Supplementary Methods

Histone extraction

Cells treated with SB were harvested and suspended in 500µl of ice-cold lysis buffer (10mM Tris-HCl, 50mM sodium bisulfite, 1% Triton X-100, 10mM $MgCl_2$, 8.6% sucrose, pH 6.5). After homogenization, the nuclei were collected by centrifugation at 2,000g for 5min, washed twice with the lysis buffer, and once with TE (10mM Tris-HCl, 13mM EDTA, pH 7.4). The pellet was suspended in 150µl of HCl (0.25N) and incubated on ice for at least 1h. After centrifugation for 5min at 12,000g, the supernatant was mixed with 1.2ml of acetone. After incubation overnight at 4°C, the coagulated material was collected by centrifugation at 12,000g for 5min and air-dried. This acid soluble histone fraction was dissolved in 30µl of H_2O. The amount of protein was estimated using a DC protein assay kit and about 20µg of protein was subjected to SDS-PAGE and Western blotting. Coomassie brilliant blue (CBB) presented in the lower panel is a loading control.