## **Supporting Information for**

## A new strategy for imaging biomolecular events through interactions between liquid

## crystals and oil-in-water emulsions

## **Qiong-Zheng Hu and Chang-Hyun Jang\***

Department of Chemistry, Gachon University, Sujeong-Gu, Seongnam-Si, Gyeonggi-Do, 461-701,

Korea

\*Corresponding author. Tel. +82-31-750-8555

E-mail address: <a href="mailto:chiang4u@gachon.ac.kr">chiang4u@gachon.ac.kr</a>



Fig. S1. Polarized light microscopy images of the 5CB emulsion droplet with the absence (A) and presence (C) of 1 mM sodium oleate captured using a  $50\times$  objective lens; Schematic illustration of the 5CB emulsion droplet with the absence (B) and presence (D) of surfactants. The diameter of each LC droplet was 4 µm, approximately.