

Descriptions of Additional Supplementaty Files

Supplementary Movie 1

Description: Confocal microscopy timeseries of 23 mM precursor and 4.1 mM poly-U (Cy3-A15 hybridized) after the addition of 25 mM EDC. The complete cycle of dynamic droplets is shown.

Supplementary Movie 2

Description: Confocal microscopy timeseries of 23 mM precursor and 4.1 mM poly-U (Cy3-A15 hybridized) after the addition of 25 mM EDC. Vacuole formation in dynamic droplets is shown.

Supplementary Movie 3

Description: Confocal microscopy timeseries of 23 mM precursor and 4.1 mM poly-U (Cy3-A15 hybridized) after the addition of 25 mM EDC. Loss of mini-fragments of a single droplet is shown.

Supplementary Movie 4

Description: Confocal microscopy timeseries of 23 mM precursor and 4.1 mM poly-U (Cy3-A15 hybridized) after the addition of 25 mM EDC. Fragmentation of several droplets can be seen.