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# A PCR-RFLP Test to Detect Allelic Variants of the Bovine Kappa-Casein Gene

L. A. Soria , G. M. Iglesias, M. J. Huguet & S. L. Mirande

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## Abstract

Point mutations in exon IV of bovine kappa-casein gene ( $\kappa$ Cn, CASK, CSN3) determine nine allelic variants (A, B, C, E, F, G, H, I, and A<sub>1</sub>) for the gene. These variants are

associated with different properties of milk (i.e., cheese-making ability) and different alleles. For example, the A<sub>1</sub> allele is associated with Maillard reaction. Twenty-eight different alleles have been identified for the A<sub>1</sub> allele. B, and C alleles are associated with kappa-casein.

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