

**Figure S2:** Atomic Force Microscopy (AFM) analysis of string-like structures composing condensates. (a) Illustration and representative images of three conditions of three different monomers. Scale bars represent 100 nm. (b) Box plot of string lengths in nanometers (nm), corresponding to each condition (i) through (ix) as shown in (a). (c) Box plot of string lengths in unit monomer estimated, corresponding to each condition (i) through (ix) as shown in (a). (c) Box plot of string lengths in unit monomer estimated, corresponding to each condition (i) through (ix) as shown in (a). Length per unit tetrahedron is estimated to be 10.71 nm based on measurement. Length per unit tetrahedron with the presence of L-Linker is estimated to be 17.85 nm, with 1 bp = 0.34 nm.