Reviewer’s report

Title: TLR9 polymorphism correlates with immune activation, CD4 decline and plasma IP10 levels in HIV patients.

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Reviewer: Rebecca Chukwuanukwu

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Joshi et al assessed the correlation between TLR 9 polymorphisms, immune activation, CD4 T cell decline and inflammatory biomarkers.

The authors have done a commendable job however there are a few issues which should be noted.

There was no mention of the type of drugs used for the HAART. Were all the HIV positive subjects on exactly same drug combinations? If different combinations were used for different individuals, this could be a confounding factor especially with respect to inflammatory markers.

A note should also be made on the HIV disease stage of the study group as different disease stages can affect the studied parameters.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
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