

Table S2. Co-infections of pathogens detected in questing *I. ricinus* adults collected in studied habitats, n – number of tested samples.

Co-infections	Number of positive samples and percentage rate (%)					
	Meadow habitat of the Western Carpathians		Forest habitat of the Western Carpathians		Forest habitat of the foothills of the Western Carpathians	
	Females n = 42	Males n = 14	Females n = 42	Males n = 14	Females n = 42	Males n = 14
<i>Borrelia valaisiana</i> + <i>Borrelia miyamotoi</i>	1 (2.38)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
<i>Borrelia afzelii</i> + <i>Rickettsia helvetica</i>	0 (0.00)	1 (7.14)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
<i>Borrelia</i> spp. + <i>Ehrlichia</i> spp.	1 (2.38)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
<i>Rickettsia helvetica</i> + <i>Ehrlichia</i> spp.	0 (0.00)	1 (7.14)	1 (2.38)	0 (0.00)	1 (2.38)	0 (0.00)
<i>Borrelia lusitaniae</i> + <i>Babesia venatorum</i>	0 (0.00)	0 (0.00)	2 (4.76)	0 (0.00)	0 (0.00)	0 (0.00)
<i>Borrelia afzelii</i> + <i>Ehrlichia</i> spp.	0 (0.00)	0 (0.00)	1 (2.38)	0 (0.00)	2 (4.76)	0 (0.00)
<i>Borrelia lusitaniae</i> + <i>Rickettsia</i> spp.	0 (0.00)	0 (0.00)	0 (0.00)	1 (7.14)	0 (0.00)	0 (0.00)