

Title (en)  
GENETIC ANALYSIS SYSTEMS AND METHODS

Title (de)  
GENANALYSESYSTEME UND -VERFAHREN

Title (fr)  
PROCÉDÉS ET SYSTÈMES D'ANALYSE GÉNÉTIQUE

Publication  
**EP 2102651 A4 20101117 (EN)**

Application  
**EP 07854875 A 20071130**

Priority

- US 2007086138 W 20071130
- US 86806606 P 20061130
- US 95112307 P 20070720
- US 78167907 A 20070723
- US 97219807 P 20070913
- US 98562207 P 20071105
- US 98968507 P 20071121

Abstract (en)  
[origin: GB2444410A] A method or system for assessing phenotypes, such as a disease or a susceptibility to a disease, of an individual's genomic information, such as single nucleotide polymorphisms (SNPs), comprises comparing a genomic profile of the individual with a database of genotype/phenotype correlations. reporting the results back to the individual, updating the database with newly discovered correlations and/or new genomic data and reporting the revised correlations back to the individual. Multiple genetic markers, together with other information, are combined to produce a Genetic Composite Index (GCI) score. An on-line portals comprising a website allows individuals to access and analyse the information. Methods for determining predisposition to, in particular, Alzheimer's Disease, colorectal cancer, osteoarthritis or exfoliation glaucoma, based on specific SNP markers, are provided.

IPC 8 full level  
**G06F 19/00** (2011.01); **C12Q 1/68** (2006.01); **G01N 33/48** (2006.01); **G06F 17/30** (2006.01); **G16B 20/10** (2019.01); **G16B 20/20** (2019.01); **G16B 20/40** (2019.01); **G16B 50/30** (2019.01)

CPC (source: CN EP GB KR US)  
**C12Q 1/6827** (2013.01 - GB); **C12Q 1/6837** (2013.01 - GB); **C12Q 1/6883** (2013.01 - CN EP GB KR); **C12Q 1/6886** (2013.01 - CN EP KR); **G01N 33/48** (2013.01 - KR); **G16B 20/00** (2019.02 - EP GB KR); **G16B 20/10** (2019.02 - CN EP GB US); **G16B 20/20** (2019.02 - CN EP GB US); **G16B 20/40** (2019.02 - CN EP GB US); **G16B 50/00** (2019.02 - KR); **G16B 50/30** (2019.02 - CN EP GB US); **C12Q 2600/156** (2013.01 - CN EP KR); **C12Q 2600/172** (2013.01 - CN EP KR); **G16B 50/00** (2019.02 - EP); **Y02A 90/10** (2018.01 - EP)

Citation (search report)

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- [Y] WO 0126029 A2 20010412 - ORCHID BIOSCIENCES INC [US]
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Citation (examination)

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**GB 0723512 A 20071130**; AU 2007325021 A 20071130; CA 2671267 A 20071130; CN 201310565723 A 20071130; EP 07854875 A 20071130; HK 10106416 A 20100630; JP 2009539519 A 20071130; JP 2014102062 A 20140516; KR 20097013756 A 20071130; TW 96145856 A 20071130; US 2007086138 W 20071130