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Electronic supplementary information

SYBR Green I promotes melamine binding to polythymine DNA and FRET-based ratiometric sensing

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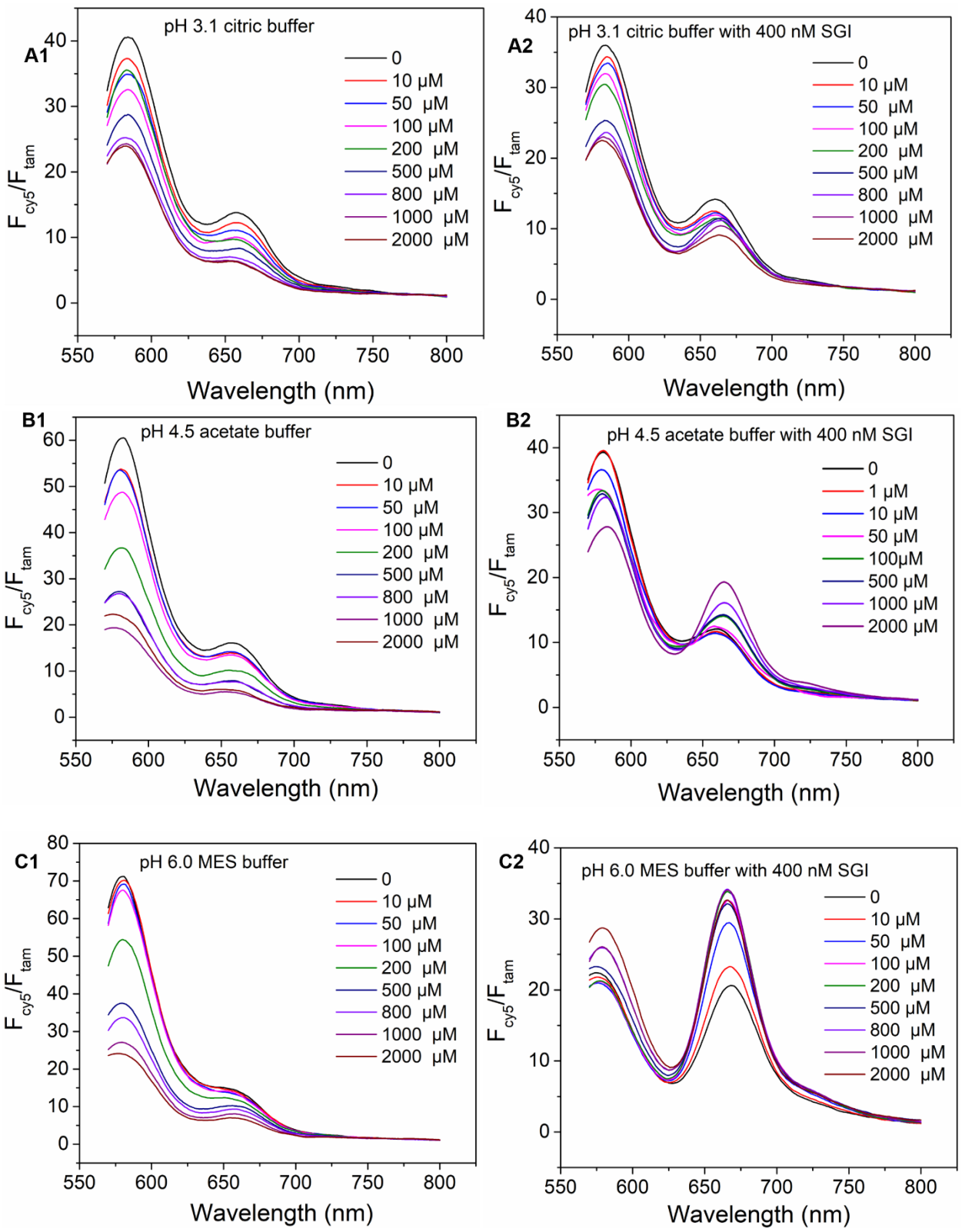

Figure S1. The fluorescence intensity signal change (A1, B1, C1), and the peak ratio F_{cy5}/F_{tam} (A2,B2,C2) of melamine titration into cy5-T_{30}-tam DNA in different pH buffers. All of the buffers were 10 mM with or without 400 nM SGI. The concentration of T_{30} was 20 nM.