

SUPPORTING INFORMATION

**Asymmetric Lipid Bilayer Sandwiched in Polyelectrolyte Multilayer Films through
Layer-by-Layer Assembly**

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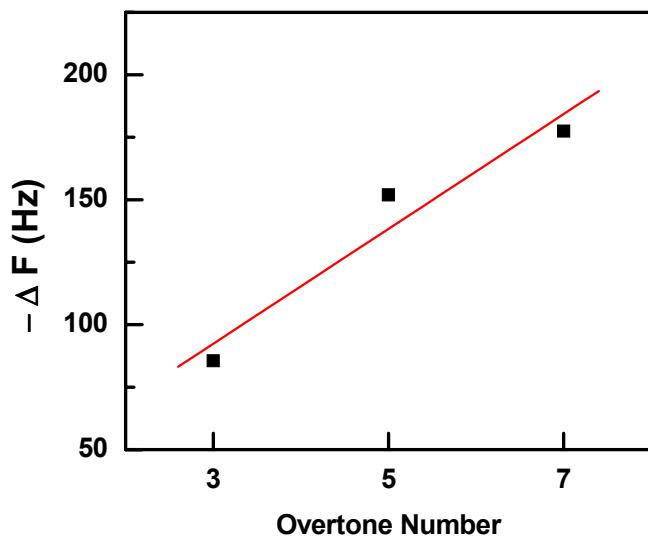


Figure S1 QCM frequency change at deposition of DMPE on PDADMAC terminated PEM at different overtones.

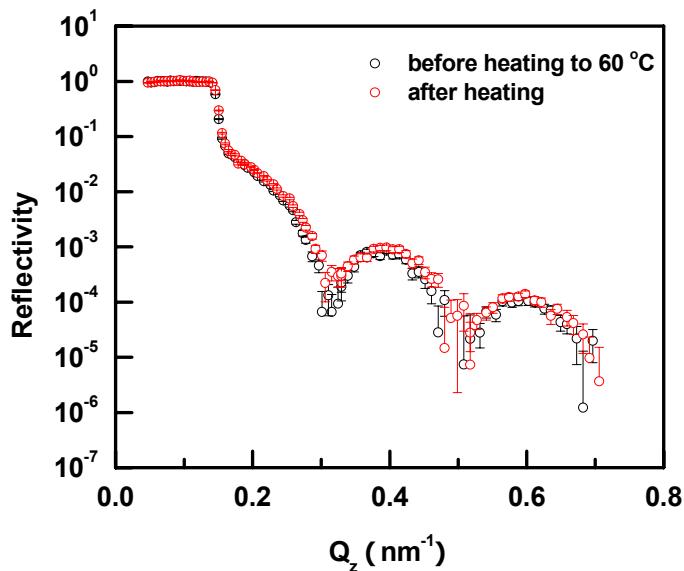


Figure S2. Neutron reflectometry curves from a sample with structure Si/PEI/(PSS/PAH)₆ before and after temperature treatment at 60 °C for 1 hour. No difference in the reflectivity at room temperature was observed before and after the temperature treatment. The result proves that no changes occurred in the sample after the treatment.