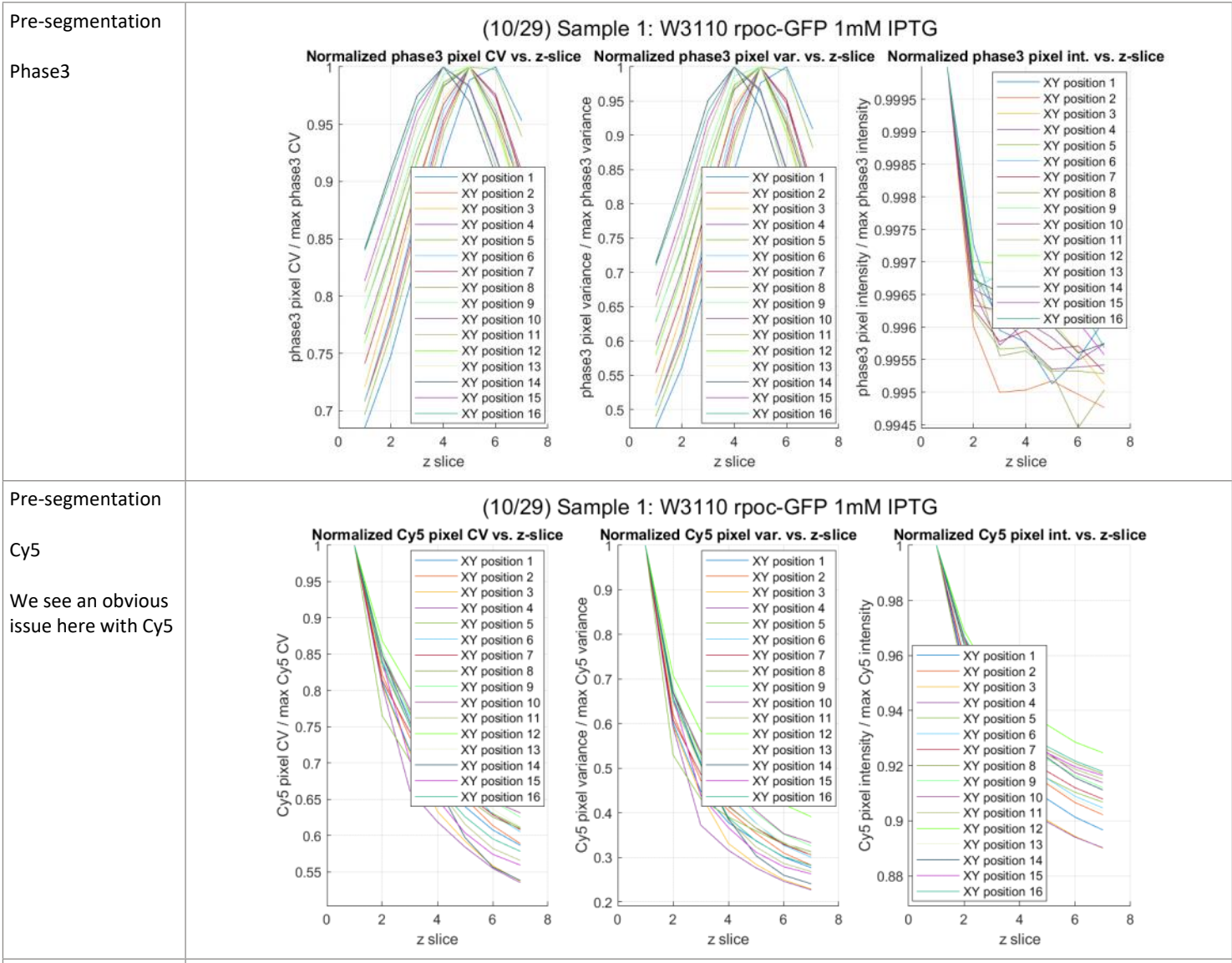


What to expect

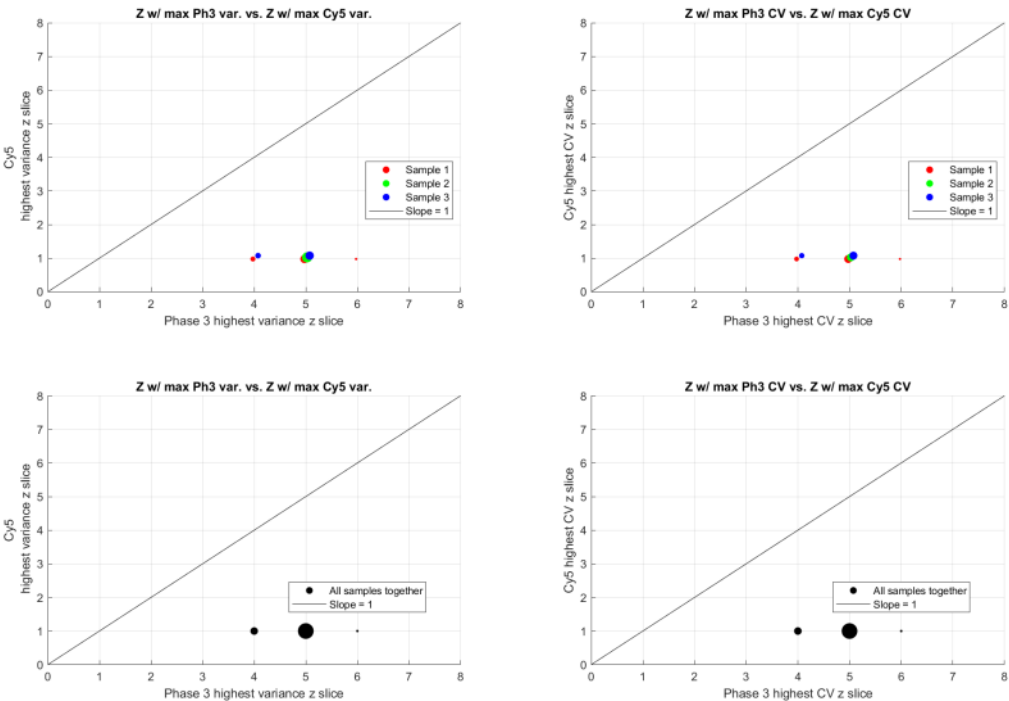
Friday, January 14, 2022 11:02 AM

The following plots are examples of what is created:



Pre-segmentation

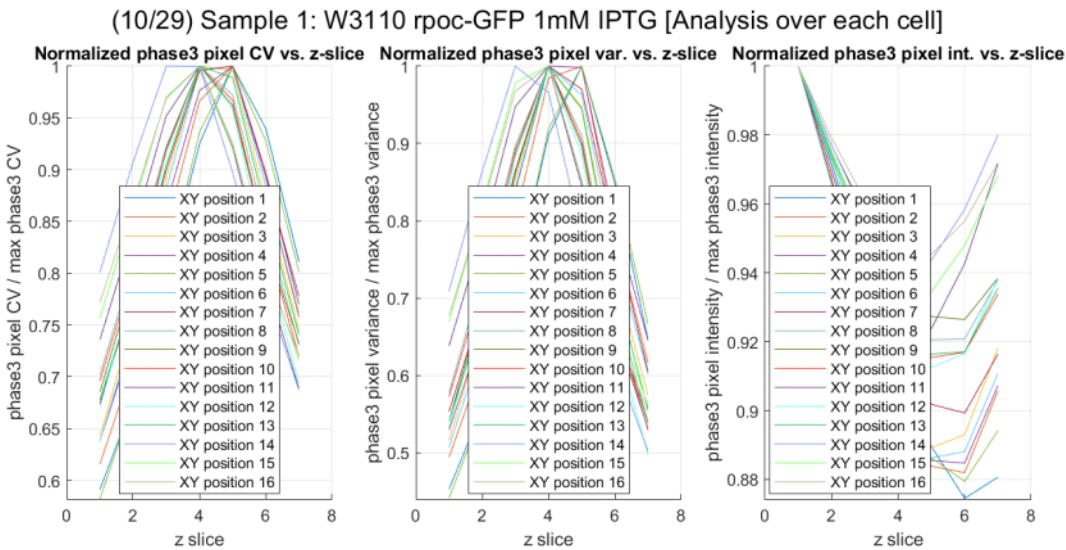
Phase3 vs. Cy5
focus



The same data set as above but now post-segmentation. The information for each slice is determined by combining information from all cells in that image. So, each line and circle is still data from a single image:

Post-segmentation

Phase3

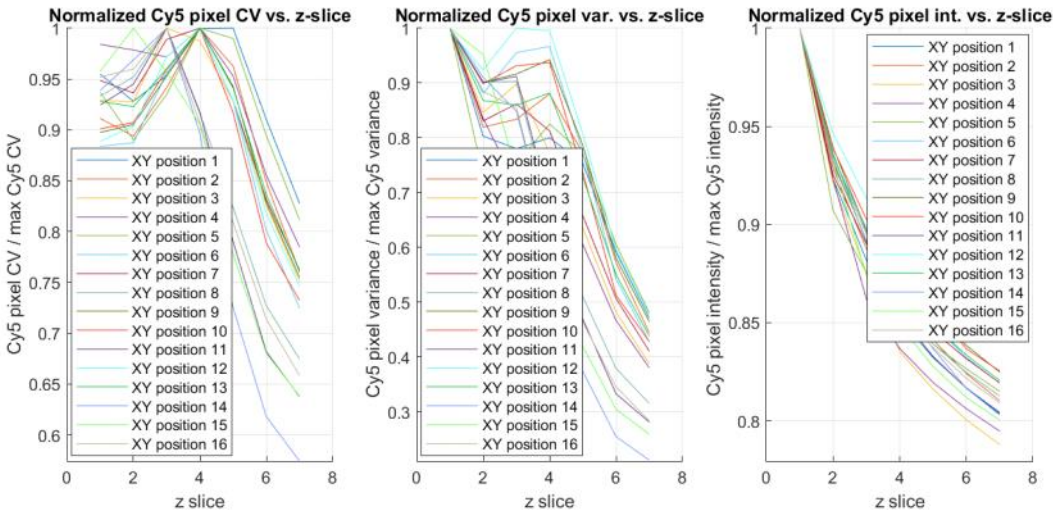


Post-segmentation

Cy5

We see the Cy5
issue is fixed

(10/29) Sample 1: W3110 rpoc-GFP 1mM IPTG [Analysis over each cell]



With circles made of data over cells (rather than by frames, as above)

Post-segmentation

Phase3 vs. Cy5
focus

Still some images
where the Cy5
focus is off. But,
from checking with
microscope images,
we see that finding
the focus cell by
cell had better
results.

