

Table S2. Overview table of corrected pairwise genetic distance between species representing each genus of the Toxoplasmatinae subfamily (clade A, see Figure 1A), based on the alignment of 718 base pairs (bp) of 22 sequences of the 18S rRNA gene.

	<i>Hyaloklossia</i> sp.	Sarcocystidae sp. <sup>a</sup>	Sarcocystidae sp. <sup>b</sup>	Apicomplexa sp. <sup>b</sup>	<i>Cystoisospora</i> sp.	<i>Besnoitia</i> sp.	<i>Nephroisospora</i> <i>eptesici</i>	Toxoplasmatinae gen. sp. P99	<i>Neospora</i> <i>caninum</i>	<i>Hammondia</i> sp.	<i>Hammondia</i> <i>hammondi</i>	<i>Toxoplasma</i> <i>gondii</i>
<i>Hyaloklossia</i> sp.	0.0038											
Sarcocystidae sp. <sup>a</sup>	0.0537	N/A										
Sarcocystidae sp. <sup>b</sup>	0.0371	0.0479	N/A									
Apicomplexa sp. <sup>b</sup>	0.0866	0.1588	0.0609	N/A								
<i>Cystoisospora</i> sp.	0.0354	0.0522	0.0473	0.1360	0.0112							
<i>Besnoitia</i> sp.	0.0366	0.0641	0.0497	0.1330	0.0306	0.0126						
<i>Nephroisospora eptesici</i>	0.0488	0.0699	0.0582	0.1451	0.0359	0.0349	N/A					
Toxoplasmatinae gen. sp. P99	0.0456	0.0604	0.0359	0.1389	0.0320	0.0294	0.0371	N/A				
<i>Neospora caninum</i>	0.0399	0.0639	0.0532	0.1388	0.0300	0.0206	0.0293	0.0221	N/A			
<i>Hammondia</i> sp.	0.0400	0.0641	0.0455	0.1312	0.0301	0.0207	0.0293	0.0190	0.0024	0.000001		
<i>Hammondia hammondi</i>	0.0400	0.0681	0.0481	0.1366	0.0301	0.0207	0.0264	0.0221	0.0024	0.0024	N/A	
<i>Toxoplasma gondii</i>	0.0416	0.0701	0.0507	0.1377	0.0301	0.0207	0.0250	0.0236	0.0036	0.0036	0.0012	N/A

<sup>a</sup> Sarcocystidae sp. from American opossums.

<sup>b</sup> Sarcocystidae sp. from Australian opossums.