



## Primers and PCR programs used for amplification of four DNA fragments sequenced in the study

### Electronic supplementary material 1 to the article:

Tumanov D.V. & Tsvetkova A.Yu. 2023. Some have drops and some do not, but can we rely on that? Re-investigation of *Diphascon tenue* (Tardigrada: Eutardigrada) with discussion of the phylogeny and taxonomy of the superfamily Hypsibioidea. *Zoosystematica Rossica*, **32**(1): 50–74.

DNA fragment	Primer name	Primer direction	Primer sequence (5'–3')	Primer source	PCR programme
COI	LCO1490	forward	GGTCAACAAATCATAAAGATATTGG	Folmer et al. (1994)	Michalczyk et al. (2012)
	HCO2198	reverse	TAAACTTCAGGGTGACCAAAAAATCA	Folmer et al. (1994)	
	HCOoutout	reverse	GTAAATATATGRTGDGCTC	Prendini et al. (2005)	
18S rRNA	18S_Tar_Ff1	forward	AGGCGAAACCGCGAATGGCTC	Stec et al. (2017)	Zeller (2010), in Stec et al. (2015)
	18S_Tar_Rr1	reverse	GCCGCAGGCTCCACTCCTGG	Stec et al. (2017)	
28S rRNA	28S_Eutar_F	forward	ACCCGCTGAACTTAAGCATAT	Gąsiorek et al. (2018)	Mironov et al. (2012)
	28S_R0990	reverse	CCTTGGTCCGTGTTTCAAGAC	Mironov et al. (2012)	
ITS-2	ITS2_Eutar_Ff	forward	CGTAACGTGAATTGCAGGAC	Stec et al. (2018)	Stec et al. (2018)
	ITS2_Eutar_Rr	reverse	TGATATGCTTAAGTTCAGCGG	Stec et al. (2018)	

## References

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**Stec D., Smolak R., Kaczmarek Ł. & Michalczyk Ł.** 2015. An integrative description of *Macrobiotus paulinae* sp. nov. (Tardigrada: Eutardigrada: Macrobiotidae: hufelandi group) from Kenya. *Zootaxa*,

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**Stec D., Zawierucha K. & Michalczyk Ł.** 2017. An integrative description of *Ramazzottius subanomalous* (Biserov, 1985) (Tardigrada) from Poland. *Zootaxa*, **4300**: 403–420. <https://doi.org/10.11646/zootaxa.4300.3.4>