

**Supplementary Table S1.** Occurrence of species of the genus *Cryptosporidium* infecting representatives of the subfamily Arvicolinae identified on the basis of microscopic<sup>1</sup> and molecular<sup>2</sup> tools amplifying partial sequences of small subunit ribosomal rRNA (SSU), *Cryptosporidium* oocyst wall protein (COWP), and 60 kDa glycoprotein (GP60) genes.

Host (common name)	Country	<i>Cryptosporidium</i> spp.	Loci for genotyping	No. of screened/positive	References
<i>Myodes gapperi</i> (southern red-backed vole)	USA	muskrat genotype I <sup>2</sup>	SSU	5/4	Feng et al. (2007)
		<i>Cryptosporidium</i> sp. <sup>1</sup>	–	301/19	Ziegler et al. (2007a)
		muskrat genotype II <sup>2</sup>	–	NS/1	
		<i>Cryptosporidium</i> sp. <sup>2</sup>	SSU	NS/6	Ziegler et al. (2007b)
		<i>C. parvum</i> <sup>2</sup>	–	NS/1	
		<i>Cryptosporidium</i> spp. <sup>2</sup>	SSU, actin	27/15	Stenger et al. (2018)
<i>Myodes glareolus</i> (bank vole)	Finland	<i>C. parvum</i> <sup>1</sup>	–	131/1	Laakkonen et al. (1994)
		<i>C. tyzzeri</i> <sup>2</sup>	COWP	12/5	Bajer et al. (2003)
	Poland	<i>C. parvum</i> <sup>1</sup>	–	459/324	Bajer et al. (2002)
		<i>Cryptosporidium</i> sp. <sup>1</sup>	–	8/5	Bednarska et al. (2007)
		<i>Cryptosporidium</i> spp. <sup>1</sup>	–	275/55	Sinski et al. (1998)
		<i>Cryptosporidium</i> spp. <sup>1</sup>	–	102/23	Sinski et al. (1993)
		<i>Cryptosporidium</i> spp. <sup>2</sup>	–	1523/819	Bajer (2008)
	Slovakia	<i>C. parvum</i> <sup>2</sup>	SSU, gp60	75/3	
		<i>C. scrofarum</i> <sup>2</sup>	SSU	75/4	
		environment isolate <sup>2</sup>	SSU	75/6	Danišová et al. (2017)
	Spain	muskrat genotype I <sup>2</sup>	SSU	75/3	
		<i>C. parvum</i> <sup>1</sup>	–	49/10	Torres et al. (2000)
	UK	<i>C. muris</i> <sup>1</sup>	–	49/2	
<i>C. muris</i> <sup>1</sup>		–	123/2	Chalmers et al. (1997)	
USA	<i>C. parvum</i> <sup>1</sup>	–	123/11		
	<i>Cryptosporidium</i> spp. <sup>2</sup>	SSU, actin	140/10	Stenger et al. (2018)	
<i>Myodes glareolus skomerensis</i> (Skomer bank vole)	UK	<i>C. parvum</i> <sup>1</sup>	–	114/9	
		<i>C. muris</i> <sup>1</sup>	–	114/55	Bull et al. (1998)
<i>Myodes rufocanus bedfordiae</i> (red-backed vole)	Japan	<i>Cryptosporidium</i> sp. Mrb001 <sup>2</sup>	SSU	NS	Unpublished (GenBank Acc. No. AB477098)
<i>Microtus agrestis</i> (field vole)	Finland	<i>Cryptosporidium</i> sp. <sup>1</sup>	–	131/1	Laakkonen et al. (1994)
	Czech Republic	<i>Cryptosporidium</i> spp. <sup>2</sup>	SSU, actin	353/50	Stenger et al. (2018)
<i>Microtus arvalis</i> (common vole)	Poland	<i>C. tyzzeri</i> <sup>2</sup>	COWP, SSU	12/6	Bajer et al. (2003)
		<i>C. parvum</i> <sup>1</sup>	–	274/200	Bajer et al. (2002)
		<i>Cryptosporidium</i> spp. <sup>1</sup>	–	7/5	Bednarska et al. (2007)
		<i>Cryptosporidium</i> spp. <sup>1</sup>	–	19/4	Sinski et al. (1998)
		<i>Cryptosporidium</i> spp. <sup>1</sup>	–	419/261	Bajer (2008)
<i>Microtus pennsylvanicus</i> (meadow vole)	USA	vole genotype I <sup>2</sup>	SSU	10/1	Feng et al. (2007)
		muskrat genotype II <sup>2</sup>	–	10/2	
		<i>Cryptosporidium</i> sp. <sup>1</sup>	–	297/13	Ziegler et al. (2007a)
		muskrat genotype II <sup>2</sup>	SSU	NS/5	Ziegler et al. (2007b)
		<i>Cryptosporidium</i> sp. <sup>2</sup>	SSU, actin	NS/4	
		<i>Cryptosporidium</i> spp. <sup>2</sup>	SSU, actin	311/163	Stenger et al. (2018)
<i>Microtus pinetorum</i> (woodland vole)	USA	<i>Cryptosporidium</i> spp. <sup>2</sup>	SSU, actin	41/21	Stenger et al. (2018)
<i>Ondatra zibethicus</i> (muskrat)	Poland	<i>C. parvum</i> <sup>1</sup>	–	9/5	Sinski et al. (1998)
		<i>C. parvum</i> <sup>2</sup>	SSU	6/6	Perz and Le Blancq (2001)
	USA	<i>Cryptosporidium</i> sp. <sup>1</sup>	–	149/1	Ziegler et al. (2007a)
		<i>Cryptosporidium</i> spp. <sup>2</sup>	SSU, actin	42/4	Stenger et al. (2018)
		muskrat genotype I <sup>2</sup>	SSU	237/24	
		muskrat genotype II <sup>2</sup>	SSU	237/6	Zhou et al. (2004)
		muskrat genotype I <sup>2</sup>	SSU	1/1	Feng et al. (2007)
muskrat genotype I <sup>2</sup>	SSU	1/1	Xiao et al. (2002)		

NS – not specified