## **Description of Additional Supplementary Files**

Supplementary Data 1: Clinical data of CRC patients included in the study.

**Supplementary Data 2:** Patient and zAvatars outcomes and correlations.

**Supplementary Movie 1:** Time-lapse movie of a liver metastasis sample from a colon cancer patient injected into Tg(*mpeg1:mCherry-F*), a zebrafish macrophage reporter line. The video specifically focuses on the tail region.