Reviewer's report

Title: Gene network analyses point to the importance of human tissue kallikreins in melanoma progression

Version: 3 Date: 22 August 2011

Reviewer: Eleftherios Diamandis

Reviewer's report:

Minor essential revisions

1. Abstract Page 2: Why is KLK7 grouped with the epidermal development but not with other KLK genes??


3. Page 10: Clarify how the false discovery rate was generated for correction.

4. Page 20: Remove figure 4 and 5 from discussion text

5. Figure 3: the y-axis is terrible. It just states KLK7 (Mean). It should indicate mean intensity values normalized, etc. The x-axes should include tumor subtype, stage, thickness, etc.

6. In the manuscript, the authors mention KLK6, 7, 8, and 13, show IHC results for KLK6 and KLK7 (figure 2) and transcript analysis for all 4 (figure 5). KLK7 protein expression was significantly associated with good prognosis. What about KLK6 and the other KLKs??

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

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'