Title (en)

THE PORCINE ADIPOCYTE FATTY ACID-BINDING PROTEIN ENCODING GENE AND METHODS TO LOCALISE, IDENTIFY OR MARK GENES OR ALLELES OR QUANTITATIVE TRAIT LOCI OF FARM ANIMALS

Title (de)

GEN FÜR DAS ADIPOZYTEN FETTSÄURE-BINDE-PROTEIN AUS SCHWEIN UND METHODEN ZUR LOKALISIERUNG, IDENTIFIZIERUNG ODER MARKIERUNG VON GENEN UND ALLELEN ODER QUANTITATIVEN MERKMAL-SPEZIFISCHEN LOCI VON NUTZTIEREN

Title (fr)

GENE CODANT LA PROTEINE SE LIANT A L'ACIDE GRAS DES ADIPOCYTES DU PORC, ET PROCEDES DE LOCALISATION, D'IDENTIFICATION OU MARQUAGE DES GENES OU ALLELES OU LOCI DE CARACTERE QUANTITATIF DES ANIMAUX DE FERME

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Abstract (en)

[origin: WO9914365A1] The present invention provides a novel sequence of the pig A-FABP gene, as well as methods of using said gene and its products. Especially the invention provides methods for detecting different alleles of the pig A-FABP gene, which different alleles are associated with differences in the genotypic and/or phenotypic traits of the pigs having those alleles. Especially the invention provides methods for distinguishing between alleles resulting in different phenotypes, particularly using techniques involving selective amplification of pig A-FABP gene derived materials. These techniques are especially suitable for selecting animals to be used in breeding programmes. Breeding programmes employing such techniques are also disclosed.

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