



Figure 1. Preliminary structural characterization of the RhoBTB1/Cullin-3 complex.

A. Schematic showing RhoBTB1 purification. The complex is highly pure based on SDS-PAGE analysis and shows a monodisperse dimeric complex, as judged by mass photometry.

B. Representative micrograph of a RhoBTB1/Cullin-3 grid.

C. 2D class averages of the RhoBTB1/Cullin-3 complex.

D. Preliminary 3D model of the RhoBTB1/Cullin-3 heterodimer, including an angular distribution plot from cryoSPARC.

E-F. Preliminary 3D models of two tetrameric assemblies in the dataset. A comparison of the tetramerization interface is highlighted in **F**.