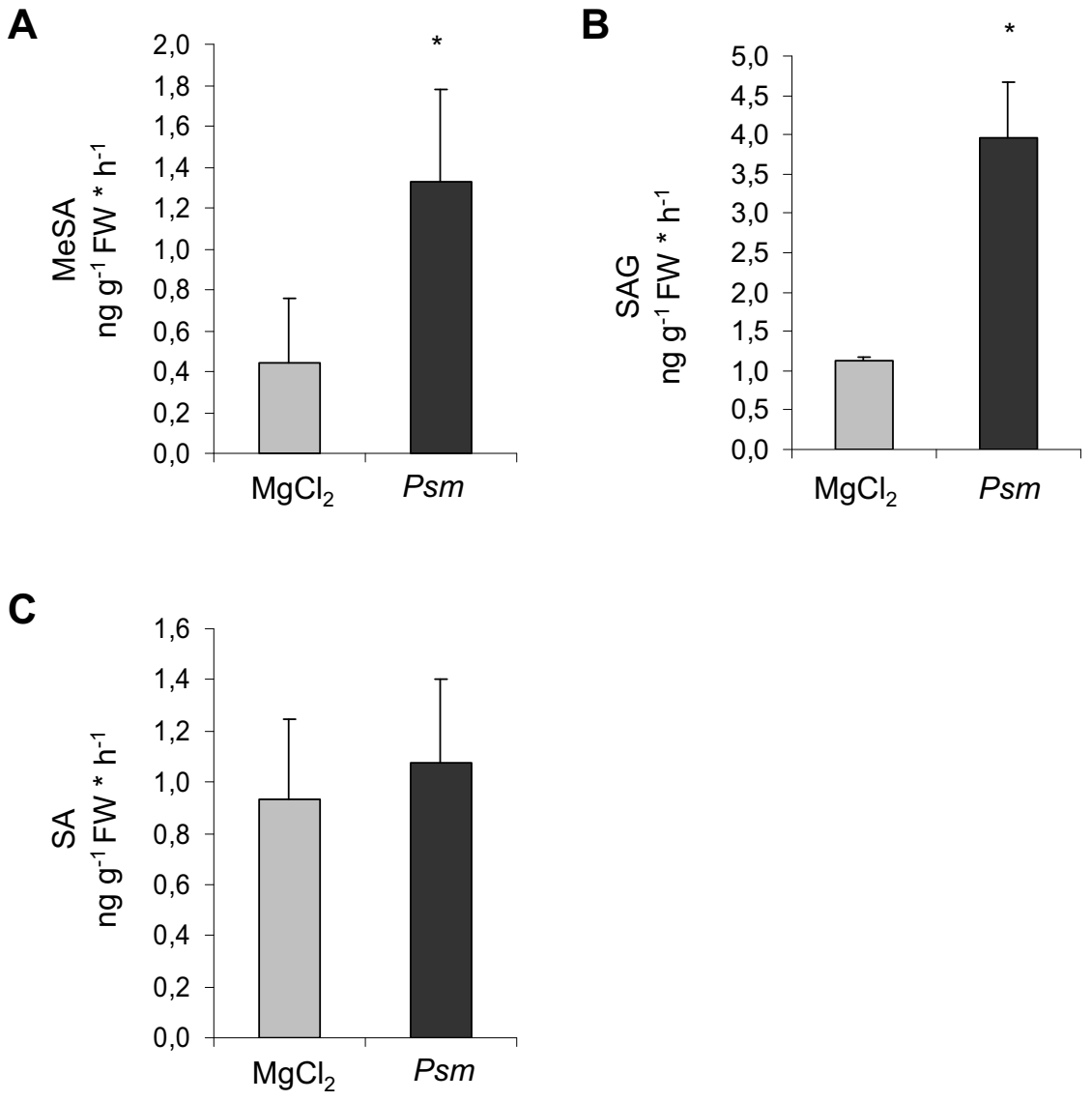
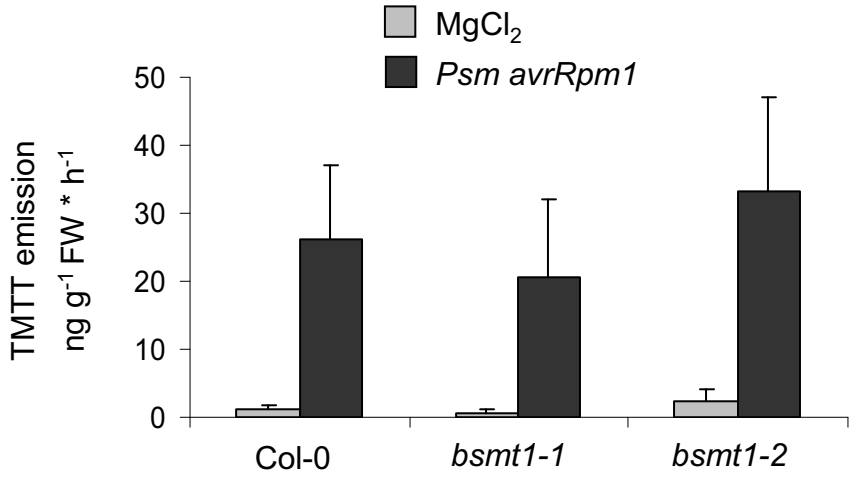


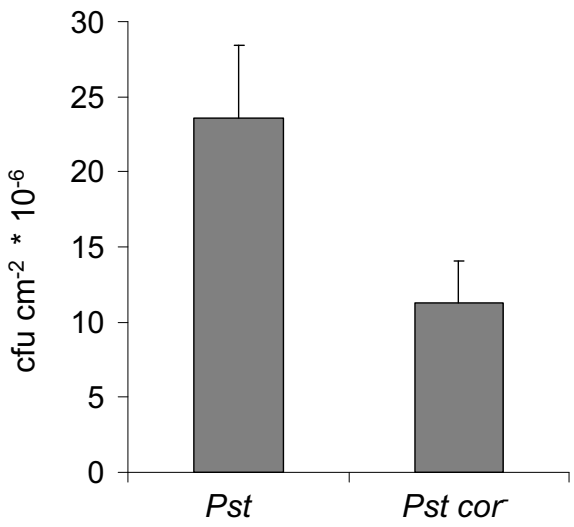
Supplemental Figure 1. Petiole exudation of SA derivatives from *P. syringae*- and mock-inoculated Col-0 leaves.

Exudates were collected between 6 and 48 hpi. Values (means ± SD, n = 5) represent ng exuded substance g^{-1} fresh weight h^{-1}. Asterisks denote statistically significant differences between *Psm*- and $MgCl_2$-treatments ($P < 0.02$).



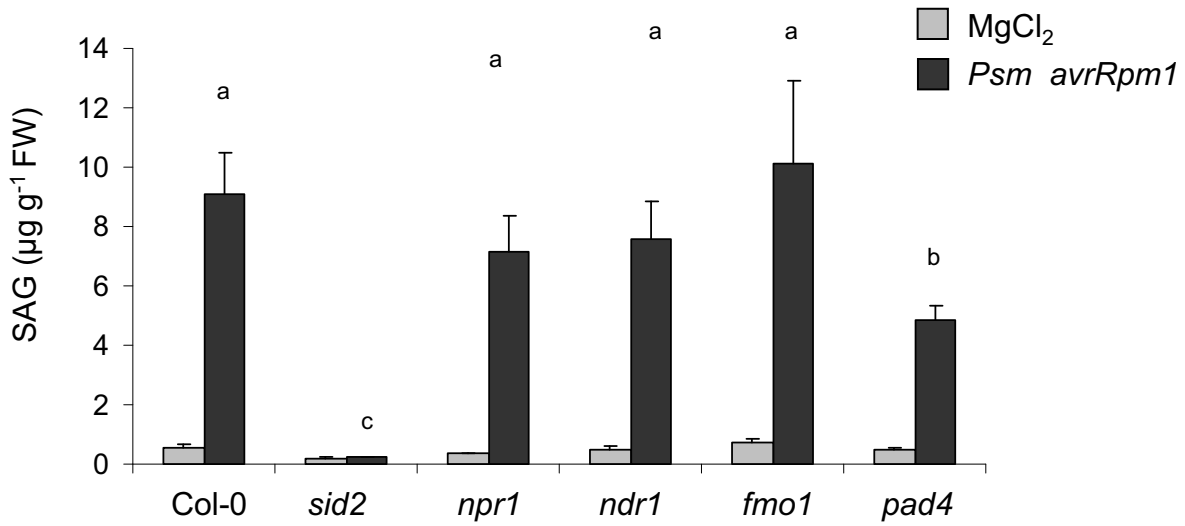
Supplemental Figure 2. TMTT emission from wild-type Col-0 and *bsmt1* mutant plants.

Plants were inoculated with *Psm avrRpm1* or infiltrated with $MgCl_2$. Volatiles were collected from 0 to 24 hpi. Bars represent mean emission values (± SD, n = 4).



Supplemental Figure 3. Growth of *Pst* and *Pst* cor⁻ in Col-0 leaves.

Bacterial numbers of *Pst* and *Pst* cor⁻ in leaves of Col-0 plants were determined one day after inoculation (OD = 0.01). Bars represent means (± SD) of cfu per cm^2 from six parallel samples from different plants, each sample consisting of three leaf disks.



Supplemental Figure 4. SAG accumulation in *P. syringae*-treated wild type and SAR-defective mutant plants.

SAG levels in $MgCl_2$-infiltrated and *Psm avrRpm1*-inoculated leaves at 24 hpi (means ± SD, n = 3). Different letters symbolize statistically significant differences between *Psm avrRpm1*-treated plants from distinct lines ($P < 0.05$).