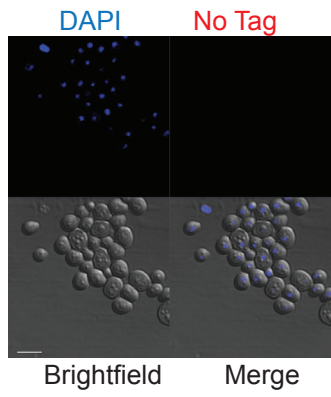


**Additional File 7.** Control staining for HMG confocal analysis. A negative control H3WT strain lacking HA-tagged protein was stained as described in the Methods and analyzed by confocal microscopy to demonstrate the level of background HA staining. Scale bar represents 5  $\mu\text{m}$ .



**Additional File 7.**