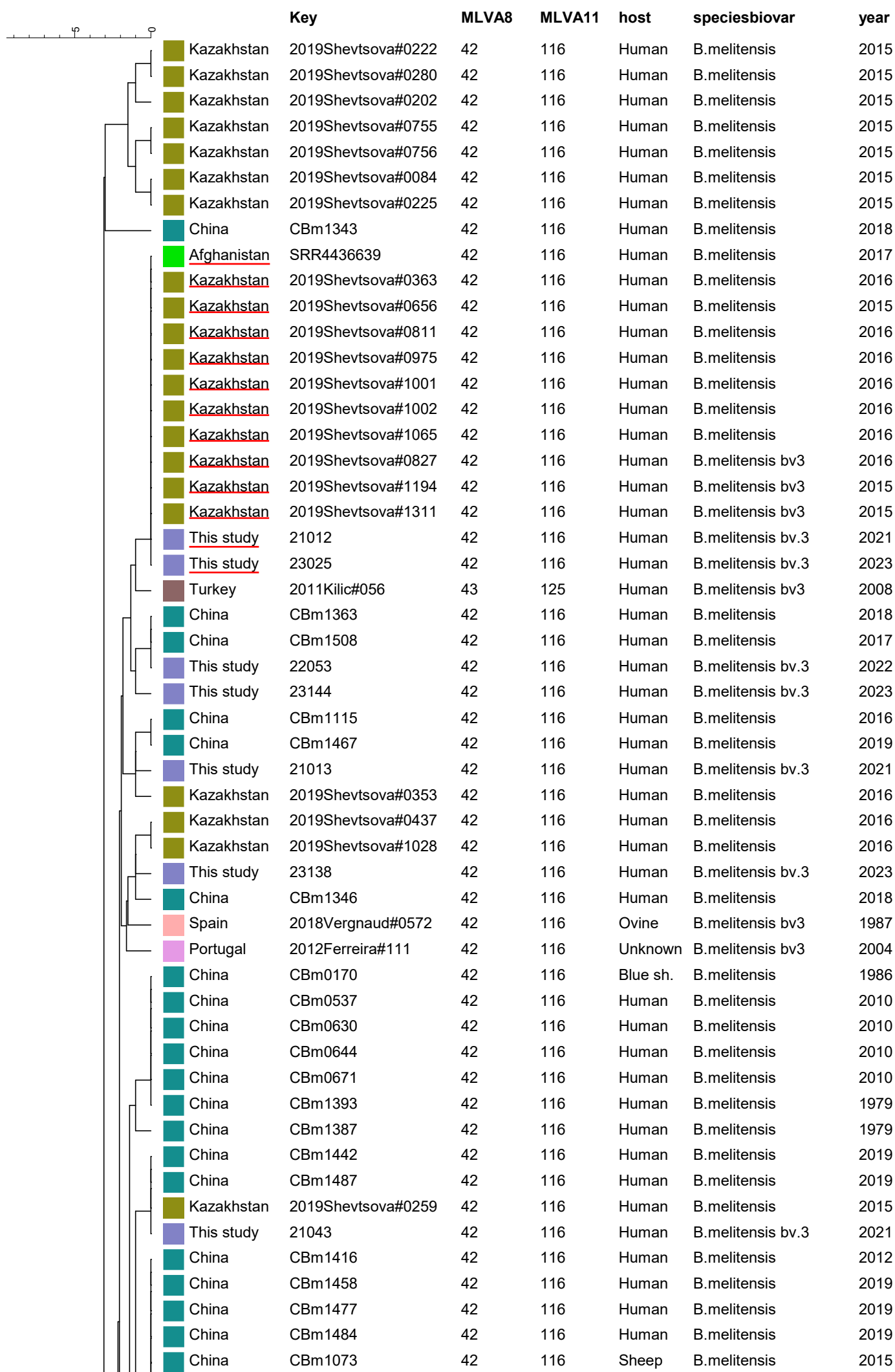




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	Kazakhstan	2015Shevtsov#178	42	116	Ovine	B.melitensis	2012
	Kazakhstan	2015Shevtsov#179	42	116	Ovine	B.melitensis	2012
	Kazakhstan	2015Shevtsov#180	42	116	Ovine	B.melitensis	2012
	Kazakhstan	2019Shevtsova#0693	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0732	42	116	Human	B.melitensis bv1	2015
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	Kazakhstan	2019Shevtsova#0389	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0731	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1135	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1147	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1279	42	116	Human	B.melitensis bv3	2015
	Turkey	2011Kilic#080	42	116	Human	B.melitensis bv3	2003
	Turkey	2011Kilic#081	42	116	Human	B.melitensis bv3	2003
	China	CBm0078	42	116	Cattle	B.melitensis	1973
	China	CBm0803	42	116	Human	B.melitensis	2012
	China	CBm0949	42	116	Human	B.melitensis	2013
	China	CBm1022	42	116	Sheep	B.melitensis	2014
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	Kazakhstan	2019Shevtsova#0735	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0773	42	116	Human	B.melitensis bv3	2015
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	Kazakhstan	2019Shevtsova#0903	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0922	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1272	42	116	Human	B.melitensis bv3	2015
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	Kazakhstan	2019Shevtsova#0650	42	116	Human	B.melitensis bv3	2015
	China	CBm0462	42	116	Human	B.melitensis	2009
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	Kazakhstan	2019Shevtsova#0779	42	116	Human	B.melitensis bv3	2016
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	Kazakhstan	2019Shevtsova#0844	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0880	42	116	Human	B.melitensis bv3	2016
	China	CBm1322	42	116	Human	B.melitensis	2018
	Kazakhstan	2019Shevtsova#0052	42	116	Human	B.melitensis	2015
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	Kazakhstan	2019Shevtsova#0340	42	116	Human	B.melitensis	2015

	Kazakhstan	2019Shevtsova#0422	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1000	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1126	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0056	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0714	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0752	42	116	Human	B.melitensis bv3	2015
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	China	CBm0958	42	116	Human	B.melitensis	2013
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	China	CBm1264	42	116	Human	B.melitensis	2017
	China	CBm1437	42	116	Human	B.melitensis	2013
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	Kazakhstan	2019Shevtsova#0549	42	116	Human	B.melitensis	2015
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	Kazakhstan	2019Shevtsova#0912	42	116	Human	B.melitensis bv3	2016
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	China	CBm0467	42	116	Human	B.melitensis	2009
	China	CBm0536	42	116	Human	B.melitensis	2010
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	Kazakhstan	2019Shevtsova#0520	42	116	Human	B.melitensis	2015
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	Kazakhstan	2015Shevtsov#130	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#232	42	116	Ovine	B.melitensis bv2	2008
	Kazakhstan	2019Shevtsova#0614	42	116	Human	B.melitensis bv3	2015
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	Kazakhstan	2019Shevtsova#0933	42	116	Human	B.melitensis bv3	2016
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	Portugal	2012Ferreira#064	42	116	Unknown	B.melitensis bv3	2004
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	Kazakhstan	2019Shevtsova#1163	42	389	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1187	42	389	Human	B.melitensis bv3	2015
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	Kazakhstan	2019Shevtsova#0512	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0583	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1117	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1037	42	116	Human	B.melitensis bv1	2016
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	Kazakhstan	2019Shevtsova#0742	42	116	Human	B.melitensis bv1	2015
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	Kazakhstan	2019Shevtsova#0150	42	116	Human	B.melitensis	2015
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China	CBm0979	42	116	Human	B.melitensis	2014
China	CBm0983	42	116	Human	B.melitensis	2014
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China	CBm1046	42	116	Human	B.melitensis	2015
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Kazakhstan	2019Shevtsova#1327	42	116	Human	B.melitensis bv3	2015
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China	CBm0287	42	116	Human	B.melitensis	2005
China	CBm0288	42	116	Human	B.melitensis	2005
China	CBm0289	42	116	Human	B.melitensis	2005
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China	CBm0293	42	116	Human	B.melitensis	2005
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China	CBm0894	42	116	Human	B.melitensis	2013
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China	CBm0142	42	116	Sheep	B.melitensis	1980
China	CBm0317	42	116	Sheep	B.melitensis	2006
China	CBm1027	42	116	Sheep	B.melitensis	2014
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Kazakhstan	2019Shevtsova#0727	42	116	Human	B.melitensis	2015
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Kazakhstan	2019Shevtsova#0809	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1027	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1153	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1204	42	116	Human	B.melitensis	2015
Kazakhstan	2015Shevtsov#131	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#132	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#133	42	116	Ovine	B.melitensis	2013
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Kazakhstan	2015Shevtsov#147	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#148	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#149	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#150	42	116	Ovine	B.melitensis	2013
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Kazakhstan	2019Shevtsova#0940	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1051	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1071	42	116	Human	B.melitensis bv3	2016
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China	CBm0993	42	116	Human	B.melitensis	2014

	China	CBm1366	42	116	Human	B.melitensis	2018
	China	CBm0218	42	116	Sheep	B.melitensis	1995
	Kazakhstan	2019Shevtsova#1046	42	116	Human	B.melitensis	2016
	China	CBm0114	42	116	Human	B.melitensis	1979
	China	CBm0496	42	116	Human	B.melitensis	2009
	China	CBm0887	42	116	Human	B.melitensis	2013
	China	CBm0061	42	116	Human	B.melitensis	1965
	China	CBm0362	42	116	Human	B.melitensis	2007
	China	CBm0377	42	116	Human	B.melitensis	2007
	China	CBm0392	42	116	Human	B.melitensis	2007
	China	CBm0804	42	116	Human	B.melitensis	2012
	China	CBm1118	42	116	Human	B.melitensis	2016
	China	CBm1296	42	116	Human	B.melitensis	2017
	China	CBm1312	42	116	Human	B.melitensis	2017
	China	CBm1514	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0088	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0155	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0217	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0980	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1104	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1111	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1317	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#1207	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1281	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1313	42	116	Human	B.melitensis bv3	2015
	China	CBm0886	42	116	Human	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0240	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0784	42	297	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0833	42	297	Human	B.melitensis bv3	2016
	China	CBm0112	42	116	Human	B.melitensis	1979
	China	CBm0432	42	116	Human	B.melitensis	2008
	China	CBm0444	42	116	Human	B.melitensis	2008
	China	CBm0458	42	116	Human	B.melitensis	2008
	China	CBm1085	42	116	Human	B.melitensis	2016
	China	CBm1113	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0097	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0099	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0346	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0357	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1033	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1115	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1171	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1173	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0678	42	116	Human	B.melitensis bv3	2015
	This study	23170	42	116	Human	B.melitensis bv.3	2023
	This study	23215	42	116	Human	B.melitensis bv.3	2023
	Kazakhstan	2019Shevtsova#0009	42	180	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0364	42	180	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0367	42	180	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0369	42	180	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0371	42	180	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0490	42	180	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0604	42	180	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0919	42	180	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1122	42	180	Human	B.melitensis bv3	2016
	China	CBm0177	42	116	Blue sh.	B.melitensis	1988

	China	CBm0062	42	116	Human	B.melitensis	1965
	China	CBm0066	42	116	Human	B.melitensis	1966
	China	CBm0115	42	116	Human	B.melitensis	1979
	China	CBm0160	42	116	Human	B.melitensis	1982
	China	CBm0161	42	116	Human	B.melitensis	1982
	China	CBm0182	42	116	Human	B.melitensis	1990
	China	CBm0206	42	116	Human	B.melitensis	1994
	China	CBm0344	42	116	Human	B.melitensis	2007
	China	CBm0356	42	116	Human	B.melitensis	2007
	China	CBm0361	42	116	Human	B.melitensis	2007
	China	CBm0373	42	116	Human	B.melitensis	2007
	China	CBm0374	42	116	Human	B.melitensis	2007
	China	CBm0375	42	116	Human	B.melitensis	2007
	China	CBm0381	42	116	Human	B.melitensis	2007
	China	CBm0386	42	116	Human	B.melitensis	2007
	China	CBm0391	42	116	Human	B.melitensis	2007
	China	CBm0408	42	116	Human	B.melitensis	2008
	China	CBm0422	42	116	Human	B.melitensis	2008
	China	CBm0509	42	116	Human	B.melitensis	2009
	China	CBm0518	42	116	Human	B.melitensis	2009
	China	CBm0523	42	116	Human	B.melitensis	2009
	China	CBm0800	42	116	Human	B.melitensis	2012
	China	CBm1265	42	116	Human	B.melitensis	2017
	China	CBm0079	42	116	Sheep	B.melitensis	1973
	Kazakhstan	2019Shevtsova#0853	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1210	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0647	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0768	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1067	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1252	42	116	Human	B.melitensis bv3	2015
	China	CBm0284	42	116	Human	B.melitensis	2005
	China	CBm0718	42	116	Human	B.melitensis	2011
	Kazakhstan	2015Shevtsov#220	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2019Shevtsova#1208	42	116	Human	B.melitensis bv2	2015
	Kazakhstan	2019Shevtsova#0467	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0471	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0476	42	116	Human	B.melitensis	2016
	China	CBm1475	42	116	Human	B.melitensis	2019
	China	CBm1078	42	116	Sheep	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0284	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0291	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0293	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0296	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0416	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0483	42	116	Human	B.melitensis	2016
	Kazakhstan	2015Shevtsov#246	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#251	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0823	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1184	42	116	Human	B.melitensis bv3	2015
	Saudi Arabia	SRR4436629	42	116	Human	B.melitensis	2017
	China	CBm1403	42	116	Human	B.melitensis	2010
	China	CBm1407	42	116	Human	B.melitensis	2011
	Kazakhstan	2019Shevtsova#0070	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0176	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0283	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0495	42	116	Human	B.melitensis	2015

This study	23099	42	116	Human	B.melitensis bv.3	2023
This study	23107	42	116	Human	B.melitensis bv.3	2023
This study	23113	42	116	Human	B.melitensis bv.3	2023
This study	23276	42	116	Human	B.melitensis bv.3	2023
China	CBm0848	42	116	Human	B.melitensis	2012
China	CBm0948	42	116	Human	B.melitensis	2013
China	CBm0951	42	116	Human	B.melitensis	2013
China	CBm0952	42	116	Human	B.melitensis	2013
China	CBm1250	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1262	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0701	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#1267	42	116	Human	B.melitensis bv3	2015
This study	22046	42	116	Human	B.melitensis bv.3	2022
This study	22062	42	116	Human	B.melitensis bv.3	2022
This study	23137	42	116	Human	B.melitensis bv.3	2023
China	CBm0257	42	116	Human	B.melitensis	1998
China	CBm0661	42	116	Human	B.melitensis	2010
China	CBm0736	42	116	Human	B.melitensis	2011
China	CBm0862	42	116	Human	B.melitensis	2013
China	CBm1003	42	116	Human	B.melitensis	2014
China	CBm0036	42	116	Sheep	B.melitensis	1962
China	CBm0202	42	116	Sheep	B.melitensis	1993
Kazakhstan	2019Shevtsova#0042	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0071	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0432	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0765	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1038	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1139	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1300	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0754	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0891	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0904	42	116	Human	B.melitensis bv3	2016
This study	21021	42	116	Human	B.melitensis bv.1	2021
This study	22127	42	116	Human	B.melitensis bv.3	2022
This study	22157	42	116	Human	B.melitensis bv.3	2022
This study	22162	42	116	Human	B.melitensis bv.3	2022
This study	22188	42	116	Human	B.melitensis bv.3	2022
This study	22204	42	116	Human	B.melitensis bv.3	2022
This study	22205	42	116	Human	B.melitensis bv.3	2022
This study	23009	42	116	Human	B.melitensis bv.3	2023
China	CBm0167	42	116	Blue sh.	B.melitensis	1986
China	CBm0175	42	116	Blue sh.	B.melitensis	1988
China	CBm0006	42	116	Human	B.melitensis	1957
China	CBm0010	42	116	Human	B.melitensis	1957
China	CBm0016	42	116	Human	B.melitensis	1958
China	CBm0018	42	116	Human	B.melitensis	1958
China	CBm0028	42	116	Human	B.melitensis	1961
China	CBm0109	42	116	Human	B.melitensis	1979
China	CBm0451	42	116	Human	B.melitensis	2008
China	CBm0494	42	116	Human	B.melitensis	2009
China	CBm0498	42	116	Human	B.melitensis	2009
China	CBm0508	42	116	Human	B.melitensis	2009
China	CBm0514	42	116	Human	B.melitensis	2009
China	CBm0516	42	116	Human	B.melitensis	2009
China	CBm0520	42	116	Human	B.melitensis	2009
China	CBm0522	42	116	Human	B.melitensis	2009

China	CBm0625	42	116	Human	B.melitensis	2010
China	CBm0634	42	116	Human	B.melitensis	2010
China	CBm0635	42	116	Human	B.melitensis	2010
China	CBm0640	42	116	Human	B.melitensis	2010
China	CBm0647	42	116	Human	B.melitensis	2010
China	CBm0666	42	116	Human	B.melitensis	2010
China	CBm0799	42	116	Human	B.melitensis	2012
China	CBm1432	42	116	Human	B.melitensis	2013
China	CBm0015	42	116	Sheep	B.melitensis	1957
China	CBm0021	42	116	Sheep	B.melitensis	1958
China	CBm0133	42	116	Sheep	B.melitensis	1980
China	CBm0135	42	116	Sheep	B.melitensis	1980
China	CBm0219	42	116	Sheep	B.melitensis	1995
China	CBm0241	42	116	Sheep	B.melitensis	1996
China	CBm0315	42	116	Sheep	B.melitensis	2006
China	CBm0316	42	116	Sheep	B.melitensis	2006
China	CBm0325	42	116	Sheep	B.melitensis	2006
China	CBm0335	42	116	Sheep	B.melitensis	2007
China	CBm0336	42	116	Sheep	B.melitensis	2007
China	CBm0338	42	116	Sheep	B.melitensis	2007
China	CBm0339	42	116	Sheep	B.melitensis	2007
China	CBm0147	42	116	Yak	B.melitensis	1980
China	CBm0148	42	116	Yak	B.melitensis	1980
Kazakhstan	2019Shevtsova#1030	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1121	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0643	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0688	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0615	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0743	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0794	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0795	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1326	42	116	Human	B.melitensis bv3	2015
This study	23083	42	116	Human	B.melitensis bv.3	2023
China	CBm1444	42	116	Human	B.melitensis	2019
Kazakhstan	2019Shevtsova#0469	42	116	Human	B.melitensis	2016
China	CBm1394	42	116	Human	B.melitensis	1979
China	CBm1395	42	116	Human	B.melitensis	1979
China	CBm0656	42	116	Human	B.melitensis	2010
Kazakhstan	2019Shevtsova#0451	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0698	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0699	42	116	Human	B.melitensis bv1	2015
This study	19024	42	116	Human	B.melitensis bv.3	2019
This study	23065	42	116	Human	B.melitensis bv.3	2023
This study	23112	42	116	Human	B.melitensis bv.3	2023
This study	23124	42	116	Human	B.melitensis bv.3	2023
This study	23261	42	116	Human	B.melitensis bv.3	2023
This study	23280	42	116	Human	B.melitensis bv.3	2023
This study	23278	42	116	Human	B.melitensis bv.3	2023
China	CBm0760	42	116	Cattle	B.melitensis	2011
China	CBm0113	42	116	Human	B.melitensis	1979
China	CBm0631	42	116	Human	B.melitensis	2010
China	CBm0648	42	116	Human	B.melitensis	2010
China	CBm0672	42	116	Human	B.melitensis	2010
China	CBm0716	42	116	Human	B.melitensis	2011
China	CBm0802	42	116	Human	B.melitensis	2012
China	CBm0956	42	116	Human	B.melitensis	2013

	China	CBm0959	42	116	Human	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0082	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0537	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0841	42	116	Human	B.melitensis bv1	2016
	Kazakhstan	2019Shevtsova#0733	42	116	Human	B.melitensis bv3	2015
	China	CBm0967	114	291	Human	B.melitensis	2013
	China	CBm0968	114	291	Human	B.melitensis	2013
	China	CBm0461	42	116	Human	B.melitensis	2009
	Kazakhstan	2019Shevtsova#0413	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0848	42	116	Human	B.melitensis bv3	2016
	China	CBm0761	42	116	Catle	B.melitensis	2011
	China	CBm1307	42	116	Human	B.melitensis	2017
	China	CBm0549	42	116	Sheep	B.melitensis	2010
	China	CBm0844	42	116	Sheep	B.melitensis	2012
	Kazakhstan	2019Shevtsova#0233	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0530	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0555	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0559	42	116	Human	B.melitensis	2015
	This study	17003	42	116	Human	B.melitensis bv.3	2017
	This study	22001	42	116	Human	B.melitensis bv.3	2022
	This study	23203	42	116	Human	B.melitensis bv.3	2023
	China	CBm1488	42	116	Human	B.melitensis	2016
	China	CBm1495	42	116	Human	B.melitensis	2018
	Kazakhstan	2019Shevtsova#0270	42	116	Human	B.melitensis	2015
	China	CBm1340	42	116	Human	B.melitensis	2018
	<u>Mongolia</u>	2018Vergnaud#0317	42	116	Human	B.melitensis atypical	2002
	<u>Mongolia</u>	2018Vergnaud#0366	42	116	Human	B.melitensis Rough	2000
	<u>Mongolia</u>	2018Vergnaud#0367	42	116	Human	B.melitensis Rough	2002
	<u>This study</u>	20006	42	116	Human	B.melitensis bv.3	2020
	China	CBm0477	42	116	Human	B.melitensis	2009
	China	CBm0864	42	116	Human	B.melitensis	2013
	China	CBm0865	42	116	Human	B.melitensis	2013
	China	CBm0866	42	116	Human	B.melitensis	2013
	China	CBm0980	42	116	Human	B.melitensis	2014
	China	CBm0984	42	116	Human	B.melitensis	2014
	China	CBm1474	42	116	Human	B.melitensis	2019
	Kazakhstan	2019Shevtsova#0036	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0198	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0204	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0205	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0207	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0330	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0381	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0382	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0491	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0507	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0541	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0553	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0578	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0579	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1107	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1180	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0195	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0197	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#1192	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0196	42	116	Human	B.melitensis bv3	2015

	Kazakhstan	2019Shevtsova#0759	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1242	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1310	42	116	Human	B.melitensis bv3	2015
	This study	20026	42	116	Human	B.melitensis bv.3	2020
	Kazakhstan	2019Shevtsova#0706	42	116	Human	B.melitensis bv1	2015
	Spain	2018Vergnaud#1140	42	116	Ovine	B.melitensis bv3	1991
	Spain	2018Vergnaud#1141	42	116	Ovine	B.melitensis bv3	1991
	Spain	2018Vergnaud#0882	42	116	Human	B.melitensis bv1	1995
	Spain	2018Vergnaud#1297	42	116	Human	B.melitensis bv3	1975
	Kazakhstan	2019Shevtsova#0532	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0567	42	116	Human	B.melitensis	2015
	France	2018Vergnaud#0697	42	116	Human	B.melitensis bv3	1999
	France	2018Vergnaud#1067	42	116	Human	B.melitensis bv3	2000
	China	CBm0040	42	116	Human	B.melitensis	1962
	China	CBm0249	42	116	Human	B.melitensis	1996
	China	CBm0777	42	116	Human	B.melitensis	2011
	China	CBm0784	42	116	Human	B.melitensis	2011
	China	CBm0145	42	116	Sheep	B.melitensis	1980
	China	CBm0937	42	116	Sheep	B.melitensis	2013
	China	CBm1074	42	116	Sheep	B.melitensis	2015
	China	CBm1075	42	116	Sheep	B.melitensis	2015
	China	CBm0152	42	116	Yak	B.melitensis	1980
	Kazakhstan	2019Shevtsova#0035	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0090	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0175	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0206	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0214	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0309	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0335	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0407	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0409	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0415	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0428	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0433	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0516	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0526	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1047	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1219	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0607	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0690	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0695	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0851	42	116	Human	B.melitensis bv1	2016
	Kazakhstan	2019Shevtsova#0190	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0606	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0611	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0894	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0944	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1247	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1249	42	116	Human	B.melitensis bv3	2015
	This study	20033	42	116	Human	B.melitensis bv.3	2020
	This study	22199	42	116	Human	B.melitensis bv.3	2022
	Kazakhstan	2019Shevtsova#0861	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0895	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0826	42	116	Human	B.melitensis bv3	2016
	This study	21031	42	116	Human	B.melitensis bv.3	2021
	Kazakhstan	2019Shevtsova#1211	42	116	Human	B.melitensis bv3	2015

	China	CBm0928	42	116	Sheep	B.melitensis	2013
	China	CBm1025	42	116	Sheep	B.melitensis	2014
	Kazakhstan	2019Shevtsova#1149	42	116	Human	B.melitensis	2016
	China	CBm0765	42	116	Sheep	B.melitensis	2011
	China	CBm0845	42	116	Sheep	B.melitensis	2012
	China	CBm0931	42	116	Sheep	B.melitensis	2013
	China	CBm0933	42	116	Sheep	B.melitensis	2013
	China	CBm0947	42	116	Human	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0095	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1076	42	116	Human	B.melitensis	2016
	Turkey	2011Kilic#034	42	116	Human	B.melitensis bv3	2007
	China	CBm0171	42	116	Blue sh.	B.melitensis	1986
	China	CBm0248	42	116	Human	B.melitensis	1996
	China	CBm0472	42	116	Human	B.melitensis	2009
	China	CBm0473	42	116	Human	B.melitensis	2009
	China	CBm0870	42	116	Human	B.melitensis	2013
	China	CBm0871	42	116	Human	B.melitensis	2013
	China	CBm0872	42	116	Human	B.melitensis	2013
	China	CBm0763	42	116	Sheep	B.melitensis	2011
	China	CBm0768	42	116	Sheep	B.melitensis	2011
	China	CBm0769	42	116	Sheep	B.melitensis	2011
	China	CBm0775	42	116	Sheep	B.melitensis	2011
	China	CBm0932	42	116	Sheep	B.melitensis	2013
	China	CBm0936	42	116	Sheep	B.melitensis	2013
	China	CBm1026	42	116	Sheep	B.melitensis	2014
	China	CBm1036	42	116	Sheep	B.melitensis	2014
	Kazakhstan	2019Shevtsova#0022	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0033	42	116	Human	B.melitensis	2015
	Kazakhstan	2015Shevtsov#171	42	116	Ovine	B.melitensis bv1	2011
	Kazakhstan	2015Shevtsov#175	42	116	Ovine	B.melitensis bv1	2011
	Kazakhstan	2015Shevtsov#176	42	116	Ovine	B.melitensis bv1	2011
	Kazakhstan	2015Shevtsov#221	42	116	Ovine	B.melitensis bv3	2008
	Kazakhstan	2019Shevtsova#0414	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0870	42	116	Human	B.melitensis bv1	2016
	Kazakhstan	2019Shevtsova#0834	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0867	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0882	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0237	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0269	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0273	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0477	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0506	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0988	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0990	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0993	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0994	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0995	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0997	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1014	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0946	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0234	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0249	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0136	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0137	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0139	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0855	42	116	Human	B.melitensis bv3	2016

	Kazakhstan	2019Shevtsova#1008	42	116	Human	B.melitensis bv3	2016
	China	CBm1332	42	116	Human	B.melitensis	2018
	Kazakhstan	2015Shevtsov#170	42	116	Ovine	B.melitensis bv1	2011
	Kazakhstan	2015Shevtsov#173	42	116	Ovine	B.melitensis bv1	2011
	Kazakhstan	2019Shevtsova#0846	42	116	Human	B.melitensis bv3	2016
	China	CBm1295	42	116	Human	B.melitensis	2017
	China	CBm0210	42	116	Sheep	B.melitensis	1994
	This study	19019	42	116	Human	B.melitensis bv.3	2019
	This study	19023	42	116	Human	B.melitensis bv.3	2019
	This study	21024	42	116	Human	B.melitensis bv.3	2022
	This study	21049	42	116	Human	B.melitensis bv.3	2021
	This study	22023	42	116	Human	B.melitensis bv.3	2022
	This study	22038	42	116	Human	B.melitensis bv.1	2022
	This study	22045	42	116	Human	B.melitensis bv.3	2022
	This study	22064	42	116	Human	B.melitensis bv.3	2022
	This study	22097	42	116	Human	B.melitensis bv.3	2022
	This study	22146	42	116	Human	B.melitensis bv.3	2022
	This study	22182	42	116	Human	B.melitensis bv.3	2022
	This study	23044	42	116	Human	B.melitensis bv.3	2023
	This study	23084	42	116	Human	B.melitensis bv.3	2023
	This study	23141	42	116	Human	B.melitensis bv.3	2023
	This study	23251	42	116	Human	B.melitensis bv.3	2023
	This study	23256	42	116	Human	B.melitensis bv.3	2023
	This study	23259	42	116	Human	B.melitensis bv.3	2023
	This study	23281	42	116	Human	B.melitensis bv.3	2023
	China	CBm1084	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0258	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0412	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1106	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1254	42	116	Human	B.melitensis bv3	2015
	This study	22203	42	116	Human	B.melitensis bv.3	2022
	China	CBm0426	42	116	Human	B.melitensis	2008
	China	CBm0442	42	116	Human	B.melitensis	2008
	China	CBm0452	42	116	Human	B.melitensis	2008
	China	CBm0459	42	116	Human	B.melitensis	2009
	China	CBm1462	42	116	Human	B.melitensis	2019
	China	CBm1463	42	116	Human	B.melitensis	2019
	China	CBm0146	42	116	Tibetan	B.melitensis	1980
	Kazakhstan	2019Shevtsova#1074	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1257	42	116	Human	B.melitensis bv3	2015
	China	CBm0359	42	116	Human	B.melitensis	2007
	China	CBm0372	42	116	Human	B.melitensis	2007
	China	CBm0389	42	116	Human	B.melitensis	2007
	China	CBm0888	42	116	Human	B.melitensis	2013
	China	CBm0080	42	116	Sheep	B.melitensis	1973
	Kazakhstan	2019Shevtsova#0308	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0310	42	116	Human	B.melitensis bv3	2016
	China	CBm0295	42	116	Human	B.melitensis	2005
	China	CBm0296	42	116	Human	B.melitensis	2005
	China	CBm0436	42	116	Human	B.melitensis	2008
	China	CBm0488	42	116	Human	B.melitensis	2009
	China	CBm0754	42	116	Human	B.melitensis	2011
	China	CBm0930	42	116	Sheep	B.melitensis	2013
	China	CBm0935	42	116	Sheep	B.melitensis	2013
	China	CBm1028	42	116	Sheep	B.melitensis	2014
Kazakhstan	2019Shevtsova#0086	42	116	Human	B.melitensis	2015	

	Kazakhstan	2019Shevtsova#1093	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1199	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0623	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0625	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#1182	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0618	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0941	42	116	Human	B.melitensis bv3	2016
	This study	22026	42	116	Human	B.melitensis bv.3	2022
	This study	22085	42	116	Human	B.melitensis bv.3	2022
	China	CBm0060	42	116	Human	B.melitensis	1965
	China	CBm0213	42	116	Human	B.melitensis	1995
	China	CBm0401	42	116	Human	B.melitensis	2008
	China	CBm0402	42	116	Human	B.melitensis	2008
	China	CBm0419	42	116	Human	B.melitensis	2008
	China	CBm0420	42	116	Human	B.melitensis	2008
	China	CBm0429	42	116	Human	B.melitensis	2008
	China	CBm0443	42	116	Human	B.melitensis	2008
	China	CBm0455	42	116	Human	B.melitensis	2008
	China	CBm0484	42	116	Human	B.melitensis	2009
	China	CBm0486	42	116	Human	B.melitensis	2009
	China	CBm0546	42	116	Human	B.melitensis	2010
	China	CBm0633	42	116	Human	B.melitensis	2010
	China	CBm0889	42	116	Human	B.melitensis	2013
	China	CBm1033	42	116	Human	B.melitensis	2014
	China	CBm0051	42	116	Sheep	B.melitensis	1964
	China	CBm0134	42	116	Sheep	B.melitensis	1980
	Kazakhstan	2019Shevtsova#0060	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0321	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0418	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0996	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1029	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0901	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0909	42	116	Human	B.melitensis bv3	2016
	This study	21038	42	116	Human	B.melitensis bv.3	2021
	This study	21041	42	116	Human	B.melitensis bv.3	2021
	This study	22022	42	116	Human	B.melitensis bv.3	2022
	This study	20005	42	116	Human	B.melitensis bv.3	2020
	Kazakhstan	2019Shevtsova#1316	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#1318	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0253	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0947	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0067	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0224	42	116	Human	B.melitensis	2015
	China	CBm0063	42	116	Human	B.melitensis	1965
	China	CBm0329	42	116	Human	B.melitensis	2006
	China	CBm0331	42	116	Human	B.melitensis	2006
	China	CBm0333	42	116	Human	B.melitensis	2006
	Kazakhstan	2019Shevtsova#0450	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0954	42	116	Human	B.melitensis bv3	2016
	This study	23110	42	116	Human	B.melitensis bv.3	2023
	China	CBm0690	42	116	Human	B.melitensis	2011
	Kazakhstan	2019Shevtsova#0431	42	116	Human	B.melitensis	2016
	China	CBm0166	42	116	Blue sh.	B.melitensis	1986
	China	CBm0108	42	116	Human	B.melitensis	1979
	China	CBm0342	42	116	Human	B.melitensis	2007
	China	CBm1031	42	297	Human	B.melitensis	2014

	China	CBm0695	42	116	Human	B.melitensis	2011
	Kazakhstan	2019Shevtsova#0550	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0570	42	116	Human	B.melitensis	2015
	China	CBm0012	42	116	Sheep	B.melitensis	1957
	China	CBm0141	42	116	Sheep	B.melitensis	1980
	China	CBm1286	42	116	Human	B.melitensis	2017
	Kazakhstan	2019Shevtsova#0620	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0757	42	116	Human	B.melitensis	2015
	This study	23130	42	116	Human	B.melitensis bv.3	2023
	China	CBm0252	42	297	Human	B.melitensis	1997
	China	CBm0598	42	116	Human	B.melitensis	2010
	China	CBm0793	42	116	Human	B.melitensis	2012
	China	CBm0794	42	116	Human	B.melitensis	2012
	China	CBm0132	42	116	Cattle	B.melitensis	1980
	China	CBm0311	42	116	Human	B.melitensis	2006
	China	CBm0314	42	116	Human	B.melitensis	2006
	China	CBm0081	42	116	Yak	B.melitensis	1973
	Kazakhstan	2019Shevtsova#0352	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0593	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0596	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0597	42	116	Human	B.melitensis	2015
	France	2018Vergnaud#1208	42	116	Human	B.melitensis bv3	1993
	Portugal	2018Vergnaud#0610	42	116	Human	B.melitensis bv3	1992
	Portugal	2012Ferreira#037	42	116	Unknown	B.melitensis bv3	2005
	Portugal	2012Ferreira#125	42	116	Unknown	B.melitensis bv3	2011
	Portugal	2012Ferreira#131	42	116	Unknown	B.melitensis bv3	2011
	China	CBm1344	42	116	Human	B.melitensis	2018
	Kazakhstan	2019Shevtsova#0547	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0584	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1078	42	116	Human	B.melitensis	2016
	China	CBm0070	42	116	Human	B.melitensis	1972
	China	CBm0460	42	116	Human	B.melitensis	2009
	China	CBm0071	42	116	Sheep	B.melitensis	1972
	China	CBm0168	42	116	Blue sh.	B.melitensis	1986
	China	CBm0169	42	116	Blue sh.	B.melitensis	1986
	China	CBm0179	42	116	Blue sh.	B.melitensis	1988
	China	CBm0064	42	116	Human	B.melitensis	1965
	China	CBm0332	42	116	Human	B.melitensis	2006
	China	CBm0351	42	116	Human	B.melitensis	2007
	China	CBm0403	42	116	Human	B.melitensis	2008
	China	CBm0406	42	116	Human	B.melitensis	2008
	China	CBm0424	42	116	Human	B.melitensis	2008
	China	CBm0428	42	116	Human	B.melitensis	2008
	China	CBm0430	42	116	Human	B.melitensis	2008
	China	CBm0439	42	116	Human	B.melitensis	2008
	China	CBm0440	42	116	Human	B.melitensis	2008
	China	CBm0445	42	116	Human	B.melitensis	2008
	China	CBm0447	42	116	Human	B.melitensis	2008
	China	CBm0454	42	116	Human	B.melitensis	2008
	China	CBm0456	42	116	Human	B.melitensis	2008
	China	CBm0490	42	116	Human	B.melitensis	2009
	China	CBm0492	42	116	Human	B.melitensis	2009
	China	CBm0493	42	116	Human	B.melitensis	2009
	China	CBm0495	42	116	Human	B.melitensis	2009
	China	CBm0641	42	116	Human	B.melitensis	2010
	China	CBm0151	42	116	Yak	B.melitensis	1980

India	2018Vergnaud#0344	42	116	Human	B.melitensis atypical	2002
India	2018Vergnaud#0342	42	116	Ovine	B.melitensis atypical	2002
India	2018Vergnaud#0343	42	116	Ovine	B.melitensis atypical	2002
Kazakhstan	2019Shevtsova#0213	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0287	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1066	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1088	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1118	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0633	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0087	42	116	Human	B.melitensis bv3	2011
Kazakhstan	2019Shevtsova#0962	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1255	42	116	Human	B.melitensis bv3	2015
Portugal	2012Ferreira#030	42	116	Unknown	B.melitensis bv3	2005
China	CBm1125	42	116	Sheep	B.melitensis	2016
China	CBm1141	42	116	Sheep	B.melitensis	2016
China	CBm1162	42	116	Sheep	B.melitensis	2016
China	CBm0696	42	116	Human	B.melitensis	2011
China	CBm0692	42	116	Human	B.melitensis	2011
China	CBm1391	42	116	Abortus	B.melitensis	1979
China	CBm1386	42	116	Human	B.melitensis	1979
This study	19014	42	YN11-2	Human	B.melitensis bv.1	2019
China	CBm1106	42	116	Human	B.melitensis	2016
China	CBm1116	42	116	Human	B.melitensis	2016
China	CBm1117	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1061	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1079	42	116	Human	B.melitensis bv1	2016
Kazakhstan	2019Shevtsova#0480	42	116	Human	B.melitensis bv3	2016
China	CBm0873	42	116	Human	B.melitensis	2013
India	2018Vergnaud#0698	42	116	Unknown	B.melitensis atypical	2002
Kazakhstan	2019Shevtsova#0166	42	116	Human	B.melitensis	2015
China	CBm0352	42	116	Human	B.melitensis	2007
China	CBm0592	42	116	Human	B.melitensis	2010
China	CBm0595	42	116	Human	B.melitensis	2010
China	CBm0608	42	116	Human	B.melitensis	2010
China	CBm0041	42	116	Sheep	B.melitensis	1963
China	CBm0766	42	116	Sheep	B.melitensis	2011
China	CBm0770	42	116	Sheep	B.melitensis	2011
China	CBm0771	42	116	Sheep	B.melitensis	2011
China	CBm0772	42	116	Sheep	B.melitensis	2011
China	CBm0773	42	116	Sheep	B.melitensis	2011
China	CBm0841	42	116	Sheep	B.melitensis	2012
France	2018Vergnaud#0494	42	116	Human	B.melitensis bv3	2001
France	2018Vergnaud#0885	42	116	Human	B.melitensis bv3	2000
France	2018Vergnaud#1112	42	116	Human	B.melitensis bv3	2000
France	2018Vergnaud#1113	42	116	Human	B.melitensis bv3	2000
Portugal	2018Vergnaud#0493	42	116	Human	B.melitensis bv3	2001
Portugal	2018Vergnaud#0495	42	116	Human	B.melitensis bv3	2001
Portugal	2018Vergnaud#0496	42	116	Human	B.melitensis bv3	2001
China	CBm0130	42	116	Human	B.melitensis	1979
China	CBm0382	42	116	Human	B.melitensis	2007
China	CBm0450	42	116	Human	B.melitensis	2008
China	CBm0479	42	116	Human	B.melitensis	2009
China	CBm0481	42	116	Human	B.melitensis	2009
China	CBm0527	42	116	Human	B.melitensis	2009
China	CBm0530	42	116	Human	B.melitensis	2009
China	CBm0737	42	116	Human	B.melitensis	2011

		India	2006LeFleche#100	42	116	Ovine	B.melitensis	1994
		India	2018Vergnaud#0313	42	116	Ovine	B.melitensis atypical	1994
		India	2018Vergnaud#0314	42	116	Ovine	B.melitensis atypical	2002
		India	2018Vergnaud#0318	42	116	Ovine	B.melitensis atypical	2002
		India	2018Vergnaud#0310	42	116	Ovine	B.melitensis bv1	2000
		Kazakhstan	2019Shevtsova#0026	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0148	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#1085	42	116	Human	B.melitensis	2016
		Kazakhstan	2019Shevtsova#1203	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0704	42	116	Human	B.melitensis bv1	2015
		Kazakhstan	2019Shevtsova#0956	42	116	Human	B.melitensis bv1	2016
		Kazakhstan	2019Shevtsova#0610	42	116	Human	B.melitensis bv3	2015
		This study	22024	42	116	Human	B.melitensis bv.3	2022
		This study	22128	42	116	Human	B.melitensis bv.3	2022
		Kazakhstan	2019Shevtsova#0193	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0194	42	116	Human	B.melitensis bv1	2015
		China	CBm1434	42	116	Human	B.melitensis	2013
		Kazakhstan	2019Shevtsova#0640	42	116	Human	B.melitensis bv3	2015
		Kazakhstan	2019Shevtsova#1196	42	116	Human	B.melitensis bv3	2015
		This study	22050	42	116	Human	B.melitensis bv.1	2022
		This study	22080	42	116	Human	B.melitensis bv.3	2022
		China	CBm0273	42	116	Human	B.melitensis	2002
		China	CBm0639	42	116	Human	B.melitensis	2010
		China	CBm0274	42	116	Sheep	B.melitensis	2003
		China	CBm0275	42	116	Sheep	B.melitensis	2003
		Kazakhstan	2019Shevtsova#0391	42	116	Human	B.melitensis	2016
		Kazakhstan	2019Shevtsova#0600	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0602	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#1195	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#1261	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#1231	42	116	Human	B.melitensis bv3	2015
		Kazakhstan	2019Shevtsova#0329	42	116	Human	B.melitensis	2015
		Turkey	2011Kilic#110	43	125	Human	B.melitensis bv3	2003
		China	CBm0996	42	116	Human	B.melitensis	2014
		China	CBm0998	42	116	Human	B.melitensis	2014
		China	CBm1105	42	116	Human	B.melitensis	2016
		Kazakhstan	2019Shevtsova#0058	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0177	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0535	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#1217	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0185	42	116	Human	B.melitensis bv1	2015
		Mongolia	2018Vergnaud#0525	42	116	Human	B.melitensis bv1	2002
		Kazakhstan	2019Shevtsova#0685	42	116	Human	B.melitensis bv3	2015
		Kazakhstan	2019Shevtsova#0458	42	116	Human	B.melitensis	2016
		China	CBm1095	42	116	Human	B.melitensis	2016
		Portugal	2012Ferreira#071	42	116	Unknown	B.melitensis bv3	2001
		Spain	2018Vergnaud#0499	42	116	Human	B.melitensis bv3	1976
		China	CBm0856	42	116	Human	B.melitensis	2013
		China	CBm1517	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0358	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0648	42	116	Human	B.melitensis bv3	2015	
	Kazakhstan	2019Shevtsova#0787	42	116	Human	B.melitensis bv3	2016	
	Kazakhstan	2019Shevtsova#0769	42	116	Human	B.melitensis	2015	
	This study	23100	42	116	Human	B.melitensis bv.3	2023	
	China	CBm0929	42	116	Sheep	B.melitensis	2013	
	China	CBm0934	42	116	Sheep	B.melitensis	2013	

		China	CBm1005	42	116	Human	B.melitensis	2014
		Kazakhstan	2019Shevtsova#0186	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0200	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0499	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#1188	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#1266	42	116	Human	B.melitensis bv3	2015
		China	CBm0049	42	116	Cattle	B.melitensis	1964
		China	CBm0053	42	116	Human	B.melitensis	1965
		China	CBm0739	42	116	Human	B.melitensis	2011
		China	CBm0740	42	116	Human	B.melitensis	2011
		China	CBm0742	42	116	Human	B.melitensis	2011
		China	CBm1038	42	116	Human	B.melitensis	2015
		China	CBm1451	42	116	Human	B.melitensis	2019
		China	CBm0076	42	116	Sheep	B.melitensis	1973
		China	CBm0144	42	116	Sheep	B.melitensis	1980
		China	CBm0185	42	116	Sheep	B.melitensis	1991
		China	CBm1383	42	116	Sheep	B.melitensis	1973
		China	CBm1455	42	116	Human	B.melitensis	2019
		China	CBm1499	42	116	Human	B.melitensis	2019
		Kazakhstan	2019Shevtsova#0354	42	116	Human	B.melitensis	2016
		Portugal	2012Ferreira#026	42	116	Unknown	B.melitensis bv3	2003
		China	CBm0943	42	116	Human	B.melitensis	2013
		China	CBm1004	42	116	Human	B.melitensis	2014
		China	CBm1329	42	116	Human	B.melitensis	2018
		Kazakhstan	2019Shevtsova#0032	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0294	42	116	Human	B.melitensis	2016
		This study	21054	42	116	Human	B.melitensis bv.3	2021
		China	CBm1473	42	116	Human	B.melitensis	2019
		China	CBm0858	42	116	Human	B.melitensis	2013
		Kazakhstan	2019Shevtsova#1294	42	116	Human	B.melitensis bv1	2015
		Greece	2018Vergnaud#0405	43	125	Cattle	B.melitensis bv3	1991
		Kazakhstan	2019Shevtsova#0142	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0143	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0144	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0151	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0152	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0243	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0598	42	116	Human	B.melitensis	2015
		Portugal	2018Vergnaud#0394	42	116	Human	B.melitensis bv3	1985
		France	2018Vergnaud#1394	42	116	Human	B.melitensis bv3	1994
		Spain	2018Vergnaud#0537	42	116	Human	B.melitensis bv3	1983
		Spain	2018Vergnaud#0538	42	116	Human	B.melitensis bv3	1983
		Spain	2018Vergnaud#0539	42	116	Human	B.melitensis bv3	1983
		Spain	2018Vergnaud#0813	42	116	Human	B.melitensis bv3	1975
		Spain	2018Vergnaud#0893	42	116	Human	B.melitensis bv3	1975
		Spain	2018Vergnaud#0894	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1115	42	116	Human	B.melitensis bv3	1975	
	Spain	2018Vergnaud#1123	42	116	Human	B.melitensis bv3	1975	
	Spain	2018Vergnaud#1300	42	116	Human	B.melitensis bv3	1975	
	Spain	2018Vergnaud#1382	42	116	Human	B.melitensis bv3	1983	
	Belgium	2017Hanot-Mambres#14	42	116	Human	B.melitensis bv3	2004	
	Portugal	2012Ferreira#079	42	116	Unknown	B.melitensis bv3	2006	
	Spain	2018Vergnaud#0811	42	116	Human	B.melitensis bv3	1975	
	China	CBm1486	42	116	Human	B.melitensis	2019	
	Mongolia	2018Vergnaud#0279	42	116	Human	B.melitensis bv1	2002	
	Mongolia	2018Vergnaud#0428	42	116	Human	B.melitensis bv1	2002	

	China	CBm1460	42	116	Human	B.melitensis	2019
	Kazakhstan	2019Shevtsova#1007	42	116	Human	B.melitensis	2016
	Syria	SRR4436579	42	116	Human	B.melitensis	2017
	<u>This study</u>	22021	42	116	Human	B.melitensis bv.3	2022
	China	CBm0609	42	116	Human	B.melitensis	2010
	China	CBm0626	42	116	Human	B.melitensis	2010
	China	CBm0646	42	116	Human	B.melitensis	2010
	China	CBm0653	42	116	Human	B.melitensis	2010
	China	CBm0667	42	116	Human	B.melitensis	2010
	China	CBm1099	42	116	Human	B.melitensis	2016
	China	CBm1433	42	116	Human	B.melitensis	2013
	China	CBm1478	42	116	Human	B.melitensis	2019
	China	CBm0140	42	116	Sheep	B.melitensis	1980
	Kazakhstan	2019Shevtsova#0211	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1133	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1306	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1307	42	116	Human	B.melitensis	2015
	This study	21046	42	116	Human	B.melitensis bv.1	2021
	This study	23143	42	116	Human	B.melitensis bv.3	2023
	China	CBm1001	42	116	Human	B.melitensis	2014
	Kazakhstan	2019Shevtsova#0906	42	297	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0908	42	297	Human	B.melitensis bv3	2016
	China	CBm0689	42	116	Human	B.melitensis	2011
	China	CBm1397	42	116	Human	B.melitensis	2009
	Kazakhstan	2019Shevtsova#0327	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0486	42	116	Human	B.melitensis	2016
	This study	21014	42	116	Human	B.melitensis bv.3	2021
	This study	22202	42	116	Human	B.melitensis bv.3	2022
	This study	23024	42	116	Human	B.melitensis bv.3	2023
	This study	23047	42	116	Human	B.melitensis bv.3	2023
	This study	23067	42	116	Human	B.melitensis bv.3	2023
	This study	23226	42	116	Human	B.melitensis bv.3	2023
	China	CBm1367	42	116	Human	B.melitensis	2018
	Iran	SRR4436578	42	116	Human	B.melitensis	2017
	China	CBm0189	42	116	Sheep	B.melitensis	1991
	China	CBm0987	42	116	Human	B.melitensis	2014
	China	CBm0988	42	116	Human	B.melitensis	2014
	This study	20019	43	125	Human	B.melitensis bv.3	2020
	This study	23152	43	125	Human	B.melitensis bv.3	2023
	Kazakhstan	2019Shevtsova#0328	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0384	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0386	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0397	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0601	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0658	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0660	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0666	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0667	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1036	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1134	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1138	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1141	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1144	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1160	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1161	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1197	42	116	Human	B.melitensis	2015

Kazakhstan	2019Shevtsova#1263	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1305	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0110	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0718	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0719	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0720	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0721	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0722	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0679	42	116	Human	B.melitensis bv2	2015
Kazakhstan	2019Shevtsova#0681	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0781	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0850	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1110	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1136	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1137	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1229	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1232	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1235	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1240	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1241	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1243	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1245	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1259	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1260	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1264	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1269	42	116	Human	B.melitensis bv3	2015
This study	22041	42	116	Human	B.melitensis bv.3	2022
This study	20002	42	116	Human	B.melitensis bv.3	2020
This study	23180	42	116	Human	B.melitensis bv.3	2023
Kazakhstan	2019Shevtsova#0858	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0873	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0970	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1159	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1303	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0677	42	116	Human	B.melitensis bv2	2015
Kazakhstan	2019Shevtsova#0770	42	116	Human	B.melitensis bv3	2015
India	2018Vergnaud#0315	42	116	Ovine	B.melitensis atypical	2002
India	2018Vergnaud#0727	42	116	Ovine	B.melitensis bv1	2000
Kazakhstan	2019Shevtsova#1052	42	116	Human	B.melitensis	2016
Turkmenistan	SRR4436623	42	116	Human	B.melitensis	2017
China	CBm0982	42	116	Human	B.melitensis	2014
China	CBm0985	42	116	Human	B.melitensis	2014
China	CBm1410	42	116	Human	B.melitensis	2012
China	CBm1415	42	116	Human	B.melitensis	2012
China	CBm1439	42	116	Human	B.melitensis	2013
China	CBm1450	42	116	Human	B.melitensis	2019
China	CBm1461	42	116	Human	B.melitensis	2019
China	CBm0767	42	116	Sheep	B.melitensis	2011
China	CBm0774	42	116	Sheep	B.melitensis	2011
Kazakhstan	2019Shevtsova#0027	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0076	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0174	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0178	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0209	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0216	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0304	42	116	Human	B.melitensis	2016

1	Kazakhstan	2019Shevtsova#0305	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0313	42	116	Human	B.melitensis	2016
2	Kazakhstan	2019Shevtsova#0332	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0459	42	116	Human	B.melitensis	2016
3	Kazakhstan	2019Shevtsova#0594	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0595	42	116	Human	B.melitensis	2015
4	Kazakhstan	2019Shevtsova#1072	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1146	42	116	Human	B.melitensis	2016
5	Kazakhstan	2019Shevtsova#1216	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0630	42	116	Human	B.melitensis bv1	2015
6	Kazakhstan	2019Shevtsova#0828	42	116	Human	B.melitensis bv1	2016
	Kazakhstan	2019Shevtsova#1142	42	116	Human	B.melitensis bv3	2016
7	Kazakhstan	2019Shevtsova#1189	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1190	42	116	Human	B.melitensis bv3	2015
8	Kazakhstan	2019Shevtsova#1213	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1226	42	116	Human	B.melitensis bv3	2015
9	Kazakhstan	2019Shevtsova#1239	42	116	Human	B.melitensis bv3	2015
	This study	19016	42	116	Human	B.melitensis bv.3	2019
10	This study	21033	42	116	Human	B.melitensis bv.3	2021
	This study	22049	42	116	Human	B.melitensis bv.3	2022
11	This study	20034	42	116	Human	B.melitensis bv.3	2020
	This study	23073	42	116	Human	B.melitensis bv.3	2023
12	China	CBm0090	42	116	Human	B.melitensis	1979
	China	CBm0684	42	116	Human	B.melitensis	2011
13	China	CBm0691	42	116	Human	B.melitensis	2011
	China	CBm0093	42	116	Sheep	B.melitensis	1979
14	This study	21002	42	116	Human	B.melitensis bv.1	2021
	This study	20024	42	116	Human	B.melitensis bv.1	2020
15	This study	21023	42	116	Human	B.melitensis bv.3	2021
	This study	22125	42	116	Human	B.melitensis bv.3	2022
16	Kazakhstan	2019Shevtsova#1271	42	116	Human	B.melitensis bv3	2015
	This study	21029	42	116	Human	B.melitensis bv.3	2021
17	This study	22036	42	116	Human	B.melitensis bv.3	2022
	This study	22138	42	116	Human	B.melitensis bv.3	2022
18	This study	20041	42	116	Human	B.melitensis bv.3	2020
	France	2018Vergnaud#1101	42	116	Human	B.melitensis bv3	1999
19	Kazakhstan	2019Shevtsova#0984	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0985	42	116	Human	B.melitensis	2016
20	This study	23013	42	116	Human	B.melitensis bv.3	2023
	This study	23029	42	116	Human	B.melitensis bv.3	2023
21	This study	23030	42	116	Human	B.melitensis bv.3	2023
	China	CBm0211	42	116	Sheep	B.melitensis	1994
22	China	CBm0222	42	116	Sheep	B.melitensis	1995
	Kazakhstan	2019Shevtsova#0897	42	116	Human	B.melitensis bv3	2016
23	Kazakhstan	2019Shevtsova#0924	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0925	42	116	Human	B.melitensis bv3	2016
24	Kazakhstan	2019Shevtsova#0048	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1212	42	116	Human	B.melitensis	2015
25	Kazakhstan	2019Shevtsova#0945	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1308	42	116	Human	B.melitensis bv3	2015
26	China	CBm1440	42	116	Human	B.melitensis	2019
	China	CBm1466	42	116	Human	B.melitensis	2019
27	Kazakhstan	2019Shevtsova#0255	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0256	42	116	Human	B.melitensis	2015
28	Kazakhstan	2019Shevtsova#0452	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0737	42	116	Human	B.melitensis	2015

Kazakhstan	2019Shevtsova#1073	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1152	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0072	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0649	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0653	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0820	42	116	Human	B.melitensis bv1	2016
Kazakhstan	2019Shevtsova#0856	42	116	Human	B.melitensis bv1	2016
Kazakhstan	2019Shevtsova#0878	42	116	Human	B.melitensis bv1	2016
Kazakhstan	2019Shevtsova#0879	42	116	Human	B.melitensis bv1	2016
Kazakhstan	2019Shevtsova#0791	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0793	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0824	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0871	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0875	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0881	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0896	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0905	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0911	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1021	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1273	42	116	Human	B.melitensis bv3	2015
This study	22035	42	116	Human	B.melitensis bv.3	2022
This study	22124	42	116	Human	B.melitensis bv.3	2022
This study	22153	42	116	Human	B.melitensis bv.3	2022
This study	22158	42	116	Human	B.melitensis bv.3	2022
This study	22197	42	116	Human	B.melitensis bv.3	2022
This study	22201	42	116	Human	B.melitensis bv.3	2022
This study	23202	42	116	Human	B.melitensis bv.3	2023
This study	23245	42	116	Human	B.melitensis bv.3	2023
China	CBm0091	42	116	Human	B.melitensis	1979
China	CBm0409	42	116	Human	B.melitensis	2008
China	CBm0433	42	116	Human	B.melitensis	2008
China	CBm0485	42	116	Human	B.melitensis	2009
China	CBm0637	42	116	Human	B.melitensis	2010
China	CBm0735	42	116	Human	B.melitensis	2011
China	CBm0741	42	116	Human	B.melitensis	2011
China	CBm0743	42	116	Human	B.melitensis	2011
China	CBm0755	42	116	Human	B.melitensis	2011
China	CBm1090	42	116	Human	B.melitensis	2016
China	CBm1303	42	116	Human	B.melitensis	2017
China	CBm0002	42	116	Sheep	B.melitensis	1955
China	CBm0045	42	116	Sheep	B.melitensis	1963
China	CBm0046	42	116	Sheep	B.melitensis	1963
China	CBm0056	42	116	Sheep	B.melitensis	1965
China	CBm0086	42	116	Sheep	B.melitensis	1978
China	CBm0092	42	116	Sheep	B.melitensis	1979
China	CBm0221	42	116	Sheep	B.melitensis	1995
China	CBm0262	42	116	Sheep	B.melitensis	2001
China	CBm0263	42	116	Sheep	B.melitensis	2001
China	CBm0264	42	116	Sheep	B.melitensis	2001
China	CBm0321	42	116	Sheep	B.melitensis	2006
Kazakhstan	2015Shevtsov#127	42	116	Cattle	B.melitensis	2008
Kazakhstan	2019Shevtsova#0004	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0005	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0078	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0106	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0171	42	116	Human	B.melitensis	2015

	Kazakhstan	2019Shevtsova#0172	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0227	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0244	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0251	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0268	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0281	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0347	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0373	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0375	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0380	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0401	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0448	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0474	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0489	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0591	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0711	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0744	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0978	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1017	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1034	42	116	Human	B.melitensis	2016
	Kazakhstan	2015Shevtsov#186	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#187	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#188	42	116	Ovine	B.melitensis	2008
	Kazakhstan	2015Shevtsov#189	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#192	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#194	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#195	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#196	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#198	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#200	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#202	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#203	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#204	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#205	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#207	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#208	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#209	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#212	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#213	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#215	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#216	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#217	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#218	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#224	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#226	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#227	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#235	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#236	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#239	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#240	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#241	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#242	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#243	42	116	Ovine	B.melitensis	2008
	Kazakhstan	2015Shevtsov#244	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#245	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#247	42	116	Ovine	B.melitensis	2013

	Kazakhstan	2015Shevtsova#249	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0275	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0680	42	116	Human	B.melitensis bv3	2015
	<u>Kazakhstan</u>	2019Shevtsova#0777	42	116	Human	B.melitensis bv3	2016
	<u>Kazakhstan</u>	2019Shevtsova#0863	42	116	Human	B.melitensis bv3	2016
	<u>Kazakhstan</u>	2019Shevtsova#0916	42	116	Human	B.melitensis bv3	2016
	<u>Kazakhstan</u>	2019Shevtsova#0932	42	116	Human	B.melitensis bv3	2016
	<u>Kazakhstan</u>	2019Shevtsova#0934	42	116	Human	B.melitensis bv3	2016
	<u>Kazakhstan</u>	2019Shevtsova#0935	42	116	Human	B.melitensis bv3	2016
	<u>Kazakhstan</u>	2019Shevtsova#1031	42	116	Human	B.melitensis bv3	2016
	<u>Kazakhstan</u>	2019Shevtsova#1070	42	116	Human	B.melitensis bv3	2016
	<u>Kazakhstan</u>	2019Shevtsova#1166	42	116	Human	B.melitensis bv3	2015
	<u>Kazakhstan</u>	2019Shevtsova#1175	42	116	Human	B.melitensis bv3	2015
	<u>Kazakhstan</u>	2019Shevtsova#1215	42	116	Human	B.melitensis bv3	2015
	<u>Turkey</u>	SRR4436640	42	116	Human	B.melitensis	2017
	<u>This study</u>	22019	42	116	Human	B.melitensis bv.3	2022
	<u>This study</u>	23140	42	116	Human	B.melitensis bv.3	2023
	<u>This study</u>	23199	42	116	Human	B.melitensis bv.3	2023
	China	CBm0174	42	116	Blue sh.	B.melitensis	1987
	China	CBm0762	42	116	Goat	B.melitensis	2011
	China	CBm0540	42	116	Human	B.melitensis	2010
	China	CBm0738	42	116	Human	B.melitensis	2011
	China	CBm0747	42	116	Human	B.melitensis	2011
	China	CBm0883	42	116	Human	B.melitensis	2013
	China	CBm1096	42	116	Human	B.melitensis	2016
	China	CBm1327	42	116	Human	B.melitensis	2018
	China	CBm0843	42	116	Sheep	B.melitensis	2012
	Kazakhstan	2019Shevtsova#0003	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0008	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0047	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0105	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0218	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0446	42	116	Human	B.melitensis	2016
	<u>Kazakhstan</u>	2019Shevtsova#0577	42	116	Human	B.melitensis	2015
	<u>Kazakhstan</u>	2019Shevtsova#0771	42	116	Human	B.melitensis	2015
	<u>Kazakhstan</u>	2019Shevtsova#0998	42	116	Human	B.melitensis	2016
	<u>Kazakhstan</u>	2019Shevtsova#1094	42	116	Human	B.melitensis	2016
	<u>Kazakhstan</u>	2019Shevtsova#0199	42	116	Human	B.melitensis bv1	2015
	<u>Kazakhstan</u>	2019Shevtsova#0641	42	116	Human	B.melitensis bv1	2015
	<u>Kazakhstan</u>	2007AIDahouk#103	42	116	Human	B.melitensis bv3	1999
	<u>Kazakhstan</u>	2019Shevtsova#0788	42	116	Human	B.melitensis bv3	2016
	<u>Kazakhstan</u>	2019Shevtsova#1312	42	116	Human	B.melitensis bv3	2015
	<u>This study</u>	19017	42	116	Human	B.melitensis bv.3	2019
	<u>This study</u>	23198	42	116	Human	B.melitensis bv.3	2023
	Kazakhstan	2019Shevtsova#0830	42	342	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0836	42	342	Human	B.melitensis bv3	2016
	China	CBm0001	42	108	Human	B.melitensis	1955
	China	CBm0054	42	108	Human	B.melitensis	1965
	China	CBm0131	42	116	Blue sh.	B.melitensis	1980
	China	CBm0283	42	116	Human	B.melitensis	2005
	China	CBm0709	42	116	Human	B.melitensis	2011
	China	CBm0719	42	116	Human	B.melitensis	2011
	Kazakhstan	2019Shevtsova#0219	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0423	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0468	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1011	42	116	Human	B.melitensis	2016

	Kazakhstan	2019Shevtsova#1041	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1087	42	116	Human	B.melitensis	2016
	Kazakhstan	2015Shevtsov#145	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#252	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0687	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0707	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0001	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1012	42	116	Human	B.melitensis bv3	2016
	Turkey	2011Kilic#048	42	116	Human	B.melitensis bv3	2008
	<u>This study</u>	22208	42	116	Human	B.melitensis bv.3	2022
	<u>This study</u>	23260	42	116	Human	B.melitensis bv.3	2023
	Kazakhstan	2019Shevtsova#0494	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0505	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0543	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0560	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0574	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0576	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0740	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1092	42	116	Human	B.melitensis	2016
	Kuwait	SRR4436595	42	116	Human	B.melitensis	2017
	Kazakhstan	2019Shevtsova#0066	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0300	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0131	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0684	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0135	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0138	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0133	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0134	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0073	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0156	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0169	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0170	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1080	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1084	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0960	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1062	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0028	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0622	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0953	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0965	42	116	Human	B.melitensis bv3	2016
	China	CBm0542	42	116	Human	B.melitensis	2010
	China	CBm0543	42	116	Human	B.melitensis	2010
	China	CBm0780	42	116	Human	B.melitensis	2011
	China	CBm0786	42	116	Human	B.melitensis	2011
	China	CBm0791	42	116	Human	B.melitensis	2012
	Kazakhstan	2019Shevtsova#0024	42	116	Human	B.melitensis	2015
	Belgium	2017Hanot-Mambres#36	42	116	Human	B.melitensis bv1	2015
	China	CBm0541	42	116	Human	B.melitensis	2010
	China	CBm0783	42	116	Human	B.melitensis	2011
	China	CBm1331	42	116	Human	B.melitensis	2018
	China	CBm1337	42	116	Human	B.melitensis	2018
	China	CBm1042	42	116	Human	B.melitensis	2015
	China	CBm1325	42	116	Human	B.melitensis	2018
	China	CBm1341	42	116	Human	B.melitensis	2018
	Kazakhstan	2019Shevtsova#0652	42	116	Human	B.melitensis bv1	2015
	This study	20029	42	116	Human	B.melitensis bv.1	2020

This study	23072	42	116	Human	B.melitensis bv.3	2023
This study	23076	42	116	Human	B.melitensis bv.3	2023
China	CBm1039	42	116	Human	B.melitensis	2015
China	CBm1347	42	116	Human	B.melitensis	2018
Kazakhstan	2019Shevtsova#0360	42	116	Human	B.melitensis	2016
China	CBm0591	42	116	Human	B.melitensis	2010
China	CBm0594	42	116	Human	B.melitensis	2010
China	CBm0733	42	116	Human	B.melitensis	2011
China	CBm1301	42	116	Human	B.melitensis	2017
Kazakhstan	2019Shevtsova#0592	42	116	Human	B.melitensis	2015
China	CBm0539	42	116	Human	B.melitensis	2010
China	CBm0778	42	116	Human	B.melitensis	2011
China	CBm0785	42	116	Human	B.melitensis	2011
China	CBm0882	42	116	Human	B.melitensis	2013
China	CBm1102	42	116	Human	B.melitensis	2016
China	CBm1338	42	116	Human	B.melitensis	2018
China	CBm1348	42	116	Human	B.melitensis	2018
<u>Mongolia</u>	2018Vergnaud#0368	42	116	Human	B.melitensis Rough	2002
<u>This study</u>	22136	42	116	Human	B.melitensis bv.3	2022
<u>This study</u>	22139	42	116	Human	B.melitensis bv.3	2022
<u>This study</u>	23078	42	116	Human	B.melitensis bv.3	2023
<u>This study</u>	23088	42	116	Human	B.melitensis bv.3	2023
<u>This study</u>	23119	42	116	Human	B.melitensis bv.3	2023
<u>This study</u>	23179	42	116	Human	B.melitensis bv.3	2023
<u>This study</u>	23271	42	116	Human	B.melitensis bv.3	2023
China	CBm1336	42	116	Human	B.melitensis	2018
China	CBm0628	42	116	Human	B.melitensis	2010
China	CBm0659	42	116	Human	B.melitensis	2010
China	CBm0669	42	116	Human	B.melitensis	2010
China	CBm1481	42	116	Human	B.melitensis	2019
China	CBm0136	42	116	Sheep	B.melitensis	1980
Kazakhstan	2015Shevtsov#168	42	116	Ovine	B.melitensis bv1	2009
Kazakhstan	2019Shevtsova#0847	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1042	42	116	Human	B.melitensis	2016
China	CBm0007	42	116	Human	B.melitensis	1957
China	CBm0009	42	116	Human	B.melitensis	1957
China	CBm0120	42	116	Human	B.melitensis	1979
China	CBm0121	42	116	Human	B.melitensis	1979
China	CBm0122	42	116	Human	B.melitensis	1979
China	CBm0123	42	116	Human	B.melitensis	1979
China	CBm0156	42	116	Human	B.melitensis	1982
China	CBm0157	42	116	Human	B.melitensis	1982
China	CBm0355	42	116	Human	B.melitensis	2007
China	CBm0367	42	116	Human	B.melitensis	2007
China	CBm0368	42	116	Human	B.melitensis	2007
China	CBm0380	42	116	Human	B.melitensis	2007
China	CBm0384	42	116	Human	B.melitensis	2007
China	CBm0385	42	116	Human	B.melitensis	2007
China	CBm0404	42	116	Human	B.melitensis	2008
China	CBm0405	42	116	Human	B.melitensis	2008
China	CBm0423	42	116	Human	B.melitensis	2008
China	CBm0515	42	116	Human	B.melitensis	2009
China	CBm0519	42	116	Human	B.melitensis	2009
China	CBm0538	42	116	Human	B.melitensis	2010
China	CBm0649	42	116	Human	B.melitensis	2010
China	CBm1247	42	116	Human	B.melitensis	2016

China	CBm1389	42	116	Human	B.melitensis	1979
China	CBm1471	42	116	Human	B.melitensis	2019
China	CBm0014	42	116	Sheep	B.melitensis	1957
China	CBm0137	42	116	Sheep	B.melitensis	1980
China	CBm0159	42	116	Sheep	B.melitensis	1982
Kazakhstan	2019Shevtsova#0208	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0223	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0232	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1206	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0748	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#1228	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2015Shevtsov#163	42	116	Ovine	B.melitensis bv1	2009
Kazakhstan	2015Shevtsov#164	42	116	Ovine	B.melitensis bv1	2009
Kazakhstan	2019Shevtsova#0215	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0816	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0013	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0016	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0014	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0015	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1081	42	116	Human	B.melitensis bv3	2016
China	CBm0117	42	116	Human	B.melitensis	1979
China	CBm0552	42	116	Human	B.melitensis	2010
China	CBm0590	42	116	Human	B.melitensis	2010
China	CBm0795	42	116	Human	B.melitensis	2012
China	CBm1459	42	116	Human	B.melitensis	2019
Kazakhstan	2019Shevtsova#0514	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1198	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1315	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0612	42	116	Human	B.melitensis bv3	2015
Turkey	2011Kilic#143	42	116	Human	B.melitensis bv3	2004
This study	18009	42	116	Human	B.melitensis bv.3	2018
This study	22047	42	116	Human	B.melitensis bv.3	2022
Portugal	2012Ferreira#029	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#038	42	116	Unknown	B.melitensis bv3	2006
Portugal	2012Ferreira#039	42	116	Unknown	B.melitensis bv3	2006
Turkey	2007AIDahouk#030	42	116	Human	B.melitensis bv2	2002
Portugal	2012Ferreira#008	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#009	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#010	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#011	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#012	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#013	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#014	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#015	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#016	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#017	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#031	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#032	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#033	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#034	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#035	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#036	42	116	Unknown	B.melitensis bv3	2005
Kazakhstan	2019Shevtsova#0654	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0669	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0424	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0429	42	116	Human	B.melitensis	2016

	Kazakhstan	2019Shevtsova#0644	42	116	Human	B.melitensis bv1	2015
	China	CBm0997	42	116	Human	B.melitensis	2014
	China	CBm0926	42	116	Sheep	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0776	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0774	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0949	42	116	Human	B.melitensis bv3	2016
	This study	18014	42	116	Human	B.melitensis bv.3	2018
	Turkey	2011Kilic#074	42	116	Human	B.melitensis bv3	2002
	Turkey	2011Kilic#077	42	116	Human	B.melitensis bv3	2002
	Kazakhstan	2019Shevtsova#0599	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1170	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0515	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0958	42	116	Human	B.melitensis bv1	2016
	Spain	2018Vergnaud#1306	42	116	Ovine	B.melitensis bv3	1991
	Turkey	SRR4436633	42	116	Human	B.melitensis	2014
	France	2018Vergnaud#0117	42	116	Human	B.melitensis bv3	1983
	France	2018Vergnaud#1243	42	116	Human	B.melitensis bv3	1994
	France	2018Vergnaud#1323	42	116	Human	B.melitensis bv3	1992
	Spain	2018Vergnaud#0641	42	116	Human	B.melitensis bv3	1996
	Spain	2018Vergnaud#0052	42	116	Ovine	B.melitensis bv3	1992
	China	CBm0195	42	116	Cattle	B.melitensis	1992
	China	CBm0526	42	116	Human	B.melitensis	2009
	China	CBm0529	42	116	Human	B.melitensis	2009
	China	CBm0607	42	116	Human	B.melitensis	2010
	China	CBm0715	42	116	Human	B.melitensis	2011
	China	CBm0867	42	116	Human	B.melitensis	2013
	China	CBm0868	42	116	Human	B.melitensis	2013
	China	CBm1369	42	116	Human	B.melitensis	2018
	China	CBm1430	42	116	Human	B.melitensis	2013
	China	CBm1468	42	116	Human	B.melitensis	2019
	China	CBm1483	42	116	Human	B.melitensis	2019
	China	CBm0139	42	116	Sheep	B.melitensis	1980
	China	CBm1076	42	116	Sheep	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0050	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0064	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0203	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0262	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0272	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0288	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0320	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0394	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0410	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0419	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0475	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0492	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0500	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0778	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0977	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1220	42	116	Human	B.melitensis	2015
	Kazakhstan	2015Shevtsov#166	42	116	Ovine	B.melitensis	2007
	Kazakhstan	2019Shevtsova#0271	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0676	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0789	42	116	Human	B.melitensis bv1	2016
	Kazakhstan	2019Shevtsova#0705	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0708	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0790	42	116	Human	B.melitensis bv3	2016

Kazakhstan	2019Shevtsova#0832	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0839	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0864	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0872	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0886	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0893	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0910	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1068	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1128	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1179	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1309	42	116	Human	B.melitensis bv3	2015
This study	22018	42	116	Human	B.melitensis bv.3	2022
This study	23081	42	116	Human	B.melitensis bv.3	2023
This study	23237	42	116	Human	B.melitensis bv.3	2023
This study	23239	42	116	Human	B.melitensis bv.3	2023
This study	23243	42	116	Human	B.melitensis bv.3	2023
Kazakhstan	2019Shevtsova#0337	42	116	Human	B.melitensis	2015
This study	23040	42	116	Human	B.melitensis bv.3	2023
China	CBm0874	42	116	Human	B.melitensis	2013
Kazakhstan	2019Shevtsova#0079	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0651	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0772	42	116	Human	B.melitensis bv3	2015
This study	22015	42	116	Human	B.melitensis bv.3	2022
China	CBm0857	42	116	Human	B.melitensis	2013
Kazakhstan	2019Shevtsova#1044	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1043	42	116	Human	B.melitensis bv3	2016
This study	21059	42	116	Human	B.melitensis bv.3	2021
This study	22010	42	116	Human	B.melitensis bv.3	2022
This study	23026	42	116	Human	B.melitensis bv.3	2023
This study	23028	42	116	Human	B.melitensis bv.3	2023
China	CBm0278	42	116	Human	B.melitensis	2005
China	CBm0279	42	116	Human	B.melitensis	2005
China	CBm0297	42	116	Human	B.melitensis	2005
China	CBm0298	42	116	Human	B.melitensis	2005
China	CBm0299	42	116	Human	B.melitensis	2005
China	CBm0300	42	116	Human	B.melitensis	2005
China	CBm0301	42	116	Human	B.melitensis	2005
China	CBm0302	42	116	Human	B.melitensis	2005
China	CBm0304	42	116	Human	B.melitensis	2005
China	CBm0306	42	116	Human	B.melitensis	2005
China	CBm0328	42	116	Human	B.melitensis	2006
China	CBm0346	42	116	Human	B.melitensis	2007
China	CBm0347	42	116	Human	B.melitensis	2007
China	CBm0348	42	116	Human	B.melitensis	2007
China	CBm0366	42	116	Human	B.melitensis	2007
China	CBm0410	42	116	Human	B.melitensis	2008
China	CBm0638	42	116	Human	B.melitensis	2010
China	CBm0655	42	116	Human	B.melitensis	2010
China	CBm0756	42	116	Human	B.melitensis	2011
China	CBm1083	42	116	Human	B.melitensis	2016
China	CBm1100	42	116	Human	B.melitensis	2016
China	CBm1101	42	116	Human	B.melitensis	2016
China	CBm1103	42	116	Human	B.melitensis	2016
China	CBm0013	42	116	Sheep	B.melitensis	1957
China	CBm0023	42	116	Sheep	B.melitensis	1960
China	CBm0075	42	116	Sheep	B.melitensis	1973

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Kazakhstan	2015Shevtsov#237	42	116	Ovine	B.melitensis	2013
Kazakhstan	2019Shevtsova#0482	42	116	Human	B.melitensis bv1	2016
Kazakhstan	2015Shevtsov#165	42	116	Ovine	B.melitensis bv1	2009
Kazakhstan	2015Shevtsov#162	42	116	Dog	B.melitensis bv3	2009
Kazakhstan	2019Shevtsova#0061	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0092	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0191	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0226	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0628	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0715	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0825	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0862	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0913	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0917	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0976	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1185	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1186	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1246	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1285	42	116	Human	B.melitensis bv3	2015
Mongolia	2018Vergnaud#0278	42	116	Human	B.melitensis bv1	2002
Mongolia	2018Vergnaud#0429	42	116	Human	B.melitensis bv1	2002
This study	17005	42	116	Human	B.melitensis bv.3	2017
This study	21040	42	116	Human	B.melitensis bv.3	2021
This study	21044	42	116	Human	B.melitensis bv.3	2021
This study	22135	42	116	Human	B.melitensis bv.3	2022
This study	23147	42	116	Human	B.melitensis bv.3	2023
China	CBm1448	42	116	Human	B.melitensis	2019
China	CBm1472	42	116	Human	B.melitensis	2019
China	CBm0994	42	116	Human	B.melitensis	2014
China	CBm1321	42	116	Human	B.melitensis	2018
China	CBm1493	42	116	Human	B.melitensis	2018
Kazakhstan	2019Shevtsova#0181	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0184	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0192	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0686	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1151	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1165	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1200	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0187	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0683	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0815	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1063	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1177	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1322	42	116	Human	B.melitensis bv3	2015
This study	22014	42	116	Human	B.melitensis bv.3	2022
This study	22016	42	116	Human	B.melitensis bv.3	2022
This study	22017	42	116	Human	B.melitensis bv.3	2022
This study	22034	42	116	Human	B.melitensis bv.3	2022
This study	20039	42	116	Human	B.melitensis bv.3	2020
This study	23157	42	116	Human	B.melitensis bv.3	2023
Kazakhstan	2019Shevtsova#0396	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0981	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0885	42	116	Human	B.melitensis bv3	2016
This study	23232	42	116	Human	B.melitensis bv.3	2023
China	CBm0065	42	116	Camel	B.melitensis	1966
China	CBm0615	42	116	Goat	B.melitensis	2010

China	CBm1262	42	116	Human	B.melitensis	2017
China	CBm1441	42	116	Human	B.melitensis	2019
China	CBm1489	42	116	Human	B.melitensis	2017
China	CBm0203	42	116	Sheep	B.melitensis	1993
China	CBm0764	42	116	Sheep	B.melitensis	2011
India	SRR4436599	42	116	Human	B.melitensis	2017
Kazakhstan	2019Shevtsova#0068	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0085	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0094	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0164	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0210	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0266	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0299	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0348	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0361	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0376	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0392	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0447	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0473	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0481	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0657	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0712	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0804	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0805	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0810	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0999	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1049	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1064	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1096	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1097	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1098	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1099	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1100	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1116	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0111	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#1291	42	116	Human	B.melitensis bv2	2015
Kazakhstan	2019Shevtsova#0355	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0445	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0478	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0619	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0780	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0817	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0866	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0918	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1023	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1114	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1183	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1293	42	116	Human	B.melitensis bv3	2015
This study	23064	42	116	Human	B.melitensis bv.3	2023
This study	23104	42	116	Human	B.melitensis bv.3	2023
This study	23176	42	116	Human	B.melitensis bv.3	2023
Kazakhstan	2015Shevtsov#174	42	116	Ovine	B.melitensis bv1	2011
Kazakhstan	2019Shevtsova#0440	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0696	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0692	42	116	Human	B.melitensis bv3	2015
China	CBm1506	42	116	Human	B.melitensis	2018

	Kazakhstan	2019Shevtsova#0766	42	116	Human	B.melitensis	2015
	This study	22186	42	116	Human	B.melitensis bv.3	2022
	This study	23230	42	116	Human	B.melitensis bv.3	2023
	This study	23244	42	116	Human	B.melitensis bv.3	2023
	This study	23264	42	116	Human	B.melitensis bv.3	2023
	China	CBm1334	42	116	Human	B.melitensis	2018
	Kazakhstan	2019Shevtsova#0831	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1056	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1057	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1059	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1174	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1075	42	116	Human	B.melitensis bv1	2016
	Kazakhstan	2019Shevtsova#0528	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0544	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0554	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0563	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0569	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0572	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0531	42	116	Human	B.melitensis bv3	2015
	China	CBm1258	42	116	Human	B.melitensis	2017
	China	CBm1259	42	116	Human	B.melitensis	2017
		Kazakhstan	2019Shevtsova#0183	42	116	Human	B.melitensis
Kazakhstan		2019Shevtsova#0263	42	116	Human	B.melitensis	2015
China		CBm1109	42	116	Human	B.melitensis	2016
China		CBm1110	42	116	Human	B.melitensis	2016
China		CBm1335	42	116	Human	B.melitensis	2018
China		CBm1364	42	116	Human	B.melitensis	2018
China		CBm1398	42	116	Human	B.melitensis	2009
China		CBm1401	42	116	Human	B.melitensis	2009
China		CBm1413	42	116	Human	B.melitensis	2012
China		CBm1420	42	116	Human	B.melitensis	2013
China		CBm1464	42	116	Human	B.melitensis	2019
Kazakhstan		2019Shevtsova#1045	42	116	Human	B.melitensis	2016
Kazakhstan		2015Shevtsov#169	42	116	Ovine	B.melitensis	2010
Kazakhstan		2015Shevtsov#219	42	116	Ovine	B.melitensis	2013
Kazakhstan		2015Shevtsov#222	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0877	42	116	Human	B.melitensis bv3	2016
	This study	21053	42	116	Human	B.melitensis bv.3	2021
	This study	23059	42	116	Human	B.melitensis bv.3	2023
	This study	23061	42	116	Human	B.melitensis bv.3	2023
	Kazakhstan	2019Shevtsova#0580	42	116	Human	B.melitensis	2015
	China	CBm1427	42	116	Human	B.melitensis	2013
	China	CBm1429	42	116	Human	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0356	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0359	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0405	42	116	Human	B.melitensis	2016
	China	CBm1482	42	116	Human	B.melitensis	2019
	China	CBm0176	42	116	Blue sh.	B.melitensis	1988
	China	CBm0059	42	116	Human	B.melitensis	1965
	China	CBm0110	42	116	Human	B.melitensis	1979
	China	CBm0111	42	116	Human	B.melitensis	1979
	China	CBm0282	42	116	Human	B.melitensis	2005
	China	CBm0285	42	116	Human	B.melitensis	2005
	China	CBm0349	42	116	Human	B.melitensis	2007
	China	CBm0358	42	116	Human	B.melitensis	2007
	China	CBm0360	42	116	Human	B.melitensis	2007

China	CBm0363	42	116	Human	B.melitensis	2007
China	CBm0369	42	116	Human	B.melitensis	2007
China	CBm0370	42	116	Human	B.melitensis	2007
China	CBm0371	42	116	Human	B.melitensis	2007
China	CBm0378	42	116	Human	B.melitensis	2007
China	CBm0379	42	116	Human	B.melitensis	2007
China	CBm0388	42	116	Human	B.melitensis	2007
China	CBm0390	42	116	Human	B.melitensis	2007
China	CBm0393	42	116	Human	B.melitensis	2007
China	CBm0437	42	116	Human	B.melitensis	2008
China	CBm0446	42	116	Human	B.melitensis	2008
China	CBm0449	42	116	Human	B.melitensis	2008
China	CBm0507	42	116	Human	B.melitensis	2009
China	CBm0510	42	116	Human	B.melitensis	2009
China	CBm0512	42	116	Human	B.melitensis	2009
China	CBm0513	42	116	Human	B.melitensis	2009
China	CBm0517	42	116	Human	B.melitensis	2009
China	CBm0521	42	116	Human	B.melitensis	2009
China	CBm0524	42	116	Human	B.melitensis	2009
China	CBm0658	42	116	Human	B.melitensis	2010
China	CBm0995	42	116	Human	B.melitensis	2014
China	CBm1485	42	116	Human	B.melitensis	2019
China	CBm0011	42	116	Sheep	B.melitensis	1957
China	CBm1072	42	116	Sheep	B.melitensis	2015
China	CBm0149	42	116	Yak	B.melitensis	1980
Kazakhstan	2019Shevtsova#0029	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0080	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0245	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0427	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0986	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1119	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0030	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#1321	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0609	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0961	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1277	42	116	Human	B.melitensis bv3	2015
This study	19004	42	116	Human	B.melitensis bv.3	2019
This study	21020	42	116	Human	B.melitensis bv.3	2021
This study	20004	42	116	Human	B.melitensis bv.1	2020
China	CBm1181	42	116	Sheep	B.melitensis	2016
China	CBm1190	42	116	Sheep	B.melitensis	2016
China	CBm0212	42	116	Human	B.melitensis	1994
China	CBm0250	42	116	Human	B.melitensis	1996
China	CBm0251	42	116	Human	B.melitensis	1996
China	CBm0491	42	116	Human	B.melitensis	2009
China	CBm0544	42	116	Human	B.melitensis	2010
China	CBm0654	42	116	Human	B.melitensis	2010
China	CBm0881	42	116	Human	B.melitensis	2013
China	CBm1260	42	116	Human	B.melitensis	2017
China	CBm1405	42	116	Human	B.melitensis	2010
China	CBm1406	42	116	Human	B.melitensis	2011
China	CBm1409	42	116	Human	B.melitensis	2012
China	CBm1411	42	116	Human	B.melitensis	2012
China	CBm1414	42	116	Human	B.melitensis	2012
China	CBm1424	42	116	Human	B.melitensis	2013
China	CBm1431	42	116	Human	B.melitensis	2013

China	CBm1447	42	116	Human	B.melitensis	2019
China	CBm1470	42	116	Human	B.melitensis	2019
China	CBm1476	42	116	Human	B.melitensis	2019
China	CBm1516	42	116	Human	B.melitensis	2019
China	CBm0020	42	116	Sheep	B.melitensis	1958
China	CBm0138	42	116	Sheep	B.melitensis	1980
China	CBm0618	42	116	Sheep	B.melitensis	2010
China	CBm1065	42	116	Sheep	B.melitensis	2015
China	CBm1066	42	116	Sheep	B.melitensis	2015
China	CBm1068	42	116	Sheep	B.melitensis	2015
China	CBm1069	42	116	Sheep	B.melitensis	2015
China	CBm1077	42	116	Sheep	B.melitensis	2015
China	CBm1204	42	116	Sheep	B.melitensis	2016
China	CBm1205	42	116	Sheep	B.melitensis	2016
China	CBm1206	42	116	Sheep	B.melitensis	2016
China	CBm1207	42	116	Sheep	B.melitensis	2016
China	CBm0150	42	116	Yak	B.melitensis	1980
Kazakhstan	2019Shevtsova#0278	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0334	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0464	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1191	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1301	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0822	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1223	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1230	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1238	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1270	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1275	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#1276	42	116	Human	B.melitensis bv3	2015
This study	18003	42	116	Human	B.melitensis bv.3	2018
This study	19021	42	116	Human	B.melitensis bv.1	2019
This study	21009	42	116	Human	B.melitensis bv.3	2021
This study	20003	42	116	Human	B.melitensis bv.1	2020
This study	20010	42	116	Human	B.melitensis bv.1	2020
This study	20036	42	116	Human	B.melitensis bv.3	2020
This study	23126	42	116	Human	B.melitensis bv.3	2023
This study	23146	42	116	Human	B.melitensis bv.3	2023
This study	23174	42	116	Human	B.melitensis bv.3	2023
This study	23178	42	116	Human	B.melitensis bv.3	2023
This study	23193	42	116	Human	B.melitensis bv.3	2023
This study	23219	42	116	Human	B.melitensis bv.3	2023
This study	23223	42	116	Human	B.melitensis bv.3	2023
This study	23227	42	116	Human	B.melitensis bv.3	2023
China	CBm0616	42	116	Sheep	B.melitensis	2010
China	CBm0617	42	116	Sheep	B.melitensis	2010
China	CBm0992	42	116	Human	B.melitensis	2014
China	CBm1098	42	116	Human	B.melitensis	2016
China	CBm1384	42	116	Human	B.melitensis	1979
China	CBm1390	42	116	Human	B.melitensis	1979
China	CBm1400	42	116	Human	B.melitensis	2009
China	CBm1402	42	116	Human	B.melitensis	2010
Kazakhstan	2019Shevtsova#0252	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0501	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0522	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0523	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1109	42	116	Human	B.melitensis	2016

	Kazakhstan	2015Shevtsov#248	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#250	42	116	Ovine	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0741	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2015Shevtsov#199	42	116	Ovine	B.melitensis bv1	2008
	Kazakhstan	2019Shevtsova#0955	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1048	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1060	42	116	Human	B.melitensis bv3	2016
	China	CBm1520	42	116	Human	B.melitensis	2019
	Kazakhstan	2019Shevtsova#0460	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0709	42	116	Human	B.melitensis bv2	2011
	China	CBm1435	42	116	Human	B.melitensis	2013
	China	CBm1436	42	116	Human	B.melitensis	2013
	China	CBm1412	42	116	Human	B.melitensis	2012
	China	CBm1421	42	116	Human	B.melitensis	2013
	China	CBm1423	42	116	Human	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0062	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0231	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1054	42	116	Human	B.melitensis	2016
	China	CBm1498	42	116	Human	B.melitensis	2019
	China	CBm0482	42	108	Human	B.melitensis	2009
	China	CBm0483	42	108	Human	B.melitensis	2009
	China	CBm0204	42	108	Sheep	B.melitensis	1993
	China	CBm0417	42	108	Human	B.melitensis	2008
	China	CBm0215	42	108	Human	B.melitensis	1995
	Kazakhstan	2019Shevtsova#0624	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0608	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1181	42	116	Human	B.melitensis bv3	2015
	This study	23231	42	116	Human	B.melitensis bv.3	2023
	Kazakhstan	2019Shevtsova#0333	42	116	Human	B.melitensis	2015
	This study	23158	42	116	Human	B.melitensis bv.3	2023
	China	CBm1453	42	116	Human	B.melitensis	2019
	Kazakhstan	2019Shevtsova#0518	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0914	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0950	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0952	42	116	Human	B.melitensis bv3	2016
	China	CBm0383	42	116	Human	B.melitensis	2007
	China	CBm0238	42	116	Sheep	B.melitensis	1996
	China	CBm0337	42	116	Sheep	B.melitensis	2007
	India	2018Vergnaud#0316	42	116	Ovine	B.melitensis atypical	2002
	India	2018Vergnaud#0728	42	116	Ovine	B.melitensis bv1	2000
	Kazakhstan	2019Shevtsova#1108	42	116	Human	B.melitensis	2016
	Kazakhstan	2015Shevtsov#159	42	116	Dog	B.melitensis bv3	2009
	Kazakhstan	2019Shevtsova#0966	42	116	Human	B.melitensis bv3	2016
	This study	23129	42	116	Human	B.melitensis bv.3	2023
	Kazakhstan	2019Shevtsova#0792	42	297	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0859	42	297	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0890	42	297	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0923	42	297	Human	B.melitensis bv3	2016
	China	CBm1469	42	116	Human	B.melitensis	2019
	Kazakhstan	2019Shevtsova#0188	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1164	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0312	42	297	Human	B.melitensis	2015
	China	CBm1263	42	116	Human	B.melitensis	2017
	China	CBm0004	42	116	Human	B.melitensis	1955
	China	CBm0126	42	116	Human	B.melitensis	1979
	China	CBm0127	42	116	Human	B.melitensis	1979

	China	CBm0497	42	116	Human	B.melitensis	2009
	China	CBm0593	42	116	Human	B.melitensis	2010
	China	CBm0660	42	116	Human	B.melitensis	2010
	China	CBm0746	42	116	Human	B.melitensis	2011
	China	CBm1108	42	116	Human	B.melitensis	2016
	China	CBm1454	42	116	Human	B.melitensis	2019
	China	CBm0180	42	116	Sheep	B.melitensis	1989
	Kazakhstan	2019Shevtsova#0012	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0493	42	116	Human	B.melitensis	2015
	Kazakhstan	2015Shevtsov#172	42	116	Ovine	B.melitensis bv1	2011
	This study	22193	42	116	Human	B.melitensis bv.3	2022
	This study	22198	42	116	Human	B.melitensis bv.3	2022
	This study	20015	42	116	Human	B.melitensis bv.3	2020
	This study	23075	42	116	Human	B.melitensis bv.3	2023
	This study	23039	42	116	Human	B.melitensis bv.3	2023
	China	CBm0178	42	116	Blue sh.	B.melitensis	1988
	China	CBm0124	42	116	Human	B.melitensis	1979
	China	CBm0125	42	116	Human	B.melitensis	1979
	China	CBm0545	42	116	Human	B.melitensis	2010
	China	CBm0621	42	116	Human	B.melitensis	2010
	China	CBm0622	42	116	Human	B.melitensis	2010
	China	CBm0623	42	116	Human	B.melitensis	2010
	China	CBm0624	42	116	Human	B.melitensis	2010
	China	CBm0645	42	116	Human	B.melitensis	2010
	China	CBm0650	42	116	Human	B.melitensis	2010
	China	CBm0651	42	116	Human	B.melitensis	2010
	China	CBm0652	42	116	Human	B.melitensis	2010
	China	CBm0657	42	116	Human	B.melitensis	2010
	China	CBm0662	42	116	Human	B.melitensis	2010
	China	CBm0663	42	116	Human	B.melitensis	2010
	China	CBm0664	42	116	Human	B.melitensis	2010
	China	CBm0665	42	116	Human	B.melitensis	2010
	China	CBm0052	42	116	Sheep	B.melitensis	1964
	Kazakhstan	2019Shevtsova#0463	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0639	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0837	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1233	42	116	Human	B.melitensis bv3	2015
	This study	23063	42	116	Human	B.melitensis bv.3	2023
	This study	23082	42	116	Human	B.melitensis bv.3	2023
	China	CBm0128	42	116	Human	B.melitensis	1979
	China	CBm0434	42	116	Human	B.melitensis	2008
	China	CBm0553	42	116	Human	B.melitensis	2010
	China	CBm0636	42	116	Human	B.melitensis	2010
	China	CBm0732	42	116	Human	B.melitensis	2011
	China	CBm0253	42	116	Sheep	B.melitensis	1997
	Kazakhstan	2019Shevtsova#0420	42	116	Human	B.melitensis	2016
	This study	18010	42	116	Human	B.melitensis bv.3	2018
	This study	23234	42	116	Human	B.melitensis bv.3	2023
	China	CBm0927	42	116	Sheep	B.melitensis	2013
	China	CBm1111	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0691	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0813	42	116	Human	B.melitensis bv3	2016
	This study	21026	42	116	Human	B.melitensis bv.3	2021
	This study	22106	42	116	Human	B.melitensis bv.3	2022
	This study	22184	42	116	Human	B.melitensis bv.3	2022
	This study	23122	42	116	Human	B.melitensis bv.3	2023

1	This study	23236	42	116	Human	B.melitensis bv.3	2023
	Kazakhstan	2019Shevtsova#1020	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0760	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0884	42	116	Human	B.melitensis bv3	2016
	This study	22027	42	116	Human	B.melitensis bv.3	2022
	This study	23092	42	116	Human	B.melitensis bv.3	2023
	This study	23098	42	116	Human	B.melitensis bv.3	2023
	China	CBm1419	42	116	Human	B.melitensis	2013
	China	CBm1428	42	116	Human	B.melitensis	2013
	China	CBm1465	42	116	Human	B.melitensis	2019
2	Kazakhstan	2019Shevtsova#0023	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0025	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0470	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0497	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1145	42	116	Human	B.melitensis bv3	2016
	This study	21028	42	116	Human	B.melitensis bv.3	2021
	This study	23033	42	116	Human	B.melitensis bv.3	2023
	This study	23225	42	116	Human	B.melitensis bv.3	2023
	China	CBm0869	42	116	Human	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0797	42	116	Human	B.melitensis bv3	2016
3	China	CBm1093	42	116	Human	B.melitensis	2016
	China	CBm1491	42	116	Human	B.melitensis	2017
	China	CBm1494	42	116	Human	B.melitensis	2018
	Kazakhstan	2019Shevtsova#0734	42	116	Human	B.melitensis bv1	2015
	This study	22032	42	116	Human	B.melitensis bv.3	2022
	This study	22039	42	116	Human	B.melitensis bv.3	2022
	This study	22155	42	116	Human	B.melitensis bv.3	2022
	This study	23068	42	116	Human	B.melitensis bv.3	2023
	This study	23094	42	116	Human	B.melitensis bv.3	2023
	This study	23105	42	116	Human	B.melitensis bv.3	2023
4	This study	23111	42	116	Human	B.melitensis bv.3	2023
	This study	23145	42	116	Human	B.melitensis bv.3	2023
	This study	23192	42	116	Human	B.melitensis bv.3	2023
	China	CBm0877	42	116	Human	B.melitensis	2013
	China	CBm1000	42	116	Human	B.melitensis	2014
	Kazakhstan	2019Shevtsova#0109	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0250	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0351	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0406	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0434	42	116	Human	B.melitensis	2016
5	Kazakhstan	2019Shevtsova#0230	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0801	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0948	42	116	Human	B.melitensis bv3	2016
	This study	21022	42	116	Human	B.melitensis bv.3	2021
	This study	22109	42	116	Human	B.melitensis bv.3	2022
	This study	23052	42	116	Human	B.melitensis bv.3	2023
	This study	23127	42	116	Human	B.melitensis bv.3	2023
	Kazakhstan	2019Shevtsova#0662	42	180	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0671	42	180	Human	B.melitensis	2015
	China	CBm0599	42	116	Human	B.melitensis	2010
6	China	CBm0600	42	116	Human	B.melitensis	2010
	China	CBm0796	42	116	Human	B.melitensis	2012
	China	CBm0797	42	116	Human	B.melitensis	2012
	China	CBm0798	42	116	Human	B.melitensis	2012
	China	CBm0805	42	116	Human	B.melitensis	2012
	China	CBm0854	42	116	Human	B.melitensis	2013

China	CBm0860	42	116	Human	B.melitensis	2013
China	CBm0893	42	116	Human	B.melitensis	2013
China	CBm1045	42	116	Human	B.melitensis	2015
China	CBm1089	42	116	Human	B.melitensis	2016
China	CBm1094	42	116	Human	B.melitensis	2016
China	CBm1342	42	116	Human	B.melitensis	2018
China	CBm1349	42	116	Human	B.melitensis	2018
China	CBm1355	42	116	Human	B.melitensis	2018
China	CBm1503	42	116	Human	B.melitensis	2019
China	CBm1504	42	116	Human	B.melitensis	2019
China	CBm1505	42	116	Human	B.melitensis	2019
Kazakhstan	2019Shevtsova#0037	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0179	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0739	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#1323	42	116	Human	B.melitensis bv3	2015
This study	21055	42	116	Human	B.melitensis bv.3	2021
This study	21057	42	116	Human	B.melitensis bv.3	2021
This study	21065	42	116	Human	B.melitensis bv.3	2021
This study	22002	42	116	Human	B.melitensis bv.3	2022
This study	22008	42	116	Human	B.melitensis bv.3	2022
This study	22033	42	116	Human	B.melitensis bv.3	2022
This study	22181	42	116	Human	B.melitensis bv.3	2022
This study	23027	42	116	Human	B.melitensis bv.3	2023
This study	23089	42	116	Human	B.melitensis bv.3	2023
This study	23102	42	116	Human	B.melitensis bv.3	2023
This study	23103	42	116	Human	B.melitensis bv.3	2023
This study	23155	42	116	Human	B.melitensis bv.3	2023
This study	23184	42	116	Human	B.melitensis bv.3	2023
This study	23216	42	116	Human	B.melitensis bv.3	2023
France	2018Vergnaud#0960	42	116	Human	B.melitensis bv3	2002
Spain	2018Vergnaud#0589	42	116	Ovine	B.melitensis bv3	1990
Spain	2018Vergnaud#0816	42	116	Human	B.melitensis bv3	1975
Spain	2018Vergnaud#0925	42	116	Human	B.melitensis bv3	1975
Spain	2018Vergnaud#1260	42	116	Human	B.melitensis bv3	1975
China	CBm1392	42	116	Abortus	B.melitensis	1979
China	CBm0068	42	116	Human	B.melitensis	1971
China	CBm0118	42	116	Human	B.melitensis	1979
China	CBm0119	42	116	Human	B.melitensis	1979
China	CBm0427	42	116	Human	B.melitensis	2008
China	CBm0431	42	116	Human	B.melitensis	2008
China	CBm0441	42	116	Human	B.melitensis	2008
China	CBm0453	42	116	Human	B.melitensis	2008
China	CBm0457	42	116	Human	B.melitensis	2008
China	CBm1107	42	116	Human	B.melitensis	2016
China	CBm1245	42	116	Human	B.melitensis	2016
China	CBm1246	42	116	Human	B.melitensis	2016
China	CBm1323	42	116	Human	B.melitensis	2018
China	CBm1356	42	116	Human	B.melitensis	2018
China	CBm1371	42	116	Human	B.melitensis	2018
Kazakhstan	2019Shevtsova#0031	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0077	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0089	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0303	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0400	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0461	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0479	42	116	Human	B.melitensis	2016

Kazakhstan	2019Shevtsova#0521	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0632	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0982	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1102	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1105	42	116	Human	B.melitensis	2016
Kazakhstan	2015Shevtsov#193	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#197	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#201	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#206	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#211	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#214	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#223	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#225	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#228	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#229	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#230	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#231	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#233	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#234	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#238	42	116	Ovine	B.melitensis	2013
Kazakhstan	2015Shevtsov#253	42	116	Ovine	B.melitensis	2013
Kazakhstan	2019Shevtsova#0716	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2015Shevtsov#161	42	116	Dog	B.melitensis bv3	2009
Kazakhstan	2019Shevtsova#0845	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0967	42	116	Human	B.melitensis bv3	2016
Portugal	2012Ferreira#127	42	116	Unknown	B.melitensis bv3	2011
This study	21042	42	116	Human	B.melitensis bv.3	2021
France	2007AIDahouk#014	42	116	Human	B.melitensis bv3	1996
France	2018Vergnaud#1241	42	116	Human	B.melitensis bv3	1994
France	2018Vergnaud#1277	42	116	Human	B.melitensis bv3	1993
Portugal	2018Vergnaud#0636	42	116	Human	B.melitensis bv3	1996
Portugal	2018Vergnaud#0637	42	116	Human	B.melitensis bv3	1996
Portugal	2012Ferreira#112	42	116	Unknown	B.melitensis bv3	2005
Portugal	2012Ferreira#126	42	116	Unknown	B.melitensis bv3	2011
Portugal	2012Ferreira#128	42	116	Unknown	B.melitensis bv3	2011
Portugal	2012Ferreira#129	42	116	Unknown	B.melitensis bv3	2011
Portugal	2012Ferreira#130	42	116	Unknown	B.melitensis bv3	2011
Portugal	2012Ferreira#132	42	116	Unknown	B.melitensis bv3	2011
Spain	2018Vergnaud#0905	42	116	Cattle	B.melitensis bv3	1987
Spain	2018Vergnaud#0670	42	116	Human	B.melitensis bv3	1998
Spain	2018Vergnaud#0819	42	116	Human	B.melitensis bv3	1975
Spain	2018Vergnaud#0848	42	116	Human	B.melitensis bv3	1996
Spain	2018Vergnaud#0982	42	116	Human	B.melitensis bv3	1997
Spain	2018Vergnaud#0983	42	116	Human	B.melitensis bv3	1997
Spain	2018Vergnaud#1119	42	116	Human	B.melitensis bv3	1975
Spain	2018Vergnaud#1298	42	116	Human	B.melitensis bv3	1975
France	2018Vergnaud#0059	42	116	Human	B.melitensis bv2	1974
Spain	2018Vergnaud#0540	42	116	Human	B.melitensis bv3	1983
Spain	2018Vergnaud#1262	42	116	Human	B.melitensis bv3	1983
China	CBm0597	42	116	Human	B.melitensis	2010
China	CBm0606	42	116	Human	B.melitensis	2010
China	CBm0685	42	116	Human	B.melitensis	2011
China	CBm0693	42	116	Human	B.melitensis	2011
China	CBm0792	42	116	Human	B.melitensis	2012
China	CBm0876	42	116	Human	B.melitensis	2013
China	CBm1091	42	116	Human	B.melitensis	2016

China	CBm1092	42	116	Human	B.melitensis	2016
China	CBm1339	42	116	Human	B.melitensis	2018
China	CBm1507	42	116	Human	B.melitensis	2018
China	CBm1067	42	116	Sheep	B.melitensis	2015
China	CBm1203	42	116	Sheep	B.melitensis	2016
Kazakhstan	2019Shevtsova#0069	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0221	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0241	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0311	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0462	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0466	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0634	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0635	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0636	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0673	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0675	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0849	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0927	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0928	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0929	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#1221	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#1302	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0642	42	116	Human	B.melitensis bv1	2015
Kazakhstan	2019Shevtsova#0840	42	116	Human	B.melitensis bv1	2016
Kazakhstan	2019Shevtsova#0874	42	116	Human	B.melitensis bv1	2016
Kazakhstan	2019Shevtsova#0674	42	116	Human	B.melitensis bv2	2015
Kazakhstan	2019Shevtsova#0637	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0638	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0682	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0694	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0751	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0818	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0865	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0868	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0869	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0883	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0898	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0900	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#0926	42	116	Human	B.melitensis bv3	2016
Kazakhstan	2019Shevtsova#1280	42	116	Human	B.melitensis bv3	2015
This study	22004	42	116	Human	B.melitensis bv.3	2022
This study	22005	42	116	Human	B.melitensis bv.3	2022
This study	22043	42	116	Human	B.melitensis bv.3	2022
This study	22126	42	116	Human	B.melitensis bv.3	2022
This study	23050	42	116	Human	B.melitensis bv.3	2023
This study	23056	42	116	Human	B.melitensis bv.3	2023
This study	23079	42	116	Human	B.melitensis bv.3	2023
This study	23120	42	116	Human	B.melitensis bv.3	2023
This study	23123	42	116	Human	B.melitensis bv.3	2023
This study	23136	42	116	Human	B.melitensis bv.3	2023
This study	23171	42	116	Human	B.melitensis bv.3	2023
Portugal	2012Ferreira#028	42	116	Unknown	B.melitensis bv3	2003
Portugal	2012Ferreira#066	42	116	Unknown	B.melitensis bv3	2007
Portugal	2012Ferreira#072	42	116	Unknown	B.melitensis bv3	2001
Portugal	2012Ferreira#082	42	116	Unknown	B.melitensis bv3	2003
Spain	2018Vergnaud#1267	42	116	Ovine	B.melitensis bv3	1989

France	2018Vergnaud#0382	42	116	Human	B.melitensis bv3	1982
France	2018Vergnaud#0596	42	116	Human	B.melitensis bv3	1985
France	2018Vergnaud#0668	42	116	Human	B.melitensis bv3	1998
France	2018Vergnaud#0671	42	116	Human	B.melitensis bv3	1998
France	2018Vergnaud#0855	42	116	Human	B.melitensis bv3	1997
France	2018Vergnaud#0962	42	116	Human	B.melitensis bv3	2002
France	2018Vergnaud#1091	42	116	Human	B.melitensis bv3	1997
Portugal	2018Vergnaud#0393	42	116	Human	B.melitensis bv3	1985
Portugal	2018Vergnaud#0413	42	116	Human	B.melitensis bv3	1994
Portugal	2012Ferreira#005	42	116	Unknown	B.melitensis bv3	2009
Portugal	2012Ferreira#062	42	116	Unknown	B.melitensis bv3	2003
Portugal	2012Ferreira#069	42	116	Unknown	B.melitensis bv3	2007
Portugal	2012Ferreira#074	42	116	Unknown	B.melitensis bv3	2003
Portugal	2012Ferreira#093	42	116	Unknown	B.melitensis bv3	2003
Spain	2018Vergnaud#0738	42	116	Cattle	B.melitensis bv3	1987
Spain	2018Vergnaud#0845	42	116	Cattle	B.melitensis bv3	1992
Spain	2018Vergnaud#0906	42	116	Cattle	B.melitensis bv3	1987
Spain	2018Vergnaud#1154	42	116	Cattle	B.melitensis bv3	1987
Spain	2018Vergnaud#1155	42	116	Cattle	B.melitensis bv3	1987
Spain	2018Vergnaud#1192	42	116	Cattle	B.melitensis bv3	1987
Spain	2018Vergnaud#1193	42	116	Cattle	B.melitensis bv3	1987
Spain	2018Vergnaud#1383	42	116	Cattle	B.melitensis bv3	1987
Spain	2018Vergnaud#0896	42	116	Human	B.melitensis bv3	1979
Spain	2018Vergnaud#0923	42	116	Human	B.melitensis bv3	1975
Spain	2018Vergnaud#1041	42	116	Human	B.melitensis bv3	1980
Spain	2018Vergnaud#1042	42	116	Human	B.melitensis bv3	1982
Spain	2018Vergnaud#1114	42	116	Human	B.melitensis bv3	1975
Spain	2018Vergnaud#1127	42	116	Human	B.melitensis bv3	1975
Spain	2018Vergnaud#1188	42	116	Human	B.melitensis bv3	1975
Spain	2018Vergnaud#1197	42	116	Human	B.melitensis bv3	1975
Spain	2018Vergnaud#0602	42	116	Ovine	B.melitensis bv3	1991
Spain	2018Vergnaud#0903	42	116	Ovine	B.melitensis bv3	1986
Spain	2018Vergnaud#0904	42	116	Ovine	B.melitensis bv3	1986
Spain	2018Vergnaud#1008	42	116	Ovine	B.melitensis bv3	1992
Spain	2018Vergnaud#1045	42	116	Ovine	B.melitensis bv3	1986
Spain	2018Vergnaud#1173	42	116	Ovine	B.melitensis bv3	1991
Spain	2018Vergnaud#1194	42	116	Ovine	B.melitensis bv3	1989
Spain	2018Vergnaud#1205	42	116	Ovine	B.melitensis bv3	1991
Spain	2018Vergnaud#0352	42	116	Human	B.melitensis Rough	1982
This study	22192	42	116	Human	B.melitensis bv.3	2022
This study	20001	42	116	Human	B.melitensis bv.3	2020
This study	23273	42	116	Human	B.melitensis bv.3	2023
This study	22030	42	116	Human	B.melitensis bv.3	2022
This study	23121	42	116	Human	B.melitensis bv.3	2023
This study	23238	42	116	Human	B.melitensis bv.3	2023
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This study	23270	42	116	Human	B.melitensis bv.3	2023
This study	23279	42	116	Human	B.melitensis bv.3	2023
China	CBm0554	42	116	Human	B.melitensis	2010
China	CBm0779	42	116	Human	B.melitensis	2011
China	CBm0875	42	116	Human	B.melitensis	2013
China	CBm0884	42	116	Human	B.melitensis	2013
China	CBm0885	42	116	Human	B.melitensis	2013
China	CBm1244	42	116	Human	B.melitensis	2016
Kazakhstan	2019Shevtsova#0083	42	116	Human	B.melitensis	2015
Kazakhstan	2019Shevtsova#0159	42	116	Human	B.melitensis	2015

	Kazakhstan	2019Shevtsova#0168	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0306	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0317	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0318	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0341	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0379	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0443	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0510	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1018	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1019	42	116	Human	B.melitensis	2016
	Kazakhstan	2015Shevtsov#181	42	116	Ovine	B.melitensis	2012
	Kazakhstan	2019Shevtsova#1256	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0276	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0277	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0672	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0964	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1250	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1251	42	116	Human	B.melitensis bv3	2015
	This study	23150	42	116	Human	B.melitensis bv.3	2023
	This study	23169	42	116	Human	B.melitensis bv.3	2023
	China	CBm0466	42	116	Human	B.melitensis	2009
	China	CBm0478	42	116	Human	B.melitensis	2009
	This study	23254	42	116	Human	B.melitensis bv.3	2023
	China	CBm1422	42	116	Human	B.melitensis	2013
	This study	21025	42	116	Human	B.melitensis bv.3	2021
	This study	23118	42	116	Human	B.melitensis bv.3	2023
	China	CBm1310	42	116	Human	B.melitensis	2017
	Kazakhstan	2019Shevtsova#0502	62	114	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0626	62	114	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0113	62	114	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0118	62	114	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0120	62	114	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0123	62	114	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0124	62	114	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0130	62	114	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0324	62	114	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0126	62	114	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0128	62	114	Human	B.melitensis bv3	2015
	China	CBm1178	42	116	Sheep	B.melitensis	2016
	China	CBm1187	42	116	Sheep	B.melitensis	2016
	Belgium	2017Hanot-Mambres#13	42	116	Human	B.melitensis bv3	2004
	Kazakhstan	2019Shevtsova#1224	42	116	Human	B.melitensis bv3	2015
	Portugal	2012Ferreira#100	42	116	Unknown	B.melitensis bv3	2006
	Portugal	2012Ferreira#101	42	116	Unknown	B.melitensis bv3	2006
	Portugal	2012Ferreira#110	42	116	Unknown	B.melitensis bv3	2004
	Spain	2018Vergnaud#1129	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1189	42	116	Human	B.melitensis bv3	1975
	Belgium	2017Hanot-Mambres#03	42	116	Human	B.melitensis bv3	1997
	France	2007AIDahouk#020	42	116	Human	B.melitensis bv3	2003
	Portugal	2012Ferreira#020	42	116	Unknown	B.melitensis bv3	2002
	Portugal	2012Ferreira#023	42	116	Unknown	B.melitensis bv3	2002
	Spain	2018Vergnaud#0116	42	116	Human	B.melitensis bv3	1983
	Spain	2018Vergnaud#1186	42	116	Human	B.melitensis bv3	1975
	France	2018Vergnaud#0740	42	116	Human	B.melitensis bv3	1988
	Portugal	2012Ferreira#057	42	116	Unknown	B.melitensis bv3	2006
	Spain	2007AIDahouk#012	42	116	Human	B.melitensis bv3	1983

	Spain	2018Vergnaud#0122	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#0526	42	116	Human	B.melitensis bv3	2000
	Spain	2018Vergnaud#0666	42	116	Human	B.melitensis bv3	1998
	Spain	2018Vergnaud#0695	42	116	Human	B.melitensis bv3	1999
	Spain	2018Vergnaud#0892	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#0924	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#0941	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1120	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1122	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1125	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1191	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1301	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1379	42	116	Human	B.melitensis bv3	1980
	Turkey	2011Kilic#014	42	116	Human	B.melitensis bv3	2007
	Lebanon	2008Kattar#007	42	116	Human	B.melitensis	
	Kazakhstan	2019Shevtsova#0989	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0991	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1013	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1169	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0992	42	116	Human	B.melitensis bv3	2016
	France	2018Vergnaud#1392	42	116	Human	B.melitensis bv3	1991
	Portugal	2012Ferreira#075	42	116	Unknown	B.melitensis bv3	2003
	Spain	2018Vergnaud#1190	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1206	42	116	Ovine	B.melitensis bv3	1991
	France	2018Vergnaud#0737	42	116	Human	B.melitensis bv3	1987
	France	2018Vergnaud#1018	42	116	Human	B.melitensis bv3	1998
	Portugal	2018Vergnaud#0468	42	116	Human	B.melitensis bv3	1994
	Portugal	2012Ferreira#007	42	116	Unknown	B.melitensis bv3	2003
	Portugal	2012Ferreira#027	42	116	Unknown	B.melitensis bv3	2003
	Portugal	2012Ferreira#086	42	116	Unknown	B.melitensis bv3	2004
	Portugal	2012Ferreira#095	42	116	Unknown	B.melitensis bv3	2004
	Portugal	2012Ferreira#097	42	116	Unknown	B.melitensis bv3	2005
	Spain	2018Vergnaud#0897	42	116	Human	B.melitensis bv3	1979
	Spain	2018Vergnaud#0922	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1027	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1093	42	116	Human	B.melitensis bv3	1997
	Spain	2018Vergnaud#1272	42	116	Human	B.melitensis bv3	1990
	Spain	2018Vergnaud#1296	42	116	Human	B.melitensis bv3	1975
	Portugal	2012Ferreira#103	42	116	Unknown	B.melitensis bv3	2003
	Spain	2018Vergnaud#1117	42	116	Human	B.melitensis bv3	1975
	China	CBm1041	42	116	Human	B.melitensis	2015
	Spain	2007AIDahouk#099	42	108	Human	B.melitensis bv3	1998
	Portugal	2018Vergnaud#0374	42	116	Human	B.melitensis bv3	2003
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	Spain	2018Vergnaud#0814	42	116	Human	B.melitensis bv3	1975
	France	2018Vergnaud#0859	42	116	Human	B.melitensis bv3	1999
	France	2018Vergnaud#1102	42	116	Human	B.melitensis bv3	1999
	Portugal	2012Ferreira#077	42	116	Unknown	B.melitensis bv3	2004
	Turkey	2011Kilic#061	42	116	Human	B.melitensis bv3	2002
	Turkey	2011Kilic#076	42	116	Human	B.melitensis bv3	2002
	France	2018Vergnaud#0066	42	116	Human	B.melitensis bv3	1994
	Kazakhstan	2019Shevtsova#0513	42	116	Human	B.melitensis	2015
	Spain	2018Vergnaud#1187	42	116	Human	B.melitensis bv3	1975
	Portugal	2012Ferreira#092	42	116	Unknown	B.melitensis bv3	2002
	Spain	2018Vergnaud#1094	42	180	Human	B.melitensis bv3	1997
	Spain	2018Vergnaud#1095	42	180	Human	B.melitensis bv3	1997

		France	2018Vergnaud#0665	42	116	Human	B.melitensis bv3	1998
		France	2018Vergnaud#0961	42	116	Human	B.melitensis bv3	2002
		France	2018Vergnaud#1003	42	116	Human	B.melitensis bv3	1991
		France	2018Vergnaud#1103	42	116	Human	B.melitensis bv3	1999
		France	2018Vergnaud#1183	42	116	Human	B.melitensis bv3	1993
		Portugal	2012Ferreira#022	42	116	Unknown	B.melitensis	2002
		Portugal	2012Ferreira#025	42	116	Unknown	B.melitensis bv3	2003
		Portugal	2012Ferreira#047	42	116	Unknown	B.melitensis bv3	2005
		Portugal	2012Ferreira#070	42	116	Unknown	B.melitensis bv3	2007
		Portugal	2012Ferreira#073	42	116	Unknown	B.melitensis bv3	2002
		Portugal	2012Ferreira#080	42	116	Unknown	B.melitensis bv3	2006
		Spain	2018Vergnaud#0131	42	116	Cattle	B.melitensis bv3	1977
		Portugal	2012Ferreira#061	42	116	Unknown	B.melitensis bv3	2001
		Portugal	2012Ferreira#076	42	116	Unknown	B.melitensis bv3	2004
		Portugal	2012Ferreira#083	42	116	Unknown	B.melitensis bv3	2003
		Portugal	2012Ferreira#060	42	116	Unknown	B.melitensis bv3	2006
		Spain	2018Vergnaud#0979	42	116	Ovine	B.melitensis bv3	1991
		Spain	2018Vergnaud#0980	42	116	Ovine	B.melitensis bv3	1991
		Spain	2018Vergnaud#1142	42	116	Ovine	B.melitensis bv3	1991
		France	2018Vergnaud#0490	42	116	Human	B.melitensis bv3	2000
		Germany	2007AIDahouk#109	42	116	Human	B.melitensis bv3	1998
		Spain	2018Vergnaud#1126	42	116	Human	B.melitensis bv3	1975
		France	2018Vergnaud#0369	42	116	Human	B.melitensis Rough	2002
		Spain	2018Vergnaud#1121	42	116	Human	B.melitensis bv3	1975
		Spain	2018Vergnaud#1150	42	116	Human	B.melitensis bv3	1975
		Turkey	2007AIDahouk#032	42	116	Human	B.melitensis bv2	2002
		Turkey	2011Kilic#157	42	116	Human	B.melitensis bv3	2005
		Turkey	2011Kilic#158	42	116	Human	B.melitensis bv3	2005
		Turkey	2011Kilic#159	42	116	Human	B.melitensis bv3	2005
		Portugal	2012Ferreira#018	42	116	Unknown	B.melitensis bv3	2006
		Spain	2018Vergnaud#0995	42	116	Human	B.melitensis bv3	1975
		Turkey	2011Kilic#102	42	116	Human	B.melitensis bv3	2008
		France	2018Vergnaud#0946	42	116	Human	B.melitensis bv3	1988
		Kazakhstan	2019Shevtsova#0127	42	116	Human	B.melitensis	2015
		Kazakhstan	2019Shevtsova#0129	42	116	Human	B.melitensis	2015
		Spain	2018Vergnaud#0817	42	116	Human	B.melitensis bv3	1975
		Spain	2018Vergnaud#1258	42	116	Human	B.melitensis bv3	1975
		France	2018Vergnaud#0497	42	116	Human	B.melitensis bv3	2001
		France	2018Vergnaud#1087	42	116	Human	B.melitensis bv3	1996
		Portugal	2012Ferreira#004	42	116	Unknown	B.melitensis bv3	2010
	Portugal	2012Ferreira#104	42	116	Unknown	B.melitensis bv3	2003	
	Kazakhstan	2019Shevtsova#1202	42	116	Human	B.melitensis	2015	
	Spain	2018Vergnaud#0694	42	116	Human	B.melitensis bv3	1999	
	France	2018Vergnaud#0672	42	116	Human	B.melitensis bv3	1999	
	Spain	2018Vergnaud#1265	42	294	Ovine	B.melitensis bv3	1989	
	Spain	2018Vergnaud#1266	42	294	Ovine	B.melitensis bv3	1989	
	Portugal	2012Ferreira#115	42	116	Unknown	B.melitensis bv3	2004	
	Portugal	2012Ferreira#123	42	116	Unknown	B.melitensis bv3	2007	
	China	CBm1002	42	116	Human	B.melitensis	2014	
	Portugal	2012Ferreira#121	42	116	Unknown	B.melitensis bv3	2007	
	Spain	2018Vergnaud#0421	42	116	Human	B.melitensis bv3	1997	
	Spain	2018Vergnaud#0895	63	111	Human	B.melitensis bv3	1975	
	Kazakhstan	2019Shevtsova#0019	42	116	Human	B.melitensis	2015	
	Kazakhstan	2019Shevtsova#0021	42	116	Human	B.melitensis	2015	
	Kazakhstan	2019Shevtsova#0511	42	116	Human	B.melitensis	2015	
	Kazakhstan	2019Shevtsova#1005	42	116	Human	B.melitensis	2016	

	Kazakhstan	2019Shevtsova#1009	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1082	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#1089	42	116	Human	B.melitensis	2016
	Spain	2018Vergnaud#1259	42	116	Human	B.melitensis bv3	1975
	Kazakhstan	2019Shevtsova#0454	42	116	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#0504	42	116	Human	B.melitensis	2015
	Spain	2018Vergnaud#1116	42	116	Human	B.melitensis bv3	1975
	<u>This study</u>	22025	42	116	Human	B.melitensis bv.1	2022
	Spain	2018Vergnaud#0926	42	116	Human	B.melitensis bv3	1975
	Turkey	2011Kilic#066	42	116	Human	B.melitensis bv3	2003
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	Spain	2018Vergnaud#1199	42	116	Cattle	B.melitensis bv3	1990
	Spain	2018Vergnaud#1270	42	116	Cattle	B.melitensis bv3	1990
	Spain	2018Vergnaud#1271	42	116	Cattle	B.melitensis bv3	1990
	Portugal	2012Ferreira#067	42	116	Unknown	B.melitensis bv3	2007
	Portugal	2012Ferreira#120	42	116	Unknown	B.melitensis bv3	2007
	Spain	2018Vergnaud#0818	42	116	Human	B.melitensis bv3	1975
	Kazakhstan	2019Shevtsova#1058	42	116	Human	B.melitensis bv3	2016
	Turkey	2011Kilic#073	42	116	Human	B.melitensis bv3	2002
	Kazakhstan	2019Shevtsova#0153	42	116	Human	B.melitensis	2015
	Spain	2018Vergnaud#1158	42	116	Cattle	B.melitensis bv3	1990
	Turkey	2007Aldahouk#027	42	116	Human	B.melitensis bv2	2002
	Turkey	2011Kilic#064	42	116	Human	B.melitensis bv3	2004
	Turkey	2018Vergnaud#0392	42	116	Human	B.melitensis bv3	1983
	Kazakhstan	2019Shevtsova#0519	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1006	42	116	Human	B.melitensis	2016
	Turkey	2011Kilic#067	42	116	Human	B.melitensis bv3	2002
	France	2018Vergnaud#0615	42	116	Human	B.melitensis bv3	1993
	France	2018Vergnaud#1039	42	116	Human	B.melitensis bv3	2000
	Portugal	2012Ferreira#006	42	116	Unknown	B.melitensis bv3	2001
	Portugal	2012Ferreira#021	42	116	Unknown	B.melitensis bv3	2002
	Portugal	2012Ferreira#099	42	116	Unknown	B.melitensis bv3	2006
	Spain	2018Vergnaud#0119	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#0815	42	116	Human	B.melitensis bv3	1975
	Spain	2018Vergnaud#1399	83	298	Human	B.melitensis bv3	1997
	Kazakhstan	2019Shevtsova#0115	115	387	Human	B.melitensis	2015
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	Kazakhstan	2019Shevtsova#0149	115	387	Human	B.melitensis	2015
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	Portugal	2012Ferreira#049	42	116	Unknown	B.melitensis bv3	2005
	Portugal	2012Ferreira#050	42	116	Unknown	B.melitensis bv3	2005
	Portugal	2012Ferreira#051	42	116	Unknown	B.melitensis bv3	2005
	Portugal	2012Ferreira#052	42	116	Unknown	B.melitensis bv3	2006
	Kazakhstan	2019Shevtsova#0517	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0556	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0561	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0564	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0758	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0761	42	116	Human	B.melitensis bv3	2015
Kazakhstan	2019Shevtsova#0763	42	116	Human	B.melitensis bv3	2015	
Kazakhstan	2019Shevtsova#0835	42	116	Human	B.melitensis bv3	2016	
Kazakhstan	2019Shevtsova#0942	42	116	Human	B.melitensis bv3	2016	
Kazakhstan	2019Shevtsova#0508	42	116	Human	B.melitensis	2015	
Portugal	2012Ferreira#096	42	116	Unknown	B.melitensis bv3	2004	
Portugal	2012Ferreira#106	42	116	Unknown	B.melitensis bv3	2003	

	Portugal	2012Ferreira#107	42	116	Unknown	B.melitensis bv3	2004
	Kazakhstan	2019Shevtsova#0154	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1077	42	116	Human	B.melitensis bv3	2016
	Spain	2018Vergnaud#0840	42	116	Caprine	B.melitensis bv3	1991
	Spain	2018Vergnaud#0841	42	116	Caprine	B.melitensis bv3	1991
	Spain	2018Vergnaud#1174	42	116	Ovine	B.melitensis bv3	1991
	Spain	2018Vergnaud#1274	42	116	Ovine	B.melitensis bv3	1991
	Kazakhstan	2019Shevtsova#0117	42	116	Human	B.melitensis	2015
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	Kazakhstan	2019Shevtsova#0158	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0160	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0162	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0163	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0165	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0167	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0498	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0983	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0114	42	116	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0125	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0161	42	116	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#0963	42	116	Human	B.melitensis bv3	2016
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	Kazakhstan	2019Shevtsova#1292	42	116	Human	B.melitensis bv3	2015
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	Turkey	2011Kilic#063	42	116	Human	B.melitensis bv3	2004
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	China	CBm0044	42	116	Human	B.melitensis	1963
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	China	CBm0072	42	116	Sheep	B.melitensis	1972
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	Portugal	2018Vergnaud#0492	42	116	Human	B.melitensis bv3	2001
	Kazakhstan	2019Shevtsova#0527	42	116	Human	B.melitensis	2015
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	Kazakhstan	2019Shevtsova#0571	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#1172	42	116	Human	B.melitensis bv3	2015
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	China	CBm1418	42	116	Human	B.melitensis	2012
	This study	23159	42	116	Human	B.melitensis bv.3	2023
	This study	23182	42	116	Human	B.melitensis bv.3	2023
	Belgium	2017Hanot-Mambres#24	42	116	Human	B.melitensis bv3	2011
	China	CBm0353	42	116	Sheep	B.melitensis	2007

	Kazakhstan	2019Shevtsova#0307	42	116	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0315	42	116	Human	B.melitensis bv3	2015
	Saudi Arabia	2016Gyuranecz#001	42	116	Camel	B.melitensis	2006
	Saudi Arabia	2016Gyuranecz#002	42	116	Camel	B.melitensis	2006
	Saudi Arabia	2016Gyuranecz#004	42	116	Camel	B.melitensis	2006
	Turkey	2011Aftab#004	42	116	Human	B.melitensis	
	China	CBm1479	42	116	Human	B.melitensis	2019
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	Kazakhstan	2019Shevtsova#0344	42	393	Human	B.melitensis	2016
	China	CBm0991	42	116	Human	B.melitensis	2014
	China	CBm0842	42	116	Sheep	B.melitensis	2012
	Kazakhstan	2019Shevtsova#1248	42	116	Human	B.melitensis bv3	2015
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	India	SRR011160	45	115	Caprine	B.melitensis bv2	1963
	Turkey	2018Vergnaud#0002	45	115	Caprine	B.melitensis bv2	
	Turkey	2019Ledwaba#020	45	115	Caprine	B.melitensis bv2	
	China	CBm1104	42	116	Human	B.melitensis	2016
	China	CBm1515	42	116	Human	B.melitensis	2016
	India	GCA_000022625	45	115	Caprine	B.melitensis bv2	1963
	Kazakhstan	2019Shevtsova#1154	42	297	Human	B.melitensis	2016
	This study	22060	42	297	Human	B.melitensis bv.3	2022
	This study	23240	42	116	Human	B.melitensis bv.3	2023
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	China	CBm0627	42	116	Human	B.melitensis	2010
	China	CBm0643	42	116	Human	B.melitensis	2010
	China	CBm0668	42	116	Human	B.melitensis	2010
	China	CBm0782	42	116	Human	B.melitensis	2011
	China	CBm0240	42	116	Sheep	B.melitensis	1996
	China	CBm0703	42	116	Goat	B.melitensis	2011
	China	CBm0704	42	116	Goat	B.melitensis	2011
	China	CBm0705	42	116	Goat	B.melitensis	2011
	China	CBm0706	42	116	Goat	B.melitensis	2011
	China	CBm0707	42	116	Goat	B.melitensis	2011
	China	CBm0708	42	116	Goat	B.melitensis	2011
	China	CBm0474	42	116	Human	B.melitensis	2009
	China	CBm0475	42	116	Human	B.melitensis	2009
	China	CBm0525	42	116	Human	B.melitensis	2009
	China	CBm0528	42	116	Human	B.melitensis	2009
	China	CBm0710	42	116	Human	B.melitensis	2011
	China	CBm0711	42	116	Human	B.melitensis	2011
	China	CBm0712	42	116	Human	B.melitensis	2011
	China	CBm0713	42	116	Human	B.melitensis	2011
	China	CBm0714	42	116	Human	B.melitensis	2011
	China	CBm0720	42	116	Human	B.melitensis	2011
	China	CBm0879	42	116	Human	B.melitensis	2013
	China	CBm0880	42	116	Human	B.melitensis	2013
	China	CBm0950	42	116	Human	B.melitensis	2013
	China	CBm1112	42	116	Human	B.melitensis	2016
	China	CBm1248	42	116	Human	B.melitensis	2016
	China	CBm1249	42	116	Human	B.melitensis	2016
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	Kazakhstan	2019Shevtsova#0349	42	116	Human	B.melitensis	2016

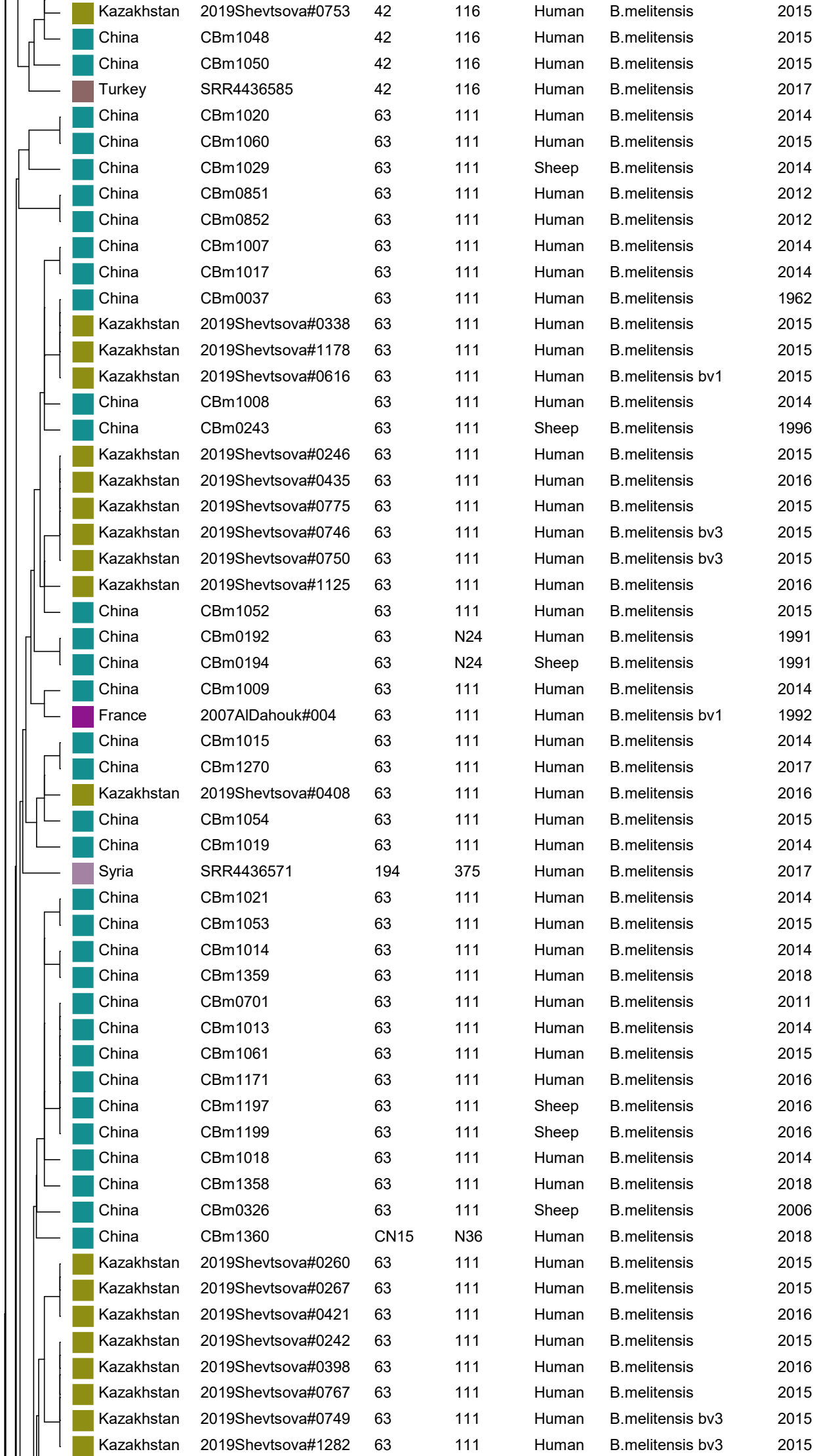
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2	Kazakhstan	2019Shevtsova#1296	42	116	Human	B.melitensis bv3	2015
	Saudi Arabia	2016Gyuranecz#003	42	116	Camel	B.melitensis	2006
3	Saudi Arabia	2016Gyuranecz#005	42	116	Camel	B.melitensis	2006
	This study	22191	42	116	Human	B.melitensis bv.3	2022
4	China	CBm0604	42	116	Human	B.melitensis	2010
	China	CBm0789	42	116	Human	B.melitensis	2012
5	China	CBm1080	42	116	Human	B.melitensis	2016
	China	CBm1086	42	116	Human	B.melitensis	2016
6	Kazakhstan	2019Shevtsova#0336	42	116	Human	B.melitensis	2015
	China	CBm0953	42	116	Human	B.melitensis	2013
7	China	CBm0957	42	116	Human	B.melitensis	2013
	This study	19009	42	116	Human	B.melitensis bv.3	2019
8	This study	21048	42	116	Human	B.melitensis bv.3	2021
	This study	22044	42	116	Human	B.melitensis bv.3	2022
9	This study	22159	42	116	Human	B.melitensis bv.3	2022
	This study	22189	42	116	Human	B.melitensis bv.3	2022
10	This study	20011	42	116	Human	B.melitensis bv.3	2020
	This study	23247	42	116	Human	B.melitensis bv.3	2023
11	This study	23253	42	116	Human	B.melitensis bv.3	2023
	This study	20014	42	116	Human	B.melitensis bv.3	2020
12	This study	23117	42	116	Human	B.melitensis bv.3	2023
	This study	22098	42	116	Human	B.melitensis bv.3	2022
13	This study	22102	42	116	Human	B.melitensis bv.3	2022
	This study	23017	42	116	Human	B.melitensis bv.3	2023
14	This study	23210	42	116	Human	B.melitensis bv.3	2023
	This study	23160	42	116	Human	B.melitensis bv.3	2023
15	This study	23242	42	116	Human	B.melitensis bv.3	2023
	This study	23258	42	116	Human	B.melitensis bv.3	2023
16	China	CBm1121	42	116	Sheep	B.melitensis	2016
	China	CBm1158	42	116	Sheep	B.melitensis	2016
17	China	CBm0067	42	116	Human	B.melitensis	1971
	China	CBm0343	42	116	Human	B.melitensis	2007
18	China	CBm0350	42	116	Human	B.melitensis	2007
	China	CBm0411	42	116	Human	B.melitensis	2008
19	China	CBm0412	42	116	Human	B.melitensis	2008
	China	CBm0438	42	116	Human	B.melitensis	2008
20	China	CBm0448	42	116	Human	B.melitensis	2008
	China	CBm0489	42	116	Human	B.melitensis	2009
21	China	CBm0596	42	116	Human	B.melitensis	2010
	China	CBm0601	42	116	Human	B.melitensis	2010
22	China	CBm0603	42	116	Human	B.melitensis	2010
	China	CBm0686	42	116	Human	B.melitensis	2011
23	China	CBm0694	42	116	Human	B.melitensis	2011
	China	CBm1032	42	116	Human	B.melitensis	2014
24	China	CBm1087	42	116	Human	B.melitensis	2016
	China	CBm1114	42	116	Human	B.melitensis	2016
25	China	CBm1501	42	116	Human	B.melitensis	2019
	China	CBm0143	42	116	Sheep	B.melitensis	1980
26	Kazakhstan	2019Shevtsova#1283	42	116	Human	B.melitensis bv3	2015
	This study	21034	42	116	Human	B.melitensis bv.1	2021
27	This study	22042	42	116	Human	B.melitensis bv.1	2022
	This study	23116	42	116	Human	B.melitensis bv.3	2023
28	This study	23128	42	116	Human	B.melitensis bv.3	2023
	This study	23054	42	116	Human	B.melitensis bv.3	2023

	This study	23135	42	116	Human	B.melitensis bv.3	2023
	China	CBm1512	42	116	Human	B.melitensis	2015
	This study	22051	42	116	Human	B.melitensis bv.3	2022
	This study	18005	42	116	Human	B.melitensis bv.3	2018
	This study	21018	42	116	Human	B.melitensis bv.3	2021
	This study	21058	42	116	Human	B.melitensis bv.3	2021
	This study	22056	42	116	Human	B.melitensis bv.3	2022
	This study	22163	42	116	Human	B.melitensis bv.3	2022
	This study	20021	42	116	Human	B.melitensis bv.3	2020
	This study	20023	42	116	Human	B.melitensis bv.3	2020
	This study	20031	42	116	Human	B.melitensis bv.3	2020
	This study	23274	42	116	Human	B.melitensis bv.3	2023
	China	CBm1502	42	116	Human	B.melitensis	2019
	This study	21037	42	116	Human	B.melitensis bv.3	2021
	This study	21045	42	116	Human	B.melitensis bv.3	2021
	This study	22187	42	116	Human	B.melitensis bv.3	2022
	This study	20016	42	116	Human	B.melitensis bv.3	2020
	This study	20040	42	116	Human	B.melitensis bv.3	2020
	This study	23106	42	116	Human	B.melitensis bv.3	2023
	This study	23268	42	116	Human	B.melitensis bv.3	2023
	China	CBm1449	42	116	Human	B.melitensis	2019
	China	CBm1518	42	116	Human	B.melitensis	2015
	This study	18013	42	116	Human	B.melitensis bv.3	2018
	This study	20037	42	116	Human	B.melitensis bv.3	2020
	This study	23212	42	116	Human	B.melitensis bv.3	2023
	China	CBm1426	42	116	Human	B.melitensis	2013
	This study	17002	42	116	Human	B.melitensis bv.3	2017
	This study	19026	42	116	Human	B.melitensis bv.3	2019
	This study	21056	42	116	Human	B.melitensis bv.3	2021
	This study	22105	42	116	Human	B.melitensis bv.3	2022
	This study	20030	42	116	Human	B.melitensis bv.3	2020
	This study	23035	42	116	Human	B.melitensis bv.3	2023
	This study	23070	42	116	Human	B.melitensis bv.3	2023
	This study	23148	42	116	Human	B.melitensis bv.3	2023
	This study	23235	42	116	Human	B.melitensis bv.3	2023
	This study	23241	42	116	Human	B.melitensis bv.3	2023
	This study	23249	42	116	Human	B.melitensis bv.3	2023
	This study	23267	42	116	Human	B.melitensis bv.3	2023
	China	CBm1408	42	116	Human	B.melitensis	2011
	China	CBm1446	42	116	Human	B.melitensis	2019
	This study	19031	42	116	Human	B.melitensis bv.3	2019
	China	CBm1399	42	116	Human	B.melitensis	2009
	This study	21036	42	116	Human	B.melitensis bv.3	2021
	This study	21051	42	116	Human	B.melitensis bv.3	2021
	This study	22115	42	116	Human	B.melitensis bv.3	2022
	This study	22116	42	116	Human	B.melitensis bv.3	2022
	This study	20007	42	116	Human	B.melitensis bv.3	2020
	This study	20013	42	116	Human	B.melitensis bv.3	2020
	China	CBm1370	42	116	Human	B.melitensis	2018
	China	CBm1511	42	116	Human	B.melitensis	2015
	China	CBm0464	42	116	Human	B.melitensis	2009
	China	CBm0468	42	116	Human	B.melitensis	2009
	China	CBm1396	42	116	Human	B.melitensis	2009
	China	CBm1404	42	116	Human	B.melitensis	2010
	China	CBm1417	42	116	Human	B.melitensis	2012
	China	CBm0318	42	116	Sheep	B.melitensis	2006

Accession	Strain	Year	Host	Species	Year
21032	This study	2017	Human	B.melitensis	2017
21039	This study	2013	Human	B.melitensis	2013
21063	This study	2021	Human	B.melitensis	2021
23213	This study	2023	Human	B.melitensis	2023
CBm1261	China	2017	Human	B.melitensis	2017
CBm1425	China	2013	Human	B.melitensis	2013
22099	This study	2022	Human	B.melitensis	2022
23255	This study	2023	Human	B.melitensis	2023
19005	This study	2019	Human	B.melitensis	2019
CBm1365	China	2018	Human	B.melitensis	2018
CBm1082	China	2016	Human	B.melitensis	2016
CBm0788	China	2011	Human	B.melitensis	2011
CBm0981	China	2014	Human	B.melitensis	2014
CBm1492	China	2017	Human	B.melitensis	2017
CBm0087	China	1978	Sheep	B.melitensis	1978
SRR4436602	Turkey	2017	Human	B.melitensis	2017
2017Hanot-Mambres#32	Belgium	2015	Human	B.melitensis	2015
2018Vergnaud#0573	Spain	1987	Ovine	B.melitensis	1987
2018Vergnaud#0546	Spain	2000	Cattle	B.melitensis	2000
2019Shevtsova#0441	Kazakhstan	2016	Human	B.melitensis	2016
2012Ferreira#124	Portugal	2001	Unknown	B.melitensis	2001
2018Vergnaud#0986	Spain	1999	Human	B.melitensis	1999
2018Vergnaud#1013	France	1995	Human	B.melitensis	1995
2018Vergnaud#1014	France	1995	Human	B.melitensis	1995
2018Vergnaud#1015	France	1995	Human	B.melitensis	1995
2012Ferreira#019	Portugal	2006	Unknown	B.melitensis	2006
2012Ferreira#085	Portugal	2003	Unknown	B.melitensis	2003
2012Ferreira#087	Portugal	2005	Unknown	B.melitensis	2005
2018Vergnaud#0626	Spain	1993	Cattle	B.melitensis	1993
2018Vergnaud#0858	Spain	1999	Human	B.melitensis	1999
2018Vergnaud#1172	Spain	1991	Ovine	B.melitensis	1991
2006LeFleche#095	Spain	1992	Ovine	B.melitensis	1992
2018Vergnaud#0994	Spain	1975	Human	B.melitensis	1975
2007AIDahouk#051	Switzerland	2000	Human	B.melitensis	2000
2018Vergnaud#1081	Spain	1993	Cattle	B.melitensis	1993
2018Vergnaud#1082	Spain	1993	Cattle	B.melitensis	1993
2018Vergnaud#1083	Spain	1993	Cattle	B.melitensis	1993
2018Vergnaud#1084	Spain	1993	Cattle	B.melitensis	1993
2019Shevtsova#1086	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#1201	Kazakhstan	2015	Human	B.melitensis	2015
2019Shevtsova#1003	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#1129	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#1130	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#1131	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#1143	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#0326	Kazakhstan	2015	Human	B.melitensis	2015
2019Shevtsova#0385	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#0388	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#0390	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#0485	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#0488	Kazakhstan	2016	Human	B.melitensis	2016
2019Shevtsova#0659	Kazakhstan	2015	Human	B.melitensis	2015
2019Shevtsova#0661	Kazakhstan	2015	Human	B.melitensis	2015
2019Shevtsova#0663	Kazakhstan	2015	Human	B.melitensis	2015
2019Shevtsova#0664	Kazakhstan	2015	Human	B.melitensis	2015
2019Shevtsova#0665	Kazakhstan	2015	Human	B.melitensis	2015

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Accession	Strain	Year	Host	Species	Year
23012	This study	2012	Human	B.melitensis bv.3	2023
CBm1354	China	42	Human	B.melitensis	2018
18006	This study	42	Human	B.melitensis bv.3	2018
18007	This study	42	Human	B.melitensis bv.3	2018
18008	This study	42	Human	B.melitensis bv.3	2018
22213	This study	42	Human	B.melitensis bv.3	2022
23034	This study	42	Human	B.melitensis bv.3	2023
CBm1324	China	42	Human	B.melitensis	2018
CBm1353	China	42	Human	B.melitensis	2018
CBm1519	China	42	Human	B.melitensis	2019
CBm1333	China	42	Human	B.melitensis	2018
2019Shevtsova#0496	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0509	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0588	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0465	Kazakhstan	42	Human	B.melitensis	2016
2019Shevtsova#0629	Kazakhstan	42	Human	B.melitensis bv3	2015
CBm1047	China	42	Human	B.melitensis	2015
2007AIDahouk#029	Turkey	42	Human	B.melitensis bv2	2002
CBm0017	China	42	Human	B.melitensis	1958
CBm0019	China	42	Human	B.melitensis	1958
CBm0365	China	42	Human	B.melitensis	2007
CBm0400	China	42	Human	B.melitensis	2008
CBm0418	China	42	Human	B.melitensis	2008
CBm0511	China	42	Human	B.melitensis	2009
2019Shevtsova#1168	Kazakhstan	42	Human	B.melitensis bv3	2015
2019Shevtsova#0534	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0557	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0558	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0581	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0582	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0627	Kazakhstan	42	Human	B.melitensis bv1	2015
2019Shevtsova#1244	Kazakhstan	42	Human	B.melitensis bv3	2015
22183	This study	42	Human	B.melitensis bv.3	2022
2018Vergnaud#1299	Spain	42	Human	B.melitensis bv3	1975
2012Ferreira#098	Portugal	42	Unknown	B.melitensis bv3	2005
2018Vergnaud#0359	Spain	42	Ovine	B.melitensis Rough	1992
2019Shevtsova#0525	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0542	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0292	Kazakhstan	42	Human	B.melitensis	2015
CBm0357	China	42	Human	B.melitensis	2007
CBm0364	China	42	Human	B.melitensis	2007
CBm0376	China	42	Human	B.melitensis	2007
CBm0387	China	42	Human	B.melitensis	2007
2019Shevtsova#0529	Kazakhstan	42	Human	B.melitensis	2015
2019Shevtsova#0536	Kazakhstan	42	Human	B.melitensis	2015
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2019Shevtsova#0566	Kazakhstan	42	Human	B.melitensis	2015
CBm0082	China	42	Human	B.melitensis	1974
CBm0535	China	42	Human	B.melitensis	2010
CBm1452	China	42	Human	B.melitensis	2019
20018	This study	42	Human	B.melitensis bv.3	2020
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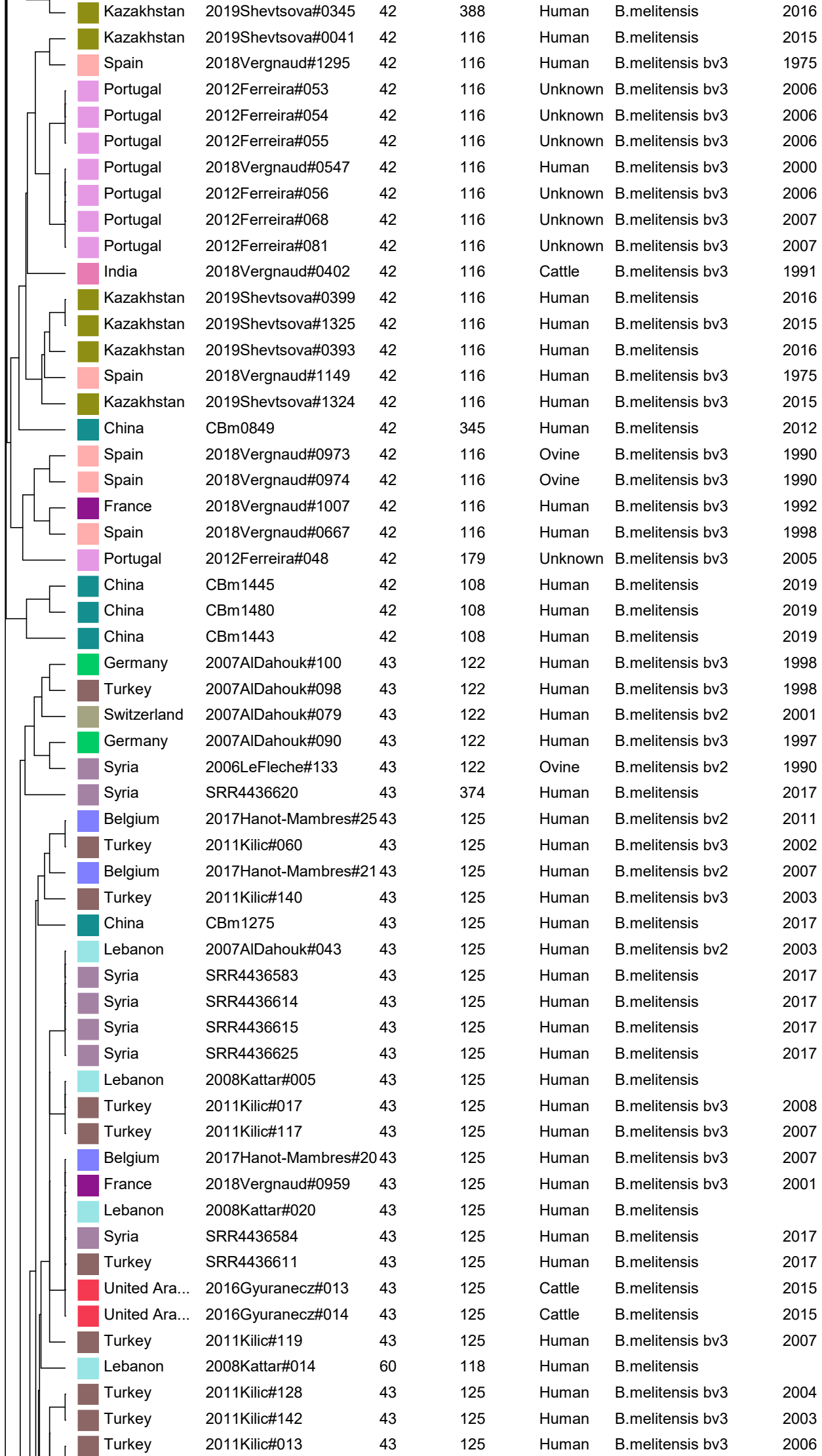


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	Kazakhstan	2019Shevtsova#0887	63	111	Human	B.melitensis bv3	2016
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	Kazakhstan	2019Shevtsova#0943	63	111	Human	B.melitensis bv3	2016
	Kazakhstan	2019Shevtsova#1218	63	111	Human	B.melitensis bv3	2015
	Kazakhstan	2019Shevtsova#1314	63	111	Human	B.melitensis bv3	2015
	China	CBm1010	63	111	Human	B.melitensis	2014
	Kazakhstan	2019Shevtsova#0702	63	111	Human	B.melitensis bv1	2015
	China	CBm0776	63	111	Human	B.melitensis	2011
	China	CBm1051	63	111	Human	B.melitensis	2015
	China	CBm1056	63	111	Human	B.melitensis	2015
	China	CBm0620	63	111	Sheep	B.melitensis	2010
	Turkey	2011Aftab#009	63	111	Human	B.melitensis	
	Kazakhstan	2015Shevtsov#134	63	111	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#135	63	111	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#136	63	111	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#137	63	111	Ovine	B.melitensis	2013
	Kazakhstan	2019Shevtsova#0852	63	111	Human	B.melitensis bv3	2016
	China	CBm0038	63	111	Sheep	B.melitensis	1962
	Kazakhstan	2019Shevtsova#0417	63	111	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0703	63	111	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#1214	63	111	Human	B.melitensis bv3	2015
	China	CBm0024	63	111	Human	B.melitensis	1960
	China	CBm0025	63	111	Human	B.melitensis	1960
	China	CBm0394	63	111	Human	B.melitensis	2007
	China	CBm1012	63	111	Human	B.melitensis	2014
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	Kazakhstan	2015Shevtsov#210	63	111	Ovine	B.melitensis bv1	2008
	Kazakhstan	2019Shevtsova#0457	63	111	Human	B.melitensis	2016
	Kazakhstan	2019Shevtsova#0700	63	111	Human	B.melitensis bv1	2015
	Kazakhstan	2019Shevtsova#0689	63	394	Human	B.melitensis bv1	2015
	China	CBm0941	63	111	Sheep	B.melitensis	2013
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	Kazakhstan	2019Shevtsova#1113	63	111	Human	B.melitensis	2016
	Kazakhstan	2015Shevtsov#152	63	111	Ovine	B.melitensis	2013
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	Kazakhstan	2015Shevtsov#157	63	111	Ovine	B.melitensis	2013
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	Kazakhstan	2019Shevtsova#0091	63	111	Human	B.melitensis bv3	2015
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	China	CBm1016	63	111	Human	B.melitensis	2014
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	Kazakhstan	2019Shevtsova#0613	63	111	Human	B.melitensis bv3	2015
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	Kazakhstan	2015Shevtsov#143	63	111	Ovine	B.melitensis	2013
	Kazakhstan	2015Shevtsov#138	63	111	Dog	B.melitensis bv3	2009
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	Kazakhstan	2019Shevtsova#0899	63	111	Human	B.melitensis bv3	2016
	China	CBm1079	63	111	Sheep	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0439	63	111	Human	B.melitensis	2016
	Lebanon	2008Kattar#024	57	112	Human	B.melitensis	
	Syria	SRR4436616	57	112	Human	B.melitensis	2017
	Afghanistan	SRR4436592_SRR44.	63	111	Unknown	B.melitensis	2017
	Syria	SRR4436577	57	112	Human	B.melitensis	2017
	China	CBm0499	63	111	Human	B.melitensis	2009
	China	CBm0674	63	111	Human	B.melitensis	2010
	China	CBm0675	63	111	Human	B.melitensis	2010
	Kazakhstan	2019Shevtsova#1320	63	111	Human	B.melitensis bv1	2015
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	Kazakhstan	2019Shevtsova#1155	63	392	Human	B.melitensis	2016
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	China	CBm0199	42	297	Sheep	B.melitensis	1992
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	Kazakhstan	2019Shevtsova#0959	42	297	Human	B.melitensis bv3	2016
	China	CBm0188	42	297	Human	B.melitensis	1991
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	China	CBm0190	42	108	Sheep	B.melitensis	1991
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China	CBm0183	42	N8	Human	B.melitensis	1990	



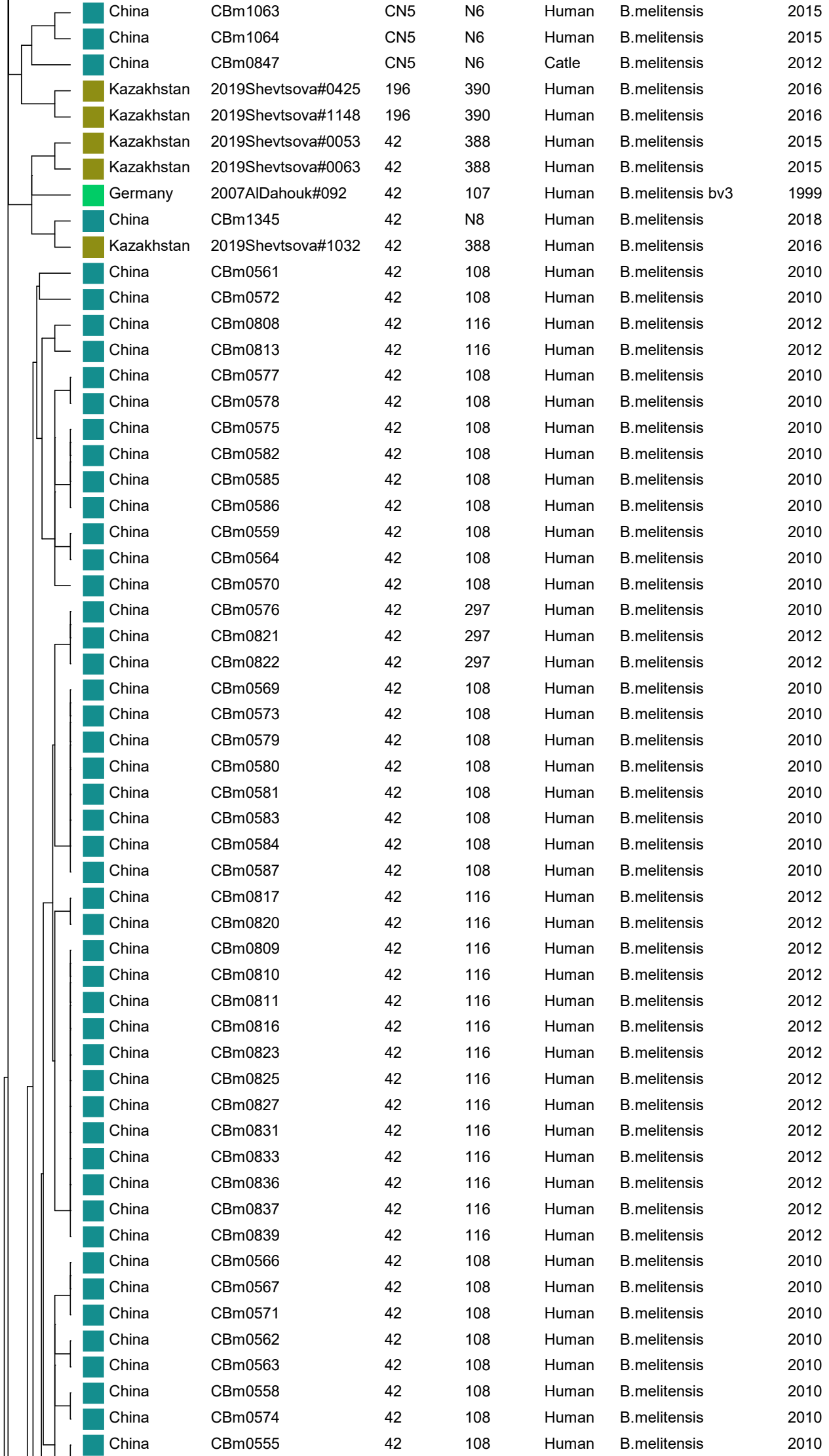
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	Turkey	2007AIDahouk#091	43	122	Human	B.melitensis bv3	1998
	Turkey	2011Kilic#147	43	125	Human	B.melitensis bv3	2004
	Turkey	2011Kilic#153	43	125	Human	B.melitensis bv3	2004
	Turkey	SRR4436587	43	125	Human	B.melitensis	2017
	Turkey	SRR4436609	43	125	Human	B.melitensis	2017
	Lebanon	2008Kattar#022	43	125	Human	B.melitensis	
	Turkey	2011Kilic#152	43	125	Human	B.melitensis bv3	2005
	Lebanon	2008Kattar#018	43	125	Human	B.melitensis	
	Lebanon	2008Kattar#008	43	125	Human	B.melitensis	
	Turkey	SRR4436641	43	125	Human	B.melitensis	2017
	Turkey	2011Kilic#010	43	125	Human	B.melitensis bv3	2004
	Turkey	2011Kilic#062	43	125	Human	B.melitensis bv3	2003
	Iran	SRR4436627	43	125	Human	B.melitensis	2017
	Iraq	2018Vergnaud#0427	43	125	Human	B.melitensis bv3	1996
	Jordan	SRR4436626	43	125	Human	B.melitensis	2017
	Turkey	2007AIDahouk#047	43	125	Human	B.melitensis bv2	2003
	Turkey	2011Kilic#004	43	125	Human	B.melitensis bv3	2003
	Turkey	2011Kilic#114	43	125	Human	B.melitensis bv3	2003
	Turkey	2011Kilic#115	43	125	Human	B.melitensis bv3	2005
	Turkey	2011Kilic#138	43	125	Human	B.melitensis bv3	2003
	Turkey	2011Kilic#057	43	125	Human	B.melitensis bv3	2008
	Turkey	2011Kilic#007	43	125	Human	B.melitensis bv3	2004
	Turkey	2011Kilic#160	43	125	Human	B.melitensis bv3	2004
	Turkey	2007AIDahouk#035	43	125	Human	B.melitensis bv1	2002
	Turkey	2011Kilic#161	43	125	Human	B.melitensis bv3	2001
	Syria	SRR4436612	43	125	Human	B.melitensis	2017
	Turkey	2007AIDahouk#028	43	125	Human	B.melitensis bv2	2002
	Turkey	2011Kilic#149	43	125	Human	B.melitensis bv3	2005
	Greece	2007AIDahouk#087	43	125	Human	B.melitensis bv3	2001
	Turkey	2011Kilic#129	43	125	Human	B.melitensis bv3	2004
	Turkey	2011Kilic#139	43	125	Human	B.melitensis bv3	2003
	China	CBm1252	43	125	Human	B.melitensis	2016
	China	CBm1509	43	125	Human	B.melitensis	2019
	China	CBm1372	43	125	Human	B.melitensis	2018
	Germany	2007AIDahouk#056	43	125	Human	B.melitensis bv1	2001
	Iraq	SRR4436576	43	125	Human	B.melitensis	2017
	China	CBm1490	43	125	Human	B.melitensis	2017
	Turkey	2011Kilic#045	43	125	Human	B.melitensis bv3	2008
	This study	23163	43	125	Human	B.melitensis bv.3	2023
	Turkey	2011Kilic#155	43	125	Human	B.melitensis bv3	2004
	Turkey	2011Kilic#015	43	125	Human	B.melitensis bv3	2005
	Turkey	2011Kilic#016	43	125	Human	B.melitensis bv3	2005
	Greece	2018Vergnaud#0824	43	125	Ovine	B.melitensis bv3	1983
	Greece	2018Vergnaud#0825	43	125	Ovine	B.melitensis bv3	1983
	Greece	2018Vergnaud#0950	43	125	Ovine	B.melitensis bv3	1983
	Greece	2018Vergnaud#0966	43	125	Ovine	B.melitensis bv3	1983
	Greece	2018Vergnaud#0432	43	125	Cattle	B.melitensis bv3	1991
	Greece	2018Vergnaud#0592	43	125	Cattle	B.melitensis bv3	1991
	Greece	2018Vergnaud#0833	43	125	Cattle	B.melitensis bv3	1991
	Greece	2018Vergnaud#1137	43	125	Cattle	B.melitensis bv3	1991
	Greece	2018Vergnaud#1138	43	125	Cattle	B.melitensis bv3	1991
	Greece	2018Vergnaud#1139	43	125	Cattle	B.melitensis bv3	1991
	Greece	2018Vergnaud#1161	43	125	Cattle	B.melitensis bv3	1991
	Greece	2018Vergnaud#1162	43	125	Cattle	B.melitensis bv3	1991
	Greece	2018Vergnaud#0129	43	125	Cattle	B.melitensis bv3	1990
	Syria	SRR4436574	43	125	Human	B.melitensis	2017

	Turkey	2011Kilic#141	43	125	Human	B.melitensis bv3	2004
	Turkey	2007AIDahouk#038	43	125	Human	B.melitensis bv1	2002
	Turkey	2011Kilic#039	43	125	Human	B.melitensis bv3	2008
	Turkey	2011Kilic#134	43	125	Human	B.melitensis bv3	2002
	Turkey	2011Kilic#124	43	125	Human	B.melitensis bv3	2007
	Greece	2018Vergnaud#0734	43	125	Ovine	B.melitensis bv3	1983
	Greece	2018Vergnaud#0735	43	125	Ovine	B.melitensis bv3	1983
	Greece	2018Vergnaud#1380	43	125	Ovine	B.melitensis bv3	1983
	Belgium	2017Hanot-Mambres#17	43	125	Human	B.melitensis bv3	2004
	Turkey	SRR4436632	43	125	Human	B.melitensis	2014
	Turkey	2011Kilic#019	43	125	Human	B.melitensis bv3	2005
	Turkey	2011Kilic#026	43	125	Human	B.melitensis bv3	2005
	Turkey	2011Kilic#009	43	125	Human	B.melitensis bv3	2004
	Vietnam	2017Campbell#001	43	125	Human	B.melitensis	2016
	This study	23133	43	125	Human	B.melitensis bv.3	2023
	Turkey	2007AIDahouk#033	43	125	Human	B.melitensis bv1	2002
	Turkey	2011Kilic#003	43	125	Human	B.melitensis bv3	2004
	Iraq	SRR4436580	43	125	Human	B.melitensis	2017
	Syria	SRR4436581	43	125	Human	B.melitensis	2017
	Turkey	2007AIDahouk#045	43	125	Human	B.melitensis bv2	2003
	Turkey	2011Kilic#145	43	125	Human	B.melitensis bv3	2004
	Turkey	2011Kilic#146	43	125	Human	B.melitensis bv3	2004
	This study	22144	43	125	Human	B.melitensis bv.3	2022
	China	CBm0307	43	125	Human	B.melitensis	2005
	China	CBm0748	43	125	Human	B.melitensis	2011
	Lebanon	2008Kattar#004	43	125	Human	B.melitensis	
	Turkey	2011Kilic#032	43	125	Human	B.melitensis bv3	2007
	Turkey	2011Kilic#050	43	125	Human	B.melitensis bv3	2008
	Turkey	2011Kilic#001	43	125	Human	B.melitensis bv3	2004
	Turkey	2011Kilic#150	43	121	Human	B.melitensis bv3	2005
	Iraq	SRR4436593_SRR44.	43	125	Unknown	B.melitensis	2017
	Lebanon	2008Kattar#013	43	125	Human	B.melitensis	
	Lebanon	2008Kattar#017	43	125	Human	B.melitensis	
	Belgium	2017Hanot-Mambres#19	43	125	Human	B.melitensis bv2	2007
	China	CBm1510	43	125	Human	B.melitensis	2019
	This study	19029	43	YN11-7	Human	B.melitensis bv.3	2019
	This study	21006	43	YN11-7	Human	B.melitensis bv.3	2021
	France	2018Vergnaud#0568	43	125	Human	B.melitensis bv3	1986
	Iraq	2007AIDahouk#086	43	125	Human	B.melitensis bv3	2001
	Turkey	SRR4436607	43	125	Human	B.melitensis	2017
	Turkey	2011Kilic#054	43	125	Human	B.melitensis bv3	2008
	Turkey	2011Kilic#120	43	125	Human	B.melitensis bv3	2007
	Lebanon	2008Kattar#001	43	125	Human	B.melitensis	
	Turkey	2011Aftab#003	43	125	Human	B.melitensis	
	Turkey	2011Aftab#005	43	125	Human	B.melitensis	
	Israel	2007AIDahouk#011	43	125	Human	B.melitensis bv2	1996
	This study	22028	43	125	Human	B.melitensis bv.3	2022
	This study	20027	43	125	Human	B.melitensis bv.3	2020
	Turkey	2011Kilic#090	43	125	Human	B.melitensis bv3	2007
	This study	22020	43	125	Human	B.melitensis bv.3	2022
	Greece	2018Vergnaud#0395	43	125	Cattle	B.melitensis bv3	1990
	Turkey	2011Kilic#031	43	125	Human	B.melitensis bv3	2007
	Vietnam	2017Campbell#008	43	125	Human	B.melitensis	2017
	China	CBm0610	43	125	Human	B.melitensis	2010
	Turkey	2011Kilic#047	43	125	Human	B.melitensis bv3	2008
	This study	22011	43	125	Human	B.melitensis bv.3	2022

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	Vietnam	2017Campbell#002	43	125	Human	B.melitensis	2017
	China	CBm0057	43	125	Human	B.melitensis	1965
	This study	20025	43	125	Human	B.melitensis bv.3	2020
	This study	21027	43	125	Human	B.melitensis bv.3	2021
	Greece	2018Vergnaud#0445	43	125	Caprine	B.melitensis bv1	1983
	Turkey	SRR4436606	43	125	Human	B.melitensis	2017
	Lebanon	2008Kattar#003	43	125	Human	B.melitensis	
	Vietnam	2017Campbell#007	43	125	Human	B.melitensis	2017
	This study	21007	43	125	Human	B.melitensis bv.3	2021
	This study	20017	43	125	Human	B.melitensis bv.3	2020
	This study	23010	43	125	Human	B.melitensis bv.3	2023
	This study	23014	43	125	Human	B.melitensis bv.3	2023
	This study	23019	43	125	Human	B.melitensis bv.3	2023
	This study	23021	43	125	Human	B.melitensis bv.3	2023
	This study	23022	43	125	Human	B.melitensis bv.3	2023
	This study	23032	43	125	Human	B.melitensis bv.3	2023
	China	CBm1373	43	125	Human	B.melitensis	2018
	This study	23115	43	125	Human	B.melitensis bv.3	2023
	This study	23224	43	125	Human	B.melitensis bv.3	2023
	This study	21017	43	125	Human	B.melitensis bv.3	2021
	China	CBm1496	43	125	Human	B.melitensis	2018
	China	CBm1269	43	125	Human	B.melitensis	2017
	This study	23060	43	125	Human	B.melitensis bv.3	2023
	China	CBm1268	43	125	Human	B.melitensis	2017
	China	CBm1513	43	125	Human	B.melitensis	2015
	United Ara...	2016Gyuranecz#012	43	125	Caprine	B.melitensis	2014
	This study	21035	43	125	Human	B.melitensis bv.3	2021
	This study	21030	43	125	Human	B.melitensis bv.3	2021
	This study	20008	43	125	Human	B.melitensis bv.3	2020
	This study	21019	43	125	Human	B.melitensis bv.3	2021
	This study	22003	43	125	Human	B.melitensis bv.3	2022
	Turkey	2011Kilic#023	43	125	Human	B.melitensis bv3	2005
	This study	17004	43	125	Human	B.melitensis bv.3	2017
	Bosnia	2007AIDahouk#046	43	125	Human	B.melitensis bv2	2003
	Greece	2018Vergnaud#0386	43	125	Ovine	B.melitensis bv3	1983
	Greece	2018Vergnaud#0385	43	125	Ovine	B.melitensis bv3	1983
	Turkey	2011Kilic#100	43	121	Human	B.melitensis bv3	2008
	China	CBm0256	43	123	Human	B.melitensis	1997
	Turkey	2011Kilic#107	43	125	Human	B.melitensis bv3	2005
	Greece	2018Vergnaud#0580	43	125	Cattle	B.melitensis bv3	1990
	Turkey	2007AIDahouk#058	57	112	Human	B.melitensis bv1	2000
	China	CBm1043	42	116	Human	B.melitensis	2015
	Kazakhstan	2019Shevtsova#0631	42	116	Human	B.melitensis bv1	2015
	France	2018Vergnaud#0069	43	125	Human	B.melitensis bv1	2006
	France	2018Vergnaud#0070	43	125	Human	B.melitensis bv1	2006
	Lebanon	2008Kattar#016	43	125	Human	B.melitensis	
	China	CBm0042	43	125	Human	B.melitensis	1963
	China	CBm0043	43	125	Human	B.melitensis	1963
	China	CBm0673	43	125	Human	B.melitensis	2010
	Turkey	2011Kilic#108	43	125	Human	B.melitensis bv3	2003
	Iraq	SRR4436634	43	125	Human	B.melitensis	2017
	Turkey	2007AIDahouk#034	43	125	Human	B.melitensis bv2	2002
	Turkey	2011Kilic#012	43	125	Human	B.melitensis bv3	2004
	Greece	2018Vergnaud#0831	43	125	Cattle	B.melitensis bv3	1991
	Germany	2007AIDahouk#066	43	125	Human	B.melitensis bv2	2001
	Israel	2018Vergnaud#0051	43	284	Human	B.melitensis bv1	1988



Accession	Host	Host Species	Host Age	Host Sex	Host Location	Host Date
China CBm0556	China	Human	42	108	B.melitensis	2010
China CBm0557	China	Human	42	108	B.melitensis	2010
China CBm0560	China	Human	42	108	B.melitensis	2010
China CBm0568	China	Human	42	108	B.melitensis	2010
China CBm0259	China	Human	42	116	B.melitensis	2001
China CBm0812	China	Human	42	116	B.melitensis	2012
China CBm0260	China	Sheep	42	116	B.melitensis	2001
China CBm0261	China	Sheep	42	116	B.melitensis	2001
China CBm0073	China	Human	42	116	B.melitensis	1973
China CBm0074	China	Human	42	116	B.melitensis	1973
China CBm0184	China	Sheep	42	116	B.melitensis	1991
China CBm0819	China	Human	42	116	B.melitensis	2012
China CBm0835	China	Human	42	116	B.melitensis	2012
China CBm0814	China	Human	42	116	B.melitensis	2012
China CBm0815	China	Human	42	116	B.melitensis	2012
China CBm0818	China	Human	42	116	B.melitensis	2012
China CBm0824	China	Human	42	116	B.melitensis	2012
China CBm0826	China	Human	42	116	B.melitensis	2012
China CBm0829	China	Human	42	116	B.melitensis	2012
China CBm0830	China	Human	42	116	B.melitensis	2012
China CBm0840	China	Human	42	116	B.melitensis	2012
China CBm0807	China	Human	42	116	B.melitensis	2012
China CBm1361	China	Human	42	116	B.melitensis	2018
China CBm1362	China	Human	42	116	B.melitensis	2018
China CBm0828	China	Human	42	116	B.melitensis	2012
China CBm0832	China	Human	42	116	B.melitensis	2012
China CBm0276	China	Human	42	297	B.melitensis	2005
China CBm0277	China	Human	42	297	B.melitensis	2005
China CBm0838	China	Human	42	297	B.melitensis	2012
China CBm0266	China	Sheep	114	291	B.melitensis	2001
China CBm0267	China	Sheep	114	291	B.melitensis	2001
China CBm0265	China	Human	63	111	B.melitensis	2001
Kazakhstan 2019Shevtsova#1319	Kazakhstan	Human	42	116	B.melitensis bv3	2015
China CBm0565	China	Human	42	N9	B.melitensis	2010
China CBm0806	China	Human	42	N9	B.melitensis	2012
China CBm0834	China	Human	42	N9	B.melitensis	2012
China CBm1289	China	Human	42	116	B.melitensis	2017
China CBm1308	China	Human	42	116	B.melitensis	2017
China CBm1292	China	Human	42	116	B.melitensis	2017
China CBm1132	China	Sheep	42	116	B.melitensis	2016
China CBm1147	China	Sheep	42	116	B.melitensis	2016
China CBm1150	China	Sheep	42	116	B.melitensis	2016
China CBm1131	China	Sheep	42	116	B.melitensis	2016
China CBm1133	China	Sheep	42	116	B.melitensis	2016
China CBm1134	China	Sheep	42	116	B.melitensis	2016
China CBm1144	China	Sheep	42	116	B.melitensis	2016
China CBm1145	China	Sheep	42	116	B.melitensis	2016
China CBm1146	China	Sheep	42	116	B.melitensis	2016
China CBm1156	China	Sheep	42	116	B.melitensis	2016
China CBm1159	China	Sheep	42	116	B.melitensis	2016
China CBm1160	China	Sheep	42	116	B.melitensis	2016
China CBm1290	China	Human	42	116	B.melitensis	2017
China CBm1291	China	Human	42	116	B.melitensis	2017
China CBm1293	China	Human	42	116	B.melitensis	2017
China CBm1309	China	Human	42	116	B.melitensis	2017
China CBm1313	China	Human	42	116	B.melitensis	2017

