

Table S2. Genotypical study of *bnarf111* transgenic plants and next-generation transmission analysis.

Plant ID #	Progeny	+ve	<i>BnaRFL11</i>	
			S1	S2
<i>bnarf111-1</i>	T ₀	Yes	Homo (+2bp)	Homo (+1bp, -1bp)
<i>bnarf111-1-5</i>	T ₁	Yes	Homo (+2bp)	Homo (+1bp, -1bp)
<i>bnarf111-5</i>	T ₀	Yes	Homo (-31bp)	Homo (-5bp, +11bp)
<i>bnarf111-5-8</i>	T ₁	Yes	Homo (-31bp)	Homo (-5bp, +11bp)
<i>bnarf111-8</i>	T ₀	Yes	Homo (-3bp)	Hetero
<i>bnarf111-8-3</i>	T ₁	Yes	Homo (-3bp)	Hetero
<i>bnarf111-15</i>	T ₀	Yes	Hetero	Homo (-9bp)
<i>bnarf111-15-3</i>	T ₁	Yes	Hetero	Homo (-9bp)
<i>bnarf111-19</i>	T ₀	Yes	Homo (-143bp)	Homo (-11bp)
<i>bnarf111-19-8</i>	T ₁	Yes	Homo (-143bp)	Homo (-11bp)
<i>bnarf111-23</i>	T ₀	Yes	Homo (+2bp)	Homo (-18bp)
<i>bnarf111-23-4</i>	T ₁	Yes	Homo (+2bp)	Homo (-18bp)
<i>bnarf111-27</i>	T ₀	Yes	Homo (+2bp)	Homo (-2bp)
<i>bnarf111-27-4</i>	T ₁	Yes	Homo (+2bp)	Homo (-2bp)
<i>bnarf111-34</i>	T ₀	Yes	Homo (-2bp)	Hetero
<i>bnarf111-34-8</i>	T ₁	Yes	Homo (-2bp)	Hetero
<i>bnarf111-38</i>	T ₀	Yes	Homo (-4bp)	Homo (+1bp, -2bp)
<i>bnarf111-38-10</i>	T ₁	Yes	Homo (-4bp)	Homo (+1bp, -2bp)
<i>bnarf111-44</i>	T ₀	Yes	Homo (+2bp)	Homo (+2bp)
<i>bnarf111-44-7</i>	T ₁	Yes	Homo (+2bp)	Homo (+2bp)
<i>bnarf111-57</i>	T ₀	Yes	Homo (+3bp)	Homo (+2bp, -4bp)
<i>bnarf111-57-3</i>	T ₁	Yes	Homo (+3bp)	Homo (+2bp, -4bp)
<i>bnarf111-69</i>	T ₀	Yes	Homo (+6bp, -2bp)	Homo (-5bp)
<i>bnarf111-69-5</i>	T ₁	Yes	Homo (+6bp, -2bp)	Homo (-5bp)
<i>bnarf111-73</i>	T ₀	Yes	Hetero	Homo (-8bp)
<i>bnarf111-73-5</i>	T ₁	Yes	Hetero	Homo (-8bp)
<i>bnarf111-75</i>	T ₀	Yes	Homo (-6bp, +3bp)	Homo (+1bp, -2bp)
<i>bnarf111-75-6</i>	T ₁	Yes	Homo (-6bp, +3bp)	Homo (+1bp, -2bp)
<i>bnarf111-79</i>	T ₀	Yes	Homo (-8bp, +5bp)	Hetero
<i>bnarf111-79-7</i>	T ₁	Yes	Homo (-8bp, +5bp)	Hetero
<i>bnarf111-83</i>	T ₀	Yes	Hetero	Homo (+4bp, -1bp)
<i>bnarf111-83-4</i>	T ₁	Yes	Hetero	Homo (+4bp, -1bp)
<i>bnarf111-87</i>	T ₀	Yes	Homo (+2bp)	Homo (-4bp)
<i>bnarf111-87-7</i>	T ₁	Yes	Homo (+2bp)	Homo (-4bp)

Hetero means heterozygous, Homo means homozygous, and WT means wild form. "-/+" demonstrates the synchronized removal and addition, in each copy of the mutated representative target, of the indicated number of nucleotides; All other targets are wild type except indicated targets.

