Reviewer's report

Title: Efficient and reproducible identification of mismatch repair-defective colon cancer: validation of the MMR index and comparison with other predictive models

Version: 1 Date: 22 January 2013

Reviewer: Paul M Waring

Reviewer's report:

Discretionary revisions:
Minor grammatical errors to be addressed by native English speaker.

Minor essential revisions:
Address discrepancy in criteria defining mucinous /signet ring - includes both >50 and >10%

Did not account for the contribution of germline MLH1 mutations in estimated frequency of Lynch syndrome (3% based in loss of MSH2 and 6 expression only).

Level of interest: An article of importance in its field

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.