

Letter to the Editor

¹H, ¹³C and ¹⁵N resonance assignments of the 2'-5' RNA ligase-like protein from *Pyrococcus furiosus*

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We have been working on RNA metabolism in the *Pyrococcus furiosus* and isolated several RNA-binding proteins by expression cloning method (Kanai et al., 2003). In the present study, NMR analysis of a protein PF0027 (184 residues), which was cloned as a protein changing the gel mobility of RNase T1 digested oligoribonucleotides, was performed (to be published elsewhere). Based on the sequence homology, we hereafter call PF0027 as a 2'-5' RNA ligase-like protein. Using the standard triple-resonance assignment methodology, backbone assignments could be made for almost all residues (except for ¹⁵N of Ile¹⁰⁰, ¹⁵N and ¹³C α of Ser¹⁰, ¹³CO of Arg², Gly⁷⁹ and Ile¹⁰⁰). The side chain assignments were assessed to be complete with the exception of overlapped regions. BMRB deposits with the Accession No. 10004.

Reference: Kanai et al. (2003) *J. Biochem.*, **372**, 253–261.

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