

Supplemental Table 1

Primers for PCR and sequence analysis of <i>TMCI</i>		
Exon	Forward primer	Reverse primer
1	5'-ccagcatggaacattcacag-3'	5'-ccaactgcttctcattc-3'
2	5'-agttcaagtccagcctgacc-3'	5'-agttcaagtccagcctgacc-3'
3	5'-ggggaagctcaaactgtgac-3'	5'-cattcacagcctgtctcg-3'
4	5'-tgcattcctggctattcttg-3'	5'-aaaccagcctcattctg-3'
5	5'-tcaaccctttgacctgag-3'	5'-aaagggaagcccaaaag-3'
6	5'-atcgtgctcattttgcaag-3'	5'-ggtagctcaagtccacaagagg-3'
7	5'-gtgaaccacaatggaaatg-3'	5'-gcatcatcagattaaggctctct-3'
8	5'-tcaggaaggcaaacactactg-3'	5'-gctccaattataatcattagccc-3'
9	5'-gcagacctggtaaattcaaatg-3'	5'-ccccttagaaaaagaaccagtg-3'
10	5'-gctgccagagagacatttcc-3'	5'-ccagaactgacaaaagcatc-3'
11	5'-aaaaaggaccaatgctctcac-3'	5'-catgggcaccattttgaag-3'
12	5'-catggagacccaagagtcc-3'	5'-attcagcctgaccagagag-3'
13	5'-aatcaacatggcagctgaaac-3'	5'-tccaatcccaattaatcc-3'
14	5'-ttgcttccacttcaaacctc-3'	5'-ttgtaggcagaaaacctagag-3'
15	5'-tacttgccatcgtttgttg-3'	5'-aagggcagataggggatag-3'
16	5'-ccaaaattctggcaaaaagc-3'	5'-gagattcaaggcatttctg-3'
17	5'-gccttgttctggattgtc-3'	5'-tcagagccagcacacag-3'
18	5'-ttgagcttcaagcaatac-3'	5'-tcccctctgtgaaaacac-3'
19	5'-aattgaaacctagccatgc-3'	5'-gctttgcaaacagagagacac-3'
20	5'-tctggtgaaagtggcag-3'	5'-ggatctcattccaccaacc-3'
21	5'-tgaggcaaaagtgcagcaag-3'	5'-gcagaaccttagggagagtg-3'
22-23	5'-gcttaatgttcattccatgc-3'	5'-ttgtggaatgactcgtctac-3'
24	5'-gattctggccacctcattc-3'	5'-gtggtgggagacaggtag-3'
Primers for minigene construction		
Exon	Forward primer	Reverse primer
19	5'- <u>g</u> ccatgctctggtcaccgcataataagtatgac-3' [#]	5'- <u>gc</u> ctctccgaggagatagacaacccttcacac-3' [*]

Primer sequences used to amplify and sequence all exons and intron-exon boundaries of the human *TMCI* gene and primers for used for minigene construction. [#]This forward primer includes a PflMI site at its 5' end, highlighted by underlined nucleotides. This reverse primers includes a EcoNI site at 5'end, highlighted by underlined nucleotides. ^{*}