

Attachment

Table 1: Reference sequences used for phylogenetic analyses included from Genbank in.

Accession Nr. NCBI	genetic identification	reference	comments
MK343701	<i>Rh. sanguineus</i> s.s.	Chitimia-Dobler et al. 2019	
KC243846	<i>Rh. sanguineus</i> s.s.	Dantas-Torres et al. 2013	referred as sensu stricto by Chitimia-Dobler, et. al. 2017
JX304689	<i>Rh. sanguineus</i> s.s.	René- Martellet et al. 2015	
MH630342	<i>Rh. sanguineus</i> s.s. Neotype	Nava et al. 2018	designated neotype
JQ362408	<i>Rh. sanguineus</i> s.l. type II temperate lineage	Rene et al. 2012	assigned to sensu stricto
KY413793	<i>Rh. sanguineus</i> s.l. southeast lineage	Chitimia-Dobler et al. 2017	referred as southeast lineage
KC243841	<i>Rh. sanguineus</i> s.l. type I	Dantas-Torres et al. 2013	referred as southeast lineage by Chitimia Dobler, et. al. 2017
KY945493	<i>Rh. sanguineus</i> s.l. Egypt	Senbill et al. 2022	
OQ184022	<i>Rh. rutilus</i> new species identification	Slapeta et al. 2023	
GU553079	<i>Rh. sanguineus</i> s.l. tropical lineage	Moares-Filho et al. 2011	
MW429381	<i>Rh. linnaei</i> new species identification	Slapeta et al. 2021	
JX997389	<i>Rh. sanguineus</i> s.l. tropical lineage	Sanches et al. 2012	
KU183522	<i>Rh. turanicus</i> s.s.	Xu et al. 2015	
KY583067	<i>Rh. turanicus</i>	Li et al. 2017	
KC170743	<i>Rh. haemaphysaloides</i>	Sumrandee et al. 2012	
KU895511	<i>Rh. haemaphysaloides</i>	Nimisha et al. 2019	
AJ002957	<i>Rh. pusillus</i>	Marquez et al. 1997	outgroup
AJ002956	<i>Rh. bursa</i>	Marquez et al. 1997	outgroup
MK737647	<i>Rh. microplus</i>	Abdullah et al. 2019	outgroup
L34316	<i>Amblyomma hebraeum</i>	Black et al. 1994	outgroup