

***New Phytologist* Supporting Information Figs S1 & S2 and Table S1**

Article title: The ubiquitin ligase SEVEN IN ABSENTIA (SINA) ubiquitinates a defense-related NAC transcription factor and is involved in defense signaling

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The following Supporting Information is available for this article:

Fig. S1 Alignment of tomato six SINA ubiquitin ligases.

Fig. S2 A weak interaction between NAC1 and SINA3 identified by the LexA-based Y2H assay.

Table S1 List of primers used in this study

Table S1 Primers used in this study

Primer	Sequence	Purpose
NACFE	5'-CTGGTACCATGAACAAAGGAGCAAACGGAAATC-3'	Forward primer for generating pEG202:: NAC ₁₋₂₆₀ construct
NAC260RB	5'- CAGGATCC TTAAAAATCAAGGGTGTTCCTGTGGTCTTC-3'	Reverse primer for generating pEG202:: NAC ₁₋₂₆₀ construct
SINA1FE	5'-CAGAATTCATGGCTCCCGGAGGCAGTAAC -3'	Forward primer for generating pJG4-5:: SINA1 construct
SINA1RSaII	5'- GTCGACTTACAATGGCTCTCGCCAAATACGCCAGC -3'	Reverse primer for generating pJG4-5:: SINA1 construct
SINA2FE	5'- GTGAATTC ATGGAGTTTGATAGCATTGAATG-3'	Forward primer for generating pJG4-5:: SINA2 construct
SINA2R RSaII	5'- CGTGTCGACTTAACTACAGAGATTTGGTATGC -3'	Reverse primer for generating pJG4-5:: SINA2 construct
SINA3FE	5'- GTGAATTCATGGAGTTGGATAGCATTGAATG-3'	Forward primer for generating pJG4-5:: SINA3 and pMAL-c2::SINA3 constructs
SINA3R RSaII	5'- CATGTCGACTTAAGTACAGAGGTTGGGCATAC -3'	Reverse primer for generating pJG4-5:: SINA3 and pMAL-c2::SINA3 constructs
SINA4FE	5'- GATGAATTCATGGAAGAAATGGAAATGGATAG-3'	Forward primer for generating pJG4-5:: SINA4 construct
SINA4R RSaII	5'- GTAGTCGACCTAGCTACCTAGATTTGGTATG-3'	Reverse primer for generating pJG4-5:: SINA4 construct
SINA5FE	5'-TTGAATTCGAAATGGAGAACATTGAGTGTG -3'	Forward primer for generating pJG4-5:: SINA5 construct
SINA5R RSaII	5'-TTGTCGACGCTACACAGATTCGGTATGCA-3'	Reverse primer for generating pJG4-5:: SINA5 construct
SINA6FE	5'- GTAGAATTCATGGAGTCAGATAGCATTGAA -3'	Forward primer for generating pJG4-5:: SINA6 construct

SINA6RSaII	5'-GTAGTCGACTTAACTACATATTGGTATACATGC-3'	Reverse primer for generating pJG4-5::SINA6 construct
NACFE	5'-CTGAATTCATGAACAAAGGAGCAAACGGAAATC-3'	Forward primer for generating pMAL-C2::NAC1-HA construct
NACR_linker	5'-CATAAAAATACGATAGTAACGGGTGAT-3'	Reverse primer for generating pMAL-C2::NAC1-HA construct
SINA1FK	5'-CAGGTACCATGGCTCCCGGAGGCAGTAAC-3'	Forward primer for generating pBTEX::SINA1-HA construct
SINA1RStuI	5'-TTTAGGCCTCAATGGCTCTCGCCAAATACG-3'	Forward primer for generating pBTEX::SINA1-HA construct
SINA2FK	5'-AGTGGTACCATGGAGTTTGATAGCATTGAATG-3'	Forward primer for generating pBTEX::SINA2-HA construct
SINA2RStuI	5'-CGTAGGCCTACTACAGAGATTTGGTATGC-3'	Reverse primer for generating pBTEX::SINA2-HA construct
SINA3FK	5'-GTTGGTACCATGGAGTTGGATAGCATTGAATG-3'	Forward primer for generating pBTEX::SINA3-HA construct or PART27::SINA3-GFP construct
SINA3RPvuII	5'-CATCAGCTGAGTACAGAGGTTGGGCATAC-3'	Reverse primer for generating pBTEX::SINA3-HA construct
SINA3RSaII	5'-CATGTCGACAGTACAGAGGTTGGGCATAC-3'	Reverse primer for generating PART27::SINA3-GFP construct
SINA4FK	5'-GATGGTACCATGGAAGAAATGGAAATGGATAG-3'	Forward primer for generating pBTEX::SINA4-HA construct
SINA4RPvuII	5'-GTACAGCTGGCTACCTAGATTTGGTATG-3'	Reverse primer for generating pBTEX::SINA4-HA construct
SINA5FK	5'-TTGGTACCATGGAAATGGAGAACATTGAGTGTG-3'	Forward primer for generating pBTEX::SINA5-HA construct
SINA5RPvuII	5'-AAACAGCTGGCTACACAGATTCGGTATGCA-3'	Reverse primer for generating pBTEX::SINA5-HA construct
SINA6FK	5'-GTAGGTACCATGGAGTCAGATAGCATT-3'	Forward primer for generating

		pBTEX::SINA6-HA construct
SINA6RStuI	5'-GTAAGGCCTACTACATATTGGTATACATGC -3'	Reverse primer for generating pBTEX::SINA6-HA construct
NAC1FKpnI	5'-CTGGTACCATGAACAAAGGAGCAAACGGAAATC-3'	Forward primer for generating pART27::NAC1-GFP construct or pBTEX::NAC1-Flag construct
NAC1RKSaII	5'-CGAGTCGACGTAAGGTTTTTGCATGTATAGGAAC-3'	Reverse primer for generating pART27::NAC1-GFP construct or pBTEX::NAC1-Flag construct
NAC1FXbaI	5'-AAGTTCTAGAATGAACAAAGGAGCAAAC -3'	Forward primer for generating NAC1-NYFP construct
NAC1RXhoI	5'-CGACTCGAGGTAAGGTTTTTGCATGTATAGGAAC-3'	Reverse primer for generating NAC1-NYFP construct
SINA3FXbaI	5'-AAGTTCTAGAATGGAGTTGGATAGCATTG-3'	Forward primer for generating SINA3-CYFP construct
SINA3RXhoI	5'-CACTCGAGTTAAGTACAGAGGTTGGGCATAC-3'	Reverse primer for generating SINA3-CYFP construct
Rpi-blb1 ^{D475V} FKpnI	5'-GAGGTACCATGGCTGAAGCTTTCATTCAAG-3'	Forward primer for generating pBTEX::Rpi-blb1 ^{D475V} -HA construct
Rpi-blb1 ^{D475V} RStuI	5'-GAAAGGCCTAATATATATATATTACATTAGG-3'	Reverse primer for generating pBTEX::Rpi-blb1 ^{D475V} -HA construct
Rx ^{D460V} FKpnI	5'-TTGGTACCATGGCTTATGCTGCTGTTACTT-3'	Forward primer for generating pBTEX::Rx ^{D460V} -HA construct
Rx ^{D460V} RPuvII	5'-GAACAGCTGCTCGACATTATTGCGGCAAGAAG-3'	Reverse primer for generating pBTEX::Rx ^{D460V} -HA construct
NbSINASiIF	5'-AAGAATTCAAATGCGACGTGGATGTTAAC-3'	Forward primer for generating TRV2::NbSINA construct
NbSINASiIR	5'- AATCTAGACCAGAAAAGAAAAGGGCCATG-3'	Reverse primer for generating TRV2::NbSINA construct
SINA3RealF	5'- CTTTCCTCCAAGCAGAAGCTTAAA-3'	Forward primer for real-time PCR

		assay of SINA3
SINA3RealR	5'- CACTCTCTGTGTTTCAGATGTGATG-3'	Reverse primer for real-time PCR assay of SINA3
NbSINA3RealF	5'-AATCCTCGAGAAGTTGAAAATGCCA-3'	Forward primer for real-time PCR assay of NbSINA genes
NbSINA3RealR	5'-CCCATAAAACGAAGAAATGCCATGTA-3'	Reverse primer for real-time PCR assay of NbSINA genes
EF1 α F	5'- GGTGGTTTTGAAGCTGGTATCTCC -3'	Forward primer for real-time PCR assay of the EF1- α gene
EF1 α R	5'- CCAGTAGGGCCAAAGGTCACA-3'	Reverse primer for real-time PCR assay of the EF1- α gene

Underlined text represents restriction enzyme sites.

