Author's response to reviews

Title: The multidrug resistance 1 (MDR1) gene polymorphism G-rs3789243-A is not associated with disease susceptibility in Norwegian patients with colorectal adenoma and colorectal cancer; a case control study.

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Author's response to reviews:

Thanks for the comments from the referees to our article. We have taken the following actions:

Referee 1:
1. The abstract has been rewritten and arranged into Background, Methods, Results, and Conclusions. A concluding sentence has been added.
2. The manuscript has been arranged according to the journals rules.
3. The background section has been rewritten and, hopefully, the aim should now be clear.
4. A section has been added about the recruitment of patients and controls.
5. The statement on consents has been added to the subject description in the Methods section.
6. This article deals with DNA isolated from blood samples. We are therefore not describing the use of other biologic materials. 30 ml blood was collected from each participant for biobanking purposes.
7. An explanation of how the genotype frequencies were compared has been added.
8. The references have been included by using Reference Manager 11. We have tried to format references as requested by the referee, and according to the journal guidelines. By using this reference program we were not able to find a reference output format totally adherent to the journal guidelines. According to correspondence with Roxane Rajabi, Editorial Administrator BMC Series Journals, who assured us that your production team will fix this problem. However, if the bibliography should still require to be changed we would be
grateful if the journal could offer us some helping advice.

9. The discussion has been rewritten and gene-diet interactions are now discussed.

10. The tables have been made clearer.

Referee 2:

1) A power estimation has been added.

2) The low- and high-risk adenomas have now been combined, but the carcinomas are kept separate as this is a different clinical condition.

Since the first submission of this manuscript, a paper describing the genotyping of MDR1 G-rs3789243-A in inflammatory bowel diseases has been published by us (Østergaard et al. Scand J Gastroenterol, 2009: Jan 44:1, 65-73). Accordingly, we have removed the detailed description of MDR1 in the present manuscript.