



**Preliminary data. A)** Aligned and dose-weighted micrograph of *Xenopus laevis* nucleosomes in vitreous ice collected on a Titan Krios equipped with a K2 direct electron detector. **B)** Orthogonal views of the  $\sim 3$  Å cryo-EM structure of histones shown in panel A used for complex formation with nucleosome remodeling complexes. **C)** Elevation plot showing multiple views of the complex shown in panels A and B.