

RNA

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Cover Illustration: Structure of yeast pentatricopeptide repeat protein Rmd9p in complex with target RNA (PDB id: 7A9W; Hillen HS, Markov DA, Wojtas ID, Hofmann KB, Lidschreiber M, Cowan AT, Jones JL, Temiakov D, Cramer P, Anikin M. 2021. The pentatricopeptide repeat protein Rmd9 recognizes the dodecameric element in the 3'-UTRs of yeast mitochondrial mRNAs. Proc Natl Acad Sci 118: e2009329118). S. cerevisiae pentatricopeptide repeat protein Rmd9 associates with mitochondrial mRNA around dodecamer sequence elements, conferring stability to the mRNA. RNA backbone is displayed as a red ribbon; block bases use NDB colors: A—red, C—yellow, U—cyan; protein is displayed as a gold ribbon. Cover image provided by the Nucleic Acid Database (ndbserver.rutgers.edu). Image generated using DSSR and PyMOL (Lu XJ. 2020. Nucleic Acids Res 48: e74).

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