Title (en)
METHODS TO REDUCE VARIANCE IN TREATMENT STUDIES USING GENOTYPING

Title (de)
VERFAHREN UM VERÄNDERUNGEN IN BEHANDLUNGSSTUDIEN DIE GENOTYPISIERUNG VERWENDEN, ZU VERRINGERN

Title (fr)
PROCEDES VISANT A REDUIRE LA VARIANCE DES ETUDES DE TRAITEMENTS AU MOYEN DE GENOTYPAGE

Publication
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Application
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Priority
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Abstract (en)
[origin: WO0033161A2] The present invention provides methods, computer programs and computerized systems useful for evaluating the efficacy of various types of treatment procedures (e.g., clinical trials) as a function of the genotype of a subject. By matching treatment and control groups genetically, the methods and systems of the invention reduce the total variance of the study, thereby allowing trials examining the efficacy or effect of treatment procedures to be conducted with fewer subjects, with increased confidence values, and/or with increased precision or discriminatory power. Certain methods of the invention involve selecting treated and control subpopulations of subjects from treated and control populations for similarity in polymorphic profile, wherein the treated and control populations have been treated with a treatment and control procedure, respectively. A determination is then made whether there is a statistically significant difference in a test parameter between the treated and control subpopulations as an assessment of the test procedure.

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G06F 1/00

IPC 8 full level
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Cited by
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