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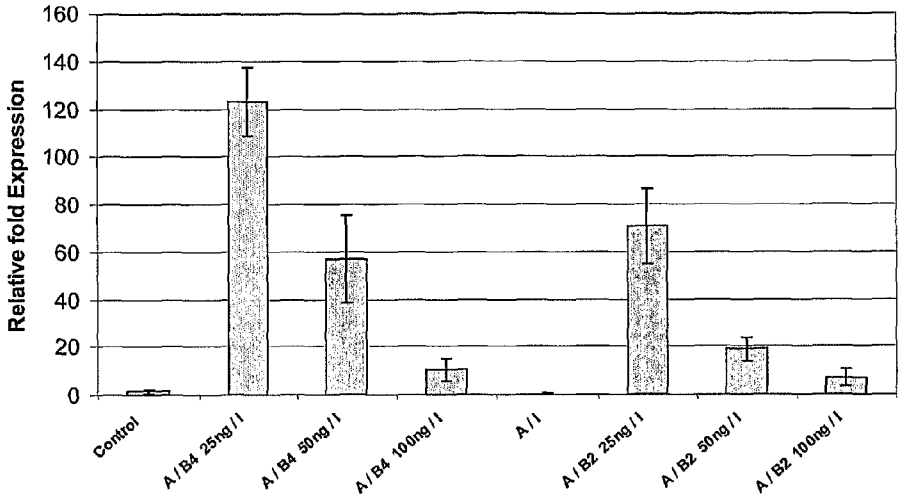
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(54) Title: DIFFERENTIATION OF PRIMATE PLURIPOTENT STEM CELLS TO CARDIOMYOCYTE-LINEAGE CELLS



(57) Abstract: The present application describes the new methods for the differentiation of primate pluripotent stem cells into cardiomyocyte-lineage cells. The methods utilize sequential culturing of the primate pluripotent stem cells in certain growth factors to produce cardiomyocyte-lineage cells. In certain embodiments of the invention, the population of cells produced by the sequential culturing is further enriched for cardiomyocyte-lineage cells so as to produce a higher percentage of those cells.

WO 2007/002136 A3