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Publisher Correction: Molecular basis of microhomology-mediated end-joining by purified full-length Polθ

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Correction to: *Nature Communications* <https://doi.org/10.1038/s41467-019-12272-9>, published online 27 September 2019.

The original version of this Article contained errors in Figure 6. In panel o, the labels incorrectly stated ‘Poleθ’ and “Poleθ + DNA” and should be labelled “Polθ” and “Polθ + DNA”.

In the result section, in the sub-section entitled “Polθ Promotes MMEJ of Long ssDNA”, the sentence “Importantly, the ability of Polθ-pol to perform MMEJ on short (≤ 12 nt) ssDNA (Fig. 1p, left; Supplementary Fig. 3D and 3E), and short (≤ 15 nt) overhangs, demonstrates it performs interstrand pairing without Polθ-hel”. should read as follow: “Importantly, the ability of Polθ-pol to perform MMEJ on short (≤ 12 nt) ssDNA (Fig. 1p, left; Supplementary Fig. 3D and 3E), and short (≤ 15 nt) overhangs, demonstrates that it performs interstrand pairing without Polθ-hel”.

In the sub-section entitled “Preventing Intrastrand Pairing Stimulates MMEJ by Polθ-Pol”, the sentence “We predicted that preventing base-pairing opportunities between 3′ terminal bases and bases upstream along the 5′ region of long ssDNA substrates would suppress intrastrand pairing and enable interstrand pairing by Polθ-pol (Fig. 3c)”. should read as follows: “We predicted that preventing base-pairing opportunities between 3′ terminal bases and bases upstream along the 5′ region of long ssDNA substrates would suppress intrastrand pairing and enable interstrand pairing by Polθ-pol (Fig. 3c)”.

In the method section, in the “Proteins” sub-section the sentence “Polθ-pol, Polθ-hel and RPA were purified as described”. should read as follows: “Polθ-pol and Polθ-hel were purified as described”. These corrections have now been included in the HTML and pdf of the article.

Additionally, a technical problem during the publication process resulted in loss of image quality in Figs. 1, 3 and 4. This has now been corrected in both the PDF and HTML versions of the Article.

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