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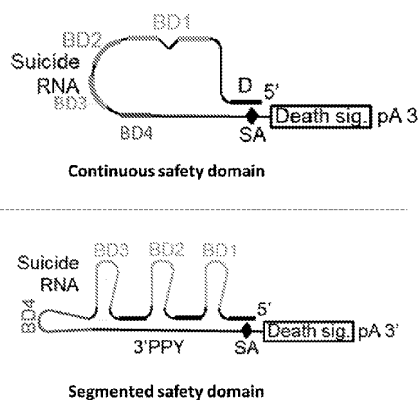
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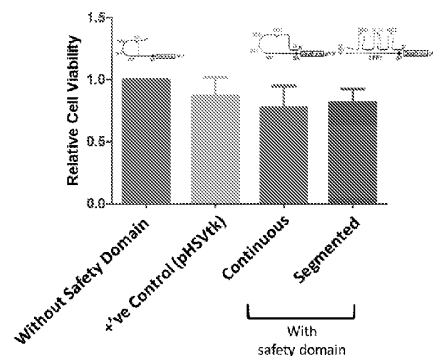
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(54) Title: TRANS-SPLICING RNA (tsRNA)

Figure 4.



Safety domains do not impair the on-target activity of novel multi-targeting trans-splicing constructs



(57) Abstract: Trans-splicing RNA (tsRNA) The invention concerns a trans-splicing RNA (tsRNA) molecule comprising at least one or multiple unstructured target binding domains complementary to at least one or multiple precursor messenger RNA (pre-mRNA) targets and adapted to prevent off-target trans-splicing by the inclusion of a safety domain; a cell or vector or therapeutic or composition or pharmaceutical composition comprising said tsRNA; and a method for killing cells or treating a disease or for imaging or for a cosmetic application using said tsRNA. The invention has use in the medical, cosmetic, and veterinary field.

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