

**Supplementary Table S1.** Primers used in this study (sequences in 5' to 3' orientation).

<b>Primer name</b>	<b>Sequence</b>	<b>Purpose</b>
DT1-BsF_FH1g4	ATATATGGTCTCGATTGACACGG CGGCTACTGTCGGGTT	Amplifying gRNA template (with DT2-BsR_FH1g7)
DT1-F0_FH1g4	TGACACGGCGGCTACTGTCGGGT TTTAGAGCTAGAAATAGC	Amplifying gRNA template (with DT2-R0_FH1g7)
DT2-R0_FH1g7	AACACACGACGCAATGCGGAGGC AATCTCTTAGTCGACTCTAC	Amplifying gRNA template (with DT1-F0_FH1g4)
DT2-BsR_FH1g7	ATTATTGGTCTCGAAACACACGA CGCAATGCGGAGGCAA	Amplifying gRNA template (with DT1-BsF_FH1g4)
R_FH1_g4g7seq1	AGATAACCGGCGGTTTTGGT	Sequencing <i>fh1</i> :CRISPR mutation