

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: The EPYC1-Rubisco phase separation

Droplets were generated using 15 μM Rubisco and 10 μM EPYC1 spiked with 0.1 μM EPYC1-GFP. After 3 min, DIC and epifluorescence images were acquired every 2 s, channels were pseudocolored and merged in ImageJ/Fiji, and exported with 10 frames per second, resulting in a 20x accelerated movie.

File Name: Supplementary Movie 2

Description: Transition of droplet morphology upon small subunit addition

Droplets were generated as described for Fig. 4e. 10 s after addition of CrRbcS, DIC and epifluorescence images were acquired every 2 s, channels were pseudocolored and merged in ImageJ/Fiji, and exported with 10 frames per second, resulting in a 20x accelerated movie.