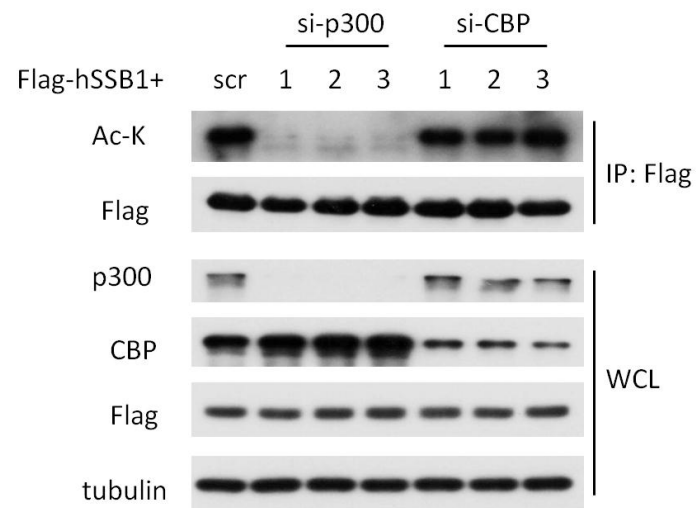
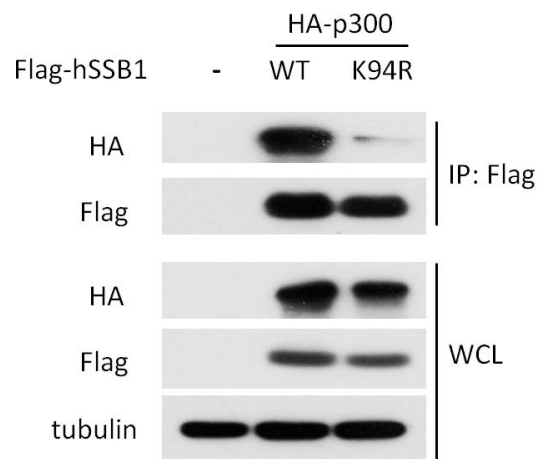


“Acetylation-dependent function of human single-stranded DNA binding protein 1” by Wu Y et al.

Supplementary data

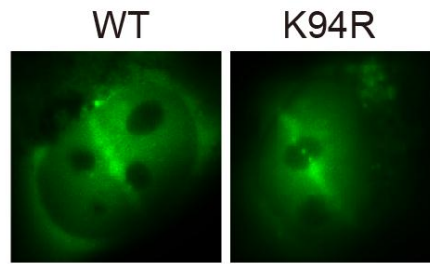


Supplementary Fig. S1. p300 is the dominant acetyltransferase for endogenous hSSB1 in HEK293T cells. HEK293T cells were transfected with p300 or CBP siRNAs for 24 hr, then were transfected with Flag-hSSB1 plasmid for 24 hrs to detect the acetylation levels of hSSB1.



Supplementary Fig. S2. K94R mutation diminished the interaction with p300.

HEK293T cells cotransfected with HA-p300 with hSSB1 WT or K94R mutants as indicated for 48 hr were lysed with RIPA, and were analyzed by IP and western blotting.



Supplementary Fig. S3. The recruitment of hSSB1 to laser-induced DNA sites showed no difference between WT and K94R. Live-cell fluorescence analysis of HeLa cells transiently expressing GFP-hSSB1 or GFP-hSSB1-K94R at 10 min after laser irradiation.