Supplementary Information

Phase behavior and morphology of multicomponent liquid mixtures

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Supplementary Video 1: Moving cuts through the phase diagram for the 4-component mixture displayed in Fig. 3.

Supplementary Video 2: Temporal evolution of “pearled-chain”-like structures displayed in Fig. 7.

Supplementary Video 3: Temporal evolution of 4-phase “Russian doll” droplets displayed in Fig 8c.

Supplementary Video 4: Moving cuts through the structure for the 5-phase “Russian doll” droplets displayed in Fig. 11a.

Supplementary Video 5: Moving cuts through the structure for the encapsulated triplets displayed in Fig. 11b.

Supplementary Video 6: Moving cuts through the structure for the encapsulated emulsions displayed in Fig. 11c.

Supplementary Video 7: Moving cuts through the structure for the emulsions displayed in Fig. 11d.