

TXNRD2 (rs35934224) CT genotype and primary open-angle glaucoma: correspondence

Genótipo CT do *TXNRD2* (rs35934224) e glaucoma primário de ângulo aberto: correspondência

Pathum Sookaromdee¹ , Viroj Wiwanitkit²

1. Private Academic Consultant, Bangkok Thailand.

2. Honorary professor, Dr DY Patil University, Pune, India.

Dear Editor,

We would like to share ideas on “TXNRD2 (rs35934224) CT genotype as possible protective marker for primary open-angle glaucoma in a Brazilian population⁽¹⁾.” Tenório et al. concluded that “*Our data suggest an association between TXNRD2 gene polymorphism (rs35934224) with primary open-angle glaucoma in an admixed Brazilian population⁽¹⁾*.” We agree TXNRD2 (rs35934224) CT genotype might be associated with primary open-angle glaucoma. The present report can give good data on genetic underlying background of glaucoma. In this study, Tenório et al. focused only a polymorphism.

Environmental confounding factors might be well controlled but there is a chance of effects of other genetic polymorphisms which are reported for association with primary open-angle glaucoma might still exist. Examples of those genetic polymorphisms are CDKN2B-AS1, GSTO1, GSTO2, GSTP1, GPX1OPA1, MFN1, and MFN2 polymorphisms⁽²⁻⁴⁾. Further studies on effects of other polymorphisms are very interesting.

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Corresponding author: Pathum Sookaromdee.
E-mail: pathumsook@gmail.com

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