



**Supplemental Fig S1.** VNI is comprised of three recombining sub-clades. A) Phylogenetic analysis divides VNI into three major sub-clades, the global VNia and VNib, and the southeast African VNic; B) STRUCTURE and PCA analysis show largely distinct sub-populations with a small degree of mixing; C) Linkage decays more rapidly in the combined VNI dataset than any individual sub-clade, suggesting the sub-clades are currently recombining with each other and do not represent reproductively isolated populations.