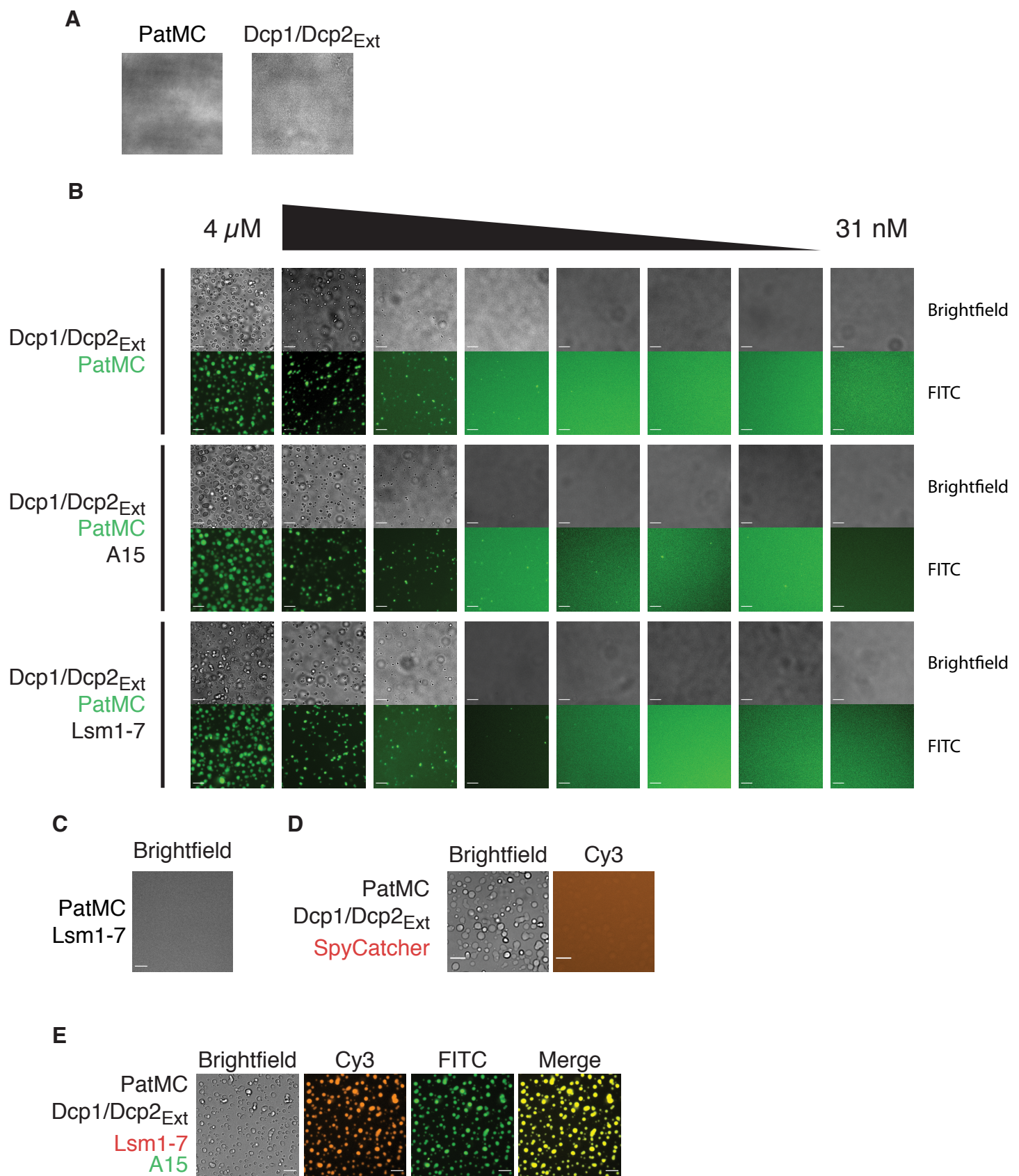




Supplemental Figure 5: The multivalent PatMC/Dcp2_{Ext} interaction is required for liquid-liquid phase separation.

A, Brightfield images of 2.5 μ M MBP-PatMC or Dcp1/Dcp2_{Ext} alone **B**, Brightfield images of serial dilutions of droplets containing MBP-PatMC/Dcp1/Dcp2_{Ext} with A15 RNA or Lsm1-7. (0.1 μ M MBP-PatMC labelled). **C**, Brightfield images of 2.5 μ M PatMC and Lsm1-7 **D**, Brightfield and fluorescence microscopy of 2.5 μ M MBP-PatMC and Dcp1/Dcp2_{Ext} with 0.1 μ M Alexa555-Spycatcher labelled. **E**, Brightfield and fluorescence microscopy of 2.5 μ M MBP-PatMC/Dcp1/Dcp2_{Ext}/Lsm1-7 droplets with 0.1 μ M FAM-rA15 and 0.1 μ M Alexa555-Lsm1-7. All images taken at 40x magnification. Scale bar, 10 μ m.