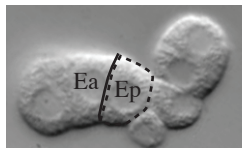


Fig. S1



- Contact length Ea/Ep
- - - - Perimeter of Ep, from which Radius and Circularity is calculated

$$\text{Contact Length Ratio} = \frac{\text{Contact length}}{\text{Radius}}$$

$$\text{Circularity} = 4\pi \left(\frac{\text{Area}}{\text{Perimeter}^2} \right)$$