Title (en)

RNA INTERFERENCE MEDIATED INHIBITION OF TGF-BETA AND TGF-BETA RECEPTOR GENE EXPRESSION USING SHORT INTERFERING NUCLEIC ACID (SINA)

Title (de)

RNA-INTERFERENZ-VERMITTELTE HEMMUNG VON TGF-BETA UND TGF-BETA-REZEPTOR-GENEXPRESSION MIT KURZINTERFERENZ-NUKLEINSÄURE (SINA)

Title (fr)

INHIBITION INDUITE PAR L'INTERFERENCE D'ARN DE L'EXPRESSION GENIQUE DU RECEPTEUR DU TGF-BETA ET DU TGF-BETA A L'AIDE D'UN PETIT ACIDE NUCLEIQUE INTERFERANT (SINA)

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Application

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- US 36312402 P 20020311
- US 38678202 P 20020606
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- US 44012903 P 20030115

Abstract (en)

[origin: WO03070197A2] The present invention concerns methods and reagents useful in modulating transforming growth factor beta (TGF-beta) and transforming growth factor beta receptor (TGF-betaR) gene expression in a variety of applications, including use in therapeutic, diagnostic, target validation, and genomic discovery applications. Specifically, the invention relates to small nucleic acid molecules, such as short interfering nucleic acid (siNA), short interfering RNA (siRNA), double-stranded RNA (dsRNA), micro-RNA (miRNA), and short hairpin RNA (shRNA) molecules capable of mediating RNA interference (RNAi) against transforming growth factor beta (TGF-beta) and transforming growth factor beta receptor (TGF-betaR) gene expression and/or activity. The siNA molecules are useful in the treatment and diagnosis of conditions that respond to the modulation of TGF-beta and/or TGF-betaR expression or activity.

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