

**Supplementary materials for Journal of Wildlife Diseases DOI:  
10.7589/2019-09-237: Bin Yan, Qingfeng Zhu, Jun Xu, Shanshan Zhao, Dongri Piao, Chuangfu Chen, Quan Liu, Sándor Hornok, Yuanzhi Wang, Baoju Wang, and Hai Jiang. *Brucella* in Himalayan Marmots (*Marmota himalayana*).**

Supplementary materials, Table 1. The results of PCR detection for 33 seropositive *Marmota himalayana* collected at Qira county, Xinjiang Uygur Autonomous Region (northwestern China).

Samples	County	Total Numbers	Numbers of positive samples	Positive rate (%)
Heart	Qira	33	8	24.24
Liver	Qira	33	9	27.27
Spleen	Qira	33	6	18.18
Lung	Qira	33	7	21.21
Kidney	Qira	33	5	15.15
Small intestine	Qira	33	4	12.12
Large bowel	Qira	33	3	9.09

Supplementary materials, Table 2. Characteristics of *Brucella* isolates from *Marmot himalayana* by classical biotyping.

Experiments and results		<i>Brucella</i> isolate	<i>Brucella</i> isolate	International reference strains		
		from <i>Marmot himalayana</i>	from <i>Marmot himalayana</i>	16M <sup>§</sup>	544A <sup>§</sup>	1330s <sup>§</sup>
CO2 requirement		-	-	-	-	-
H2S produced		+	+	+	++	+++
Dye inhibition*	Thionin	-		+	-	+
	Basic fuchsin	+		+	+	-
Lysis by phage at RTD <sup>†</sup>	Tb RTD	+	-	-	+	-
	Tb 10 <sup>4</sup> RTD	+	-	-	+	+
	Iz	-	+			
	BK2	+	+	+	+	+
Agglutination on test of specific serum <sup>‡</sup>	A	+	-	-	+	+
	M	-	-	+	-	-
	R	-	+	-	-	-
Results	species	<i>B. abortus</i>	atypical <i>Brucella</i>	<i>B. melitensis</i>	<i>B. abortus</i>	<i>B. suis</i>
	biotype	1		1	1	1

\* : Dye concentration of Brucella agar medium 20 mg/mL (1:50000).

†: RTD: the rate of Rational test dilution (the highest dilution rate, at which the Tb phage completely lyses *Brucella* spp).

‡: A =A monospecific serum; M =M monospecific serum; R =R monospecific serum.

§: The reference strains were provided by the Chinese Center for Disease Control and Prevention.