Reviewer's report

Title: Association of toll-interacting protein gene polymorphisms with atopic dermatitis

Version: 2 Date: 15 February 2007

Reviewer: Emiko Noguchi

Reviewer's report:

General
The authors responded to my comment that adding more tagSNP would probably not have given additional information. In the introduction section, the authors mentioned that TOLLIP gene an interesting candidate gene for AD. Screening exons for the coding SNP was one option before the HapMap and other data was publically available. Now millions of SNPs are available on the database. Several SNPs other than coding region (for example, promoter regions) have been shown to be associated with atopic diseases (IL-4, CD14 and etc).

If the P value did not reach the statistically significant level (P = 0.0102), it is difficult to claim that -526G allele showed borderline association with AD.

What next?: Reject because scientifically unsound

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

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