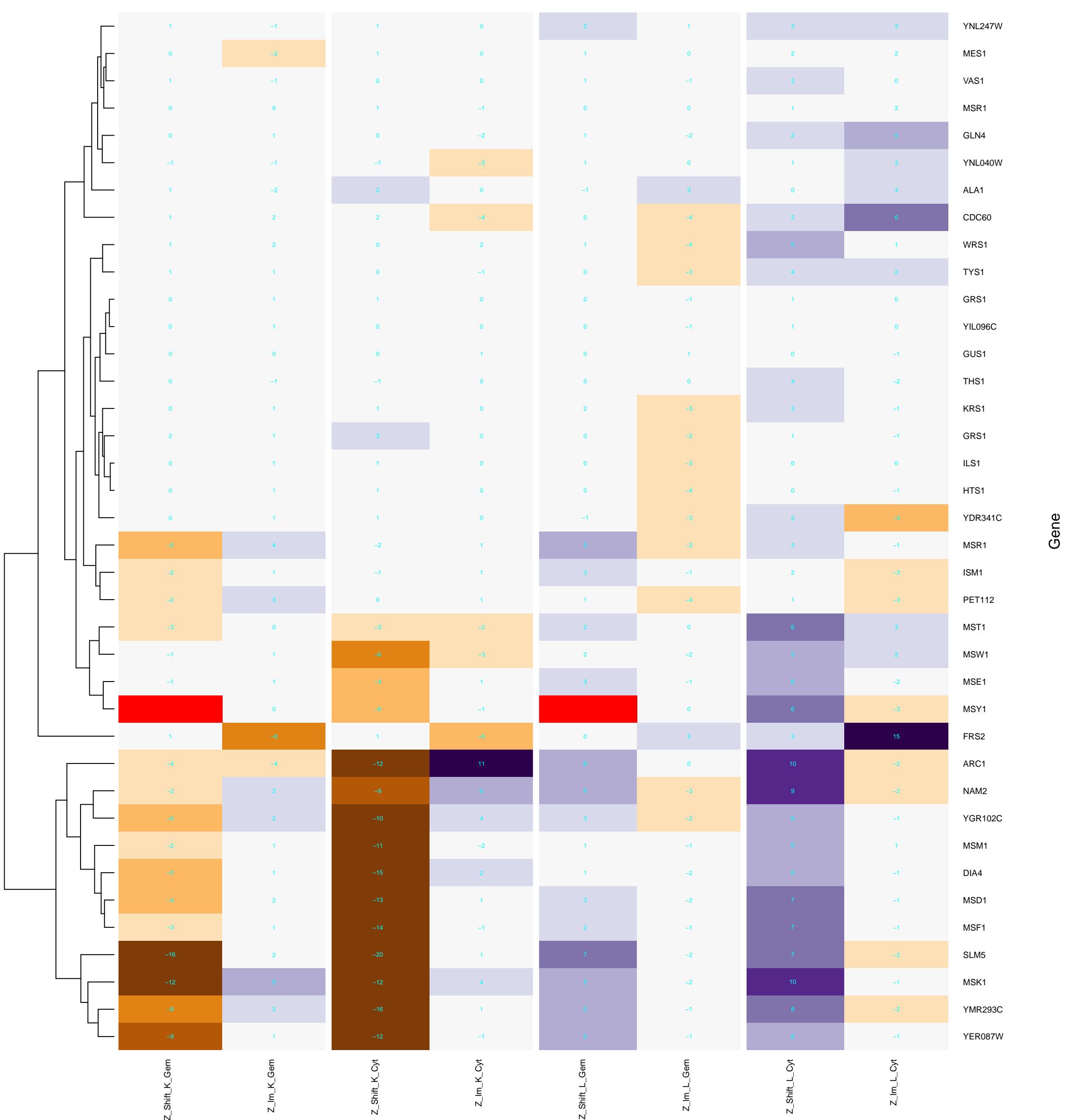
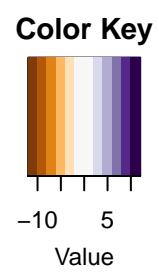


Color Key

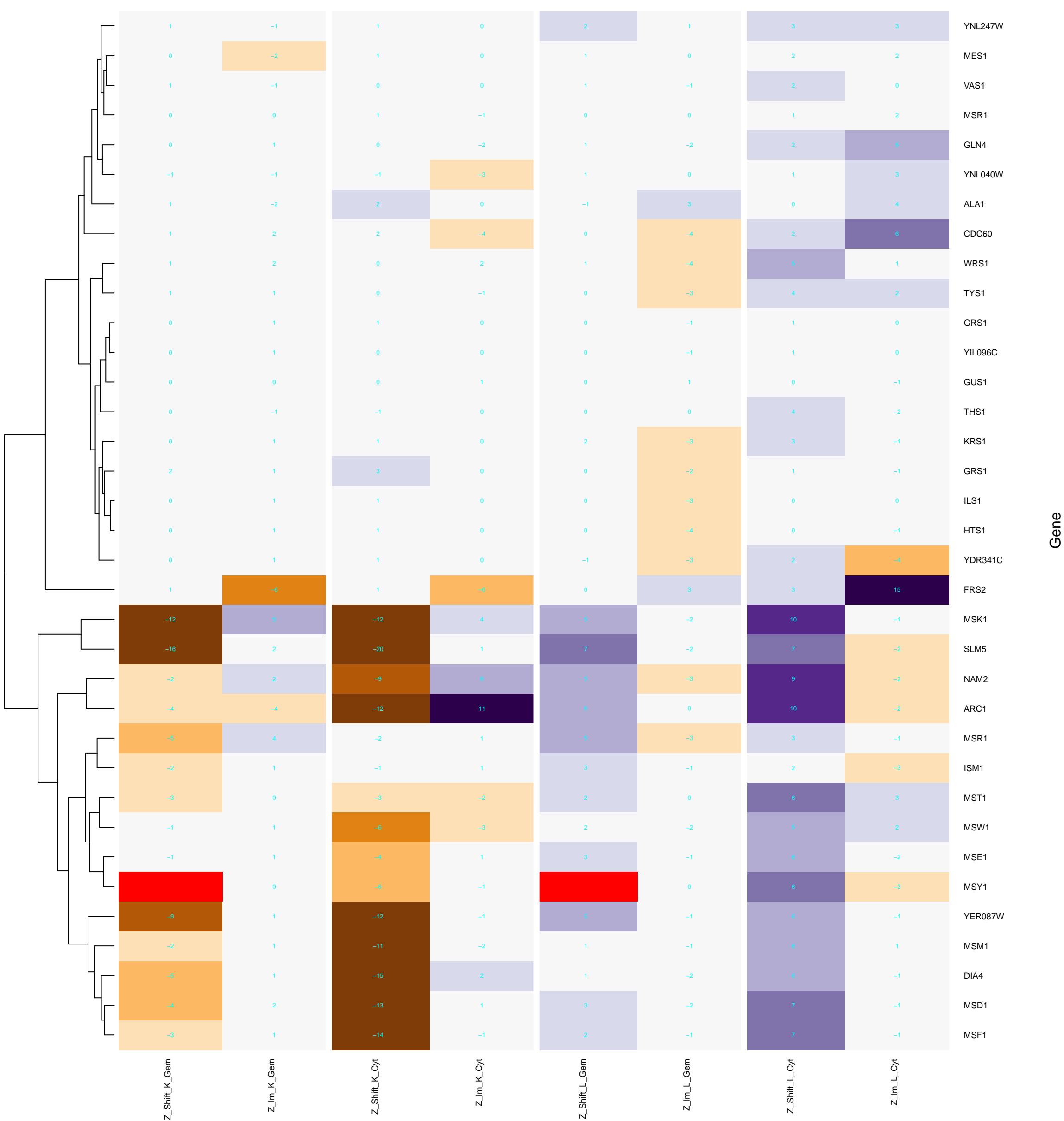


tRNA aminoacylation

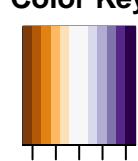




tRNA aminoacylation for protein translation



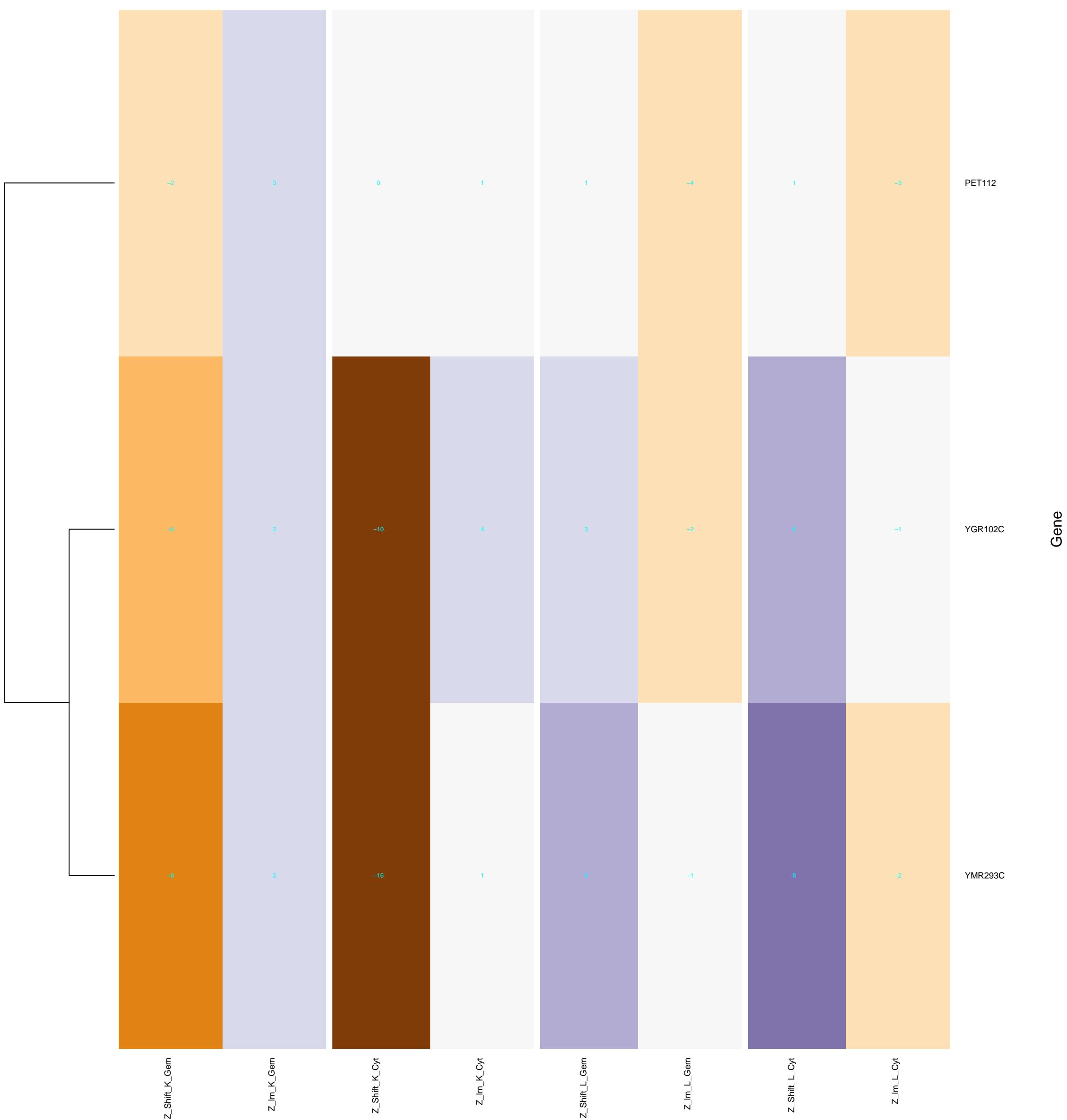
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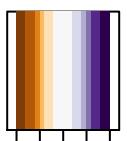
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Value

glutaminyl-tRNAGln biosynthesis via transamidation



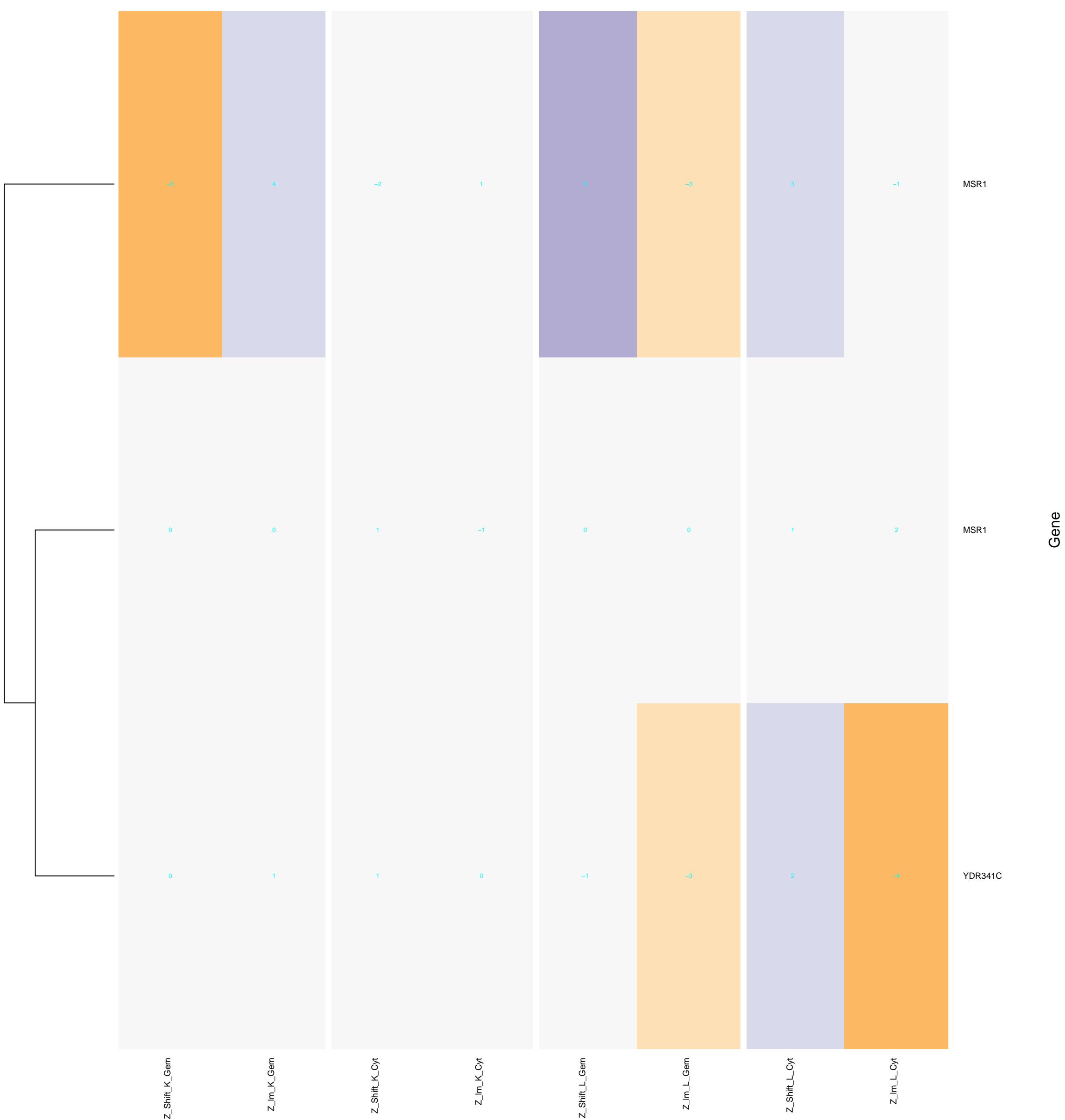
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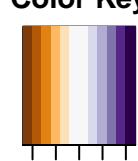
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Value

arginyl-tRNA aminoacylation



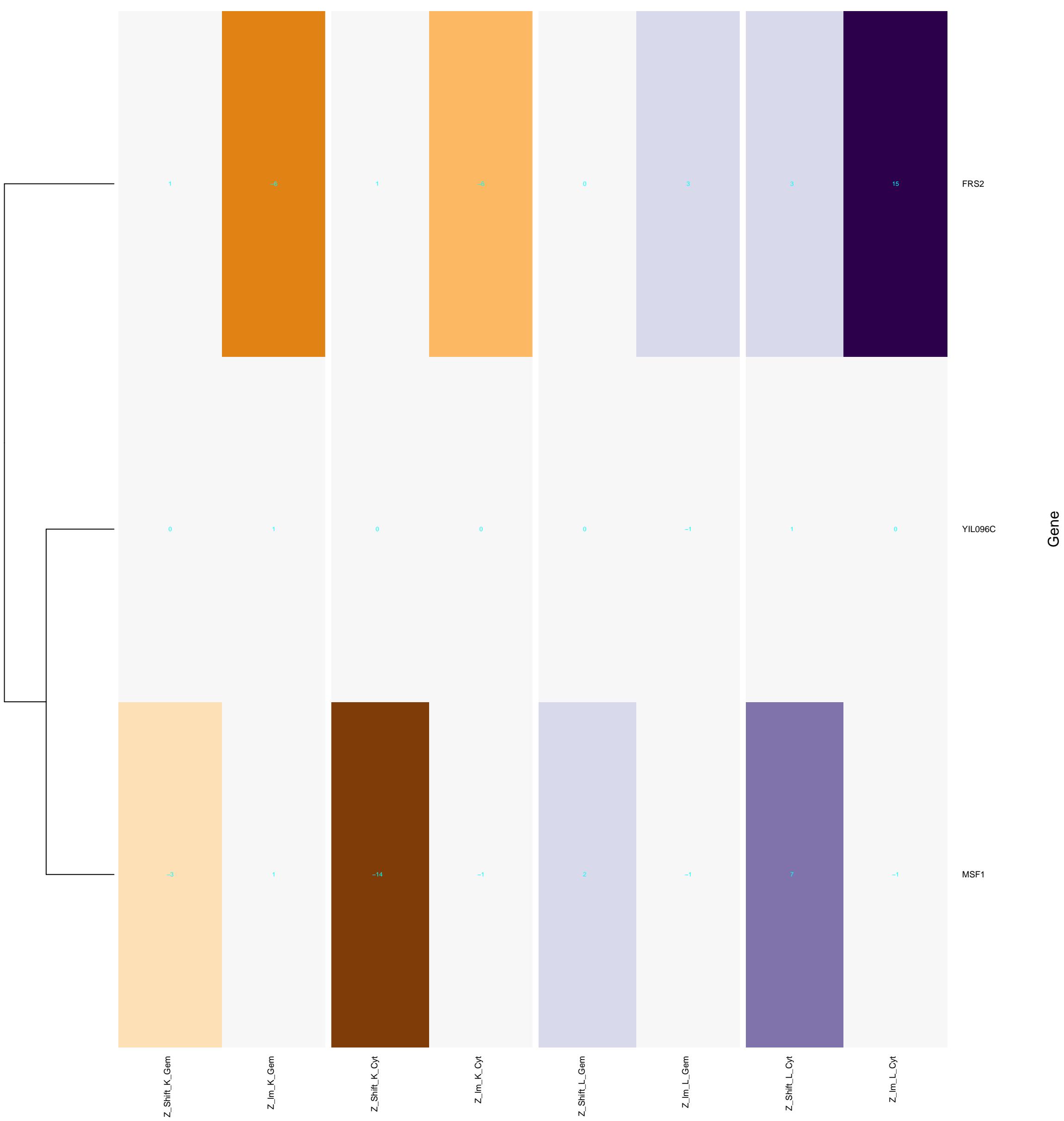
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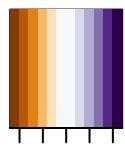
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Value

phenylalanyl-tRNA aminoacylation



Color Key



tRNA aminoacylation for mitochondrial protein translation

