

**Table 2.** PCR primers used to amplify and to analyze the different exons of the *MyHC-IIa* gene

Exon	Left primer	Right primer	Product size, bp
1–2	5'-TATAGTATGGTGAACAGTAGAC-3'	5'-ACCTATTTATGCTCAGTGGAAGAA-3'	677
3	5'-TGGAAGGGTGAGGTGGGAGGATT-3'	5'-AAATACACCAGCCTCAACTAAAAG-3'	468
4–6	5'-AGCCCTAAAGGTTGCAAAGTCCAG-3'	5'-TAATAGAATGGGAATGAAAAAGAT-3'	634
7–8	5'-TTCTACCTGATGCAAATACTCTC-3'	5'-AGGCACATAAACTTGACAAAA-3'	516
9	5'-GCTTCAGCCGGTCCCTCTATT-3'	5'-ACTCCAAGGGGCATGTCCATT-3'	366
10	5'-GAATCTTCAGAGGGTATGC-3'	5'-GAAAATTCCTGGGTAACAA-3'	416
11–12	5'-AAGAGATATTTAAAACACTG-3'	5'-GTCCTTCACTAATTCCTTCAT-3'	544
13	5'-TATCTGTAATATAAAGGCTCTTG 3'	5'-AAAGCAGACCACAACACA-3'	399
14	5'-TCATCGAGAAGGTTGGTTT-3'	5'-TCACTAGCTTCAATTTAACATCAC-3'	510
15	5'-AAATAAGATTCATTCAGGCTCAAT-3'	5'-AATAGAAGTTCAGAAAAACAGACC-3'	298
16–17	5'-ATTTTATAGACACCAATGACTGCT-3'	5'-TGTGACAAAACATAACAAGTAGAGG-3'	474
18–19	5'-TGGTTGCCAAAGGGTTGA-3'	5'-TTAACTGTAAGCCATTTCA-3'	575
20	5'-GACCATCATCCCGAAATA-3'	5'-TGCAATTACCCAACTCAT-3'	491
21–22	5'-CTCTTATCCATTGTGAAGTATTTTC-3'	5'-GCTAAATATAAATTATGTTGAATC-3'	657
23–24	5'-AAGTGGATGATGTAAGTCTGGTAT-3'	5'-GCGGGCCTGGGAATGGTG-3'	501
25	5'-TGGCTCGGAGGCAGTTATGAC-3'	5'-GCCCTGTGCAAACATGATGTGT-3'	517
26	5'-TTATTTTGGGGAGAAGTTACAGTA-3'	5'-CCTTGCACATAGGTCAGGTGTC-3'	364
27	5'-CATGGGCTTGCAGAATCTTGT-3'	5'-CTATGGAGGCAGTTACACC-3'	322
28	5'-CTGATTCTACATGGAGCCTGTTAT-3'	5'-TGAGCATTTGTGGACTAAT-3'	400
29–30	5'-AATTCATATTATGGTTCCTTC-3'	5'-TGTTGTTTGGAGTAAAAGACAGG-3'	576
31	5'-CCCGTTCCCTTGGCACTGAG-3'	5'-TGTCTTTTTATTCACTCTATGC-3'	402
32	5'-TGAATAAAAAGACACATAGCA-3'	5'-AAACCATCATTGAGACATC-3'	483
33	5'-GGCCCTGAGGAACACTACA-3'	5'-GAAAACCTCAGGCTTATCTATT-3'	401
34–35	5'-TGACTTGCAAATTTTTATCTGA-3'	5'-CATTACGCTTTTGCTCACTCTCA-3'	616
36–37	5'-ATGGAGCAGACCGTGAAG-3'	5'-TGTTAAATATGCATGCAGTAGTCT-3'	612
38	5'-CTCCATAGATGCCAAGTCCT-3'	5'-CAGCCTTAAAGTGTGGCCGTAGAC-3'	505