

## **Supplementary information**

### **Histone H3 N-terminal acetylation sites especially K14 are important for rDNA silencing and aging**

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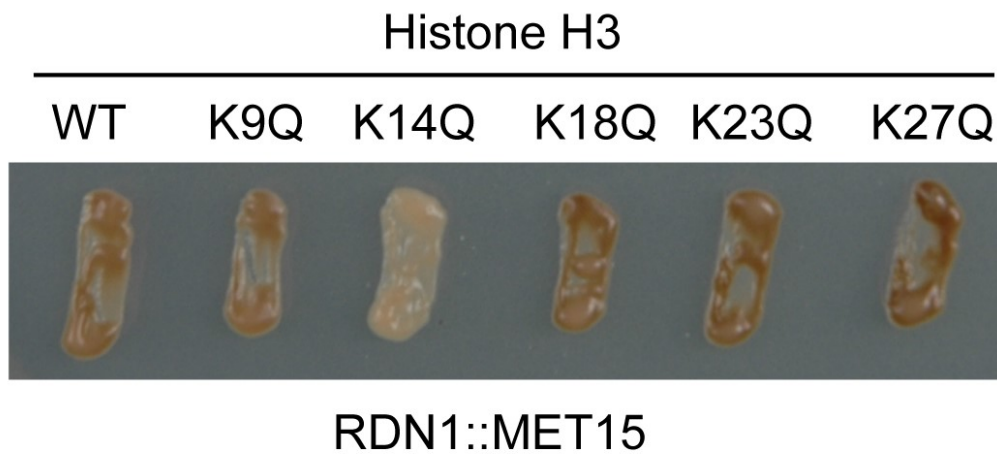
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**Supplementary Table S1.** Lists of yeast strains and plasmids.  
*Available as separate MS Excel file*

**Supplementary Figure S1** Histone H3 N terminal acetylation site glutamine mutations, especially K14, affect rDNA silencing. The image is the color assay result showing the phenotypes of wide-type (WT) and H3 mutants on rDNA silencing. The reporter gene *MET15* was integrated in the rDNA locus to show the silenced status (brown) and depressed status (white).



**Supplementary Figure S2** Fob1 recruitment at rDNA region is not affected in H3 mutants. The DNA from Fob1 IP in H3 mutants were normalized to Input and SPS2.

