

Table S2. GenBank accession numbers of partial *18S* rRNA gene sequences and parasite species used in the phylogenetic analysis of avian *Lankesterella* (see Fig. 5).

GenBank accession number	Parasite species
AF109678	<i>Besnoitia besnoiti</i>
EF210324	<i>Eimeria acervulina</i>
AF324212	<i>Eimeria adeneodei</i>
U67116	<i>Eimeria brunetti</i>
KT184338	<i>Eimeria dispersa</i>
KT184344	<i>Eimeria gallopavonis</i>
EF210322	<i>Eimeria máxima</i>
AF041437	<i>Eimeria meleagriditis</i>
U40262	<i>Eimeria mitis</i>
KT184349	<i>Eimeria necatrix</i>
AF026388	<i>Eimeria tenella</i>
AF009245	<i>Frenkelia glareoli</i>
AF009244	<i>Frenkelia microti</i>
FJ009242	<i>Goussia neglecta</i>
FJ009241	<i>Goussia noelleri</i>
HQ224959	<i>Haemogregarina balli</i>
KM887508	<i>Haemogregarina pellegrini</i>
KF257927	<i>Haemogregarina stepanowi</i>
MK650632	<i>Haemoproteus columbae</i>
KT184369	<i>Hammondia hammondi</i>
HQ224961	<i>Hemolivia mariae</i>
KF992706	<i>Hemolivia mauritanica</i>
KP881349	<i>Hemolivia stellata</i>
AF176836	<i>Hepatozoon americanum</i>
AY461378	<i>Hepatozoon canis</i>
AF176837	<i>Hepatozoon catesbianae</i>
AY620232	<i>Hepatozoon felis</i>
JN181157	<i>Hepatozoon sipedon</i>
KF022102	<i>Hepatozoon peircei</i>
KF648870	<i>Isospora greineri</i>
AF080612	<i>Isospora robini</i>
KF648871	<i>Isospora superbusi</i>
AF080611	<i>Lankesterella mínima</i>
MF167547	<i>Lankesterella</i> sp.
MF167548	<i>Lankesterella</i> sp.
KU180248	<i>Lankesterella</i> sp.
MF167544	<i>Lankesterella</i> sp.
MF167555	<i>Lankesterella</i> sp.
MF167552	<i>Lankesterella</i> sp.
MF167554	<i>Lankesterella</i> sp.
KJ131417	<i>Lankesterella</i> sp.
MF167545	<i>Lankesterella</i> sp.
MF167546	<i>Lankesterella</i> sp.
MF167549	<i>Lankesterella</i> sp.
MF167551	<i>Lankesterella</i> sp.
MF167550	<i>Lankesterella</i> sp.
MF167553	<i>Lankesterella</i> sp.
MG808272	<i>Lankesterella</i> sp.
MG808274	<i>Lankesterella</i> sp.

MG808273	<i>Lankesterella sp.</i>
DQ390207	<i>Lankesterella valsainensis</i>
MK650741	<i>Leucocytozoon sp.</i>
MK650564	<i>Plasmodium elongatum</i>
MK650600	<i>Plasmodium homocircumflexum</i>
MK650484	<i>Plasmodium relictum</i>
AF017121	<i>Sarcocystis buffalonis</i>
AF017120	<i>Sarcocystis cruzi</i>
AF017122	<i>Sarcocystis hirsuta</i>
AF006470	<i>Sarcocystis hominis</i>
KJ131415	<i>Schellackia bolivari</i>
KJ131414	<i>Schellackia orientalis</i>
L37415	<i>Toxoplasma gondii</i>
