

# 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.

1. In the introduction, ensure that the virus name is correctly chosen in accordance with the ICTV (International Committee on Taxonomy of Viruses), correcting any errors such as the mention of lymphoma.
2. Provide the full name of the HIV virus, followed by its abbreviation in parentheses. Specify whether you are referring to HIV-1 or HIV-2.
3. Begin the introduction with an overview of the importance of the HTLV-1 virus. Provide information about the virus itself, related diseases, associated treatments, and its significance in the context of cancer. Utilize information from the following article for discussions on the virus's importance and associated cancers: <https://doi.org/10.1007/s12032-023-02177-5>. Additionally, incorporate information on common treatments for the virus from this article.
4. Provide an epidemiological report on the global status of the virus. Focus particularly on HTLV, as it is the main topic of your article. Reference the following article for prevalence information alongside reports from different countries: <https://doi.org/10.1007/s11262-024-02051-0>.
5. In the section discussing a study on HTLV-1 prevalence in non-Hodgkin's lymphoma patients, found in the main content, create a table displaying prevalence reports worldwide, categorized by country and year.
6. Exclude the discussion section. Your article is a review, so omit both the discussion and conclusion.
7. Clarify and elaborate on the information about the antagonist role. Dedicate a separate section to thoroughly explain this aspect, including the molecular mechanisms involved.
8. In the section regarding the comparative analysis of JCV and HTLV1 proteins using BLAST, include a figure to illustrate the short peptide alignments, emphasizing potential similarities. Clearly depict the alignments within the figure.