Reviewer's report

Title: Histologic continuity in pulmonary mucinous cystic neoplasia: in support of the adenoma-carcinoma sequence.

Version: 6 Date: 21 May 2008

Reviewer: Aliya Husain

I am familiar with the literature and believe that this case meets one of the 9 criteria for evaluation in the journal: Findings that shed new light on the possible pathogenesis of a disease or an adverse effect

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: No

Does the case report have explanatory value?: No

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

Overall, this is better now. The authors have improved many of the figures but the TTF-1 stain is not convincing - it should be called negative in tumor cells, which is a well-known phenomenon in primary mucinous tumors of the lung (this adds to the diagnostic problem since these tumors are also CK20 positive - this point should be added to the discussion). The title of the paper is misleading - this case report does not support the progression of adenoma to carcinoma - it should be changed to reflect the main point that mucinous carcinomas have variable appearance from well-differentiated areas to more dysplastic cells.

Quality of written English: Acceptable

Declaration of competing interests:

I declare that I have no competing interests.