**Reporter sequences and oligos used for Figure 4**

Histone tail sequence

Highlight final histone tail after processing

TGAAACTGGCGGGACGTTCCCCTTTGAAAATTTTAAACGGCTCTTTTCAGAGCCACCCACAGGTCTCAGTCAAAAGAGCTGAAGCTTTTTGGAGGGGGGAGTGGGGTGGAGAGGGGTGCGGGTGCTGCGGTGTTGTGCGGCCACGGTCTATCCTAGTCGTGCTGGTTGGGGGTCAGTTATTAACAGCTCCCAGCAGCCTGGGCGCAAGGATCCTTCCGTCTCAGTCTCAGCCACAGTCACCGGATAGCTAAGGCTACTTGAGCCACCAGGTCCTACTTTTTCTTCAAATTCCCGCGGTGGTGTGTGATTGGCCGGCCGATTTCTGTTAAAGCGCGGCGCTTAAAAGTGGCCCTGAAAAAATTTTATTTCTGACACAGGGATGTGGTGTAAATGCTTTAGTTTACTTTAGCGTTGAGGTGACTTCCTGAGCACATCCCGTCCTGGTTGTGAGCAGTACGTGGCATGCCCAAGGTGCTTCCGGCCCACGATCTTGTGCAGCTGGTCGTTGAGAATGGCCAACTGCTGGTGGTGCCCGGTGTCTGTCTTTTCGCAGGCCTTTGATAAGCCTTAGCTTTGGGATATCGGCCCTCAGGTACTGTATTTGTAAATAGTGTGGGGGCTGCACTGCGTGACGAGGTGGCTCTCCTGTAATCCCAGCATTTTGGGAGGCCGAGGCGGGGGCATCACGAGGTCAGGAGTTCGAGGCCAGCCTGAAGAACATGGTGAAGCCCCATCTCTGCTAAAAAAAAATACAAAAATTAGTCAGGCGTGGTGCCGCGCGCCTGTAATTCCAGCTACTTGGGGGCTGAGGTAGAAAATCACTTGAACCCGGGAGGCGGAAGTTGTAAGCCGAGATCGCGCCACTTGCACTCCGGCCTGGGCGATAGAACGAGACTCCGTCTCAAAATAAAAAGTGTGCCCATTGTCTTTTTCTGTCAGTGGCCAGCGTCTCCAGGACTTATTTTCCCAGGGGCTC

**Probes for Northern** Figure 4D

P2A anti probe

CACGTCTCCAGCCTGCTTCAGCAGGCTGAAGTTAG + 3’ biotin

299-GFP probe

gttctttcttgaacatatccttctggcattgctg+ 3’ biotin