

Table S1. List of sequences used in the present study

Acc number	Location	Year	Host/Vector
MH699890	Serbia	2013	<i>Vulpes vulpes</i>
PP711250	Serbia	2020	<i>Canis aureus</i>
MH699886	Serbia	2013	<i>Vulpes vulpes</i>
MH699888	Serbia	2013	<i>Vulpes vulpes</i>
MH699885	Serbia	2011	<i>Vulpes vulpes</i>
MH699892	Serbia	2011	<i>Vulpes vulpes</i>
MH699887	Serbia	2011	<i>Vulpes vulpes</i>
MH699891	Serbia	2013	<i>Vulpes vulpes</i>
MH699889	Serbia	2011	<i>Vulpes vulpes</i>
MH699884	Serbia	2010	<i>Vulpes vulpes</i>
OP012801	Serbia	2017	<i>Canis lupus</i>
OP012799	Serbia	2016	<i>Canis lupus</i>
PP711229	Serbia	2014	<i>Canis aureus</i>
PP711228	Serbia	2020	<i>Canis aureus</i>
PP711227	Serbia	2010	<i>Canis aureus</i>
PP711226	Serbia	2017	<i>Canis aureus</i>
PP711225	Serbia	2017	<i>Canis aureus</i>
PP711224	Serbia	2013	<i>Canis aureus</i>
PP711223	Serbia	2019	<i>Canis aureus</i>
PP711222	Serbia	2013	<i>Canis aureus</i>
PP711221	Serbia	2014	<i>Canis aureus</i>
PP711220	Serbia	2019	<i>Canis aureus</i>
PP711219	Serbia	2015	<i>Canis aureus</i>
PP711218	Serbia	2010	<i>Canis aureus</i>
PP711217	Serbia	2011	<i>Canis aureus</i>
PP711216	Serbia	2019	<i>Canis aureus</i>
OP012787	Serbia	2016	<i>Canis lupus</i>
OQ262961	Serbia	2011	<i>Apodemus flavicollis</i>
OP012778	Serbia	2012	<i>Canis lupus</i>
OP012782	Serbia	2011	<i>Canis lupus</i>
PP711230	Serbia	2014	<i>Canis aureus</i>
PP711231	Serbia	2020	<i>Canis aureus</i>
PP711232	Serbia	2013	<i>Canis aureus</i>
PP711233	Serbia	2014	<i>Canis aureus</i>
PP711234	Serbia	2020	<i>Canis aureus</i>
PP711236	Serbia	2017	<i>Canis aureus</i>
PP711245	Serbia	2013	<i>Canis aureus</i>
PP711246	Serbia	2013	<i>Canis aureus</i>
PP711244	Serbia	2020	<i>Canis aureus</i>
PP711237	Serbia	2013	<i>Canis aureus</i>
PP711238	Serbia	2013	<i>Canis aureus</i>
PP711239	Serbia	2019	<i>Canis aureus</i>
PP711240	Serbia	2013	<i>Canis aureus</i>
PP711241	Serbia	2017	<i>Canis aureus</i>

PP711242	Serbia	2020	<i>Canis aureus</i>
MZ146329	Serbia	2019	<i>Rhipicephalus sanguineus</i>
OP012788	Serbia	2016	<i>Canis lupus</i>
OP012794	Serbia	2012	<i>Canis lupus</i>
PP711247	Serbia	2017	<i>Canis aureus</i>
PP711249	Serbia	2020	<i>Canis aureus</i>
PP711243	Serbia	2010	<i>Canis aureus</i>
PP711235	Serbia	2020	<i>Canis aureus</i>
OP012777	Serbia	2012	<i>Canis lupus</i>
OP012798	Serbia	2017	<i>Canis lupus</i>
PP711248	Serbia	2010	<i>Canis lupus</i>
OP012790	Serbia	2014	<i>Canis lupus</i>
OP012800	Serbia	2017	<i>Canis lupus</i>
OP012779	Serbia	2017	<i>Canis lupus</i>
OP012792	Serbia	2016	<i>Canis lupus</i>
OP012775	Serbia	2014	<i>Canis lupus</i>
OP012773	Serbia	2014	<i>Canis lupus</i>
OP012783	Serbia	2019	<i>Canis lupus</i>
OP012793	Serbia	2012	<i>Canis lupus</i>
OP012781	Serbia	2014	<i>Canis lupus</i>
OP012780	Serbia	2014	<i>Canis lupus</i>
OP012791	Serbia	2017	<i>Canis lupus</i>
OP012797	Serbia	2012	<i>Canis lupus</i>
OP012802	Serbia	2010	<i>Canis lupus</i>
OP012774	Serbia	2011	<i>Canis lupus</i>
OP012776	Serbia	2018	<i>Canis lupus</i>
OP012795	Serbia	2016	<i>Canis lupus</i>
OP012786	Serbia	2014	<i>Canis lupus</i>
OP012789	Serbia	2015	<i>Canis lupus</i>
OP012785	Serbia	2014	<i>Canis lupus</i>
OP012784	Serbia	2015	<i>Canis lupus</i>
OP012796	Serbia	2017	<i>Canis lupus</i>
MZ930460	Serbia	2018	<i>Canis lupus familiaris</i>