Title (en)

USE OF A MUTATION IN THE GENE FOR THE BETA-3-SUBUNIT OF HUMAN G-PROTEIN

Title (de)

VERWENDUNG EINER GENVERÄNDERUNG IM GEN FÜR DIE BETA-3-UNTEREINHEIT DES HUMANEN G-PROTEINS

Title (fr)

UTILISATION D'UNE MODIFICATION GENETIQUE DANS LE GENE CODANT POUR LA SOUS-UNITE BETA-3 DE LA PROTEINE G HUMAINE

Publication

**EP 1268852 A1 20030102 (DE)**

Application

**EP 01911592 A 20010205**

Priority

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- DE 10007587 A 20000221
- DE 10030945 A 20000624
- EP 0101196 W 20010205

Abstract (en)

[origin: WO0157246A1] The invention relates to the use of a mutation in the gene for the beta 3 subunit of human G proteins. Adenine is substituted by thymine at site 1, in position 657, in exon 9 and/or guanine is substituted by adenine at site 1, in position 814, in exon 10 and/or adenine is substituted by guanine at site 1, in position (-350), in the promoter area and/or adenine is substituted by cytosine at site 1, in position 3882, in intron 9 and/or guanine is substituted by adenine at site 1, in position 5177, in intron 9 and/or guanine is substituted by adenine at site 1, in position 5249, in intron 9 and/or there is an insert consisting the nucleotides cytosine-adenine-cytosine-adenine at site 1, in position 6496, in intron 10, for predicting physiological and pathophysiological conditions in the human body.

[origin: WO0157246A1] The invention relates to the use of a mutation in the gene for the beta 3 subunit of human G proteins. Adenine is substituted by thymine at site 1, in position 657, in exon 9 and/or guanine is substituted by adenine at site 1, in position 814, in exon 10 and/or adenine is substituted by guanine at site 1, in position (-350), in the promoter area and/or adenine is substituted by cytosine at site 1, in position 3882, in intron 9 and/or guanine is substituted by adenine at site 1, in position 5177, in intron 9 and/or guanine is substituted by adenine at site 1, in position 5249, in intron 9 and/or there is an insert consisting the nucleotides cytosine-adenine-cytosine-adenine at site 1, in position 6496, in intron 10, for predicting physiological and pathophysiological conditions in the human body.

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**C12Q 1/68**

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**C12Q 1/68** (2006.01)

CPC (source: EP US)

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See references of WO 0157246A1

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