**Development of *Phasmarhabditis hermaphrodita* (and members of the *Phasmarhabditis* genus) as new genetic model nematodes to study the genetic basis of parasitism**

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**Fig. S1.** PCR product of COI gene based on primers by Read *et al.* (2006) from DNA that was extracted and amplified from *Phasmarhabditis hermaphrodita* DMG0001 (lane 1), DMG0002 (2), B30 (3), DMG0003 (4), DMG0004 (5), DMG0005 (6), DMG0006 (7), DMG0007 (8), DMG0008 (9), DMG0009 (10), DMG0010 (11), DMG0011 (12), *P. neopapillosa* DMG0012 (13), DMG0013 (14), *P. hermaphrodita* AB46 (15), *P. neopapillosa* DMG0014 (16), DMG0015 (17), DMG0016 (18), *P. californica* DMG0017 (19), DMG0018 (20), DMG0019 (21), *C. elegans* N2 (22), *Acrobeloides* sp. (23), *Cervidellus vexilliger* (24), *Aphelenchus avenae* (25), *Pelodera teres* (26), *Pristionchus entomophagus* (27), *Pristionchus uniformis* (28), *Steinernema feltiae* (29), *Steinernema carpocapsae* (30), *Panagrellus redivivus* (31), *Heterorhabditis bacteriophora* (32), negative control (water as template) (33) and positive control (*P. hermaphrodita* DMG0001 DNA) (34). L = 1 kb DNA Ladder.