

## Letter to the Editor

### Sequence specific resonance assignment of a hypothetical protein PA0128 from *Pseudomonas aeruginosa*

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Protein PA0128 (NESG ID: PaT1) is predicted to be a *phnA* like uncharacterized Zn ribbon-containing protein that would take part in organophosphonate metabolism that enables *Pseudomonas aeruginosa* to utilize a wide range of organic compounds as food sources. The complete assignments were achieved using standard experiments. The assignments of all prolines (Pro6, Pro7, Pro9, Pro26 & Pro34) were achieved from (H)CBCA(CO)N (Kanelis et al., 2000) experiment. The following chemical shifts were not assigned: His30H<sup>δ2</sup>, Trp32H<sup>ε2</sup>, His92H<sup>δ2</sup>, Ile94H<sup>γ13</sup>, Ser108 H<sup>N</sup>, Phe110H<sup>ζ</sup> & Lys113H<sup>δ</sup>. All together 98.7% of assignment was completed and deposited in BMRB (entry id. 6766). Dynamical and Residual Dipolar Coupling studies reveal that PA0128 has a long flexible loop connecting N- and C-terminal domains. CSI prediction reveals PA0128 is an all  $\beta$ -sheet protein.

Reference: Kanelis et al. (2000) *J. Biomol. NMR*, **16**, 253–259.

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**Supplementary material** is available in electronic format at <http://dx.doi.org/10.1007/s10858-006-0011-0>