

Supplemental Table S1: Primers for cloning histone H2A wild type and mutants

Primer	DNA sequence
H2A 5'XhoI	5' TTTTCTCGAGTCTGGACGTGGTAAGCAAGGAGGC 3'
H2A 3'NotI	5' TTTTGCGGCCGCACTTGCCCTTGGCCTTGTGGTGAC 3'
H2A K119R	5' CCTTGGCCTGTGGTGACTCTCGGTCTTCCTAGGCAGAAG 3'
H2A K120R	5' CCTTGGCCTTGTGGTGACTCTCGGTCTTCCTAGGCAGAAG 3'
H2AK119R/K120R	5' CCTTGGCCTTGTGGTGACTCTCGGTCTTCCTAGGCAGAAG 3'