Author's response to reviews

Title: Influence of IL17A polymorphisms on the aberrant methylations of DAPK and CDH1 in non-cancerous gastric mucosa

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BMC Medical Genetics, Editor-in-Chief

Dear Sir,

We have already reported the significant association between IL-17A gene polymorphisms (rs2275913) and the susceptibility to gastric cancer (Hum Immunol 70:547-51, 2009). In this study, we studied an association between polymorphisms in IL17A (rs2275913 and rs3748067 in 3’-UTR) and gene methylation as pre-cancerous condition, in Japanese population. This study provide the first evidence that rs3748067 (*1244 C>T) is associated with the development of gastric disorders. In addition, it is also a first report that IL17A -197 G>A (rs2275913) and *1244 C>T may affect cooperatively on the development of pre-cancerous condition in gastric non-cancerous mucosa.

We are submitting our manuscript entitled “The influence of polymorphisms of IL17A on the aberrant methylations of DAPK and CDH1 in non-cancerous gastric mucosa” for your kind consideration of its suitability for publication in BMC Med Genet.

Sincerely yours,

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Competing interests
None declared

Authors' contributions
TA analyzed the data, wrote the paper and was responsible for the conception of the study and designed the study. TT participated in the design of the study. HS, together with YM, TM, KM, NH, AF, KO, MN, MT and TS obtained the samples and the data.

All authors approved of the final manuscript prior to submission.