THE INTERNATIONAL JOURNAL OF DEVELOPMENTAL BIOLOGY
www.intjdevbiol.com

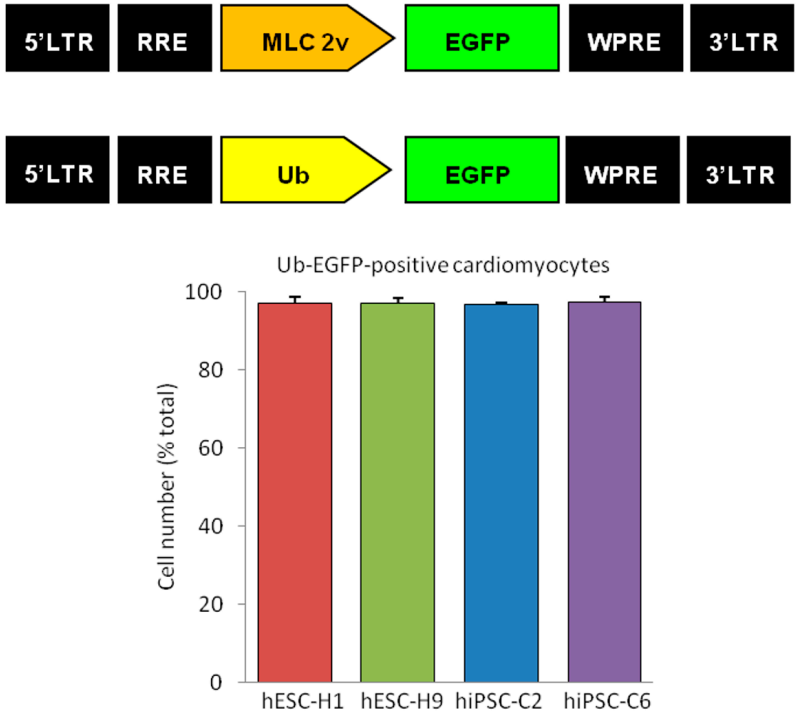
SUPPLEMENTARY MATERIAL

corresponding to:

Human C2a and C6a iPSC lines and H9 ESC line have less efficient cardiomyogenesis than H1 ESC line: Beating enhances cardiac differentiation

ANA SEPAC, ZELJKO J. BOSNJAK, SVEN SEIWERTH, SUNCANA SIKIRIC, TIHANA REGOVIC DZOMBETA, ANA KULIC, JELENA MARUNICA KARŠAJ and FILIP SEDLIC*

Full Text for this paper is available at: https://doi.org/10.1387/ijdb.210115fs



Supplemental Fig. 1. Transduction efficiency of dissociated human pluripotent stem cell-derived cardiomyocytes. (A) *Schematic representation of vector used to identify differentiated cardiomyocytes, which contains EGFP reporter protein under transcriptional control of MLC 2v promoter.* **(B)** *and* **(C)** *Transduction efficiency was tested with a similar lentiviral vector, which instead of MLC 2v promoter contained ubiquitin (Ub) promoter. Same as in the experiment for quantifying cardiomyogenesis in hESC and hiPSC lines, differentiated cardiomyocytes were dissociated and then transduced with lentiviral vector containing Ub-EGFP cassette. Transduction efficiency was similar in all four types of isolated cardiomyocytes.*