

Table S1. Molecular diversity for all *G. longipes* sequences (124 from the present study and 13 from databases). (*n*) number of sequences, (*h*) the number of different haplotypes, (*S*) the number of polymorphic sites, (*Hd*) the haplotype diversity with the standard deviation and ($\pi \times 100$) the nucleotide diversity multiplied by 100, with the standard deviation.

Parameters	Sequences of this research	Total number of sequences (137)
<i>n</i>	124	137
<i>h</i>	7	8
<i>S</i>	5	6
<i>Hd</i>	0.695±0.031	0.717±0.025
$\pi \times 100$	0.189±0.014	0.199±0.013

Table S2. Description of the eight haplotypes of *G. longipes* observed based in their nucleotide composition at the polymorphic sites. All sequences were aligned presenting a total length of 572 bp. Polymorphic sites are referred to this length.

Haplotype	Nucleotide composition at the polymorphic sites
Reference	49 (A), 286 (G), 292 (C), 367 (G), 424 (C), 496 (A)
Glon_1	286 (A/G)
Glon_2	286 (G)
Glon_3	286 (A), 367 (T)
Glon_4	286 (A), 49 (G)
Glon_5	286 (A), 292 (T), 496 (G)
Glon_6	286 (A), 367 (G/T)
Glon_7	286 (A/G), 367 (G/T)
Glon_8	286 (A), 367 (T), 424 (A)