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# Corrigendum: The sole DNA ligase in *Entamoeba histolytica* is a high-fidelity DNA ligase involved in DNA damage repair

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EhDNAligI, protozoan, DNA insults, ligation, repairing, 8-oxoG adduct, NER and BER pathways

## A Corrigendum on

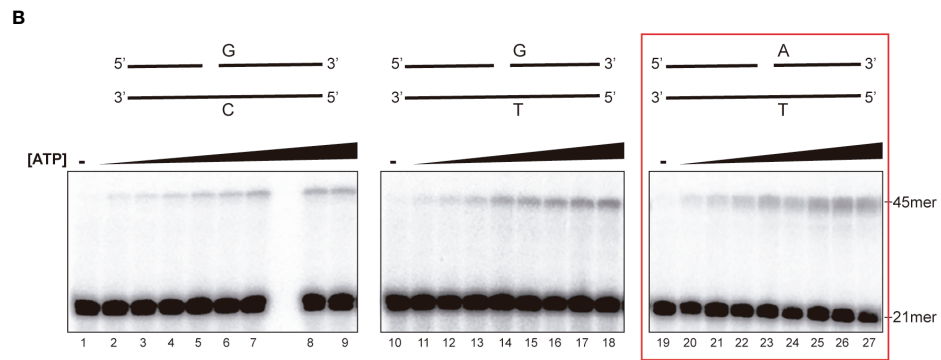
## The sole DNA ligase in *Entamoeba histolytica* is a high-fidelity DNA ligase involved in DNA damage repair

By Azuara-Liceaga E, Betanzos A, Cardona-Felix CS, Castañeda-Ortiz EJ, Cárdenas H, Cárdenas-Guerra RE, Pastor-Palacios G, García-Rivera G, Hernández-Álvarez D, Trasviña-Arenas CH, Diaz-Quezada C, Orozco E and Brieba LG (2018) *Front. Cell. Infect. Microbiol.* 8:214. doi: 10.3389/fcimb.2018.00214

### Error in Figure/Table

In the published article, there was an error in **FIGURE 1B**. Assessment of rEhDNAligI fidelity on nicked double stranded DNA mismatches, as published. In **FIGURE 1B**, part of the figure that corresponds to lanes 10 to 18 (G:T mismatch) was accidentally duplicated in the part of the figure that corresponds to the A:T pair (lanes 19 to 26). The corrected **FIGURE 1B** and its caption appear below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.



**FIGURE 1B**  
 Steady-state kinetics of EhDNAligI on the G:T mismatch at different concentrations of ATP. Lanes 1–9 show EhDNAligI activity at different ATP concentrations in comparison to canonical G:C substrate, lanes 10–18 monitored ligase activity with a mismatched G:T substrate, lanes 19–27 indicate activity with the canonical A:T substrate. The 21mer substrate and the 45mer ligation products are marked with arrows.

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