

Supporting Information to:

Localized plasmon resonances of bimetallic AgAuAg nanorods

Sung-Hyun Ahn,^{a#} Deok-Soo Kim,^{a#} Daeha Seo,^b Won-Jun Choi,^c Gi-Ra Yi,^d Hyunjoon Song,^b
Q-Han Park,^c and Zee Hwan Kim^{*a}

^a Department of Chemistry, Korea University, Seoul 137-701, Korea

^b Department of Chemistry, KAIST, Daejeon 305-701, Korea

^c Department of Physics, Korea University, Seoul 137-701, Korea

^d Department of Polymer Science and Engineering, Sungkyunkwan University, Gyeonggi 440-746,
Korea

Equal contributions

*e-mail: zhkim@korea.ac.kr

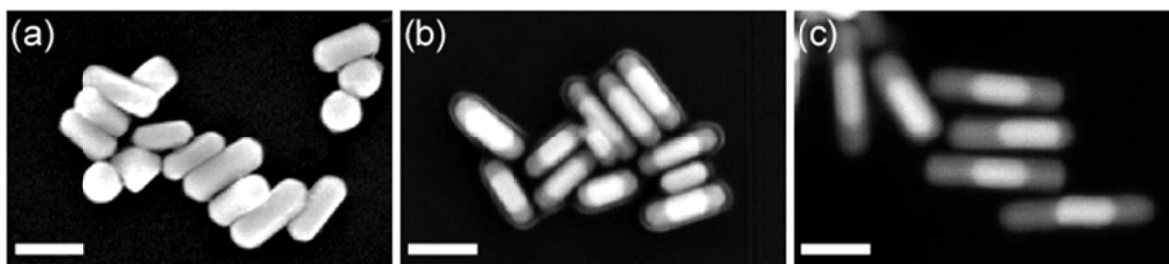


Figure S-1: Representative SEM images of nanorods used in the current work. (a) monolithic Au-NR with $L_{\text{tot}} \sim 200$ nm; (b) AgAuAg-NR with $L_{\text{tot}} \sim 200$ nm; (c) AgAuAg-NR with $L_{\text{tot}} \sim 450 - 500$ nm. The scalebars in the images correspond to 200 nm. Typically, size dispersions of the monolithic and hetero-rods are about 10% of their means. See also the ref. 14 of the main text.