

Title (en)  
GENETIC MARKERS FOR DIAGNOSING THE SPLAY LEG PHENOTYPE EXPRESSION IN DOMESTIC ANIMALS, BREEDING ANIMALS, AND WORKING ANIMALS

Title (de)  
GENETISCHE MARKER FÜR DIE DIAGNOSE DER AUSPRÄGUNG DES PHÄNOTYPS "SPREIZBEINIGKEIT" BEI HAUS-, ZUCHT- UND NUTZTIEREN

Title (fr)  
MARQUEURS GENETIQUES SERVANT A DIAGNOSTIQUER L'EXPRESION DU PHENOTYPE DE L'HYPOPLASIE MYOFIBRILLAIRE CHEZ DES ANIMAUX DOMESTIQUES, DES ANIMAUX DE REPRODUCTION ET DES ANIMAUX DE RENTE

Publication  
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Application  
**EP 03769374 A 20031010**

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Abstract (en)  
[origin: WO2004035820A1] Disclosed is the use of a first nucleic acid for determining the predisposition to express or inherit the splay leg phenotype in a mammal/poultry, said first nucleic acid having a length of at least 8 nucleotides and being identical or essentially identical to a second nucleic acid occurring on chromosome 5 of the pig or in a homologous position in the genome of other mammals/poultry, i.e. in the area of the microsatellites Sw1468, Sw2, Sw1200, Sw2425, Sw995, IGF1, S0005, Sw963, Sw1987, S0018, Sw904, Sw310, Swr1974, Swr426, Sw1094, Sw986, or Sw1982, or on chromosome 11 of the pig or in a homologous position in the genome of other mammals/poultry, i.e. in the area of microsatellites S0182, S0071, Sw2008, Sw435, S0009, S0230, or Sw486. The invention also relates to methods for determining the predisposition to express or inherit the splay leg trait in mammals/poultry.

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**C12Q 1/68**

IPC 8 full level  
**C12Q 1/68** (2006.01)

CPC (source: EP)  
**C12Q 1/6876** (2013.01); **C12Q 1/6888** (2013.01); **C12Q 2600/156** (2013.01)

Citation (search report)  
See references of WO 2004035820A1

Citation (examination)  
• ROHRER G A ET AL.: "A comprehensive map of the porcine genome", PCR METHODS AND APPLICATIONS, vol. 6, 1996, COLD SPRING HARBOR, NY, US, pages 371 - 391, XP002193166  
• ROHRER G A ET AL.: "A MICROSATELLITE LINKAGE MAP OF THE PORCINE GENOME", GENETICS, vol. 136, 1994, AUSTIN, TX, US, pages 231 - 245, XP000601919

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