

Table S2 Nonsynonymous and synonymous polymorphism and divergence across the long alignment

Comparison	P _N	P _S	D _N	D _S	DoS ^a	M-K ^b
All ape parasite species	21	22	248	67	0.299	0.017
<i>P. falciparum</i> vs	10	0	12	4	-0.250	0.14
<i>P. falciparum</i> vs <i>P. adleri</i>	10	2	22	4	0.013	1.0
<i>P. falciparum</i> vs <i>P. gaboni</i>	19	8	51	20	0.015	1.0
<i>P. praefalciparum</i> vs <i>P. adleri</i>	2	2	20	6	0.269	0.28
<i>P. praefalciparum</i> vs <i>P. gaboni</i>	11	8	51	19	0.150	0.26
<i>P. adleri</i> vs <i>P. gaboni</i>	11	10	56	18	0.233	0.06
<i>P. reichenowi</i> vs <i>P. billcollinsi</i>	9	12	101	26	0.367	<0.001

^aDoS calculated as $D_N/(D_N+D_S) - P_N/(P_N+P_S)$ (34).

^bP values from the M-K test (23) in a Fisher exact test.