Figure 6 (2nd Revision) - Segmentation results of both pipelines on a full image

(A) Raw out-of-focus image of a single field of view at day 4.5. (B) Segmentation result of our proposed pipeline. Most cells are correctly split and cell shapes are preserved. (C) Segmentation result of the standard pipeline as shown in Figure 5 (2nd revision). As also quantified in Figure 3 in the main manuscript, the standard pipeline performs very well on images at day 4.5. However, more cells are discontinuously segmented, which is problematic for later shape quantification or automatic tracking approaches.