

gene name	GenBank accession number	protein name	forward primer (5'-3')	reverse primer (5'-3')
<i>Scn1a</i>	NM_030875	Nav1.1	gttccgacatcgccagtt	catctcagtttcagtagttgtcca
<i>Scn2a</i>	NM_012647	Nav1.2	tgggtgccctggttgag	ccttatttctgtctcagtagttgtgc
<i>Scn3a</i>	NM_013119	Nav1.3	gcaccgtccattctaaccat	tttagcttctgcataagaattgc
<i>Scn4a</i>	NM_013178	Nav1.4	ggcactgtctcgatttgagg	ttcatgatggaggggatagc
<i>Scn5a</i>	NM_013125	Nav1.5	tgccaccaatgccttgta	catgatgagcatgctaagagac
<i>Scn8a</i>	NM_019266	Nav1.6	ggaagtttccatcatgaatcag	gctgttatgtcgggagagga
<i>Scn9a</i>	NM_133289	Nav1.7	cagcagatgtagaccgactca	actcgtgaactcagcagcag
<i>Scn10a</i>	NM_017247	Nav1.8	agaggacccaagggaca	tggtggtttccacacttttg
<i>Scn11a</i>	NM_019265	Nav1.9	cagaggacgatgcctctaaaa	ttctgggacagtcgtttggt
<i>Scn1b</i>	NM_017288	Navβ1	gcggagatggtgtactgctac	tcggaagtaatggccaggtat
<i>Scn2b</i>	NM_012877	Navβ2	tggacttaccaggagtgtagca	ccagcttcagggtgatgatct
<i>Scn3b</i>	NM_139097	Navβ3	ctgatacctttgcgagtcactg	catcatgatttccgagaccac
<i>Ssn4b</i>	NM_001008880	Navβ4	catcctgaagaagaccagagaga	agcagggcctcacactttt
<i>Slc8a1</i>	NM_019268	NCX1	tccgattccctctaccgtaa	gtcagtggctgcttgcac
<i>Slc8a2</i>	NM_078619	NCX2	tgtgcactacgggatgctt	cgtctccactatcttgacct
<i>Slc8a3</i>	NM_078620	NCX3	gggagctggagttaagaatga	gaagaaattctcttgcctttcg
<i>Cacna1s</i>	NM_053873	Cav1.1	gcgtcgtggagtggaaac	gggagctggagttaagaatga
<i>Cacna1c</i>	NM_012517	Cav1.2	tggtcacagaagtgcaga	agcatttctgccgtgaaaag
<i>Cacna1d</i>	NM_017298	Cav1.3	ccatgctcactgtgtccag	ctcccatcctatcgcacat
<i>Cacna1a</i>	NM_012918	Cav2.1	ctgctttgaagaggggacag	ctgacatttggcccgttg
<i>Cacna1b</i>	NM_147141	Cav2.2	taagcgcacacccgaatg	ggccaggacaatacagttgg
<i>Cacna1e</i>	NM_019294	Cav2.3	taccgcgcctggatagac	gctgatgtcccagagtttt
<i>Cacna1g</i>	NM_031601	Cav3.1	catctacttcattcttctcatcag	aactgcgtggcaatcacc
<i>Cacna1h</i>	NM_153814	Cav3.2	acggatactctgcagacagga	gctctgtgtagtctgggatgc
<i>Cacna1i</i>	NM_020084	Cav3.3	tctgcctcaatgttgcacc	aagggtgtctctagggatgt
<i>Gusb</i>	NM_017015.2	Gus	ctctggtggccttacctgat	cagactcaggtgttgcacg
<i>Gapdh</i>	NM_017008.3	Gapdh	tgggaagctgggtcatcaac	gcatcacccatttgatgtt

Table S1 : Primers used for RT-qPCR