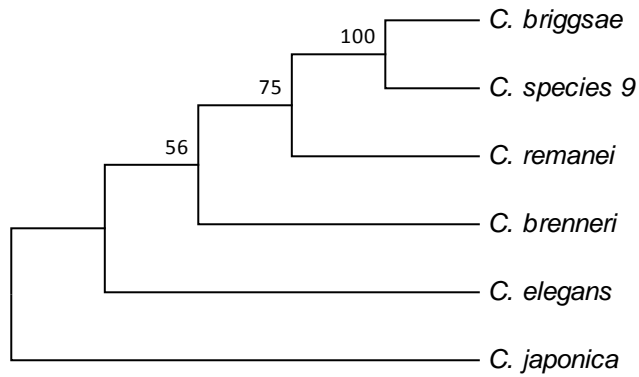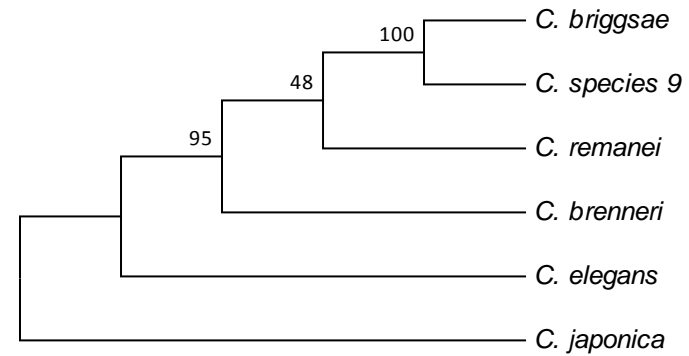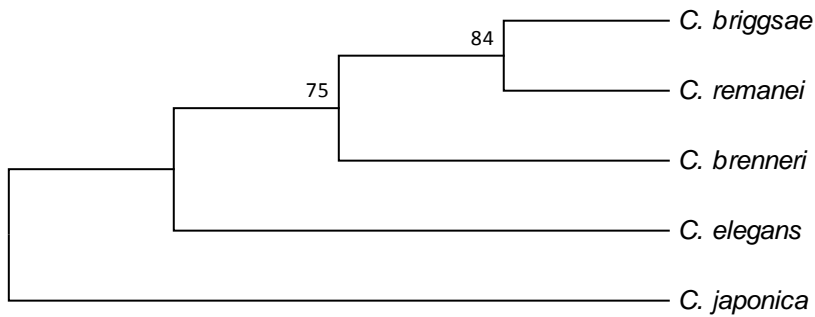# CENH3^{HCP3} nucleotide based tree
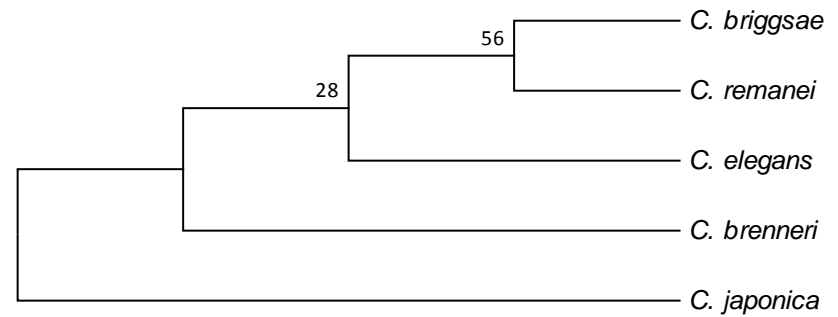

CENH3^{HCP3} amino acid based tree

CENP-C^{HCP4} nucleotide based tree

CENP-C^{HCP4} amino acid based tree

Supplementary File 3: Topologies of CENH3^{HCP3} and CENP-C^{HCP4} sequences inferred from nucleotide and amino acid alignments. The numbers above branches indicate bootstrap values.