

**Supplemental Table S3**

QTc interval and plasma concentration from individual dogs involved in Inducibility and Prevention experiment (n=7)

		Inducibility experiment		Prevention experiment						AS	
Dog number		Baseline-QTc (0 min)	Dofetilide-QTc (3.9 min)	QTc (ms) <sup>c</sup>			Plasma concentration (ng/mL)				
				Baseline (0 min)	LUF7244 (5 min)	LUF7244 +Dofetilide (8.9 min)	Baseline (0 min)	LUF7244 (15 min)	washout (30 min)		
Inducible	119335	334±2	456±11	336±4	328±7	567±3	10	1133	0	1	
	118487	333±1	543±13	325±2	325±2	566±8	0	1353	0	3	
	118860 <sup>b</sup>	471±2	616±4	449±3	435±3	665±7	0	693	0	2	
	118479	438±3	444±8	455±9	444±3	608±2	0	654	0	2	
	133702	433±6	524±8	319±8	315±6	467±16	0	1734	17	1	
N-I <sup>a</sup>	119394	420±4	480±43	363±2	372±5	536±7	0	312	0	50	
	119840	445±5	540±6	433±2	416±4	520±18	0	120	0	58.3	

<sup>a</sup> Non-Inducible dog<sup>b</sup> dog 118860 was paced at VVI60, so only QT is shown<sup>c</sup> Van de Water QTc = QT-0.087(RR-1000)

values are represented as mean ± SD. AS indicates arrhythmia score