

Figure 1. Representative cryo-micrograph of the Kap β 2:RanGTP:GR20 complex collected in house. (A) Representative dose-weighted micrographs of the Kap β 2:RanGTP:GR20 complex vitrified at 2 mg/ml on a Cu 1.2/1.3 grid. The micrograph was collected on a Glacios 4 equipped with Falcon4i detector. (B) Representative particle picking using cryoSPARC.

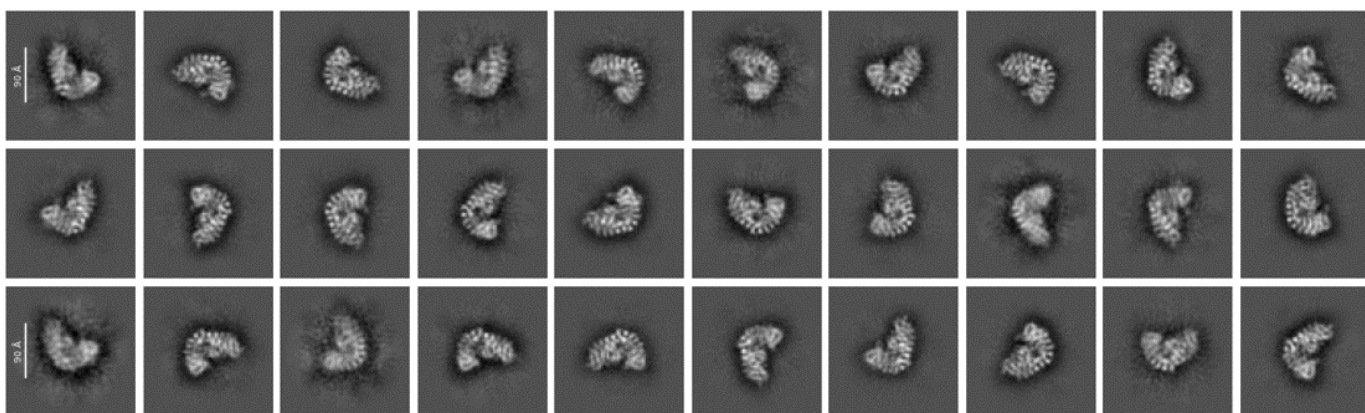


Figure 2. Representative 2D class averages of the Kap β 2:RanGTP:GR20 complex computed using cryoSPARC. Unfortunately, the vast majority of classes are 'C' shaped side views.

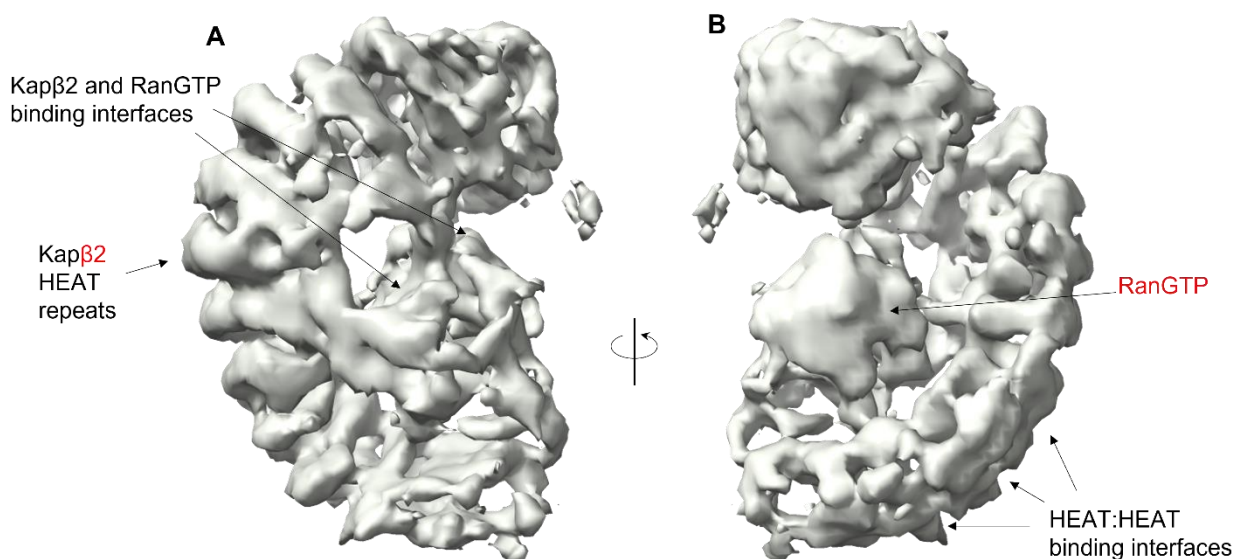


Figure 3. Representative 3D density of the Kap β 2:RanGTP:GR20 complex. (A) Representative 3D density computed at ~ 5 Å resolution using cryoSPARC. (B) 180° rotated view reveals a globular density consistent with the ~ 25 kDa RanGTP. DPRs are likely bound at the HEAT:HEAT interfaces and at the interface between Kap β 2 and RanGTP, not discernable at the current resolution.