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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

— *of inventorship (Rule 4.17(iv))*

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(54) **Title**: NUCLEIC ACID MOLECULE AND METHOD OF TARGETING GENE EXPRESSION TO GLIOMAS

miRNA oligo	Sequence	SEQ ID NO
3X-mir31-top	5'-AGCTTcagctatgccagcatcttgccCGATcagctatgccagcatcttgcc TCACcagctatgccagcatcttgccA-3'	10
3X-mir31-bottom	5'-AGCTTggcaagatgctggcatagctgGTGAggcaagatgctggcatagctg ATCGggcaagatgctggcatagctgA-3'	11
3X-mir127-top	5'-AGCTTagccaagctcagacggatccgaCGATagccaagctcagacggatccga TCACagccaagctcagacggatccgaA-3'	12
3X-mir127-bottom	5'-AGCTTtcggatccgtctgagcttggctGTGAtcggatccgtctgagcttggct ATCGtcggatccgtctgagcttggctA-3'	13
3X-mir143-top	5'-AGCTTtgagctacagtgcttcatctcaCGATtgagctacagtgcttcatctca TCACtgagctacagtgcttcatctcaA-3'	14
3X-Mir143-bottom	5'-AGCTTtgagatgaagcactgtagctcaGTGAtgagatgaagcactgtagctca ATCGtgagatgaagcactgtagctcaA-3'	15
Mix-mir-top	5'-AGCTTcagctatgccagcatcttgccCGATagccaagctcagacggatccga TCACtgagctacagtgcttcatctcaA-3'	16
Mix-mir-bottom	5'-AGCTTtgagatgaagcactgtagctcaGTGAtcggatccgtctgagcttggct ATCGggcaagatgctggcatagctgA-3'	17

TABLE 1

(57) **Abstract**: There is presently provided a nucleic acid molecule comprising a glial-specific promoter; a coding sequence for a transgene; and a plurality of miRNA target sites. Each miRNA target site binds an miRNA that is down-regulated in a glioma cell compared to a normal glial cell, and the glial-specific promoter and the plurality of miRNA target sites are both operably linked to the coding sequence for the transgene.

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