

Appendix Table. GenBank accession numbers of sequences of *Borrelia burgdorferi* in this study*

Strain name	ospC allele	ospC accession no.	Former IGS1† name	Revised IGS1 name	IGS1 accession no.	ospA allele	ospA accession no.	IGS2‡ name	IGS2 accession no.
B31	A	AE000792	1A	1	AE000783	1	AE000790	1	GQ463603
CA4	A	EU377746	1A-684	10	EU377801	23	GQ443123		
CA6	A	EU377748	1A-684	10	EU377803				
2206617	A	AE000792	1A-684/672	11	GQ478289	22	GQ443122		
64b	Ba	CP001422	3A	3	ABKA02000001	3	CP001421		
B373	Ba	EU377779	3B	3	EU377795				
51405UT	Ba	EU375825	6A	6	EU375815	14	GQ443114		
ZS7	Bb	NC_011724	3D	16	NC_011728	28	CP001199		
JD1	Ca	DQ437462	5G	24	DQ437478				
BL515	Ca	EU377774	5G	24	EU377790				
OC4	Da	AF029863	5A	5	AY275201				
516113	Da	AY275217	5A	5	AY275201	5	GQ433636	4	GQ463606
424404	Db	GQ478283	5A	5	AY275201	18	GQ443118	7	GQ463609
CA-11.2a	Db	CP001484	5A-239	19	ABJY02000007	27	CP001473		
N40	E	AY275221	9A	9	AY275211	9	M57248		
B348	E	AF467875	9C	9	AF467863				
990503	Fa	AY275225	4C	17	GQ130198				
B156	Fa	EU377776	4C	17	EU377792				
MI407	Fb	EF537433	4D	18	EF537367				
1469205	Fc	GQ478285	4D	18	EF537367	13	GQ443113	6	GQ463608
MR616	G	EU377771	6B	26	EU377787				
72a	G	CP001375	6B	26	ABGJ02000006	9	CP001370		
1468503	G	AY275223	5C	22	GQ130201	21	GQ443121		
B509	Ha	EU377781	2D	12	EU377797				
156a	Hb	CP001271	2D	12	ABCV02000001	2	CP001257		
519014UT	Hb	EU375831	2D	12	EU375823				
519512	Hb	GQ478286	2D	12	EU375823				
CA92-0953	Hb	EU377751	2D-713	13	EU377806				
B500	Ia	AF467878	7A	7	AF467866				
B331	Ia	AF467874	7A	7	AF467862	7	GQ443107		
1472505	Ia	AY275219	7A	7	AY275205	10	GQ443110		
WI91-23	Ia	CP001446	7A	7	ABJW02000006	11	CP001447		
CA92-1096	Ib	EU377752	7A	7	EU377807				
CA337	Ib	EU377752	7A	7	EU377807	30	GU815347		
118a	J	CP001535	5B	20	ABGI02000001	8	CP001542		
297	K	AY275214	2B	2	AY275192	2	X85442	2	GQ463604
501604	K	AY275214	2A	2	AY275191				
149901	K	AY275214	2E	14	GQ120104	31	GU815348		
47703UT	L	EU375832	2E	14	GQ120104				
29805	M	CP001550	6A	6	ABJX02000028	2	CP001554	3	GQ463605
CA92-1337	M	EU377753	6A	6	EU377808				
MR661	N	EU377775	4A	4	EU377791	4	GQ433635		
500203	N	AY275216	4A	4	AY275199				
MI418	N	EF537430	5E	23	EF537363				
51108	N	AY275216	5E	23	GQ130203				
501427	Oa	FJ997281	6C	27	AY275204				
2207807	Ob	FJ997282	6A	6	ABJX02000028				
23509	T	AY275222	8C	28	AY275209				
1476702	T	AY275222	8C-808	29	GQ478288	20	GQ443120		
94a	Ua	CP001493	8A	8	ABGK02000002	8	CP001500		
B485	Ua	EU377769	8A	8	EU377785				
48802	Ua	AY275220	8A	8	ABGK02000002	16	GQ443116		
2207116	Ua	EU377769	8A	8	EU377785	12	GQ443112	10	GQ463612
426905	Ub	GQ478287	8E	30	GQ130197	8	GQ443108	9	GQ463611
2206613	A3	EF592541	2E	14	GQ120104	19	GQ443119		
2250201	B3	EF592542	5E	23	GQ130203	17	GQ443117		
50202	C3	EF592543	4C	17	GQ130198	15	GQ443115	5	GQ463607
2150902	D3	EF592544	New	31	GQ478290				
2127701	E3	EF592545	5B	20	GQ130200			8	GQ463610
HRT25	E3	EF592545	5A-725	21	EU886975	24	GQ443124		
LMR28	E3	EF592545	5A	5	AY275201	25	GQ443125		
1456802	F3	EF592547	5A	5	AY275201				
CA8	H3	FJ932733	5A8	25	EU886974	26	GQ247743		
CA11	I3	FJ932734	4C	17	GQ130198				
CA12	I3	FJ932734	4C	17	GQ130198				

***Boldface** indicates new accession number from this study.†IGS1, *rrs-rrlA* intergenic spacer region.‡IGS2, *rrl-rrlB* intergenic spacer.