

SUPPLEMENTARY INFORMATION 1

ORGANIZED DISASSEMBLY OF PHOTOSYNTHESIS DURING PROGRAMMED CELL DEATH MEDIATED BY LONG CHAIN BASES

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Fig. S1

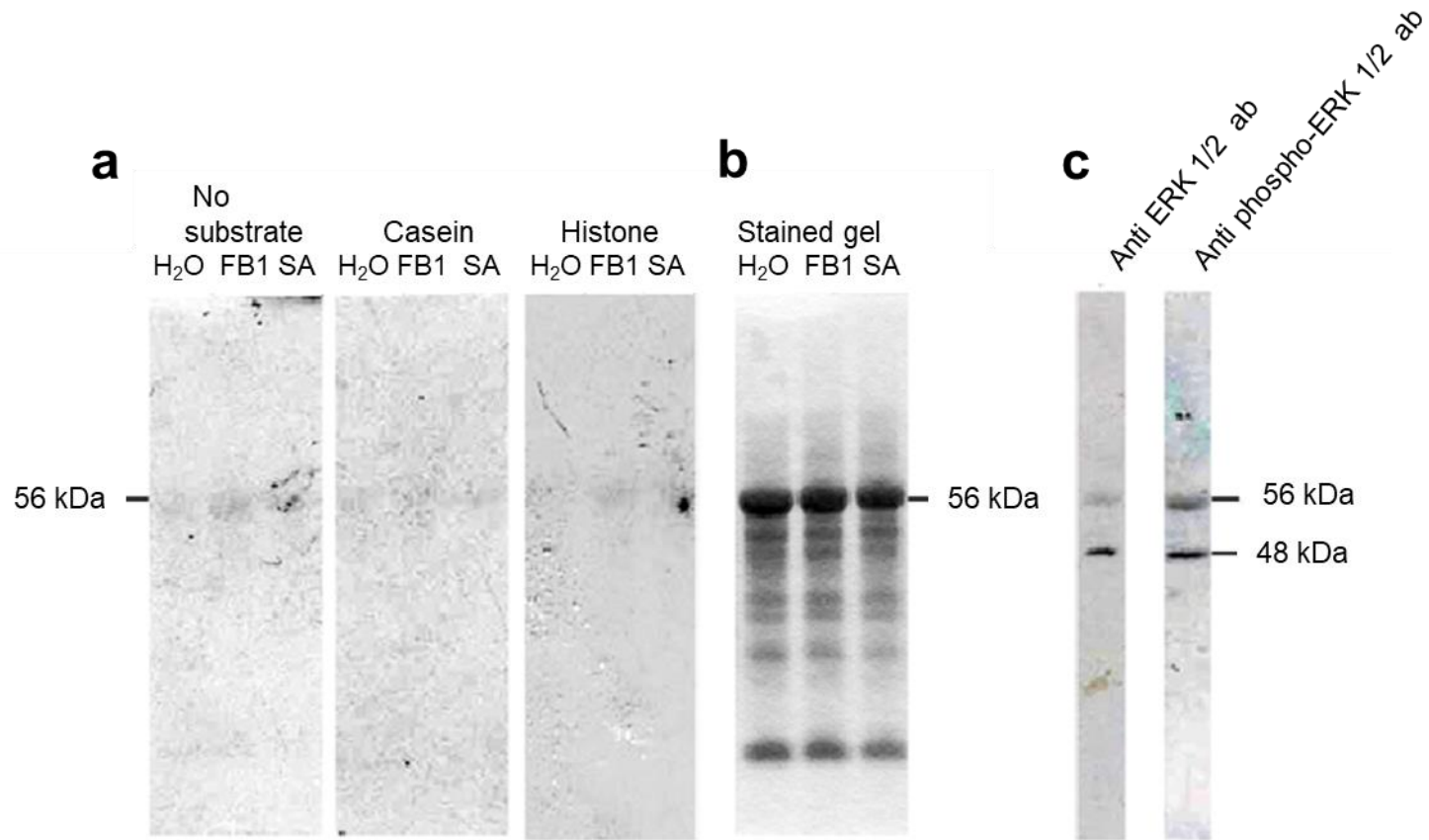


Figure S1. MAPK assay specificity and MAPK reactivity to anti phospho-ERK. (a) Specificity of the MAPK assay. Phaseolus leaves were exposed to 40 μ M FB1 and 1 mM salicylic acid (SA) and extracts were obtained and used in an in-gel kinase assay using no substrate (H₂O) or casein or histone in the gel matrix. (b) The respective samples were stained with Coomassie blue. (c) Immunoprecipitation with antibodies anti-ERK and anti-phospho-ERK. Crude extracts from Phaseolus leaves were prepared and tested for immunoprecipitation analysis using antibodies anti-ERK1/2ab and anti-phospho-ERK1/2ab and assayed in an in-gel assay as described in Material and Methods. The masses of protein kinases in kDa are indicated. Images are representative of at least three independent biological replicates.