

Supplementary Material 1. PCR primers used to amplify the mitochondrial genes or minichromosomes of the African savanna elephant louse

Primer	Target gene or region	Sequence (5'-3')	Reference
mtd6	<i>cox1</i>	GGAGGATTTGGAAATTGATTAGTTCC	Shao et sl. 2015
mtd11	<i>cox1</i>	ACTGTAAATATATGATGAGCTCA	Shao et sl. 2015
12SA	<i>rrnS</i>	TACTATGTTACGACTTAT	Shao et sl. 2015
12SB	<i>rrnS</i>	AAACTAGGATTAGATACCC	Shao et sl. 2015
ELF	Non-coding region	TATGACATATCGATTGTAAAATCCTTCAGG	Current study
ELR	Non-coding region	AATAACATATTTTCTGTTGCAAAGTCACTC	Shao et sl. 2015
SKrrnSF	<i>rrnS</i>	CGTCGGAAGGGAAGGAGTTAAATCTGAACC	Current study
SKrrnSR	<i>rrnS</i>	GCGGTGTGCAGAGCATGAATTAATGGTAAG	Current study
SKtrnYF	<i>trnY</i>	CGCTGTAAACGCATAGACGGAAGGTCCC	Current study
SKtrnYR	<i>trnY</i>	CACCGCTTAACATCTCTAAGCTACACTC	Current study
SKnad4LFO2	<i>nad4L</i>	CTCTCGATCGCCTGTCAGGTGTTTAATTAGC	Current study
SKnad4LRO2	<i>nad4L</i>	GTTAGAACTTTAGTGAGCGCGAGAGCTC	Current study

Note: See Table 1 for gene name annotations.