

Supplementary Material S1. Sequences of oligonucleotide primers used for the detection and distinction of *Brucella* spp. using the 16S-23S ribosomal DNA interspacer region (ITS), AMOS, and Bruce-ladder PCR assays.

PCR name	Primer name	Sequence (5'-3')	Targets	Size (bp)	Conc. (μM)	References
ITS	ITS66 f	ACATAGATCGCAGGCCAGTCA	<i>16s-23s</i> <i>rRNA</i>	214	0.2	(Keid et al., 2007)
	ITS279r	ACATAGATCGCAGGCCAGTCA				
A	<i>B. abortus</i>	GAC GAA CGG AAT TTT TCC AAT CCC	<i>IS711</i>	498	0.1	(Bricker & Halling, 1994)
M	<i>B. melitensis</i>	AAA TCG CGT CCT TGC TGG TCT GA		731	0.1	
O	<i>B. ovis</i>	CGG GTT CTG GCA CCA TCG TCG GG		976	0.1	
S	<i>B. suis</i>	GCG CGG TTT TCT GAA GGT GGT TCA		285	0.1	
	<i>IS 711</i>	TGC CGA TCA CTT AAG GGC CTT CAT		-	0.2	
BRUCE- LADDER	BMEI0998f	ATC CTA TTG CCC CGA TAA GG	<i>wboA</i>	1682	6.25	(Garcia-Yoldi, Marín, & Lopez-Goni, 2005; Vemulapalli et al., 1999)
	BMEI0997r	GCT TCG CAT TTT CAC TGT AGC				
	BMEI0535f	GCG CAT TCT TCG GTT ATG AA	<i>bp26</i>	450	6.25	(Cloeckert, Grayon, & Grepinet, 2000)
	BMEI0536r	CGC AGG CGA AAA CAG CTA TAA				
	BMEII0843f	TTT ACA CAG GCA ATC CAG CA	<i>omp31</i>	1071	6.25	(Vizcaino, Verger, Grayon, Zygmunt, & Cloeckert, 1997)
	BMEII0844r	GCG TCC AGT TGT TGT TGA TG				
	BMEI1436f	ACG CAG ACG ACC TTC GGT AT	<i>Deacetylase</i>	794	6.25	(Rajashekara, Glasner, Glover, & Splitter, 2004)
	BMEI1435r	TTT ATC CAT CGC CCT GTC AC				
	BMEII0428f	GCC GCT ATT ATG TGG ACT GG	<i>eryC</i>	587	6.25	(Sangari, García-Lobo, & Agüero, 1994)
	BMEII0428r	AAT GAC TTC ACG GTC GTTCG				
	BR0953f	GGA ACA CTA CGC CAC CTT GT	<i>ABC</i> <i>Transporter</i>	272	6.25	(Halling et al., 2005)
	BR0953r	GAT GGA GCA AAC GCT GAA G				
	BMEI0752f	CAG GCA AAC CCT CAG AAG C	<i>rpsL</i>	218	6.25	(Cloeckert, Grayon, & Grépinet, 2002)
	BMEI0752r	GAT GTG GTA ACG CAC ACC AA				
	BMEII0987f	CGC AGA CAG TGA CCA TCA AA	<i>CRP</i> <i>Regulator</i>	152	6.25	(Rajashekara et al., 2004)
	BMEII0987r	GTA TTC AGC CCC CGT TAC CT				

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