Reviewer's report

Title: Novel SYBR-based duplex qPCR for the detection of gene dosage: Detection of an APC large deletion in a Familial adenomatous polyposis patient with unusual phenotype.

Version: 3 Date: 6 June 2012

Reviewer: ROSSELLA TRICARICO

Reviewer's report:

MINOR ESSENTIAL REVISIONS:

Methods
SYBR-based duplex PCR, last paragraph, fifth and sixth sentence: The correct proportions 3P:1C using 18 ng of DNA in each reaction of DNA should be 13.5ng:4.5ng. Please, check.

Discussion
First paragraph, last sentence: The APC variant p. Gln2322Arg could be a neutral rare variant (rather than a polymorphism, which by definition is not rare).

DISCRETIONARY REVISIONS
The paper would benefit from the following correction in language:
Methods, first paragraph, fourteenth line: “did not identified” should be replaced with “did not identify”

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

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.