Reviewer's report

Title: Dopamine-agonist responsive parkinsonism in a patient with the SANDO syndrome caused by POLG mutation

Version: 1 Date: 24 June 2013

Reviewer: Laura Vilarinho

Reviewer's report:

Minor Essential Revisions

The authors present a POLG mutation in a patient with SANDO and dopamine-agonist parkinsonismo contributing to the ever-expanding clinical spectrum of POLG-related disorders. Additionally, they highlight the importance of this diagnosis for the adoption of effective symptomatic therapies.

The manuscript is well conceived and well-written

I have only the minor comments:

- please correct the treatment prescriptions, correct die per day
- concerning the electropherogram, the image has probably lost its formatting/settings including the arrow that is misplaced.
- can the authors provide an improved image of the WB for better visualization of the PLOG protein?

The authors claim that the p.A899T leads to a 45% decrease of the POLG protein. The mutation is located in the polymerase domain of the POLG protein so was it possible to detect qualitative changes in the mtDNA?
- AHS is not included in the list of abbreviations used

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

Quality of written English: Acceptable

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