

Figure 1. Expression and purification of sheep STRA6. (**A**) FSEC of mammalian STRA6 orthologs fused with GFP, expressed in HEK293F cells. (**B**) SEC profile of sheep STRA6 reconstituted in lipid nanodisc (**C**) SDS-Page gel of sheep STRA6 purification in DDM/CHS detergent via metal affinity chromatography.

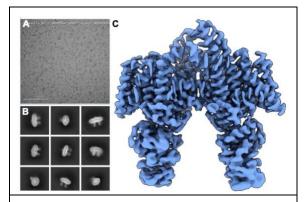


Figure 2: Preliminary cryo-EM data on sheep STRA6. (A) Representative micrograph, and (B) 2D class averages. (C) Density map to 3-4 Å resolution.

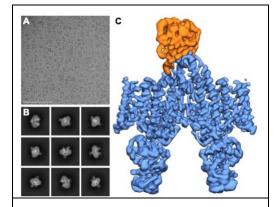


Figure 3: Preliminary cryo-EM data on the RBP-STRA6 complex. (A) Representative micrograph, and (B) 2D class averages. (C) Density map to 3-4Å resolution, regions corresponding to STRA6 and RBP in blue and orange, respectively.