Label-free, disposable fiber-optic biosensor for DNA hybridization detection

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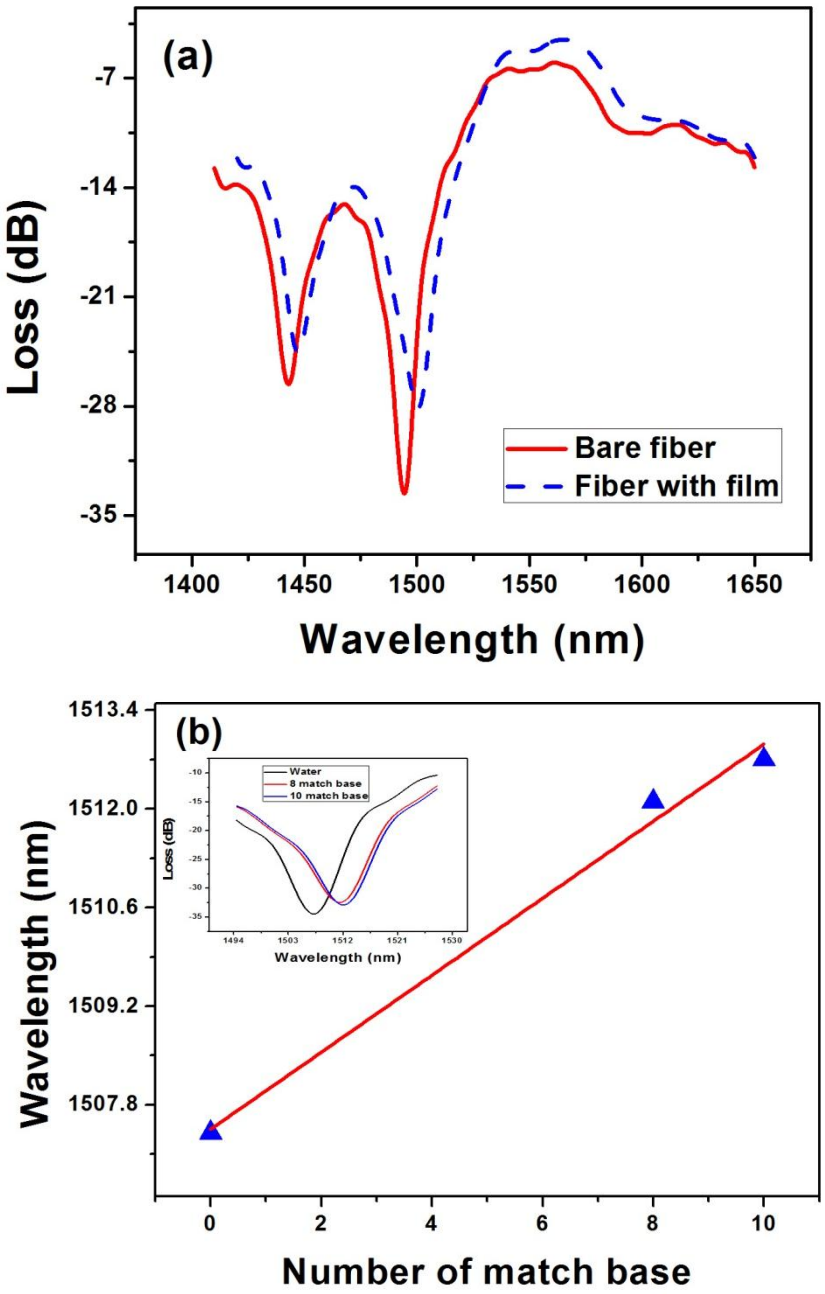

Fig. S1 (a) Spectrum change of TCFMI before (solid line) and after (dashed line) the deposition of $(PEI/PAA)_4(PEI/DNA)_1$ multilayer film. (b) Wavelength shift of TCFMI-based DNA sensor in target DNA solution with match base number 8 and 10.

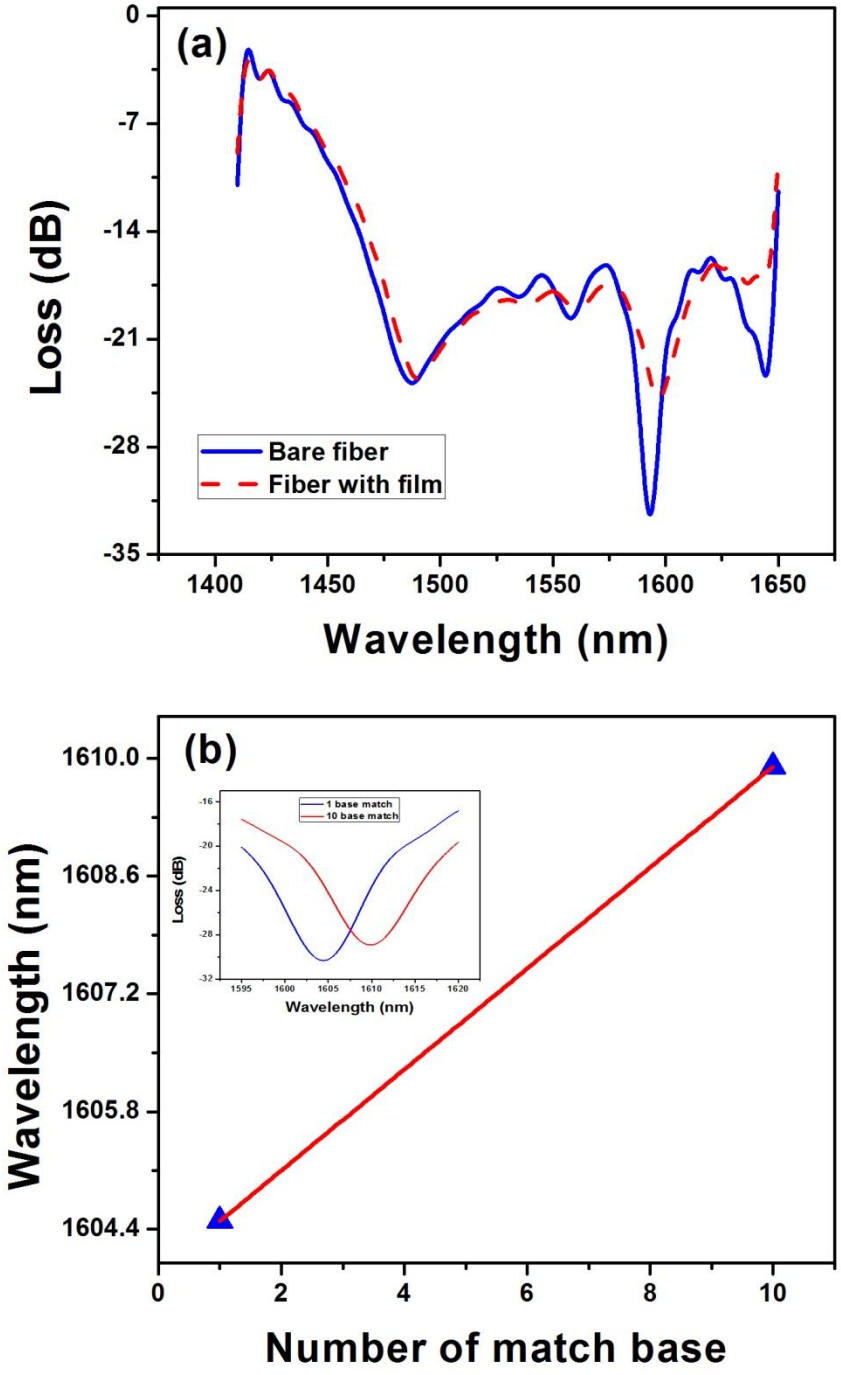

Fig. S2 (a) Spectrum change of TCFMI before (solid line) and after (dashed line) the deposition of $(PEI/PAA)_4(PEI/DNA)_1$ multilayer film. (b) Wavelength shift of TCFMI-based DNA sensor in target DNA solution with match base number10.