

## Title (en)

USES OF THE GJB6 GENE FOR TREATING CERTAIN TYPES OF ALOPECIA INCLUDING THE CLOUSTON'S SYNDROME, AND FOR SCREENING COMPOUNDS CAPABLE OF BEING EFFICIENT IN THE TREATMENT OF ALOPECIA WITH GENETIC SUSCEPTIBILITY

## Title (de)

VERWENDUNGEN DES GJB6 GENS ZUR BEHANDLUNG VON BESTIMMTEN FORMEN VON ALOPECIA INKLUSIVE DES CLOUSTON SYNDROMS UND ZUM DURCHMUSTERN VON VERBINDUNGEN DIE ZUR EFFIZIENTEN BEHANDLUNG VON ALOPECIA MIT GENETISCHER SUSZEPTIBILITÄT TAUGLICH SIND

## Title (fr)

UTILISATIONS DU GENE GJB6 DANS LE TRAITEMENT DE CERTAINES ALOPECIES DONT LE SYNDROME DE CLOUSTON, ET POUR LE CRIBLAGE DE COMPOSES SUSCEPTIBLES D'ÊTRE EFFICACES DANS LE TRAITEMENT D'ALOPECIES AVEC PREDISPOSITION GENETIQUE

## Publication

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## Application

**EP 01972222 A 20010927**

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## Abstract (en)

[origin: WO0226976A1] The invention is derived from the identification of mutations in the GJB6 gene, responsible for Clouston's syndrome. The symptomatology of said syndrome suggests that the GJB6 coding for connexin 30 (Cx-30), is most probably involved also in other types of alopecia with genetic susceptibility, in particular non-pathological. Therefore, the invention concerns the GJB6 gene sequence bearing at least one of the mutations 31(G>A) and 263(C>T), responsible for Clouston's syndrome, and the use of constructs comprising the GJB6 gene, both for preparing pharmaceutical compositions for treating Clouston's syndrome and/or certain disorders of the body hair system, and for screening molecules likely to have a beneficial effect in the treatment of alopecia. The invention also concerns methods for diagnosing Clouston's syndrome.

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