

Capsaicin-sensitive neurons	TREK-1 +/+			TREK-1 -/-			Unpaired t test p
	mean	sem	n	mean	sem	n	
Measurement at +23°C							
Membrane resting potential (mV)	-52.5	2.5	10	-47.1	3.5	11	0.2327
Capacitance (pF)	17.0	1.4	10	16.0	1.6	11	0.6464
Action potential threshold (mV)	-16.8	1.3	10	-17.1	1.4	15	0.9236
Depolarisation induced by capsaicin (mV)	26.8	4.8	8	23.8	3.7	6	0.6492
Measurement at +43°C							
Depolarisation induced by changing the temperature (mV)	7.3	2.9	6	8.0	4.1	5	0.8895
Capacitance (pF)	18.3	1.6	7	16.8	1.2	6	0.4816
Action potential threshold (mV)	-17.1	1.7	8	-19.2	2.1	8	0.4499