

Table S1: *Tetranychus* species screened for the presence of TuaDV. In yellow and in green: samples that have been fully and partially sequenced respectively. * represents species from rearings for more than one year.

General Information			Lab/Field information				
Species	Population	Form	Country	Sampling location	Sampling date	Initial number of mites	plant
<i>T. urticae</i> *	R5	Green	Netherlands	Netherlands	2009	300	Bean
<i>T. urticae</i> *	Santpoort 2	Green	Netherlands	Santpoort	2001	~250	Bean
<i>T. urticae</i> *	BE	Green	Belgium	Ghent	NA	NA	Bean
<i>T. urticae</i> *	Nice-Valbonne	Green	France	Nice-Valbonne	2012	NA	Bean
<i>T. urticae</i>	HFM	Green	Portugal	Herdade do Freixo do Meio - Montemor-o-Novo	2017	80	Tomato
<i>T. urticae</i>	MON	Green	Portugal	Quinta Vidigal - Montemor-o-novo	2017	150	Tomato
<i>T. urticae</i>	ALP	Green	Portugal	Agrial - Alpiarça	2017	90	Tomato
<i>T. urticae</i>	DEF	Green	Portugal	Alvalade - Lisbon	2017	300	Tomato
<i>T. urticae</i> *	AMP	Red	Portugal	Aldeia da Mata Pequena	2017	60	Bean
<i>T. urticae</i>	AMP.2	Red	Portugal	Aldeia da Mata Pequena	2017	30	Bean
<i>T. cinnabarinus</i> *	SB9	Red	Crete	MIX	2006	Selection x females	Bean
<i>T. cinnabarinus</i> *	SB9.2	Red	Crete	MIX	2006	100	Bean
<i>T. cinnabarinus</i>	CHA2	Red	Portugal	Lagos	2017	50	Tomato
<i>T. cinnabarinus</i>	BF	Red	Portugal	Lourinhã	2017	50	Tomato
<i>T. cinnabarinus</i>	PBT	Red	Portugal	Gradil (monte gordo)	2017	70	Tomato
<i>T. cinnabarinus</i>	LIM	Red	Portugal	Lagoa	2017	500	Tomato
<i>T. cinnabarinus</i>	6M2	Red	Portugal	Chamusca	2017	100	Tomato
<i>T. evansi</i> *	BR	T2	Brazil	unknown	2002	300	Tomato
<i>T. evansi</i> *	GH	T1	Portugal	Uni Lisbon	NA	80	Tomato

<i>T. evansi</i> *	QL	T1	Portugal	Quinta das Lameiras	2013	500	Tomato
<i>T. evansi</i>	CG	T2	Portugal	C7 (campo grande) - Lisbon	2017	320	Tomato
<i>T. evansi</i>	VC	T2	Portugal	Parque urbano do vale de Chelas - Lisbon	2017	80	Tomato
<i>T. evansi</i>	ER	T2	Portugal	Ericeira - Ericeira	2017	100	Tomato
<i>T. evansi</i>	QG	T1	Portugal	Quinta da Granja (Colombo) - Lisbon	2017	180	Tomato
<i>T. evansi</i>	PBS	T1	Portugal	Parque da Bensaude (Laranjeiras) - Lisbon	2017	150	Tomato
<i>T. evansi</i>	6M1	T1	Portugal	Lagos	2017	400	Tomato
<i>T. evansi</i>	VIT	T1	Portugal	Vitacress - Alcochete	2017	300	Tomato

Table S2: Sequences of TuaDV primers.

Primer name	Primer sequence	Primer length
20 F	GAGCCTTCAACTAGCACAGC	20
61 F	ACCTGGTGGGAAGCTTACGAC	20
639 R	GGCATAATTGAAGGCTCGTTCC	22
556 F	AAACTTTGTACGTGGACAAAAC	23
1,125 F	AGCAGCATTAGATTGAACAGGT	24
1,203 F	TCAACTGGACAATCTCAACAACC	22
1,793 R	ACACTGGTTCAAATAGCTTATGCA	24
2,070 R	TCAAATCTACACGGCTGGTT	20
1,230 R	TATTGTAATTATCAATTCA	20