

Title (en)

ADRENERGIC RECEPTOR SNP FOR IMPROVED MILKING CHARACTERISTICS

Title (de)

SNP DES ADRENERGEN REZEPTORS FÜR VERBESSERTE MELKCHARAKTERISTIKA

Title (fr)

SNP DE RECEPTEUR ADRENERGIQUE POUR AMELIORER LES CARACTERISTIQUES DE TRAITE

Publication

**EP 1673382 A1 20060628 (EN)**

Application

**EP 04784592 A 20040921**

Priority

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- US 50511303 P 20030923

Abstract (en)

[origin: WO2005030789A1] Disclosed herein is a method for screening for the allele associated with a desired SCS phenotype, which comprises: obtaining a DNA sample from a bull to be tested for the desired SCS phenotype; and detecting the presence of an adenine at position 11 in a gene encoding a bovine beta2-adrenoreceptor. Also disclosed is a milking attribute PCR-RFLP kit containing a pair of primers which flank the 11<th> nucleotide position of the bovine beta2-adrenoreceptor gene, and a restriction enzyme specific for the CCCGGG site, which can be SmaI.

IPC 1-7

**C07H 21/02**; **C07H 21/04**; **C12P 19/34**

IPC 8 full level

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CPC (source: EP)

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