

## Supplementary information

# Self-assembled DNA Tetrahedral Optofluidic Lasers with Precise and Tunable Gain Control

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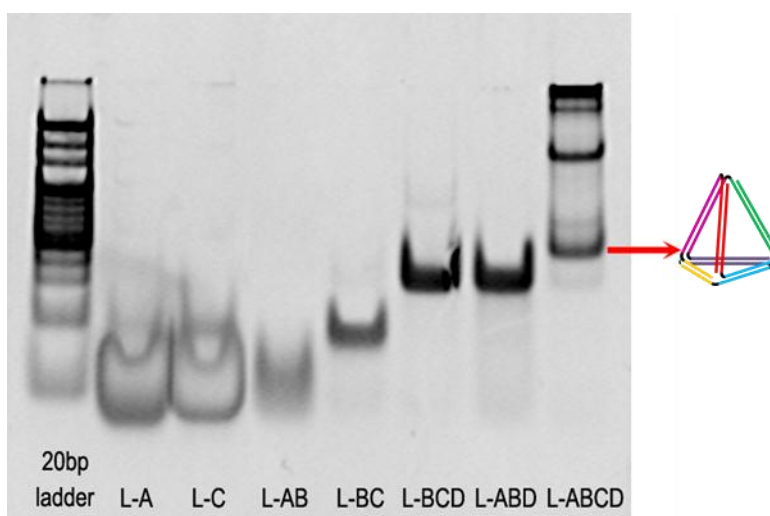
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Name	Sequence (5'-3')
LA1	cy3-TAAGTCTGAAAATTACAGCTTACGCCATAGTA
LA2	cy5-TAAGTCTGAAAATTACAGCTTACGCCATAGTA
LB	cy5-TATCACCAGGAAAGCTGTAATAGGTCCAATAC
LC	cy3-CCTGGTGATAATACGTGGGAAATACTATGGCG
LD1	cy3-TTCAGACTTAATTCCCACGTAAGTATTGGACC
LD2	cy5-TTCAGACTTAATTCCCACGTAAGTATTGGACC

**Table S1.** DNA strands used in the experiment. LA2, LB, LC, LD2 are for 1Cy3-3Cy5, the left tetrahedron in Fig. 1(A). LA1, LB, LC, LD1 are for 3Cy3-1Cy5, the right tetrahedron in Fig. 1(A).



**Figure S1.** Purification of the DNA tetrahedra with native PAGE gel. The band with the red arrow corresponds to the formed DNA tetrahedra.