

Supplementary Table S1. Phylogenetic analysis of strains from Genbank nationwide

Assembly	Strain	Isolated in	Year	Host	Bio-vars	BioSample	BioProject
GCA_001608355.1	BRUC048	Egypt		Human	Unknown	SAMN04260152	PRJNA257008
GCA_000988815.1	Human/CT/US/1	USA	1995	Human	Unknown	SAMN03418620	PRJNA257008
GCA_000370745.1	UK22/04	United Kingdom	2004	Human	Unknown	SAMN00811218	PRJNA173603
GCA_000365865.1	B115	Malta	1962	Goat	Unknown	SAMN01798236	PRJNA178706
GCA_000007125.1	16M	Reference			Unknown	SAMN02603416	PRJNA180
GCA_000366625.1	CNGB 1076	Argentina	2006	Human	Unknown	SAMN01047730	PRJNA176519
GCA_016806105.1	QH2019005	Qinghai	2019	human male	34	SAMN17150333	PRJNA687559
GCA_001715465.1	2010724553	Syria	2010	Human	Unknown	SAMN05578252	PRJNA338970
GCA_003432005.1	KSA BM 07	Saudi Arabia	2017	Sheep	Unknown	SAMN09780836	PRJNA485025
GCA_002191295.1	BwIM_IRN_37	Iraq	2014	Human	Unknown	SAMN05932947	PRJNA347914
GCA_000938035.1	Phil1136/12	Malaysia	2012	Human	Unknown	SAMEA2815451	PRJEB7504
GCA_000370625.1	BG2 (S27)	Pakistan	2008	Goat	Unknown	SAMN00839732	PRJNA173535
GCA_003993955.1	BB4	Inner Mongolia	1957	Human	bv.3	SAMN03380776	PRJNA266088
GCA_002263015.1	BL	Xinjiang	2012	Cattle	Unknown	SAMN07508058	PRJNA398310
GCA_001856295.1	Br.m-1252/10-G	Georgia	2012	Bovine	Unknown	SAMN05615423	PRJNA339926
GCA_001307475.2	C-573	Russia	2014	Human	bv.1	SAMN03860331	PRJNA289971
GCA_002191575.1	BwIM_TKM_56	Turkmenistan	2015	Human	Unknown	SAMN05932951	PRJNA347914
GCA_002191995.1	BwIM_SYR_01	Syria	2015	Human	Unknown	SAMN05932958	PRJNA347914
GCA_001702255.1	KU/RCF-96	Kuwait	2014	Human	Unknown	SAMN03433318	PRJNA278809
GCA_003993935.1	BB3	Qinghai	1980	Sheep	bv.3	SAMN03380775	PRJNA266087
GCA_003993995.1	BB7	Qinghai	1980	Sheep	bv.3	SAMN03380820	PRJNA266056
GCA_009789335.1	Bruxj08	Xinjiang	2011	Sheep	Unknown	SAMN13567307	PRJNA448490
GCA_009789435.1	Bruxj84	Xinjiang	2011	Sheep	Unknown	SAMN13567304	PRJNA448490
GCA_003994185.1	BB17	XinJiang	2010	Goat	bv.1	SAMN03382540	PRJNA266066
GCA_002214285.1	QY1	Gansu	2015	Sheep	Unknown	SAMN07224390	PRJNA390013
GCA_003516045.1	CIT21	Inner Mongolia	2015	Human	Unknown	SAMN08322134	PRJNA428790
GCA_003993825.1	BB6	Inner Mongolia	1963	Human	bv.1	SAMN03380770	PRJNA266055
GCA_000292165.2	BCB028	China	1956	Ovis aries	bv.1	SAMN02469337	PRJNA170705
GCA_002763615.1	QH61	Qinghai	2015	Yak	Unknown	SAMN07967141	PRJNA416864
GCA_001431745.1		20236 Inner Mongolia	2012	Human	Unknown	SAMN02714221	PRJNA243300
GCA_004208655.1	B29	Inner Mongolia	2019	Human	Unknown	SAMN10829700	PRJNA517393
GCA_027625455.1	Brucella melitensis	TZ		Tibetan Gansu	2021	SAMN32316760	PRJNA913980