Electronic Supplementary Material (ESI) for RSC Advances.

Antisense oligonucleotide modified with serinol nucleic acid (SNA) induces exon skipping in *mdx* myotubes.

Bao T. Le,[a,b] Keiji Murayama,[c] Fazel Shabanpoor,[d] Hiroyuki Asanuma[c] and Rakesh N. Veedu[a,b*]

[a]*Centre for Comparative Genomics, Murdoch University, Perth 6150 Australia;* [b]*Perron Institute for Neurological and Translational Science, Perth, Australia-6009;* [c]*Department of Biomolecular Engineering, Nagoya University, Furo-cho, Chikusa-ku, Nagoya 464-8603, Japan;* [d]*Florey Department of Neuroscience and Mental Health, University of Melbourne, Parkville VIC 3052, Australia.*

rveedu@ccg.murdoch.edu.au

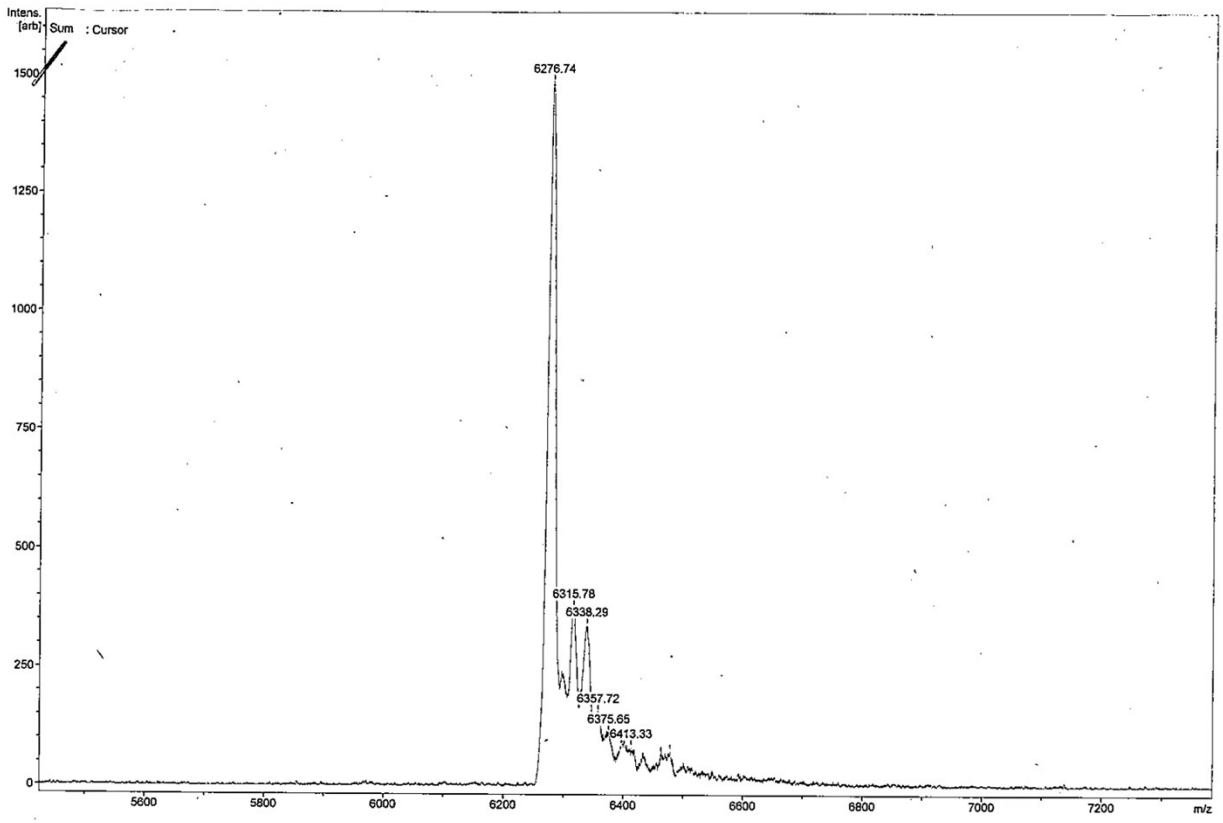

Figure S1. MALDI-ToF MS analysis of SNA AO. Calculated: 6279 Da; Found: 6276.74 Da.

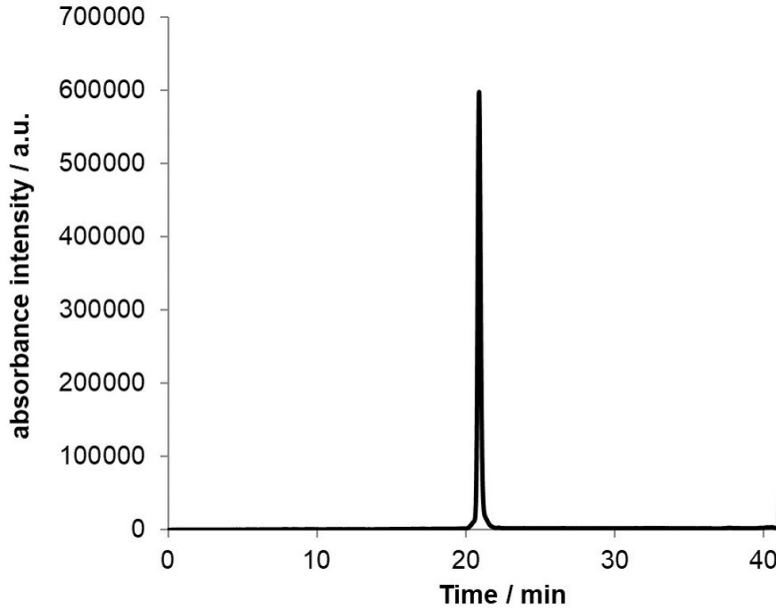

Figure S2. HPLC chromatogram of SNA AO.

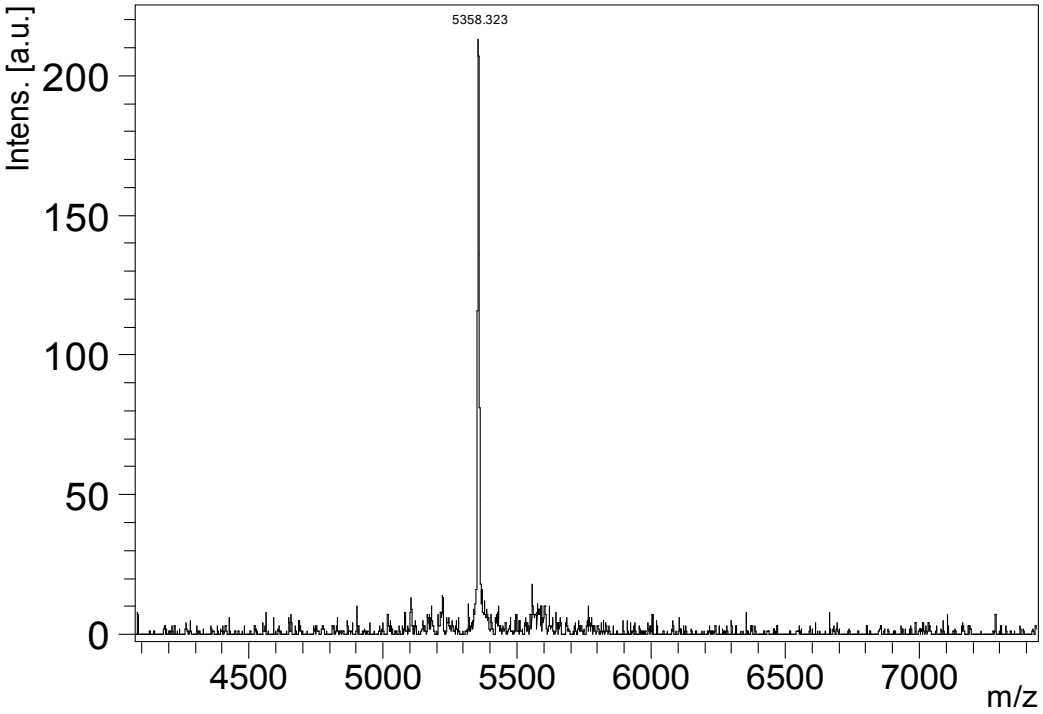

Figure S3. MALDI-ToF MS analysis of PNA AO. Calculated: 5358.1 Da; Found: 5358.3 Da.

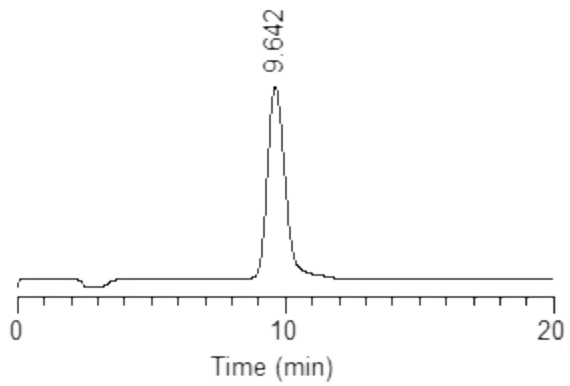

Figure S4. HPLC chromatogram of PNA AO.

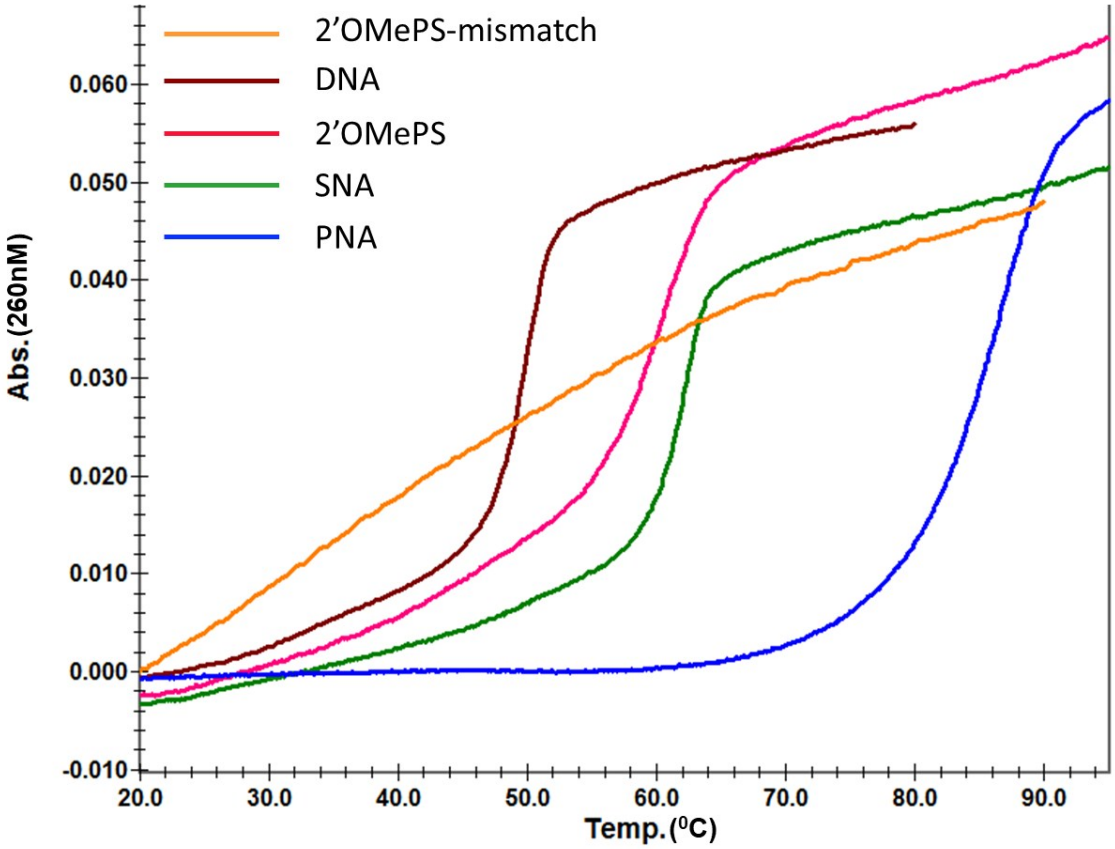

Figure S5. Melting profiles of duplexes with complementary synthetic RNA target.