Author's response to reviews

Title: ICOS gene polymorphisms are associated with sporadic breast cancer: a case-control study

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Dear Editors,

We have learned from your letter about the final confirmation for my manuscript entitled “ICOS gene polymorphisms are associated with sporadic breast cancer: a case-control study” (MS: 1485703564560950). Thank you for your formatting checks of my article. We have checked our manuscript very carefully for typographical and content changes. In addition, we will pay for the manuscript as soon as possible. The revised portions were marked in red for easy check/editing as listed below.

In the Methods

In the sentence “Annealing temperature were rs11889031 (58°C), IVS1+173 (55.8°C), rs4675374 (56°C), c:602 (58°C) and c:1624 (61°C). The lengths of PCR products were 586bp (rs11889031), 317bp (IVS1+173), 301bp (rs4675374), 520bp (c:602) and 445bp (c:1624). The PCR products were digested with restriction enzymes (NEB, UK) according to the manufacturer's instruction and analyzed by 2% (rs11889031, rs10932029, rs4675374 and rs10183087) and 4% (rs10932037) agarose gel electrophoresis (Additional file 1, Figure S1). Restriction enzymes of each SNP were XmnI (rs11889031), Ddel (IVS1+173), Ddel (rs4675374), Hpy188III (c:602) and NlaIII (c:1624). The digested fragments length of each SNP were rs11889031 (T: 401+185bp, C: 586bp), IVS1+173 (C: 220+97bp, T: 317bp), rs4675374 (C:252+49bp, T:301bp), c:602 (C:283+133+104bp, A:283+237bp) and c:1624 (C: 270+86+70+19bp, T: 270+156+19bp)”. We have revised the SNP name for IVS1+173, c.602 and c.1624. The RS number for IVS1+173 is rs10932029, for c.602 is rs10183087 and for c.1624 is 10932037.

In the Results

1. In the sentence “However, no significantly differences were found between the alleles and genotypes of the other SNPs and the risk of breast cancer”, we replaced the word “significantly” by “significant”.

In the Discussion

1. In the sentence “We found that CTCAC haplotype containing rs10932029 T allele appeared to be a protective against breast cancer”, we deleted the word “a”.

In the Reference

2. In the reference 13, we replaced the journal name “Breast cancer research and treatment” by “Breast Cancer Res Treat”.

In the Additional file 1

1. In the legends, we replaced the word “lane” by “lanes” in some places. The revised sentence was as below:

Rs11889031 SNP: lanes 1 and 4: homozygote CC, lanes 2 and 3: heterozygote CT, lanes 5 and 6: homozygote TT. (B) Rs10932029 SNP: lanes 2, 5 and 6: homozygote TT, lanes 1 and 4: heterozygote CT, lane 3: homozygote CC. (C) Rs4675374 SNP: lanes 1 and 6: homozygote TT, lanes 2, 3 and 5: heterozygote CT, lane 4: homozygote CC. (D) Rs10183087 SNP: lanes 1 and 2: homozygote AA, lane 3: heterozygote AC, lanes 4 and 5: homozygote CC.

Thank you very much for your continued attention.

Best wishes,

Sincerely yours,

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