

# IP MARKETPLACE

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## NUCLEIC ACID POLYOMINOES



### ▶ MORE INFORMATION

#### MEGA-TREND

- **Chemicals and Materials**

#### TECHNOLOGY READINESS LEVEL (TRL)

- **TRL 3**

#### PATENT/ GRANTED NUMBER

- **MY-185335-A**

### ▶ TECHNOLOGY OVERVIEW

A present invention discloses a nucleic acid polyominoes according to an embodiment. The polyominoe includes a number of elementary blocks. Each of the blocks has at least two single-stranded DNA sequences. A plurality of the blocks assembles into different heterogeneous shapes, further assembling into a larger structure- polyominoe. Formation of the polyominoe structure depends upon the self-organizing property of the DNA sequences, and independent of pre-fixed configuration of binding between the DNA shapes.

The larger structure is optimized to generate a target nucleic acid polyominoe structure.

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## CONTACT US!

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