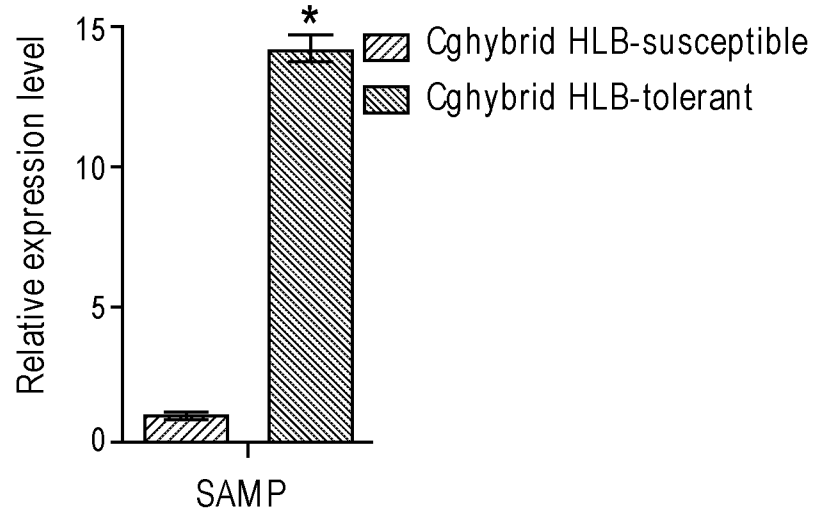
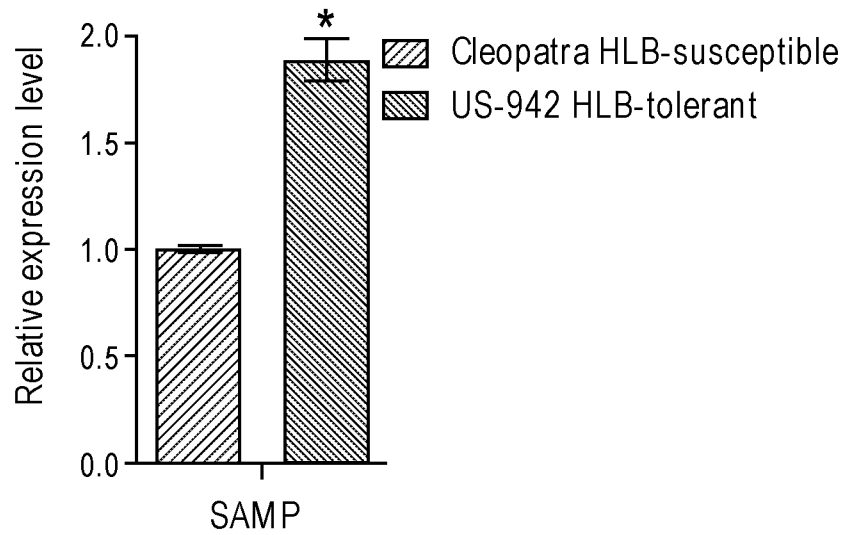


**FIG. 1A****FIG. 1B**

HLB-tolerant citrus varieties or close relatives
express much higher levels of SAMP

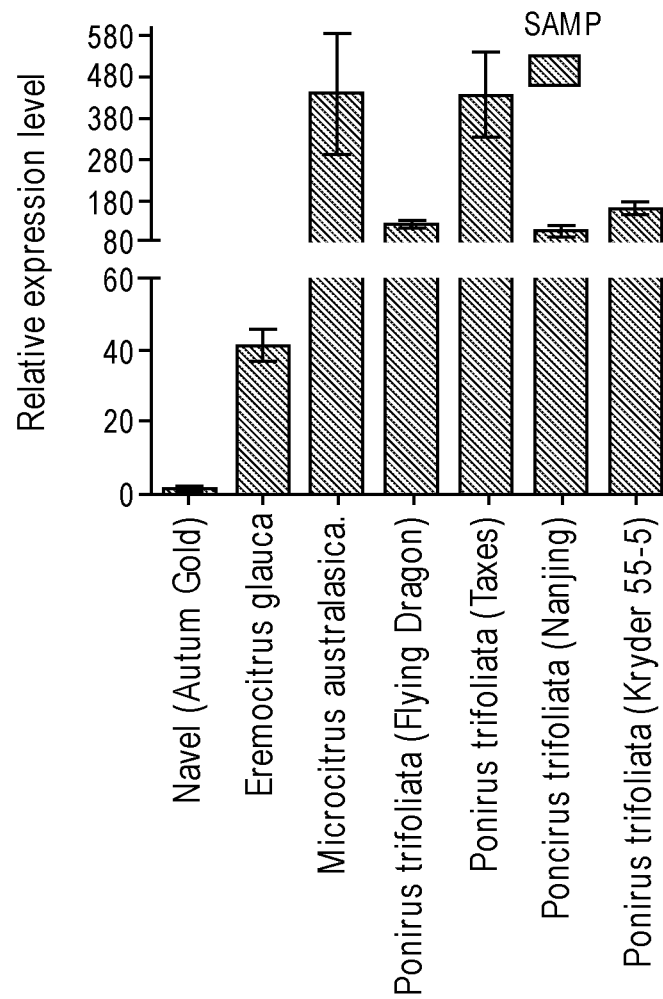
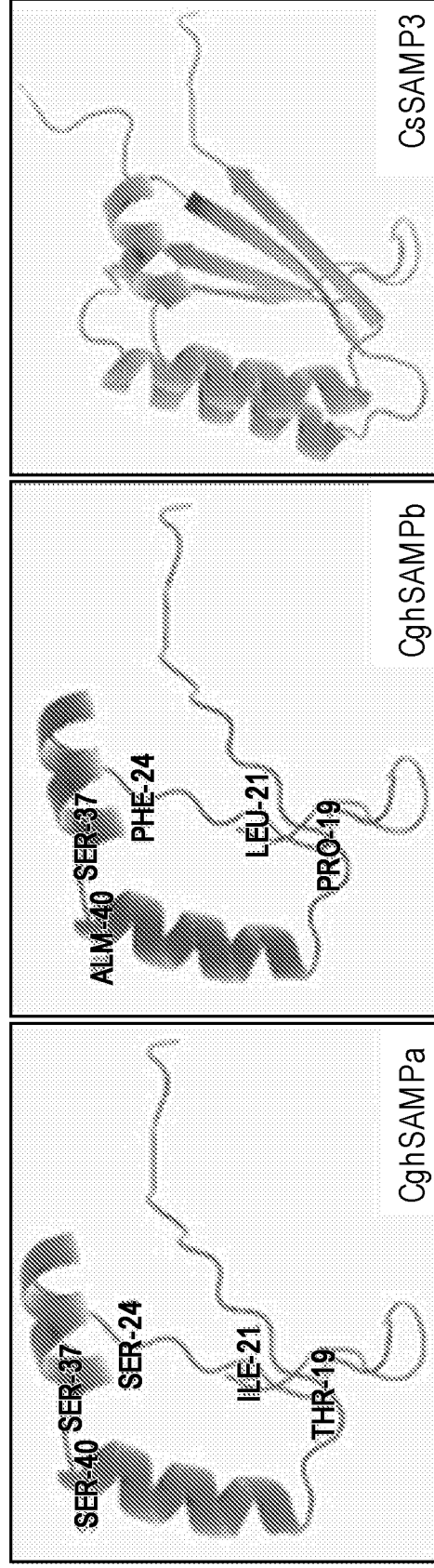
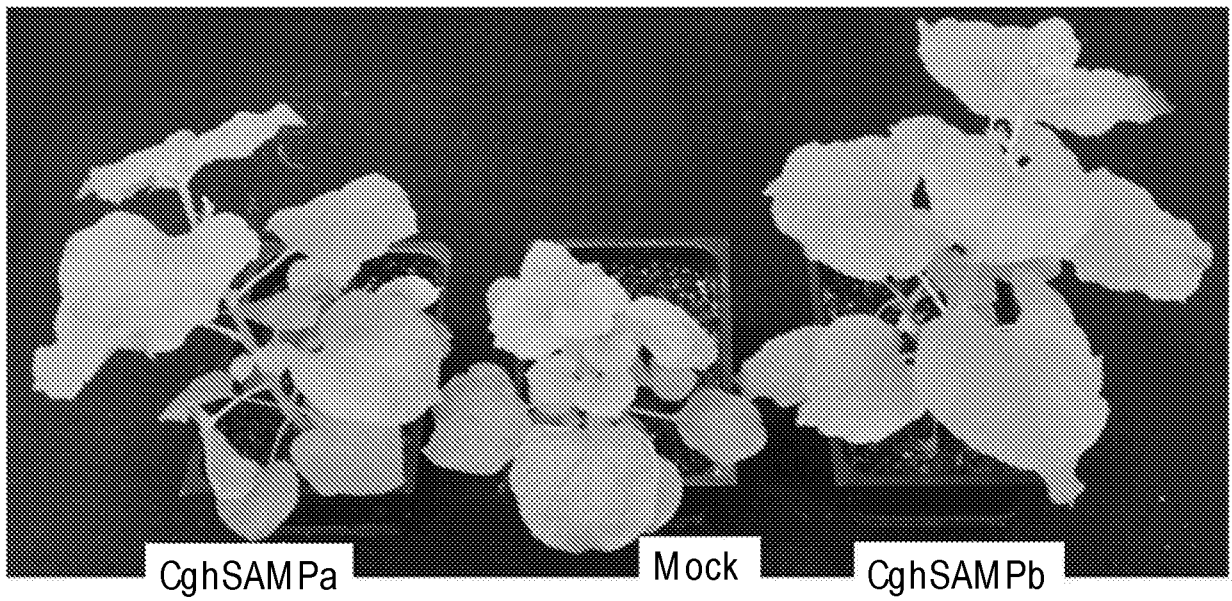
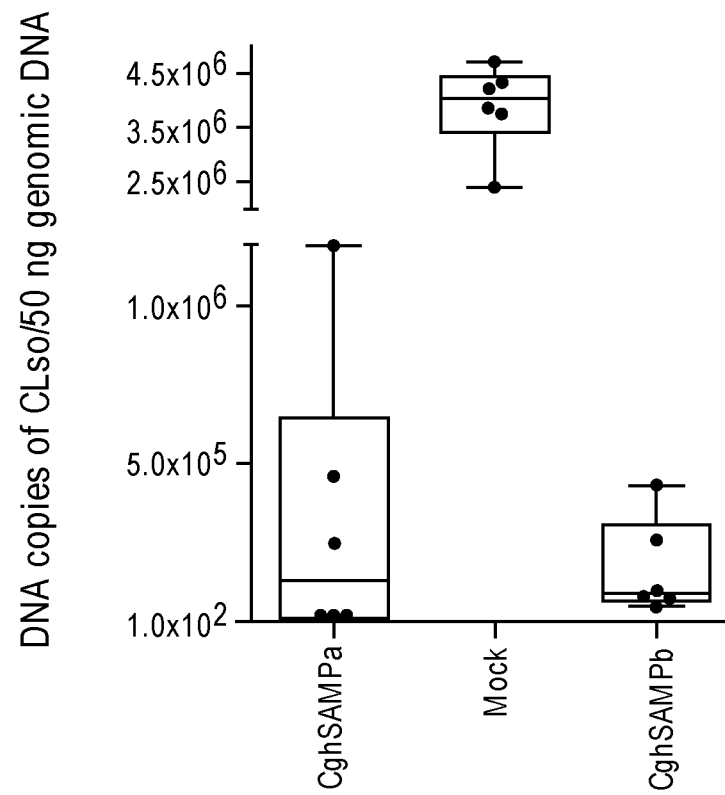
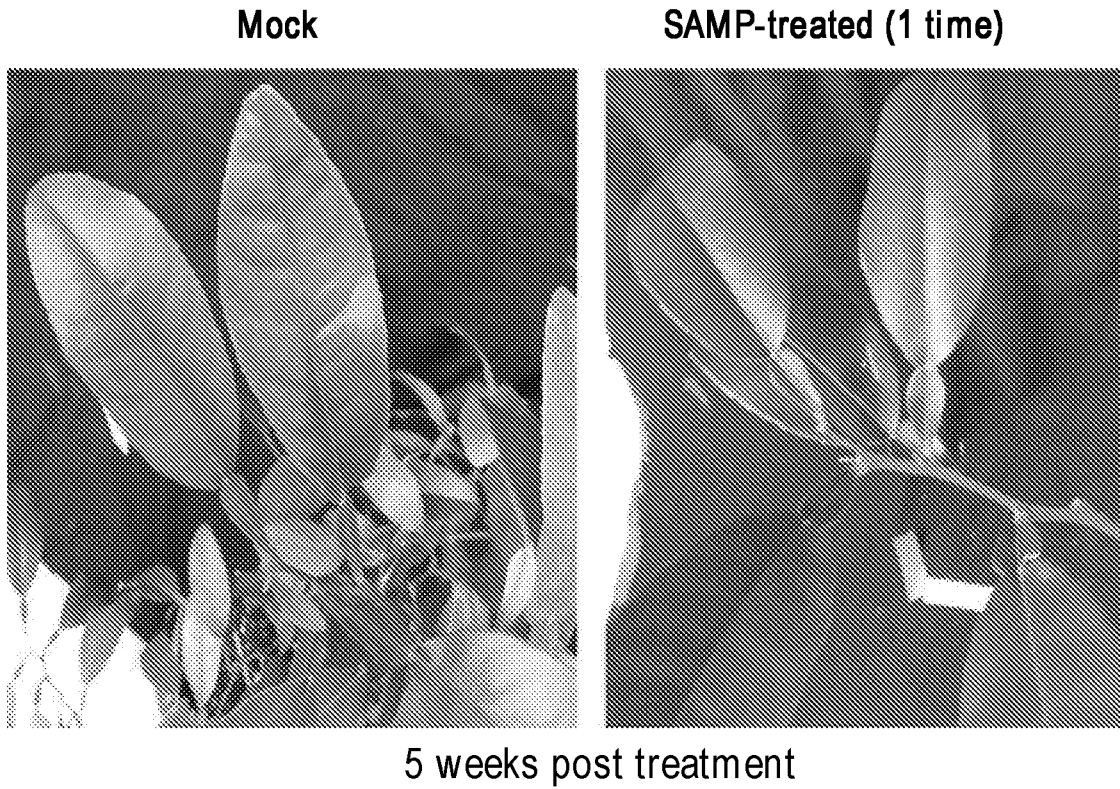
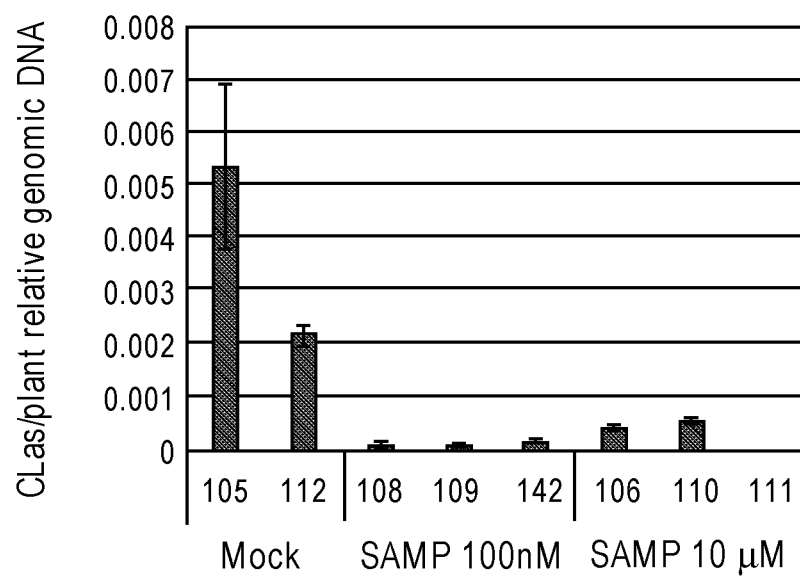


FIG. 1C

**FIG. 2A****FIG. 2B****FIG. 2C**

**FIG. 3A****FIG. 3B**

SAMP treatment on HLB-positive citrus trees**FIG. 4A*****C. Las* titer measurement****FIG. 4B**

SAMP treatment on C. Lso-positive potato plants



FIG. 5A



FIG. 5B

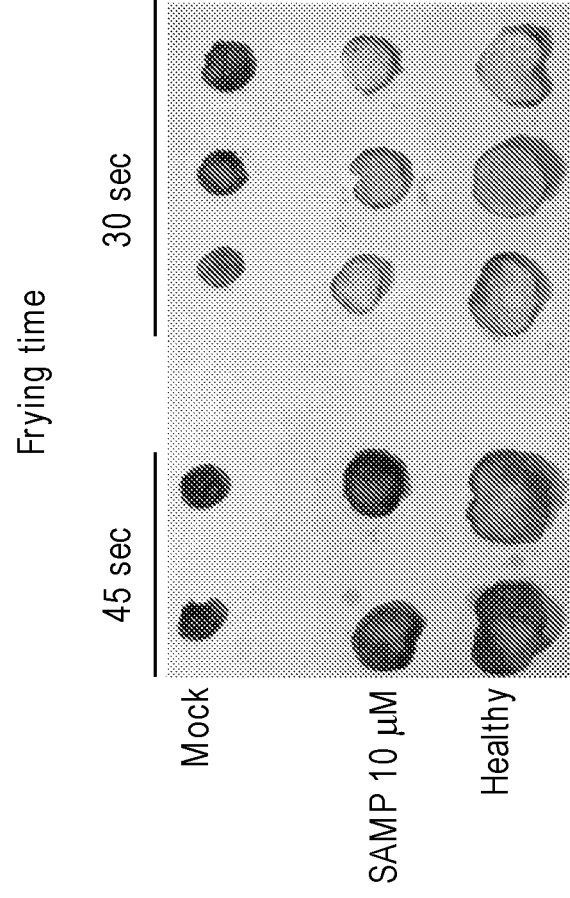
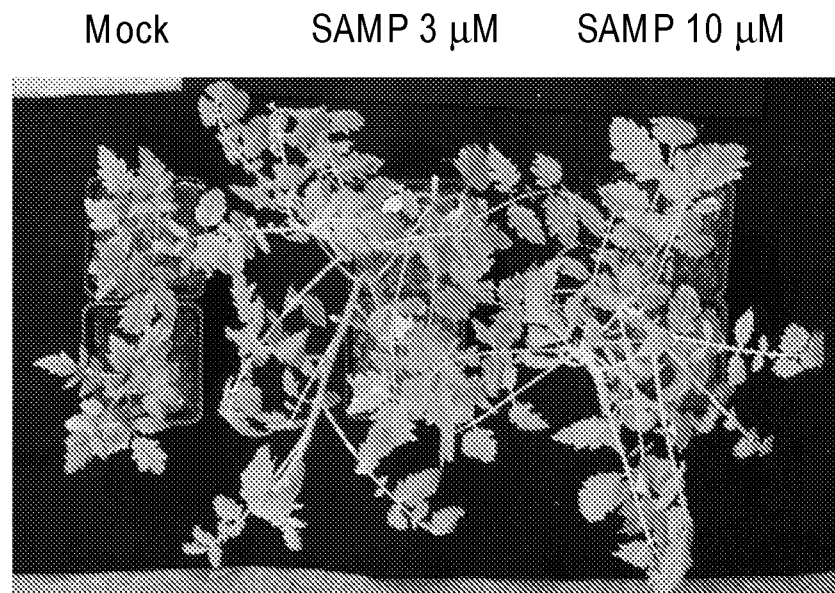
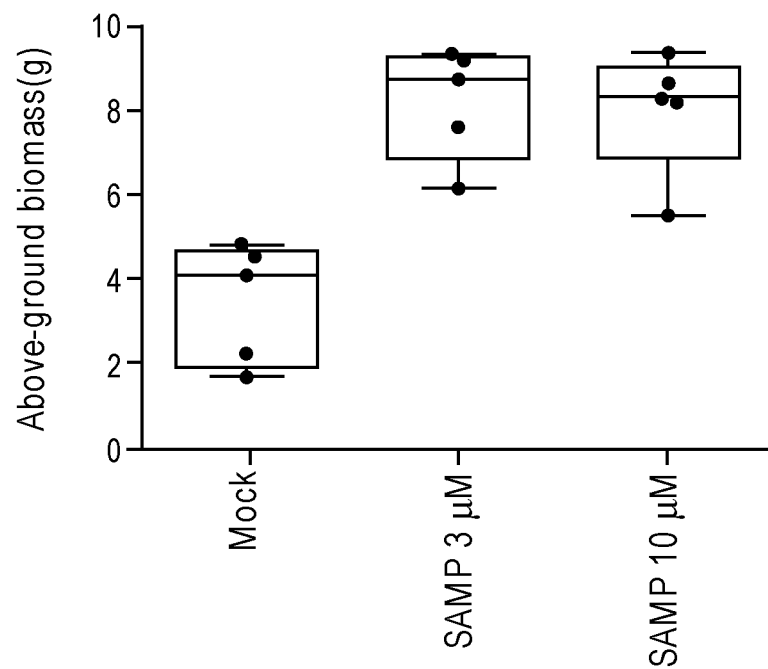
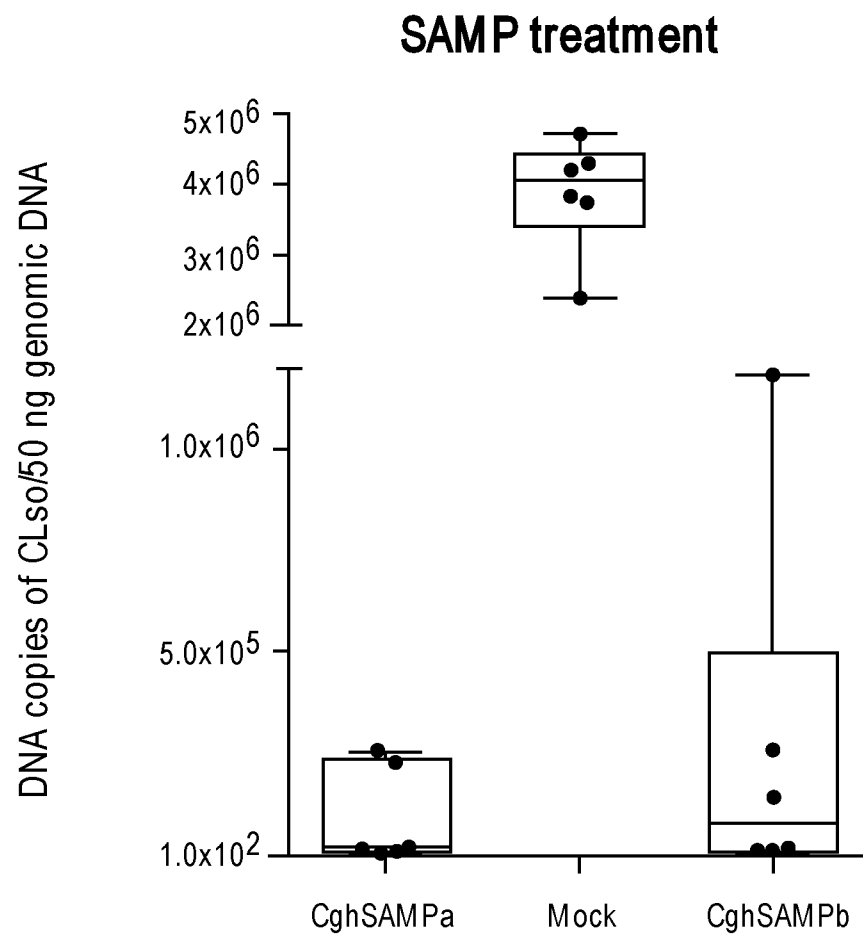


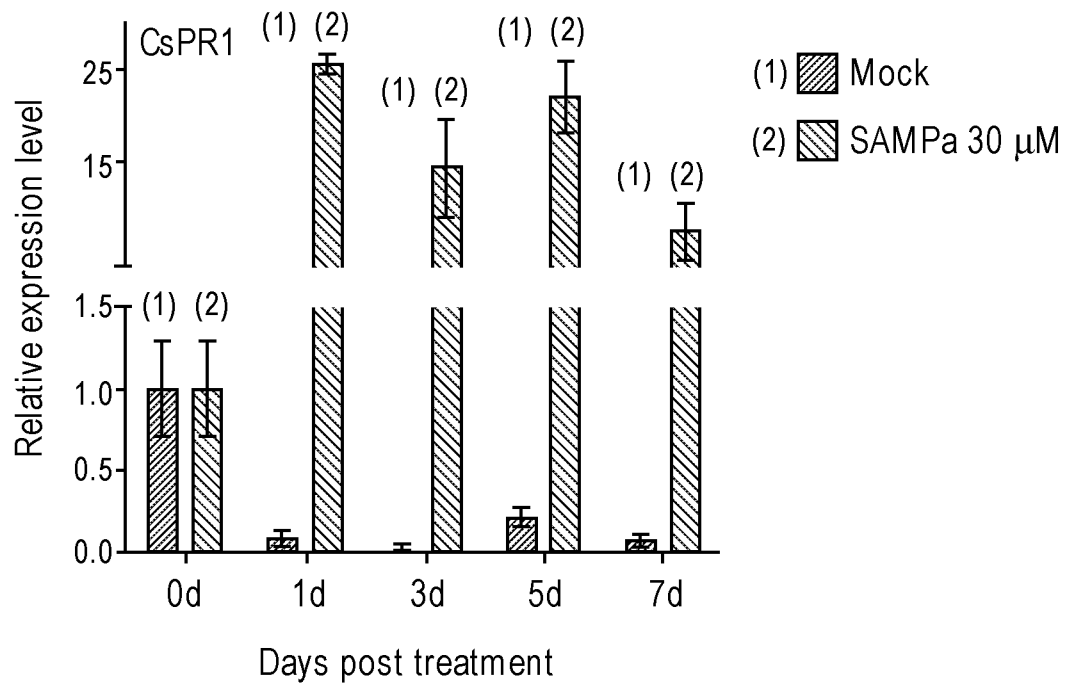
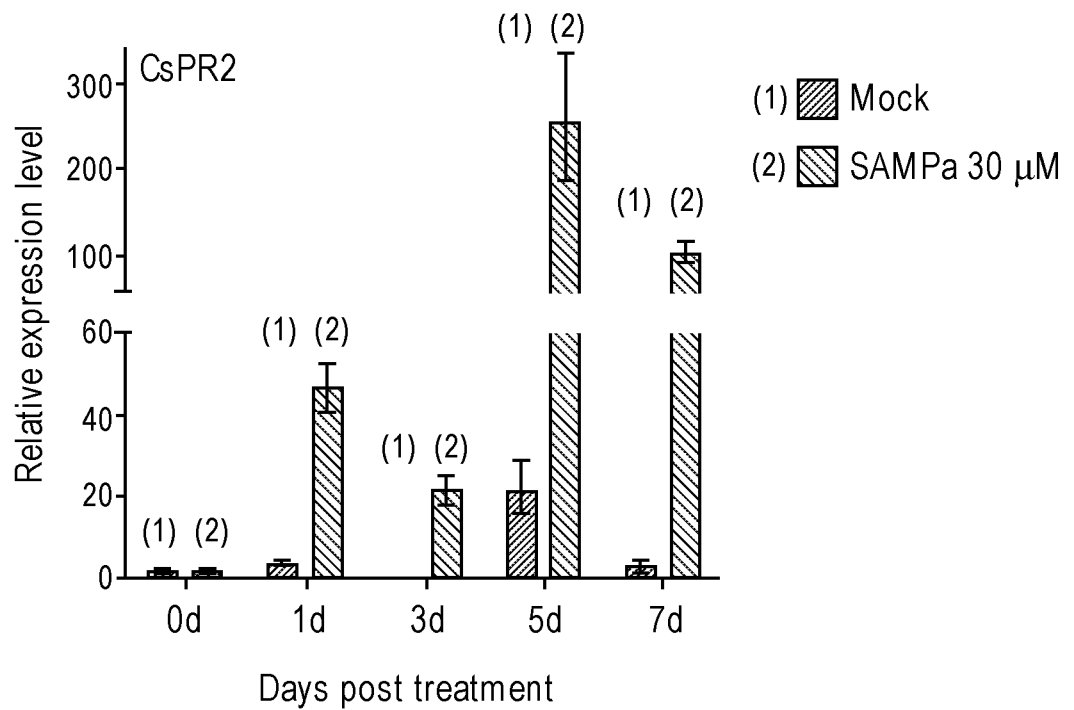
FIG. 5C

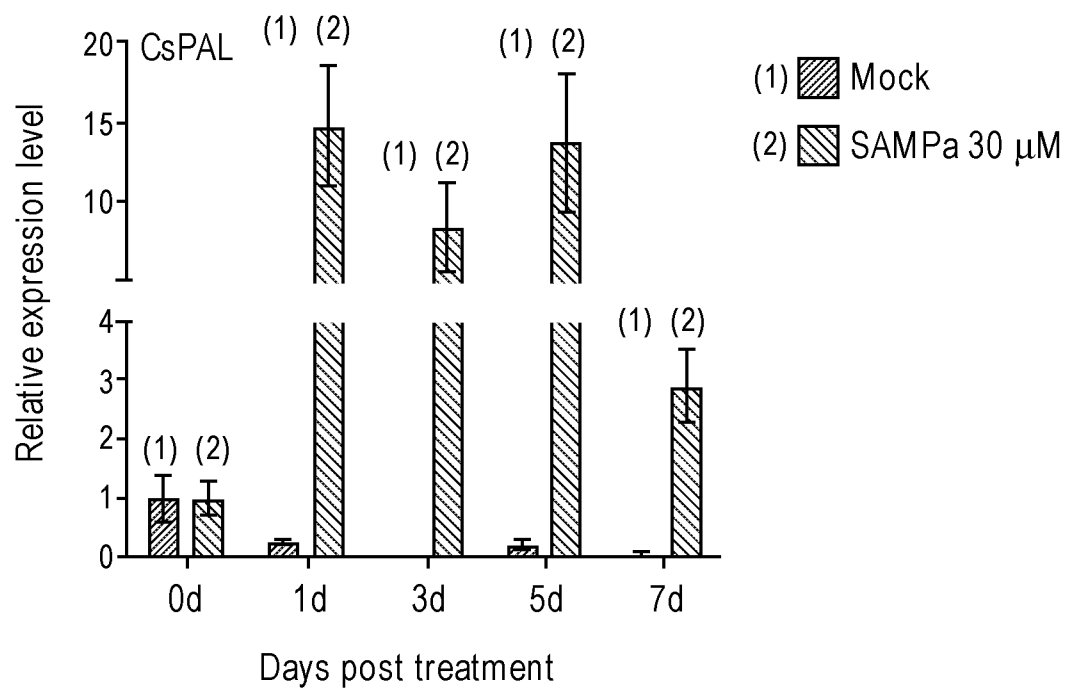
**FIG. 6A**

Biomass of tomato plants pre-treated with SAMP

**FIG. 6B**

**FIG. 7**

**FIG. 8A****FIG. 8B**

**FIG. 8C**

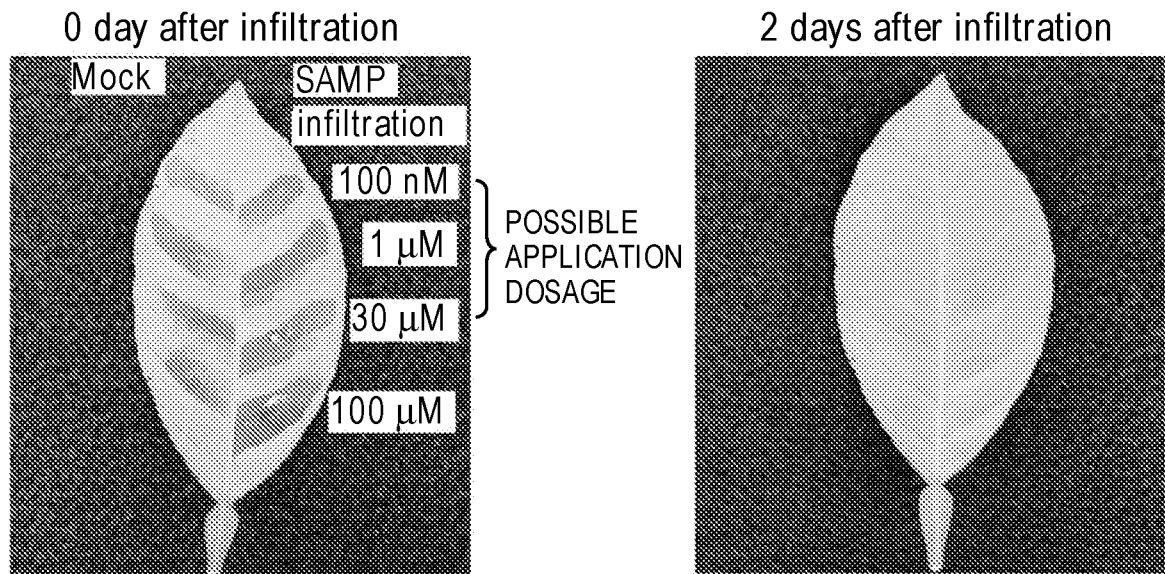
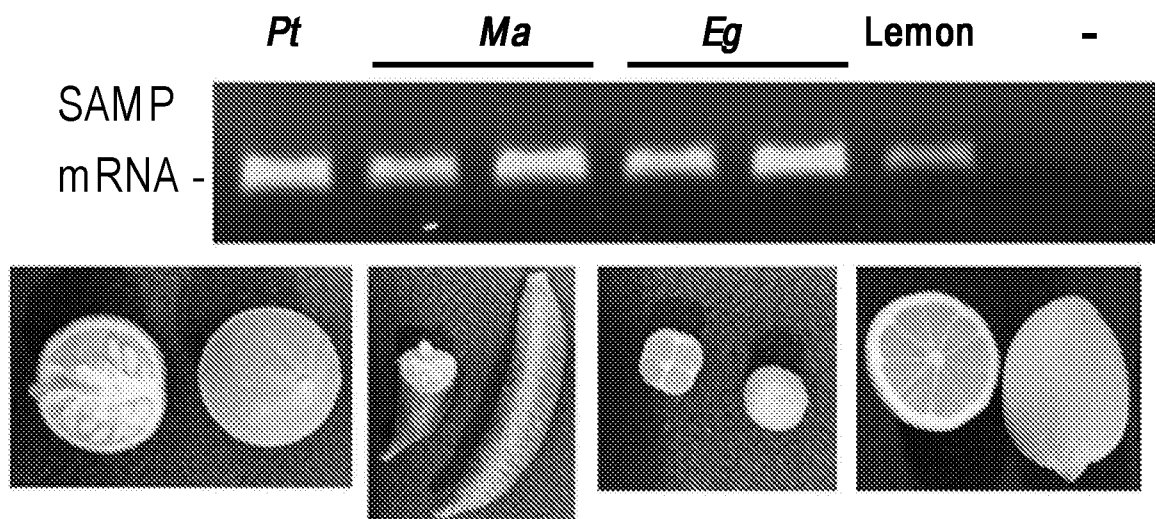


FIG. 9A

FIG. 9B



Pt- *Poncirus trifoliata*

Ma- *Microcitrus australasica* (Australian finger lime)

Eg- *Eremocitrus glauca* (Australian desert lime)

FIG. 10

SAMP is sensitive to human protease pepsin

Incubated with pepsin

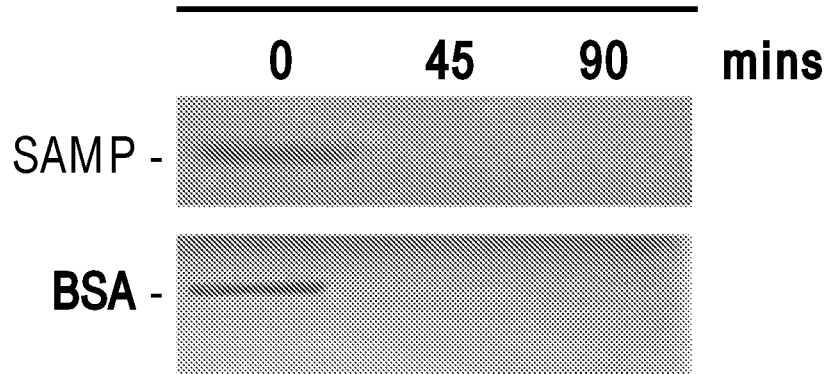
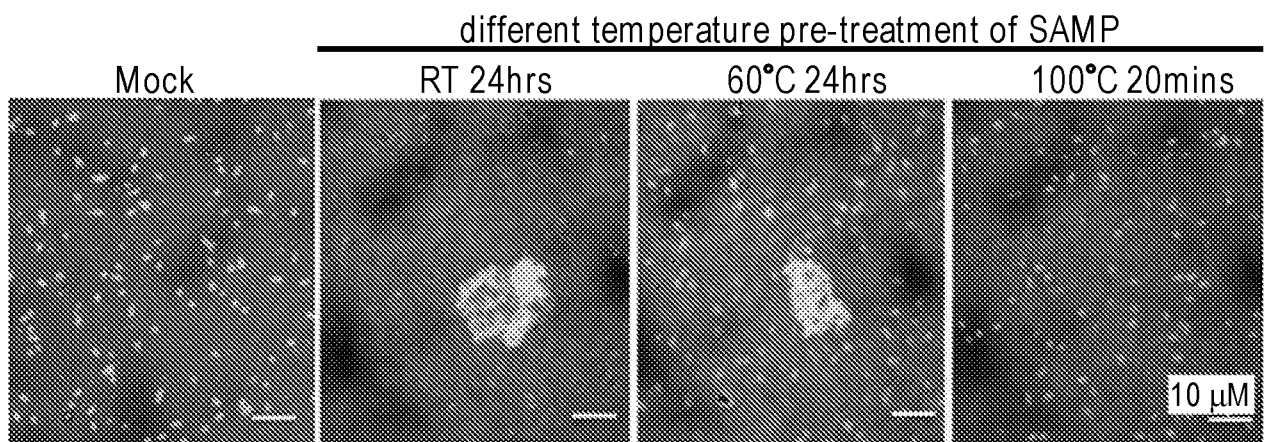


FIG. 11



L. crescens incubated with pre-treated SAMP or buffer only (Mock) for 2 hours

FIG. 12

Incubated with citrus lysate at room temperature

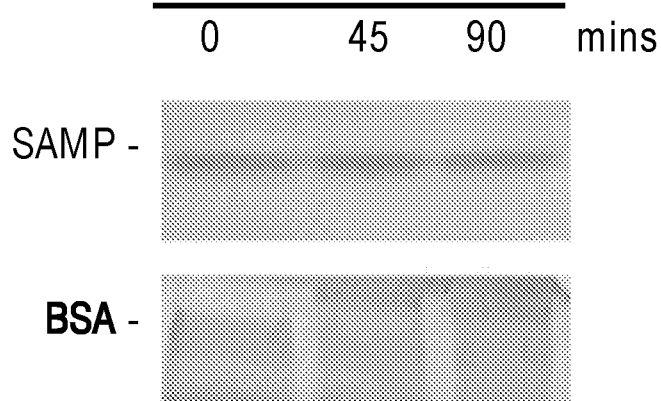
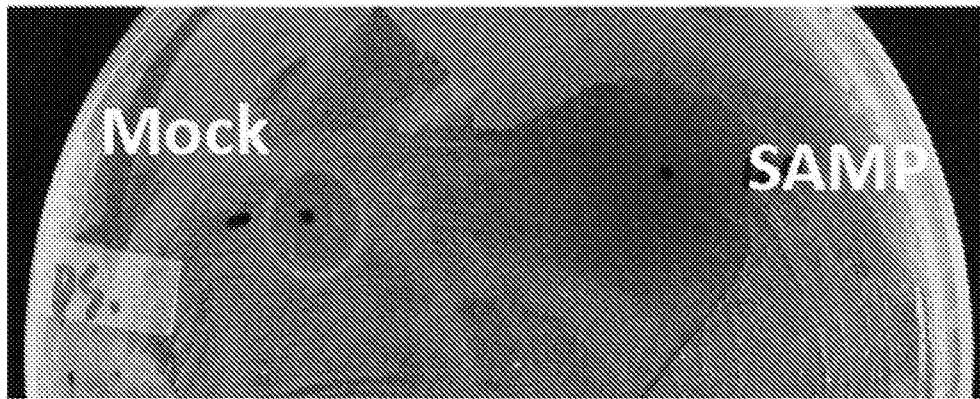
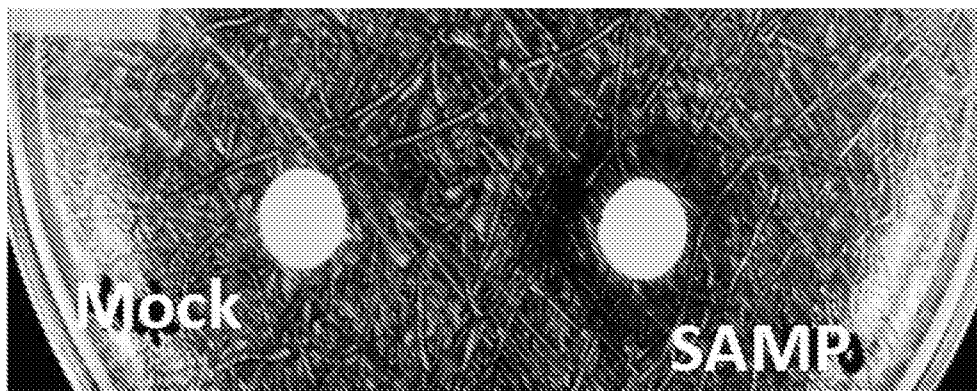


FIG. 13



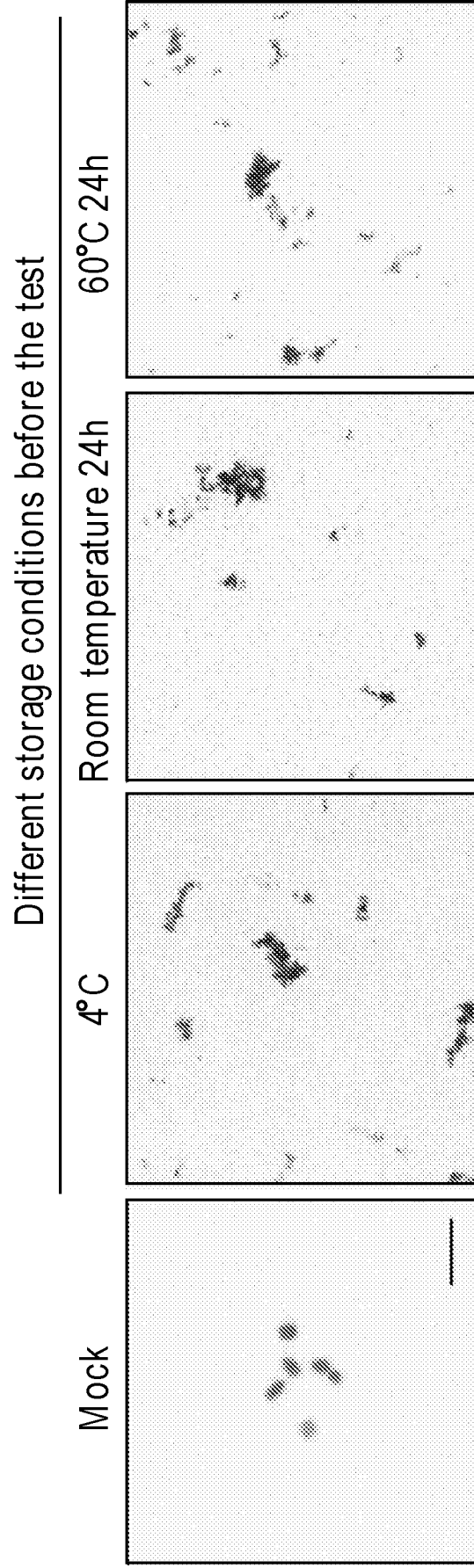
Pseudomonas syringae pv DC3000

FIG. 14A



Agrobacterium tumefaciens

FIG. 14B

**FIG. 15**