



Supplementary information, Fig. S1. Single-particle cryo-EM analysis of the HWVZ complex. **a** Representative motion-corrected cryo-EM micrograph. **b** Reference-free 2D class averages. **c** Workflow of the data processing. **d** Gold standard FSC plots calculated in cryoSPARC. **e** Euler angle distribution of the particle images. **f** Resolution map for the final 3D reconstruction.