Gel concentration: 1.5%

Voltage: 120 V

Time: 50 min

DNA V loaded per sample: 4 uL

Dye V loaded per sample: 2 uL



**Fig. S1** representative agarose gel separation of extractions from abdomen of T. dimidiata. The upper band, indicated by the black arrow, is intact genomic DNA. In lanes 6-9, 12, and 13-14, a second band of degraded DNA (1-200bp), indicated by the red arrow, is likely partially-digested blood meal. 1kb ladder is loaded in the far-right lane for comparison.