

CORRECTION

Correction: Is Thymidine Glycol Containing DNA a Substrate of *E. coli* DNA Mismatch Repair System?

The PLOS ONE Staff

There is an error in the last sentence of the fourth paragraph of the Introduction. The correct sentence is: Then an exchange of ADP with ATP in ATP domains of MutS takes place (Figure 1, step 5, a) and there is formed an ultimate recognition complex, which being in the “sliding clamp” conformation initiates an MMR reaction cascade involving MutL and MutH (Figure 1, step i, a).

There are multiple errors in the structures of the duplexes I–IV (5'→3'/3'→5') shown in the “Synthetic DNA Fragments” subsection of the Materials and Methods. Please see the correct structures here.

CAAGCCTATGCCCTCAGCACCCAGGGTGCC GTTCCGATACGGGAGTCGTGGGTCCCACGG	I (G/C)
CAAGCCTATGCCCTCAGCACCCAGGGTGCC GTTCCGATACGGGAGTCGTGGGTCCACGG	II (G/T)
CAAGCCTATGCCCTCAGCACCCAG-GGTGCC GTTCCGATACGGGAGTCGTGGGTgCCACGG	III (G/Tg)
CAAGCCTATGCCCTCAGCACCCAA-GGTGCC GTTCCGATACGGGAGTCGTGGGTgCCACGG	IV (A/Tg)

Reference

1. Perevozchikova SA, Trikin RM, Heinze RJ, Romanova EA, Oretskaya TS, Friedhoff P, et al. (2014) Is Thymidine Glycol Containing DNA a Substrate of *E. coli* DNA Mismatch Repair System? PLoS ONE 9 (8): e104963. doi:[10.1371/journal.pone.0104963](https://doi.org/10.1371/journal.pone.0104963) PMID: [25133614](https://pubmed.ncbi.nlm.nih.gov/25133614/)



OPEN ACCESS

Citation: The PLOS ONE Staff (2015) Correction: Is Thymidine Glycol Containing DNA a Substrate of *E. coli* DNA Mismatch Repair System? PLoS ONE 10 (2): e0118035. doi:[10.1371/journal.pone.0118035](https://doi.org/10.1371/journal.pone.0118035)

Published: February 10, 2015

Copyright: This is an open access article, free of all copyright, and may be freely reproduced, distributed, transmitted, modified, built upon, or otherwise used by anyone for any lawful purpose. The work is made available under the [Creative Commons CC0](https://creativecommons.org/licenses/by/4.0/) public domain dedication.