

Letter to the Editor

Assignment of ^1H , ^{13}C , and ^{15}N resonances for the PilP pilot protein from *Neisseria meningitidis*

DOI 10.1007/s10858-006-9054-5

PilP is a pilot protein which interacts with the outer membrane secretin protein PilQ; it is essential for correct formation of pili in pathogenic bacteria (Drake et al., 1997). Over 40 PilP sequence homologues have been identified in Gram-negative bacteria but they do not share any significant sequence homology with the structure of the only other pilot protein whose structure is known—MxiM from *Shigella flexneria* (Lario et al., 2005). Here we report the 97% complete sequence-specific NMR resonance assignment for PilP (residues 69–181) from *Neisseria meningitidis*, the causative agent of meningococcal meningitis. PilP adopts a mainly β -structure, as determined by CSI analysis. BMRB accession number 7209.

References: Drake et al. (1997) *Mol. Microbiol.*, **23**, 657–668; Lario et al. (2005) *EMBO J.*, **24**, 1111–1121.

Alexander P. Golovanov^{a,*}, Seetha Balasingham^b, Christos Tzitzilonis^a, Benjamin T. Goult^a, Lu-Yun Lian^b, Håvard Homberset^b, Tone Tønjum^b & Jeremy P. Derrick^{a,*}

^aFaculty of Life Sciences and Manchester Interdisciplinary Biocentre, The University of Manchester, 131 Princess Street, Manchester, M1 7DN, UK; ^bCentre for Molecular Biology and Neuroscience and Institute of Microbiology, Rikshospitalet-Radiumhospitalet Medical Centre, Oslo, Norway

*To whom correspondence should be addressed. E-mail: A.Golovanov@manchester.ac.uk, Jeremy.Derrick@manchester.ac.uk

Supplementary material to this paper is available in electronic format at <http://dx.doi.org/10.1007/s10858-006-9054-5>.