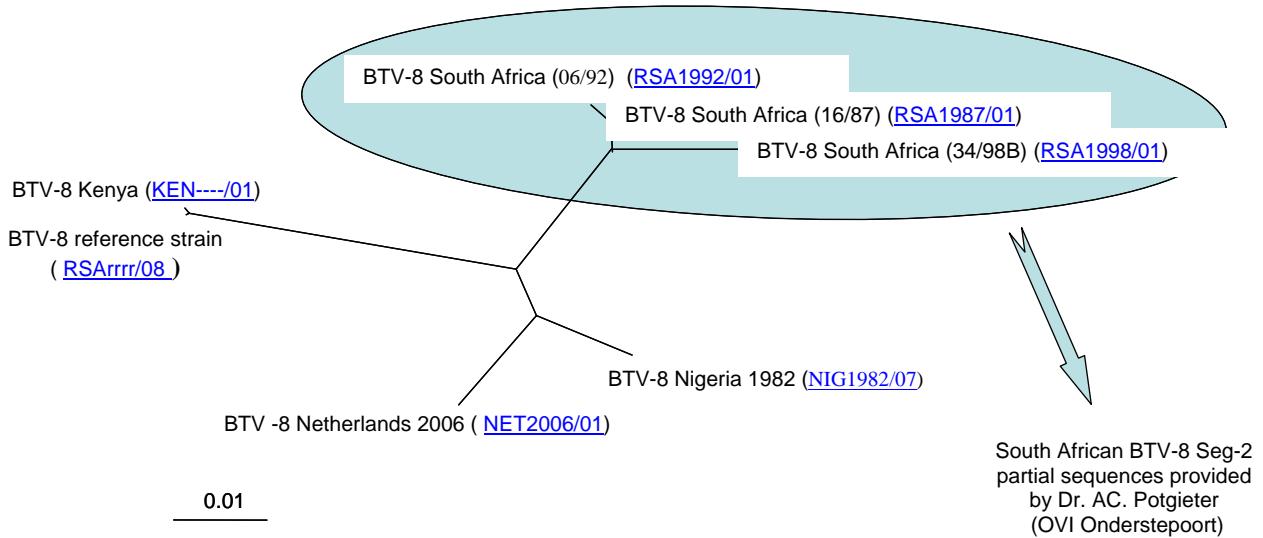


## Comparisons of Segment 2 nucleotide sequences for the available strains of BTV-8

Prepared by Peter Mertens and Sushila Maan (IAH), using data provided by Christiaan Potgieter (OVI)



**NJ tree showing comparisons of nucleotide sequences of Seg-2 from the BTV-8 types.**

**\* Partial sequences; others are full length. Hyper links are included for each isolate (in blue)**

% identity	BTV-8Nigeria	BTV-8NT (6)	<a href="#">34-98</a>	<a href="#">Jun-92</a>	<a href="#">16-87</a>	BTV-8S.Africa-ref	BTV-8-Kenya
BTV-8Nigeria	100	97	94.4	94.7	94.8	94.7	94.6
BTV-8NT (6)	97	100	94.1	94.7	94.4	93.4	93.3
<a href="#">34-98</a>	94.4	94.1	100	97.8	98	92.4	92.4
<a href="#">Jun-92</a>	94.7	94.7	97.8	100	99.6	93.2	93.2
<a href="#">16-87</a>	94.8	94.4	98	99.6	100	93.6	93.6
BTV-8S.Africa-ref	94.7	93.4	92.4	93.2	93.6	100	99.9
BTV-8-Kenya	94.6	93.3	92.4	93.2	93.6	99.9	100

Sequences shown in blue are BTV-8 segment 2 partial sequence data (~nt 2100-2900) from C. Potgieter (S.Africa).