



Figure 5 - figure supplement 1. No evidence for altered nucleoid/cytoplasm ratio in histone-expressing cells.

Ordered arrays of **(A)** cell sizes, as determined by phase contrast microscopy, and **(B)** DAPI-stained nucleoids in different *E. coli* strains. **C.** Averaged cell contour and DAPI signals are very similar across strains. Averaging was carried out within a size range ($1\mu\text{m}$ - $2.5\mu\text{m}$) well populated by both Ec-EV and Ec-hmfA/B to ensure that differences are not driven by different cell size distributions. See Methods for details on image quantification.