Corrections & amendments

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Author Correction: The retaining β -Kdo glycosyltransferase WbbB uses a double-displacement mechanism with an intermediate adduct rearrangement step

Correction to: Nature Communications https://doi.org/10.1038/s41467-022-33988-1, published online 21 October 2022

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Check for updates

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The original version of this Article contained an error in the introduction, which incorrectly stated 'Quantum mechanics/molecular mechanics (QM/MM) simulations of this enzyme do indicate participation of Glu303 in the mechanism, but the covalent-like interaction is highly transitory, lasting only for only a few picoseconds⁸ and mutation of this residue to cysteine or aspartate only slightly slows the reaction⁹.' The correct version states 'Quantum mechanics/ molecular mechanics (QM/MM) metadynamics analysis of a bovine GT-6's mechanism predicts that, while the substrates are organized very similarly to other retaining GTs, the donor saccharide forms an intermediate glutamate-galactose covalent adduct prior to transfer to the acceptor⁸; however, in later experiments on human GT-6, mutation of Glu303 to cysteine or aspartate was found to only slightly slow the reaction⁹.'

This has been corrected in both the PDF and HTML versions of the Article.

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