



Supplementary Figure S6. Unrooted phylogenetic tree with support coloring.

The phylogenetic tree from **Figure 3** is shown in unrooted form with support values colored in a range from blue (1) to yellow (0). Sequences are colored according to clade: IIIb (dark purple), II (red), IV (pink), Vb (light green), Va (dark green), IIIa (light purple), Ia (light blue), Ib (dark blue). Sequences with known function are starred; BOS has a yellow background and is marked by a red arrow.