

Table S2. List of species and GenBank accession numbers of their flagellin gene (*fla B*) sequences used in the network phylogenetic analysis (Figure 2 and 4).

Symbol of haplotype	Scientific name	GenBank accession number	Sequence references
H1	<i>Borrelia afzelii</i>	ON016088	This study
H2	<i>Borrelia burgdorferi</i>	ON016089 HM345911	This study [45]
H3	<i>Borrelia burgdorferi</i>	ON016090	This study
H4	<i>Borrelia burgdorferi</i>	ON016091	This study
H5	<i>Borrelia afzelii</i>	KR782180	Unpublished
H6	<i>Borrelia afzelii</i>	KR782182	Unpublished
H7	<i>Borrelia afzelii</i>	MG944962	Unpublished
H8	<i>Borrelia afzelii</i>	KR782190	Unpublished
H9	<i>Borrelia afzelii</i>	JF732879	Unpublished
H10	<i>Borrelia afzelii</i>	KF918616	Unpublished
H11	<i>Borrelia afzelii</i>	MN958344	[46]
H12	<i>Borrelia burgdorferi</i>	AB091813	[47]
H13	<i>Borrelia burgdorferi</i>	X75200	[48]
H14	<i>Borrelia burgdorferi</i>	KF422801	[49]
H15	<i>Borrelia burgdorferi</i>	KF422799	Unpublished
H16	<i>Borrelia burgdorferi</i>	KF422875	[49]
H17	<i>Borrelia burgdorferi</i>	DQ016620	[45]
H18	<i>Borrelia burgdorferi</i>	HM345910	[45]
H19	<i>Borrelia burgdorferi</i>	KT963084	Unpublished
H20	<i>Borrelia lusitaniae</i>	AB091809	[47]
H21	<i>Borrelia garinii</i>	L42885	[50]
H22	<i>Borrelia garinii</i>	KF894058	Unpublished
H23	<i>Borrelia garinii</i>	KX646202	Unpublished
H24	<i>Borrelia valaisiana</i>	EU135600	[51]
H25	<i>Borrelia yangtzensis</i>	EU135599	[51]
H26	<i>Borrelia yangtzensis</i>	EU135603	[51]
H27	<i>Candidatus Borrelia tachyglossi</i>	KY586966	[52]
H28	<i>Borrelia miyamotoi</i>	FJ823229	[45]

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