

Table 1.1 – Sequencing studies of bacterial spider symbionts.

Study	Method	n	Spider species investigated	Symbionts Investigated*
(Rowley <i>et al.</i> , 2004)	Directed PCR	24	20 different	W
(Goodacre <i>et al.</i> , 2006)	Directed PCR	312	119 different	W, R, S
(Duron <i>et al.</i> , 2008)	Directed PCR	516	26 different	W, C
(Baldo <i>et al.</i> , 2008)	Directed PCR	126	10 different	W
(Gunnarsson <i>et al.</i> , 2009)	Directed PCR	36	<i>Pityohyphantes phrygianus</i>	W, R
(Goodacre <i>et al.</i> , 2009)	Directed PCR	1568	<i>Erigone atra</i>	W, R
(Martin and Goodacre, 2009)	Directed PCR	44	16 different	C
(Perlman <i>et al.</i> , 2010)	Directed PCR	49	21 different	W, C
(Vanthournout <i>et al.</i> , 2011)	Directed PCR	110	<i>Oedothorax gibbosus</i>	W
(Yun <i>et al.</i> , 2011)	Directed PCR	560	<i>Hylyphantes Graminicola</i>	W
(Stefanini and Duron, 2012)	Directed PCR	510	<i>Holocnemus pluchei</i>	C
(Jin <i>et al.</i> , 2013)	Directed PCR	1000	37 different	W, C, S
(Curry <i>et al.</i> , 2015)	Directed PCR	44	<i>Mermessus fradeorum</i>	W, R
(Yan <i>et al.</i> , 2015)	Directed PCR	970	33 different	W
(Vanthournout and Hendrickx, 2015)	Full 16s	20	<i>Oedothorax gibbosus</i>	all
(Wang <i>et al.</i> , 2016)	Directed PCR	84	<i>Telema cordata</i> , <i>Telema cucurbitina</i>	W
(Zhang <i>et al.</i> , 2017)	Full 16s	3	<i>Marpiss magister</i>	all
(Zhang <i>et al.</i> , 2018)	Full 16s	74	8 different	all
(Vanthournout <i>et al.</i> , 2018)	Full 16s	6	<i>Stegodyphus dumicola</i> , <i>Stegodyphus mimosarum</i>	all
(White <i>et al.</i> , 2019)	Directed PCR & Full 16s	267 (110)	14 different	W, R, C (all)
(Hu <i>et al.</i> , 2019)	Full 16s	18	<i>Nurscia albofasciata</i> , <i>Pardosa astrigera</i> , <i>Pardosa laura</i>	all
(Sheffer <i>et al.</i> , 2020)	Full 16s	6	<i>Argiope bruennichi</i>	all
(Busck, Settepani, <i>et al.</i>)	Full 16s	216	<i>Stegodyphus dumicola</i> , <i>Stegodyphus mimosarum</i> , <i>Stegodyphus sarasinorum</i>	all
(Busck, Lund, <i>et al.</i>)	Full 16s	569	<i>Stegodyphus dumicola</i>	all

*W: *Wolbachia*, R: *Rickettsia*, C: *Cardinium*, S: *Spiroplasma*, all: any bacterium whose 16S rRNA gene matches the commonly used bacterial PCR primers.