

Supplemental material

Figure S1. Schematic position on their target of PCR primers used for the molecular diagnosis of congenital toxoplasmosis in France (2002-2005) for the two main DNA targets (B1 gene and rep529). **A.** Nucleotide sequence of the B1 gene (GenBank Accession # AF179871) from (7). Primer sequences from Pelloux et al. (28) red and (>), Robert et al. (30) blue and (-), Burg et al. (7) brown and (#), Lin et al. (26) purple and (~), Foudrinier et al. (20) blue and (.), Costa et al. (14) green and (:), Bretagne et al. (6) brown and (<), and unpublished primer pair from Morin and Miegville pink and (<>) are located under the B1 sequence. The primer sequences are in capital letters; where two primers overlap, this is indicated by an uppercase to lowercase letter change in the overlapping segment. **B.** Nucleotide sequence of the rep529 element (GenBank Accession # AF146527 from Homan et al. (23) and AF487550 (in bold) from Reischl et al. (29)). Primer sequences from Homan et al. (23) red > signs, Reischl et al. (29) green * signs, Cassaing et al. (8) blue - signs, and Fekkar et al. (18) brown # signs, are located under the rep529 sequence. The three mismatches between both sequences are underlined (C/T 137, A/G 160, C/T 391) and two gaps are double-underlined (G and A are lacking in AF487550 in position 277 and 370 respectively). Primers from Reischl et al. (29), Cassaing et al. (8) and Fekkar et al. (18) were designed on one mismatch (C/T 391) and the forward primer from Cassaing et al. (8) was designed on region 269 to 287 that encompasses one of the gaps. It is noteworthy that three unpublished primer sequences (one for B1 and two for rep529) remain and are not shown.

