Supplementary Materials: Synthesis of Morpholino Nucleic Acid (MNA)-Uridine Phosphoramidite, and Exon Skipping Using MNA/2′-*O*-Methyl Mixmer Antisense Oligonucleotides

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1. Purity of the Synthesized Antisense Oligonucleotides

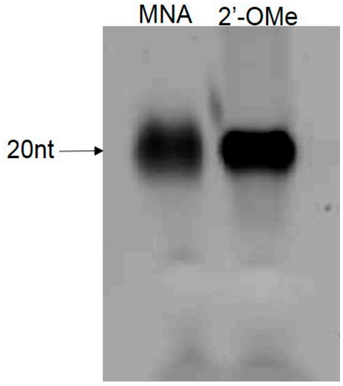

Figure S1. Analysis of the purity of the synthesized AOs by 15% denaturing polyacrylamide gel electrophoresis.

2. MALDI-ToF MS Analysis of Antisense Oligonucleotides

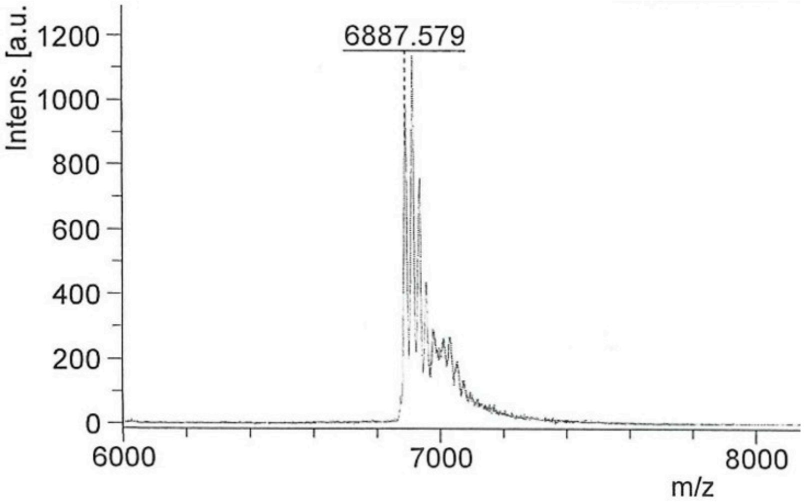

Figure S2. MALDI-ToF MS analysis of 2′-OMePS AO. Calculated: 6887.5 Da; Found: 6887.579 Da.

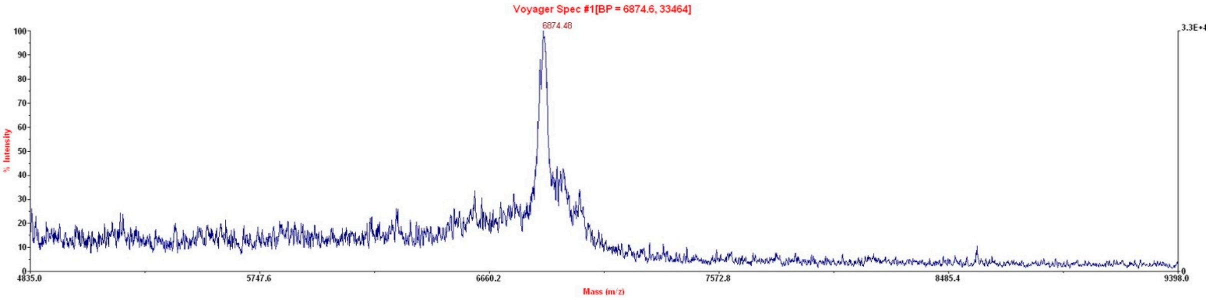

Figure S3. MALDI-ToF MS analysis of MNA/2′-OMePS AO. Calculated: 6872.5 Da; Found: 6874.48 Da.

3. RT-PCR and Densitometry Analysis Data

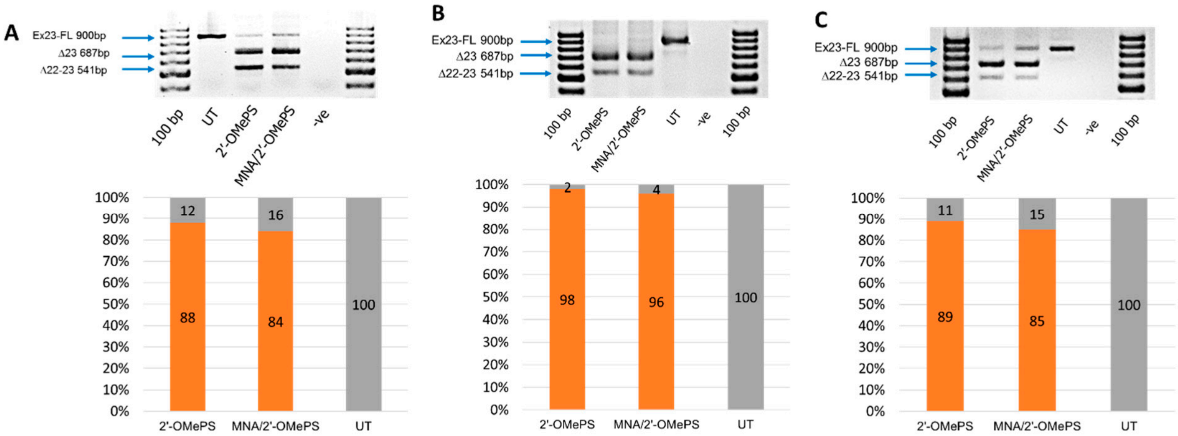

Figure S4. RT-PCR and densitometry analysis of exon 23 skipping in cultured *mdx* myotubes. A, B, C: RT-PCR results and densitometry data shown in triplicates. 🟧 Percentage of exon-skipping products; ⬜ Percentage of full length product; UT: Untreated.

4. In Vitro Evaluation of Cell Viability

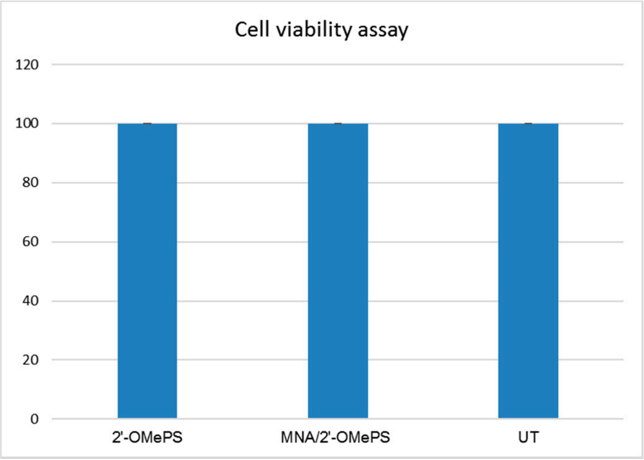

Figure S5. Cell viability assay after 24 h of transfection. UT: Untreated.