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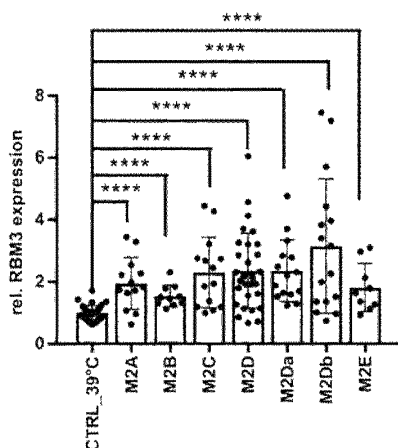
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(54) Title: METHODS AND AGENTS FOR INCREASING RBM3 EXPRESSION

Figure 4B



(57) Abstract: The invention provides agents (e.g., antisense oligonucleotides (ASOs), a CRISPR/Cas-based base editing system) capable of increasing expression of RNA-binding motif protein 3 (RBM3) by targeting a poison exon of RBM3, exon 3a, or a splice site thereof. Also disclosed are methods for increasing expression of RBM3 in a cell, methods of treating or preventing a disease affected by RBM3 expression in a subject, or methods for providing neuroprotective treatment to a subject.

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