**Future Applications**

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

1. 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

1. 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

1. 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