

Descriptions of Additional Supplementary Files:

File Name: Supplementary Movie 1

Description: Vesicle adhesion and VIM formation

File Name: Supplementary Movie 2

Description: Constructing and reconfiguring vesicle networks

File Name: Supplementary Movie 3

Description: Formation of tethers

File Name: Supplementary Movie 4

Description: Laser-mediated fusion of gold nanoparticle labelled vesicles