

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

Publication  
**EP 1015634 A1 20000705 (EN)**

Application  
**EP 98944340 A 19980918**

Priority  
• EP 98944340 A 19980918  
• EP 97202857 A 19970918  
• NL 9800541 W 19980918

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.

IPC 1-7  
**C12Q 1/68; C07K 14/47**

IPC 8 full level  
**C07K 14/47** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6876** (2018.01)

CPC (source: EP)  
**C07K 14/47** (2013.01); **C12Q 1/6876** (2013.01); **C12Q 2600/124** (2013.01); **C12Q 2600/156** (2013.01)

Citation (search report)  
See references of WO 9914365A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9914365 A1 19990325**; AU 9189998 A 19990405; CA 2304349 A1 19990325; EP 1015634 A1 20000705

DOCDB simple family (application)  
**NL 9800541 W 19980918**; AU 9189998 A 19980918; CA 2304349 A 19980918; EP 98944340 A 19980918