Reviewer’s report

Title: Mutations at codon 178, 200-129, and 232 contributed to the inherited prion diseases in Korean patients

Version: 1 Date: 17 March 2009

Reviewer: Maurizio Pocchiarri

Reviewer’s report:

The work described in your manuscript is of some interest. However, there are some revisions that I would like to suggest:

Major Compulsory Revisions

1. Figure 3. Brain MRI. I see the lesions in DWI but not in T2-FLAIR images. Moreover, in the DWI image of the M232R patient there is high signal in the occipital area. Is that a lesion or an unspecific signal?

2. Figure 3. EEG. The EEG on the left does not seem typical for CJD. I would suggest to choose a better EEG for this patient.

3. Discussion. In the discussion the Author should avoid to repeat what has been already described in the result session.

Minor Essential Revisions

1. PRNP should be in italics

2. Background, line 8. In this context, it would be better to use the generic term “genetic TSE” rather than familial CJD.

3. The first sentence of the discussion should be removed.

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

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

I declare that I have no competing interests