

Title (en)

MELANOCORTIN-4 RECEPTOR GENE AND USE AS A GENETIC MARKER FOR FAT CONTENT, WEIGHT GAIN, AND/OR FEED CONSUMPTION OF ANIMALS

Title (de)

MELANOCORTIN-4 REZEPTOR GEN UND SEINE VERWENDUNG ALS GENETISCHER MARKER FÜR FETTGEHALT, GEWICHTSZUNAHME, UND/ODER FUTTERVERBRAUCH VON TIEREN

Title (fr)

GENE RECEPTEUR DE MELANOCORTINE 4 ET SON UTILISATION COMME MARQUEUR GENETIQUE DE LA TENEUR EN MATIERES GRASSES, DE LA PRISE DE POIDS ET/OU DE LA CONSOMMATION D'ALIMENTS CHEZ DES ANIMAUX

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Abstract (en)

[origin: WO0006777A2] Genetic markers in the porcine melanocortin-4 receptor (MC4R) gene are disclosed which are associated with fat content, growth rate, and feed consumption. Further, novel sequence data from regions of the gene are disclosed which may be used in a PCR test to screen for the presence of the marker. The genetic marker may be used to screen animals for breeding purposes which have the desired traits regarding fat content, growth rate, and feed consumption. Kits which take advantage of the PCR test are also disclosed.

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