

Parasites	ClpC	ASL	Hosts
<i>P. falciparum</i> ^(a)	X87631	XM_001349541	Great Ape
<i>P. berghei</i> ^(a)	AF348337	AF262049	
<i>P. chabaudi</i> ^(a)	AY634622	XM_738483	Rodent
<i>P. yoelii yoelii</i> ^(a)	AY634624	XM_721443	
<i>P. vivax</i> ^(a)	AF348344	AF262051	
<i>P. knowlesi</i> ^(a)	AF348341	AF262052	
<i>P. cynomolgi</i>	AB471873	AF262054	
<i>P. fieldi</i>	AB471875	-	
<i>P. simiovale</i>	AB471881	-	
<i>P. inui</i>	AB471879	-	Primate
<i>P. hylobati</i>	AB471878	-	
<i>P. fragile</i>	AB471876	-	
<i>P. coatneyi</i>	AB471872	EU254704	
<i>P. gonderi</i>	AB471877	-	
<i>P. ovale</i>	AY634623	-	
<i>P. malariae</i>	AF348342	-	
<i>P. gallinaceum</i> ^(a)	AF348340	AF262053	
<i>P. mexicanum</i>	EU254619	EU254674	
<i>P. relictum</i>	EU254626	EU254682	
<i>P. floridense</i>	EU254620	EU254675	
<i>P. juxtannucleare</i>	AB435378	-	
<i>Ha. syrnii</i>	EU254643	-	
<i>Ha. sp. 1774</i>	EU254660	-	
<i>Ha. sp. LV13Ecu</i>	FJ467607	-	Sauria
<i>Ha. columbae</i>	EU254652	EU254702	
<i>Ha. belopolskyi</i>	-	EU254710	
<i>Ha. fringillae</i>	-	EU254711	
<i>L. sp. 2208</i>	EU254611	EU254665	
<i>L. sp. 2109</i>	EU254609	EU254663	
<i>L. sp. P157</i>	-	EU254664	

Supplementary Table S7: **Accession numbers of ClpC and ASL genes.** Accession number of 27 ClpC and 18 ASL genes. ^(a): Taxa used for the estimation of the length of the 7-taxa tree.