

Supporting Information

Mechanophotonics: Precise-Selection, Assembly and Disassembly of Polymer Optical Microcavities via Mechanical Micromanipulation for Spectral Engineering

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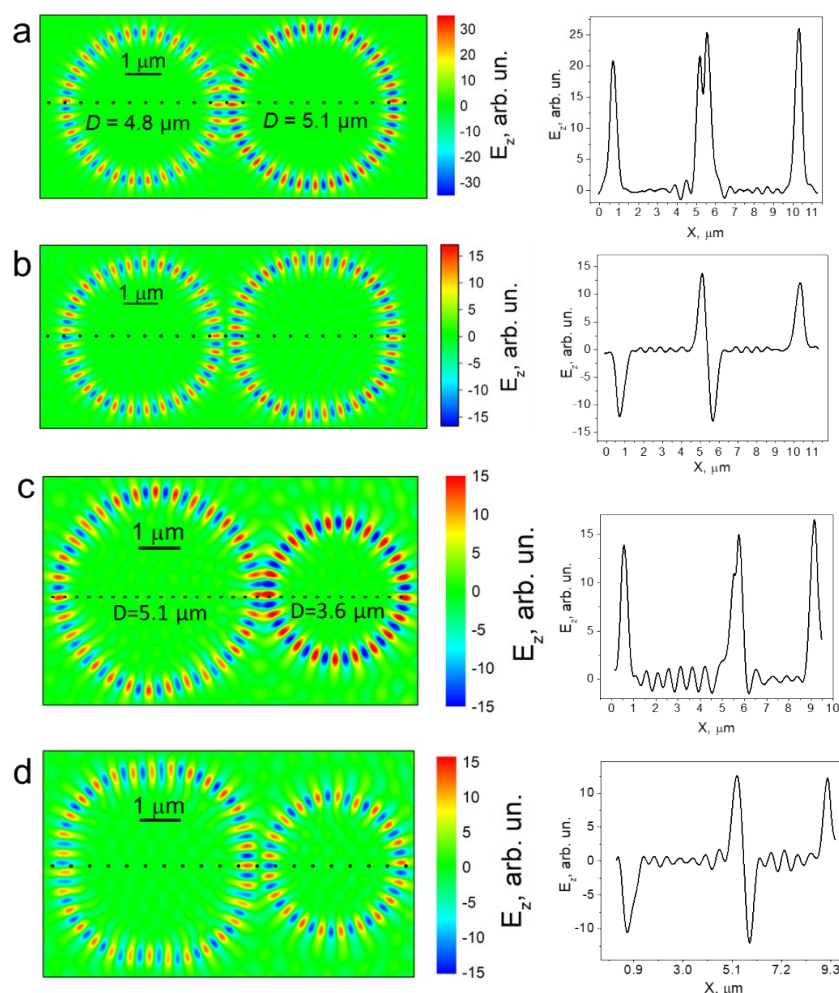


Figure S1. a and b) Calculated electric field (E_z) distributions for bonding and anti-bonding modes in the dimer for TM-31 and TM-29 modes corresponding to cavities *A* and *B*, respectively. c and d) Calculated electric field (E_z) distributions for bonding and anti-bonding modes in the dimer for TM-31 and TM-21 modes corresponding to cavities *B* and *C*, respectively. The considered distance between the spheres is 50 nm.

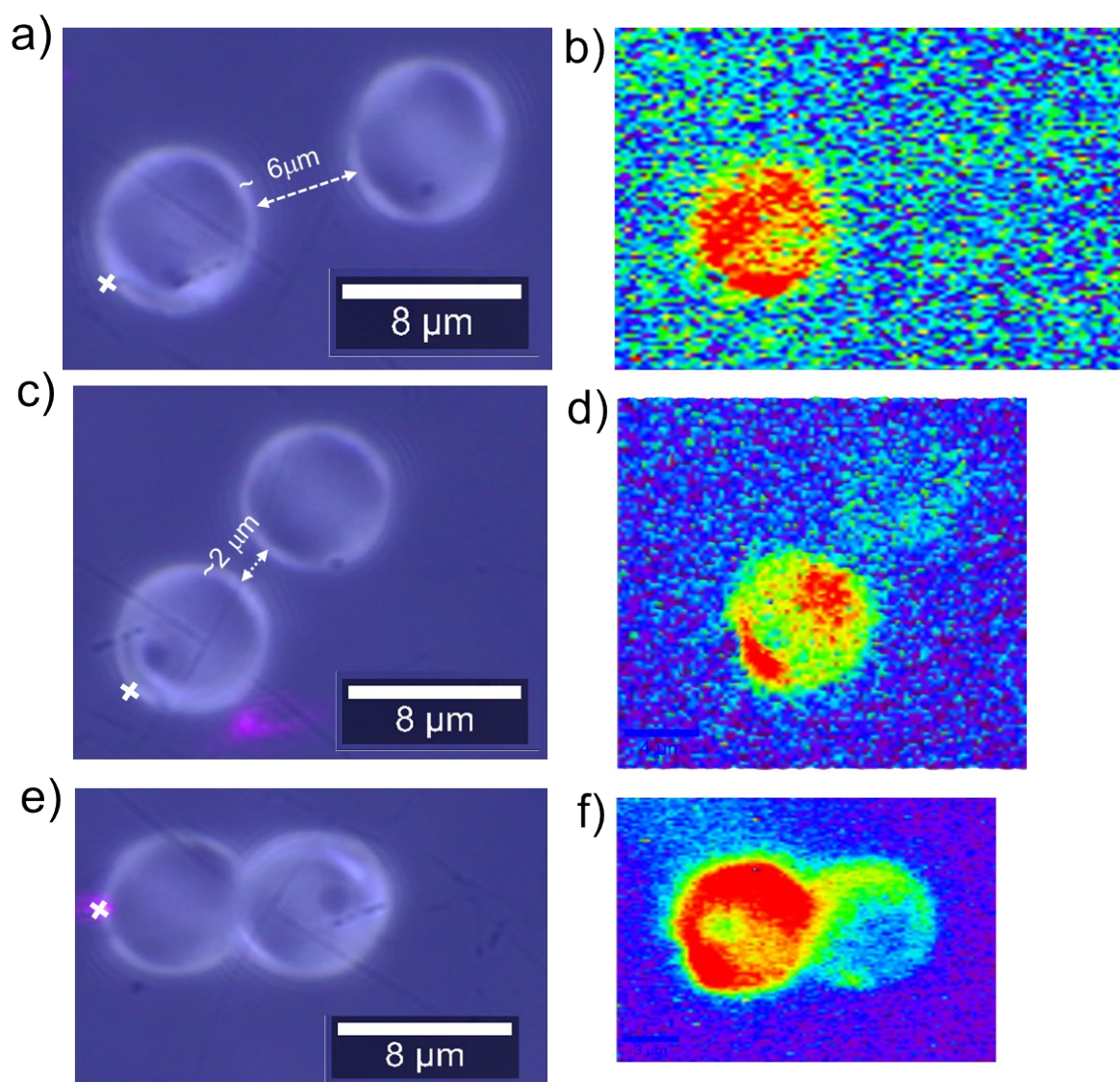


Figure S2. a, c, and e) Adjusting the gap between the WGM cavities via AFM cantilever. The “x” label indicates the excitation position. The corresponding FL images are shown in b, d, and f).