

Parasites	CytB	Cox1	Hosts		
<i>P. reichenowi</i> Bana ⁽¹⁾	EU560453 ^(j)	-	<i>Pan troglodytes</i>	Great Ape	
<i>P. reichenowi</i> Nino ⁽¹⁾	EU560454 ^(j)	-	<i>Pan troglodytes</i>		
<i>P. reichenowi</i> Max ⁽¹⁾	EU560455 ^(j)	-	<i>Pan troglodytes</i>		
<i>P. reichenowi</i> Rafiki1 ⁽¹⁾	EU560456 ^(j)	-	<i>Pan troglodytes</i>		
<i>P. reichenowi</i> Dibamba ⁽¹⁾	EU560457 ^(j)	-	<i>Pan troglodytes</i>		
<i>P. reichenowi</i> Rafiki2 ⁽¹⁾	EU560458 ^(j)	-	<i>Pan troglodytes</i>		
<i>P. reichenowi</i> Loukoum ⁽¹⁾	EU560459 ^(j)	-	<i>Pan troglodytes</i>		
<i>P. reichenowi</i> Gabon ⁽¹⁾	EU560466 ^(j)	-	<i>Pan troglodytes</i>		
<i>P. atheruri</i>	AY099054 ^(a)	DQ414588 ^(b)	<i>Atherurus africanus</i>	Rodent	
<i>P. chabaudi</i> adami	AB379670 ^(c)	DQ414591 ^(b)	<i>Thamnomys rutilans</i>		
<i>P. chabaudi</i> chabaudi	DQ414649 ^(b)	XM.740254 ^(d)	<i>Thamnomys rutilans</i>		
<i>P. vinckei</i>	DQ414650 ^(b)	DQ414595 ^(b)	<i>Grammomys surdaster</i>		
<i>P. vinckei</i> vinckei	DQ414651 ^(b)	DQ414596 ^(b)	<i>Grammomys surdaster</i>		
<i>P. vinckei</i> brucechwatti	DQ414652 ^(b)	DQ414597 ^(b)	<i>Praomys tullbergi</i>		
<i>P. vinckei</i> lentum	DQ414653 ^(b)	DQ414598 ^(b)	<i>Thamnomys rutilans</i>		
<i>P. vinckei</i> petteri	DQ414655 ^(b)	DQ414600 ^(b)	<i>Thamnomys rutilans</i>		
<i>P. yoelii</i> killicki	DQ414658 ^(b)	DQ414603 ^(b)	<i>Thamnomys rutilans</i>		
<i>P. yoelii</i> nigeriensis	DQ414659 ^(b)	DQ414604 ^(b)	<i>Thamnomys rutilans</i>		
<i>He. sp.</i>	AF069626 ^(e)	-	<i>Papio nubensis</i>		Primate
<i>He. sp.</i> MFRC11	EU400408 ^(f)	-	<i>Macaca fascicularis</i>		
<i>He. sp.</i> LDFB ⁽¹⁾	EU254526 ^(g)	EU254569 ^(g)	<i>Cynocephalus brachyotis</i>	Bat	
<i>He. sp.</i> MB3 ⁽¹⁾	EU254528 ^(g)	EU254571 ^(g)	<i>Nanonycteris veldkampii</i>		
<i>He. sp.</i> MB6 ⁽¹⁾	EU254527 ^(g)	EU254570 ^(g)	<i>Nanonycteris veldkampii</i>		
<i>He. sp.</i>	FJ168565 ⁽ⁱ⁾	FJ168565 ⁽ⁱ⁾	<i>Pteropus hypomelanus</i>		
<i>P. azurophilum</i> R ⁽¹⁾	EU254532 ^(g)	EU254575 ^(g)	<i>Anolis oculatus</i>	Lizard	
<i>P. azurophilum</i> W ⁽¹⁾	EU254533 ^(g)	EU254576 ^(g)	<i>Anolis oculatus</i>		
<i>P. sp.</i> br67 ⁽¹⁾	EU254537 ^(g)	EU254580 ^(g)	<i>Ameiva ameiva</i>		
<i>P. sp.</i> circ ⁽¹⁾	EU254531 ^(g)	EU254574 ^(g)	<i>Egernia stokesii</i>		
<i>P. (Bennettinia) sp.</i> PJ4 ⁽¹⁾	EF011198 ^(h)	EF011231 ^(h)	<i>Gallus gallus</i>	Bird	
<i>P. (Giovannolaia) sp.</i> 1536 ⁽¹⁾	EF011187 ^(h)	EF011220 ^(h)	<i>Seiurus noveboracensis</i>		
<i>P. (Giovannolaia) sp.</i> 1542 ⁽¹⁾	EF011188 ^(h)	EF011221 ^(h)	<i>Turdus migratorius</i>		
<i>P. (Haemamoeba) sp.</i> 594 ⁽¹⁾	EF011176 ^(h)	EF011209 ^(h)	<i>Spizella passerina</i>		
<i>P. (Haemamoeba) sp.</i> P121 ⁽¹⁾	EF011194 ^(h)	EF011227 ^(h)	<i>Emberiza hortulana</i>		
<i>P. (Haemamoeba) sp.</i> 805 ⁽¹⁾	EF011179 ^(h)	EF011212 ^(h)	<i>Zonotrichia albicollis</i>		
<i>P. (Haemamoeba) sp.</i> 891 ⁽¹⁾	EF011180 ^(h)	EF011213 ^(h)	<i>Dendroica coronata</i>		
<i>P. (Huffia) sp.</i> 182 ⁽¹⁾	EF011168 ^(h)	EF011201 ^(h)	<i>Melospiza melodia</i>		
<i>P. (Novyella) sp.</i> 318 ⁽¹⁾	EF011171 ^(h)	EF011204 ^(h)	<i>Agelaius phoeniceus</i>		
<i>P. (Novyella) sp.</i> 513 ⁽¹⁾	EF011173 ^(h)	EF011206 ^(h)	<i>Seiurus aurocapilla</i>		
<i>P. (Novyella) sp.</i> 608 ⁽¹⁾	EF011177 ^(h)	EF011210 ^(h)	<i>Turdus migratorius</i>		
<i>P. relictum</i> P113 ⁽¹⁾	EF011193 ^(h)	EF011226 ^(h)	<i>Emberiza hortulana</i>		
<i>P. relictum</i> B170 ⁽¹⁾	EU254538 ^(g)	EU254581 ^(g)	<i>Sialia mexicana</i>		
<i>P. relictum</i> 1 ⁽¹⁾	EU254536 ^(g)	EU254579 ^(g)	<i>Zenaidura macroura</i>		
<i>P. sp.</i> 1271 ⁽¹⁾	EU254544 ^(g)	EU254587 ^(g)	<i>Hylocichla mustelina</i>		
<i>P. sp.</i> 1393 ⁽¹⁾	EU254539 ^(g)	EU254582 ^(g)	<i>Accipiter striatus</i>		
<i>P. sp.</i> 1937 ⁽¹⁾	EU254545 ^(g)	EU254588 ^(g)	<i>Turdus migratorius</i>		
<i>P. sp.</i> 2375 ⁽¹⁾	EU254543 ^(g)	EU254586 ^(g)	<i>Aegolius acadicus</i>		
<i>P. sp.</i> Inca ⁽¹⁾	EU254547 ^(g)	EU254590 ^(g)	<i>Larosterna inca</i>		
<i>P. sp.</i> myna ⁽¹⁾	EU254542 ^(g)	EU254585 ^(g)	<i>Acridotheres tristis</i>		
<i>P. sp.</i> P159 ⁽¹⁾	EU254541 ^(g)	EU254584 ^(g)	<i>Ixobrychus minutus</i>		
<i>P. sp.</i> P164 ⁽¹⁾	EU254546 ^(g)	EU254589 ^(g)	<i>Anthus trivialis</i>		
<i>P. sp.</i> P166 ⁽¹⁾	EU254540 ^(g)	EU254583 ^(g)	<i>Luscinia svecica</i>		

Supplementary Table S6: **Additional mitochondrial genes.** Accession numbers of 51, 41 and 1 additional CytB, Cox1 and Cox3 genes, respectively, and parasite and host names (¹ partial CytB genes). References: (^a) Perkins and Schall (2002) [6]; (^b) Perkins et al. (2007) [37]; (^c) Cheesman et al. (2009) [76]; (^d) Hall et al. (2005) [77]; (^e) Escalante et al. (1998) [21]; (^f) Seethamchai et al. (2008) [78]; (^g) Martinsen et al. (2008) [36]; (^h) Martinsen et al. (2007) [79]; (ⁱ) CytB + Cox1 + Cox3, Perkins (2008) [23]; (^j) Rich et al. (2009) [26]. Abbreviation: “P.”: *Plasmodium* species, “He.”: *Hepatoctystis* species.