



Figure S1. Gene expression of human induced pluripotent stem cell-derived cardiomyocyte marker genes and ion channel genes 7 days after irradiation with 0, 3, 6, and 12 Gy. Values are depicted as mean \pm standard deviation of $n = 3$. All p-values are determined by one-way analysis of variance; * $p < 0.050$, ** $p < 0.010$, and **** $p < 0.0001$.

Abbreviation: NS, not significant.

Table S1. Primers used for real-time reverse transcription-polymerase chain reaction

Gene	Forward primer (5' to 3')	Reverse primer (5' to 3')	Size (bp)	Gene bank No.
GAPDH	GTATGACAACAGCCTCAAGA	GTAGAGGCAGGGATGATGT	216	NM_002046
cTnT	GGGTACATCCAGAAGACAG	GTTATAGATGCTCTGCCACA	163	NM_000364
Cx43	TGTGGCTGTCAGTACTTTTC	AGTGTGGGTACAGACACAAA	199	AF151980.2
SCN5A	TCACCACCTACATCATCATC	GACAGGACCGAATACTCAAT	190	AY038064
CACNA1C	CCATCTACAACCTACCGTGTG	ACCACGTACCACACTTTGTA	247	NM_1994603
KCND3	CTACTACATCGGTCTGGTCA	TGAGGGAGAAGAGAAGAAAG	179	NM_004980
KCNH2	CCTCCATCAAGGACAAGTAT	GAAGATGCTAGCGTACATGA	155	AF363636