

Supporting information

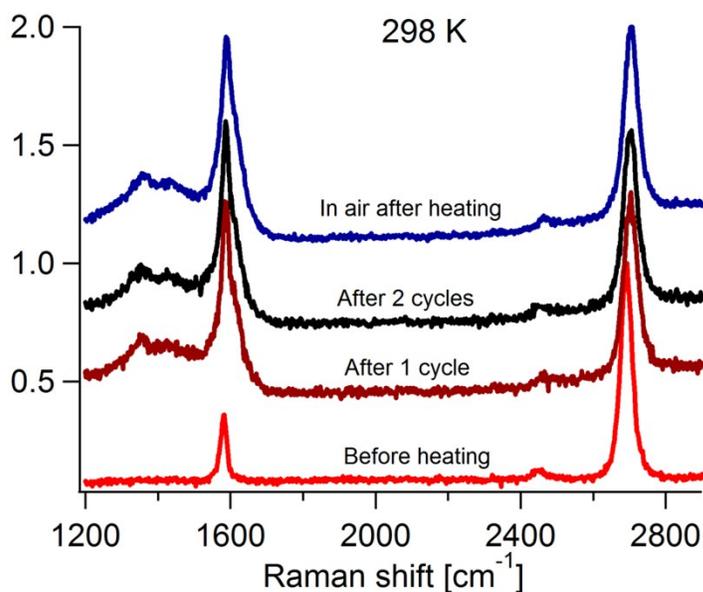


Figure S1. Raman spectra, at 2.54 eV, of undoped 1-LG. The spectra were acquired at room temperature at different times during thermal treatment (to 973 K). From the bottom to the top: before heating, after 1 and 2 cycles, and in air after the heating cell was opened. The spectra were normalized to the 2D band intensity and are offset for clarity.

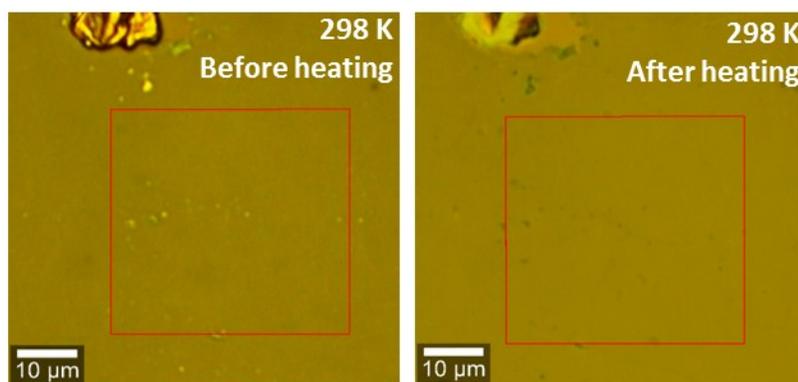


Figure S2. Optical images obtained at room temperature, in the same area of the sample, before (left panel) and after (right panel) heating at 973 K.

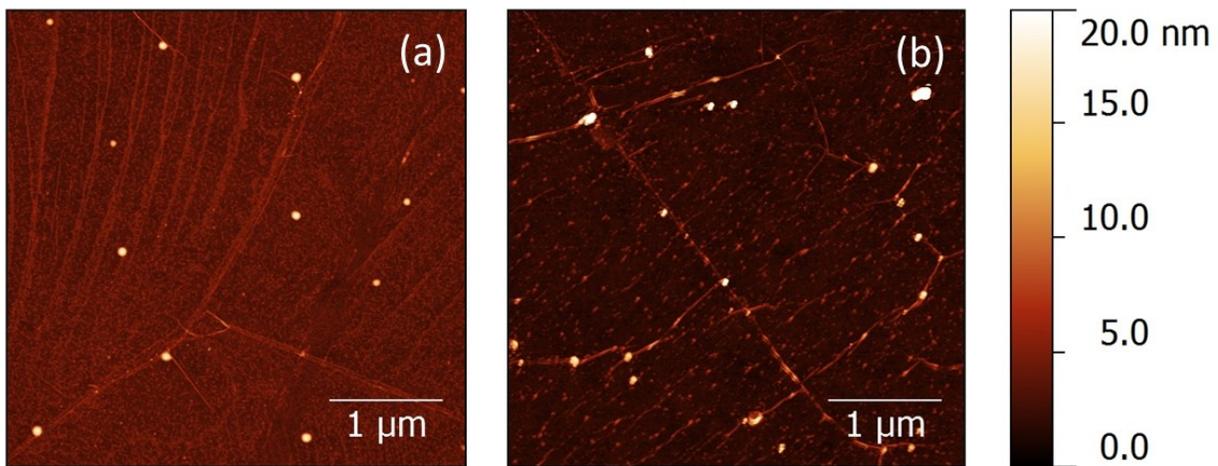


Figure S3. AFM images of the sample before (a) and after annealing (b).