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(54) Title: IMPROVED OLIGONUCLEOTIDES TARGETING RNA BINDING PROTEIN SITES

(57) Abstract: The present invention relates to antisense oligonucleotides which are complementary to conserved TDP-43 binding sites on pre-mRNA transcripts, which are capable of restoring RNA binding protein function in the processing of multiple independent mRNAs in TDP-43 depleted cells. The contiguous nucleotide sequence of the antisense oligonucleotides comprise 2'-O- methoxyethyl-RNA (2'-MOE) nucleosides and the antisense oligonucleotides are attached to cholesterol moieties



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