Reviewer's report

Title: Whole exome sequencing of microdissected splenic marginal zone lymphoma: a study to discover novel tumor-specific mutations.

Version: 2 Date: 30 May 2015

Reviewer: Miguel A Piris

Reviewer's report:

The study confirms previously published data and shows some new mutated genes, with potential interest.

My suggestions for improving the manuscript are the following:

The functional relevance of SMYD1 mutation should be explored.
Clinical correlation of these findings may give more relevance to these findings.
Proportion of neoplastic cells should be somehow scored.
The study does not confirm KLF2 mutations, now described to be the most frequent mutational event in SMZL. A specific search for these mutations would consolidate the data here provided.

Level of interest: An article of outstanding merit and interest in its field.

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.