

SUPPLEMENTAL TABLE 1  
Uncorrected pairwise interspecific divergences (%) for each gene fragment\*

A: 16S																					
(256bp)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1: Tbar																					
2: Tbra	4.4																				
3: Tcar	3.6	5.2																			
4: Tcir	4.0	4.8	1.2																		
5: Tcos	3.2	5.2	4.8	5.2																	
6: Tgar	4.4	<b>8.7</b>	7.9	8.3	6.7																
7: Tguas	4.8	5.2	2.4	2.0	5.2	8.3															
8: Tguaz	1.2	4.0	4.0	4.4	3.2	4.8	4.4														
9: Tinf	4.8	6.0	5.6	6.0	6.0	7.9	6.0	5.2													
10: Tjua	4.4	7.9	6.3	6.7	6.3	3.2	7.5	4.8	7.9												
11: Tklu	3.6	5.2	1.2	1.6	4.0	7.9	2.0	4.0	6.0	6.3											
12: Tmac	3.6	6.3	6.3	6.7	5.2	7.5	7.5	4.8	6.0	7.5	5.6										
13: Tmat	4.4	7.9	6.3	6.7	7.1	2.4	6.7	4.8	7.5	1.6	6.3	7.5									
14: Tpat	4.0	5.2	2.8	2.4	6.0	8.3	3.6	4.4	7.1	7.5	3.2	6.0	7.5								
15: Tpse	3.2	6.0	6.0	6.3	4.8	7.1	7.1	4.4	5.6	7.1	5.2	<b>0.4</b>	7.1	5.6							
16: Trub	3.6	4.8	1.6	2.0	5.6	7.9	2.4	3.2	5.6	6.3	2.0	6.3	6.3	3.6	6.0						
17: Tshe	4.0	1.2	6.0	5.6	4.8	8.3	6.0	4.4	6.3	8.3	5.2	5.2	8.3	5.6	4.8	5.6					
18: Tsor	4.4	7.1	7.1	7.5	7.1	2.8	8.3	4.0	<b>8.7</b>	3.6	7.1	7.5	2.8	7.5	7.1	6.3	7.5				
19: Tvan	4.0	7.5	6.0	6.3	6.7	2.8	7.1	4.4	7.5	1.2	6.0	7.1	1.2	7.1	6.7	6.0	7.9	2.4			
20: Twil	1.6	4.0	3.6	4.0	3.6	6.0	4.8	1.2	6.0	5.2	3.6	4.4	5.2	4.8	4.0	2.8	4.8	4.4	4.8		
21: Pmeg	11.1	10.7	12.3	11.9	12.3	14.3	11.5	12.3	12.3	13.5	12.3	10.7	12.7	11.5	10.3	12.7	11.1	14.7	13.1	11.5	
22: Rpro	17.9	19.4	19.4	20.2	17.9	19.4	19.8	17.9	18.7	20.6	19.4	18.7	20.2	19.8	18.3	19.8	19.8	21.0	20.2	17.9	21.0

  

B: Cytb																				
(313 bp)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
1: Tbar																				
2: Tbra	17.6																			
3: Tcos	14.3	18.4																		
4: Tguas	12.5	14.7	13.6																	
5: Tguaz	11.8	16.2	14.7	12.9																
6: Tinf	18.8	14.0	15.8	16.9	15.8															
7: Tjua	17.6	8.1	17.3	14.3	16.5	16.2														
8: Tklu	15.8	16.2	15.1	12.5	10.7	12.9	16.2													
9: Tmac	14.3	15.1	17.3	15.1	12.5	15.4	15.4	12.1												
10: Tmat	14.3	16.2	16.2	4.8	13.6	17.6	14.0	12.5	14.3											
11: Tmel	16.5	9.6	16.5	14.3	16.9	13.2	11.0	15.1	14.3	15.4										
12: Tpse	14.3	14.3	16.5	14.3	12.5	14.7	14.7	11.4	<b>0.7</b>	13.6	13.6									
13: Trub	14.3	16.5	15.1	12.5	10.7	13.2	15.8	2.6	12.9	12.5	14.7	12.1								
14: Tsh	14.7	12.5	18.0	17.3	17.3	16.9	11.8	18.8	16.5	18.0	9.9	16.5	18.4							
15: Tsor	14.0	19.1	18.0	7.7	13.2	19.5	17.3	14.3	15.8	8.1	18.4	15.1	14.3	<b>21.3</b>						
16: Twil	11.4	16.5	14.3	12.5	1.1	15.4	16.9	10.3	12.9	12.5	17.3	12.1	10.3	18.4	12.1					
17: Pmeg	21.3	20.2	22.1	21.7	18.8	19.1	19.5	20.6	18.8	21.0	22.4	18.0	19.9	22.4	19.9	17.6				
18: Rpro	18.8	21.0	22.1	21.3	17.6	18.0	21.0	20.2	18.4	21.7	22.8	17.6	18.4	21.3	22.1	17.3	21.3			

  

C: COI																
(202 bp)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1: Tbar																
2: Tcar	13.7															
3: Tcir	15.0	3.1														
4: Tcos	20.9	14.7	13.4													
5: Tguas	16.8	8.5	7.4	13.3												
6: Tguaz	11.9	8.6	8.6	13.4	10.3											
7: Tinf	20.1	14.8	14.8	16.7	18.6	17.4										
8: Tmac	17.3	18.7	20.0	19.9	17.4	19.3	23.6									
9: Tmat	19.4	15.1	13.2	16.9	11.3	13.8	25.8	17.4								
10: Tpse	16.9	8.6	10.4	12.1	14.0	11.0	14.9	20.8	18.5							
11: Trub	11.9	3.6	2.5	14.1	9.1	9.2	15.4	18.7	13.8	9.8						
12: Tshe	7.4	16.2	16.2	20.9	16.8	16.9	18.7	20.0	20.7	18.2	14.3					
13: Tsor	17.4	13.2	11.4	19.1	12.0	13.2	<b>22.9</b>	15.5	5.7	14.6	12.0	18.7				
14: Tvan	14.9	11.0	7.4	11.5	10.4	7.4	16.0	19.4	12.0	10.3	8.0	16.2	11.4			
15: Twil	13.7	9.2	8.0	14.1	9.7	<b>1.5</b>	18.0	19.3	14.5	10.4	8.6	18.9	12.6	6.9		
16: Pmeg	22.4	21.1	20.4	21.1	17.8	23.1	22.4	14.8	20.4	20.4	20.4	22.5	19.8	18.5	21.1	
17: Rpro	25.1	26.4	25.7	29.4	24.4	25.0	23.1	27.4	28.0	27.9	25.0	25.9	25.1	26.5	25.0	22.4

\*P-distances mentioned in the text are in bold.  
Tbar = *Triatoma baratai*; Tbra = *T. braziliensis*; Tcar = *T. carvalhoi*; Tcir = *T. circummaculata*; Tcos = *T. costalimai*; Tgar = *T. garciabesi*; Tguas = *T. guasayana*; Tguaz = *T. guazu*; Tinf = *T. infestans*; Tjua = *T. juazeirensis*; Tklu = *T. klugi*; Tmac = *T. maculata*; Tmat = *T. matogrossensis*; Tpat = *T. patagonica*; Tpse = *T. pseudomaculata*; Trub = *T. rubrovaria*; Tshe = *T. sherlocki*; Tsor = *T. sordida*; Tvan = *T. vanda*; Twil = *T. williamsi*; Pmeg = *Panstrongylus megistus*; Rpro = *Rhodnius prolixus*.