

Supplementary Table 2. qPCR primers and probes

Primers and probes used to quantify gene expression

Name	Sequence (5' → 3')
SEN1990_Fw	GGAATACTCGTCGAGCATCATG
SEN1990_Rv	TGATGACTCATTCCTTTAGCGAAA
SEN1990-Probe	TCATCTCTATATCAACTCTAAC
SEN1991_Fw	TCTTGATTTTGTGGAGCGATCTT
SEN1991_Rv	GAAGGATTTCAAAAAGCAGGTTTG
oafB_Fw	ACTTGGCGCCTCTCTTATAA
oafB_Rv	CAACAGGCCTAACACTAAGC
rpoD-Fw	ACCCGGGAAGGCGAAA
rpoD-Rv	TGGTTGATCCCGTCTTCGAT
rpoD-Probe	CGACATCGCTAAACG

Primers and probes used to assess ROD21 replication, copy number and excision

Name	Sequence (5' → 3')
attB_Fw	GTTACTATGCGCCCCGTTACAC
attB_Rv	CCGATTAAGCCCCAAAACTATG
attB-Probe	TTCGAGTCCAGTCAGAGGA
rpoD-Fw	ACCCGGGAAGGCGAAA
rpoD-Rv	TGGTTGATCCCGTCTTCGAT
rpoD-Probe	CGACATCGCTAAACG
attP-Fw	AGCCACTAACAGCAGGAG
attP-Rv	CGAGAGTGAACCTGAAGAA
attP-Probe	TTCGAGTCCAGTCAGAGGA