

Electronic Supplementary Information (ESI) for
Screening and characterisation of CdTe/CdS quantum dot-binding
peptides for material surface functionalisation

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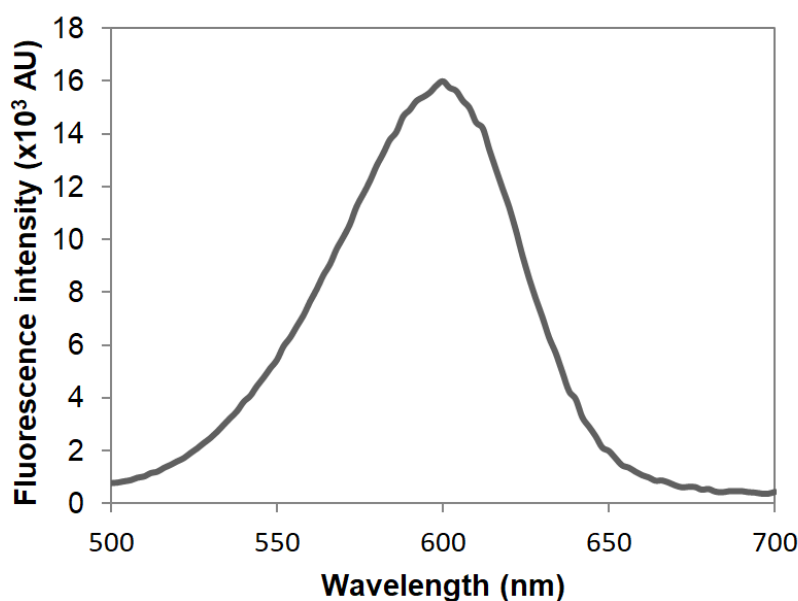


Fig. S1 Fluorescence emission spectrum of prepared CdTe/CdS QDs. The QDs were excited with 400 nm.

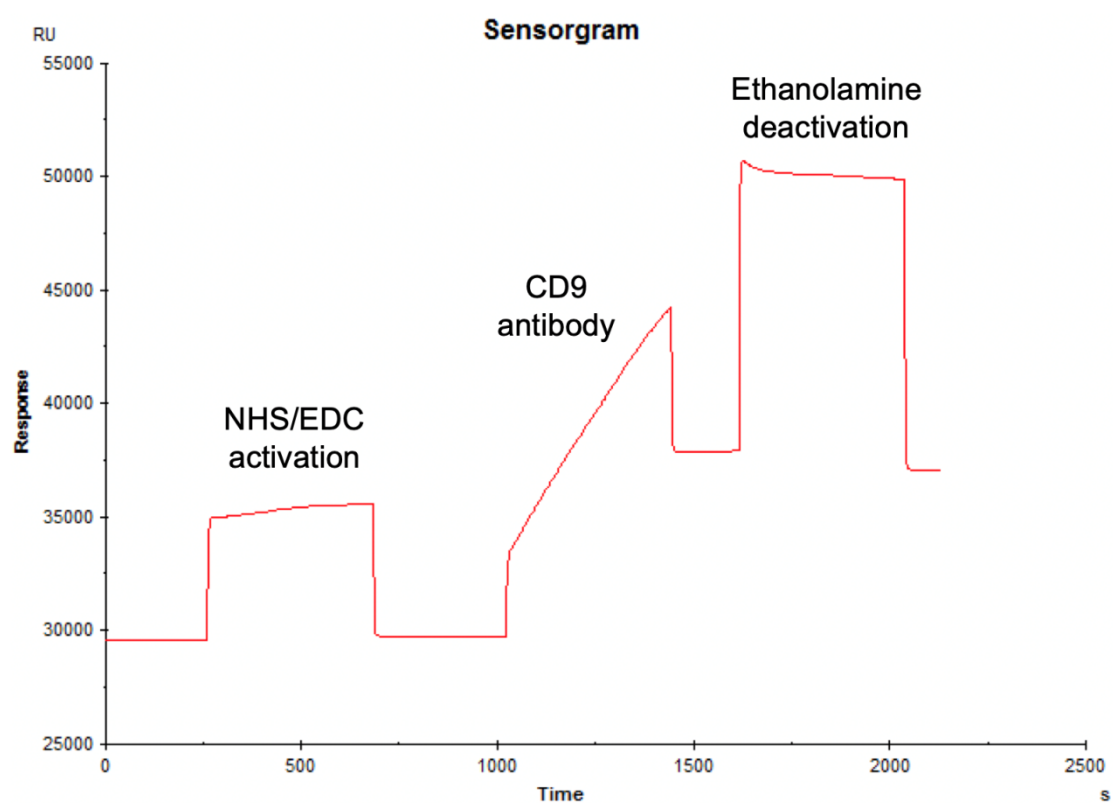


Fig. S2 Surface plasmon resonance sensorgram of CD9 antibody immobilization. CD9 antibody was immobilized on CM5 sensor chip using amine coupling.

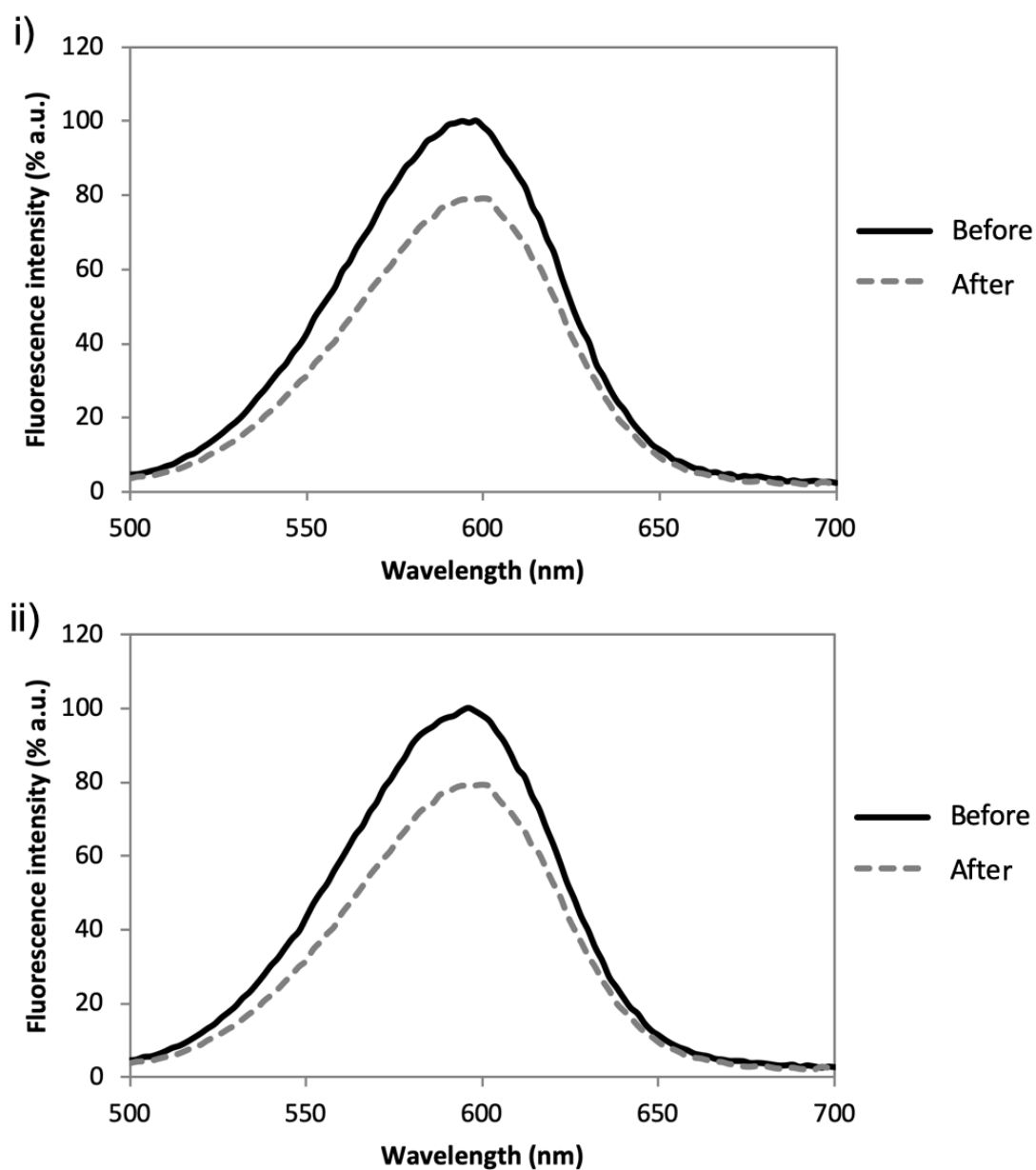


Fig. S3 Fluorescence emission spectra of the QDs before and after the antibody functionalization in case of using (i) P9 (NKFRGKYKGGGPWSLNR) and (ii) P10 (NKFRGKYKGGGSGVYK). The QDs were excited with 400 nm.