

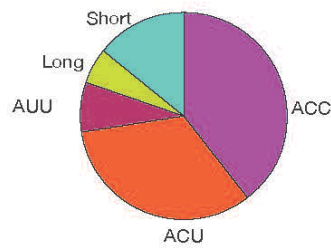
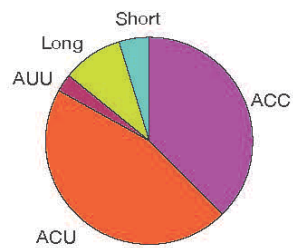
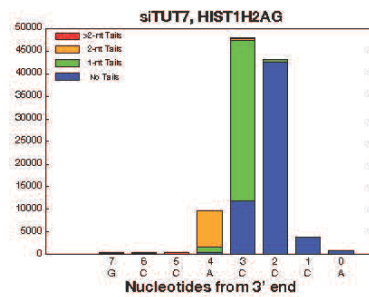
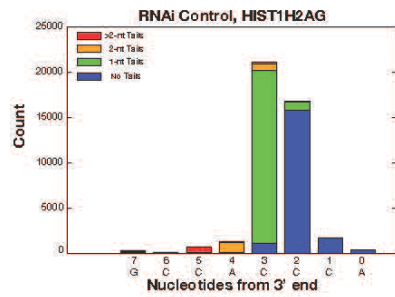
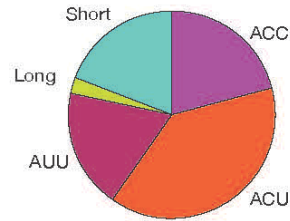
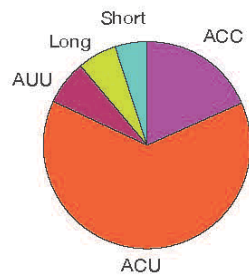
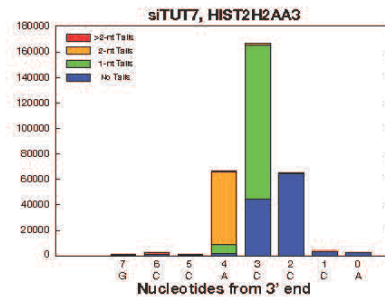
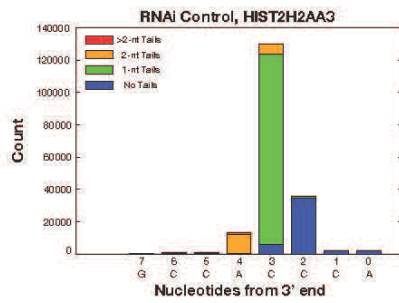
SUPPLEMENTARY MATERIAL FOR REVIEWERS:

Attached are the data for biological replicates of the TUT4 and TUT7 knockdowns.

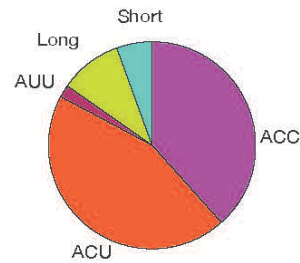
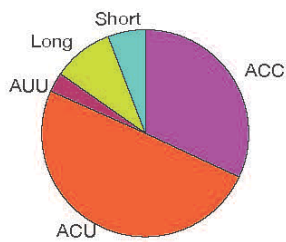
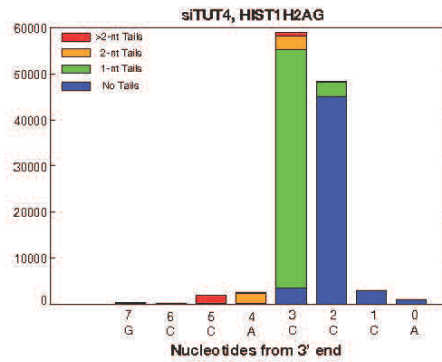
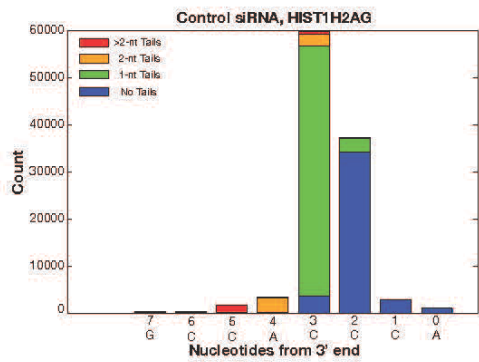
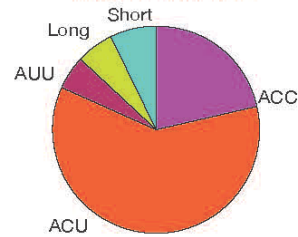
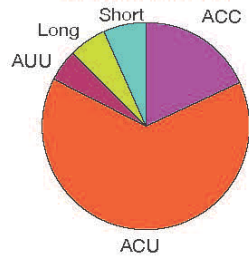
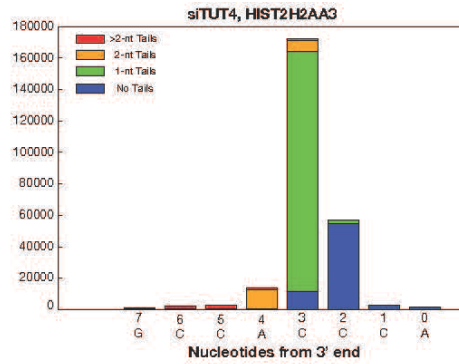
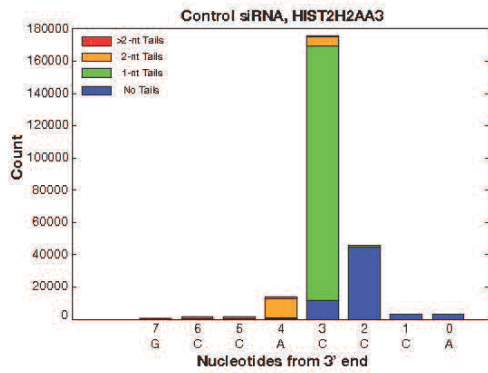
Supplemental Fig. 1. (Biological replicate of Fig. 2 and Fig. 3). Effect of Tut7 knockdown of the 3' end of histone mRNA for the HIST2H2AA3 gene (A,B) and HIST1H2AG gene (C,D) in exponentially growing cells not treated with HU.

Supplementary Fig. 2. (Biological replicate of Fig. 2 and Fig. 3). Effect of Tut4 knockdown of the 3' end of histone mRNA for the HIST2H2AA3 gene (A,B) and HIST1H2AG gene (C,D) in exponentially growing cells not treated with HU.

Supplementary Figure 3. (Biological replicate of Fig. 4 and 5). A parallel culture to the samples in Supp. Figs. 1 and 2 was treated with HU to inhibit DNA synthesis, and RNA prepared after 30 minutes and the samples analyzed by sequencing. The results for the HIST2H2AA3 mRNA are shown from nts 0-7 (A-C), with the distribution of the 3' ends plotted in the pie charts (D and E). The results for nts 5-21 are shown in panels F-H.



		ACC	ACU	AUU	Long	Short
HIST2H2AA3	siTUT7	20.9%	39.0%	18.6%	2.4%	19.0%
	control	18.6%	63.5%	6.8%	6.2%	4.9%
HIST1H2AG	siTUT7	39.7%	33.0%	7.6%	5.6%	14.1%
	control	37.6%	45.5%	2.9%	9.4%	4.7%



		ACC	ACU	AUU	Long	Short
HIST2H2AA3	siTUT4	21.6%	60.3%	5.2%	5.7%	7.2%
	Control	18.1%	64.4%	5.2%	5.6%	6.6%
HIST1H2AG	siTUT4	38.5%	44.3%	2.1%	9.7%	5.4%
	Control	32.0%	49.8%	2.9%	9.6%	5.6%

SUPPLEMENTAL FIGURE 3

