

Table S1List of primers used to amplify the gapped regions of *Metcalfa pruinosa* H1 and H3 haplotypes.

Fragment name	Primer name	Direction ^a	Sequence (5'-3')
Long fragments			
LF1	Miseon-LF-COI-F1	F	AGCAGTATTCGCTATTATAGC
"	Miseon-LF-CYTB-R1	R	TTGATCCAAAATTCATCATG
LF2	Miseon-LF-CYTB-F2	F	AATAACACTACCATTCTCTATG
"	Miseon-LF-COI-R2	R	ATTCTTATTATTATCCCACTAG
gap 1 (<i>COII</i> region)			
	Miseon-COII-F (H1)	F	TTTGAAGTATCATTCAGC
	Miseon-COII-R (H1)	R	AATCGTCCTGGAATTGCGTC
gap 2 (3'-end of <i>ND5</i>)			
	Miseon-ASN-ND5-F (H1)	F	TAAAAAGAAGCACTTCACTG
	Miseon-ND5-R2 (H1)	R	GTTTTTTTGGTAATCAGGATATTCG
	Miseon-H3-ND5-END-F (H3)	F	TTTAAGAACCATATAGAAGT
	Miseon-H3-ND5-END-R (H3)	R	AACCATTGTTTATAGATTGCG
gap 3 (5'-end of <i>ND5</i>)			
	Miseon-ND5-2ND-F1 (H1)	F	ATAAACACAGTAACAAGACCTG
	Miseon-ND5-2ND-R2 (H1)	R	TTTTTTTTTCTGCTTGTATAG
	Miseon-ND5-START-F1 (H3)	F	AAAAACAAAATGGAAATTGAGCTC
	Miseon-ND5-START-R1 (H3)	R	ATTGGTGTTTGTGTAGTTCGTGA
gap 4 (5'-end of <i>ND4</i>)			
	Miseon-ND4-F1 (H1)	F	TAAATTGAACCAAATAAGACC
	Miseon-ND4-R2 (H1)	R	GATTAGTTTTAGTTCGTAAGCA
gap 5 (3'-end of <i>lrRNA</i>)			
	Miseon-16S-F2 (H1)	F	AAAAAATTAATCGAATTCATGTC
	Miseon-12S-R2 (H1)	R	ATTTTAAATGATATCCACGA

^aF and R, forward and reverse direction of transcription.

Note that all gap regions except for gap 2 were sequenced after cloning.

With parenthesis indicates the primers designed to target corresponding haplotypes.