Comparative detection efficacy of primers targeting \textit{SpeI-AvaI} restriction fragment and small subunit ribosomal RNA gene of \textit{Babesia bigemina}

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Supplementary Fig. 1. (a) Agrose gel (1.5\%) electrophoresis showing amplified DNA (278bp) for \textit{SpeI-AvaI} restriction fragment \textit{B. bigemina}. M =marker 100 bp; 1= Host leucocytes DNA, 2 =\textit{B. bigemina} DNA, 3= \textit{Theileria annulata} DNA, 4= \textit{Anaplasma marginale} DNA 5= \textit{Trypanosoma evansi} DNA, 6= Non template control. (b) Agrose gel (1.5\%) electrophoresis showing amplified DNA (689 bp) of SSU rRNA gene of \textit{B. bigemina} M =marker 100 bp plus, 1= Host leucocytes DNA, 2 =\textit{B. bigemina} DNA, 3= \textit{Theileria annulata} DNA, 4= \textit{Anaplasma marginale} DNA, 5= \textit{Trypanosoma evansi} DNA, 6= Non template control.

Supplementary Fig. 2. Blast analysis of nucleotide sequences of \textit{SpeI-AvaI} amplicon of Ludhiana, Punjab, India isolate (AB922127) with \textit{SpeI-AvaI} restriction fragment of \textit{B. bigemina} (S45366).
Supplementary Fig. 3. Babesia bigemina small sub-unit ribosomal gene phylogenetic tree. Bootstrap values given at the beginning of each branch.