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The application of X-ray crystallography and site-directed mutagenesis to the study of protein structures

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Citation

Thomassen, E. A. J. (2005, April 28). *The application of X-ray crystallography and site-directed mutagenesis to the study of protein structures*. Retrieved from <https://hdl.handle.net/1887/834>

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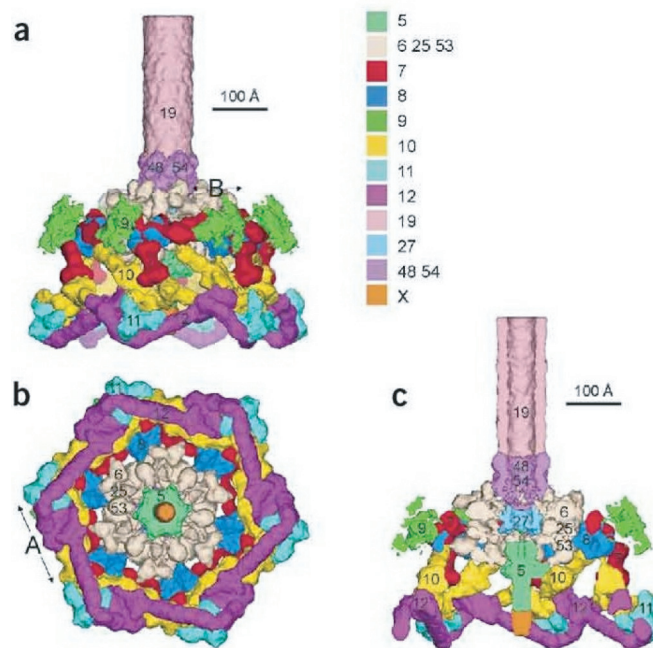


Figure 1.10. Structure of the baseplate tail tube complex. a-c) The baseplate and proximal part of the tail. Colours identify proteins labelled with their corresponding gene number. Unidentified protein X at the tip of gp5. a) Side view. b) End-on view. c) Cross-section. Picture from ref [70] chapter 1.

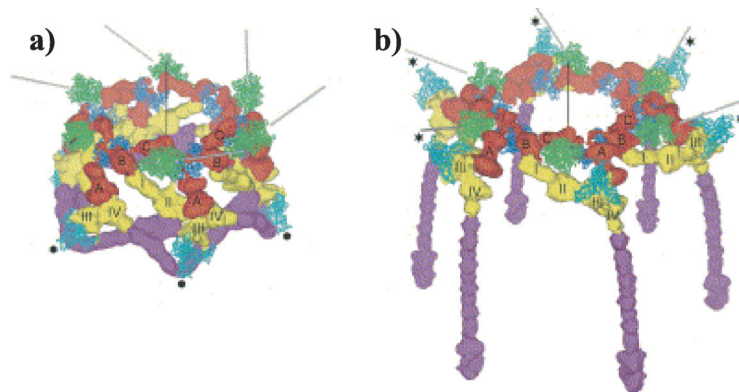


Figure 1.12. Image analysis of a) Normal/hexagonal-form and b) contracted/star-form of T4 baseplate. Different colours identify different proteins as in figure 1.10; gp7 (red), gp8 (blue), gp9 (green), gp10 (yellow), gp11 (cyan) and gp12 (magenta). Directions of the long tail fibres are indicated with grey rods. Picture from ref [88] chapter 1.