

Figure S1. *CgNIS1* gene knockout

(A) A 492 bp fragment of the *CgNIS1* coding region were replaced by a 1.4 kb fragment containing the hygromycin B resistance cassette to create *CgNIS1* deletion mutant. (B) Southern hybridization analysis was used to validate the deletion of *CgNIS1* gene and the addition of a single copy integration of the *HPH* gene.

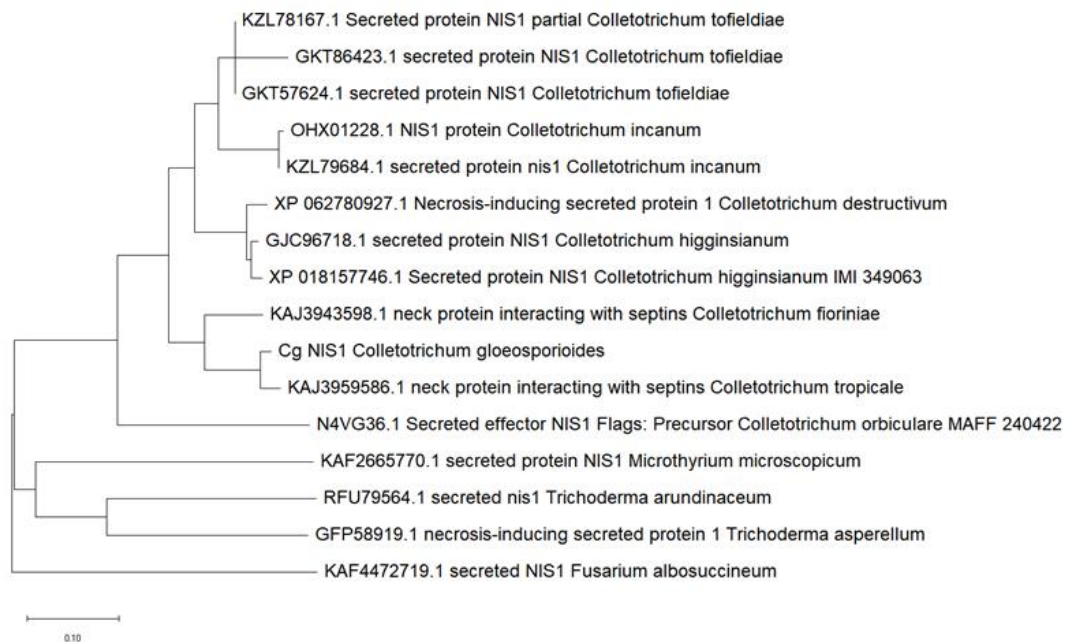


Figure S2. Phylogenetic analysis of NIS1 effectors in different fungi.

Table S1 Primers used in this study.

Primer name	Primer Sequences (5'-3')	Remark
<i>NIS1</i> -UP-F ⁺	CTCGAGGCGCATCCTACCCGAATTTCTCAGCTT	<i>CgNIS1</i> deletion vector construction
<i>NIS1</i> -UP-R ⁺	GTCGACTTTGAATGATTTGTAGGGGGTTGGTGA	
<i>NIS1</i> -DOWN-F ⁺	ACTAGTATGCAGTACGACTTCATGAGCATCGGA	
<i>NIS1</i> -DOWN-R ⁺	GCGGCCGCTCGTTGTGTACTCCATGTCTTCTTTGC	
<i>NIS1</i> -F	ATGCAGTTCCGCGCTTCCATCGCCGCC	Amplification of <i>CgNIS1</i> probe for Southern blot
<i>NIS1</i> -R	TTACTGGCTGCCGACGTAGTTCTCGCT	
<i>NIS1</i> -C-F	GATAAGCTTGGAAGTAACGTTGAA TTTCGGAGAGCT	Complemented vector construction of <i>CgNIS1</i>
<i>NIS1</i> -C-R	AGAACTAGTTTACTGGCTGCCGACGTA GTTCTCGCT	
<i>NIS1</i> -GFP-F	GGTACCACCA TGCAGTTCCGCGCTTCCATCGCC	pBin:: <i>CgNIS1</i> ::eGFP vector construction
<i>NIS1</i> -GFP-R	CCCGGGAGATTACTGGCTGCCGACGTAGTTCTC	
<i>HPH</i> -F	GGAGGTCAACACATCAATG	Primer for <i>HPH</i> gene
<i>HPH</i> -R	CTCTATTCCTTTGCCCTCG	