

Fig. S1 TEM images of (A) AuNRs and (B) LV that were negative stained with 1 wt% sodium

phosphotungstate.



Fig. S2 Size distribution of (A) LV and (B) LV-TAX/Au@Ag. (C) Average diameter of LV and LV-TAX/Au@Ag. All data represent mean ± SD (n = 5).



Fig. S3 Increase of temperature at different concentrations of LV-TAX/Au@Ag (etched with

H₂O₂) irradiated by an 808 nm laser (1 W/cm²).