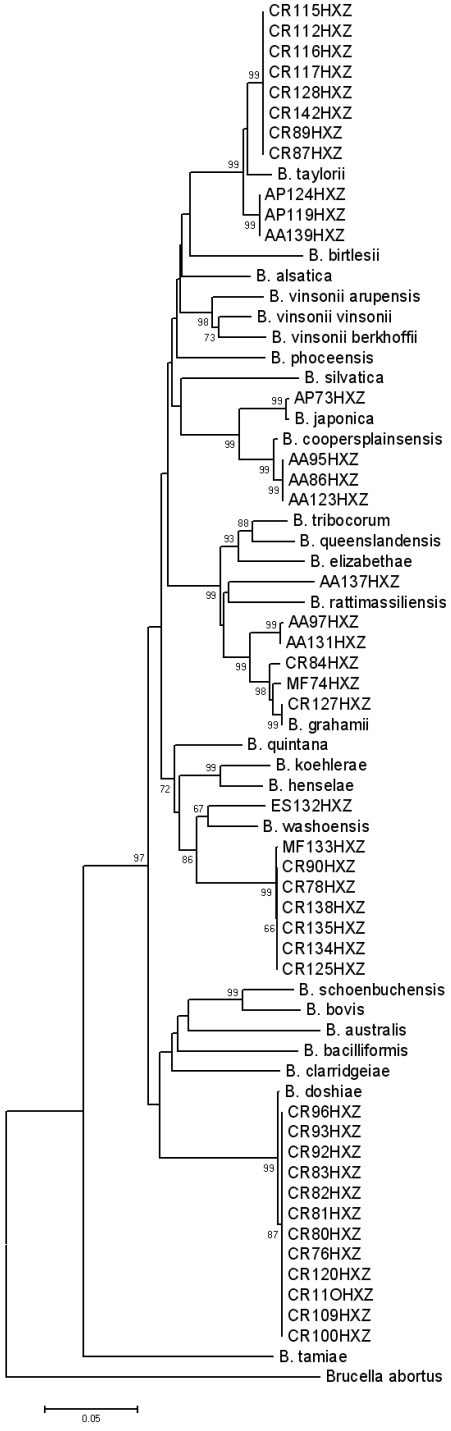
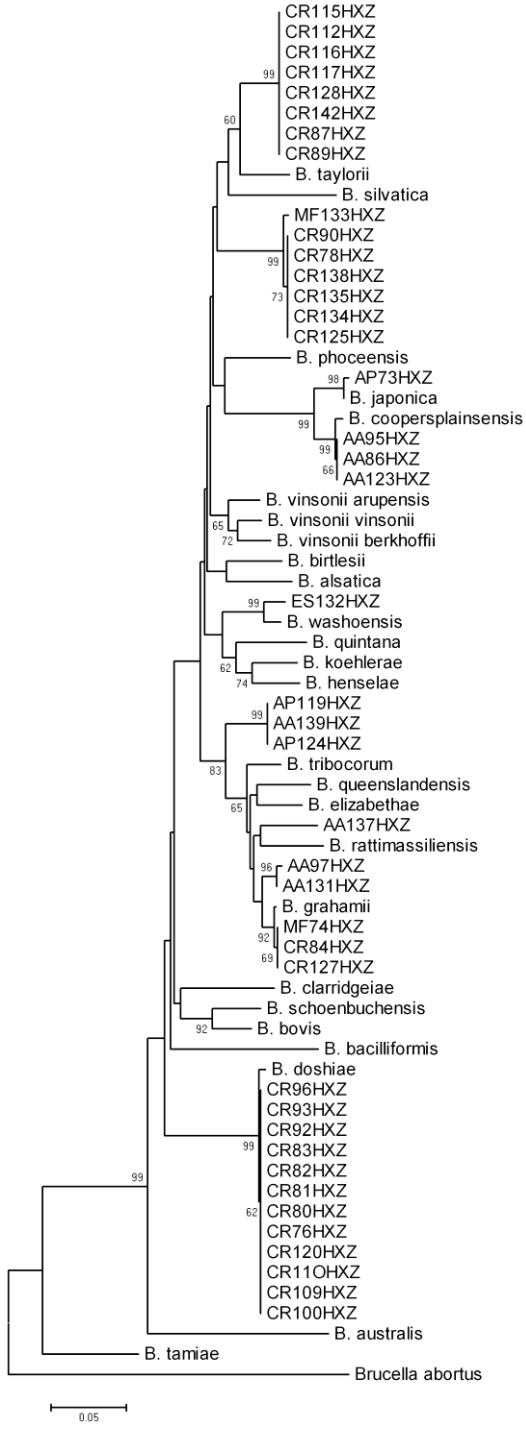
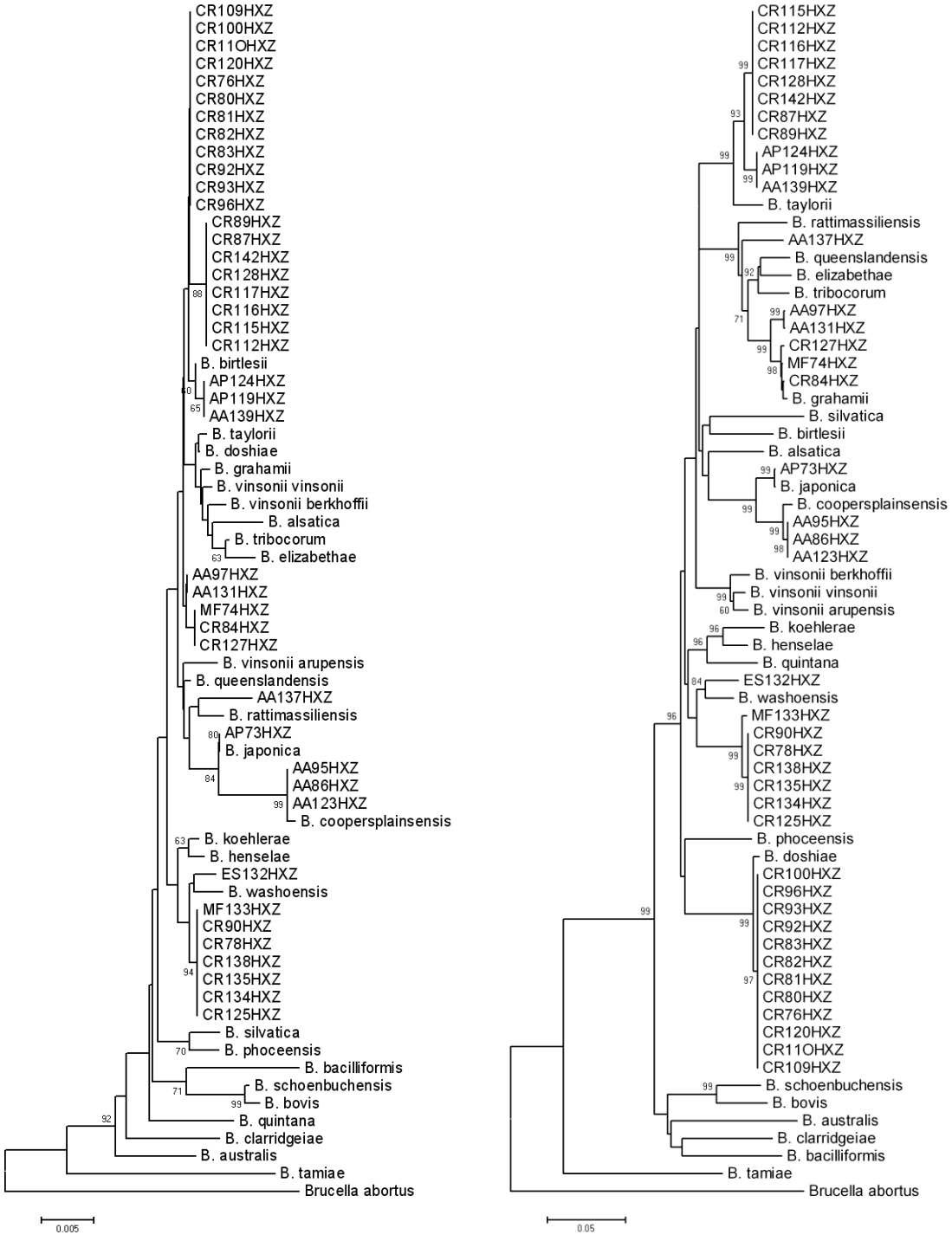
SUPPLEMENTAL MATERIALS



gltA



16S rRNA



ftsZ ***rpoB***

FIG S1 Phylogenetic relationships of *Bartonella* isolates constructed using internal sequences of four house-keeping genes (*gltA*, 16S rRNA gene, *ftsZ* and *rpoB*).

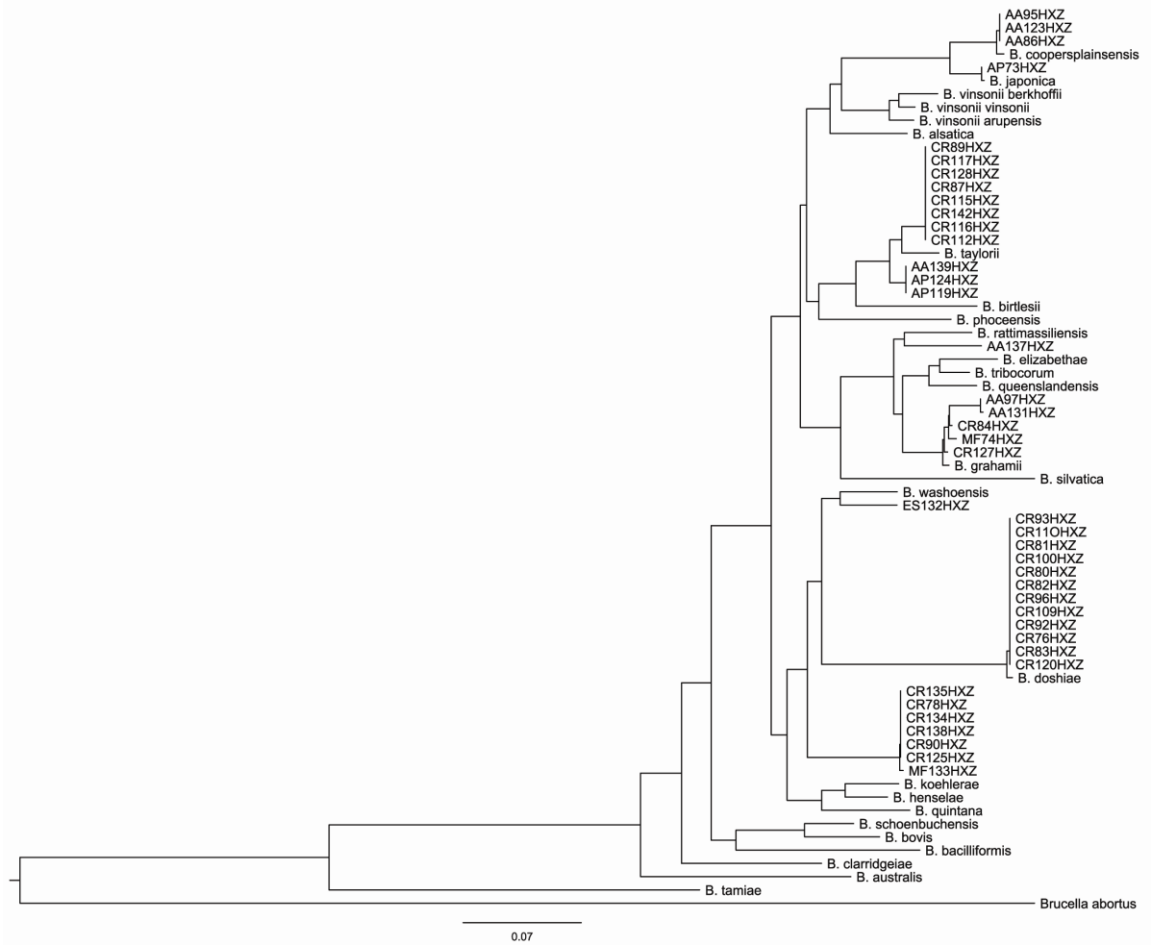


FIG S2 Phylogenetic relationships of *Bartonella* isolates constructed based on Maximum Likelihood (PhyML 3.0) with a HKY85 substitution model for concatenated sequence fragments (*gltA*, 16S rRNA gene, *ftsZ* and *rpoB*).

TABLE S1 NCBI GenBank accession numbers for sequences of *Bartonella* reference strains and accession numbers for sequences of *Bartonella* isolates of Heixiazi Island obtained in this study

Strains	Genbank assession no.			
	16S rRNA	*gltA*	*ftsZ*	*rpoB*
Brucella abortus	NC006932	NC006932	NC006932	NC006932
B. alsatica	AJ002139	AF204273	AF467763	AF165987
B. australis	NC_020300	NC_020300	NC_020300	NC_020300
B. bacilliformis	NC_008783	NC_008783	NC_008783	NC_008783
B. birtlesii	NZ_CM001557	NZ_CM001557	NZ_CM001557	NZ_CM001557
B. bovis	NZ_CM001844	NZ_CM001844	NZ_CM001844	NZ_CM001844
B. clarridgeiae	NC_014932	NC_014932	NC_014932	NC_014932
B. coopersplainsensis	EU111759	EU111803	EU111781	EU111792
B. doshiae	Z31351	AF207827	AF467754	AF165991
B. elizabethae	L01260	Z70009	AF467760	AF165992
B. grahamii	NC_012846	NC_012846	NC_012846	NC_012846
B. henselae	NC_005956	NC_005956	NC_005956	NC_005956
B. japonica	AB440632	AB242289	AB440633	AB242288
B. koehlerae	AF076237	AF176091	AF467755	AY166580
B. phoceensis	AY515119	AY515126	AY515135	AY515132
B. quintana	NC_005955	NC_005955	NC_005955	NC_005955
B. queenslandensis	EU111756	EU111802	EU111779	EU111791
B. rattimassiliensis	AY515120	AY515125	AY515134	AY515131
B. silvatica	AB440636	AB242287	AB440637	AB242292
B. schoenbuchensis	AJ278187	AJ278183	AF467765	AY167409
B. tamiae	DQ395176	EF605279	EF605282	EF672730
B. taylorii	Z31350	AF191502	AF467756	AF165995
B. tribocorum	NC_010161	NC_010161	NC_010161	NC_010161
B. vinsonii subsp. *arupensis*	AF214558	AF214557	AF467758	AY166582
B. vinsonii subsp. *berkhoffii*	NC_020301	NC_020301	NC_020301	NC_020301
B. vinsonii subsp. *vinsonii*	M73230	Z70015	AF467757	AF165997
B. washoensis	AF070463	AF470616	AB292598	AB292596
AA86HXZ	KJ361602	KJ175028	KJ361684	KJ361725

AA95HXZ	KJ361603	KJ175029	KJ361685	KJ361726
AA97HXZ	KJ361604	KJ175030	KJ361686	KJ361727
AA123HXZ	KJ361605	KJ175031	KJ361687	KJ361728
AA131HXZ	KJ361606	KJ175032	KJ361688	KJ361729
AA137HXZ	KJ361607	KJ175033	KJ361689	KJ361730
AA139HXZ	KJ361608	KJ175034	KJ361690	KJ361731
AP73HXZ	KJ361609	KJ175035	KJ361691	KJ361732
AP119HXZ	KJ361610	KJ175036	KJ361692	KJ361733
AP124HXZ	KJ361611	KJ175037	KJ361693	KJ361734
CR76HXZ	KJ361614	KJ175038	KJ361696	KJ361735
CR78HXZ	KJ361615	KJ175039	KJ361697	KJ361736
CR80HXZ	KJ361616	KJ175040	KJ361698	KJ361737
CR81HXZ	KJ361617	KJ175041	KJ361699	KJ361738
CR82HXZ	KJ361618	KJ175042	KJ361700	KJ361739
CR83HXZ	KJ361619	KJ175043	KJ361701	KJ361740
CR84HXZ	KJ361620	KJ175044	KJ361702	KJ361741
CR87HXZ	KJ361621	KJ175045	KJ361703	KJ361742
CR89HXZ	KJ361622	KJ175046	KJ361704	KJ361743
CR90HXZ	KJ361623	KJ175047	KJ361705	KJ361744
CR92HXZ	KJ361624	KJ175048	KJ361706	KJ361745
CR93HXZ	KJ361625	KJ175049	KJ361707	KJ361746
CR96HXZ	KJ361626	KJ175050	KJ361708	KJ361747
CR100HXZ	KJ361612	KJ175051	KJ361694	KJ361748
CR109HXZ	KJ361627	KJ175052	KJ361709	KJ361749
CR110HXZ	KJ361613	KJ175053	KJ361695	KJ361750
CR112HXZ	KJ361628	KJ175054	KJ361710	KJ361751
CR115HXZ	KJ361629	KJ175055	KJ361711	KJ361752
CR116HXZ	KJ361630	KJ175056	KJ361712	KJ361753
CR117HXZ	KJ361631	KJ175057	KJ361713	KJ361754
CR120HXZ	KJ361632	KJ175058	KJ361714	KJ361755
CR125HXZ	KJ361633	KJ175059	KJ361715	KJ361756
CR127HXZ	KJ361634	KJ175060	KJ361716	KJ361757
CR128HXZ	KJ361635	KJ175061	KJ361717	KJ361758
CR134HXZ	KJ361636	KJ175062	KJ361718	KJ361759

CR135HXZ	KJ361637	KJ175063	KJ361719	KJ361760
CR138HXZ	KJ361638	KJ175064	KJ361720	KJ361761
CR142HXZ	KJ361639	KJ175065	KJ361721	KJ361762
ES132HXZ	KJ361640	KJ175066	KJ361722	KJ361763
MF74HXZ	KJ361641	KJ175067	KJ361723	KJ361764
MF133HXZ	KJ361642	KJ175068	KJ361724	KJ361765

TABLE S2 The haplotypes and NCBI GenBank accession numbers of the previously characterized strains of *Bartonella taylorii*

Strain name	Haplotype	Host	Country	Genbank accession no.
A119	Hap-1	*Microtus oeconomus*	Poland	GU563802
A132	Hap-2	*Myodes glareolus*	France	JX846160
A186RCG	Hap-2	*Myodes glareolus*	France	JQ693999
A373FCG	Hap-2	*Myodes glareolus*	France	JQ694013
A70	Hap-2	*Myodes glareolus*	France	JX846158
C10	Hap-2	*Apodemus sylvaticus*	Ireland	JN228375
KK25	Hap-2	dog	Thailand	FJ946856
NR12-39	Hap-2	*Ctenophthalmus agyrtes*	Lithuania	KF546309
A136	Hap-3	*Microtus oeconomus*	Poland	GU338971
A165	Hap-4	*Apodemus flavicollis*	Poland	GU338966
A176	Hap-5	*Microtus arvalis*	Poland	GU338963
A185	Hap-6	*Microtus oeconomus*	Poland	GU338960
A195	Hap-6	*Myodes glareolus*	France	JX846170
A235	Hap-6	*Myodes glareolus*	France	JX846177
A238	Hap-6	*Myodes glareolus*	France	JX846178
A364FCG	Hap-6	*Myodes glareolus*	France	JQ694012
A479FCG	Hap-6	*Myodes glareolus*	France	JQ694015
A94	Hap-6	*Microtus arvalis*	Poland	GU338961
A252FCG	Hap-7	*Myodes glareolus*	France	JQ694004
af49nev	Hap-7	*Apodemus flavicollis*	Greece	AY435104
af50nev	Hap-7	*Apodemus flavicollis*	Greece	AY435105
af51nev	Hap-7	*Apodemus flavicollis*	Greece	AY435106
af57nev	Hap-7	*Apodemus flavicollis*	Greece	AY435107
P388	Hap-7	*Apodemus flavicollis*	Poland	GU338950
A286	Hap-8	*Myodes glareolus*	France	JQ694005
A286FCG	Hap-8	*Myodes glareolus*	France	JQ694005
A554	Hap-8	*Apodemus sylvaticus*	France	JX846202
LNA2	Hap-8	*Ixodes ricinus*	Ireland	JN228374
NV12-1	Hap-8	*Ctenophthalmus agyrtes*	Lithuania	KF546310
NV12-26	Hap-8	*Ctenophthalmus agyrtes*	Lithuania	KF546311
P633	Hap-8	*Apodemus flavicollis*	Poland	GU338959
P713	Hap-8	*Apodemus flavicollis*	Poland	GU338962
A306RCG	Hap-9	*Myodes glareolus*	France	JQ694007
A321FCG	Hap-9	*Myodes glareolus*	France	JQ694008
P643	Hap-9	*Myodes glareolus*	Poland	GU338970
A343RC	Hap-10	*Myodes glareolus*	France	JQ694010

A351FCG	Hap-11	*Myodes glareolus*	France	JQ694011
A45	Hap-11	*Myodes glareolus*	France	JX846154
A46	Hap-11	*Myodes glareolus*	France	JX846155
af107nev	Hap-11	*Apodemus flavicollis*	Greece	AY435113
A42FCG	Hap-12	*Myodes glareolus*	France	JQ694014
A447	Hap-13	*M. glareolus/A. sylvaticus*	France	JX846193
P723	Hap-13	*Myodes glareolus*	Poland	GU338964
A45	Hap-14	*Apodemus flavicollis*	Poland	GU338953
A46	Hap-15	*Microtus oeconomus*	Poland	GU338972
A573FCG	Hap-16	*Myodes glareolus*	France	JQ694020
A597	Hap-17	*Myodes glareolus*	France	JX846205
A597FCG	Hap-17	*Myodes glareolus*	France	JQ694022
A60RCG	Hap-18	*Myodes glareolus*	France	JQ694023
A641	Hap-19	*Myodes glareolus*	France	JX846153
A641RCG	Hap-19	*Myodes glareolus*	France	JQ694025
Af1	Hap-20	*Apodemus flavicollis*	Poland	EU014272
af104ne	Hap-21	*Apodemus flavicollis*	Greece	AY435108
af52nev	Hap-21	*Apodemus flavicollis*	Greece	AY435109
af53ne	Hap-21	*Apodemus flavicollis*	Greece	AY435110
AF-s2	Hap-21	*Apodemus flavicollis*	Slovenia	DQ155393
P1198	Hap-21	*Apodemus flavicollis*	Poland	GU338952
af115nev	Hap-22	*Apodemus flavicollis*	Greece	AY435111
af116nev	Hap-22	*Apodemus flavicollis*	Greece	AY435112
af170up	Hap-23	*Apodemus flavicollis*	Sweden	AF391790
Af2	Hap-24	*Apodemus flavicollis*	Poland	EU014273
Aomori 21-1	Hap-25	*Apodemus spp.*	Japan	AB242282
AA139HXZ	Hap-26	*Apodemus agrarius*	China	KJ175034
AP119HXZ	Hap-26	*Apodemus peninsulae*	China	KJ175036
AP124HXZ	Hap-26	*Apodemus peninsulae*	China	KJ175037
Hokkaido 17-1	Hap-26	*Myodes rufocanus*	Japan	AB290293
B25	Hap-27	*Microtus arvali*	Poland	GU338957
P152	Hap-27	*Apodemus flavicollis*	Poland	GU338956
PVR8-2Sh	Hap-27	*Apodemus sylvaticus*	Spain	HM596454
CAT1	Hap-28	*Apodemus sylvaticus*	Spain	HM596466
T1	Hap-28	*Apodemus sylvaticus*	Ireland	JN228373
DB001	Hap-29	*Sorex araneus*	England	EF031548
WHF018	Hap-29	*Sorex araneus*	England	EF031547
Em1531yn	Hap-30	*Eothenomys miletus*	China	AF391281
F	Hap-31	*Sorex araneus*	England	EF031549
sa192up	Hap-31	*Sorex araneus*	Sweden	AF391791
F12YN	Hap-32	*Ctenophthalmus lushuiensis*	China	DQ884382

F14YN	Hap-32	*Ctenophthalmus lushuiensis*	China	DQ884379
F13YN	Hap-33	*Ctenophthalmus lushuiensis*	China	DQ884378
F16YN	Hap-34	*Ctenophthalmus lushuiensis*	China	DQ884381
Far East I	Hap-35	*Myodes rufocanus*	Russian Far East	AY584852
Hokkaido 16-3	Hap-35	*Myodes rufocanus*	Japan	AB290294
CR117HXZ	Hap-35	*Myodes rutilus*	China	KJ175057
CR116HXZ	Hap-35	*Myodes rutilus*	China	KJ175056
CR128HXZ	Hap-35	*Myodes rutilus*	China	KJ175061
CR142HXZ	Hap-35	*Myodes rutilus*	China	KJ175065
CR87HXZ	Hap-35	*Myodes rutilus*	China	KJ175045
CR89HXZ	Hap-35	*Myodes rutilus*	China	KJ175046
CR115HXZ	Hap-35	*Myodes rutilus*	China	KJ175055
CR112HXZ	Hap-35	*Myodes rutilus*	China	KJ175054
Far East II	Hap-36	*Apodemus agrarius*	Russian Far East	AY584853
M6	Hap-37	*Apodemus* spp.	France	Z70013
Mg1	Hap-38	*Myodes glareolus*	Poland	EU014275
Mo2	Hap-39	*Microtus oeconomus*	Poland	EU014269
Mo3	Hap-40	*Microtus oeconomus*	Poland	EU014274
P1008	Hap-41	*Apodemus flavicollis*	Poland	GU338958
P101	Hap-42	*Apodemus flavicollis*	Poland	GU338955
P107	Hap-43	*Apodemus flavicollis*	Poland	GU338954
P123	Hap-44	*Apodemus flavicollis*	Poland	GU338967
P131	Hap-45	*Apodemus flavicollis*	Poland	GU338948
P253	Hap-46	*Apodemus flavicollis*	Poland	GU338949
P36	Hap-47	*Apodemus flavicollis*	Poland	GU338947
P605	Hap-48	*Apodemus flavicollis*	Poland	GU338951
P704	Hap-49	*Myodes glareolus*	Poland	GU338969
P758	Hap-50	*Myodes glareolus*	Poland	GU338965
Sendai 6-1	Hap-51	*Microtus motebelli*	Japan	AB529472
WM9	Hap-52	Unknown	England	AF191502
Yatsugatake 16-1	Hap-53	*Eothenomys andersoni*	Japan	AB529468

TABLE S3 The haplotypes and NCBI GenBank accession numbers of the previously characterized strains of *Bartonella grahamii*

Strain name	Haplotype	Host	Country	Genbank accession no
Fuji4-1	Hap-1	*Apodemus speciosus*	Japan	AB242284
Fuji6-1	Hap-1	*Apodemus argenteus*	Japan	AB242286
Fuji21-1	Hap-2	*Apodemus* spp.	Japan	AB259954
Fuji9-1	Hap-3	*Apodemus* spp.	Japan	AB259955
Nagano10-1	Hap-4	*Apodemus speciosus*	Japan	AB290286
Nagano22-1	Hap-5	*Apodemus speciosus*	Japan	AB290287
Shimane28-1	Hap-6	*Apodemus speciosus*	Japan	AB290288
Nagano32-1	Hap-7	*Apodemus speciosus*	Japan	AB290289
Hokkaido4-1	Hap-1	*Apodemus speciosus*	Japan	AB426652
Ehime1-1	Hap-3	*Apodemus speciosus*	Japan	AB426653
Cg4224alb	Hap-8	*Myodes gapperi*	Canada	AB426654
B12509	Hap-9	*Microtus ochrogaster*	America	AB426655
B12511	Hap-10	*Microtus ochrogaster*	America	AB426656
SR23-1	Hap-11	*Tamias sibiricus*	China	AB444993
TM21-1	Hap-12	*Pteromys volans*	China	AB444994
Yatsugatake 24-1	Hap-13	*Apodemus speciosus*	Japan	AB529469
Korea4-1	Hap-14	*Apodemus agrarius*	South Korea	AB529500
MM5136CA	Hap-15	*Mus musculus*	America	AF086637
pn15646ga	Hap-16	*Phodopus sungorus*	America	AF110311
Ac1692yn	Hap-17	*Apodemus chevrieri*	China	AF391271
Ap1707yn	Hap-18	*Apodemus peninsulae*	China	AF391275
Ad1734yn	Hap-19	*Apodemus draco*	China	AF391278
Ap1714yn	Hap-20	*Apodemus peninsulae*	China	AF391280
ma106up	Hap-20	*Microtus agresti*	Sweden	AF391789
af136pra	Hap-20	*Apodemus flavicollis*	Greece	AY435102
dn111nev	Hap-21	*Dryomys nitendula*	Greece	AY435121
af103nev	Hap-21	*Apodemus flavicollis*	Greece	AY435122
af156up	Hap-20	*Apodemus flavicollis*	Sweden	AY454537
Far East I	Hap-22	*Apodemus peninsulae*	Russian Far East	AY584854
Far East II	Hap-1	*Apodemus agrarius*	Russian Far East	AY584855
Far East III	Hap-1	*Apodemus agrarius*	Russian Far East	AY584856
Far East	Hap-23	*Apodemus agrarius*	Russian Far East	AY584857
Cg2sk	Hap-8	*Clethrionomys gapperi*	Canada	AY587976
as4aup	Hap-20	*Apodemus sylvaticus*	Sweden	CP001562
OL11554ks	Hap-24	*Onychomys leucogaster*	America	DQ357612
Unknown	Hap-20	*Apodemus flavicollis*	Poland	EU014266

Mo1	Hap-25	*Microtus oeconomus*	Poland	EU014267
R21ZJ	Hap-14	*Apodemus agrarius*	China	EU179229
R29ZJ	Hap-26	*Apodemus agrarius*	China	EU179230
R60ZJ	Hap-26	*Apodemus agrarius*	China	EU179231
R1ZJB	Hap-14	*Apodemus agrarius*	China	EU179232
R17ZJB	Hap-26	*Apodemus agrarius*	China	EU179233
R66ZJB	Hap-27	*Apodemus agrarius*	China	EU179234
R2ZJJD	Hap-26	*Apodemus agrarius*	China	EU179235
R3ZJJD	Hap-26	*Apodemus agrarius*	China	EU179236
Tg19447tl	Hap-29	*Tupaia glis*	Thailand	FJ655396
Gs5686t	Hap-29	*Grammomys sp.*	Africa	FJ851112
P801	Hap-30	*Myodes glareolus*	Poland	GU338942
P1014	Hap-30	*Apodemus flavicollis*	Poland	GU338943
P1013	Hap-31	*Apodemus flavicollis*	Poland	GU338944
B45	Hap-32	*Microtus arvalis*	Poland	GU338945
B33	Hap-33	*Microtus arvalis*	Poland	GU338946
A216FCG	Hap-20	*Myodes glareolus*	France	JQ694003
A509FCG	Hap-34	*Myodes glareolus*	France	JQ694016
A77	Hap-20	*Myodes glareolus*	France	JX846159
A148	Hap-20	*Myodes glareolus*	France	JX846164
A202	Hap-35	*Myodes glareolus*	France	JX846173
Unknown	Hap-23	*Homo sapiens*	Finland	KC633099
V2	Hap-20	*Myodes glareolus*	England	Z70016

TABLE S4 The haplotypes and NCBI GenBank accession numbers of the previously characterized strains of *Bartonella washoensis*.

Strain name	Haplotype	Host	Country	Genbank accession no.
RJ 26-1	Hap-1	*Spermophilus richardsoni*	North America	AB444954
RJ 30-1	Hap-2	*Spermophilus richardsoni*	North America	AB444955
CJ 22-1	Hap-3	*Spermophilus rcolumbianus*	North America	AB444956
CJ 25-1	Hap-4	*Spermophilus rcolumbianus*	North America	AB444957
CJ 24-2	Hap-5	*Spermophilus rcolumbianus*	North America	AB444958
RJ 21-1	Hap-6	*Spermophilus richardsoni*	North America	AB444959
Sr4sk	Hap-6	*Spermophilus tridecemlineatus*	USA	AY587975
RJ 31-1	Hap-7	*Spermophilus richardsoni*	North America	AB444960
Sr1sk	Hap-7	*Spermophilus richardsonii*	Canada	AY914176
CJ 23-2	Hap-8	*Spermophilus rcolumbianus*	North America	AB444961
DR1-1	Hap-9	*Spermophilus rcolumbianus*	North America	AB444961
SD16HB	Hap-9	*Spermophilus dauricus*	China	DQ645427
SD35HB	Hap-9	*Spermophilus dauricus*	China	DQ647027
SD11HB	Hap-9	*Spermophilus dauricus*	China	FJ464170
SD12HB	Hap-9	*Spermophilus dauricus*	China	FJ464171
SD17HB	Hap-9	*Spermophilus dauricus*	China	FJ464173
SD20HB	Hap-9	*Spermophilus dauricus*	China	FJ464174
SD21HB	Hap-9	*Spermophilus dauricus*	China	FJ464175
SD23HB	Hap-9	*Spermophilus dauricus*	China	FJ464176
SD22HB	Hap-9	*Spermophilus dauricus*	China	FJ464177
SD37HB	Hap-9	*Spermophilus dauricus*	China	FJ464180
SD38HB	Hap-9	*Spermophilus dauricus*	China	FJ464181
SD42HB	Hap-9	*Spermophilus dauricus*	China	FJ464182
SD64HB	Hap-9	*Spermophilus dauricus*	China	FJ464184
SD26HB	Hap-9	*Spermophilus dauricus*	China	FJ492801
DR3-2	Hap-10	*Spermophilus dauricus*	China	AB444963
SR25-1	Hap-11	*Tamias sibiricus*	China	AB444964
ES132HXZ	Hap-11	*Eutamias sibiricus*	China	KJ175066
SR24-1	Hap-12	*Tamias sibiricus*	China	AB444965
SR26-1	Hap-13	*Tamias sibiricus*	China	AB444966
SR77-1	Hap-14	*Tamias sibiricus*	China	AB444967
SR22-1	Hap-15	*Tamias sibiricus*	China	AB444968
SR34-1	Hap-16	*Tamias sibiricus*	China	AB444969
AR2-2	Hap-17	*Tamiasciurus hudosonicus*	USA	AB444970
AR4-1	Hap-18	*Tamiasciurus hudosonicus*	USA	AB444971
AM2-1	Hap-19	*Glaucomys volans*	USA	AB444972

AM9-1	Hap-20	*Glaucomys volans*	USA	AB444973
JM-1	Hap-21	*Martes melampus*	Japan	AB611852
St2929co	Hap-22	*Spermophilus tridecemlineatus*	USA	AB674241
St2936co	Hap-22	*Spermophilus tridecemlineatus*	USA	AY584570
CL14237co	Hap-22	*Cynomys ludovicianus*	USA	DQ834440
OL11799wy	Hap-22	*Onychomys leucogaster*	USA	EF028160
NVH1	Hap-23	*Homo sapiens*	USA	AF050108
Sb944nv	Hap-23	*Spermophilus beecheyi*	USA	AF470616
al7660nv	Hap-24	*Ammospermophilus leucurus*	USA	AF071187
al7663nv	Hap-25	*Ammospermophilus leucurus*	USA	AF071188
tm6313nv	Hap-26	*Tamius minimus*	USA	AF071189
ed19224az	Hap-27	Unknown	USA	AF148492
Ac1826yn	Hap-28	*Apodemus chevrieri*	China	AF391274
OH114co	Hap-29	*Oropsylla hirsuta*	USA	AF439751
CL1282co	Hap-30	*Cynomys ludovicianus*	USA	AF440273
CL1284co	Hap-31	*Cynomys ludovicianus*	USA	AF440274
CL1285co	Hap-32	*Cynomys ludovicianus*	USA	AF440275
CU23448	Hap-32	*Oropsylla hirsuta* (flea)	USA	GQ384348
CL1281	Hap-33	*Cynomys ludovicianus*	USA	AF440276
OH124co	Hap-33	*Oropsylla hirsuta*	USA	AF440733
CL8606co	Hap-33	*Cynomys ludovicianus*	USA	DQ897367
CU23449	Hap-33	*Oropsylla hirsuta* (flea)	USA	GQ384347
CU23451 testis	Hap-33	*Oropsylla hirsuta* (flea)	USA	GQ384350
CU23451 midgut	Hap-33	*Oropsylla hirsuta* (flea)	USA	GQ384351
CU23451 hemolymph	Hap-33	*Oropsylla hirsuta* (flea)	USA	GQ384352
OH157co	Hap-34	*Oropsylla hirsuta*	USA	AF440731
OH162co	Hap-35	*Oropsylla hirsuta*	USA	AF440732
Tm918nv	Hap-36	*Tamias minimus*	USA	AF451159
Tm916nv	Hap-37	*Tamias minimus*	USA	AF451160
Tm1950nv	Hap-38	*Tamias minimus*	USA	AF451161
Tm1781nv	Hap-39	*Tamias minimus*	USA	AF451162
Tm1794nv	Hap-40	*Tamias minimus*	USA	AF451163
Sb1659nv	Hap-41	*Spermophilus beecheyi*	USA	AY071858
08S-0475	Hap-41	*Homo sapiens*	USA	FJ719016
Sb1859nv	Hap-42	*Spermophilus beecheyi*	USA	AY071859
Sb1865nv	Hap-43	*Spermophilus beecheyi*	USA	AY071860
SL311nv	Hap-44	*Spermophilus beecheyi*	USA	AY071861
Sf2sk	Hap-45	*Spermophilus tridecemlineatus*	USA	AY587978
Sf3sk	Hap-46	*Spermophilus tridecemlineatus*	USA	AY587979
Sr3sk	Hap-47	*Spermophilus tridecemlineatus*	USA	AY587980
CL6379co	Hap-48	*Cynomys ludovicianus*	USA	AY589564

OHCU1214	Hap-49	*Oropsylla hirsuta*	USA	AY589569
St12072wy	Hap-50	*Spermophilus tridecemlineatus*	USA	DQ357608
T11ZJ	Hap-51	*Haemaphysalis longicornis*	China	EU179228
SD8HB	Hap-52	*Spermophilus dauricus*	China	FJ464169
CU23479	Hap-53	*Orchopeas leucopus* (flea)	USA	GQ384343

TABLE S5 The *Bartonella* isolates in liver and spleen tissues of the rodents at Heixiazi Island, China

Rodent species	Strain name		
	Shared	Liver	Spleen
Myodes rutilus	CR109HXZ CR116HXZ CR117HXZ CR120HXZ CR125HXZ CR134HXZ CR138HXZ CR76HXZ CR78HXZ CR80HXZ CR81HXZ CR82HXZ CR83HXZ CR84HXZ CR87HXZ CR90HXZ CR92HXZ CR93HXZ CR96HXZ	CR115HXZ CR110HXZ CR128HXZ CR135HXZ CR100HXZ CR89HXZ	CR127HXZ CR142HXZ CR112HXZ
Apodemus agrarius	AA139HXZ AA97HXZ	AA86HXZ AA95HXZ	AA123HXZ AA131HXZ AA137HXZ
Apodemus peninsulae	AP119HXZ AP124HXZ	AP73HXZ	-
Microtus fortis	MF74HXZ	-	-
Microtus maximowiczii	MM133HXZ		
Eutamias sibiricus	-	-	ES132HXZ

- There is no isolate.