

## Reviewer's report

**Title:** Polymorphisms of the Flavin Containing monooxygenase 3 (FMO3) gene do not predispose to essential hypertension in Caucasians.

**Version:** 1 **Date:** 7 June 2005

**Reviewer:** elizabeth A phillips

### Reviewer's report:

#### General

The experimental design and statistical analysis seem sound. The premise for the design of the experiments i.e. the link between FMO3 polymorphic variation and hypertension was not strong from the available evidence. The authors have indeed gone on to show a negative correlation between FMO3 variants and hypertension.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Background: Change the last sentence of the paragraph on TMAuria to read. 'We and others have ..' and insert the reference of. Dolphin, C.T., Janmohamed, A., Smith, R.L., Shephard, E.A. and Phillips, I.R. (1997) A missense mutation, pro153leu (C>T), in the gene encoding flavin-containing monooxygenase 3, FMO3, underlies fish-odour syndrome. Nature Genet. 17, 491-494.

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Discretionary Revisions (which the author can choose to ignore)

**What next?:** Accept after minor essential revisions

**Level of interest:** An article of limited interest

**Quality of written English:** Acceptable

**Statistical review:** No

**Declaration of competing interests:**

I declare that I have no competing interests