Supplementary Data:

Figure A. Structure and sequence of the PCR product from the deleted NgoA locus

A.

B.

1  GATTATTCTC TTCTAAAATA TGGAGGTAAT AATAATTAAT TTAATTTTTAA
51  ATAAAAACCAT TAAAATTTAA TCATTTATTA AAAGAAAAAC TATCTTTGAA
101  AAGTAAATGT TTTAAGTTGG TTTTACAAGA AACTATGATG CTAAATACAG
151  AGATAAAAGAT AAAAATAAAC AAAAGATTCT AAAATAATAT TTATTTATTA
201  TACAGATCCC CCGGGCTGCA TTTTCCAGT AAAAATTGA AAATTTAATG
251  GCAAAAAAAAA CAGACGACG CGATTGTCTG TTGTGCCAG

A. Schematic of the NgoA knockout locus and the deletion identified by PCR amplification. Thin lines, NgoA DNA; MTT1, promoter region of the MTT1 gene; BTU2, 3’ transcription termination sequences from the β-tubulin 2 gene; Neo, gene conferring paromomycin resistance. B. Sequence of the PCR product from the NgoA::neo3 deleted chromosome. Single lines, NgoA gene; heavy lines, PCR primers; no underlining, cloning vector; double underline, BTU region of the neo3 cassette; bold sequences, Neo gene coding region.
Supplementary Data:

Figure B. Structure and sequence of the PCR product from the deleted HTT1 locus

A. Schematic of the HHT1 knockout locus and the deletion identified by PCR amplification. Thin lines, HTT1 DNA; HHF1, promoter regions of the histone H4-I gene; BTU2, 3’ transcription termination sequences from the β-tubulin 2 gene; Neo, gene conferring paromomycin resistance.  B. Sequence of the PCR product from the HHT1::neo2 deleted chromosome. Single lines, HHT1 gene; heavy lines, PCR primer; no underlining, cloning vector; double underline, BTU2 region of the neo cassette.