



Supplementary Figure 1. Neighbor-joining phylogenetic tree based on DNA sequences encoding 4b core protein of avipoxviruses. Avipoxvirus (APV) clades A to C and subclades are labeled according to the nomenclature of Gyuranecz *et al.* [3]. The sequences obtained from Japanese cormorants in this study are indicated in italicized underlined bold face. Both sequences are clustered in subclade A3 of both trees, which represents APVs of marine birds [3]. All other sequences are indicated as accession number/host species/country/year/clade and subclade number. The bootstrap probabilities, as determined for 1,000 resampling, larger than 900 are given.

