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Cover Illustration: Crystal structure of an Xrn1-resistant RNA from the 3' untranslated region of a flavivirus (Murray Valley Encephalitis Virus) (Protein Data Bank code: 4pqv; Chapman EG, Costantino DA, Rabe JL, Moon SL, Wilusz J, Nix JC, Kieft JS. 2014. The structural basis of pathogenic subgenomic flavivirus RNA (sfRNA) production. *Science* **344**: 307–310). Image details show RNA—ribbon-plate representation, blue; Mg²⁺ ions—spacefilling representation, green. The image was generated with the Discovery Studio Visualizer. Cover image provided by the Jena Library of Biological Macromolecules—JenaLib (jenalib.fli-leibniz.de).

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