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(*continued*)

Cover Illustration: Aprataxin RNA–DNA deadenylase product complex (PDB id: 6cvo; Tumbale P, Schellenberg MJ, Mueller GA, Fairweather E, Watson M, Little JN, Krahn J, Waddell I, London RE, Williams RS. 2018. Mechanism of APTX nicked DNA sensing and pleiotropic inactivation in neurodegenerative disease. EMBO J ***37:*** *e98875). Human aprataxin RNA–DNA deadenylase protects genome integrity and corrects abortive DNA ligation arising during ribonucleotide excision repair and base excision DNA repair. DNA backbone is displayed as a blue ribbon; RNA (single base at nick site) with a red ribbon; block bases use NDB colors: A—red, C—yellow, G—green, U—cyan; T—blue; zinc and AMP ligand atoms are shown as spheres; Aprataxin enzyme is shown as a gold ribbon. The image was generated using 3DNA/blocview and PyMol software. Cover image provided by the Nucleic Acid Database (ndbserver.rutgers.edu).*

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