

Title (en)

METHOD FOR SELECTION OF NON-HUMAN MAMMAL PRODUCING MILK WITH IMPROVED FATTY ACID COMPOSITION

Title (de)

VERFAHREN ZUR AUSWAHL EINES MILCH MIT VERBESSERTER FETTSÄUREZUSAMMENSETZUNG PRODUZIERENDEN NICHTMENSCHLICHEN SÄUGERS

Title (fr)

PROCÉDÉ DE SÉLECTION D'UN MAMMIFÈRE NON HUMAIN PRODUISANT DU LAIT À COMPOSITION EN ACIDES GRAS AMÉLIORÉE

Publication

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Application

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Abstract (en)

[origin: WO2008100145A2] The invention relates to the use of means that detect the presence of a SC D 878V allele and /or a DGAT 1 232A a

IPC 8 full level

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CPC (source: EP)

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A23C 2230/10 (2013.01); **A23V 2002/00** (2013.01); **C12Q 2600/124** (2013.01)

Citation (search report)

See references of WO 2008100145A2

Citation (examination)

- WO 0236824 A1 20020510 - GEORGES MICHEL ALPHONSE JULIEN [BE], et al
- US 2004254104 A1 20041216 - BLOTT SARAH [BE], et al
- WO 2004004450 A1 20040115 - A2 CORP LTD [NZ], et al
- US 2004234986 A1 20041125 - FRIES HANS-RUDOLF [DE], et al
- LACORTE G A ET AL: "DGAT1 K232A polymorphism in Brazilian cattle breeds.", GENETICS AND MOLECULAR RESEARCH : GMR 2006, vol. 5, no. 3, 2006, pages 475 - 482, ISSN: 1676-5680
- GRISART B ET AL: "Positional candidate cloning of a QTL in dairy cattle: Identification of a missense mutation in the bovine DGAT1 gene with major effect on milk yield and composition", GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, WOODBURY, NY, US, vol. 12, no. 2, 1 February 2002 (2002-02-01), pages 222 - 231, XP002227895, ISSN: 1088-9051, DOI: 10.1101/GR.224202
- GRISART B ET AL: "Genetic and functional confirmation of the causality of the DGAT1 K232A quantitative trait nucleotide in affecting milk yield and composition", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC; US, vol. 101, no. 8, 24 February 2004 (2004-02-24), pages 2398 - 2403, XP002326522, ISSN: 0027-8424, DOI: 10.1073/PNAS.0308518100
- SPELMAN R J ET AL: "Characterization of the DGAT1 gene in the New Zealand dairy population", JOURNAL OF DAIRY SCIENCE, AMERICAN DAIRY SCIENCE ASSOCIATION, US, vol. 85, no. 12, 1 December 2002 (2002-12-01), pages 3514 - 3517, XP002436970, ISSN: 0022-0302, DOI: 10.3168/JDS.S0022-0302(02)74440-8

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