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Cover Illustration: Crystal structure of the *Archaeoglobus fulgidus* Piwi protein bound to double-stranded RNA (Protein Data Bank code: 1ytu; protein: ribbon representation, coloring according to secondary structure; RNA: stick representation, chain-specific coloring, transparent surface). The image was generated with the Accelrys Discovery Studio Visualizer. Cover image provided by the Jena Library of Biological Macromolecules (JenaLib) (www.fli-leibniz.de/IMAGE.html).

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