

SUPPLEMENTARY INFORMATION 2

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

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Fig. S2

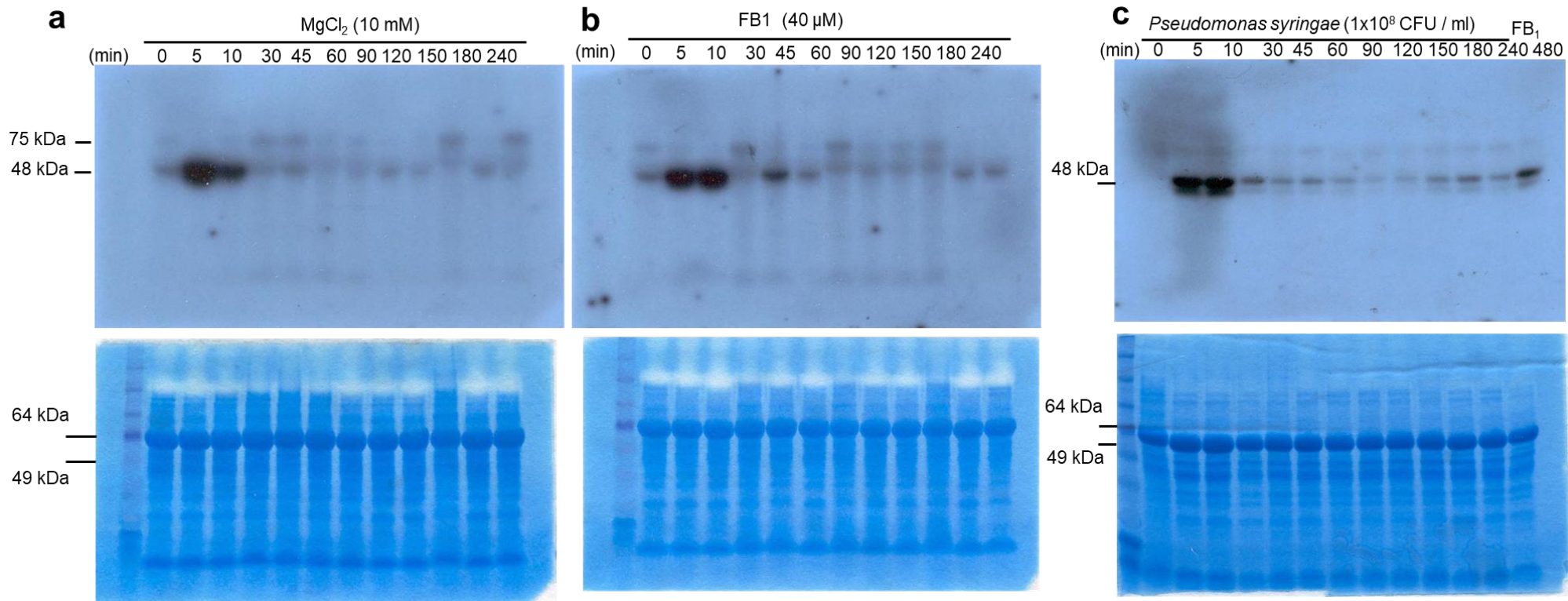


Figure S2. MAPK activation is induced by FB1, Pst, sphinganine and salicylic acid in Phaseolus leaves. Leaves were infiltrated *in planta* with (a) MgCl₂, (b) FB1, (c) Pst, (d) sphinganine (SN), and (e) salicylic acid (SA) at the concentrations shown. At the indicated times, infiltrated leaf sections were cut and soluble protein fractions were obtained to determine in-gel MBP phosphorylation to estimate MAPK activity. SN was dissolved in 0.05 % Silwet L-77 (SW) and SA was at pH 7.0. Upper parts of the panels show the complete autoradiographies from the in-gel activities. Lower parts of the panels show the correspondent complete Coomassie blue stained gels. Experiments are representative of at least three biological replicates. St, molecular mass standards. (It continues in next page).

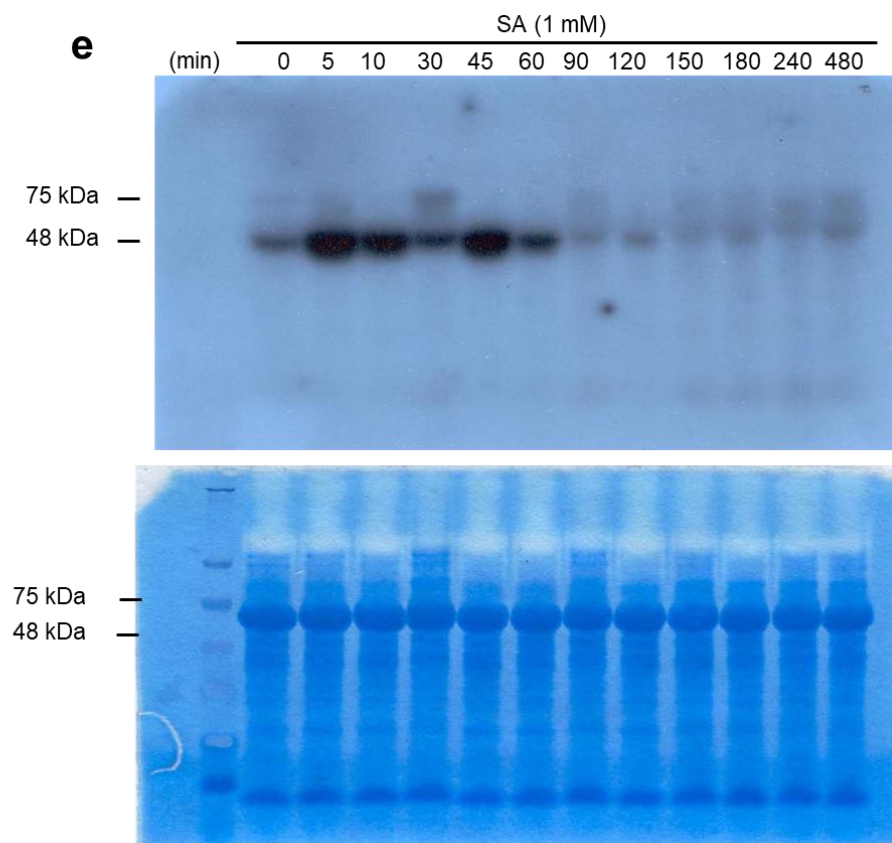
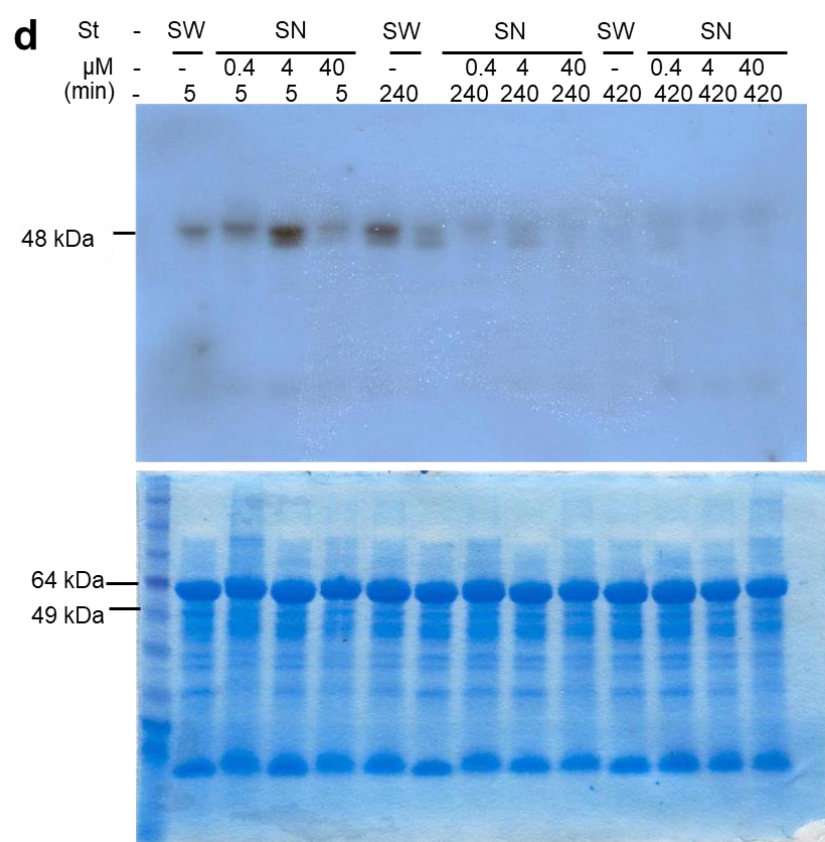


Figure S2. MAPK activation is induced by FB1, Pst, sphinganine and salicylic acid in *Phaseolus* leaves. Leaves were infiltrated *in planta* with (a) MgCl_2 , (b) FB1, (c) Pst, (d) sphinganine (SN), and (e) salicylic acid (SA) at the concentrations shown. At the indicated times, infiltrated leaf sections were cut and soluble protein fractions were obtained to determine in-gel MBP phosphorylation to estimate MAPK activity. SN was dissolved in 0.05 % Silwet L-77 (SW) and SA was at pH 7.0. Upper parts of the panels show the complete autoradiographies from the in-gel activities. Lower parts of the panels show the correspondent complete Coomassie blue stained gels. Experiments are representative of at least three biological replicates. St, molecular mass standards.