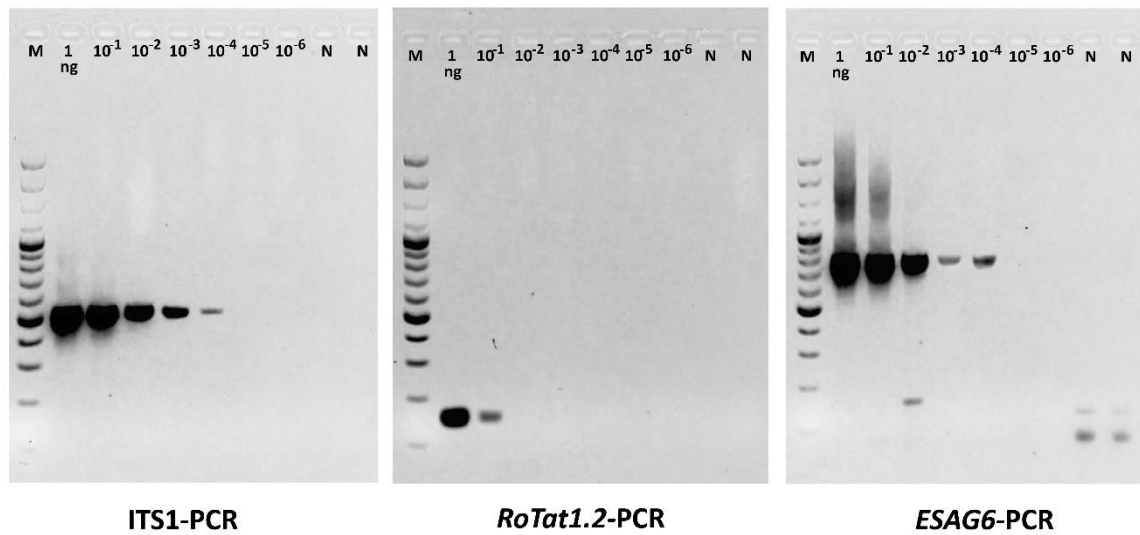




Title	First molecular identification of Trypanosoma evansi from cattle in Syria
Author(s)	Megasari, Marsela; Kyoko, Hayashida; Alaa, Terkawi et al.
Citation	Japanese Journal of Veterinary Research, 68(2), 117-127
Issue Date	2020-05
DOI	https://doi.org/10.14943/jjvr.68.2.117
Doc URL	https://hdl.handle.net/2115/78622
Type	departmental bulletin paper
File Information	JJVR_Supplemental data.pdf, Supplemental data



Supplemental Figure 1. Evaluation of the PCR sensitivity using different sets of primers: ITS1, *RoTat1.2*, and *ESAG6*. Numbers indicate the quantity of DNA used (ng). M and N indicate molecular weight markers (100 bp) and negative control, respectively.



Supplemental Table 1. The results of PCR sensitivity test in four replicates using different sets of primers: ITS1, *RoTat1.2*, and *ESAG6*. The detection limit of PCR systems was examined using 10-fold serial dilutions of DNA extracted from purified parasites of *T. evansi* IL3354 isolate. The numbers in the first row and N indicate the concentration of DNA (ng) and the negative control, respectively. The numbers before slash (/) indicate the positive numbers in independent four times PCR experiments.

	1 ng	10 ⁻¹ ng	10 ⁻² ng	10 ⁻³ ng	10 ⁻⁴ ng	10 ⁻⁵ ng	10 ⁻⁶ ng	N
ITS1-PCR	4/4	4/4	4/4	4/4	2/4	0/4	0/4	0/4
<i>RoTat1.2</i>-PCR	4/4	4/4	1/4	0/4	0/4	0/4	0/4	0/4
<i>ESAG6</i>-PCR	4/4	4/4	4/4	3/4	1/4	0/4	0/4	0/4