

Piattino, V., Martino, I., Sanna, M., Maspero, M., De Gregorio, T., Spadaro, D. & Guarnaccia, V. (2026). Quantitative real-time PCR assay for detection and quantification of *Anthostoma decipiens*, the cause of ‘mal dello stacco’ in hazelnut. *Phytopathologia Mediterranea* 65 (EUPHRESKO III - Special Issue): . doi: 10.36253/phyto-17423

Table S1. Percentage similarities between the *Anthostoma decipiens* target amplicon (154 bp) and off-target isolates included in the specificity panel, with primer-site mismatch details and corresponding mean Cq values.

Species	Amplicon similarity (%)	Mismatches AD8_F	Mismatches AD16_R	Mean Cq
<i>Anthostoma decipiens</i>	100	0	0	17.63 ± 0.28
<i>Alternaria</i> sp.	45.8	5	16	Negative
<i>Aspergillus</i> sp.	26	20	11	Negative
<i>Botryosphaeria dothidea</i>	51	5	8	Negative
<i>Cytospora leucostoma</i>	58	3	5	Negative
<i>Diaporthe eres</i>	58	3	4	38.58 ± 0.40
<i>Diaporthe rudis</i>	61	3	4	Negative
<i>Diaporthella cryptoca</i>	53	10	5	Negative
<i>Diplodia sapinea</i>	49	5	8	39.68 ± 0.17
<i>Diplodia seriata</i>	49	5	8	38.47 ± 0.59
<i>Diplodia subglobosa</i>	49	5	8	37.30 ± 0.41
<i>Dothiorella iberica</i>	49	4	10	Negative
<i>Dothiorella omnivora</i>	51	4	10	Negative
<i>Dothiorella parva</i>	51	4	10	Negative
<i>Eutypa lata</i>	51	2	3	Negative
<i>Eutypella citricola</i>	26	19	11	Negative
<i>Eutypella leprosa</i>	74	2	5	35.63 ± 0.15
<i>Eutypella microtheca</i>	30	11	16	Negative
<i>Eutypella sorbi</i>	72	2	5	Negative
<i>Fusarium oxysporum</i>	55	4	5	Negative
<i>Gnomoniopsis smithogilvyi</i>	56	4	4	Negative
<i>Nothophoma brennandiae</i>	50	5	12	Negative
<i>Paraconiothyrium brasiliense</i>	41	6	13	Negative
<i>Penicillium</i> sp.	42	6	11	Negative
<i>Peroneutypa scoparia</i>	70	2	1	36.20 ± 0.28
<i>Trichoderma</i> sp.	24	12	12	Negative