

**Table S2.  $\Delta\Delta$ APD90 data related to Fig 3.** The dofetilide concentration and corresponding  $\Delta\Delta$ APD90c and  $\Delta\Delta$ APD90cF in ms for each subject's iPSC-CM line, as referenced in Results and shown graphically in Fig 3.

Subject ID	$\Delta\Delta$ APD90c 0.5 nM Dofetilide	$\Delta\Delta$ APD90cF 0.5 nM Dofetilide	$\Delta\Delta$ APD90c 1 nM Dofetilide	$\Delta\Delta$ APD90cF 1 nM Dofetilide	$\Delta\Delta$ APD90c 2 nM Dofetilide	$\Delta\Delta$ APD90cF 2 nM Dofetilide	$\Delta\Delta$ APD90c 4 nM Dofetilide	$\Delta\Delta$ APD90cF 4 nM Dofetilide	$\Delta\Delta$ APD90c 8 nM Dofetilide	$\Delta\Delta$ APD90cF 8 nM Dofetilide
A	27.04	25.68	28.32	31.15	36.75	41.40	48.01	58.16	68.91	84.84
B	3.38	4.39	9.07	12.64	10.45	16.38	14.89	27.41	24.67	40.21
C	7.99	7.81	18.64	16.32	24.38	25.45	47.04	47.14	50.25	49.84
D	-	-	18.61	19.50	27.40	27.68	40.36	41.93	48.90	51.72
E	36.19	30.40	59.62	52.09	-	-	64.70	61.62	73.28	72.80
F	9.35	7.89	19.74	17.89	27.47	26.05	44.69	43.71	55.95	55.11
G	11.32	6.12	23.44	17.04	40.26	29.17	65.01	56.79	89.21	83.02
H	14.29	15.85	20.60	22.51	35.48	39.60	47.70	55.75	55.04	66.95
I	21.20	21.14	31.60	32.33	-	-	44.63	52.27	40.59	45.68
J	14.29	11.97	22.93	21.96	31.43	29.99	48.22	53.56	50.59	58.67
K	29.60	22.03	44.46	40.62	-	-	55.42	50.74	75.70	77.39
L	11.69	9.99	22.96	21.09	40.49	38.60	61.73	62.07	117.78	127.41
M	4.68	4.71	10.75	11.75	-	-	38.47	45.50	49.59	63.18
N	16.73	18.74	27.35	30.85	28.60	30.69	45.13	56.36	78.69	102.85
O	21.00	22.74	-	-	38.63	42.83	59.32	70.48	73.73	88.73
P	-	-	18.58	23.88	36.11	40.36	39.78	46.73	31.69	39.19