Title (en)

CARTILAGE-SPECIFIC EXPRESSION

Title (de)

KNORPELSPEZIFISCHE EXPRESSION

Title (fr)

EXPRESSION SPÉCIFIQUE AU CARTILAGE

Publication

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Application

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Priority

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- HU P0700457 A 20070703

Abstract (en)

[origin: WO2009004575A2] The invention provides an isolated nucleic acid comprising a nucleotide sequence for cartilage-specific expression, said sequence comprising the proximal promoter region of the matrilin-1 promoter and at least two cartilage-specific distal control elements capable of binding Sox9 positioned in 5' direction relative to the said proximal promoter region element. Vectors and transgenic animals are also provided.

IPC 8 full level

C12N 15/85 (2006.01); **A01K 67/027** (2006.01)

CPC (source: EP)

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Citation (examination)

- Y HAN ET AL: "L-Sox5 and Sox6 Drive Expression of the Aggrecan Gene in Cartilage by Securing Binding of Sox9 to a Far-Upstream Enhancer", MOLECULAR AND CELLULAR BIOLOGY,, vol. 28, no. 16, 16 June 2008 (2008-06-16), pages 4999 - 5013, XP055036856
- TOSHIYUKI IKEDA ET AL: "Distinct roles of Sox5, Sox6, and Sox9 in different stages of chondrogenic differentiation", JOURNAL OF BONE AND MINERAL METABOLISM, SPRINGER-VERLAG, TO, vol. 23, no. 5, 1 September 2005 (2005-09-01), pages 337 - 340, XP019373810, ISSN: 1435-5604, DOI: 10.1007/S00774-005-0610-Y

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Designated extension state (EPC)

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DOCDB simple family (publication)

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