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CORRECTION

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Correction: The mechanism and regularity of quenching the effect of bases on fluorophores: the base-quenched probe method

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Correction for 'The mechanism and regularity of quenching the effect of bases on fluorophores: the base-guenched probe method' by Huihui Mao *et al.*, *Analyst*, 2018. **143**, 3292–3301.

The authors regret that the version of Fig. 6 which appeared in the original manuscript was incorrect, as two of the bars in part D were in the wrong position. The corrected version of Fig. 6 is presented below.



Fig. 6 (A) The model is each probe labeled with FAM that hybridizes to the corresponding complete complementary strand. (B) Curves of fluorescence (*F*) versus temperature (*T*) for each base-quenched probe completely complementary to the DNA fragment. (1) T<u>A</u>; (2) A<u>T</u>; (3) C<u>G</u>; (4) G<u>C</u> (letters representing bases on the complementary strand of the probe are bold and underlined). (C) Derivative melting curves (-dF/dT vs. T) for each base-quenched probe completely complementary. (1) T<u>A</u>; (2) A<u>T</u>; (3) C<u>G</u>; (4) G<u>C</u>. (D) Results of one-way analysis of variance (ANOVA). Four groups of experiments (n = 6 for each group; ANOVA: ^{ns}P > 0.05, ^{*}P < 0.05). (1) T<u>A</u>; (2) A<u>T</u>; (3) C<u>G</u>; (4) G<u>C</u>.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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