Ultrasensitive Electrochemical Immunosensor for CA 15-3 Using Thionine-Nanoporous Gold-Graphene as Platform and Horseradish Peroxidase-Encapsulated Liposome as Signal Amplification

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Figure S1 N₂ adsorption–desorption isotherm of NPG
Figure S2 ζ-Potential values of liposomes biofunctionalized. Measurements were obtained before and after modification with anti-CA 15-3 and following incubation with increasing concentrations of CA 15-3.