

Supplementary information

An oligonucleotide synthesizer based on a microreactor chip and an inkjet printer

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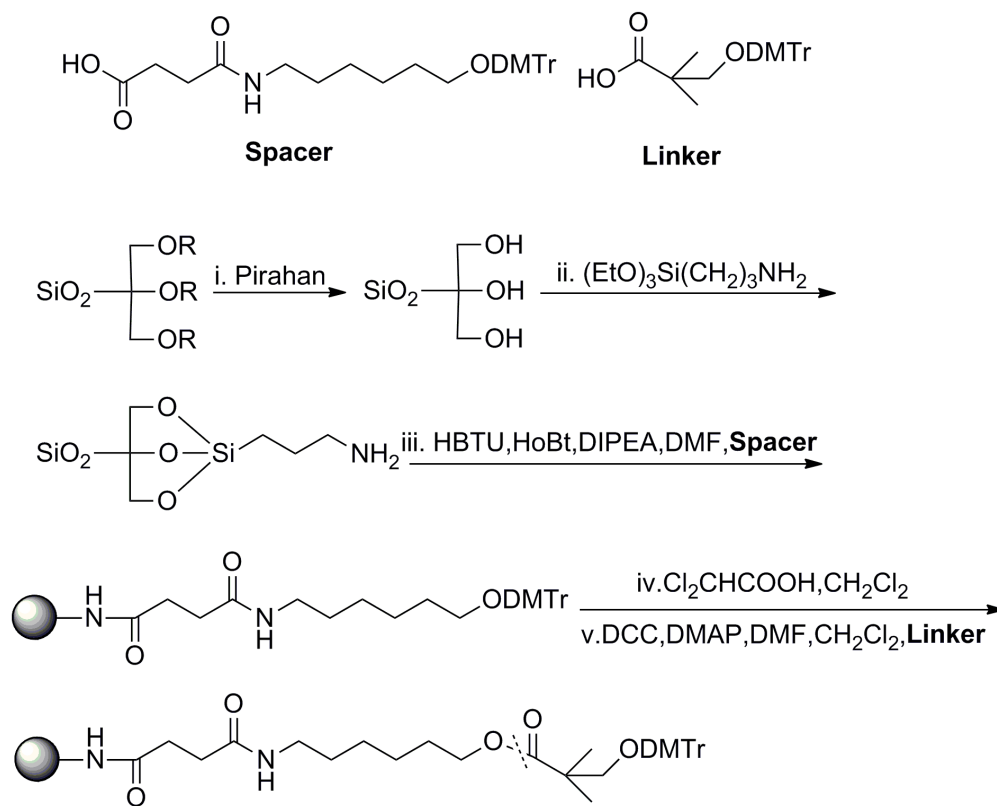


Fig. S1 Surface treatment of the sintered beads for oligo synthesis.

Table S1. The relative oligo amount and synthesis efficiency in each step

Oligos	Relative amount	Synthesis efficiency
Initial	65	NA
1 monomer	100	79%
2 monomers	52	59%
3 monomers	39	63%
4 monomers	29	56%
5 monomers	14	43%
6 monomers	7.5	35%