Electronic Supplementary Material (ESI) for Analyst.

Electronic supplementary information

Homogeneous assays for aptamer-based ethanolamine sensing: no indication of target binding

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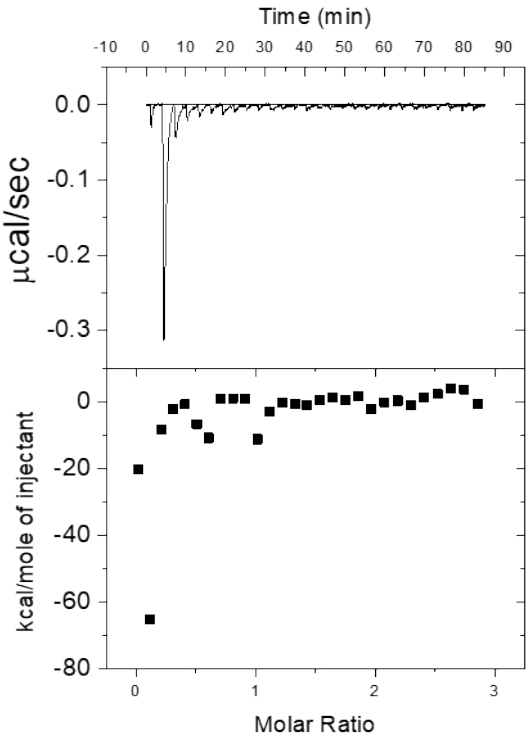

Figure S1. ITC data of titrating 28.6 µM complementary DNA (C-EA-ConsT) into 2 µM EA-ConsT.

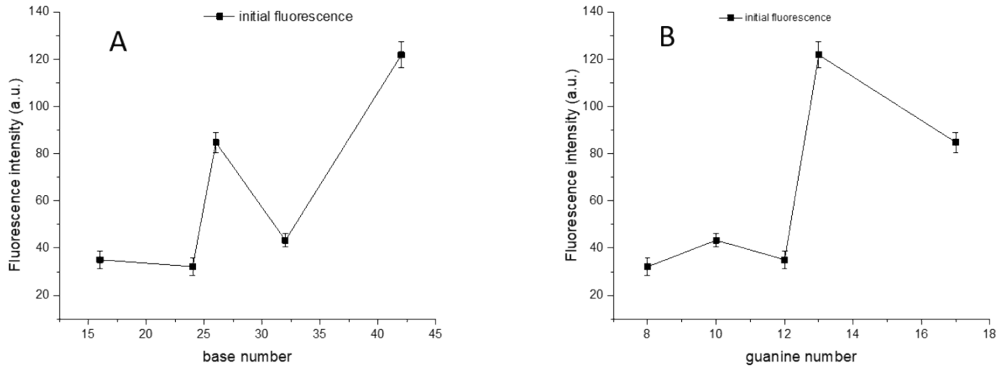

Figure S2. (A) The initial ThT fluorescence as a function of DNA length. (B) The initial ThT fluorescence as a function of guanine nucleotide number.

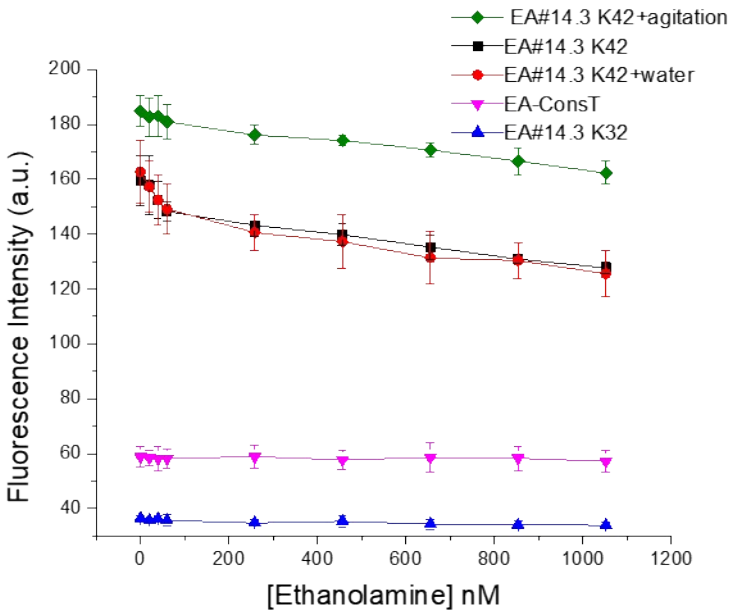

Figure S3. ThT fluorescence intensity at 490 nm from ThT/aptamer samples in the presence of different concentrations of ethanolamine up to 1 μM. The line 14.3K42+agitation means shaking the cuvette without adding anything into the system, which showed same trends as 14.3K42 and 14.3K42 + water.