

## HIV Capsid

HIV also uses quasisymmetry to build a very large capsid to enclose its two strands of genomic RNA. As with the icosahedral viruses, the capsid protein forms pentamers and hexamers. However, these associate to form an irregular cone-shaped capsid, as shown here from PDB entry **3j3q**.

To build the paper model, cut out the three pieces, tape them together by lining up the letters on the edges, then fold and tape the model into the cone-shaped capsid.









