



Icosahedral reconstruction of PCs from phage-infected cells at a resolution of 4.2 Å (high scaffolding protein concentrations, ~300 scaffolding proteins/PC). From biochemical experiments, around 60 scaffolding proteins are essential for assembly and the rest are bound loosely, likely through cooperative interactions with other scaffolding proteins. The magenta structures are the P22 scaffolding protein coat-binding domain. Internal density from SP has been removed to visualize the HTHs. Cyan symbols: hexagon for center of hexons, the pentagons for the center of the pentons, and triangles for the three-fold axis of symmetry.