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# FUTURE WORK

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Using the data and conclusions from this paragraph, the following extensions could be taken:

**Tracking specific genes and protein sequences.** When more data becomes available for HIV-2 and SIV, the production of trees with more specific DNA sequences could help provide stronger backing for theories.

**Focusing on different regions and tracking spread from Africa to those regions.** Population centers such as India and China are beginning to have more and more AIDS cases, and tracking HIV to those areas can help prevent future spread of the virus.

**More data and more powerful programs to produce even more accurate trees.** The trees produced were limited by sheer computing ability, as too many sequences would take an incredibly long time; more data and more powerful programs could help increase the integrity of the trees.