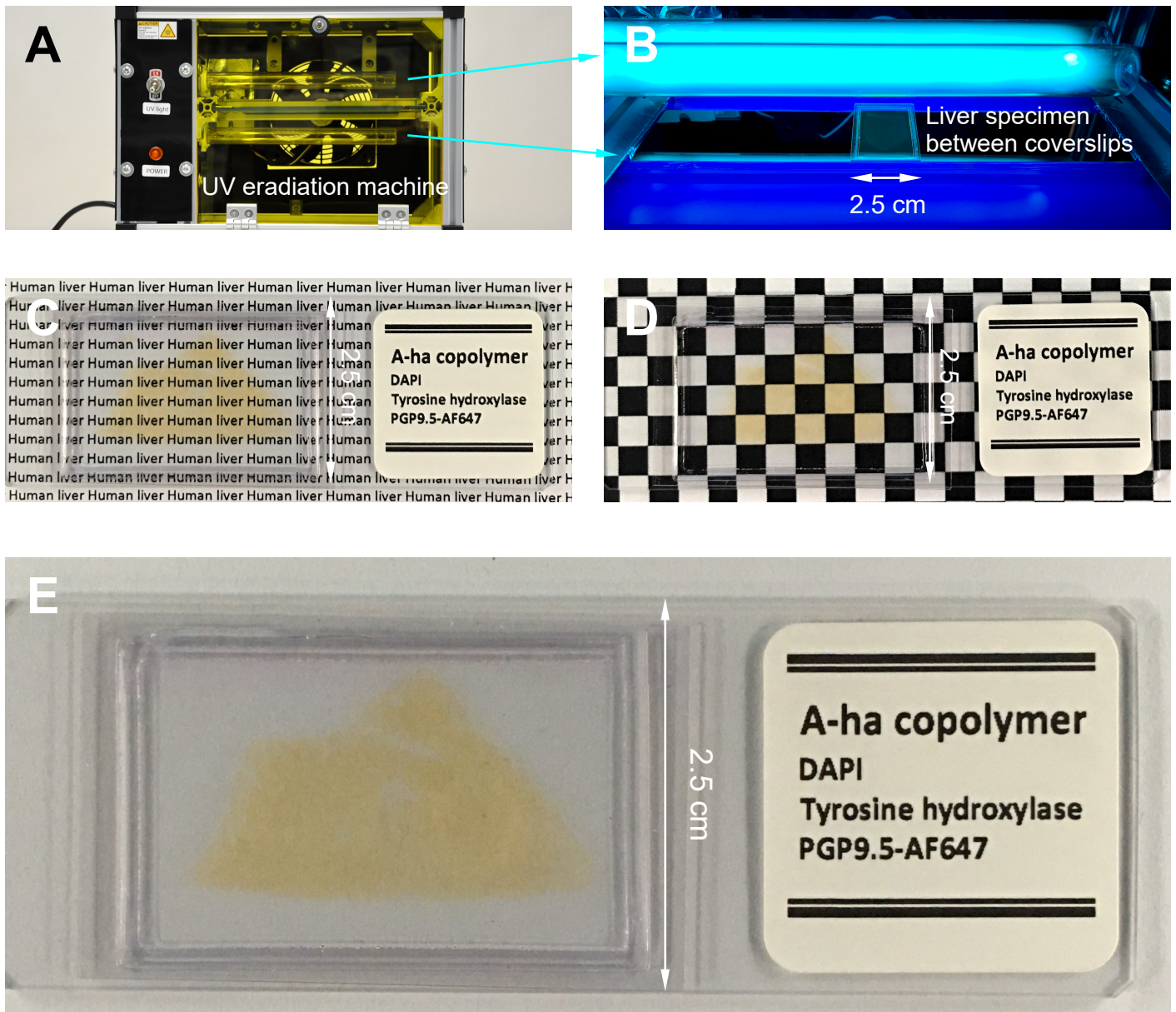


Supplemental Fig. S1



Supplemental Fig. S1 (related to **Materials and Methods**). **Photo-polymerization to prepare transparent liver specimen in solid A-ha copolymer.** (A, B) UV curing system and photo-polymerization. Two pairs of UV lamps (Philips TUV PL-L 18W/4P; emission peak at 253.7 nm) were placed at the top and bottom of the specimen for irradiation (irradiance: 9.6 mW/cm²). A 350- μ m liver specimen sandwiched between two coverslips via an iSpacer (SunJin Lab) was immersed in the monomer solution (acrylamide and n-hydroxymethyl acrylamide; 86.7% monomer mass fraction; molar ratio 1:1) with Irgacure 2959 photoinitiator (0.04% mass fraction) to facilitate photo-polymerization. Reaction time: 30 minutes. (C-E) Transparent human liver in A-ha copolymer on standard microscope slide after photo-polymerization. The fluorescent labeling is antifade and ready for 3D/Airyscan super-resolution imaging.