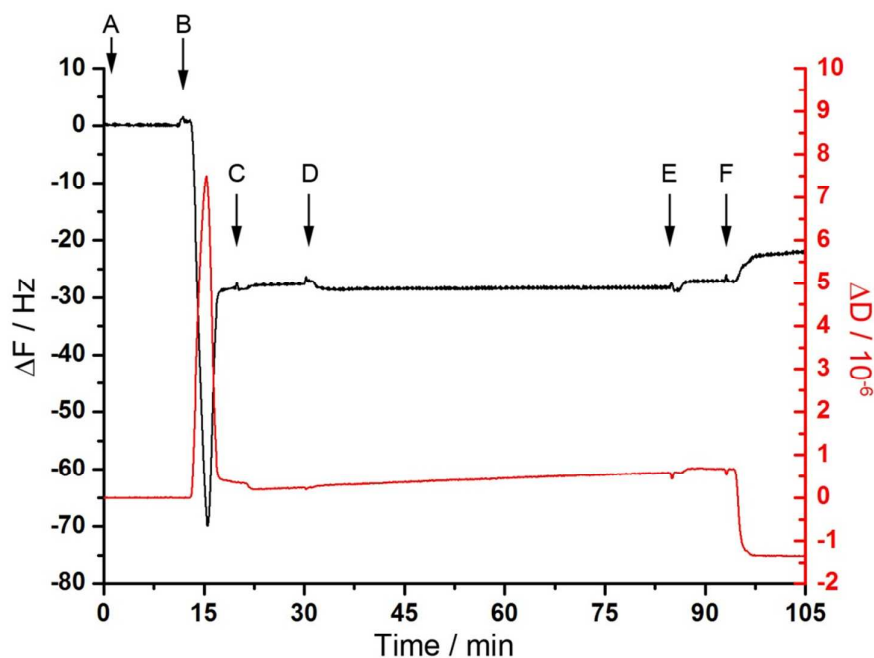


## Supporting Information



**Fig. S1: No unspecific interaction of NERMAD on POPC/Chol/POPS (63:20:17)**

Incubation of 5  $\mu\text{M}$  NERMAD on a POPC/Chol/POPS (63:20:17) bilayer. The sensor surface was rinsed with citrate buffer (arrow A). Then the SUV suspension (arrow B) resulted in a bilayer, which is rinsed with HBS, pH 7.4 (arrow C). The incubation of 5  $\mu\text{M}$  NERMAD showed no adsorption (arrow D). The system is rinsed, again using HBS, pH 7.4 (arrow E) and washed with ultra-pure  $\text{H}_2\text{O}$  (arrow F).