F. Bellameche, M.A. Jasim, B. Mauch-Mani, F. Mascher (2021). Histopathological aspects of resistance in wheat to *Puccinia triticina*, induced by *Pseudomonas protegens* CHA0 and β-aminobutyric acid. *Phytopathologia Mediterranea* 60(3): 441-453. doi: 10.36253/phyto-13123

SUPPLEMENTARY MATERIAL

Table S1. Simplified scheme of infection types of leaf rust caused by *Puccinia triticina* (Stakman *et al.* 1962).

Response (class)	Infection type	Disease symptoms
Immune	0	No uredia or other macroscopic sign of infection
Nearly immune	;	No uredia but hypersensitive necrotic or chlorotic flecks present
Very resistant	1	Small uredia surrounded by necrosis
Moderately resistant	2	Small to medium uredia surrounded by chlorosis or necrosis
Moderately susceptible	3	Medium-sized uredia that may be associated with chlorosis
Susceptible	4	Large uredia without chlorosis

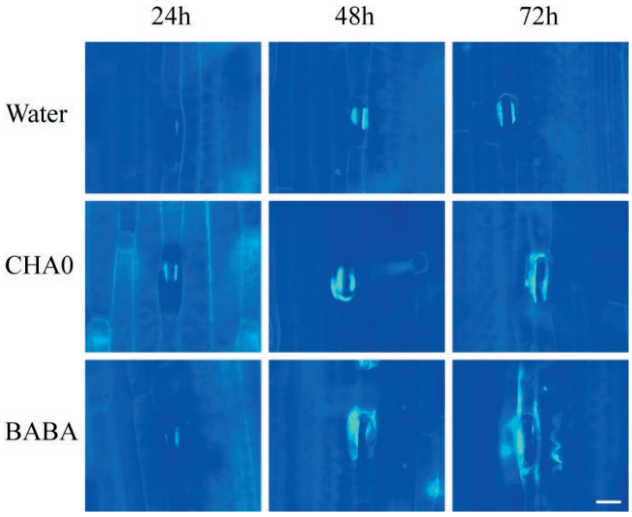

Figure 1S. Localization of callose in wheat leaves treated with CHA0 or BABA at 24, 48 or 72 hai by *Puccinia triticina*. Photographs show aniline blue stained leaves exposed to UV light. Treatments: **Water**, plants treated with sterile distilled water; **CHA0**, plants obtained from seeds inoculated with CHA0 (10^6 CFU mL^{-1}); **BABA**, plants soil-drenched with BABA (15 mM) 48 h before *P. triticina* rust inoculation. Bar = 20 μm.

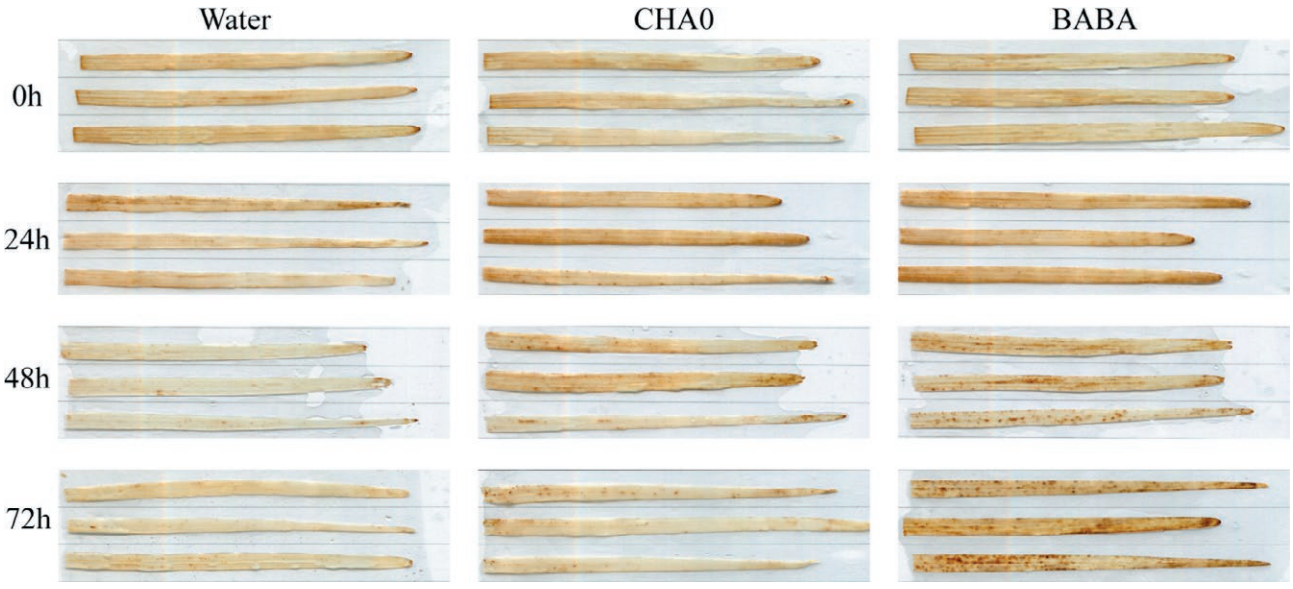

Figure 2S. *In situ* detection of hydrogen peroxide (H_2O_2) using DAB staining at 0, 24, 48 or 72 hai by *Puccinia triticina* in wheat leaves treated with CHA0 or BABA. Images were obtained by scanning (at 1200 dpi) stained second leaves of seedlings. Treatments: **Water**, plants treated with sterile distilled water; **CHA0**, plants obtained from seeds inoculated with CHA0 (10^6 CFU mL^{-1}); **BABA**, plants soil-drenched with BABA (15 mM) 48 h before *P. triticina* inoculation.