



**Supplementary Fig. 4** Phylogenetic analyses of full-length CeMVs. **a** Bayesian reconstruction of full-length CeMVs. Ages are presented at nodes, posterior values in parenthesis. **b** Maximum-likelihood reconstruction of full-length CeMVs. Bootstrap values are presented at nodes. Taxon names are presented as virus\_host\_country/year of collection\_variant. GenBank accession number in parentheses: Bph (MH430938), 156 (MH430937), DK/2016 (MH430939), 16A (MH430934), muc (MH430935), DE/2007 (MH430940), 11.2 (MH430941), 2990 (MH430945), 53 (MH430943), Ulster/88 (MH430942). Abbreviations: Bp, *Balaenoptera physalus*; Sc, *Stenella coeruleoalba*; Tt, *Tursiops truncatus*; SI, *Stenella longirostris*; La, *Lagenorhynchus albirostris*; Pp, *Phocoena phocoena*; DMV, dolphin morbillivirus; PMV, porpoise morbillivirus; ES, Spain; IT, Italy; US, United States of America; DK, Denmark; DE, Germany; NL, the Netherlands; IR, Northern Ireland, U.K.