Reviewer's report

Title: Lack of association between Cathepsin D C224T polymorphism and risk of Alzheimer’s disease: An update meta-analysis

Version: 3 Date: 9 November 2013

Reviewer: Sheng Chih Jin

Reviewer's report:

The authors have done a significant amount of work to improve the language, analyses, and interpretation. They have answered my comments well to allow this manuscript to be published. They sufficiently performed meta-analyses with the largest, to date, sample size and reported there is no association between Cathepsin D C224T variant and AD risk.

1. There are still some minor typographical errors in the manuscript needed to be modified before publication.
   Page 3 line 7 an innate not an innate.
   Page 4 line 18 polymorphism is not polymorphism is.
   Page 7 A wet-based program – Tell the readers which program and also the reference.
   Page 8 line 16 or autopsy not or autopsy.
   Page 7, Table 1, and Table 2 inconsistent acronym, i.e. EAOD/LAOD versus EOAD/LOAD.
   Table 1 Numbers were not correct for the counts of EAOD and LAOD cases of Italy descent.

2. Give ORs, p values and 95% CIs for all the analytical results throughout the manuscript. (ex: Page 9 subgroup analyses and APOE e4 stratified analyses).

Level of interest: An article of limited interest

Quality of written English: Acceptable

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

Declaration of competing interests:

I have no competing interests to declare.