

Supplementary Material

Impact of the *DSP*-H1684R Genetic Variant on Ion Channels Activity in iPSC-Derived Cardiomyocytes

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Table S1. Antibodies used for immunocytochemistry/Western blot

Target/Assay		Antibody	Dilution	Company Cat # and RRID
DSP	ICH/WB	Anti-Desmoplakin I+II antibody	1:200/ 1:1000	Abcam Cat# ab71690, RRID: AB_1603776
PKP2	ICH	Mouse anti-plakophilin 2 (2a + 2b) (Multi-epitope cocktail)	-	ARP American Research Products Cat# 03-651101, RRID:AB_1542758
PKP2	WB	Mouse anti- plakophilin 2 (28)	1:100	Santa Cruz Biotechnology Cat# sc-136039, RRID:AB_2164271
TNNT2	ICH/WB	Mouse anti-troponin T (13-11)	1:200/ 1:1000	Thermo Fisher Scientific Cat# MA5- 12960, RRID:AB_11000742
TNNI3	ICH	Rabbit anti-troponin I (H-170)	1:200	Santa Cruz Biotechnology Cat# sc-15368, RRID:AB_793465
Secondary antibodies	ICH	Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	1:1000	Thermo Fisher Scientific Cat# A-11029, RRID:AB_2534088
Secondary antibodies	ICH	Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor 488 conjugate	1:1000	Thermo Fisher Scientific Cat# A-11034, RRID:AB_2576217
Secondary antibodies	ICH	Anti-Mouse IgG BioChemika Antibody, Atto 550 Conjugated	1:1000	Sigma-Aldrich Cat# 43394, RRID:AB_1137651
Secondary antibodies	ICH	Anti-Rabbit IgG BioChemika Antibody, Atto 550 Conjugated	1:1000	Sigma-Aldrich Cat# 43328, RRID:AB_1137667
Secondary antibodies	WB	Immun-Star Goat anti-Mouse (GAM)-HRP Conjugate antibody	1:10000	Bio-Rad / AbD Serotec Cat# 170-5047, RRID:AB_11125753
Secondary antibodies	WB	Immun-Star Goat anti-Rabbit (GAR)-HRP Conjugate antibody	1:10000	Bio-Rad / AbD Serotec Cat# 170-5046, RRID:AB_11125757