Fig. S1. TEM image of gold nanostructures formed by drying the growth solution film with no reducing agent on the carbon substrate followed by UV reduction of the gold ions. The CTAB film was dissolved with ethanol after UV illumination to enable electron microscopy. The formation of elongated high aspect ratio metal structures provides evidence for elongated (probably tubular) CTAB template in the dry CTAB film.
Fig. S2. TEM image of nanowires formed by drying the standard growth solution film on a SiN substrate.