

Figure S2

Histograms of cell perimeters of the *M. luteus* strains *trpE16*, *ope* and Δ *oleABCD*, grown to stationary phase in rich medium. The circumference of individual cells were measured on microscopic images (DIC) with ImageJ, using the Cell Magic Wand plugin (<https://www.maxplanckflorida.org/fitzpatricklab/software/cellMagicWand/>). The mean and standard deviations of the perimeters, as well as the number of measurements (n) are shown in the insets. The distributions of cell perimeters were not significantly different among the three strains (Wilcoxon rank-sum test for all comparison pairs, $P > 0.05$).

