

RNA

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Cover Illustration: Trypanosomal RNA editosome (PDB id 8FNC; Liu S, Wang H, Li X, Zhang F, Lee JKJ, Li Z, Yu C, Hu JJ, Zhao X, Suematsu T, et al. 2023. Structural basis of gRNA stabilization and mRNA recognition in trypanosomal RNA editing. *Science* **381**: eadg4725). The trypanosome editosome, composed of an RNA-editing substrate-binding complex and an RNA-editing catalytic complex, orchestrates guide RNA-programmed editing to recode cryptic mitochondrial transcripts into messenger RNAs. Guide RNA (right) and messenger RNA (left/center) chains are displayed in NDB colors: A—red, G—green, U—cyan; proteins are displayed as ribbons. Cover image provided by the Nucleic Acid Knowledgebase (nakb.org). Image created using Mol* (Sehna D, Bittrich S, Deshpande M, Svobodová R, Berka K, Bazgier V, Velankar S, Burley SK, Koča J, Rose AS. 2021. *Nucleic Acids Res* **49**: W431–W437).

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