



Supplemental Figure S1. Bacterial population of compatible strain of *R. solanacearum* OE1-1 in *NbARP*-silenced and *NbARP*-overexpressing plants. (A) Growth of *R. solanacearum* OE1-1 in control plants and *NbARP*-silenced plants. Bacterial suspension was infiltrated into control plants (PVX) and *NbARP*-silenced (*NbARP*-VIGS) plants. (B) Growth of *R. solanacearum* OE1-1 in *NbARP*-expressing transgenic tobacco and control plants. Bacterial suspension was infiltrated into fully expanded leaves of *GFP*-expressing control (*GFP*) or transgenic tobacco lines (*ARP*-10 and 12). Bacterial population was quantified by plating at specified time points. Values are means of four replicate experiments with standard deviations.

Supplemental Table S1. The primers list used in this study.

Primer	Sequence (5'→3')
M4	GTTTCCCAGTCACGAC
RV	CAGGAAACAGCTATGAC
pGEMT-Pst	ATCGATCCTGCAGGATGGCGGCCGCGGAATCCG
PGEMT-Sal	GTCGACGCGGCCGCGAATTCAC TAGTG
M10-S	ATGGCACCCATTACCAAACATTTCTCCCTTATC
OligodT	CATGGGATGGATCCTGCAGATCTTTTTTTTTTTTTTTT
OligodTAD	CATGGGATGGATCCTGCAGATC
ARP-BglS	AGATCTATGGCACCCATTACCAAACATTTCTCCCTTATC
ARP-SacI	GTCGACGAGCTCTCAATGATAATTGTGGGACACATAACATTCTTTGGC
M10rtpF	CTATTCTCCCTTATCTTTCTCCTTACTC
M10rtpR	TGACCGTCCCTTGCATGA
Actin-rtpF	CGGAATCCACGAGACTACATAC
Actin-rtpR	GGGAAGCCAAGATAGAGC
Hin1 rtpF	CGGTCCACCCGAAGTCAA
Hin1 rtpR	ACGCCCTCGATGAAGTAGTCA