



**S8 Fig.** Manual annotation of viable tumor (VT) in QuPath. An adenocarcinoma slide (A-D) and a squamous cell carcinoma slide (E-I) that showed the lowest concordance in VT (%) rating were the subjects of manual VT annotation. (D, I) The VT (%) ratings by the three observers and calculated VT (%) with regard to the annotated VT and tumor bed area.