

Table S2: Minimum infection rates for TBP identified in ticks and camel blood samples according to sampling sites in Marsabit, northern Kenya, February-March 2020.

Location	Host	No. of individuals	No. of pools	<i>Coxiella burnetii</i>	<i>Coxiella</i> endo-symbionts	<i>Candidatus Anaplasma camelii</i>	<i>Anaplasma</i> sp.	<i>Candidatus Ehrlichia regneryi</i>	<i>Ehrlichia ruminantium</i>	<i>Ehrlichia chaffeensis</i>	<i>Ehrlichia</i> sp.	<i>Rickettsia africae</i>	<i>Rickettsia aeschlimannii</i>	<i>Paracoccus</i> sp.
Laisamis	<i>Hy. dromedarii</i>	320	76	4 (1.4%)		9 (2.8%)		8 (2.5%)					1 (0.3%)	2 (0.6%)
	<i>Hy. rufipes</i>	364	96	6 (1.6%)		14 (3.8%)		13 (3.6%)					23 (6.3%)	8 (2.2%)
	<i>Hy. impeltatum</i>	39	14			1 (2.6%)		2 (5.1%)						
	<i>Hy. truncatum</i>	3	2											1 (33.3%)
	<i>Rh. camicasi</i>	23	8			2 (8.7%)								
	Camel blood	56		1 (1.8%)		52 (92.9%)		9 (16.1%)						
Kamboe	<i>Hy. dromedarii</i>	17	7			2 (11.8%)		1 (5.9)						
	<i>Hy. rufipes</i>	13	8			2 (15.4%)		2 (15.4%)						
	<i>Am. gemma</i>	19	12		1 (5.3%)	2 (10.5%)			2 (10.5%)			1 (5.3%)		
	<i>Rh. pulchellus</i>	19	11	1 (5.3%)		3 (15.8%)					9 (47.4%)		1 (5.3%)	1 (5.3%)
	<i>Hy. truncatum</i>	2	1											
	Camel blood	16				16 (100%)		1 (6.3%)						
Shegel	<i>Hy. dromedarii</i>	179	34	5 (2.8%)		2 (1.1%)		2 (1.1%)						
	<i>Hy. impeltatum</i>	145	36			5 (3.4%)		3 (2.1%)					5 (3.4%)	2 (1.4%)
	<i>Hy. rufipes</i>	87	27	3 (3.4%)		4 (4.6%)		5 (5.7%)					9 (10.3%)	
	<i>Hy. truncatum</i>	13	4			1 (7.7%)								
	<i>Rh. camicasi</i>	38	10			3 (7.9%)								
	<i>Am. gemma</i>	3	3											
	<i>Am. lepidum</i>	3	3						1 (33.3%)					
	Camel blood	24		1 (4.2%)		20 (83.3%)		3 (12.5%)						
Korr	<i>Hy. dromedarii</i>	163	40	2 (1.2%)				3 (7.5%)					1 (0.6%)	
	<i>Hy. impeltatum</i>	37	13					1 (0.7%)					1 (2.7%)	
	<i>Hy. rufipes</i>	145	43	3 (2.1%)		1 (0.7%)		9 (20.9%)			1 (0.7%)		22 (15.2%)	
	<i>Rh. pulchelus</i>	2	1											
	Camel blood	56		7 (12.5%)		49 (87.5%)		13 (23.2%)						
Dabel	<i>Hy. dromedarii</i>	124	25			6 (4.8%)		3 (2.4%)						
	<i>Hy. rufipes</i>	39	15			2 (5.1%)		5 (12.8%)					8 (20.5%)	
	<i>Am. gemma</i>	8	8		1 (12.5%)	1 (12.5%)			4 (50%)			2 (25%)		1 (12.5%)
	<i>Am. lepidum</i>	41	20		3 (7.3%)	2 (4.9%)			4 (9.8%)			3 (7.3%)		
	<i>Rh. pulchellus</i>	28	17		2 (7.1%)	3 (10.7%)					5 (17.9%)			
	Camel blood	24				15 (62.5%)		4 (16.7%)						
Yaballo	<i>Hy. dromedarii</i>	37	13			3 (8.1%)		1 (2.7%)					1 (2.7%)	
	<i>Hy. rufipes</i>	22	10			2 (9.1%)		7 (31.8%)					3 (13.6%)	
	<i>Am. gemma</i>	26	16		1 (3.8%)	2 (7.7%)			4 (15.4%)			6 (23.1%)		

[illegible]

	<i>Hy. truncatum</i>	1	1											
	<i>Rh. pulchellus</i>	3	1											
	Camel blood	8				7 (87.5%)								