

ADDENDUM

Note to the Paper by Guasch *et al.* (2002) Detailed Architecture of a DNA Translocating Machine: The High-resolution Structure of the Bacteriophage ϕ 29 Connector Particle

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The recent paper by Guasch *et al.*¹ describing the structure of the ϕ 29 bacteriophage head–tail connector at 2.1 Å resolution (PDB code 1h5w), makes reference to the original 3.2 Å resolution structure (PDB code 1fou) published by Simpson *et al.*² and used by Guasch *et al.* to solve the 1h5w structure by molecular replacement. The Guasch paper states that there are marked differences between the 1h5w and 1fou structures in the chain tracing and the side-chain positioning in the wide domain. As these and a number of other statements in the Guasch paper may have led to the impression that these differences are larger than they really are, we give here Tables summarizing the similarities and differences (Tables 1 and 2).

Another paper by Simpson *et al.*,³ which was accidentally omitted from the text of the Guasch *et al.* paper, reports two additional structures of the ϕ 29 connector: at 3.2 Å resolution and at 2.9 Å resolution (PDB codes 1jnb and 1ijg, respectively).

The 2.9 Å resolution structure shows no significant differences from the structure subsequently reported by Guasch *et al.* (Figure 1; Tables 1 and 2).

References

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2. Simpson, A. A., Tao, Y., Leiman, P. G., Badasso, M. O., He, Y., Jardine, P. J. *et al.* (2000). Structure of the bacteriophage ϕ 29 DNA packaging motor. *Nature*, **408**, 745–750.
3. Simpson, A. A., Leiman, P. G., Tao, Y., He, Y., Badasso, M. O., Jardine, P. J. *et al.* (2001). Structure determination of the head–tail connector of bacteriophage ϕ 29. *Acta Crystallog. sect. D*, **57**, 1260–1269.

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