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 (s-gene)

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 G GCC CAG CTA GAG TTC AAC CAG ATC AAG GCA GAG ATC GAG CGG AAG C
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 TG GCA GAG AAG GAC GAG GAG ATG GAA CAG GCC AAG CGC AAC CAC CAG
 L A E K D E E M E Q A K R N H Q
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 R V V D S L Q T S L D A E T R S
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 D T Q I Q L
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 TC GTG GAG CGC CGC AAC AAC CTG CTG CAG GCT GAG CTG GAG GAG CTG
 I V E R R R N N L L Q A E L E E L
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 ACC CAG CTC CAG TCG GAA GTG GAG GAG GCA CTG CAG GAG TGC AGA AAC
 T Q L Q S E V E E A V Q F C R N
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 Q L Q K L E A R R V R E L E G E L
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 (3' UT)
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 Q K M H D E E END
 AACCTCACTCTTGGCAACCTGTAATAATATGAGTGC aaactgctctg

Fig. 3. Partial nucleotide sequence of the human cardiac α - and β -MYHC genes. The nontranscribed strand is displayed in 5' to 3' orientation. The exon and flanking sequences are given in uppercase letters. Amino acids encoded within the exons are labeled in the one-letter code beneath the second nucleotide of each codon. CAAT and TATA boxes and AATAAA polyadenylation signal are underlined. The putative cap site of the mRNA is 29 to 31 nucleotides downstream of the TATA box.