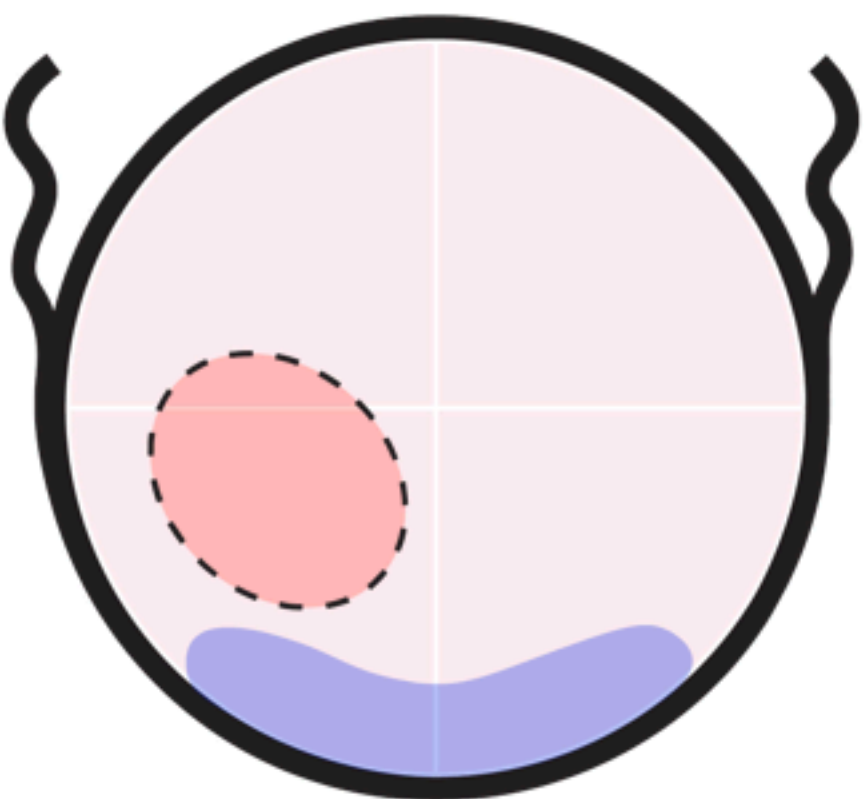


Canonical



Flexible DNA ends

Weak DNA binding overall

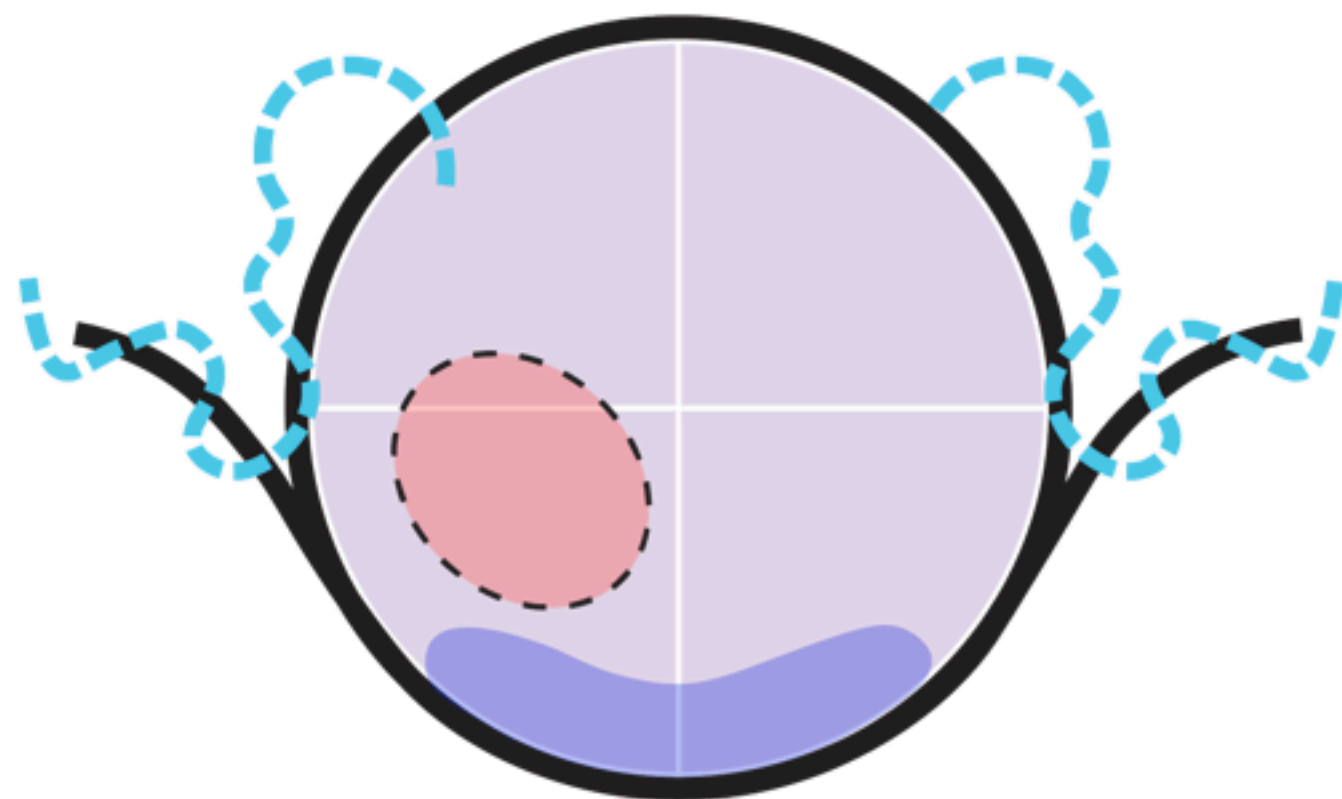
Reinforced DNA binding at the H2A-H2B interface



Divergent acidic patch with limited interactors



H3.V-H4.V



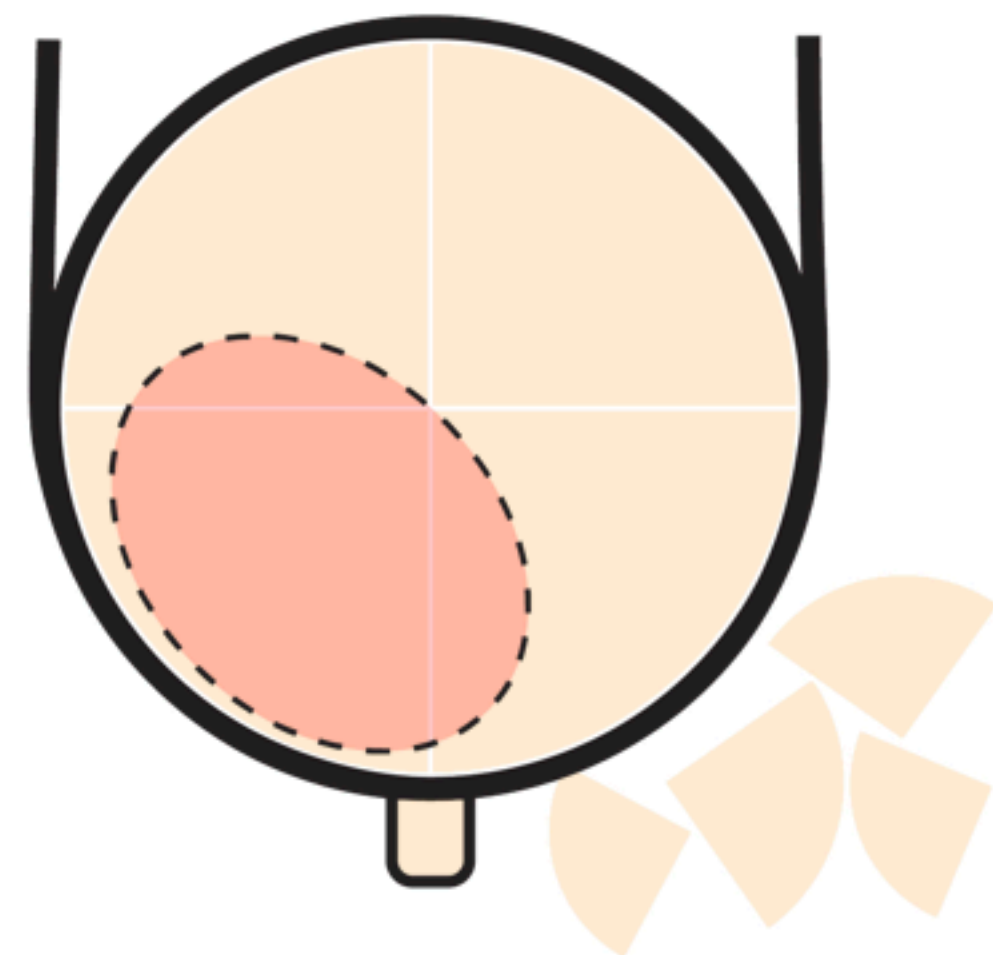
Splayed DNA ends promoted by H3.V N-terminal tail



Equal stability to canonical nucleosomes

Altered interactions via H3.V L1 loop

H2A.Z-H2B.V



Ordered DNA ends

Low octamer stability



Unique extension of the H2B.V α C helix



Extended acidic patch

