

S8 Fig. Expression of *promoter::YFP_N* constructs in the mature part of roots infected with *F. oxysporum*.

(a) Microscopic analysis of the responses of 12-day old roots in the mature part 2 days after inoculation with spores from *F. oxysporum*. Fluorescence derived from *promoter::YFP_N* constructs is localized in the root nuclei and shown in green, while propidium iodide was used as a counterstain of cell walls and dead cells and is shown in red. Bar 100 μ m. (b) Quantification of microscopic analysis of *promoter::YFP_N* constructs as depicted in (A) using Fiji. Bars represent the mean of ≥ 6 images \pm SE. (c) Quantification of microscopic analysis of *F. oxysporum* - infected roots expressing *promoter::YFP_N* constructs in independent transformation lines when compared to Fig. 6A+B. Bars represent the mean of ≥ 6 images \pm SE. Statistical analysis was performed using a Student's t-test: * $p < 0.05$, ** $p < 0.01$. (b.t.) indicates that all signals were below the autofluorescence threshold.

