

Figure 1A. Purification of gp4 P22 particles and micrograph. Top left: Sucrose gradients of particles from a gp4 minus infection. Empty heads (ExH) sediment higher on the gradient owing to the absence of scaffolding protein or packaged DNA. PC= procapsid. Top right: an agarose gel of the fractions for the gradient. The red boxes indicate the approximate fractions collected and concentrated for the cryo micrograph on the bottom left. Cyan arrows indicate ExH and orange arrows indicate PC. On the bottom right are magnified particles showing the circle feature, which we think is likely TerL.

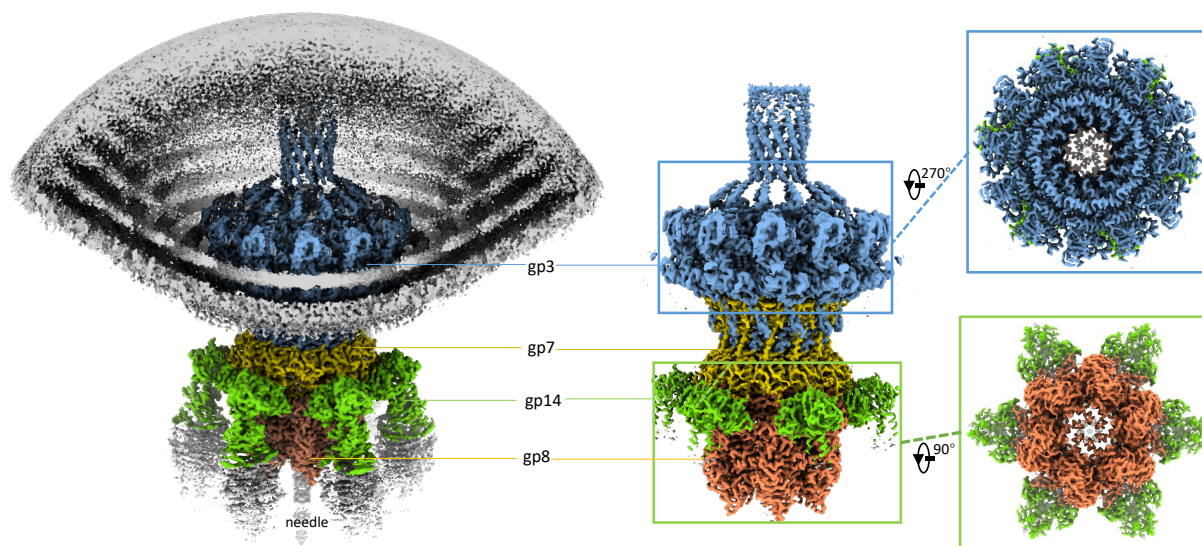


Figure 1b. Localized reconstruction of the bacteriophage Sf6 unique vertex visualized the structure of the portal protein in situ at 2.8 resolution. Cryo-EM data were collected at NCI/Fredericks