

Figure S1. Expression of tRNA^{Chimera}_{UUG} and derivatives. A) Total tRNA purified from wild-type cells expressing tRNA^{Chimera}_{UUG} or derivatives (lanes 1-6) was run on a 3% agarose gel. B) Quantitative expression analysis of tRNA^{Chimera}_{UUG} and derivatives was carried out using the StepOne Software v2.0 (Applied Biosystems). Relative Quantitation (RQ) of chimeric tRNAs was done by normalizing to the expression of native tRNA^{Lys}_{mnm5s2UUU} (see Materials and Methods).