

Figure 1 : Map of Nigeria showing the six geopolitical zones and indicating the states (checked) from where samples analyzed in this study were collected.

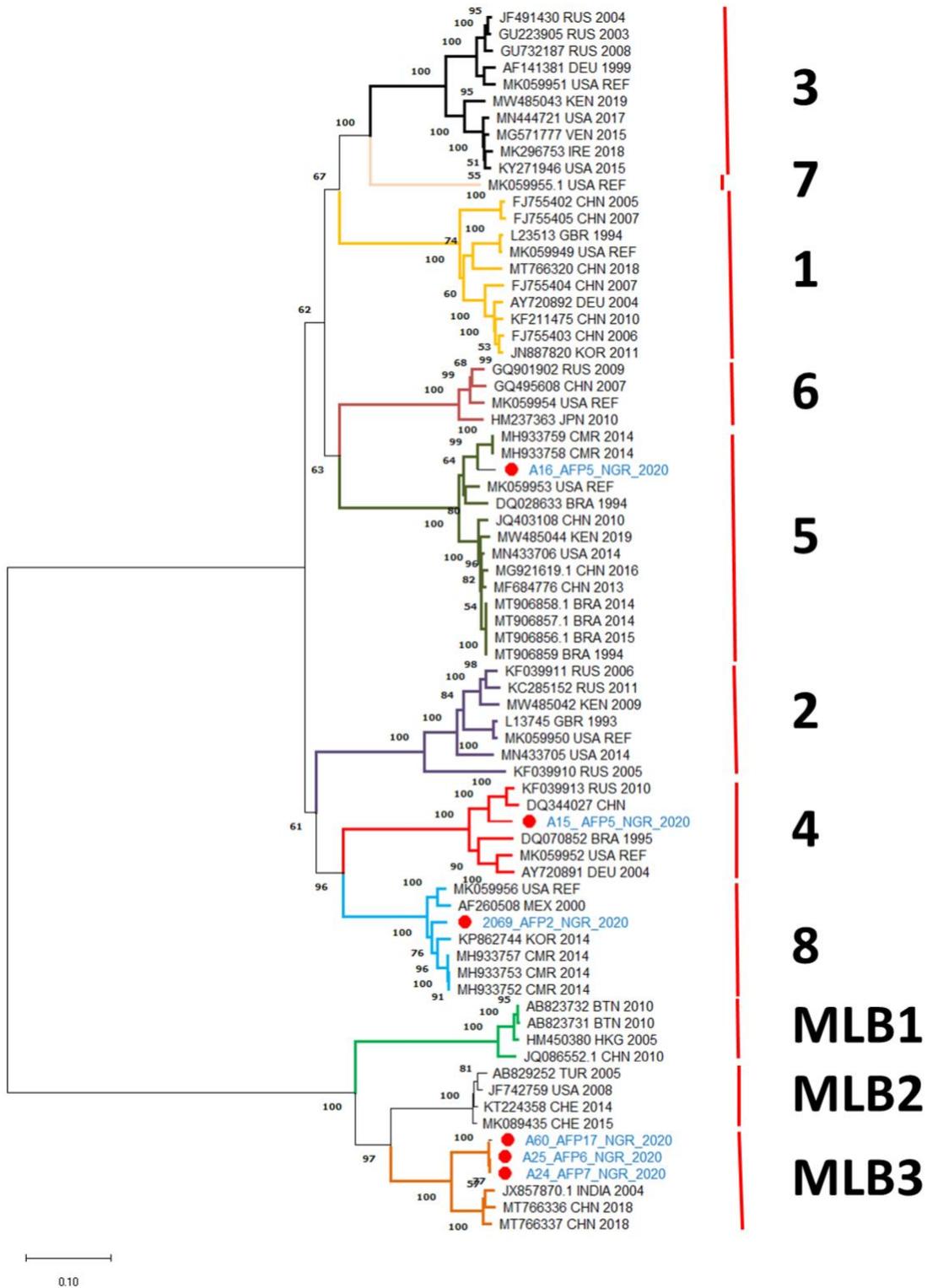


Figure 2: Phylogenetic tree of ORF2. HAstV contigs detected in this study are indicated with red circles and blue taxa labels. Bootstrap supports are shown if >50%. Bootstrap supports are shown if >50%.

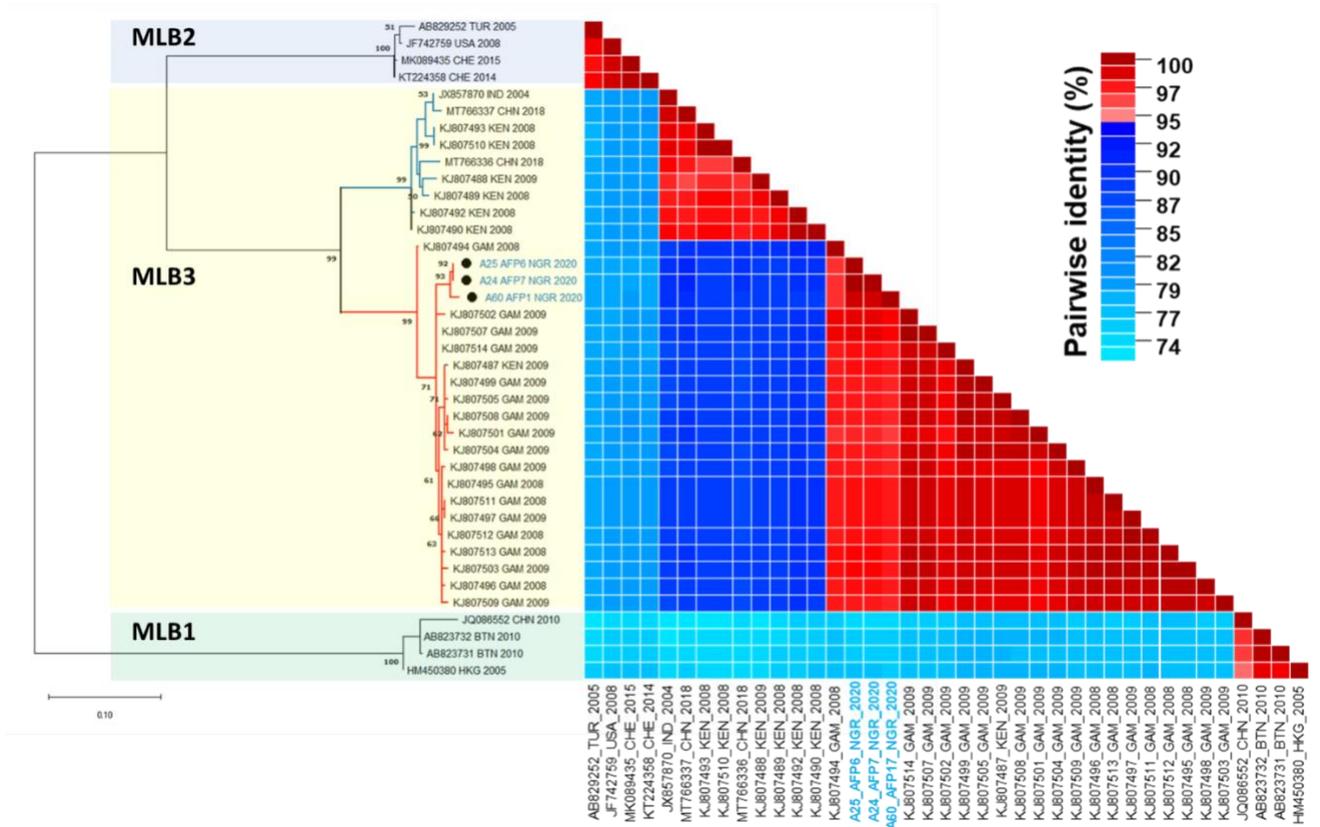


Figure 3: Partial ORF1b phylogeny and pairwise identity analysis of MLB-3 contigs detected in this study alongside others from sub-Saharan Africa. MLB-3 contigs detected in this study are indicated with blue IDs. The right side of the image shows pairwise identity as indicated.

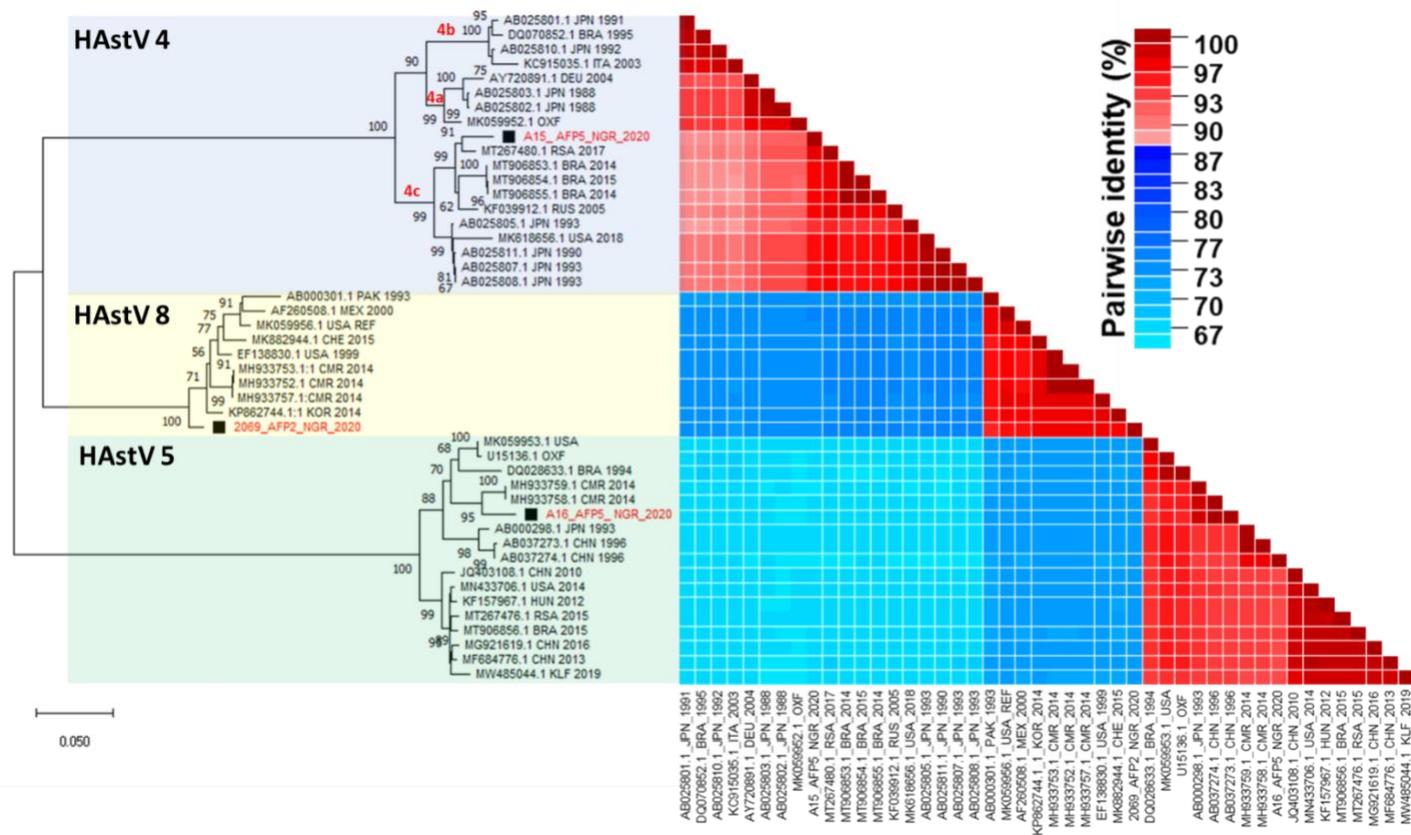


Figure 4: Sub-lineage classification of the three classical HASTV types detected in this study. HASTV contigs detected in this study are indicated with black squares.

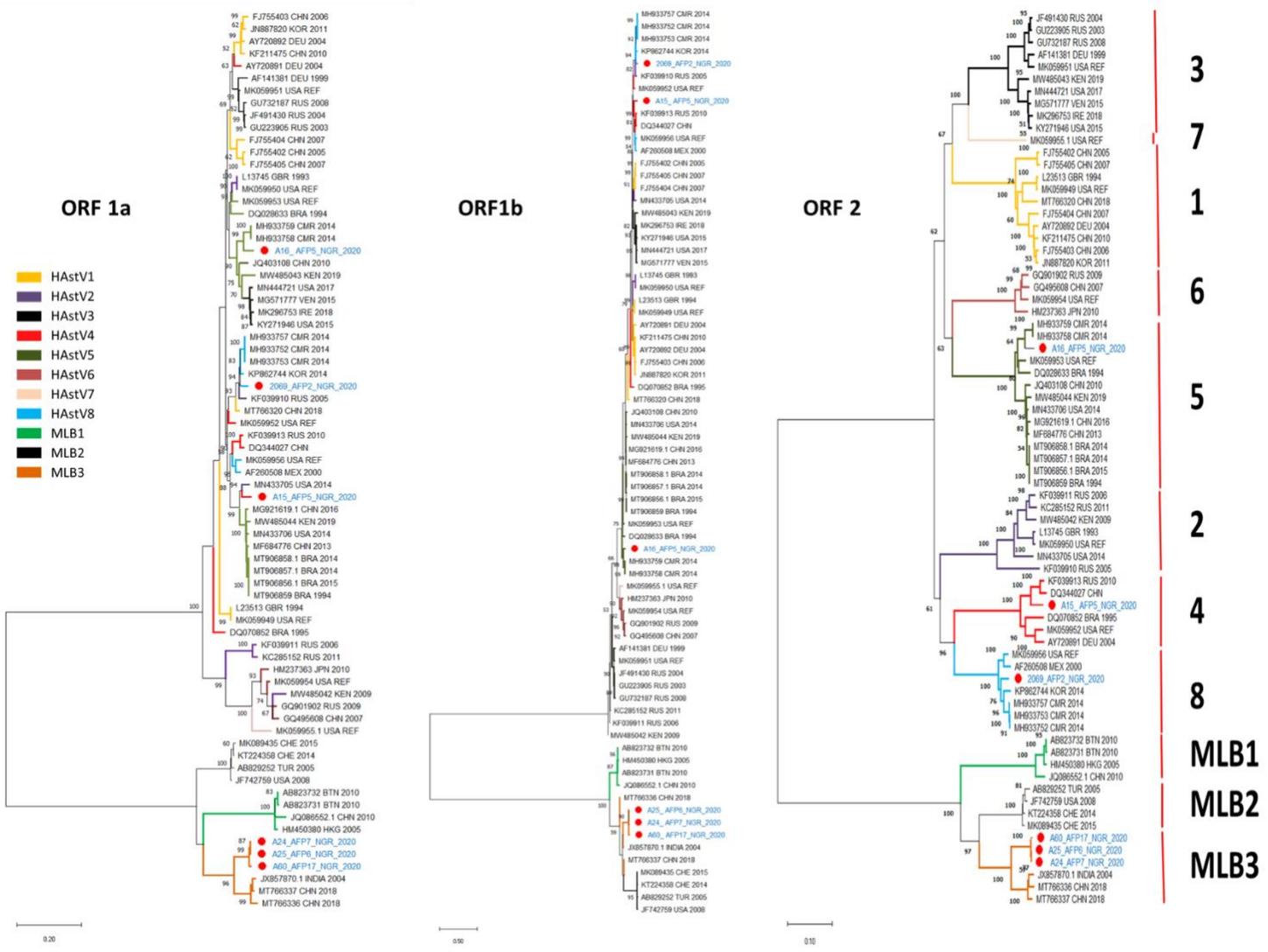


Figure 6: Phylogenetic trees of the three major ORFs in AstV genomes. The sequences described in this study are highlighted in red circles. Classification is based on ORF2 and is color-coded. Trees are arranged in accordance with the organization of the genome