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Erratum

Rapid and efficient identification of the mouse leptin receptor mutation (C57BLKS/J-*Lepr*^{db}) by tetra-primer amplification refractory mutation system-polymerase chain reaction (ARMS-PCR) analysis

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We designed 4 primers for amplification of allele-specific PCR products from leptin receptor mutant and normal alleles using primer design web service for tetra-primer ARMS-PCR (Figure 1) i.e., Lepr-forward outer primer (Lepr-FO); 5'-AGGATACAATACAAGAACAA AAAGCCTG-3', Lepr-forward inner primer (Lepr-FI); 5'-TATTAGAAGATGTTTACATTTTGATGGAGGG-3', Lepr-reverse inner primer (Lepr-RI); 5'-GTCATTCAAA CCATAGTTTAGGTTTGTTTA-3', Lepr-reverse outer primer (Lepr-RO); 5'-ATGCAGAGTCCATGAATATCAACTTT AA-3'.

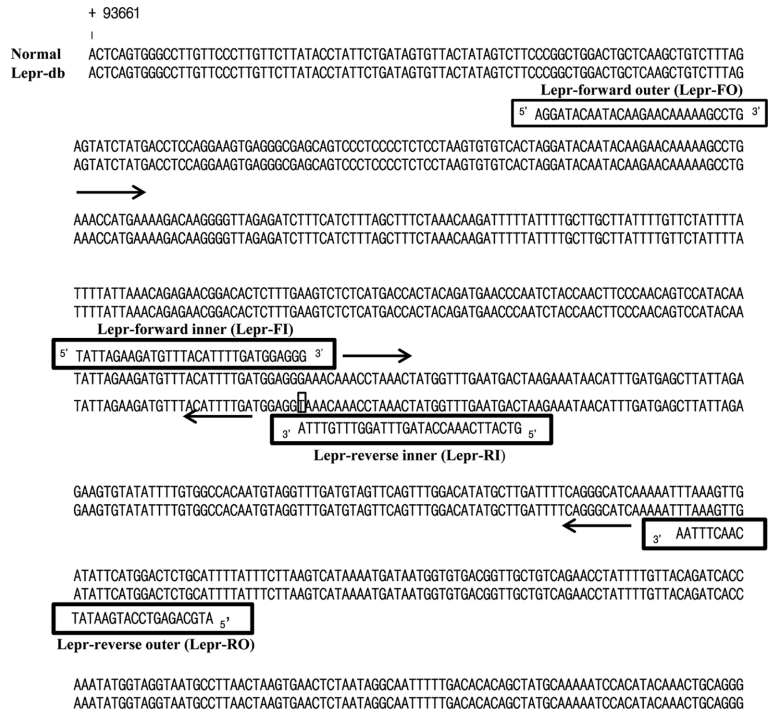

Figure 1. Sequences of the leptin receptor mutation and normal allele (NCBI, Gene ID: 16847). The primers for ARMS-PCR were designed using the primer design web service for tetra-primer ARMS-PCR. Underline indicates transverse point mutation (G→T) in intron 18 of the leptin receptor.

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