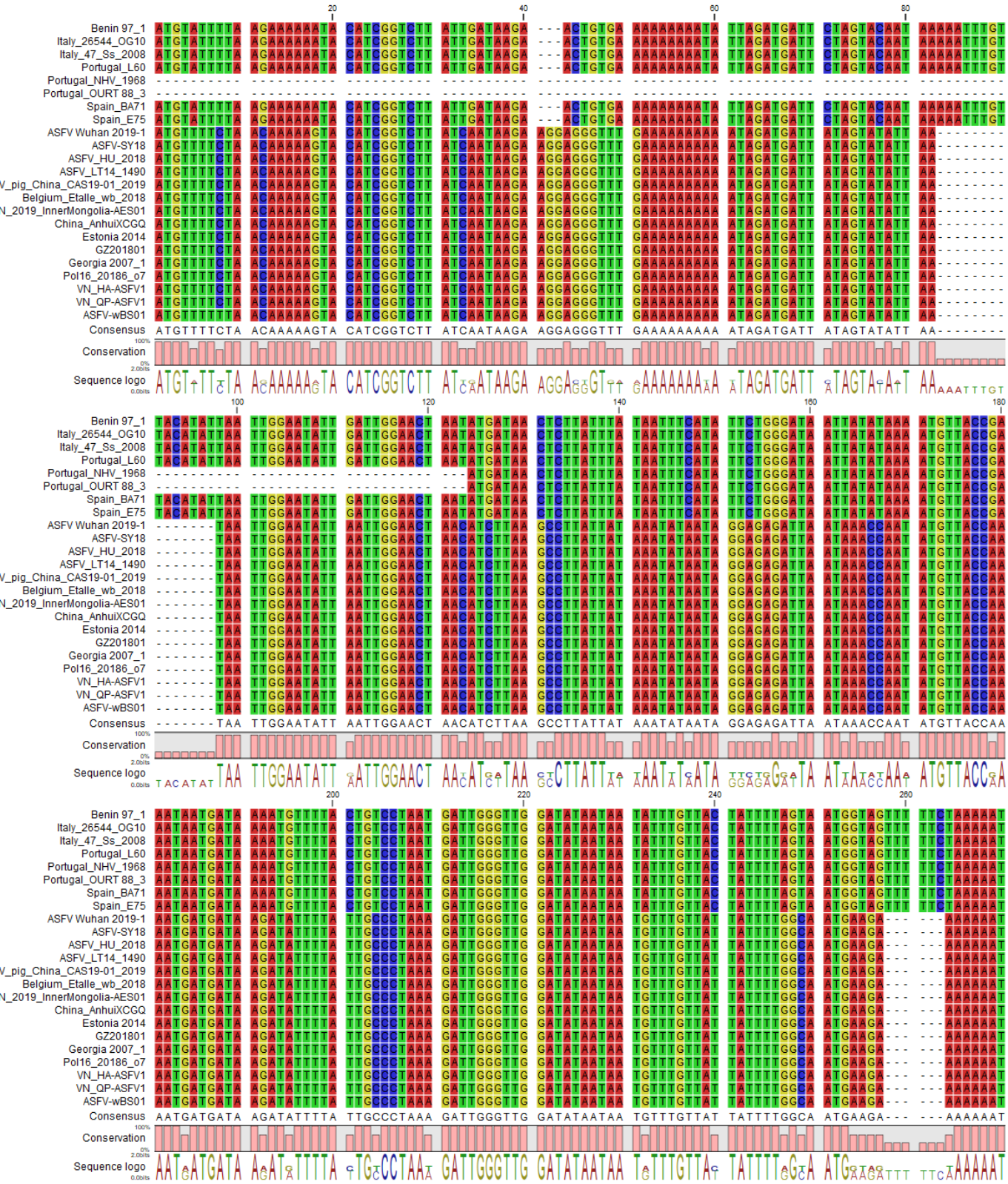
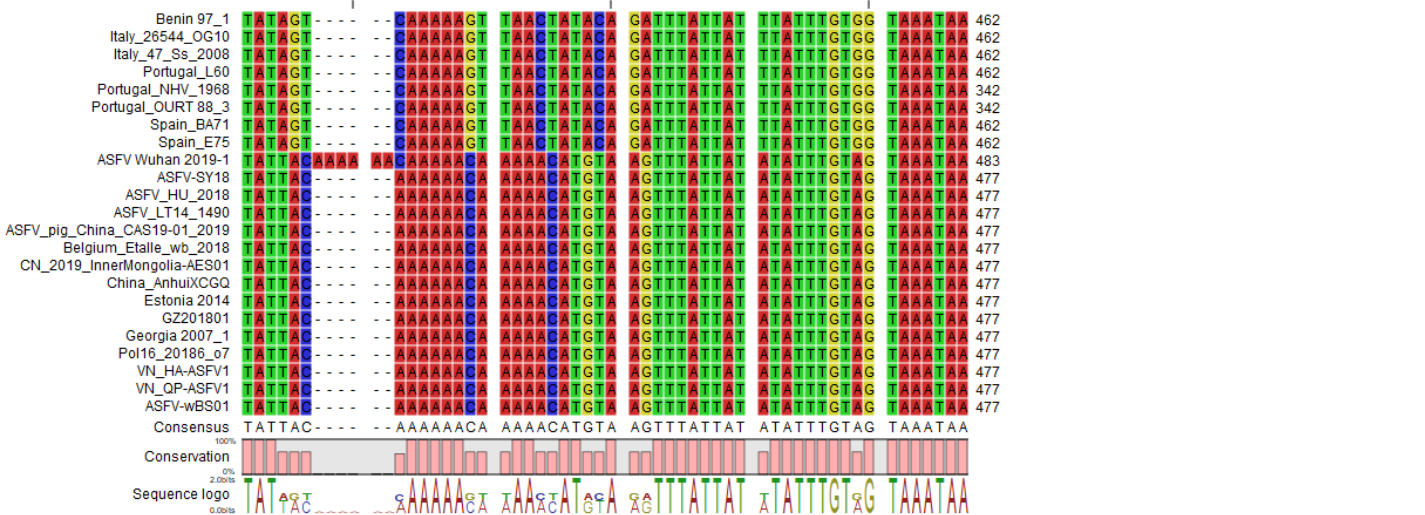
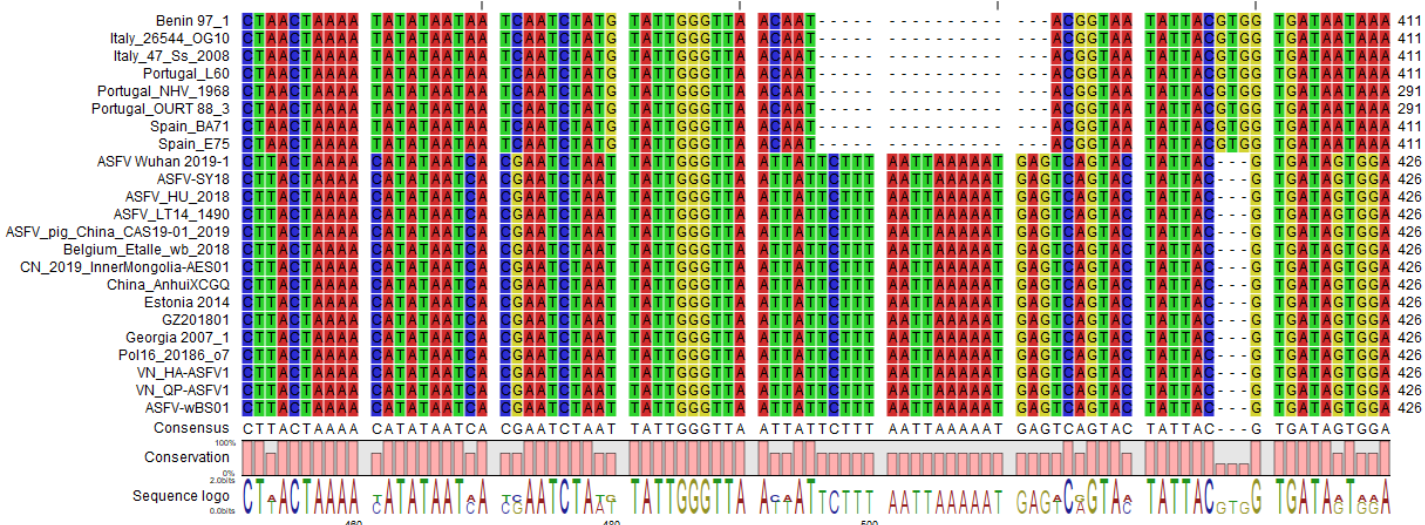
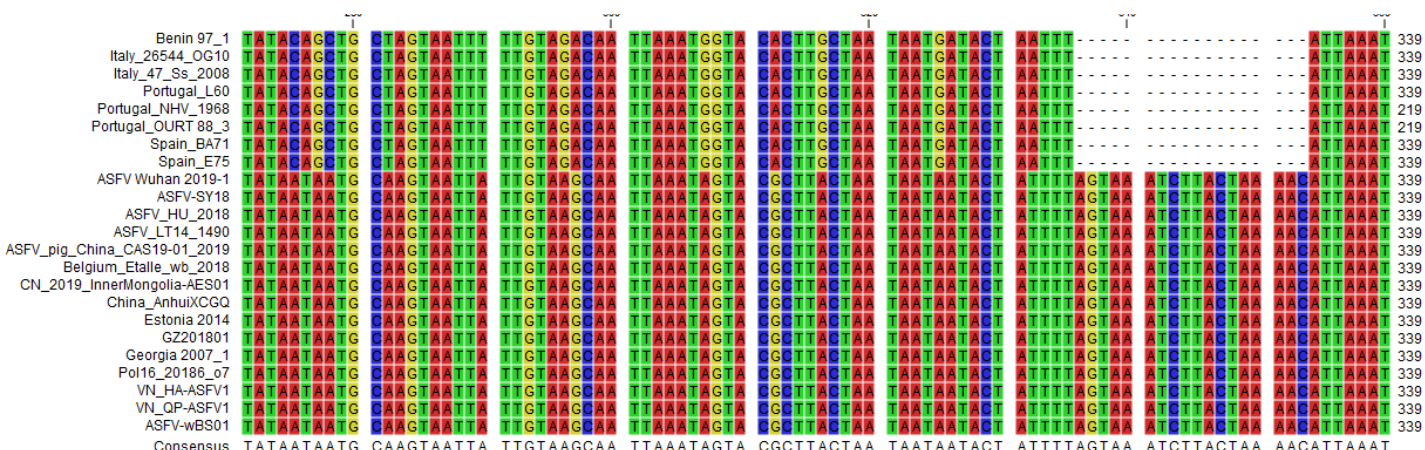


Figure S1. Sequence alignment of open reading frames(ORFs) compared between VN/HY/2019-ASFV1(represented by VN\_HA-ASFV1) and VN/QP/2019-ASFV1(represented by VN\_QP-ASFV1 with other ASFV strains.

(a) Sequence Alignment of EP153R nucleotides



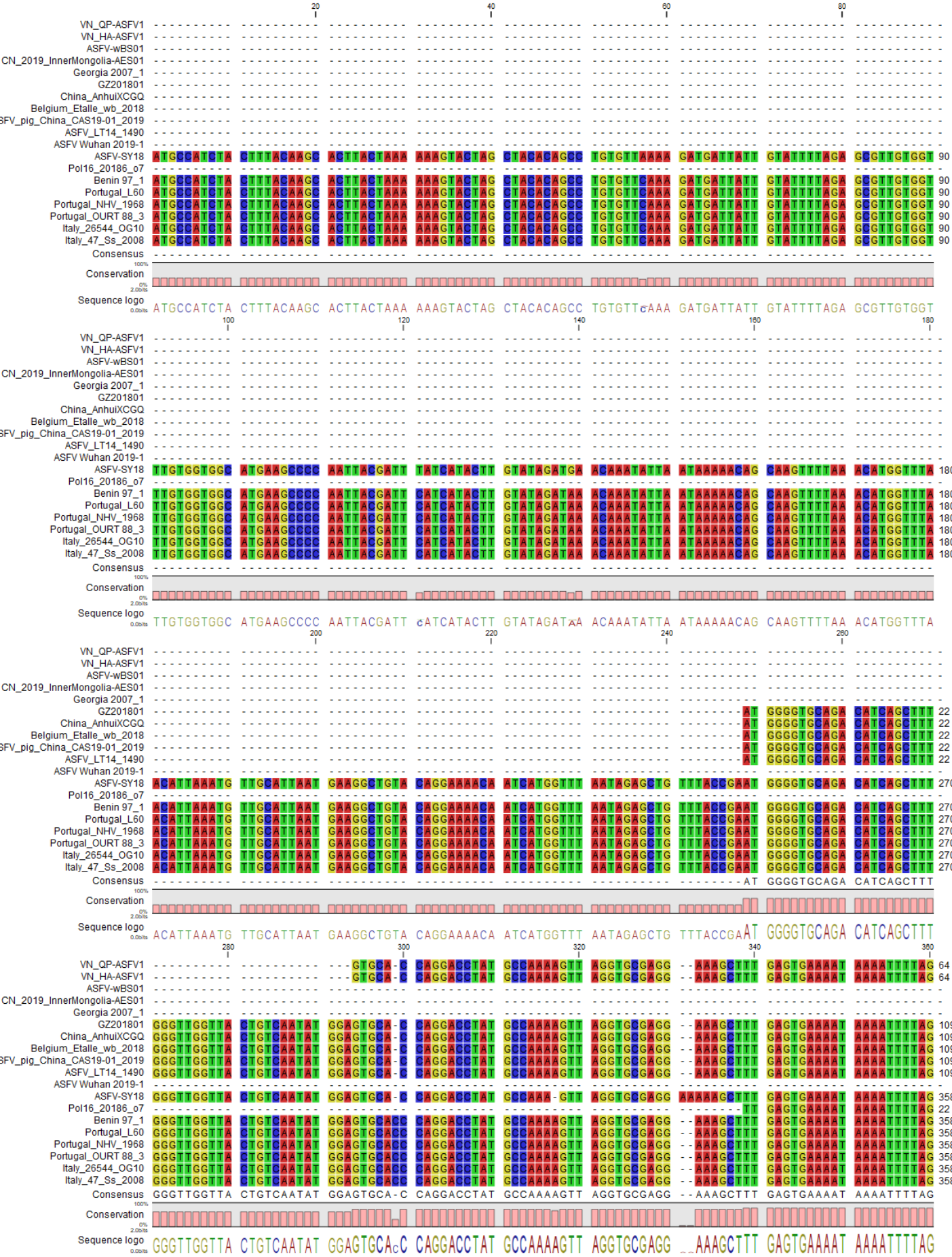




(b) Sequence Alignment of EP153R proteins

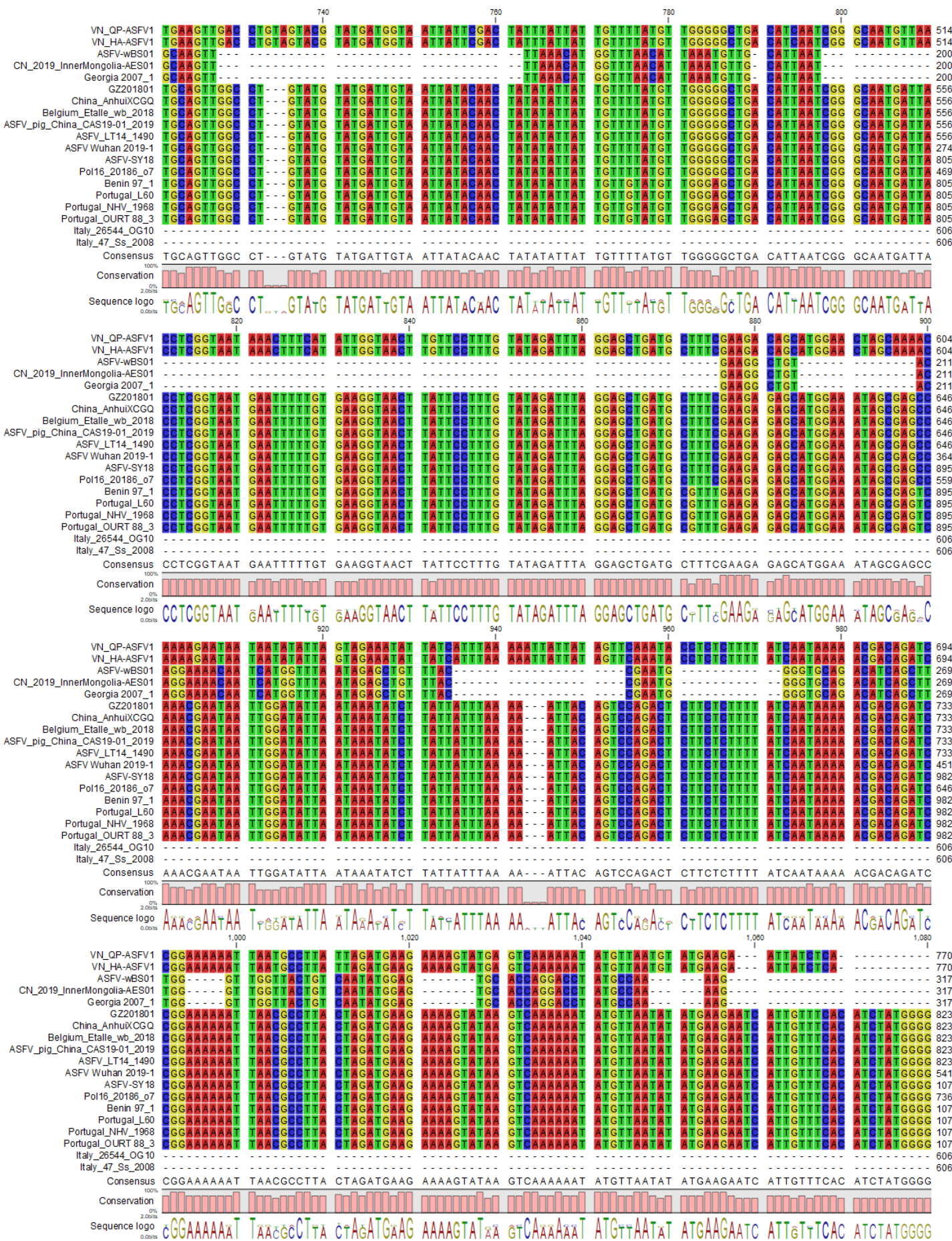


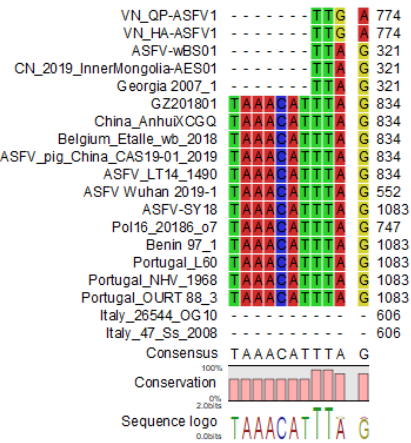
(c) Sequence Alignment of MGF360-1L nucleotides







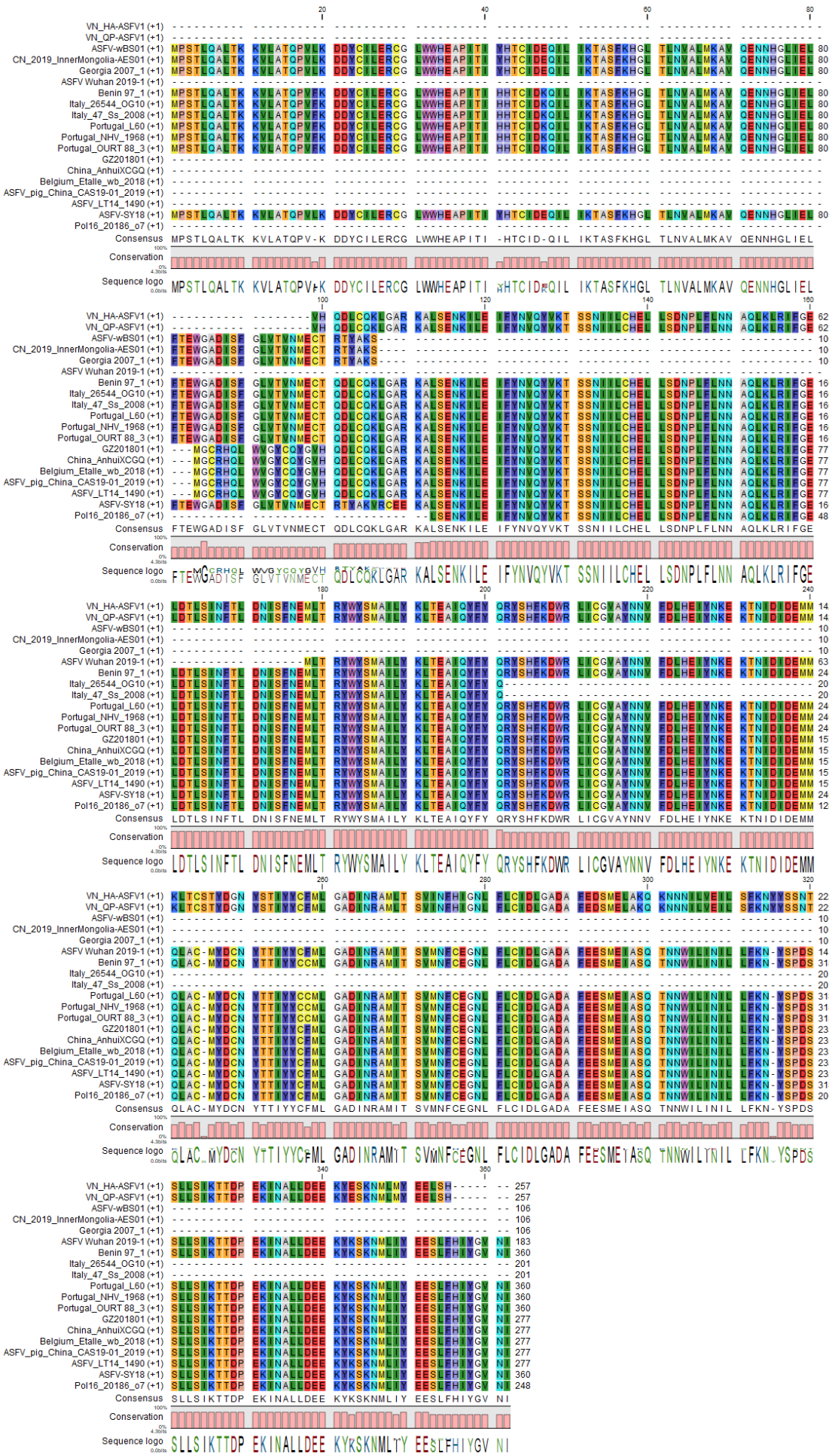




0.0016

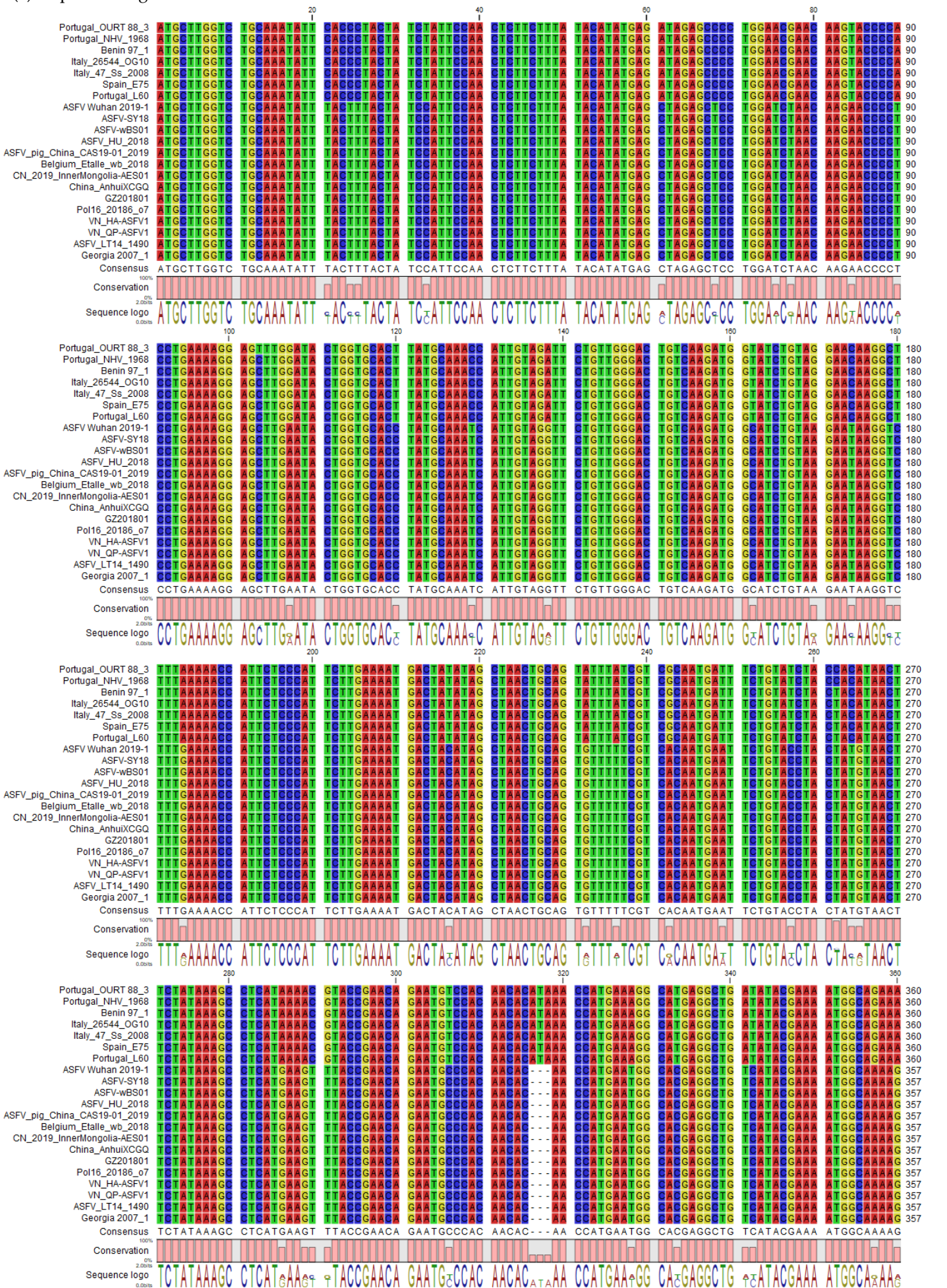


(d) Sequence Alignment of MGF360-1L proteins





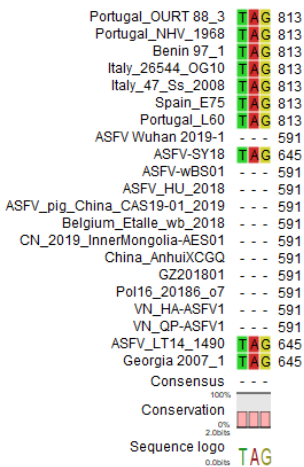
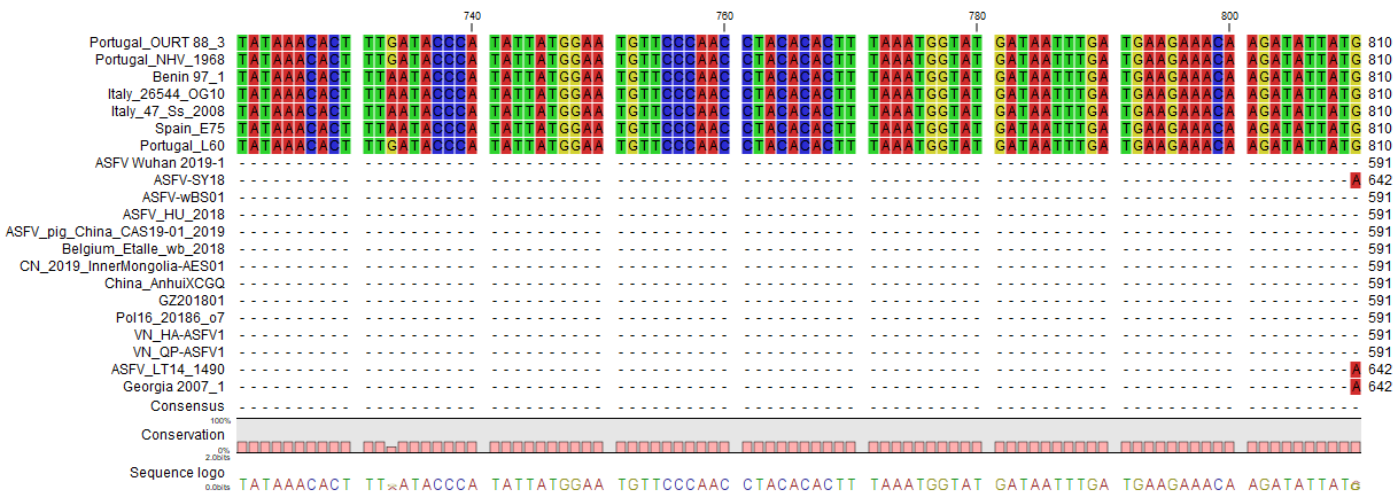
(e) Sequence Alignment of MGF110-1L nucleotides











(f) Sequence Alignment of MGF110-1L proteins

