

Supporting Information

Immobilization of RNase S-Peptide on a Single-Stranded DNA-Fixed Gold Surface and Effective Masking of Its Surface by an Acridinyl Poly(ethylene glycol)

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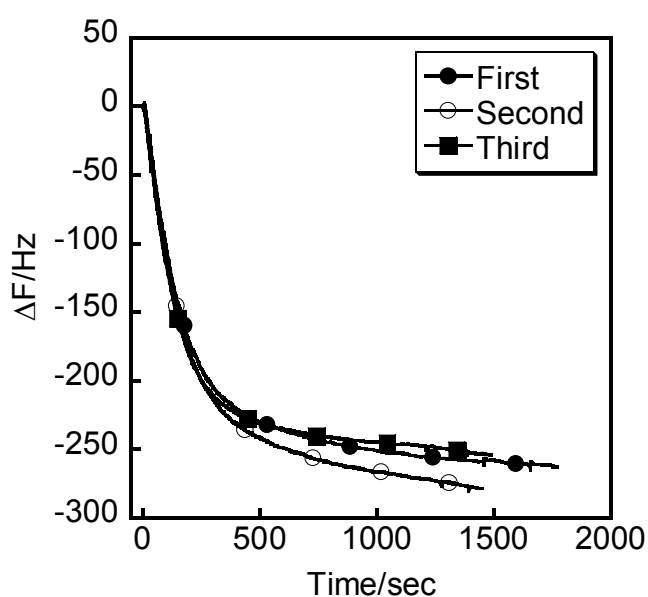


Figure S1. Frequency changes of 5'-HS-(CH<sub>2</sub>)<sub>6</sub>-CGA CGT TGT AAA ACG ACG GCC AGT-3'-fixed QCM gold sensor chip in 10 x SSC buffer after hybridization with 5'-ACT GGC CGT CGT TTT ACA ACG TCG-3'. The hybridization experiment was repeatedly carried out with this QCM chip after dehybridization (treated with water for 10 min at 60 °C). Standard deviation of this system was 13.9.