Reviewer’s report

Title: Rapid Development of HIV Elite Control in a Patient with Acute Infection

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Reviewer: Shetty Ravi Dyavar

Reviewer's report:

In this manuscript titled "Rapid Development of HIV Elite Control in a Patient with Acute Infection", Morley et al have demonstrated a case report of a woman, who got infected with HIV-1 subtype C virus with the viral loads of 71550 copies and then controlled viral infection to become an elite controller possibly due to control of infection with CD8 T cell responses. This is an important study of the an elite controller and the third elite controller report with longitudinal data. However, I have the following comments to improve the quality of work.

Major Comments:
1) The case report indicates that the HIV-1 infected woman did not have any integrated proviral DNA copies in PBMCs. This is an interesting but surprising result. Did the authors used an ultrasensitive proiviral DNA assays such as gag ddPCR assays that detect as low as single copy. If authors have not performed sensitive ddPCR assays, it may be important to check the proviral DNAs as an evidence of reservoir using ddPCR assays.

Minor Comments:
1) In Figure 1F, authors have showed that Post ART, CCR5 expression on CD4 T cells was reduced. Authors should comment on expression of CCR5 from the initial stage of viral infection and its further contribution to control of viral infection in discussion part of the manuscript.

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?
If not, please specify which controls are required in your comments to the authors.

Yes
Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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