

Figure S1: 18S rRNA-PCRs for cattle louse identification

Primer	Sequences (5'-3')
18s-F	CCGCGAAAGGCTCATTAAATCAG
18s-R	CCT G/TCAATGGATACTCGTTAAATG

Thermal cycle condition for amplifying 18S rRNA gene of the cattle louse.

PCR condition	Temp. (°C)	Time (min)	Cycle (n)
1. Initial denaturation	95	3	1
2. PCR step			
- Denaturation	95	1	35
- Annealing	58	1	
- Extension	72	1.30	
3. Final extension	72	7	1