

SUPPLEMENTAL TABLE 1

Organism (*Bartonella* spp.) and highest DNA similarity value compared with fragments in GenBank based on sequenced *gltA* gene from isolated colonies, small mammal blood, flea, and louse DNA samples, Taiwan*

Organism	Group no.	Sample no.	Organism/similarity value
Isolated colony	R-ISO-g1 <i>gltA</i>	R4-2, 6-1, 6-2, 19-1 R19-2, 36-2, 72-1, 72-2	<i>B. rattimassiliensis</i> /100%
	R-ISO-g2 <i>gltA</i>	R11-1, 11-2, 75-1 R75-2, 85-1	<i>B. elizabethae</i> /96%
	R-ISO-g3 <i>gltA</i>	R13-1, 13-2, 14-1 R14-2, 59-1, 59-2	<i>B. queenslandensis</i> /99%
	R-ISO-g4 <i>gltA</i>	R22-1	<i>B. tribocorum</i> /96%
	R-ISO-g5 <i>gltA</i>	R22-2, 37-1, 37-2, 48-1 R48-2, 69-1, 69-2	<i>B. tribocorum</i> /96%
	R-ISO-g6 <i>gltA</i>	R27-1, 27-2, 73-1, 73-2 R82-1, 82-2, 83-1, R83-2, 85-2	<i>B. tribocorum</i> /99%
	R-ISO-g7 <i>gltA</i>	R30-1	<i>B. elizabethae</i> /95%
	R-ISO-g8 <i>gltA</i>	R30-2	<i>B. elizabethae</i> /96%
	R-ISO-g9 <i>gltA</i>	R35-1, 35-2, 81-1, 81-2	<i>B. tribocorum</i> /99%
	R-ISO-g10 <i>gltA</i>	R38-1, 38-2	<i>B. queenslandensis</i> /99%
	R-ISO-g11 <i>gltA</i>	R30-1_BAPGM R30-2_BAPGM R35-1_BAPGM R35-2_BAPGM R38-1_BAPGM R38-2_BAPGM	<i>B. queenslandensis</i> /99%
	R-ISO-g12 <i>gltA</i>	R59-1_BAPGM R59-2_BAPGM	<i>B. queenslandensis</i> /99%
	R-ISO-g13 <i>gltA</i>	R72-1_BAPGM R72-2_BAPGM	<i>B. rattimassiliensis</i> /100%
Animal blood	RB-g1 <i>gltA</i>	RB4, 6, 72	<i>B. phoceensis</i> /100%
	RB-g2 <i>gltA</i>	RB5	<i>B. elizabethae</i> /96%
	RB-g3 <i>gltA</i>	RB9, 14	<i>B. queenslandensis</i> /99%
	RB-g4 <i>gltA</i>	RB19	<i>B. rattimassiliensis</i> /100%
	RB-g5 <i>gltA</i>	RB30	<i>B. queenslandensis</i> /99%
	RB-g6 <i>gltA</i>	RB35	<i>B. phoceensis</i> /94%
	RB-g7 <i>gltA</i>	RB38	<i>B. queenslandensis</i> /99%
	RB-g8 <i>gltA</i>	RB64	<i>B. tribocorum</i> /97%
	RB-g9 <i>gltA</i>	RB73, 82	<i>B. tribocorum</i> /99%
Fleas	RF-g1 <i>gltA</i>	RF4-1, 11-1, 58-1, 58-2 RF58-3, 58-5, 75-5, 82-1 RF82-2, 82-3, 82-4, 82-5 RF83-3, 83-4, 85-1, 85-5	<i>B. tribocorum</i> /99%
	RF-g2 <i>gltA</i>	RF4-2, 5-3, 5-4, 5-5 RF11-3, 65-1, 75-3 RF84-1, 84-5	<i>B. elizabethae</i> /96%
	RF-g3 <i>gltA</i>	RF5-1, 38-1	<i>B. elizabethae</i> /96%
	RF-g4 <i>gltA</i>	RF5-2	<i>B. tribocorum</i> /98%
	RF-g5 <i>gltA</i>	RF11-2, 19-1, 65-2 RF72-1, 74-3	<i>B. elizabethae</i> /96%
	RF-g6 <i>gltA</i>	RF33-2, 84-3	<i>Bartonella</i> sp. 1-1C/100%, <i>B. rochalimae</i> /99%
	RF-g7 <i>gltA</i>	RF58-4	<i>B. tribocorum</i> /99%
	RF-g8 <i>gltA</i>	RF63-1, 85-2	<i>B. queenslandensis</i> /99%
	RF-g9 <i>gltA</i>	RF67-1	<i>B. tribocorum</i> /97%
	RF-g10 <i>gltA</i>	RF75-1, 81-1	<i>B. tribocorum</i> /99%
	RF-g11 <i>gltA</i>	RF81-2	<i>B. tribocorum</i> /99%
	RF-g12 <i>gltA</i>	RF81-3	<i>B. elizabethae</i> /96%
	RF-g13 <i>gltA</i>	RF81-4	<i>B. tribocorum</i> /99%
	RF-g14 <i>gltA</i>	RF83-1	<i>B. elizabethae</i> /96%
	RF-g15 <i>gltA</i>	RF83-2	<i>B. tribocorum</i> /99%
	RF-g16 <i>gltA</i>	RF85-3	<i>Bartonella</i> sp. 1-1C/96%, <i>B. rochalimae</i> /95%
Lice	RL-g1 <i>gltA</i>	R L4-1, 27-1, 27-2, 35-1 RL35-2, 35-3, 36-1, 59-1	<i>B. phoceensis</i> /100%
	RL-g2 <i>gltA</i>	RL12-1	<i>B. rattimassiliensis</i> /100%
	RL-g3 <i>gltA</i>	RL81-1	<i>B. tribocorum</i> /100%
	RL-g4 <i>gltA</i>	RL82-1	<i>B. rattimassiliensis</i> /99%

* *gltA* = citrate synthase; BAPGM = *Bartonella* alpha-proteobacteria growth medium.

SUPPLEMENTAL TABLE 2

Bartonella species detected in small mammals and fleas and lice collected on these mammals, Taiwan

Animal no.	Animal species*	Location†	<i>Bartonella</i> spp.	Flea no. and <i>Bartonella</i> spp.	Louse no. and <i>Bartonella</i> spp.
R4	Rn	CF	<i>B. rattimassiliensis</i> , <i>B. phoceensis</i>	RF4-1 <i>B. tribocorum</i> , RF4-2 <i>B. elizabethae</i>	RL4-1 <i>B. phoceensis</i>
R5	Rn	CF	<i>B. elizabethae</i>	RF5-1, 5-3, 5-4, 5-5 <i>B. elizabethae</i> , RF5-2 <i>B. tribocorum</i>	
R6	Rn	CF	<i>B. rattimassiliensis</i> , <i>B. phoceensis</i>		
R9	Rr	CF	<i>B. queenslandensis</i>		
R11	Rn	CF	<i>B. elizabethae</i>	RF11-1 <i>B. tribocorum</i> , RF11-2, 11-3 <i>B. elizabethae</i>	
R13	Rn	CF	<i>B. queenslandensis</i>		
R14	Rn	CF	<i>B. queenslandensis</i>		
R19	Rn	CF	<i>B. rattimassiliensis</i>	RF19-1 <i>B. elizabethae</i>	
R22	Sm	CF	<i>B. tribocorum</i>		
R27	Rn	S	<i>B. tribocorum</i>		RL27-1, 27-2 <i>B. phoceensis</i>
R30	Rn	CF	<i>B. elizabethae</i> , <i>B. queenslandensis</i>		
R35	Rn	CF	<i>B. tribocorum</i> , <i>B. queenslandensis</i> , <i>B. phoceensis</i>		RL35-1, 35-2, 35-3 <i>B. phoceensis</i> RL36-1 <i>B. phoceensis</i>
R36	Rn	CF	<i>B. rattimassiliensis</i>		
R37	Sm	CF	<i>B. tribocorum</i>		
R38	Rn	CF	<i>B. queenslandensis</i>	RF38-1 <i>B. elizabethae</i>	
R48	Sm	SF	<i>B. tribocorum</i>		
R59	Rn	CF	<i>B. queenslandensis</i>		RL59-1 <i>B. phoceensis</i>
R64	Rn	GF	<i>B. tribocorum</i>		
R69	Sm	CF	<i>B. tribocorum</i>		
R72	Rn	CF	<i>B. rattimassiliensis</i> , <i>B. phoceensis</i>	RF72-1 <i>B. elizabethae</i>	
R73	Rn	SF	<i>B. tribocorum</i>		
R75	Rn	CF	<i>B. elizabethae</i>	RF75-1, 75-5 <i>B. tribocorum</i> , RF75-3 <i>B. elizabethae</i>	
R81	Rn	CF	<i>B. tribocorum</i>	RF81-1, 81-2, 81-4 <i>B. tribocorum</i> , RF81-3 <i>B. elizabethae</i>	RL81-1 <i>B. tribocorum</i>
R82	Rn	CF	<i>B. tribocorum</i>	RF82-1, 82-2, 82-3, 82-4, 82-5 <i>B. tribocorum</i>	RL82-1 <i>B. rattimassiliensis</i>
R83	Rn	CF	<i>B. tribocorum</i>	RF83-2, 83-3, 83-4 <i>B. tribocorum</i> , RF83-1 <i>B. elizabethae</i>	
R85	Rn	CF	<i>B. elizabethae</i> , <i>B. tribocorum</i>	RF85-1, 85-5 <i>B. tribocorum</i> , RF85-2 <i>B. queenslandensis</i> , RF85-3 <i>Bartonella</i> sp. 1-1C, <i>B. rochalimae</i>	

* Rn = *Rattus norvegicus*; Rr = *Rattus rattus*; Sm = *Suncus murinus*.

† CF = cattle farm; S = university campus; SF = swine farm; GF = goose farm.