Supplemental Material For:

Effect of Surface and Shear on Nano-Confined Smectic-A Liquid Crystal Studied by X-Ray Diffraction

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Fig. S1  X-ray diffraction images of 8CB confined between silica surfaces obtained at $D_{HW}$ (= ca. 2 nm) (a) without shear, (b) under shear (input voltage $U_{in} = 10$ V, frequency $f = 96.5$ Hz). The black circular spot at the center of the diffraction images corresponds to the shadow of a beam stopper for the direct X-ray beam.