

ESM Table 1: primers used in the experiment.

Primer name	Forward primer (5'-3')	Reverse primer (5'-3')
<i>miR-153</i>	Mm_miR-153_1 (Qiagen, cat: MS00011214)	Univerasl primer (Qiagen)
<i>Cacna1c</i>	CTCCAACGCCACCAACTC	AAAGCCCTACAACCACGATT
<i>Cask</i>	CTACATGAGACAGATACTGGAA	CCAAGTTTAAACAGGTGCCGAGT
<i>Camk2g</i>	TCGCCAAGAGACGGTAGAGT	TTGGCAGCTGAAAAGTTCCT
<i>Cacnb4</i>	GCAAGAGTAGGAACCGCTTG	GCAGCCTCAAAGCCTATGTC
<i>Cib2</i>	CCCGATGGACTACAGGAAGA	CTGATTCGCAGAGCACAGAG
<i>WT-Cacna1c</i>	GCTactagtAGGGGAGGAATAAGAGCGGT	CCGagcttAGTCATTGTATTTGCTTGGCACA
<i>Mut-Cacna1c</i>	TCCCACGAGATAgagtAAAGCAATGCAAT	ATTGCATTGCTTTactcTATCTCGTGGGA
<i>IA2β</i>	TCAGTTGCTGGAGCCATACA	TCCTTGTACTGGGTCATCC
<i>GAPDH</i>	GTCGGTGTGAACGGATTTG	GAATTTGCCGTGAGTGGAG