Reviewer's report

**Title:** The role of a new CD44 variant in increasing invasion capability to human breast cancer cell line MCF-7

**Version:** 3 **Date:** 22 July 2010

**Reviewer:** David Naor

**Reviewer's report:**

Honestly, I am not very enthusiastic of the manuscript. For example my comment the author on Fig 8 was: "p-erk blotting. The claim that HA stimulation activates erk phosphorylation is not convincing, as there is no much difference in the signaling intensity between positive HA stimulation of the cells and lack of HA stimulation (the first and the second bands on erk blotting). A better representative Fig 8 (in which the difference is clearer) should be again sent to the editor". His answer was: "I could not find a better one to replace it" I did not asked him to find a better photo, I asked him to do a new better experiment. Also, the authors use superlative terms like "rates much more than" in page 12 line 13, "a remarkable decrease" in page 12 line 16, "CD44 strongly blocked" in page 14 line 7. Examining the relevant data in the figures, it is clear that the terms "much" "remarkable" and "strongly" do not reflect the small (although significant) difference between the groups. I would suggest a low priority for publication of this manuscript, but only after additional revision.