

RNA

A PUBLICATION OF THE RNA SOCIETY

VOL. 22, NO. 9



SEPTEMBER 2016

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Cover Illustration: Crystal structure of nondiscriminating aspartyl-tRNA synthetase from *Pseudomonas aeruginosa* complexed with tRNA^{Asn} and aspartic acid (Protein Data Bank code: 4wj4; Suzuki T, Nakamura A, Kato K, Söll D, Tanaka I, Sheppard K, Yao M. 2015. Structure of the *Pseudomonas aeruginosa* transamidosome reveals unique aspects of bacterial tRNA-dependent asparagine biosynthesis. *Proc Natl Acad Sci* 112: 382–387). Image details show RNA—ribbon-plate representation, chain-specific coloring, rosy brown and thistle; protein—spacefilling representation, chain-specific coloring, ocher and pale green; aspartic acid not shown. The image was generated with the Discovery Studio Visualizer. Cover image provided by the Jena Library of Biological Macromolecules—JenaLib (jenalib.leibniz-fli.de).

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