

Title (en)

METHODS TO IDENTIFY EVOLUTIONARILY SIGNIFICANT CHANGES IN POLYNUCLEOTIDE AND POLYPEPTIDE SEQUENCES IN DOMESTICATED PLANTS AND ANIMALS

Title (de)

VERFAHREN ZUR IDENTIFIZIERUNG EVOLUTIONSMÄSSIG SIGNIFIKANTER ÄNDERUNGEN IN POLYNUKLEOTID- UND POLYPEPTIDSEQUENZEN IN HAUSPFLANZEN UND -TIEREN

Title (fr)

METHODES D'IDENTIFICATION DE CHANGEMENTS IMPORTANTS AU NIVEAU EVOLUTIONNAIRE DANS DES SEQUENCES DE POLYNUCLEOTIDES ET DE POLYPEPTIDES CHEZ DES PLANTES ET ANIMAUX DOMESTIQUES

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Abstract (en)

[origin: WO03062382A2] The present invention provides methods for identifying polynucleotide and polypeptide sequences which may be associated with commercially or aesthetically relevant traits in domesticated plants or animals. The methods employ comparison of homologous genes from the domesticated organism and its ancestor to identify evolutionarily significant changes and evolutionarily neutral changes. Sequences thus identified may be useful in enhancing commercially or aesthetically desirable traits in domesticated organisms or their wild ancestors.

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