

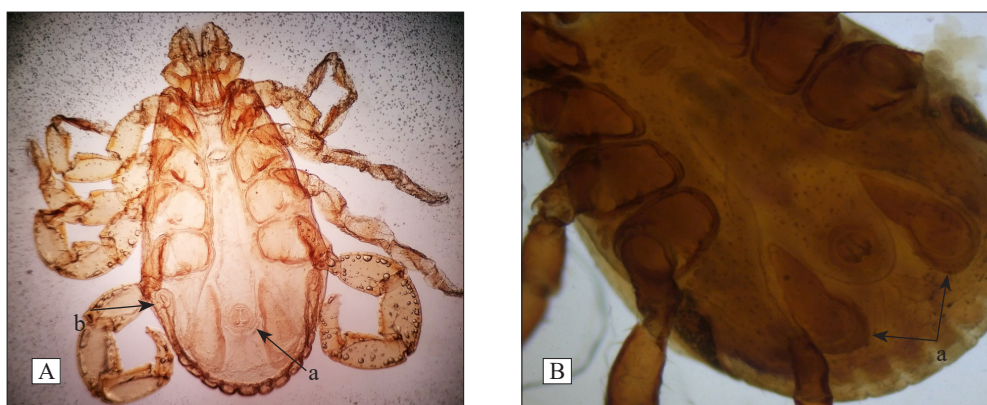


Prevalence and molecular characterization of ticks infesting dogs in Agartala, Tripura

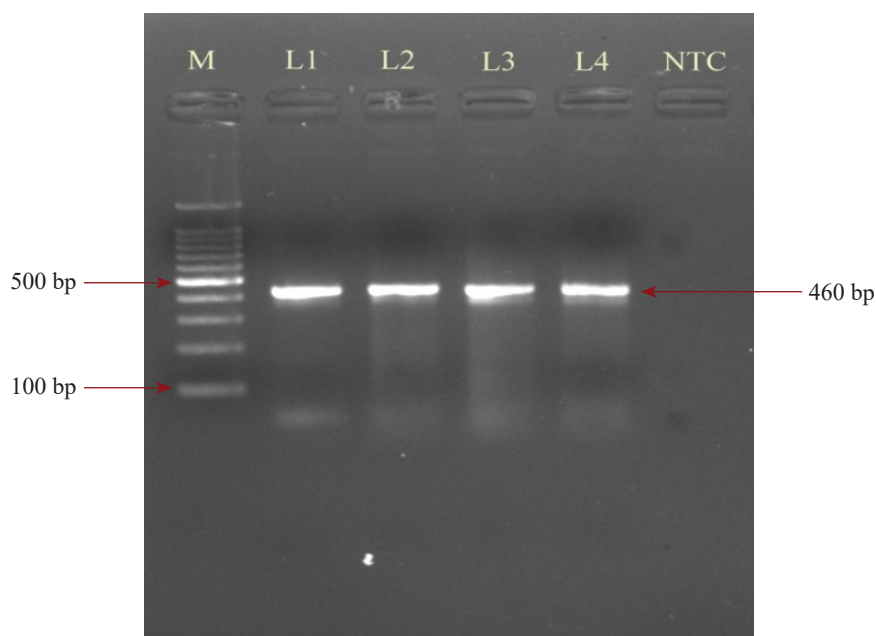
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Supplementary Fig. 1 A. *Rhipicephalus sanguineus*, posterior anal groove (a) and comma shaped spiracle (b). (Mag. ×10); B. *Rhipicephalus sanguineus* adanal shield (a). (Mag. ×10).



Supplementary Fig 2. Ethidium bromide stained agarose gel (1.5%) showing PCR amplicon of *Rhipicephalus sanguineus* (460 bp). L1, L2, L3, L4: Positive sample; NTC: No template control; M: 100-1000 bp DNA ladder.

Supplementary Table 1. Prevalence of tick infestation in dogs from Agartala according to breed

Variable	Number of dogs examined	Number of dogs positive for tick infestation	Prevalence (%)	P-value
<i>Breeds</i>				
German Spitz	487	398	81.72	<0.01*
Mongrel/Local	445	294	66.06	
German Shepherd	109	68	62.38	
Cocker Spaniel	67	41	61.19	
Lhasa Apso	11	6	54.54	
Pug	41	21	51.51	
Cross	242	119	49.17	
Labrador Retriever	241	117	48.54	
Doberman Pinscher	09	04	44.44	
Beagle	19	08	42.10	
Rottweiler	15	05	33.33	
Siberian Huski	06	02	33.33	
Golden Retriever	52	14	26.92	
Bull mastiff	04	01	25.00	
Saint Bernard	04	01	25.00	
Dachshund	04	01	25.00	
Dalmatian	09	02	22.21	
Pomeranian	11	02	18.18	

*, Denotes statistically significant P-value ($P < 0.01$), Chi square statistics. ^{NS}, Denotes statistically non-significant P-value ($P > 0.05$), Chi square statistics.