

Home ▶ All Journals ▶ Animal Biotechnology ▶ List of Issues ▶ Volume 14, Issue 1

Animal Biotechnology > Volume 14, 2003 - Issue 1

279 14 Views CrossRef citations to date Altmetric

Original Articles

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

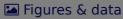
L. A. Soria , G. M. Iglesias, M. J. Huguet & S. L. Mirande

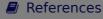
Pages 1-5 | Published online: 16 Aug 2006

66 Cite this article ▶ https://doi.org/10.1081/ABIO-120020180



Full Article





66 Citations

Metrics

➡ Reprints & Permissions

Read this article

Abstract

Point mutations in exon IV of bovine kappa-casein gene (kCn, CASK, CSN3) determine nine allelic variants (A, B, C, E, F, G, H, I, and A_1) for the gene. These variants are associated with major differences in composition and manufacturing properties of milk (i.e., cheese yield). A PCR-RFLP test was developed in order to distinguish the different alleles. Polymorphisms are detected by digestion with the endonucleases HindIII, HaelII, and Maell followed by

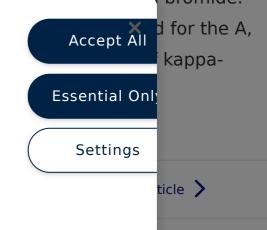
Twenty 6

About Cookies On This Site

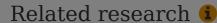
B, and E casein d



We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our Privacy Policy



This work was funded by UBACyT project No. VE003, University of Buenos Aires, Argentina. We acknowledge the collaboration of Dr. Patricia Soria in sample collection. We thank also Dr. Pablo Corva for critical evaluation and improvement of the manuscript.



People also read

Recommended articles

Cited by 14

Genetic Polymorphism in Kappa-casein Gene Detected by PCR-RFLP in Cattle >

Unsal Dogru et al.

Journal of Applied Animal Research Published online: 14 Nov 2011

About Cookies On This Site



We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our Privacy Policy

Accept All

Essential Only

Settings

Information for

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

Keep up to date

Register to receive personalised research and resources by email



Sign me up











Copyright © 2024 Informa UK Limited Privacy policy Cookies Terms & conditions



Accessibility

Registered in England & Wales No. 3099067 5 Howick Place | London | SW1P 1WG

About Cookies On This Site



We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our Privacy Policy



Essential Onl

Settings