Reviewer's report

Title: Expression of integrin alpha3beta1 and cyclooxygenase-2 (COX2) are positively correlated in human breast cancer

Version: 1 Date: 10 March 2014

Reviewer: Masao Saitoh

Reviewer's report:

The authors demonstrated that expression of alpha3beta1 integrin is positively correlated with that of Cox2 in specimens of breast cancer patients. Experiments of this manuscript are technically sound and the conclusions are supported by the data. Recently, molecular mechanism of upregulation of alpha3 integrin and its possible involvement in EMT have been reported in FEBS J (2012 279,p4535) and Cancer Sci (2013 104,p1189), respectively. Thus, the author should discuss on them in “Discussion” section.

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

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.