Table 2: ECG and EP Study data

Time	Group	ECG				EP Study				
		RR (ms)	QTc 12 lead (ms)	QTc V1 (ms)	QT disp (ms)	inducible VT (# animals)	VT induction	VT CL	VT morphology	VT termination
Infarct Study: n = 7										
pre-MI		535 ± 49	413 ± 9	399 ± 10	25 ± 1	0/7	--	--	--	--
1 week post-MI		548 ± 34	417 ± 9	412 ± 11	33 ± 4	0/7	--	--	--	--
2 weeks post-MI		585 ± 32	439 ± 13	415 ± 12	32 ± 3	4/7	4/4 triple ES	166 ± 8	LBS1, RBS3	DC4
3 weeks post-MI		546 ± 44	431 ± 13	411 ± 15	30 ± 3	7/7	7/7 triple ES	171 ± 5	LBS1, RBS6	DC7
4 weeks post-MI		537 ± 21	427 ± 12	412 ± 10	30 ± 1	7/7	7/7 triple ES	182 ± 11	LBS1, RBS6	VB1, DC6
p value		NS	NS	NS	NS	<0.01	NS	NS	NS	NS
Gene Transfer Study: n = 5 per group										
pre-MI	no virus	558 ± 56	411 ± 15	382 ± 6	25 ± 2	0/5	--	--	--	--
	lac Z	518 ± 32	411 ± 15	396 ± 11	25 ± 3	0/5	--	--	--	--
	G628S	569 ± 45	400 ± 9	384 ± 10	27 ± 1	0/5	--	--	--	--
p value		NS	NS	NS	NS	NS	NS	NS	NS	NS
pre-GTx (post-MI week 3)	no virus	545 ± 34	426 ± 6	401 ± 9	27 ± 1	5/5	5/5 triple ES	176 ± 12	LBS 1, RBS4	VB1, DC4
	lac Z	551 ± 69	432 ± 13	409 ± 17	28 ± 1	5/5	5/5 triple ES	170 ± 10	LBS 1, RBS4	DC5
	G628S	534 ± 43	429 ± 13	405 ± 15	29 ± 1	5/5	5/5 triple ES	176 ± 11	LBS2, RBS3	VB2, DC3
p value		NS	NS	NS	NS	NS	NS	NS	NS	NS
post-GTx (post-MI week 4)	no virus	584 ± 45	432 ± 16	404 ± 11	28 ± 1	5/5	5/5 triple ES	183 ± 11	LBS1, RBS4	VB1, DC4
	lac Z	568 ± 45	431 ± 20	407 ± 15	28 ± 3	5/5	5/5 triple ES	186 ± 13	LBS1, RBS3, LBI1	VB1, DC4
	G628S	561 ± 46	438 ± 8	419 ± 7	34 ± 5	0/5	--	--	--	--
p value		NS	NS	NS	NS	<0.01	NS	NS	NS	NS
dofetilide (10 μg/kg IV)	before infusion	685 ± 16	410 ± 5	415 ± 9	25 ± 3	3/3	3/3 triple ES	192 ± 22	2 RBS, 1 RBI	VB 2. DC1
	after infusion	789 ± 37	484 ± 7	469 ± 3	41 ± 2	3/3	2 triple ES, 1 VB	260 ± 31	1 RBS, 1 LBS, 1 RBI	VB 2. DC1
p value		<0.05	< 0.01	<0.01	<0.01	NS	NS	0.01	NS	NS

abbreviations: G628S: KCNH2-G628S, RR: sinus rhythm cycle length, VT CL: VT cycle length, triple ES: 3 extrastimuli during programmed stimulation, VB: ventricular burst pacing, LBS: left bundle superior axis, RBS: right bundle superior axis, LBI: left bundle inferior axis, RBI: right bundle inferior axis, DC: direct current cardioversion; p value determined by ANOVA, t-test or X^2 as appropriate