



**Supplementary Figure S1.** Near-infrared measurements after intravenous injection of ICG. Tumor derived from three different patients, N = 3. (a–c) Photo of ICG signal intensity of the accumulated ICG in the tumor. IR video and fused overlay video of the removed tumor with the surrounding CAM of representative tumors of patients X (a), Y (b), and Z (c), respectively, with reference points (created with BioRender.com).