

Crmp5 KO genotyping protocol

The wild type allele was amplified by forward primer P1 (CAAGCCTGGCTTTTCTCCTGGGTATGT) derived from the portion of the sixth exon deleted in the targeted allele and reverse primer P2 (CACATGCCCACTGGAACCAGTTTAGCA) derived from the portion of the sixth intron. The Crmp5-deficient allele was amplified by forward primer P3 (TACCGTAAAGCACGAGGAAGCGGTCA) derived from the portion of neo gene and reverse primer P2. PCR conditions: 30 cycles of 94 °C for 25 s, 60 °C for 40 s, and 72 °C for 1 min. The 1529 bp fragment indicates the Crmp5-deficient allele (primers P3 and P2) and the 857 bp fragment indicates wild type allele (primer P1 and P2).