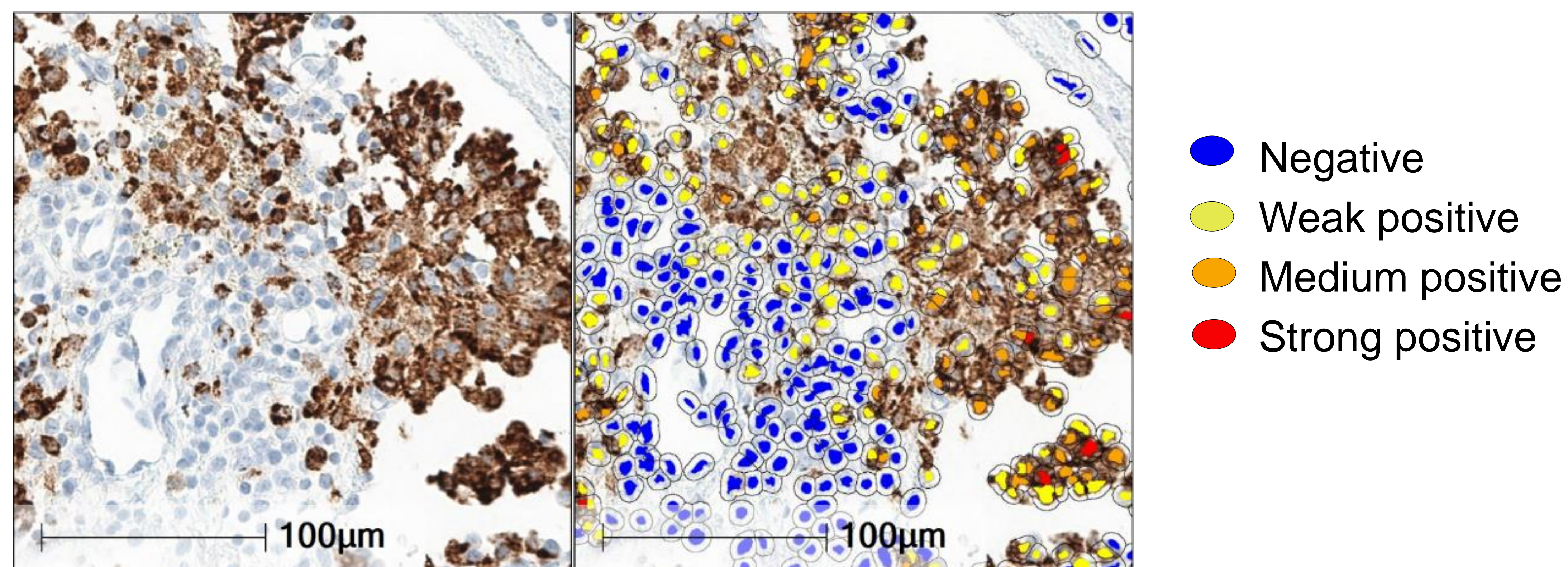


A HALO quantification of human immune cells



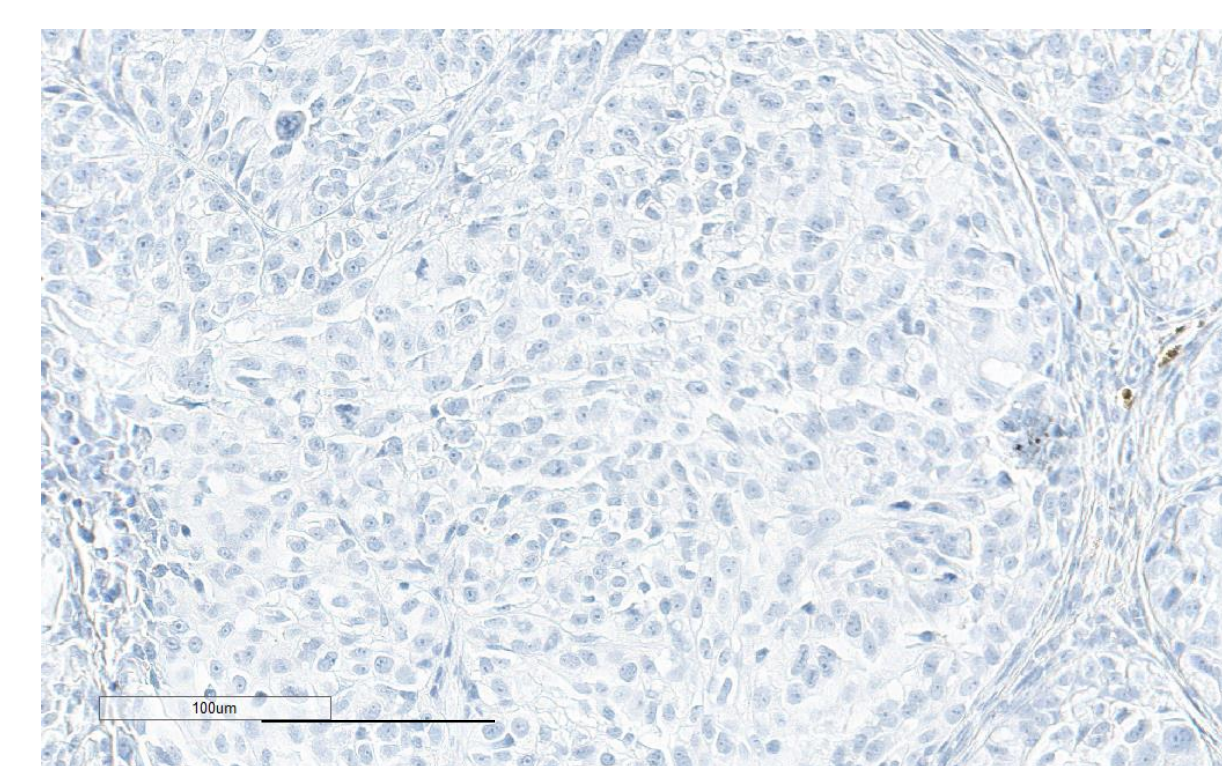
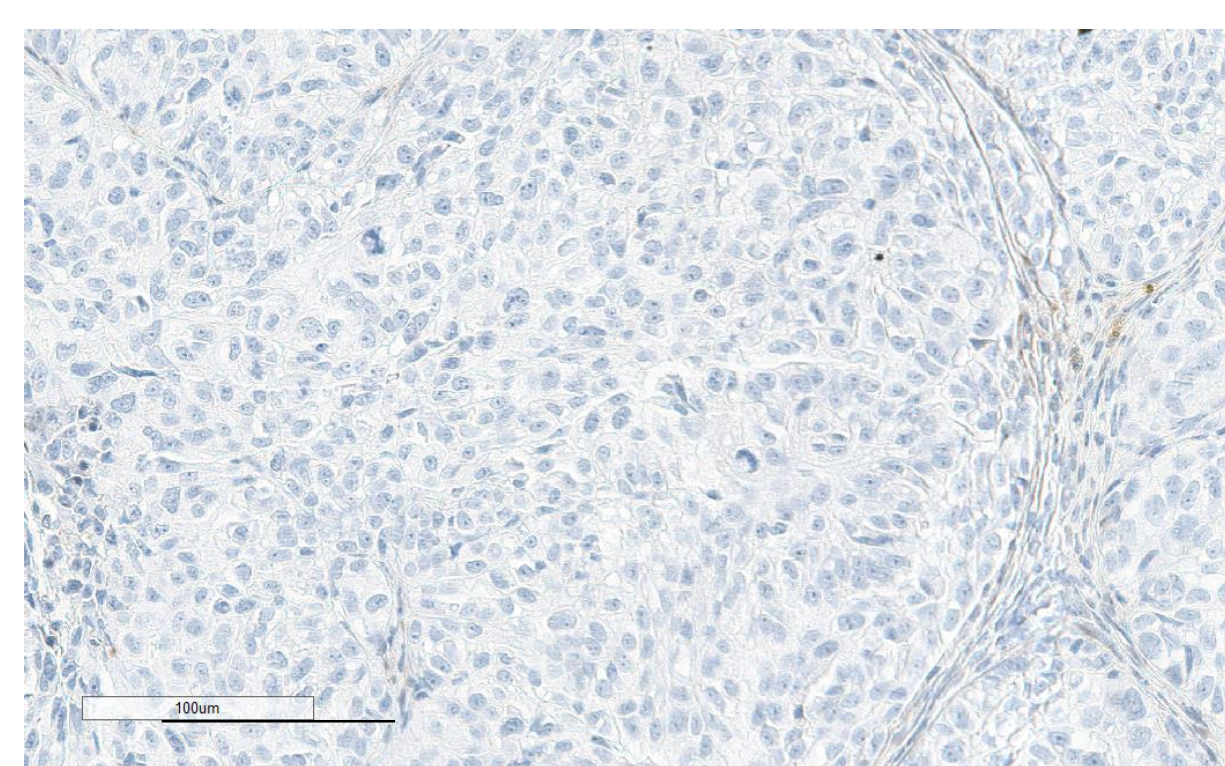
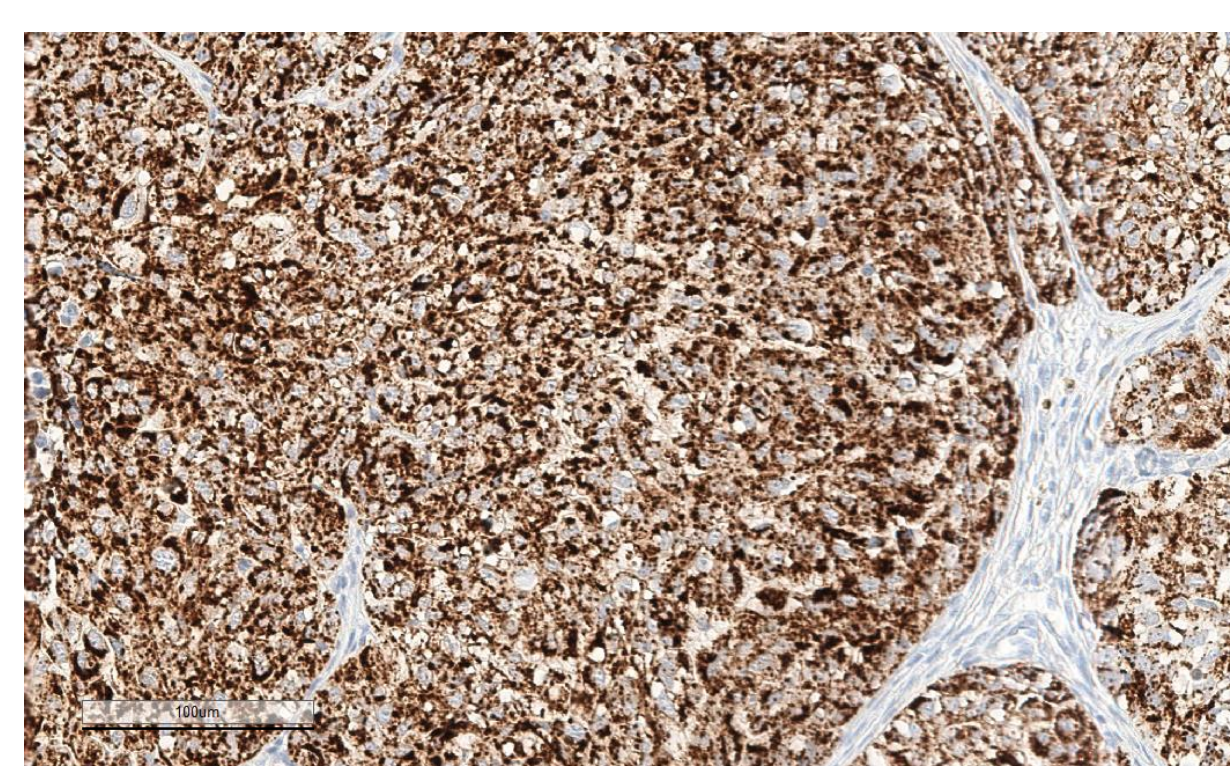
B

Human mitochondria

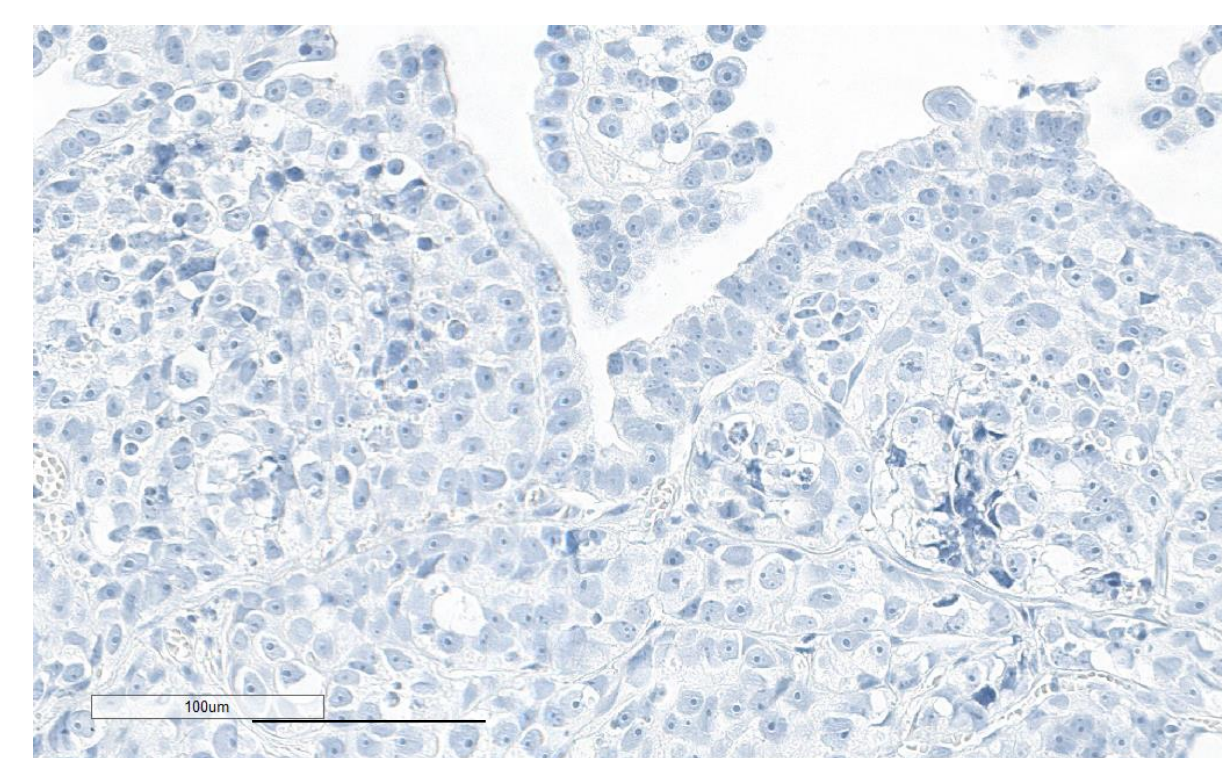
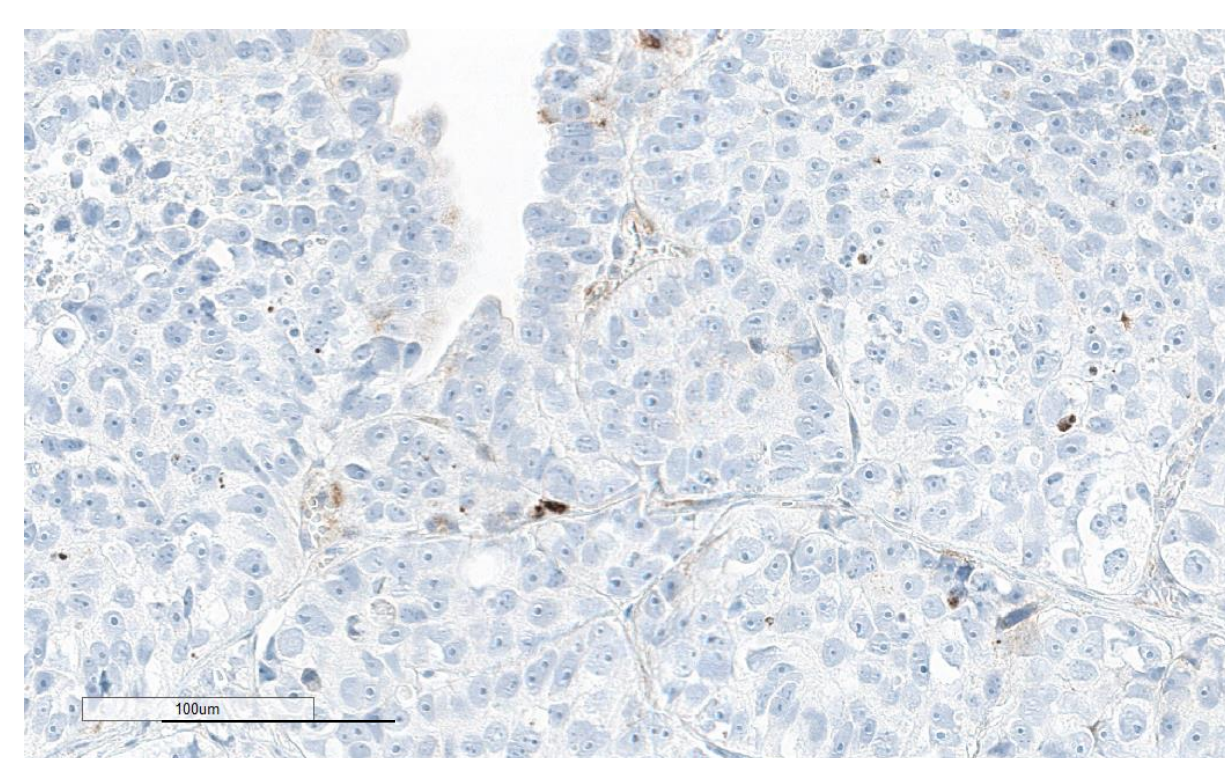
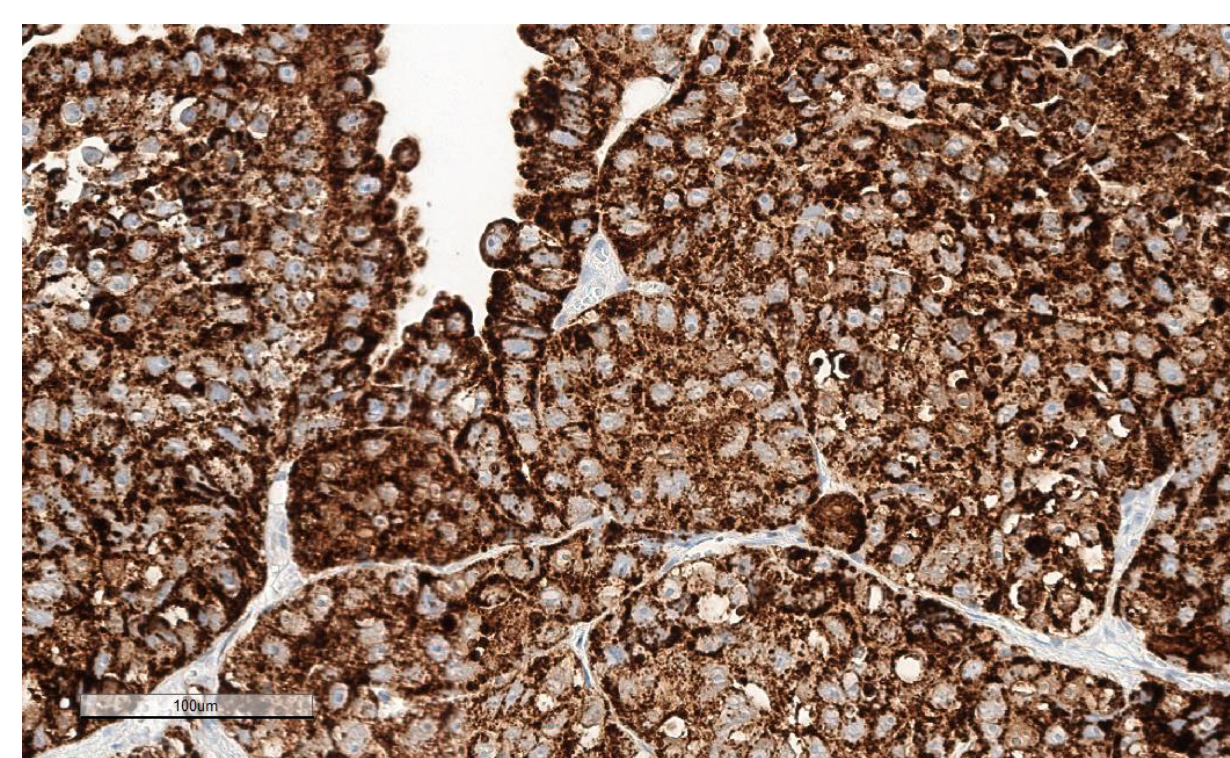
CD68

CD3

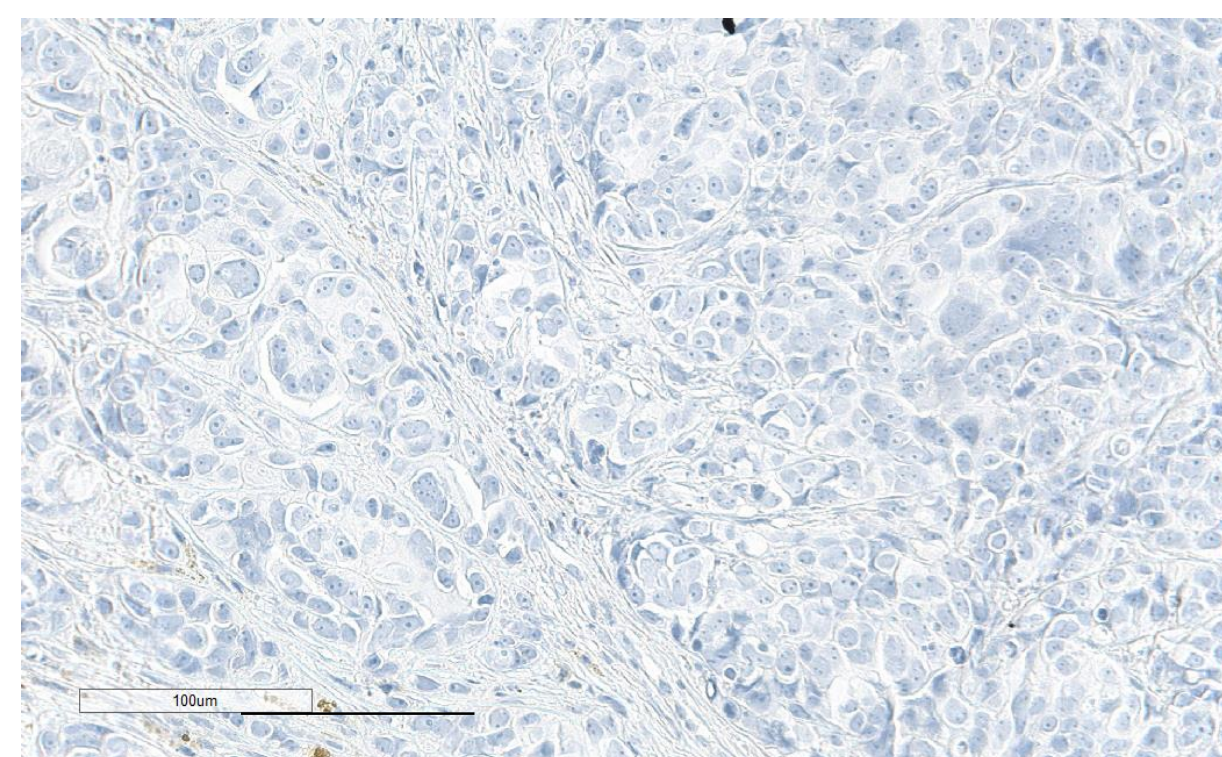
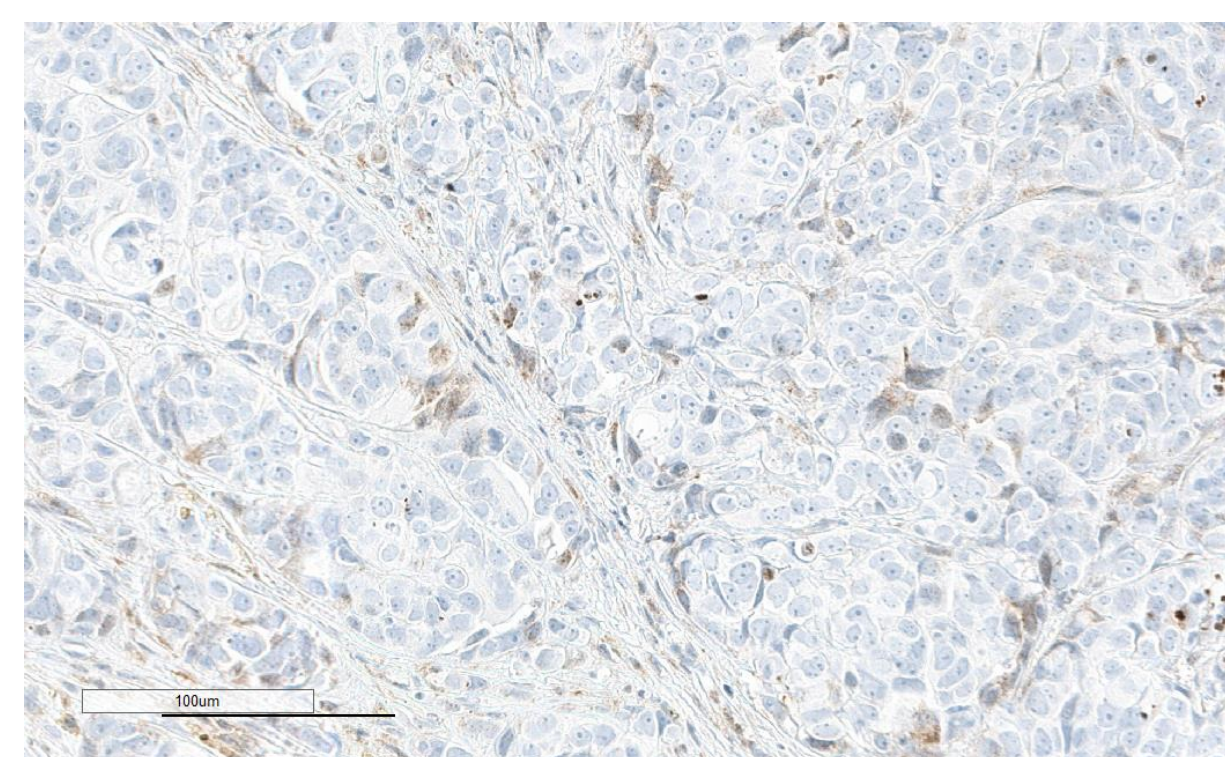
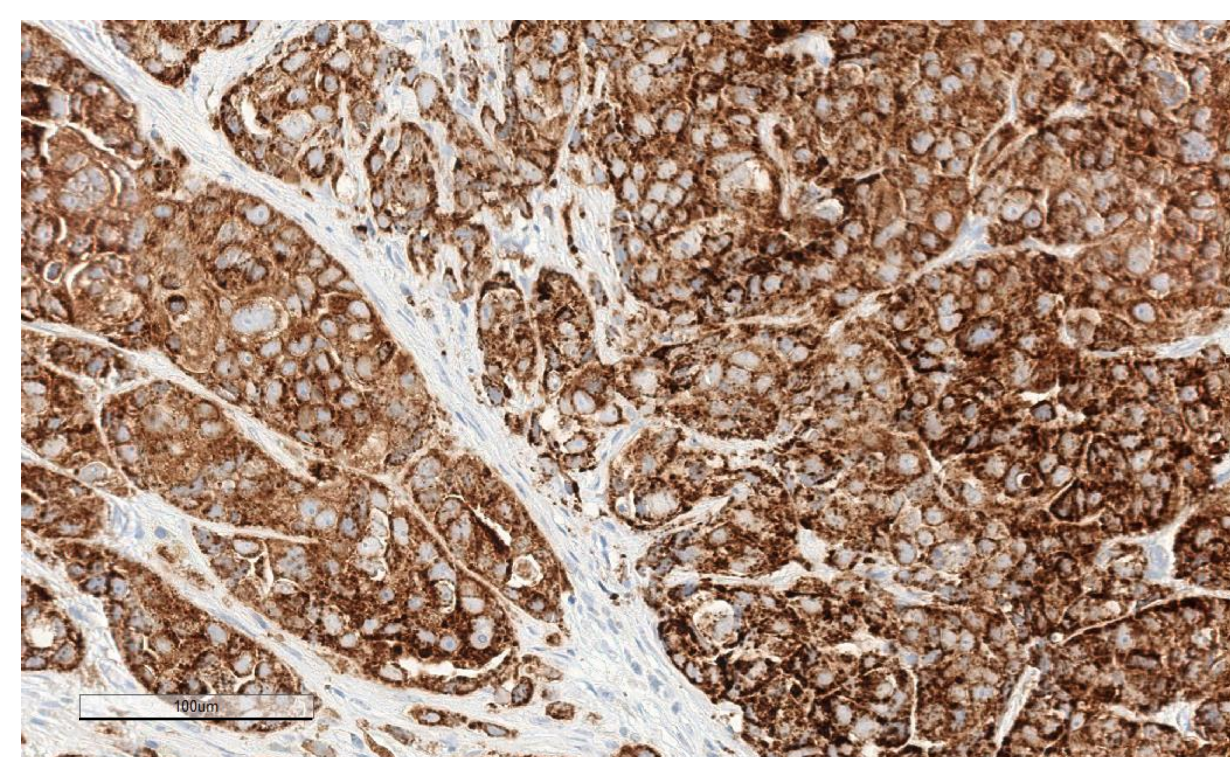
Non-hu
PDX3



Non-hu
PDX9



Non-hu
PDX18



C

huPDX3

huPDX9

huPDX18

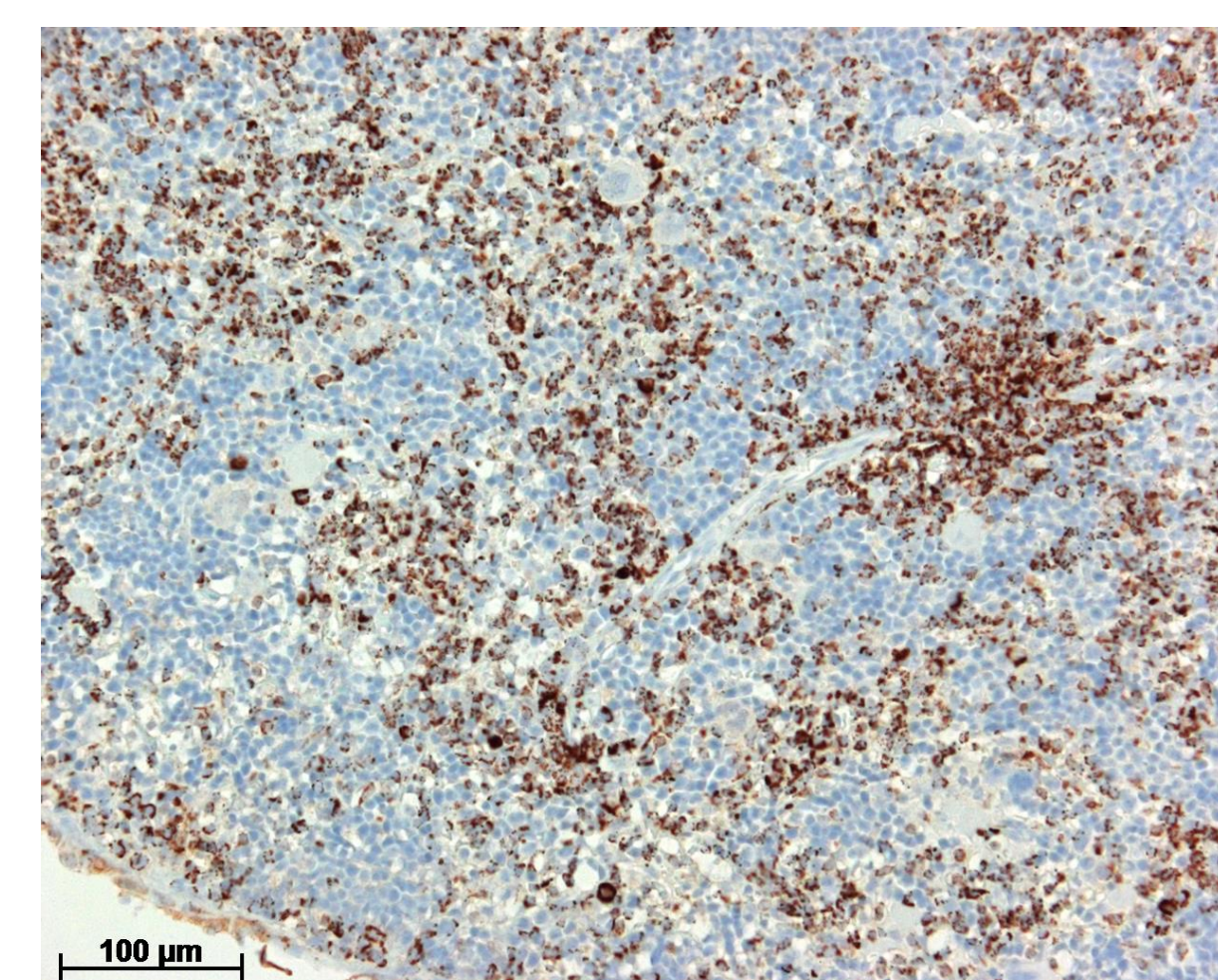
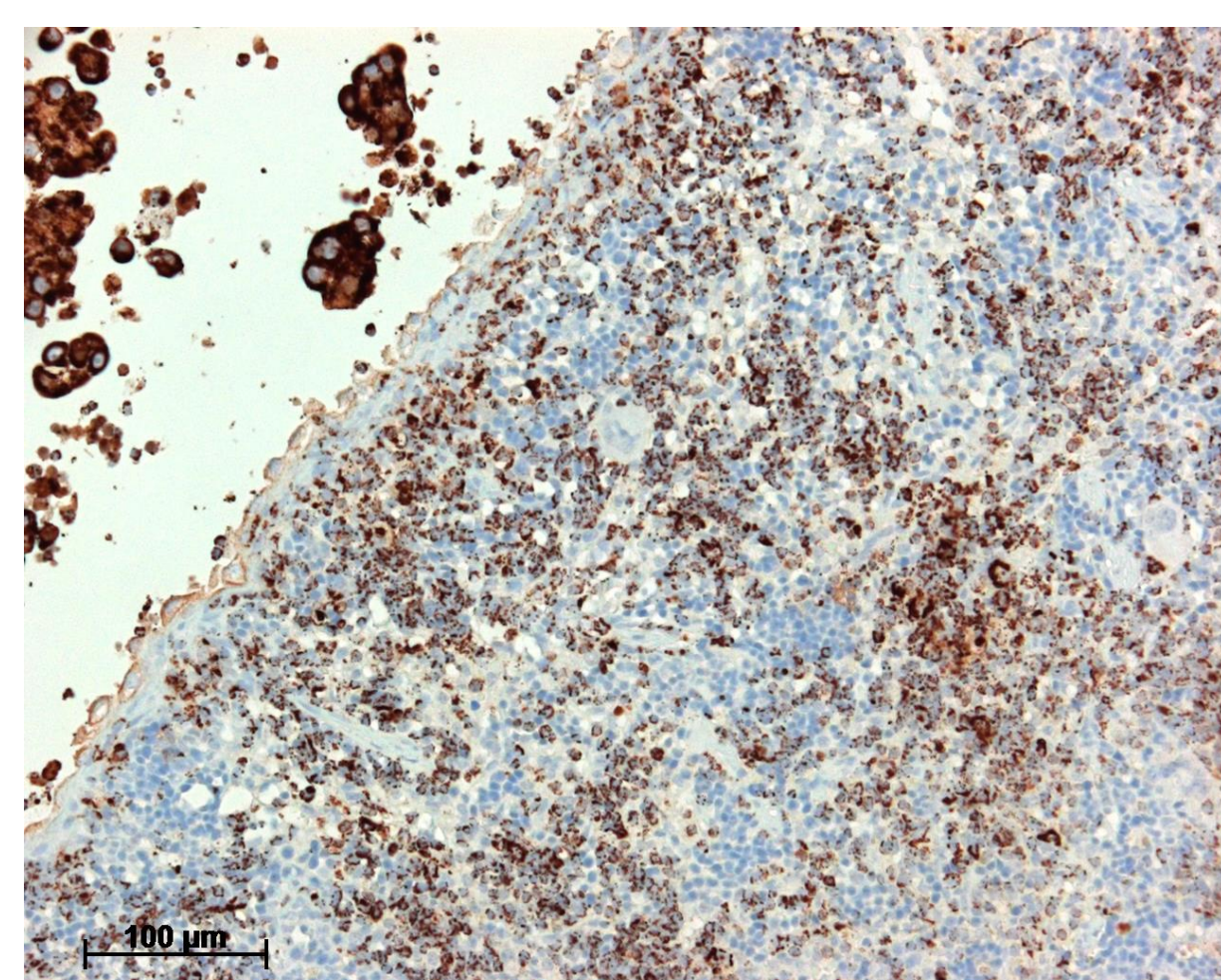
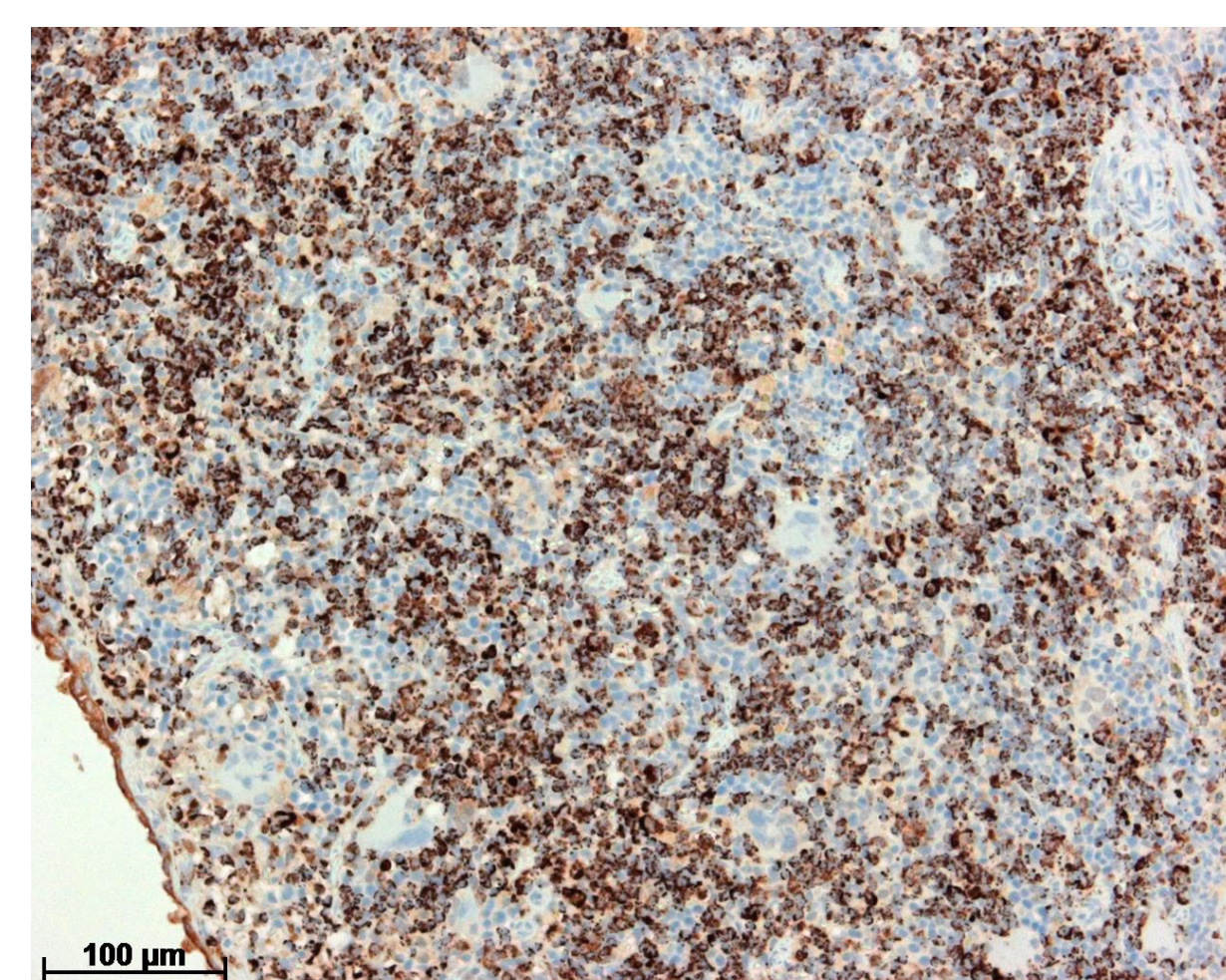


Fig. S5. HALO Quantification of immune cells and vascular density. **A.** An example of HALO quantification of human immune cells in a huPDX tumor. All cells within a tumor section are detected and then each cell is marked as negative or positive (weak, medium, strong) based on the analysis parameters. Scale bar=100 μ m **B.** Immunohistochemistry of non-huPDX control tumors. The human mitochondrial marker labels all PDX cancer cells. The human-specific markers for CD68 and CD3 show little to no background staining. **C.** Spleens from huPDX have populations of human immune cells labeled with the human mitochondria marker. Dark staining of cancer spheroids is also visible in the huPDX9 section (upper left). Scale bars=100 μ m.