Reviewer's report

Title: Molecular, cellular and physiological characterization of the cancer cachexia-inducing C26 colon carcinoma in mouse

Version: 2 Date: 14 May 2010

Reviewer: Joanna Davies

Reviewer's report:

The authors have adequately addressed the reviewers' comments.

Minor Essential Revisions:
1. Ref. #39 is incomplete.
2. Fig 2 legend - What does 9<n<22 mean? Where is M2 description.
3. Table 1 - (4<n<10)?
4. Typos in Fig legend 4.
5. Conclusion - Weight loss of at least 5% in 12 months does not apply to mice or man. For mice 20% weigh loss in 4 weeks is more the norm, and for human 5% weight loss in 3 or 6 months (depends on the tumor) is the norm with 10% loss in severe cachexia.
6. Guttridge and his group showed some time ago (2004) that the myosin heavy chain is selectively targeted during cachexia in the C26 model. The is relevant to discussion on page 19 and should be included.

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.