Reviewer's report

**Title:** Mutation analysis of genes that control the G1/S cell cycle in melanoma: TP53, CDKN1A, CDKN2A, and CDKN2B

**Version:** 1  **Date:** 16 February 2005

**Reviewer:** Peter Schrier

Reviewer's report:

This paper addresses an investigation of alterations in G1/S control genes in human melanoma. The work is well-performed and looks sound. A number of mutations have been found, some of which might indeed be involved in melanoma development. Although this work provides a new set of melanomas analysed for mutations in cell cycle related genes, the data seem rather confirmative and do not add substantial new information to the field.

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**Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)**

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**Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)**

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**Discretionary Revisions (which the author can choose to ignore)**

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**What next?:** Accept without revision

**Level of interest:** An article of limited interest

**Quality of written English:** Acceptable

**Statistical review:** No