

Supplementary materials

Selectivity and Affinity of DNA Triplex Forming Oligonucleotides Containing the Nucleoside Analogues 2'-*O*-Methyl-5-(3-amino-1-propynyl)uridine and 2'-*O*-Methyl-5-propynyluridine

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Table S1 Maldi-TOF data of Oligos

Oligonucleotides	(M+H) ⁺ _{calculated}	(M+H) ⁺ _{found}
5' -TTTCTCTTTTTTCTTCTAC - 3' 5	5653	5653
3' -AAAGAGAAAAAAGAAGATG - 5' 6	5961	5962
3' -TTTCTCTTTTTTCTTCT - 5' 7	5616	5617
3' -TTTCTC 1 TTTT 1 C 1 TC 1 - 5' 8	5712	5713
3' -TTTCTCT 1 T 1 T 1 C 1 TCT - 5' 9	5712	5712
3' -TTTCTCT 1111 TCTTCT - 5' 10	5712	5713
3' -TTTCTC 2 TTTT 2 C 2 TC 2 - 5' 11	5772	5772
3' -TTTCTCT 2 T 2 T 2 C 2 TCT - 5' 12	5772	5772
3' -TTTCTCT 2222 TCTTCT - 5' 13	5772	5773
3' -T 4434 CTTTTTTCTTCT - 5' 14	5732	5733
3' -T 4434 CT 2 T 2 T 2 C 2 TCT - 5' 15	5888	5888
3' -T 4434 C 22 TTTT 2 C 2 CT - 5' 16	5888	5889
3' -T 4434 C 2 T 2 TTTCT 2 C 2 - 5' 17	5888	5889

In oligos **7-17**, T is 2'-O-Me-5-methyle dU, C is 2'-O-Me-5-methyl dC. **1**: 2'-O-Methyl-5-propynyluridine, **2**: 2'-O-Methyl-5-(3-amino-1-propynyl)uridine, **3**: 2'-aminoethoxy-5-methyl dC, **4**: 2'-aminoethoxy-5-methyle dU.

Figure S1

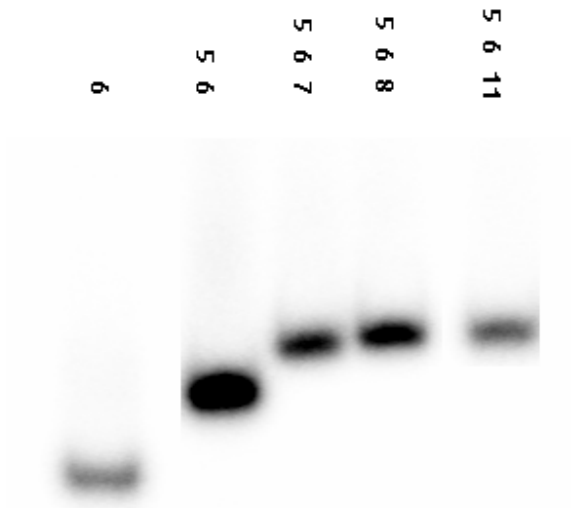


Fig. S1 The profile of non-denaturing gel electrophoresis of triplexes.