Title (en)

METHOD FOR DETERMINING AGE INDEPENDENTLY OF SEX

Title (de)

VERFAHREN ZUR GESCHLECHTSUNABHÄNGIGEN BESTIMMUNG VON ALTERUNG

Title (fr)

PROCEDE DE DETERMINATION DU VIEILLISSEMENT INDEPENDAMMENT DU SEXE

Publication

EP 2914746 A2 20150909 (DE)

Application

EP 13802255 A 20131101

Priority

- DE 102012110469 A 20121101
- EP 2013072878 W 20131101

Abstract (en)

[origin: WO2014068092A2] The invention relates to a method for determining the aging condition of a subject. The method makes it possible to make conclusions about the age of a subject and conditions of the subject associated with the age - including independently of the sex - on the basis of certain nucleic acids or proteins and the expression level thereof. The invention further relates to a group of genes, the expression level of which depends on the aging condition of the particular subject - including independently of the sex. The invention further relates to the determination of the expression level of the genes and the use of the corresponding expression levels to determine aging conditions. The invention further relates to devices, in particular arrays and chips, that can be used to determine the aging condition of a subject.

IPC 8 full level

C12Q 1/68 (2006.01)

CPC (source: CN EP US)

C12Q 1/6876 (2013.01 - EP US); **C12Q 1/6888** (2013.01 - CN); **G01N 33/6881** (2013.01 - US); C12Q 2600/124 (2013.01 - US); C12Q 2600/158 (2013.01 - CN EP US); C12Q 2600/16 (2013.01 - US)

Citation (search report)

See references of WO 2014068092A2

Citation (examination)

- JP 2008178390 A 20080807 - NIPPON MENAADE KESHOHIN KK
- N N: "GeneAnnot Search: CORIN", GENE ANNOT MICROARRAY GENE ANNOTATION DATABASE, 13 October 2016 (2016-10-13), XP055310440, Retrieved from the Internet <URL:https://genecards.weizmann.ac.il/cgi-bin/geneannot/GA_search.pl?array=HG-U95&array=HG-U133&array=HG-U133_Plus_2&keyword_type=gene_symbol&keyword=corin&target=integrated&.submit=Submit+Query> [retrieved on 20161013]
- ANONYMOUS: "[HG_U95B] Affymetrix Human Genome U95B Array", 11 March 2002 (2002-03-11), XP055381716, Retrieved from the Internet <URL:https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GPL92> [retrieved on 20170614]
- ANONYMOUS: "[HG-U133_Plus_2] Affymetrix Human Genome U133 Plus 2.0 Array", 7 November 2003 (2003-11-07), XP055381695, Retrieved from the Internet <URL:https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GPL570> [retrieved on 20170614]
- ANONYMOUS: "GeneAnnot Overview Page", 14 June 2017 (2017-06-14), XP055381758, Retrieved from the Internet <URL:https://genecards.weizmann.ac.il/geneannot/overview.shtml> [retrieved on 20170614]
- ANONYMOUS: "Data Sheet. GeneChip Human Genome U95 Set", 1 January 2003 (2003-01-01), pages 1 - 2, XP055381769, Retrieved from the Internet <URL:http://tools.thermofisher.com/content/sfs/brochures/hgu95_datasheet.pdf> [retrieved on 20170614]
- SWINDELL, WR: "META-PROFILES OF GENE EXPRESSION DURING AGING: LIMITED SIMILARITIES BETWEEN MOUSE AND HUMAN AND AN UNEXPECTEDLY DECREASED INFLAMMATRY SIGNATURE", PLOS ONE, vol. 7, no. 3, 1 March 2012 (2012-03-01)
- DEKKER PIM ET AL: "Microarray-based identification of age-dependent differences in gene expression of human dermal fibroblasts", MECHANISMS OF AGEING AND DEVELOPMENT, vol. 133, no. 7, 1 January 2012 (2012-01-01), pages 498 - 507, XP028930368, ISSN: 0047-6374, DOI: 10.1016/J.MAD.2012.06.002

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102012110469 A1 20140508; CN 104797719 A 20150722; EP 2914746 A2 20150909; KR 20150094601 A 20150819; US 2015284795 A1 20151008; WO 2014068092 A2 20140508; WO 2014068092 A3 20140626

DOCDB simple family (application)

DE 102012110469 A 20121101; CN 201380057252 A 20131101; EP 13802255 A 20131101; EP 2013072878 W 20131101; KR 20157012716 A 20131101; US 201314439639 A 20131101