

## Supplementary Material

### ***Arabidopsis thaliana* phytaspase: identification and peculiar properties**

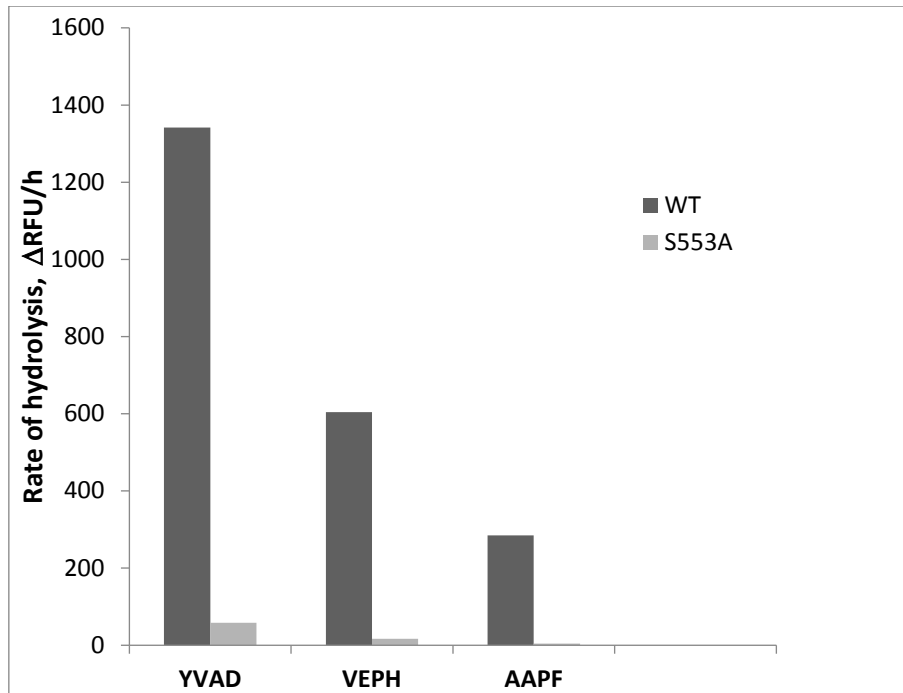
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**Fig. S1.** The Ser553Ala mutation in At Phyt abolishes the proteolytic activity of the enzyme. Hydrolysis of Ac-YVAD-AFC, Ac-VEPH-AFC, and Suc-AAPF-AFC substrates (20  $\mu$ M) with equivalent amounts of the wild type At Phyt-GST (WT, black bars), or with the At Phyt (Ser553Ala)-GST mutant (S553A, grey bars) in a pH 6.5 buffer.  $\Delta$ RFU/h, relative fluorescence units per hour.