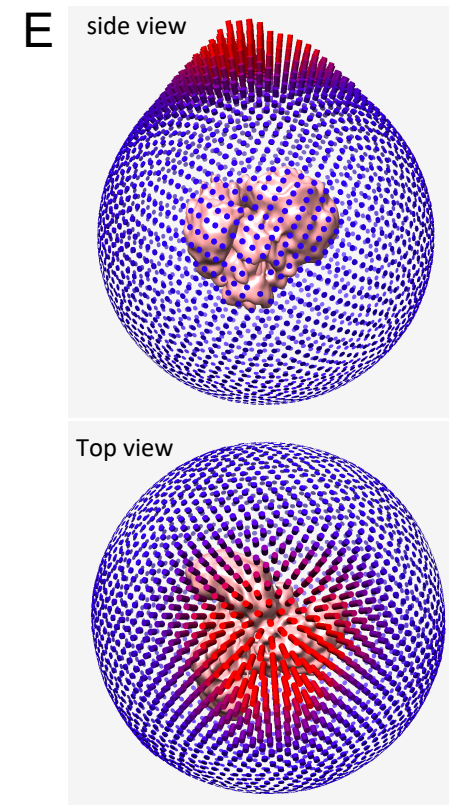


D

Microscope	Talos Arctica
Camera	K2
Voltage(kV)	200
Magnification	130,000
Pixel size (Å)	1.04
Electron dose ($e^-/\text{Å}^2/\text{s}$)	5.430
Defocus range(μm)	-1.5 to -3.0
No of Images	1477 micrographs



Current Resolution after refinement is ~ 8 Å

Figure 1: Preliminary cryoEM data. (A) Representative cryoEM micrograph showing homogenous particle distribution of the LRH-1-SHP-EID1 complex on DNA. (B) Power spectrum after CTF correction showing the estimated resolution of ~ 3.5 Å. (C) Representative reference-free 2D class averages. (D) Data collection details. (E) Euler angle distribution of the 3D reconstructed model from 90,000 particles showing the preferred orientation of particles.