

# Review of: "Lymphoma: Potential Viral Antagonism between HTLV-1 and JCV Associated with Increased Survival Time"

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**Potential competing interests:** No potential competing interests to declare.

Dear Ante,

I evaluated the review, and I would like to suggest some changes to improve it.

In general, I believe you could detail each section to clarify to the reader your hypothesis, as listed below:

## 1. Introduction

Explain the similarities between HIV and HTLV-1 and which HTLV-1 enzymes are inhibited by HIV inhibitors. Insert information about the polyomaviruses, as this is one of the main subjects of the review.

## 1. Main content

Insert a table comparing the prevalence of HTLV-1 and JCV in lymphoma patients and controls, and detail the cohort selection of the studies. Explain a little bit more about the similarities between JCV and HTLV-1.

## 1. Discussion

It is missing the references along the discussion.

The aspects of host genetics are also important from the entry of viruses into cells until the immune response. I suggest you analyze this topic in the papers doi: [10.1128/mBio.00745-20](https://doi.org/10.1128/mBio.00745-20) and doi: [10.3389/fimmu.2014.00353](https://doi.org/10.3389/fimmu.2014.00353)