

Supplementary Table 1. Detection rate of *Theileria* in ticks parasitizing different animals

Host	<i>n</i>	Positive no.	Positive rate (%)	<i>P</i>
Parasitic sheep ticks	432	40	9.26	< 0.001
Parasitic dog ticks	55	0	0.00	
Parasitic rabbit ticks	31	0	0.00	
Free ticks	109	3	2.75	
Total	627	43	6.86	

Supplementary Table 2. Detection rate of *Theileria* in female, male ticks and nymphs in Changzhi

Type	<i>n</i>	Positive no.	Positive rate (%)	χ^2	<i>P</i>
Female	298	39	13.09	36.617	< 0.001
Male	242	0	0.00		
Nymphs	87	4	4.60		
Total	627	43	6.86		