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*Cover Illustration: Structure of endoribonuclease P (RNase P) in complex with pre-tRNA^{His-Ser} (PDB id: 8CBK; Meynier V, Hardwick SW, Catala M, Roske JJ, Oerum S, Chirgadze DY, Barraud P, Yue WW, Luisi BF, Tisné C. 2024. Structural basis for human mitochondrial tRNA maturation. Nat Commun **15**: 4683). The structure reveals the first step of human mitochondrial tRNA maturation by RNase P, processing the 5'-leader of pre-tRNA. The RNA is depicted by a red ribbon, with bases and Watson-Crick base pairs represented as color-coded blocks: A/A-U in red, C/C-G in yellow, G/G-C in green, U/U-A in cyan; the protein assembly is shown by the gold ribbons. Cover image provided by X3DNA-DSSR, an NIGMS National Resource for structural bioinformatics of nucleic acids (R24GM153869; skmatics.x3dna.org). Image generated using DSSR and PyMOL (Lu XJ. 2020. Nucleic Acids Res **48**: e74).*

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