

Title (en)

MODULATION OF CHROMOSOME FUNCTION BY CHROMATIN REMODELING AGENTS

Title (de)

MODULATION VON CHROMOSOME-FUNKTION DURCH CHROMATINREMODELLIERENDER MITTELN

Title (fr)

MODULATION DE LA FONCTION CHROMOSOMIQUE PAR DES AGENTS REMODELANT LA CHROMATINE

Publication

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Application

EP 01957960 A 20010626

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- US 60364700 A 20000626

Abstract (en)

[origin: WO0200262A2] The present invention concerns a process for modulating the function of a DNA element in a eukaryotic cell, comprising the step of contacting a genomic DNA element, so-called "chromatin responsive element" (CRE), with a compound having a molecular weight of less than approximately 5 KDa, and having the capacity to bind a sequence-specific manner to said CRE, said step of contacting being carried out in conditions permitting chromatin remodeling of the CRE by said compound, wherein said chromatin remodeling of the CRE alters the activity of one or more other DNA elements, so called "modulated DNA elements" in the genome.

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Citation (search report)

See references of WO 0200262A2

Citation (examination)

PARKS M. ET AL: "Optimization of the hairpin polyamide design for recognition of the minor groove of DNA", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 118, 1996, US, pages 6147 - 6152

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