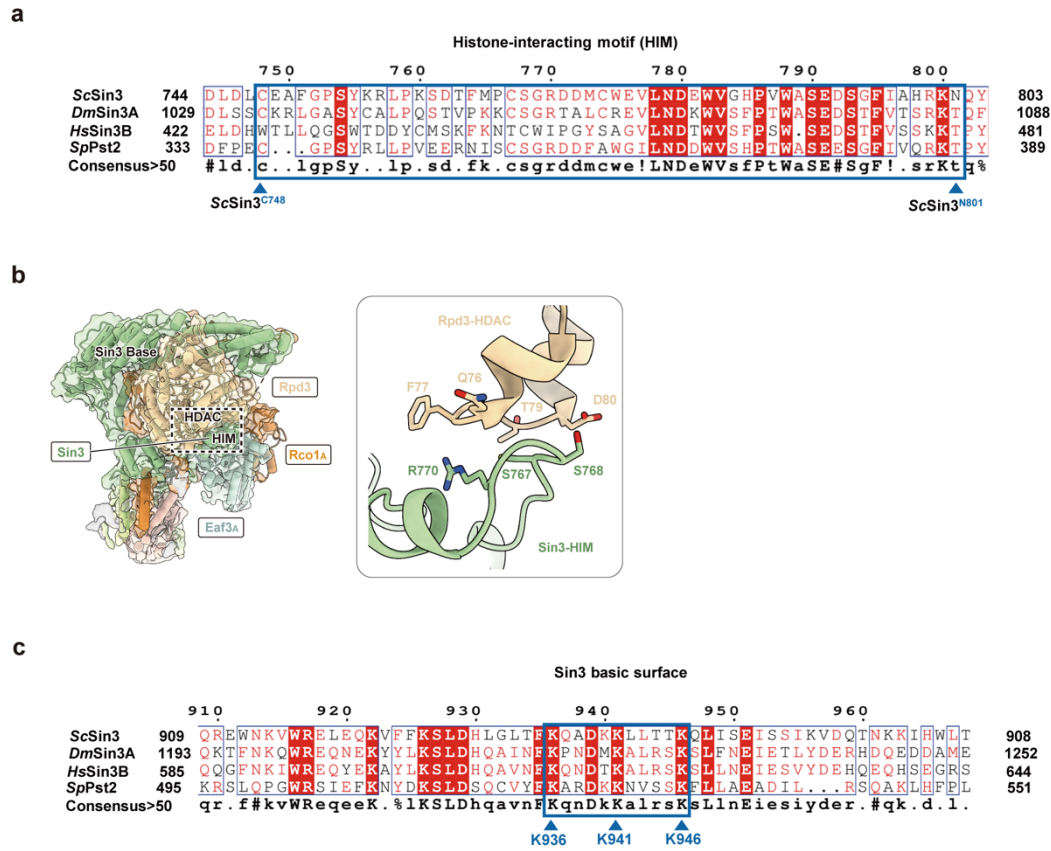




Supplementary information, Fig. S4. Sequence alignment and structural analysis of key Sin3 regions. **a**, Sequence alignment of equivalent Sin3 HIM regions in different species (*Sc*, *Dm*, *Hs* and *Sp*). **b**, Interactions between Rpd3 and HIM of Sin3. **c**, Sequence alignment of equivalent Sin3 basic surfaces in different species (*Sc*, *Dm*, *Hs* and *Sp*). The conserved residues are colored in red. *Saccharomyces cerevisiae*, *Drosophila melanogaster*, *Homo sapiens* and *Schizosaccharomyces pombe* are short for *Sc*, *Dm*, *Hs* and *Sp*, respectively.