



Supplementary Figure 2 Imaging of Deep Brain in a Mouse Head Acquired with Non-invasive Photoacoustic Tomography (PAT). (A1) and (A2) are non-invasive PAT images of the cross-sections in a mouse brain, which was acquired with the skin and skull intact. The imaging depth for (A1) and (A2) are 5 mm and 8 mm, respectively. (B1) and (B2) are the anatomic photographs of the mouse brain corresponding to (A1) and (A2), respectively. CB: cerebellum; CT: cortex cerebri; FL: fissura longitudinalis cerebri; FT: fissura transversa cerebri; HC: hippocampus; OL: olfactory lobes; and VL: ventriculi laterales.