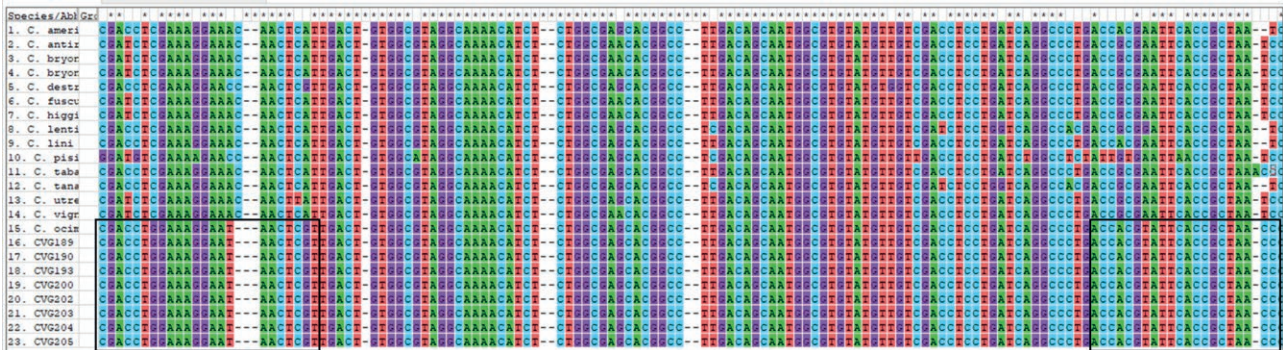


I. Martino, P.W. Crous, A. Garibaldi, M.L. Gullino, V. Guarnaccia (2022). A SYBR Green qPCR assay for specific detection of *Colletotrichum ocimi*, which causes black spot of basil. *Phytopathologia Mediterranea* 61(2): 405-413. doi: 10.36253/phyto-13606



Supplementary Figure 1. Region of *tub2* locus used to design the primer set TubOc_68fw TubOc_197rev for the specific detection of *Colletotrichum ocimi*.

Supplementary Table 1. Ct values and standard deviations obtained from the analysis of *Colletotrichum ocimi* DNA serially diluted from 10 ng μL^{-1} to 1 pg μL^{-1} in sterile distilled water and used to build the standard curve to assess the analytical sensitivity of the method.

Concentration	log	Ct value	Mean Ct value	sd
10 ng μL^{-1}	1	24.28 23.69 24.66	24.21	0.49
1 ng μL^{-1}	0	26.58 26.37 26.87	26.61	0.25
0.1 ng μL^{-1}	-1	31.14 29.73 29.76	30.21	0.81
0.01 ng μL^{-1}	-2	33.59 32.72 33.69	33.33	0.53
0.001 ng μL^{-1}	-3	36.66 37.46 36.74	36.95	0.44

Supplementary Table 2. Ct values and standard deviations obtained from the analysis of *Colletotrichum ocimi* DNA serially diluted from 10 ng μL^{-1} to 1 pg μL^{-1} in basil genomic DNA and used to assess the selectivity of the method.

Concentration	log	Ct value	Mean Ct value	sd
10 ng μL^{-1}	1	25.41 25.01 24.45	24.96	0.48
1 ng μL^{-1}	0	27.48 26.79 27.34	27.20	0.36
0.1 ng μL^{-1}	-1	31.81 30.57 30.42	30.93	0.76
0.01 ng μL^{-1}	-2	33.73 35.67 33.88	34.43	1.08
0.001 ng μL^{-1}	-3	37.12 37.24 37.76	37.37	0.34