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**Figure S2. Automated microdissection and immunohistochemical analysis of the human ovarian cortex. A.** Representative images of ovarian cortex microdissection. A hematoxylin stained reference slide is used as a guide to annotate the region to be collected (before dissection). The milling path is calculated and tissue is collected. **B-D.** Example of automated analysis of immunohistochemical staining of the human ovarian cortex using ImagePro Premier software. **B.** All immunohistochemical staining was quantified over the entire ovarian cortex of each patient sample, outlined in green. **C.** Representative annotations of DPP4 and SMA double immunohistochemistry (presented in **Fig. 3 f, g**). **D.** Representative annotations of CD68 and CD206 double immunohistochemistry (presented in **Fig. 3 b, c)**.