Reviewer's report

Title: KIAA0101 (OEACT-1), an expressionally down-regulated and growth-inhibitory gene in human hepatocellular carcinoma

Version: 1 Date: 20 February 2006

Reviewer: Ludwig Wilkens

Reviewer's report:

Dear Editor:
The authors analysed the expression of OEACT-1 in HCC. This gene is discussed to be involved in dysregulation of cell proliferation in thyroid cancer, non-small cell lung cancer and colon cancer. By combined techniques of immunohistochemistry, fluorescence image examination and enriched mitochondrial protein Western blot this gene was analysed in tissue arrays, fresh tumour samples, and cell lines. By this approach a downregulation was seen in HCC. These findings are reported in a well written manuscript. Introduction, Background and Methods clearly describe this approach. In the Results an appropriate description of the findings is done and are discussed later on. Surprisingly, OEACT-1 was found down regulated contrary to reports dealing with other malignant entities.

Major criticisms:
The discussion is written shortly with not so many comparison and informations concerning the actual literature. This could be done more extensive.

Minor criticisms:
Chapter Results, 3rd line, Followed … This sentence is not clear.

What next?: Accept after minor essential revisions

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: No