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- **Cover illustration:** Schematic view of the three-dimensional structure of the final model for ph-SBP (sugar-binding protein from *Pyrococcus horikoshii*). Secondary structure elements (red cylinders : helices; yellow arrows : sheets) were identified by DSSP analysis. For further information, see Marabotti et al. (2004) *Biochem. J.* **380**, 677–684.