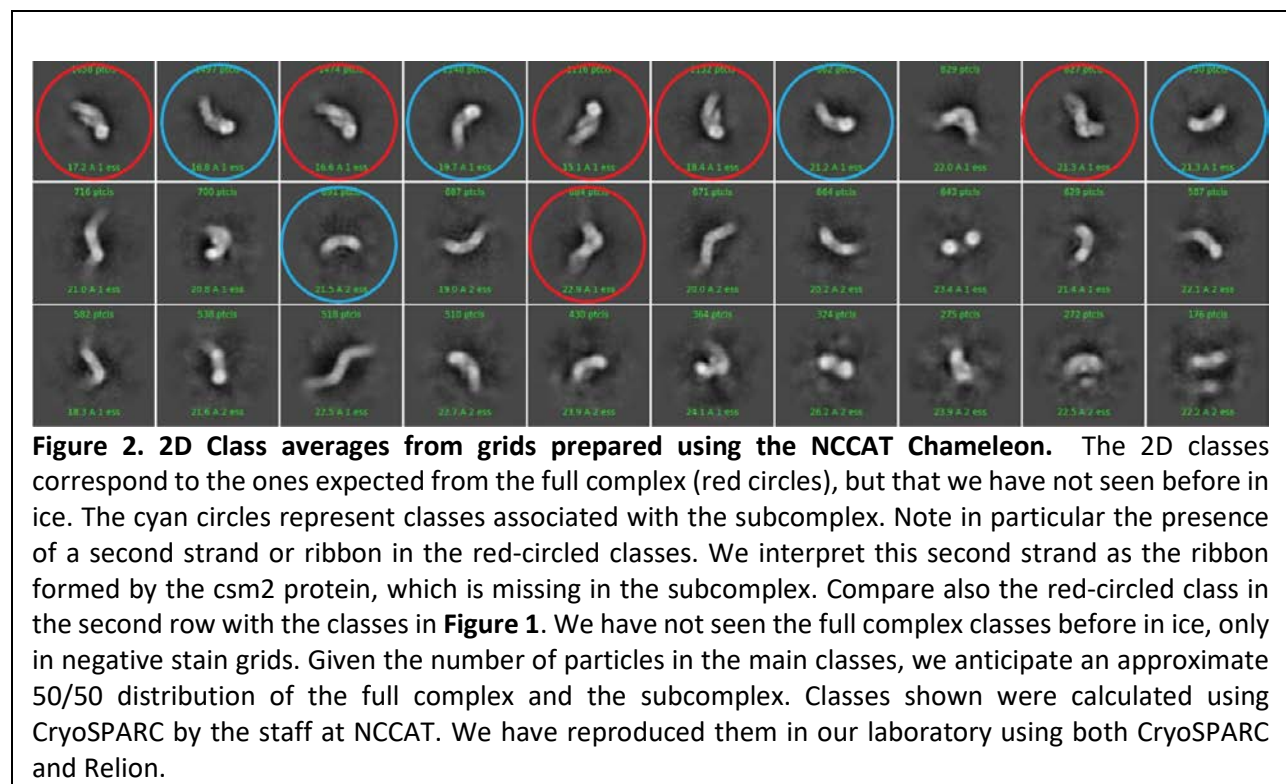
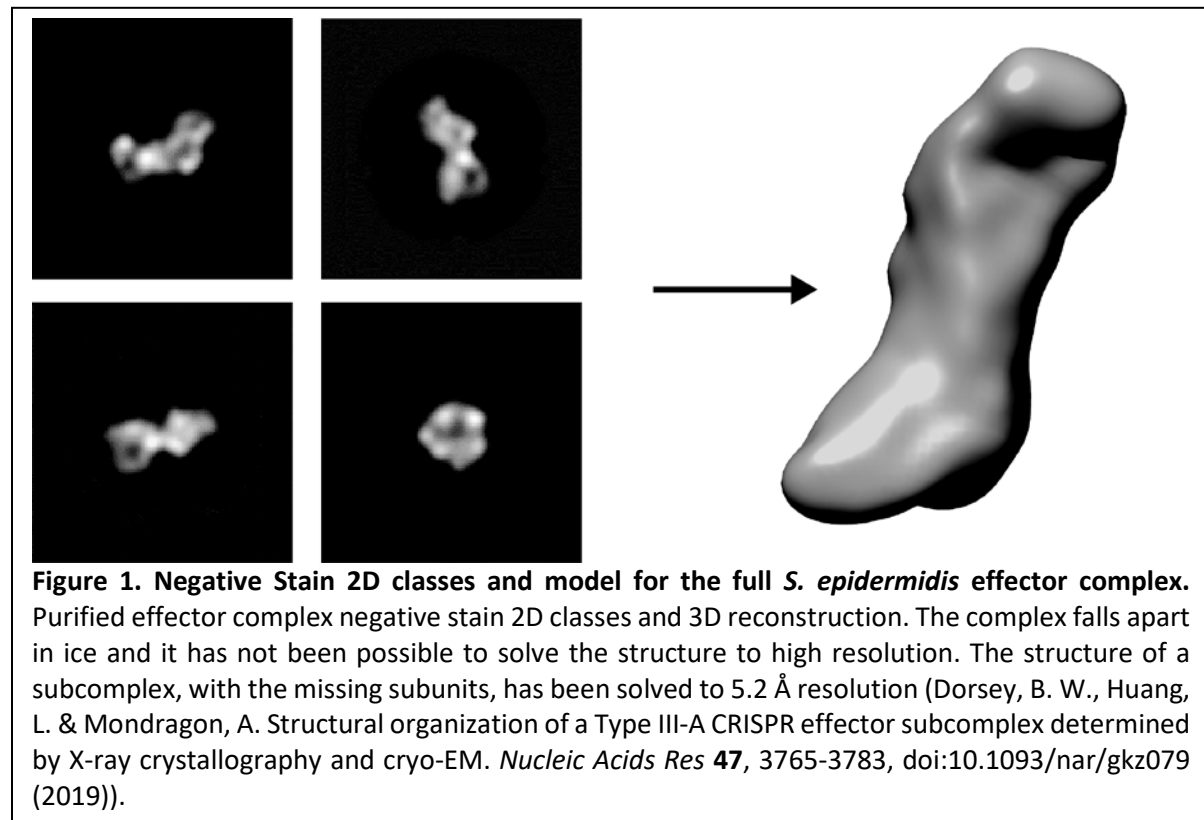
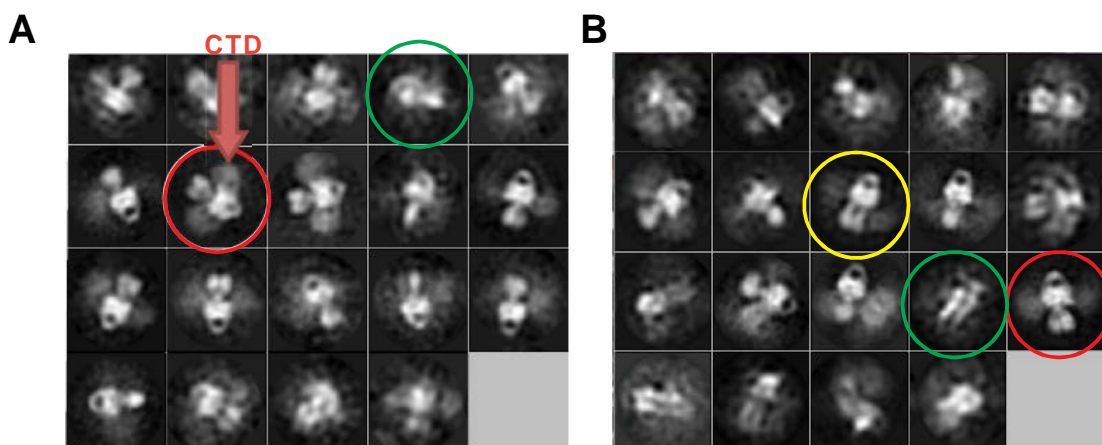


## Figures.





**Figure 3. Complex of gyrase with DNA 2D classification of particles from two small datasets collected by cryo-electron microscopy.** (A) Representative 2D classification from 3,900 particles. (B) 2D classification from 6,660 particle. The particles in the red circles are representative of front views of the enzyme. The particles in green circles are representative of a side view. The particles in the yellow circle highlights an alternate conformation compared to the particles circled in red. The work is a continuation and expansion of previous work in the laboratory (Soczek, K.M., Grant, T., Rosenthal, P.B., Mondragón, A. CryoEM structures of open dimers of gyrase in complex with DNA illuminate mechanism of DNA passage. *eLife* e41215, 2018).