

**S1 Table: Source and accession numbers of mitochondrial sequences**

<b>Species</b>	<b>Suffix</b>	<b>Source</b>	<b>Accession</b>
<i>Meloidogyne incognita</i>	D	Genbank	NC_024097
	L	EMBL ENA	PRJEB8714
<i>Meloidogyne javanica</i>	D	Genbank	KP202352
	L	EMBL ENA	PRJEB8714
<i>Meloidogyne arenaria</i>	D	Genbank	KP202350
	L	EMBL ENA	PRJEB8714
<i>Meloidogyne floridensis</i>	D	Genbank	CCDZ00000000.1
<i>Meloidogyne enterolobii</i>	D	Genbank	KP202351
<i>Meloidogyne hapla</i>	D	Genbank	ABLG00000000.1
<i>Meloidogyne chitwoodi</i>	D	Genbank	NC_024096
<i>Meloidogyne graminicola</i>	D	Genbank	KJ139963
	D'	Genbank	NC_024275
<i>Pratylenchus vulnus</i>	D	Genbank	NC_020434