Reviewer's report

Title: A novel sero-genetic approach determines the community prevalence of celiac disease and informs improved diagnostic pathways

Version: 1 Date: 8 July 2013

Reviewer: Derek Jewell

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This is a remarkable study in an Australian population assessing the value of a combined genetic and serological approach to the diagnosis of coeliac disease. It is coupled with the current gold-standard of duodenal biopsy and a cost-effectiveness analysis. Large cohorts of patients are studied, different combinations of gliadin serology are included, and statistical analysis is appropriate. The data are complex but well presented. The introduction is perhaps a bit long but the discussion is concise.

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

No C of I.