Table 1 Suppl. Primer pairs and amplification conditions used in this work (* - PCR product size is 410 bp).

Target transcripts	Primer pair	Primer sequences 5′→ 3′	Annealing temperature [ºC]	RT-PCR product size [bp]
class III RNases	C2f	AACTTTACRATYCAYGRCTTTG	47.4	~420
s (C2-C5)	C5r	RAAACATATRCCWAYCTC		
class III RNases	C2f	AACTTTACRATYCAYGRCTTTG	47.4	~280
(C2-C4)	C4r	CARAAGATCAAACTTRTCT		
NaPi/S_x-RNase	NaPi/S_xf	GCGACCCTGATGCGTTAT	64.5	297*
	NaPi/S_xr	CTGTCATTATGGGGCGTTCG		
S_{c10}-RNase	Sc10f	GACCTAACCACCGCAGAAAC	63	312
	Sc10r	CATCGAGTCGAAACATATGCC		
S_{107}-RNase	S107f	TTACGCCAAGCAGAAACAACTCC	60.5	106
	S107r	GCGCATGGCTAATCTAAAATA		
S_{210}-RNase	S210f	TCAAGGACGACCAGAAATG	62	304
	S210r	TCGACGFCACTTGACCTTAG		
S_{27}-RNase	S27f	CAGGCTTATGGTTTGAA	51	232
	S27r	TAGGAGCCTTATTATTAGTA		
Actin	Actinf	TGGAGAAGATATGGCATCATAC	55.7	840
	Actinr	CTGGAAGGTGCTGAGGGAAG		

Table 2 Suppl. *GenBank* accession numbers for ribonuclease sequences used in Fig. 2 of this work.

Species	Sequence	Accession number
Nicotiana alata	NaPi/Sx-RNase_Nicala	KY711337
Nicotiana alata	RNase-NE_Nicala	U13256
Nicotiana alata	S27_Nicala	GQ375153
Nicotiana alata	S107_Nicala	GQ375154
Nicotiana alata	S210_Nicala	GQ375155
Nicotiana alata	Sc10_Nicala	U45959
Nicotiana alata	S6_Nicala	U08861
Nicotiana alata	S2_Nicala	X03803
Nicotiana alata	S70_Nicala	GQ375150
Nicotiana alata	NnSR1	GQ850520.1
Nicotiana alata	S75_Nicala	GQ375152
Nicotiana alata	NnSR2	GQ375151.1
Solanum lycopersicum	RNase-LE_Sollyc	NP001234195
Solanum lycopersicum	RNase-LX_Sollyc	NP001234551
Solanum lycopersicum	RNase-LER_Sollyc	CAL64053
Nicotiana glutinosa	RNase-NW_Nicglu	BAC77613.1
Nicotiana glutinosa	RNase-NGR3_Nicglu	BAA84469
Nicotiana glutinosa	RNase-NGR2_Nicglu	BAA84468
Arabidopsis thaliana	RNS1_Aratha	U05206
Arabidopsis thaliana	RNS2_Aratha	M98336
Solanum chilense	S3_Solchi	EF680103
Solanum chilense	S20_Solchi	EF68098
Solanum chilense	S13_Solchi	EF680107
Solanum chilense	S7_Solchi	EF680109
Solanum chilense	S17_Solchi	EF680102
Solanum chilense	S4_Solchi	EF680094
Solanum chilense	S2_Solchi	EF680089
Solanum chilense	S27_Solchi	EF680079
Solanum chilense	S9_Solchi	EF680093
Solanum chilense	S10_Solchi	EF680088
Aspergillus oryzae	RNase-T2_Aspory	X61086

Table 3 Suppl. Segregation analysis of the class III RNase gene *NaPi/S_x-RNase.* [a] (+:-) means presence or absence of the *NaPi/S_x-RNase* gene detected by PCR;. [b] - expected ratio if *NaPi/S_x-RNase* and *S_{107}R-Nase* segregates independently.

Cross	Progeny analyzed	Observed ratio [a](+:-)	[b]Expected ratio (+ : -)	X^2 (*P*-value)
♀ *S_{107}NaPi/S_x*× ♂ *$S_{c10}S_{210}$*	39	18:21	1:1	0.22 (0.6)