Reviewer's report

**Title:** Genetic variations and linkage disequilibrium block analysis on chromosome 15q14-22.1 for T2D candidate region in the Japanese population

**Version:** 2  **Date:** 5 September 2007

**Reviewer:** Shiro Maeda

**Reviewer's report:**

**General**

In this manuscript, Yamaguchi Y. et al. have performed an extensive search for genes conferring susceptibility to type 2 diabetes within the candidate locus at chromosome 15q14-22.1 using evenly-spaced common SNP markers in the Japanese. They found modest association of 1 SNP locus with T2D, but the association was not strong enough to overcome the threshold of the significance for the present large-scale analysis. This paper has considerable interest, and provides important information for scientists in the field of genetics for type 2 diabetes.

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

The authors are recommended to state how completely their evenly-spaced SNPs could cover the present locus. Also please explain the reason why the authors selected those SNPs rather than tag SNPs.

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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)**

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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 whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**
I declare that I have no competing interests.