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(54) Title: G-QUADRUPLEX-CONTAINING OLIGONUCLEOTIDES FOR PREVENTIVE AND THERAPEUTIC TREATMENT

(57) Abstract: The invention relates to an oligonucleotide molecule having from 10 to 50 nucleotides comprising at least one G-quartet forming motif comprising 10 to 20 nucleotide residues, wherein at least 60% of said G-quartet forming motif forming residues are guanosine or deoxyguanosine residues, and wherein the molecule inhibits tumor growth and/or viral or bacterial replication and/or exerts anti-inflammatory effects in mammalian cells.

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