

**Table S5.** Primers used for Cas12a-crRNA gene editing analysis.

<b>Gene</b>	<b>Primer*</b>	<b>Primer sequence (5'→3')</b>	<b>Purpose</b>
<i>NbFT</i>	D3667 (F)	CTAGAAAACCTATGGCTATAAGG G	Amplification of a 550-nt DNA fragment flanking <i>NbFT</i> target region
	D3668 (R)	GTTCTCGAGAGGTATAATATAGGC	
	D3669	CACAAGCACGCATAGAAC	Sequencing of the 550-nt PCR product for the analysis of <i>NbFT</i> editing
<i>NbXT1</i>	JO16 JUN05 (F)	AACCACTTTTCCTCGTCGGAAA	Amplification of a 1286-nt DNA fragment flanking <i>NbXT1</i> target region
	JO16 JUN06 (R)	TAACTATTCAACTAAAGCTTCAAA CAG	
	JO16 NOV05	TGTTTAATGAAGATTGTCTGG	Sequencing of the 1286-nt PCR product for the analysis of <i>NbXT1</i> editing

\*F, forward primer; R, reverse primer