Reviewer's report

Title: A PARK2 Polymorphism (rs1784594) Associated with Delayed Neuropsychological Sequelae after Carbon Monoxide Poisoning

Version: 3 Date: 22 July 2013

Reviewer: Nigel M Williams

Reviewer's report:

Major Revisions.

the authors state that they initially performed an analysis using pooled DNA samples with an 660W0quad array. If this is the case then the results should be presented.

It is not clear how the authors selected the 2 SNPs for analysis. If it was from the genome-wide pooled analysis then the results should be genome wide corrected.

This ambiguity has the be addressed before the data can be interpreted.

Minor corrections.

1. In table 1, the numbers of male/females typed in controls are incorrect.
2. in table 2, the percentage of genotypes are wrong in all situations.

Level of interest: An article of limited interest

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

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