Table S1. Specific primers used to amplify the mitogenomes of *Phraortes liaoninggensis*.

Number	Primer name	Sequence (5'-3')	Product length (bp)
1	14ZJC1-J-975	CAAGCAAGACTAAACTTAAAGGA	1251
	14ZJC1-N-2226	TGGGCTCATACTACAAAACC	
2	14ZJC1-J-3206	TATGCTACACCATCACTAC	4268
	14ZJC1-N-7474	CTAATCGTGTTGGTGACTGT	
3	14ZJC1-J-8034	TAAGGGAAATCAATGCAA	653
	14ZJC1-N-8687	TGAGGCTCCTGTATCTGG	
4	14ZJC1-J-10418	GTCGGAATGTAAATAATGGGTG	548
	14ZJC1-N-10966	GGCTGGGGTAAAGTTATCTGG	
5	14ZJCI-J-13546	CTGATACAAAAGGTACGAAA	546
	14ZJC1-N-14092	AGTCCTCGTTTTATCTTTCT	
6	14ZJC1-J-13871	GTGACGGGCGATATGTAC	3575
	14ZJC1-N-704	TCGTAATGATGTTTGGTTT	