Supplemental Figure S1. Example images of growth pattern and histology annotations.
A: Three cases of UC with Urothelial-like appearance (α-SMA staining). All three cases show stretches of smooth, undisrupted tumor-stroma interface. In all three cases, the nuclei are of similar shape and size. Cellular orientation is most evident when palisading of basal cells is observed (right) but some stacking or directionality of cells can be observed even without palisading (left and middle). The tumors are of the Urobasal A subtype.
B: Three cases of UC with “Nodular” invasive growth pattern (Stain: E-Cad, left and middle, H&E, right). C: Three cases of UC with trabecular invasive growth pattern (Stain: E-Cad, left and middle, ERBB2, right).
D: Three cases of UC with infiltrative invasive growth pattern (Stain: H&E). E: Three cases of UC with signs of squamous differentiation of different extent (stain: H&E). F: The same cases as in (E) stained with markers of squamous differentiation (Stain: KRT14, left, DSC2/3, Middle, KRT5, right). The tumors are of the Urobasal B, SCC-like, and SCC-like subtypes, respectively. G: Three cases of UC with signs of glandular differentiation (stain: H&E). The tumors are of the genomically unstable molecular subtype.