

H2A.B gene family	Sequence (5'-3')	Size of amplicon
H2A.Afb3	Fwd: CAGCAGAAAGCAGCCAAGTGG Rev: GCAGGTCAGCCAAGAAGCA	440 bp
Gm14920	Fwd: GTTGGGCATTGGACTTGGAC Rev: CAGCCAAGTCCAGCAGTTC	398 bp
H2Afb2	Fwd- CAGGTCAGCAGAGAGCAATT Rev- CTCCATACTGCTGTAGACCT	374 bp

Table S17. PCR primers for genotyping of H2A.B.3 encoding genes in founders and the H2A.B3KO colonies.