Supporting Information

for

Surface-enhanced Raman scattering of selfassembled thiol monolayers and supported lipid membranes on thin anodic porous alumina

Marco Salerno^{1*}, Amirreza Shayganpour^{1,2}, Barbara Salis^{1,2} and Silvia Dante¹

Address: ¹Department of Nanophysics, Istituto Italiano di Tecnologia, via Morego 30, I-16163 Genova, Italy and ²Department of Bioengineering and Robotics, University of Genova, viale Causa 13, I-16145 Genova, Italy

Email: Marco Salerno - marco.salerno@iit.it

* Corresponding author

Additional figures

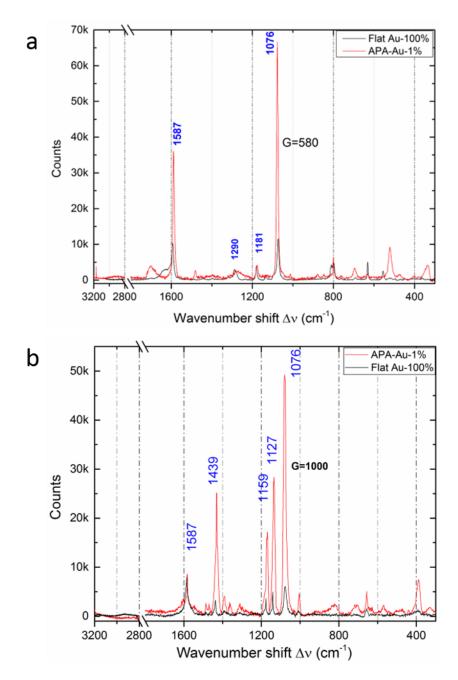


Figure S1: Comparison of Raman spectra of thiols after adsorption to either flat Au or tAPA–Au substrates: a) MbA, and b) AT. The enhancement is appearing clearly (consider also the different laser power, see inset legend).

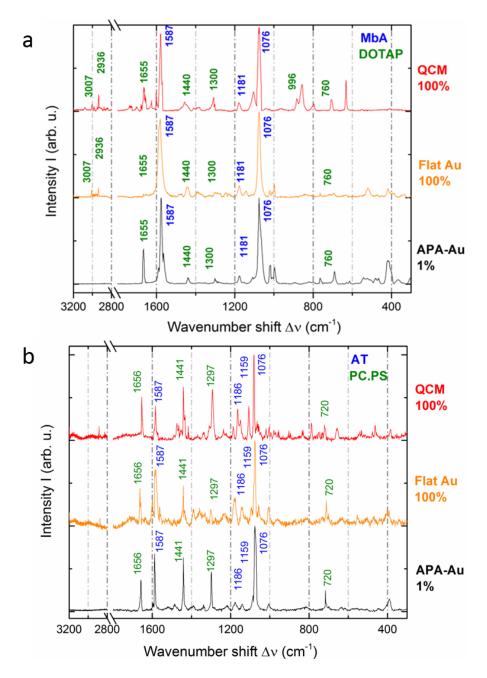


Figure S2: Raman spectra of the thiol-SLB systems on all the different substrates considered in this work, namely flat Au, quartz-Au, and tAPA–Au. a) MbA–DOTAP, b) AT-POPC/POPS, plotted together for easiest comparison of the respective features.