Combinatorial analysis of loop nucleotides in human mitochondrial tRNA$^{\text{Leu(UUR)}}$

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Supporting information

Figure S1. Migration patterns of hs mt tRNA$^{\text{Leu(UUR)}}$ (WT) and selected library variants (sequences 2, 4, 5, 8, 9, and 11). A. Native PAGE. B. Denaturing PAGE. M = 100 bp DNA ladder.

Figure S2. Migration patterns of tRNAs as monitored by native PAGE. For all tRNA samples in A and B no difference in migration was observed on denaturing PAGE (data not shown). A. Migration of hybrid tRNA$^{\text{Leu}}$ constructs. Sequences 31, 31-AC and 21 migrate faster than WT hs mt tRNA$^{\text{Leu(UUR)}}$, while migration of constructs 21-AC, 21-D, 21-T and 21-DT is the same as of WT. B. Migration of selected library variants (sequences 12, 14, 15, 16, 17, 19, 20 and 21). WT = hs mt tRNA$^{\text{Leu(UUR)}}$, M = 100 bp DNA ladder.
Figure S1
Figure S2