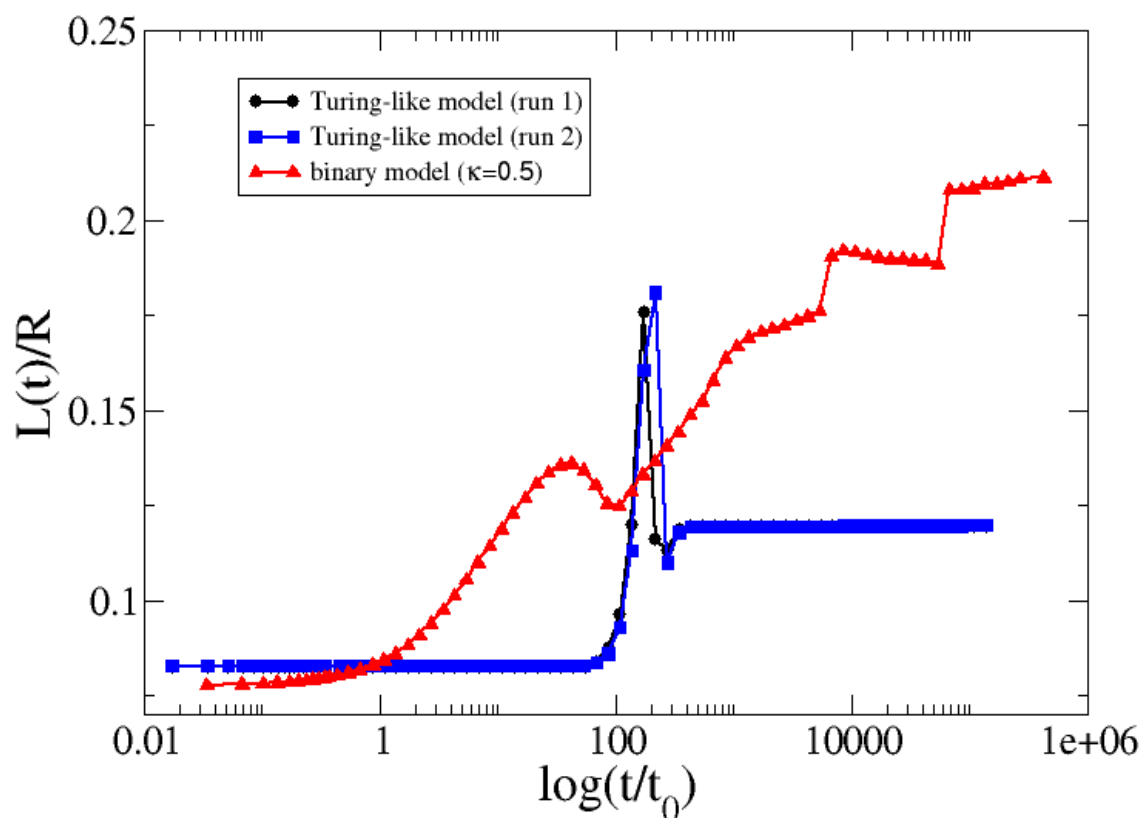Electronic Supplementary Information (ESI) for:
Domain formation on curved membranes: phase separation or Turing patterns?
E. Orlandini, D. Marenduzzo* and A. B. Goryachev

Suppl. Fig. 1 This plot shows the time evolution of the square root of the inverse second moment of the structure factor (which defines a length scale L(t), here scaled by the radius of curvature R of the sphere on which the pattern formation is studied). The three curves correspond to two runs with the Turing-like model (different random seed to initialize them) and to the binary fluid model (see legends).
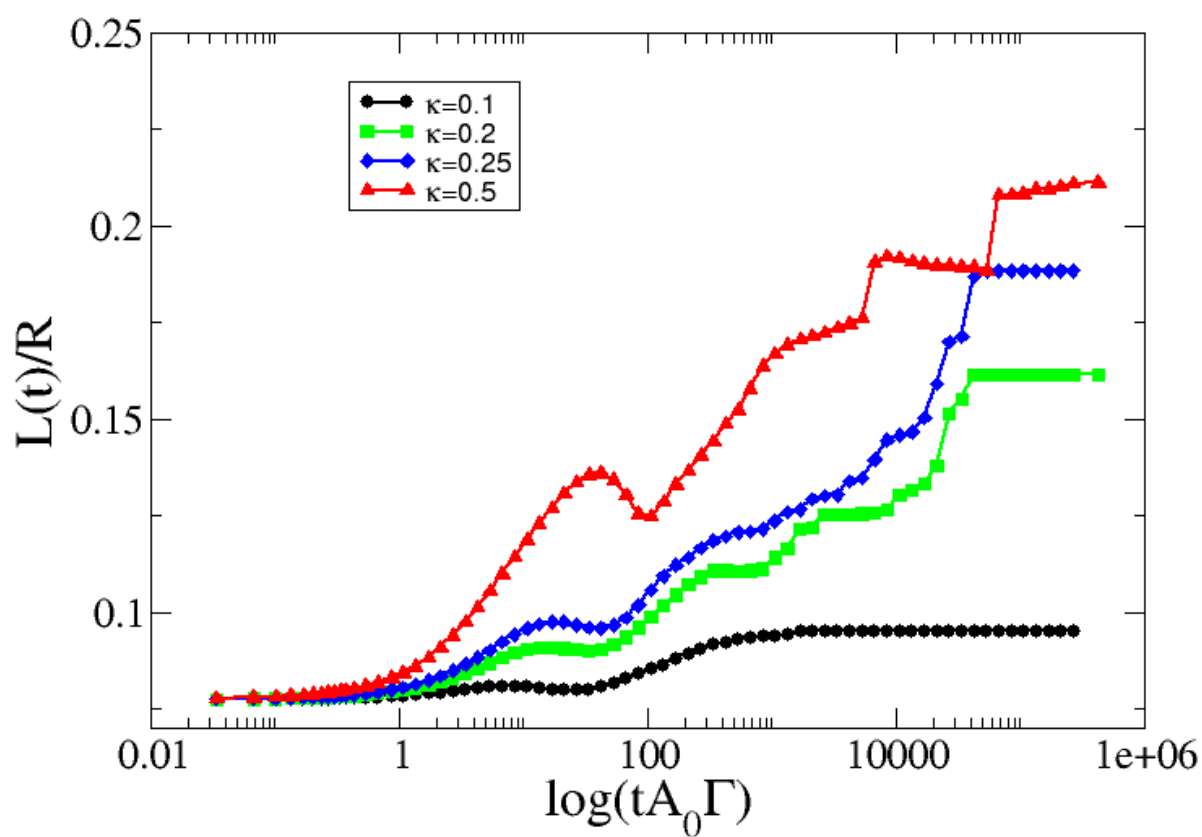
Suppl. Fig. 2 As in Suppl. Fig. 1, but for the binary model, and different values of κ (see legend for the values corresponding to each curve).

Suppl. Movie 1 This movie shows the dynamics corresponding to Fig. 2 in the main text, for the Turing-like model (the colour scale is now linear unlike in Fig. 2).

Suppl. Movie 2 This movie shows the dynamics corresponding to Fig. 2 in the main text, for the binary model.

Suppl. Movie 3 This movie shows the dynamics corresponding to Fig. 5 in the main text, for the Turing-like model.

Suppl. Movie 4 This movie shows the dynamics corresponding to Fig. 5 in the main text, for the binary model.