Supplemental Video 1: 3D rendering of a confocal image captured from CD PitNET tissue derived organoid culture. Movie of z-stack captured through the hPITO37 immunofluorescently stained for CAM5.2 (red) and ACTH (green). Hoechst was used for nuclear staining (blue).

Supplemental Video 2: Time-lapse video of iPSC PitNET derived organoid culture (area 1). Video of live time-lapse brightfield images, captured by a Nikon ECLIPSE Ti2 microscope, of organoid culture scanned automatically every 30 minutes for 72 hours.