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**S1 Fig: Immunofluorescence of starting cardiomyocyte population.** (**A**) Representative phase contrast and immunofluorescence images of cardiomyocytes on day 0 of transduction (Scale bar = 200 µm). (**B**) Quantification of cardiomyocytes (cTnT+/VIM-) and non-myocytes (VIM+/cTnT-) as a percentage of total population (n=8 fields). (**C**) Co-expression of NKX2-5 exclusively in cTnT positive cells (Scale bar = 200 µm).

(B) Data presented as mean percentage ± S.D.