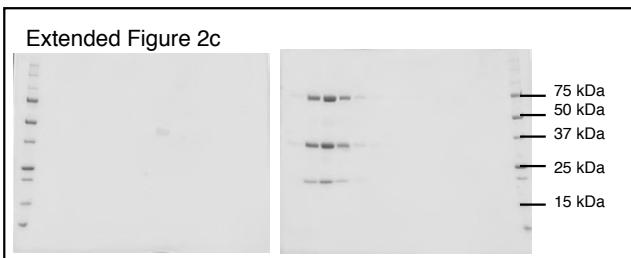
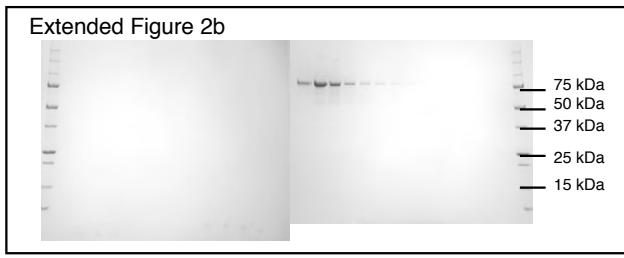
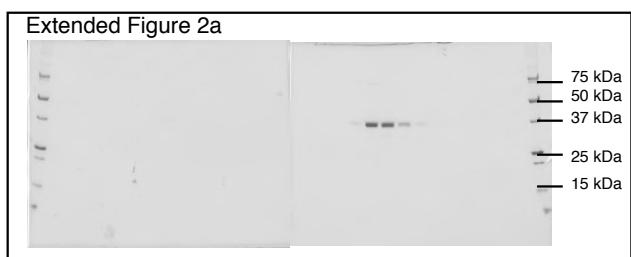
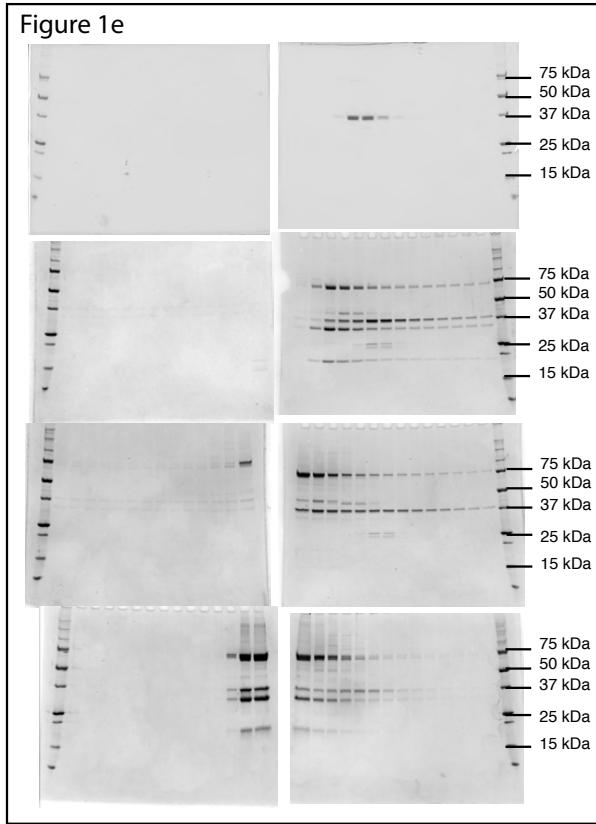
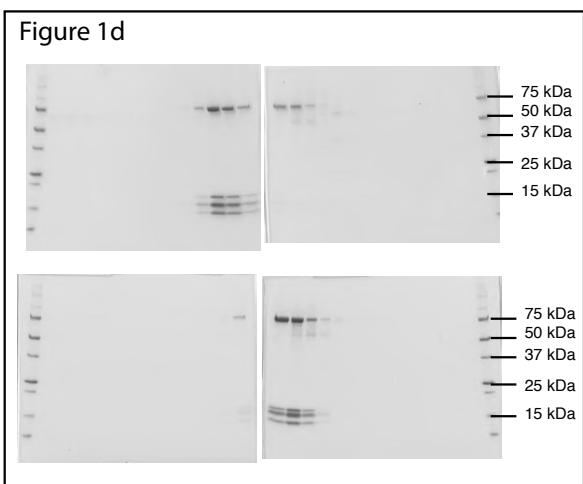
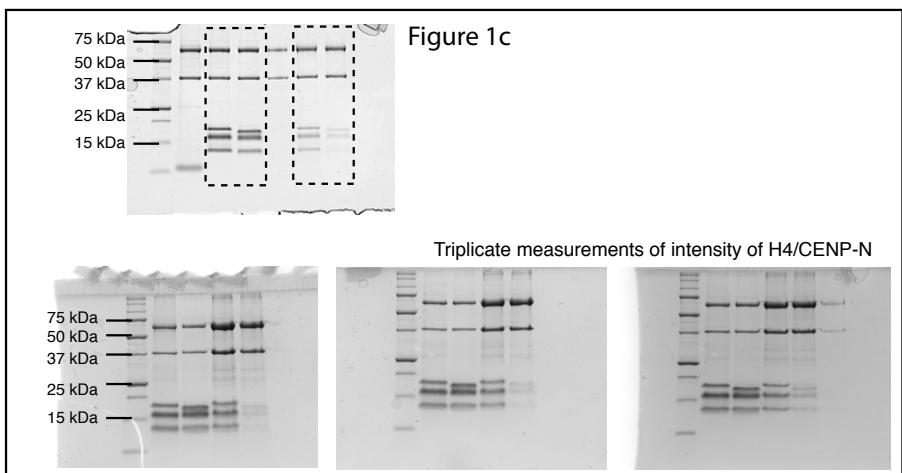
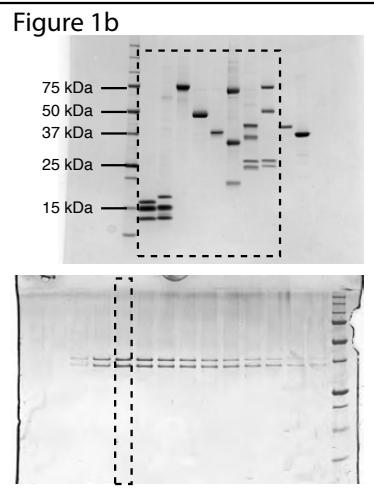


SUPPLEMENTARY INFORMATION

doi:10.1038/nature19333



Extended Figure 2e

75 kDa
50 kDa
37 kDa
25 kDa
15 kDa

145bp
DNA

Extended Figure 2d

75 kDa
50 kDa
37 kDa
25 kDa
15 kDa

Extended Figure 2f

75 kDa
50 kDa
37 kDa
25 kDa
15 kDa

145bp
DNA

Figure 2b

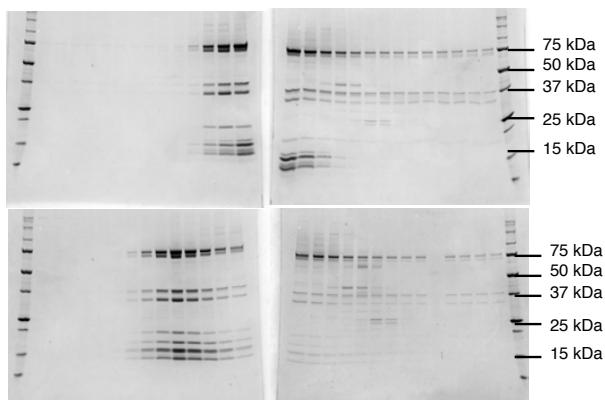


Figure 2b - Westerns

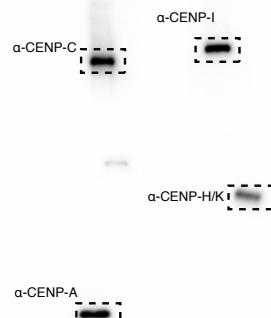


Figure 2a - EMSAs

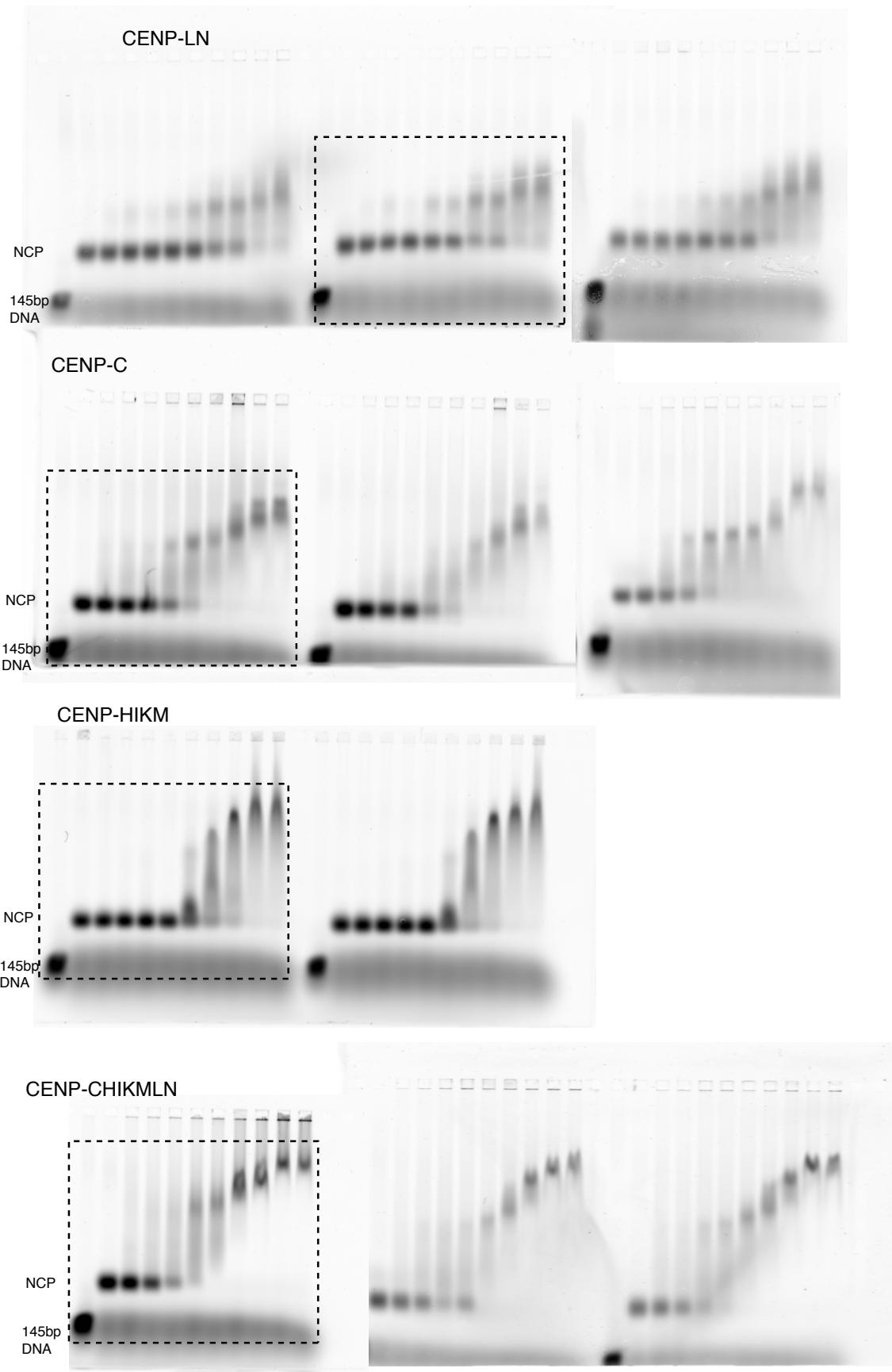
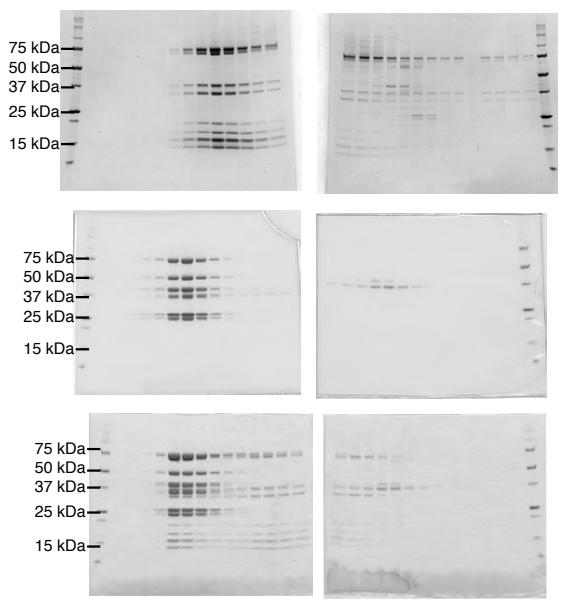
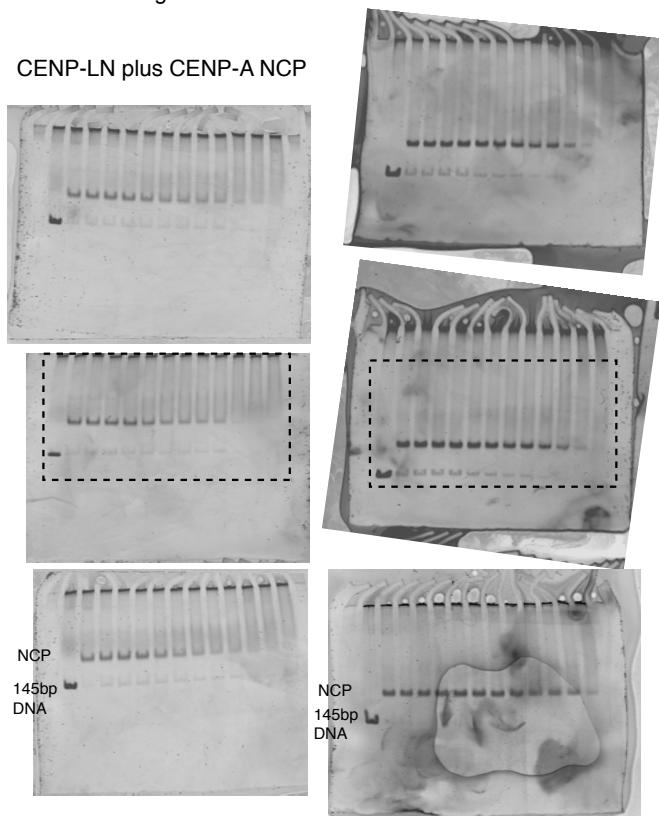
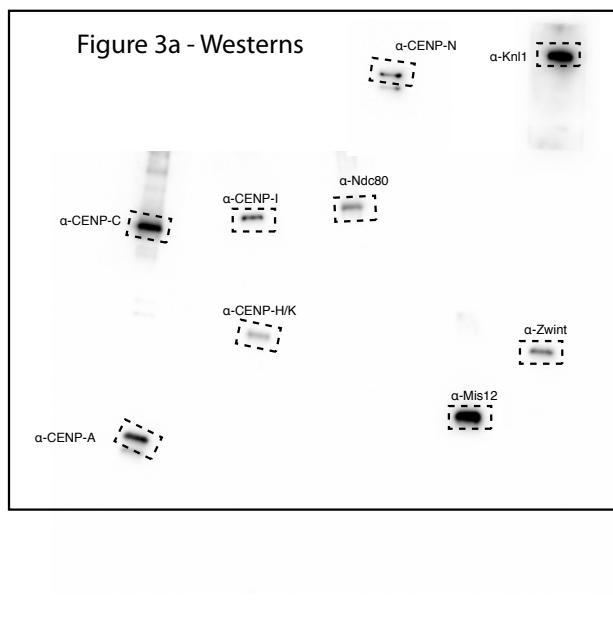
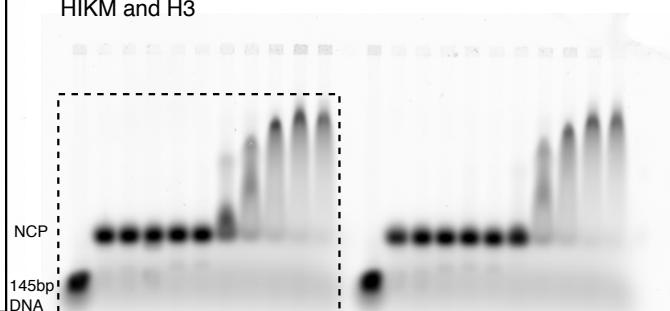
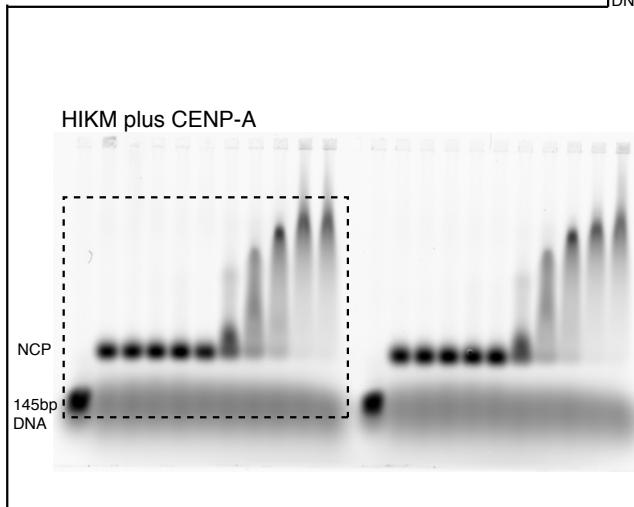


Figure 3a**Extended Figure 3a**

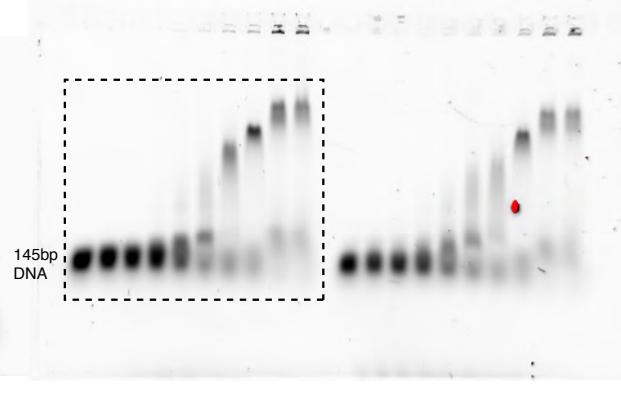
CENP-LN plus H3 NCP

**Figure 3a - Westerns****Extended Figure 3b**

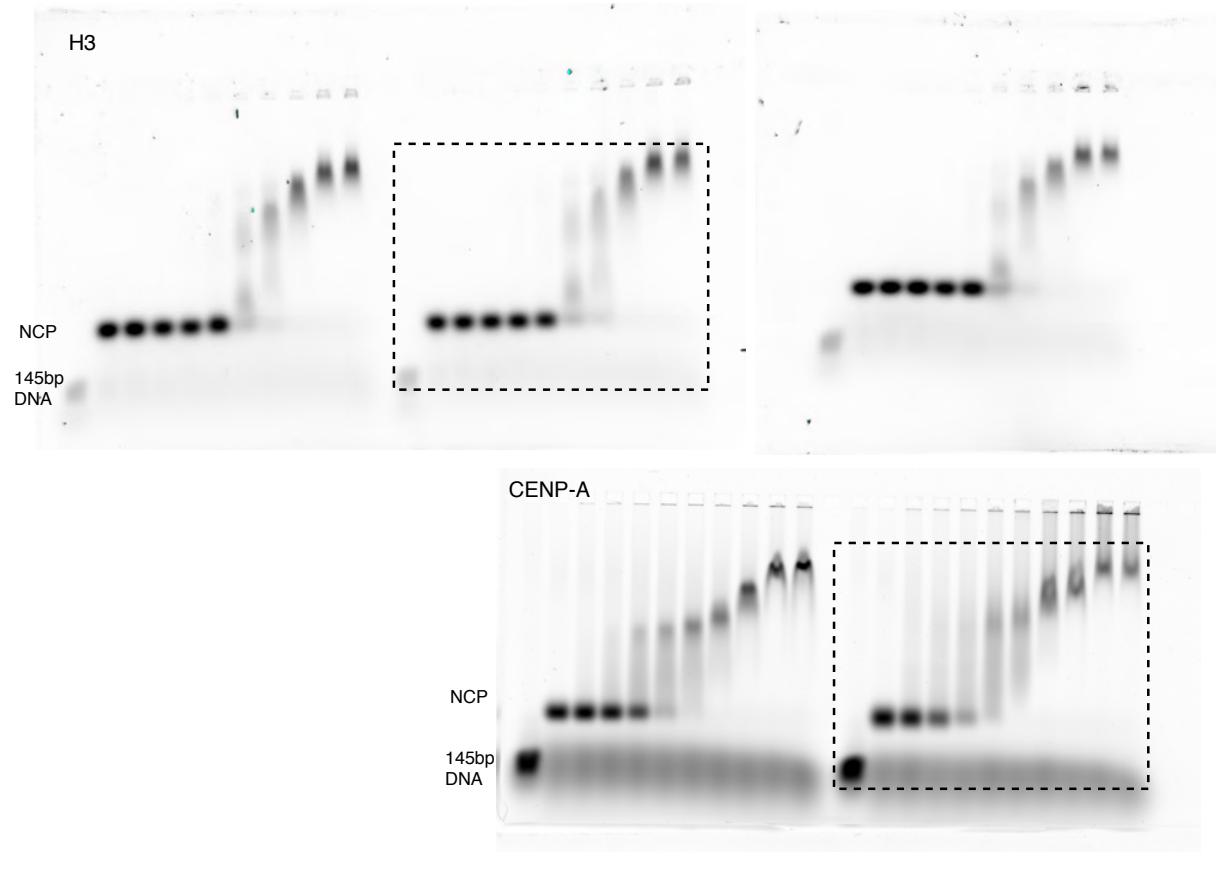
HIKM and H3

**HIKM plus CENP-A**

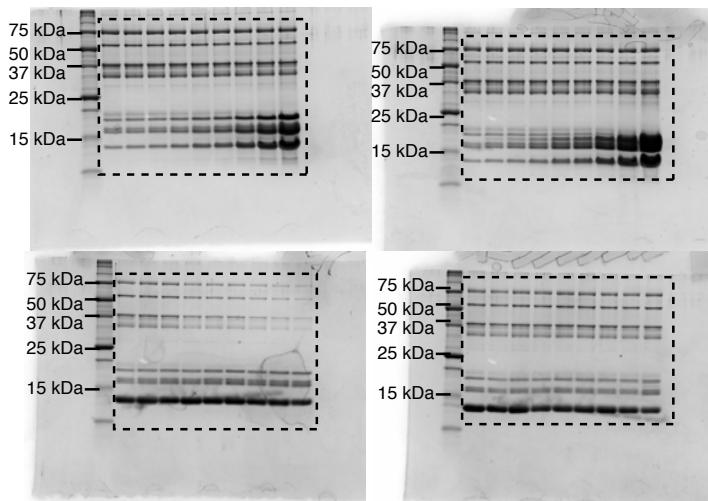
HIKM and DNA



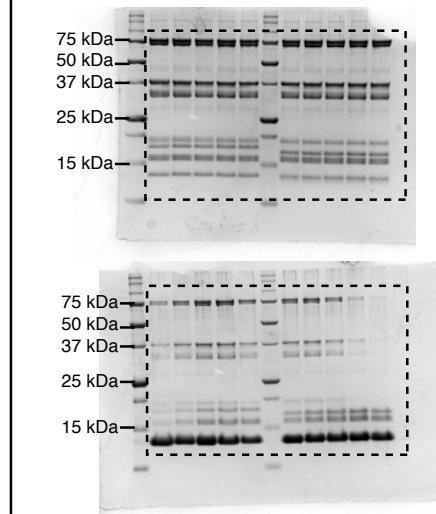
Extended Figure 3c

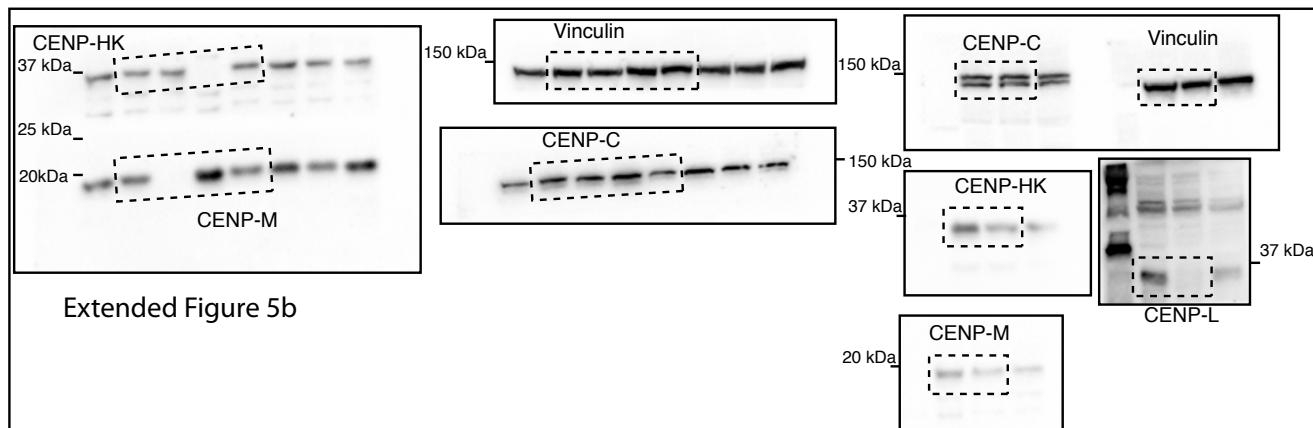


Extended Figure 3d

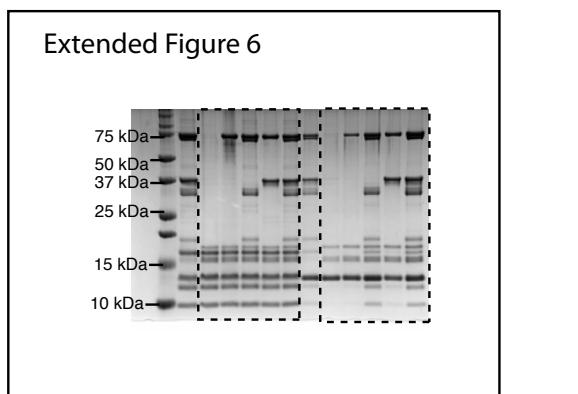


Extended Figure 3e

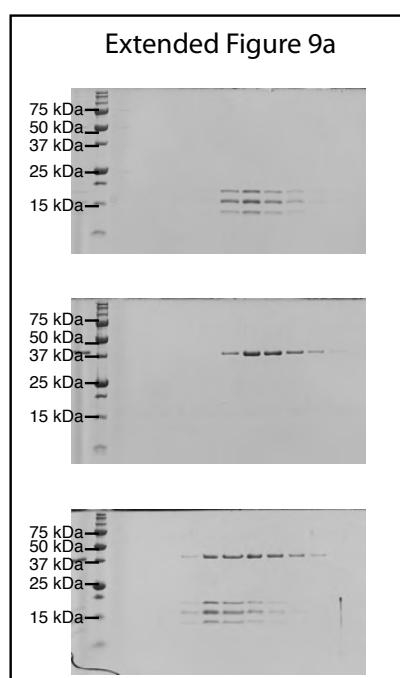




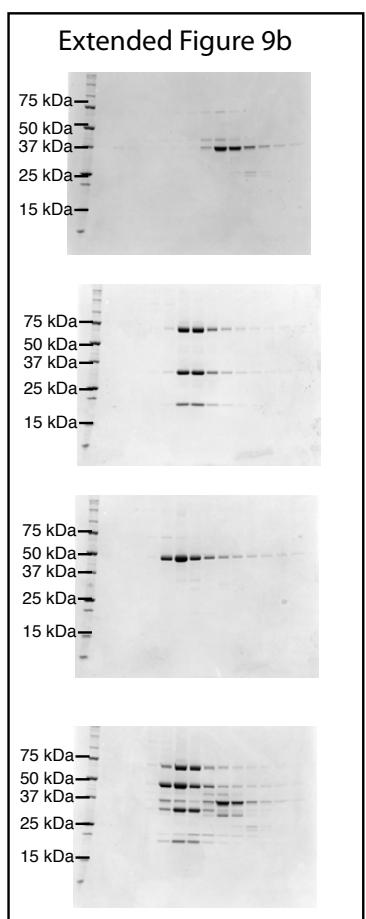
Extended Figure 5b



Extended Figure 6



Extended Figure 9a



Extended Figure 9b