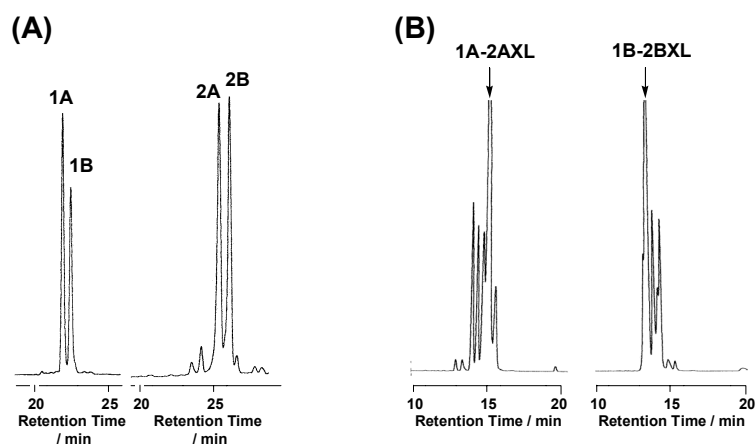


## Structural Arrangement of Two DNA Double Helices Using Cross-Linked Oligonucleotide Connectors

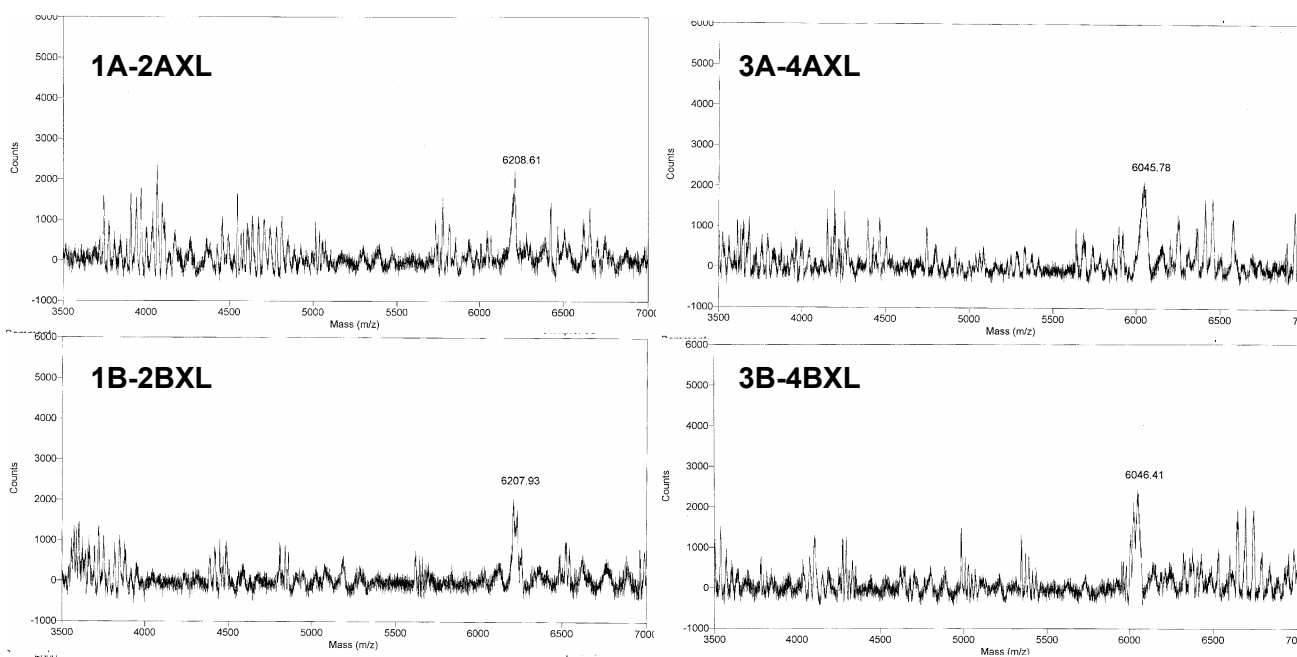
Masayuki Endo\* and Tetsuro Majima\*

*Institute of Scientific and Industrial Research, Osaka University*

*8-1 Mihogaoka, Ibaraki, Osaka 567-0047, Japan.*



**Fig. S1** HPLC profiles for the diastereomers mixtures of **1** and **2** (A), and the reaction mixtures of the cross-linked oligonucleotides with diastereochemically pure oligonucleotides (B). HPLC conditions, (A) linear gradient with 2-12 % acetonitrile/water (30 min) containing 50 mM ammonium formate, Nacalai Cosmosil C18 reversed-phase column (7.5 x 150 mm), 2.0 mL/min, 260 nm; (B) 2-15 % acetonitrile/water (20 min) and the same conditions as in (A).



**Fig. S2** MALDI-TOF-MS of the cross-linked oligonucleotides.