

SUPPLEMENTARY INFORMATION FOR

Glutamate 73 promotes anti-arrhythmic effects of VDAC through regulation of SR-mitochondria Ca^{2+} transfer

Supplementary File 1. Species origins and NCBI accession IDs for protein sequences used in phylogenetic analyses. Column A contains the label given to the sequence in the phylogenetic trees. Column B contains the GenBank or NCBI Reference ID for the sequence used in the phylogenetic analysis. Column C contains the common name of the species from which the protein sequence is derived.

See Table 1.

Supplementary File 2. Primer sequences.

Experiment	Target gene	Sequence
RT-PCR	<i>vdac1</i>	F: 5'- CACGTCTCTCCTCTCCACTGTCG -3'
		R: 5'- CCGTCCCGTTGATGTCGTAGTCCAC -3'
	<i>vdac2</i>	F: 5'- CTCAGCGCTGGGAATAACTTCAGCAG -3'
		R: 5'- CTGTGTTTGGTGAGAAGGTTGTGTCAAAGG -3'
	<i>vdac3</i>	F: 5'- GTTCTCCTTCAGTGTGCCCTCTC -3'
		R: 5'- CCAGTGTTGGGAACAAATGAAGTGTCC -3'
Quantitative RT-PCR	<i>vdac1</i>	F: 5'- CACGTCTCTCCTCTCCACTGTCG -3'
		R: 5'- CATATCCTTTGGTGAAGATGTCTCTGGCAG -3'
	<i>vdac2</i>	F: 5'- CTCAGCGCTGGGAATAACTTCAGCAG -3'
		R: 5'- CGAGCTTCACCATAACCGAATCCATATCC -3'
	<i>vdac3</i>	F: 5'- GGAGTGGGATACACACAGAGCCTC -3'
		R: 5'- CCTGTCAGTCGTTAAACCTCCAGC -3'