Tk

2022-10-20

Contents

Code

Use the package flowCore to read an FCS file.

Make ungated figure(s)

Gate by area and height

Make post-gated figure(s)

Make density plot

Results

Overlay of time points

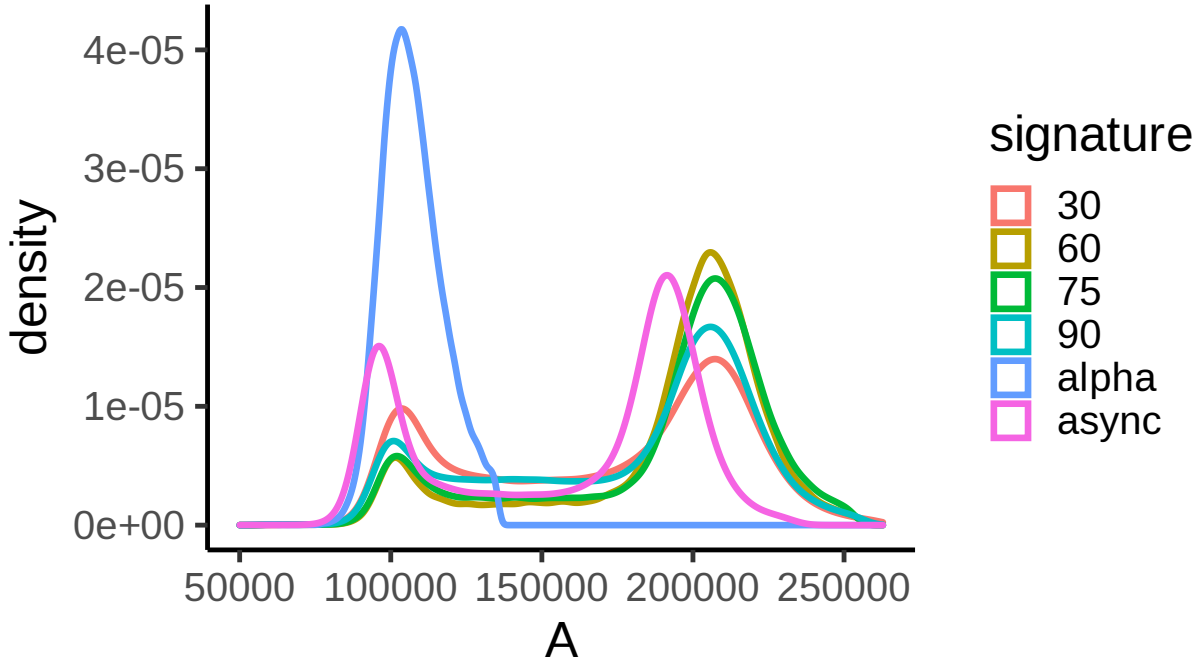

Figure 1: Smoothed density estimates of fluorescence areas measured in the experiment.

Supplemental QC figures

Ungated

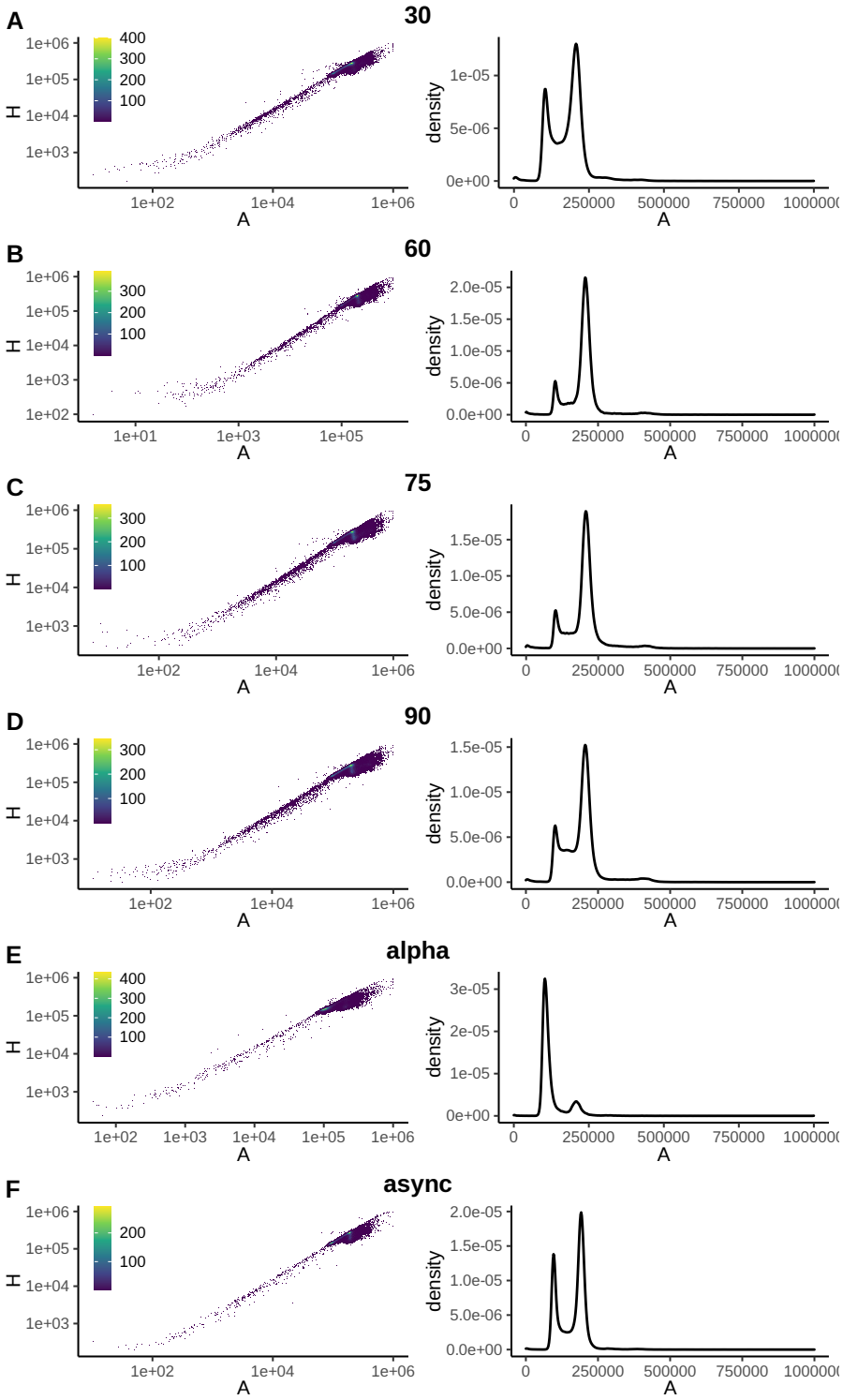

Figure 2: Graphs of ungated data for each of the 6 experimental samples. For each panel, the leftmost graph contains a scatterplot of fluoresence areas (A) and heights (H), color-coded by event counts. The rightmost graph contains the smoothed density estimate of fluoresence areas measured in an experiment.

Post-gated

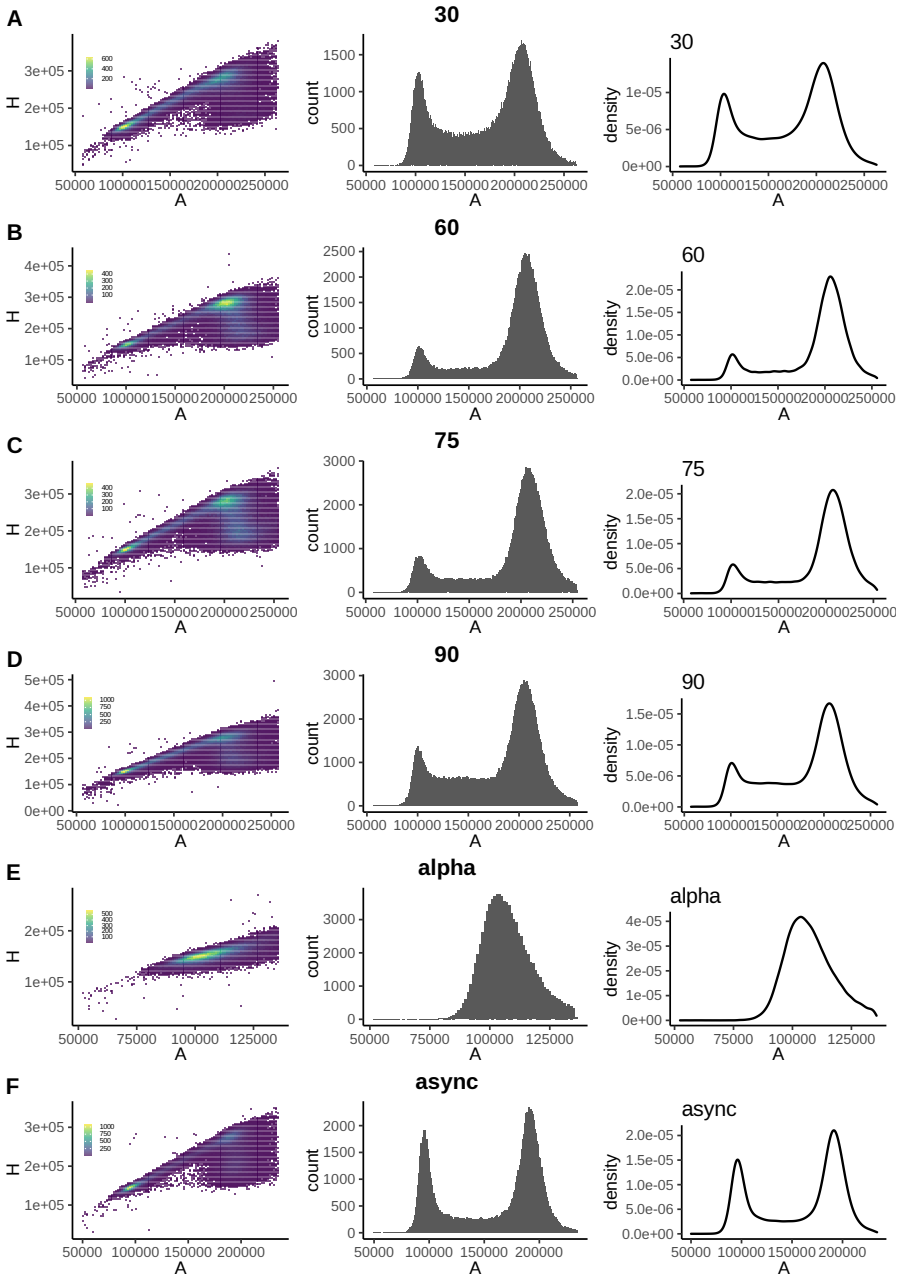

Figure 3: Graphs of *post*-gated data for each of the 6 samples. Three graphs comprise each panel. The leftmost contains the scatterplots of fluoresence heights and areas, color-coded by event count. The middle graph contains the histogram of fluoresence areas, while the rightmost graph is smoothed density estimate of fluorescence areas (i.e. smoothing the histogram in the middle panel).