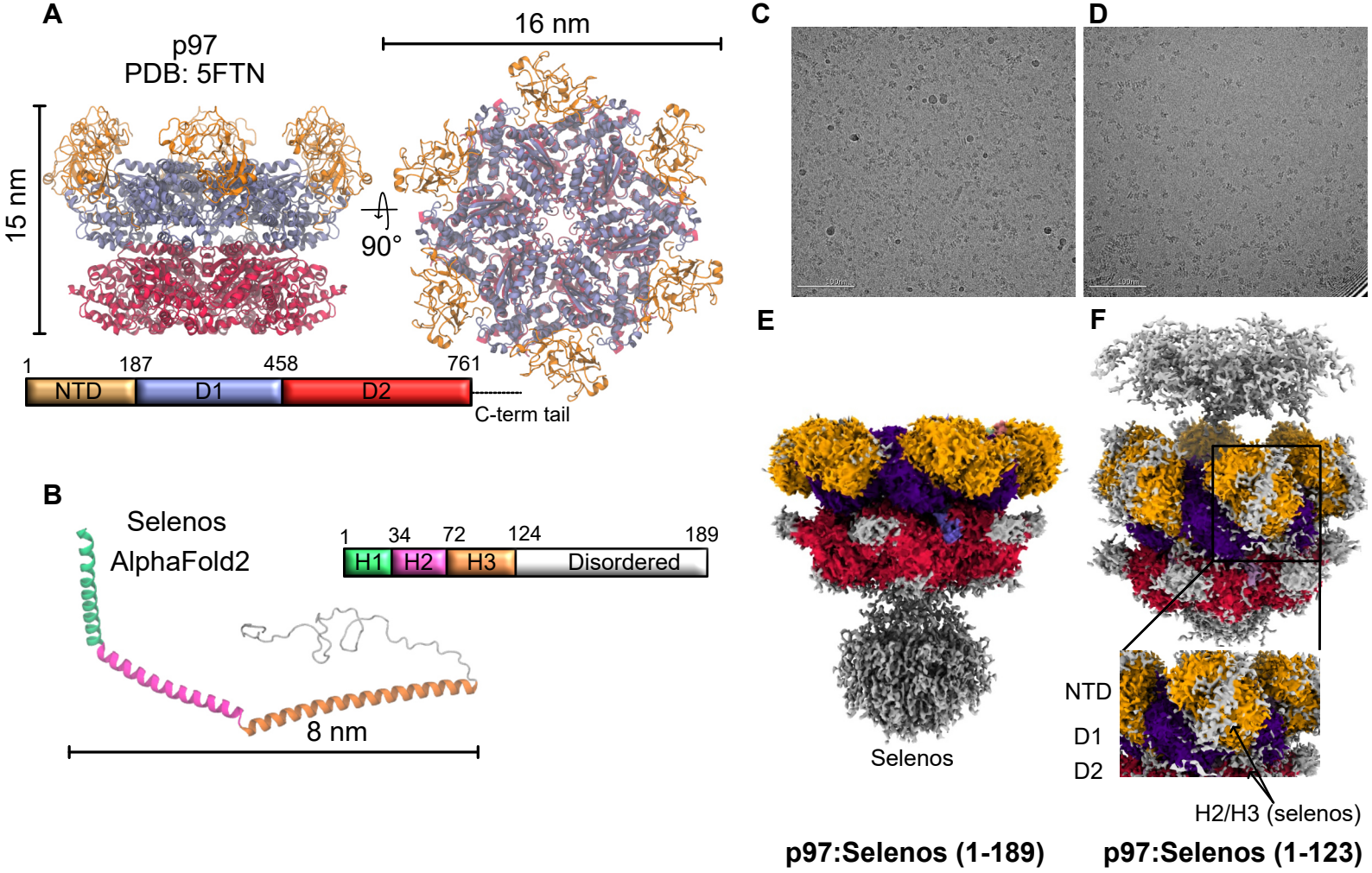

Figure 1. Structural details of selenos and p97 interactions. **A)** p97 is a hexamer (PDB: 5FTN) with three domains. The C-term tail is not resolved in this structure. **B)** AlphaFold2 prediction of selenos as a monomer. The cartoon shows the three -helices and the disordered region (light silver). **C)** Representative micrograph of selenos (1-189)/p97 from Krios collection. **D)** Representative micrograph of selenos (1-123)/p97 from Krios collection. **E)** Reconstruction of selenos (1-189)/p97 bound to ATPγS. The p97 domains are colored and the density corresponding to selenos disordered fragment is labeled. **F)** Reconstruction of selenos (1-123)/p97 bound to ATPγS. The p97 domains are colored and the density corresponding to selenos H2 and H3 is labeled (see arrows).