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(54) **SINGLE-STRANDED RNA-EDITING OLIGONUCLEOTIDES**

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(57) **ABSTRACT**

The invention relates to antisense oligonucleotides that are capable of bringing about specific editing of a target nucleotide (adenosine) in a target RNA in a eukaryotic cell, wherein said oligonucleotide does not, in itself, form an intramolecular hairpin or stem-loop structure, and wherein said oligonucleotide comprises a cytidine non-complementary, nucleotide) or a uridine in a position opposite to the target adenosine to be edited in the target RNA region.

Specification includes a Sequence Listing.

AON ADAR56

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  3'-UGACCUUUUGAUGGACAAGGUACCGGUUGUGAACAGUGAUGAAAG-5'
5'-CUACUGGAAAACUACCUGUUCCAUAGCCAACACUUGUCACUACUUUCUCUUAUGGUGUUCAAUGCUUU-3'
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AON ADAR57

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  3'-UGACCUUUUGUUGGACAAGGUACCGGUUGUGAAGAGUGAUGAAAG-5'
5'-CUACUGGAAAACUACCUGUUCCAUAGCCAACACUUGUCACUACUUUCUCUUAUGGUGUUCAAUGCUUU-3'
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