

CORRIGENDUM

Errors in the bisulfite conversion of DNA: modulating inappropriate- and failed-conversion frequencies

Diane P. Genereux, Winslow C. Johnson, Alice F. Burden, Reinhard Stöger and Charles D. Laird

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The authors wish it to be known that the methods section of this article stated the method for preparing the LowMT bisulfite solution and the molarity of the resulting solution incorrectly. The final bisulfite exposure of DNA in the LowMT protocol was 3.4 M, not 5.5 M, as stated.

The procedure for the preparation of LowMT bisulfite solution should have been stated as follows: to prepare the LowMT solution, we dissolved 4.05 g of sodium metabisulfite in 8 ml dH₂O. In a separate tube, we dissolved 0.05 g of hydroquinone in 25 ml of dH₂O. To the sodium bisulfite solution, we added 500 µl of the hydroquinone solution, and 230 µl of 10 N NaOH, and dH₂O was then added to a final volume of 10 ml. Prior to the addition of DNA, this procedure yields sodium bisulfite at molarity 3.8. In the final solution used for conversion of the DNA sample prepared as described, the bisulfite concentration is hence 3.4 M.

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