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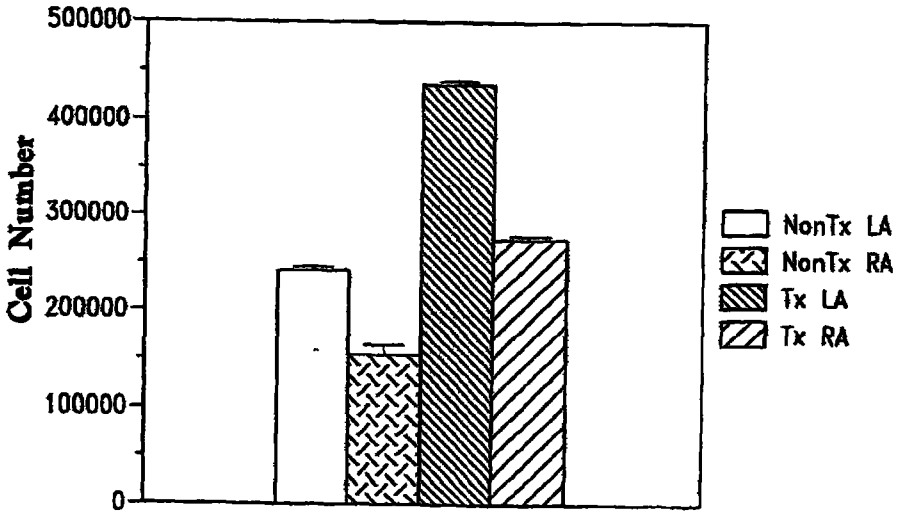
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(54) Title: CARDIOMYOCYTES WITH ENHANCED PROLIFERATIVE POTENTIAL, AND METHODS FOR PREPARING AND USING SAME



(57) Abstract: Described are methods *in vitro* and *in vivo* which involve the use of increased cyclin D2 activity to activate the cell cycle of cardiomyocytes as a baseline measure and/or in response to stimuli. Also described are vectors useful for these purposes, and cardiomyocyte cells exhibiting an activated cell cycle. Transgenic cyclin D2 animal models are also described.

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