

Supplementary Materials: Knockout of ABC transporter ABCG4 gene confers resistance to Cry1 proteins in *Ostrinia furnacalis*

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Table S1. Primers for sgRNA synthesis and detection of *ABCG4* gene deletion.

Target site	Primer namea	Primer sequences (5'>3')
sgRNA1	ABCG4-T1-F1	<u>TAATACGACTCACTATA</u> GGCAGGCCAGTGCCTC-TACC
	ABCG4-T1-R1	TTCTAGCTCTAAACGGTAGAGGCCTGGCCTGC
sgRNA2	ABCG4-T2-F1	<u>TAATACGACTCACTATA</u> GGGCTCTCAAACCAAG-TCTA
	ABCG4-T2-R1	TTCTAGCTCTAAA <u>ACTAGACTGGTTGAAGAGCC</u>
Of ABCG4	ABCG4 104Ex5 6-F	GGTTGGATAGTTCATCGTGCTC
	ABCG4 104Ex5 6-R	AGAACATCGTTGGCTTCAA

The underlined sequences were T7 promoter sequences.