


CORRECTION

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# Correction to: First multilocus sequence typing (MLST) of *Giardia duodenalis* isolates from humans in Romania

Carmen Costache<sup>1†</sup>, Zsuzsa Kalmár<sup>2\*</sup> , Horațiu Alexandru Colosi<sup>3</sup>, Alina Mihaela Baciu<sup>1</sup>, Răzvan Vlad Opriș<sup>1</sup>, Adriana Györke<sup>2</sup> and Ioana Alina Colosi<sup>1</sup>

## Correction to: *Parasites Vectors* 13, 387 (2020)

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Following publication of the original article [1], it was brought to our attention that incorrect primers information had been provided in Table 1.

The table has since been corrected and the updated table is provided in this correction for reference.

The authors apologize for any inconvenience caused.

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The original article can be found online at <https://doi.org/10.1186/s13071-020-04248-2>.

\*Correspondence: [zsuzsa.kalmar@usamvcluj.ro](mailto:zsuzsa.kalmar@usamvcluj.ro)

†Carmen Costache and Ioana Alina Colosi contributed equally to this work

<sup>2</sup> Department of Parasitology and Parasitic Diseases, Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, 3–5 Calea Mănăștur, 400372 Cluj-Napoca, Romania  
Full list of author information is available at the end of the article



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**Table 1** Primers and PCR conditions

Gene	PCR reaction	Product length (bp)	Primer name	Primer (5'-3')	PCR conditions	References
<i>bg</i>	1st	753	G7	AAGCCCACGACCTCACCCGAGTGC	A	[37]
			G759	GAGGCCGCCCTGGATCTTCGAGACGAC		
	2nd	511	B-F	GAACGAACGAGATCGAGGTCCG	B	
			B-R	CTCGACGAGCTTCGTGTT		
<i>gdh</i>	1st	n.g	GDHeF	TCAACGTAAAYCGYGGYTTCCGT	A	[37]
			GDHeR	GTTRTCCTTGACACATCTCC		
	2nd	432	GDHiF	CAGTACAACCTCYGCTCTCGG	C	
			GDHiR	GTTRTCCTTGACACATCTCC		
ITS1	1st	347	FW1	TGGAGGAAGGAGAAGTCGTAAC	D	[16]
			RV1	GGGCGTACTGATATGCTTAAGT		
	2nd	315	FW2	AAGGTATCCGTAGGTGAACCTG		
			RV2	ATATGCTTAAGTCCGCCCGTC		
<i>tpi</i>	1st	605	ALA3542	AAATIATGCCTGCTCGTCG	A	[38]
			ALA3542	CAAACCTTITCCGCAAACC		
	2nd	530	ALA3544	CCCTTCATCGGIGGTAACCT		
			ALA3545	GTGGCCACCACICCCGTGCC		

PCR conditions: A (1 cycle: 95 °C for 5 min; 40 cycles: 95 °C for 45 s, 50 °C for 30 s, 72 °C for 60 s; 1 cycle: 72 °C for 7 min); B (1 cycle: 95 °C for 5 min; 35 cycles: 95 °C for 45 s, 55 °C for 30 s, 72 °C for 45 s; 1 cycle: 72 °C for 7 min); C (1 cycle: 95 °C for 5 min; 40 cycles: 95 °C for 45 s, 60 °C for 30 s, 72 °C for 45 s; 1 cycle: 72 °C for 7 min); D (1 cycle: 95 °C for 5 min; 35 cycles: 95 °C for 30 s, 59 °C for 30 s, 72 °C for 30 s; 1 cycle: 72 °C for 7 min)

**Author details**

<sup>1</sup>Department of Molecular Sciences, Discipline of Microbiology, Iuliu Hațieganu University of Medicine and Pharmacy, 6 Louis Pasteur Street, 400349 Cluj-Napoca, Romania. <sup>2</sup>Department of Parasitology and Parasitic Diseases, Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, 3–5 Calea Mănăştur, 400372 Cluj-Napoca, Romania. <sup>3</sup>Department of Medical Education, Discipline of Medical Informatics and Biostatistics, Iuliu Hațieganu University of Medicine and Pharmacy, 6 Louis Pasteur Street, 400349 Cluj-Napoca, Romania.

**Reference**

1. Costache C, Kalmár Z, Colosi HA, Baciu AM, Opreş RV, Györke A, Colosi IA. First multilocus sequence typing (MLST) of *Giardia duodenalis* isolates from humans in Romania. *Parasites Vectors*. 2020;13:387. <https://doi.org/10.1186/s13071-020-04248-2>.

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