



Supplementary Figure S1. Schematic diagram of the PS-OCT interferometer. Black and colored curves in the interferometer indicate single-mode fiber (SMF) and polarization-maintaining fiber (PMF), respectively. Abbreviations in the figure indicate the followings; WSL, wavelength-swept laser; PC, polarization controller; PMFC, polarization-maintaining filter coupler; AUX-I, auxiliary interferometer; COAX, coaxial cable; PD, photodetector; PBSC, polarization beamsplitter/combiner; SMFC, single-mode fused coupler; GB, glass block; VDL, variable delay line; BPD, balanced photodetectors; HSD, high-speed digitizer. FBG, fiber Bragg grating.