

Title (en)

MODULATORS OF BONE HOMEOSTASIS IDENTIFIED IN A HIGH-THROUGHPUT SCREEN

Title (de)

DURCH EINEN SCREEN MIT HOHEM DURCHSATZ IDENTIFIZIERTE MODULATOREN DER KNOCHENHOMÖOSTASE

Title (fr)

MODULATEURS DE L'HOMÉOSTASIE OSSEUSE IDENTIFIÉS DANS UN CRIBLAGE A HAUT RENDEMENT

Publication

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Application

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Abstract (en)

[origin: WO03018799A2] The invention relates to the field of molecular genetics and medicine. In particular, the present invention relates to the field of functional genomics, i.e., to a method for the identification of genes that function in regulating bone homeostasis, such as the induction of osteogenesis. In particular, the present invention relates to polynucleotides and the encoded polypeptides that are identified in a high-throughput screen designed to detect modulation of bone alkaline phosphatase activity. Moreover, the present invention relates to vectors, host cells, antibodies and diagnostic methods for detecting diseases involving the discovered polynucleotides, and therapeutic methods for treating such diseases. The invention further relates to methods and means for drug compound screens designed to develop new therapeutic strategies.

IPC 1-7

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