

Table S3: *C. burnetii* isolates and genome data accessions used in this study.

Strain (Synonym)	Source	Country	GG	Genome Release Date	Accession # / Source file	Reference (Sequence)
RSA493 (NineMile; NM-I)	Tick	USA	I	2003	chr: AE016828.2 pl: AE016829.1	[1]
MSU Goat Q177 (Priscilla)	Goat cotyledon	USA	IV	2006	pl: NC_010258.1 / CP000914.1 WGS: AAUP02	[2]
Dugway 5J108-111	Rodent	USA	VI	2007	chr: CP000733.1 pl: CP000735.1	[3]
RSA331 (Henzerling)	Acute Q fever patient (blood)	Italy	II (a)	2007	chr: CP000890.1 pl: CP000889.1	[2]
Q321	Cow's Milk	Russia	IV	2007	WGS: AAYJ01	[2]
CbuG_Q212	Human Heart Valve	Canada	V	2008	chr: NC_011527.1 / CP001019.1	[4]
CbuK_Q154	Human Heart Valve	USA	IV	2008	chr: NC_011528.1 pl: NC_011526.1	[4]
Cb109	Human Heart Valve (doxy ^R)	Germany	II (b)	2012	WGS: AKYP01	[5]
Cb185	Human Placenta	France	II (a)	2013	WGS: CBTH01 (plasmid n.a.)	[6]
Cb175_Guyana	Human Heart Valve	French Guyana	(I)	2013	WGS: CAVF01	[7]
Z3055	Sheep placenta	Germany	II (b)	2014	chr: NZ_LK937696.1 / LK937696.1 (plasmid n.a.)	[8]
Namibia	Goat abortion	Namibia	IV	2014	chr: NZ_CP007555.1 pl: NZ_CP007556.1	[9]
Cb_C2	Goat milk	France	I	2014	WGS: CCAJ01	[10]
Cb_B1	Cow placenta	France	III	2014	WGS: CCAH01	[10]
EV-Cb_BK10	Cow vaginal swab	Sweden	III	2014	WGS: CCAL01	[10]
Cb_O184	Sheep placenta	France	IV	2014	WGS: CCAK01	[10]
EV-Cb_C13	Goat abortion	Germany	II (b)	2014	WGS: CCAM01	[10]
Cb_B18	Cow placenta	Denmark	III	2014	WGS: CCAI01	[10]
AuQ01 (Arandale)	Acute Q fever patient (blood)	Australia	IV	2014	pl: NZ_JPVV01000067.1 WGS: JPVV01	[11]
Cb196_SaudiArabia	Human Heart Valve	Saudi Arabia	IV	2014	WGS: CCXQ01 (plasmid n.a.)	[12]
Cb171_QLYMPHOMA	Human Lymphoma	n.a.	IV	2014	WGS: CDBG01 (plasmid n.a.)	n.a.
Dog_Utad (RSA493_DogUtad)	Dog uterus (2 isolates)	Canada	V	2014	WGS: CCNR01 and CCYB01	[13]
Ohio	Milk	USA	I	2014	SRA: SRR833203	[14]
S4	Sheep	Sweden	I	2014	SRA: SRR833204	[14]
C2	Hay	Sweden	I	2014	SRA: SRR833199	[14]
Innsbruck (Z2534)	Goat	Austria	II (a)	2014	SRA: SRR833200	[14]
2338	Cow	Germany	II (a)	2014	SRA: SRR833201	[14]
Z349-36/94	Sheep	Germany	II (a)	2014	SRA: SRR833206	[14]

Strain (Synonym)	Source	Country	GG	Genome Release Date	Accession # / Source file	Reference (Sequence)
Scurry (S; Q217)	Human	USA	V	2014	SRA: SRR833205	[14]
Australia QD (RSA425)	Human blood	Australia	I	2014	SRA: SRR405074	[14]
M44 (Grita; RSA459)	Human blood	Italy	II (a)	2014	SRA: SRR407385	[14]
McMaster (Q172)	Human placenta	n.a.	V	2014	SRA: SRR405075	[14]
NL-Limburg	Human Aortic Aneurism	Netherlands	II (b)	2015	WGS: JZWL01	[15]
NL3262	Goat placenta	Netherlands	II (b)	2016	chr: NZ_CP013667.1 pl: NZ_CP013668.1	[16]
NLhu3345937	Human Heart Valve	Netherlands	II (b)	2016	chr: NZ_CP014354.1 pl: NZ_CP014355.1	[16]
RSA439_NMII	Passage variant of RSA493	USA	I	2017	chr: CP020616 pl: CP020617	[17]
Turkey_RSA315	Acute Q fever patient (blood)	Turkey	I	2017	WGS: NOLO000000000	[18]
Dyer_RSA345	Acute Q fever patient (blood)	USA	I	2017	WGS: NOLQ000000000	[18]
Ko_Q229	Human Heart Valve	Canada	V	2017	WGS: NOLP000000000	[18]
Dugway 7E65-68	Rodent	USA	VI	2017	WGS: NOLM000000000	[19]
Dugway 7D77-80	Rodent	USA	VI	2017	WGS: NOLN000000000	[19]
Idaho_Goat_Q195	Goat placenta	USA	III	2017	WGS: NOLR000000000	[20]
Ohio314_RSA338	Passage variant of RSA270	USA	I	2017	WGS: NOLS000000000	[20]
Ohio314_RSA270	Cow's Milk	USA	I	2017	WGS: NOLT000000000	[20]
California33_RSA329	Cow's Milk	USA	I	2017	WGS: NOLV000000000	[20]
California16_RSA350	Cow's Milk	USA	I	2017	WGS: NOLU000000000	[20]
CbCVIC1	Goat	Netherlands	II (b)	2017	chr: CP014549 pl: CP014550	[21]
602 (14160-002)	Goat	Netherlands	II (b)	2017	chr: CP014836 pl: CP014837	[21]
42785537	Human chronic Q fever	Netherlands	II (b)	2017	chr: CP014548 pl: CP014547	[21]
601 (14160-001)	Goat	Netherlands	III	2017	chr: CP014551 pl: CP014552	[21]
18430	Sheep	Netherlands	III	2017	chr: CP014557 pl: CP014558	[21]
701CbB1	Cow	France	III	2017	chr: CP014553 pl: CP014554	[21]
2574	Cow	Netherlands	III	2017	chr: CP014555 pl: CP014556	[21]
Henzerling_Kuley	Human acute Q fever	Italy	II (a)	2017	chr: CP014559 pl: CP014560	[21]
Heizberg	Human acute Q fever	Greece	II (a)	2017	chr: CP014561 pl: CP014562	[21]
Schperling	Human acute Q fever	Kyrgyzstan	IV	2017	chr: CP014563 pl: KY271744	[21]
Scurry_Kuley	Human liver biopsy	USA	V	2017	chr: CP014565	[21]

Strain (Synonym)	Source	Country	GG	Genome Release Date	Accession # / Source file	Reference (Sequence)
Leningrad-2	Human Heart Valve	Russia	IV	2017	WGS: PDLP00000000.1	[22]
V525_Tunisia	Human Heart valve	Tunisia	IV	2017	SRA: ERR2303613	[22]
CMSC1	Cow's milk	USA	III	2018	SRA: SRR3347458	[23]
ESFL1	Soil (dairy farm)	USA	III	2018	SRA: SRR3347474	[23]
RSA363	Passage variant of RSA493	USA	I	2018	WGS: NOVH00000000.1	[24]
RSA514_NMC (NM-Crazy)	Chronically infected guinea pig	USA	I	2018	WGS: NOVG00000000.1	[24]
RSA425_Australia	Passage variant of AustraliaQD	USA?	I	2018	WGS: NOVJ00000000.1	[24]
RSA297_Australia	Passage variant of AustraliaQD	USA?	I	2018	WGS: NOVK00000000.1	[24]
California16_RSA350_Clone2	Clone 2 of California 16_RSA350	USA	I	2018	WGS: NOVF00000000.1	[24]
M44_RSA461_Clone1	Human (blood)	Italy	II (a)	2018	WGS: NOVI00000000.1	[24]
Q532	Cow placenta	UK	III	2018	WGS: PPFQ00000000.1	This study
Q540	Goat placenta	UK	II (b)	2018	WGS: PPFP00000000.1	This study
Q545	Cow placenta	UK	III	2018	WGS: PPFO00000000.1	This study
Q556	Cow placenta	UK	III	2018	WGS: PPFN00000000.1	This study
Q559	Sheep placenta	UK	III	2018	WGS: PPFM00000000.1	This study
Cb_D1 (DSTL_1R)	Cow placenta	UK	III	2018	WGS: RQJU00000000.1	This study
Cb_D2 (DSTL_2)	Goat placenta	UK	II (b)	2018	WGS: RQJT00000000.1	This study
Cb_D8 (DSTL_8)	Goat placenta	UK	II (b)	2018	WGS: RQJS00000000.1	This study
Cb_D10 (DSTL_10)	Goat placenta	UK	II (b)	2018	WGS: RQJR00000000.1	This study

Abbreviations: chr = chromosome; pl = plasmid; WGS = whole-genome-sequencing contigs only; SRA = sequence read archive; IP = integrated plasmid; n.a. = not available

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