Here are four sets of images and Cellpose segmentations from a single recording of a pupa expressing the F-actin marker GMA-GFP.

Each stage consists of 100 confocal micrographs. These are saved in TIF format in a folder titled ‘raw’.

The second folder in each stage, ‘cellpose\_all’, contains a copy of every tenth image in the raw sequence, masked to include only segment A2 larval epithelial cells. For each of these masked images, there is a Cellpose segmentation file and a PNG labelled image of the corresponding manual segmentation.

In the ideal situation, we should be able to use the first of the segmentations to segment all other frames in the raw sequence.