Letter to the editor: About the characterization of the genetic variants F² and G¹ of cow's milk κ -casein

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Farrell et al. (2004) reported that both κ -casein genetic variants F² and G¹ of cow's milk arise from a single mutation of κ -CN B, whereas in the original paper of Prinzenberg et al. (1996), it was reported that both variants arise from a single mutations of κ -CN A: a His (F²) residue for Arg (A) at position 10 and a Cys (G¹) residue for Arg (A) at position 97. This is also documented in Formaggioni et al. (1999), Prinzenberg et al. (2008), and Caroli et al. (2009). The latter 2 papers reported a further mutation in G¹: an Ile (G¹) residue for Thr (A) at position 135.

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