

Appendix Table 2. PCR results for 4 tick-borne agents in rodents, People's Republic of China, 2004–2006*

Species	No. (%) rodents tested	Study site, no. (%) rodents positive						No. (%) rodents positive				No. (%) co-infected
		Heilongjiang Province	Jilin Province	IMAR	XJAR	Zhejiang Province	Guizhou Province	<i>Anaplasma phagocytophilum</i>	<i>Borrelia burgdorferi</i>	SFG <i>rickettsiae</i>	<i>Francisella tularensis</i>	
<i>Apodemus agrarius</i>	142 (20.1)	13 (20.3)	75 (36.2)	44 (29.6)	0	10 (4.6)	0	14 (9.9)	4 (2.8)	27 (19.0)	14 (9.9)	4 (2.8)
<i>A. peninsulae</i>	74 (10.4)	13 (20.3)	56 (27.1)	5 (3.4)	0	0	0	4 (5.4)	9 (12.2)	1 (1.4)	7 (9.5)	3 (4.1)
<i>A. sylvaticus</i>	21 (3.0)	0	0	0	0	21 (9.7)	0	2 (9.5)	3 (14.3)	7 (33.3)	0	3 (14.3)
<i>Cricetulus barabensis</i>	11 (1.6)	0	0	10 (6.8)	0	1 (0.5)	0	0	1 (9.1)	0	0	0
<i>C. migratorius</i>	2 (0.3)	0	1 (0.5)	0	0	1 (0.5)	0	0	0	0	0	0
<i>C. triton</i>	5 (0.7)	0	5 (2.4)	0	0	0	0	0	1 (20.0)	0	1 (20.0)	1 (20.0)
<i>Cricetulus</i> sp.	39 (5.5)	0	17 (8.3)	0	5 (11.3)	17 (7.9)	0	2 (5.1)	0	0	2 (5.1)	0
<i>Clethrionomys rufocanus</i>	65 (9.2)	37 (57.8)	23 (11.1)	5 (3.4)	0	0	0	3 (4.6)	6 (9.2)	1 (1.5)	2 (3.1)	1 (1.5)
<i>Clethrionomys rutilus</i>	13 (1.8)	0	0	13 (8.8)	0	0	0	0	0	1 (7.7)	0	0
<i>Meriones unguiculatus</i>	15 (2.1)	0	0	0	15 (34.1)	0	0	0	0	1 (6.7)	1 (6.7)	0
<i>Microtus maximowiczii</i>	35 (4.9)	0	0	35 (23.7)	0	0	0	0	0	0	1 (2.9)	0
<i>Mus pahari</i>	7 (1.0)	0	0	0	0	0	7 (25.0)	0	0	1 (14.28)	0	0
<i>Mus musculus</i>	46 (6.5)	0	4 (1.9)	12 (8.1)	22 (50.0)	0	8 (28.6)	0	2 (4.7)	8 (18.6)	0	1 (1.3)
<i>Niviventer confucianus</i>	115 (16.2)	0	0	0	0	115 (53.2)	0	6 (5.2)	10 (8.7)	8 (7.0)	0	2 (1.7)
<i>N. coxingi</i>	4 (0.6)	0	0	0	0	4 (1.8)	0	1 (25)	1 (25)	0	0	0
<i>N. fulvescens</i>	2 (2.8)	0	0	0	0	2 (0.9)	0	0	0	0	0	0
<i>Rattus losea</i>	32 (0.5)	0	0	0	0	30 (13.9)	2 (7.1)	1 (3.1)	3 (9.4)	6 (18.8)	0	1 (3.1)
<i>R. norvegicus</i>	47 (6.6)	1 (1.6)	13 (6.2)	12 (8.1)	0	12 (5.6)	9 (32.2)	4 (8.5)	3 (6.4)	2 (4.3)	2 (4.3)	1(2.1)
<i>Tamias sibiricu</i>	18 (2.5)	0	11 (5.3)	7 (4.7)	0	0	0	1 (5.6)	2 (11.2)	0 (0)	5 (27.8)	1 (5.6)
NI	6 (0.9)	0	0	5 (3.4)	0	1 (0.5)	0	0	2 (33)	1 (17)	0	0
Others	6 (0.9)	0	0	0	2 (4.6)	2 (0.9)	2 (7.1)	1 (10.0)	0	0	0	0
Total	705 (100.0)	64 (100.0)	205 (100.0)	148 (100.0)	44 (100.0)	216 (100.0)	28 (100.0)	39 (5.5)	47 (6.7)	64 (9.1)	35 (5.0)	18 (2.6)

*SFG, spotted fever group; IMAR, Inner Mongolia Autonomous Region; XJAR, Xinjiang Autonomous Region; NI, not identified.