Figure S1. Locations of the primers used for site-directed mutagenesis in the cDNA of human GATA4. The cDNA sequences of the human *GATA4* gene derived from the Nucleotide database with an accession number of NM_002052.5 (https://www.ncbi. nlm.nih.gov/nuccore/NM_002052.5). The red color marks the coding region and the green color marks the wild-type forward primer. A rectangle marks the nucleotide where the mutation occurs.

https://www.ncbi.nlm.nih.gov/nuccore/NM 002052.5

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1 ggggacttgg aggcggccgg cgcaggggcc gcgagaggct tcgtcgccgc tgcagctccg
 61 ggggctccca ggggagcgtg cgcggaacct ccaggcccag caggaccccg gctgcggcga
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181 tcggtgtgac gagtggggga cccgaagget cgtgcgccac ctccaggect ggacgctgcc
241 ctccgtcttc tgcccccaat aggtgcgccg gaccttcagg ccctggggtg aattcagctg
301 ctcctacatc agcttccgga accaccaaaa attcaaattg ggattttccg gagtaaacaa
361 gagcctagag ccctttgctc aatgctggat ttaatacgta tatattttta agcgagttgg
421 ttttttcccc tttgattttt gatcttcgcg acagttcctc ccacgcatat tatcgttgtt
481 gccgtcgttt tctctccccg cgtggctcct tgacctgcga gggagagaga ggacaccgaa
541 gccgggaget cgcagggace atgtatcaga gettggecat ggccgccaac caegggeege
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1081 cegcageege egeegeetee geeggeeeet tegacageee ggteetgeae ageetgeeeg
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1201 gcagagagtg tgtcaactgt ggggctatgt ccaccccgct ctggaggcga gatgggacgg
1261 gtcactatet gtgcaacgee tgeggeetet accacaagat gaacggcate aaccggeege
1321 teateaagee teagegeegg etgteegeet eeegeegagt gggeetetee tgtgeeaact
1381 gecagaceae caccaceaeg etgtggegee geaatgegga gggegageet gtgtgeaatg
1441 cctgcggcct ctacatgaag ctccacgggg tccccaggcc tcttgcaatg cggaaagagg
1501 ggatccaaac cagaaaacgg aagcccaaga acctgaataa atctaagaca ccagcagctc
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