

## Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Overall structure of the flexible tail tube of bacteriophage SPP1. One subunit is highlighted in pink. Subsequently, its secondary structure elements are rainbow-coloured. The loop (40-59) and the C-arm (143-176) are displayed. The hexameric architecture of the tail tube is emphasised by highlighting certain subunits in pink and turquoise. The solid-state NMR restraints and cryo-EM map for the hybrid structure calculation are visualized. The inner  $\beta$ -barrel that forms the lumen of the tube is visualized.

File Name: Supplementary Movie 2

Description: Bending of the flexible tail tube of bacteriophage SPP1. One subunit is highlighted in pink. The bending process is mediated by stretching of certain linker regions as opposed to compression.