



Figure S3 Immunofluorescence of COX-2 in the *ex vivo* human endometrium. (A) Co-localization of endothelial cells (ULEX, red) and COX-2 (green) expression in the proliferative and secretory phase of the human endometrium. In the proliferative phase, COX-2 does not localize to the vascular endothelium, but is primarily present in the epithelium and local immune cells. In the secretory phase, co-localization is observed in the terminal spiral arterioles (yellow) ($\times 20$, scale = 200 μm). (B) Characterization of internal controls in immunofluorescence in tissues (COX-2, purple), ($\times 20$, scale = 200 μm). (C) Co-localization in secretory phase endometrium, ($\times 40$, scale = 100 μm).