Table S1. List of abbreviations and acronyms used in this review.

Abbreviation	Full-term
AMV	Alfalfa mosaic virus
As	*Alternaria solani*
avr	avirulence
Bc	*Botrytis cinerea*
Ch2	Chile-2
Cmm	*Clavibacter michiganensis subsp. michiganensis*
CMV	Cucumber mosaic virus
CMV-Fny	Cucumber mosaic virus subgroup I - strain Fny
CMV^{N}	Cucumber mosaic virus necrogenic strain
CMW-Q	Cucumber mosaic virus subgroup II - strain Q
CP	coat protein
CpCDV	Chickpea chlorotic dwarf virus
CPs	*Candidatus* Phytoplasma solani
CRISPR/Cas	*clustered regularly interspaced short palindrome repeats/CRISPR-associated protein*
DAS-ELISA	double antibody sandwich enzyme-linked immunosorbent
DMR6	downy mildew resistance 6
ELISA	enzyme-linked immunosorbent assay
EMDV	Eggplant mottled dwarf virus
EPPO	European Plant Protection Organization
EU-tom	EU-tomato
f. sp.	formae speciales
Fol	*Fusarium oxysporum* f. sp. *lycopersici*
Forl	*Fusarium oxysporum* f. sp. *radicis-lycopersici*
HIGS	*Host-induced gene silencing*
hpRNA	hairpin RNA
I	immunity
IC-RT-PCR-multiplex	immunocapture-reverse transcription-polymerase chain reaction-multiplex
LAMP	loop-mediated isothermal amplification
MEAM1	Middle East-Asia Minor 1
MED	Mediterranean
Mha	Mega hectare
MP	movement protein
nt	nucleotide
ORFs	open reading frames
PCR	polymerase chain reaction
PE	Peruvian
PepMV	Pepino mosaic virus
PMoV	Parietaria mottle virus
Pst	*Pseudomonas syringae* pv. *tomato*
PSTVd	Potato spindle tuber viroid
PTGS	post transcriptional gene silencing
Table S1. continued	
Pto	resistance gene to *Pseudomonas syringae* pv. *tomato*

pv.	pathovar
PVY	potato virus Y
PZSV	Pelargonium zonate spot virus
QoIs	quinone outside inhibitors
RdRp	RNA-dependent RNA polymerase
RNAi	RNA interference
RT-HDA	reverse transcription-helicase-dependent amplification
RT-LAMP	reverse transcription-loop-mediated isothermal amplification
RT-PCR	reverse transcription- polymerase chain reaction
SDHIs	succinate dehydrogenase inhibitors
SIGS	*Spray-induced gene silencing*
SIX	secreted in xylem
Sl	*Septoria lycopersici*
sRNAs	small RNA molecules
ssDNA	single-stranded DNA
ssRNA+	single-stranded positive RNA
STV	Southern tomato virus
TASVd	Tomato apical stunt viroid
TGB	Triple gene block
TI-1	Tomato-Ilarvirus-1
TICV	Tomato infectious chlorosis virus
TMV	Tobacco mosaic virus
ToBRFV	Tomato brown rugose fruit virus
ToCV	Tomato chlorosis virus
ToLCNDV	Tomato leaf curl New Delhi virus
ToMV	Tomato mosaic virus
ToTV	Tomato torrado virus
TSWV	Tomato spotted wilt virus
TYLCD	Tomato yellow leaf curl disease
TYLCV	Tomato yellow leaf curl virus
TYLCSV	Tomato yellow leaf curl Sardinia virus
UTR	untranslated region
VCGs	vegetative compatibility groups
Vd	*Verticillium dahliae*