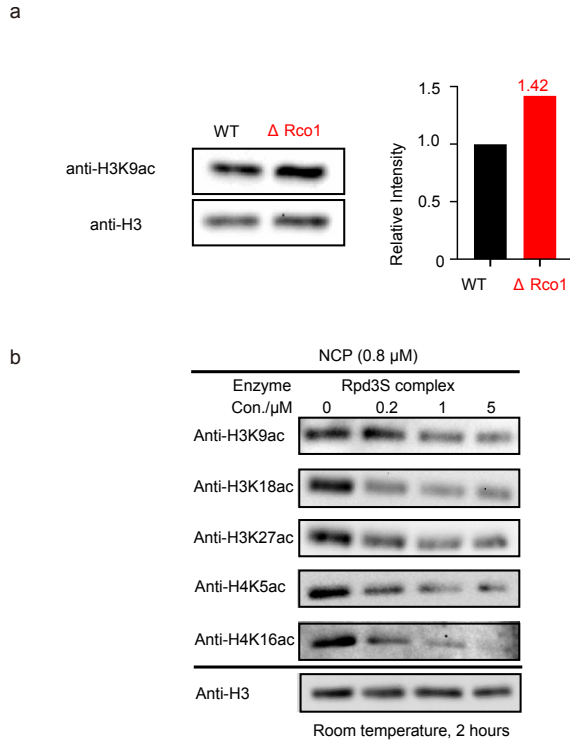




Supplementary information, Fig. S8. H3K9 is the deacetylation site of Rpd3S. **a**, The western blot shows increased global acetylation of H3K9 in the Rco1-deleted strain (BY4741 of budding yeast). **b**, Representative deacetylation assays of Rpd3S on nucleosomes. The histone octamer used in these assays was purified from a Rco1-deleted strain. Nucleosomes were reconstituted using this endogenous histone octamer with 187bp DNA. The reactions were performed by titration of Rpd3S (0, 0.2, 1, 5 μ M) for 2 hours. The reaction products were identified using western blot.