

S2 Table: List of *B. abortus* and *B. suis* genome sequences retrieved from GenBank, used in the study for comparison of whole genome single nucleotide polymorphisms (WGS-SNPS) phylogenetic analysis.

Organism	Accession no.	Sequenced year
<i>B. suis</i> 1330	NC_017251, NC_017250	2002
<i>B. suis</i> 1330 (1)	CP002997, CP002998	2011
<i>B. suis</i> VBI22	NC_016797, NC_016775	2011
<i>B. suis</i> 513UK	CP007717, CP007716	2011
<i>B. suis</i> BSP	CP008757, CP008756	2014
<i>B. suis</i> ZW043	CP009094, CP009095	2014
<i>B. suis</i> ZW046	CP009096, CP009097	2014
<i>B. suis</i> bv. 2 PT09143	CP007691, CP007692	2014
<i>B. suis</i> bv. 2 Bs143CITA	CP007695, CP007696	2014
<i>B. suis</i> bv. 2 Bs364CITA	CP007697, CP007698	2014
<i>B. suis</i> bv. 3 str. 686	NZ_ACBL00000000	2009
<i>B. suis</i> 92/29	NZ_AQNU00000000	2013
<i>B. suis</i> CNGB 247	NZ_AQLA00000000	2013
<i>B. suis</i> F7/06-1	NZ_AQLD00000000	2013
<i>B. suis</i> F8/06-2	NZ_AQQA00000000	2013
<i>B. suis</i> S2-30	NZ_ALOS00000000	2012
<i>B. suis</i> 06 791 1309	AXMT01000001, AXMT01000011	2013
<i>B. suis</i> bv. 1 str. BCB025	NZ_ALOK00000000	2012
<i>B. suis</i> bv. 1 str. S2	NZ_AFFC00000000	2011
<i>B. abortus</i> bv 1 str. NI435a	AGVF00000000.1	2012
<i>B. abortus</i> bv 1 str. NI474	GCA_000245875.1	2012
<i>B. abortus</i> 225/65	GCA_000369905.1	2012
<i>B. abortus</i> bv. 1 str. 9-941	NC_006932.1, NC_006933.1	2005
<i>B. abortus</i> bv. 2 str. 86/8/59	NZ_CP007765.1, NZ_CP007764.1	Reference
<i>B. abortus</i> A13334	NC_016795.1, NC_016777.1	2012
<i>B. abortus</i> S19	NC_010742.1, NC_010740.1	2008
<i>B. abortus</i> 2308	AM040264, AM040265	2005
<i>B. abortus</i> bv. 6 str. 870	CP007709.1, CP007710.1	2014
<i>B. abortus</i> bv. 9 str. C68	CP007705.1, CP007706.1	2014
<i>B. abortus</i> str. NCTC 10505	CP007700.1, CP007701.1	2014
<i>B. abortus</i> str. BAB8416	CP008774.1, CP008775.1	2016
<i>B. abortus</i> str. 3196	CP007707.1, CP007708.1	2014
<i>B. abortus</i> bv.1 str. 544	JPHK00000000	2015
<i>B. abortus</i> bv.4 str. 292	JMSB01000000	2014
<i>B. abortus</i> str. BDW	CP007681.1, CP007680.1	2014
<i>B. abortus</i> str. 104M	ALOQ01000000	2012
<i>B. abortus</i> str. BEU	JMSA00000000	2014
<i>B. abortus</i> str. Tulya	ACBI01000000	2014
<i>B. abortus</i> str. BER	CP007682, CP007683	2014
<i>B. abortus</i> str. BFY	CP007738, CP007737	2014
<i>B. abortus</i> ZW053	CP009098.1, CP009099.1	2014
<i>B. abortus</i> str. 6375	CP007663, CP007662	2014
<i>B. abortus</i> bv. 5 str. B3196	ACXC01000000	2010