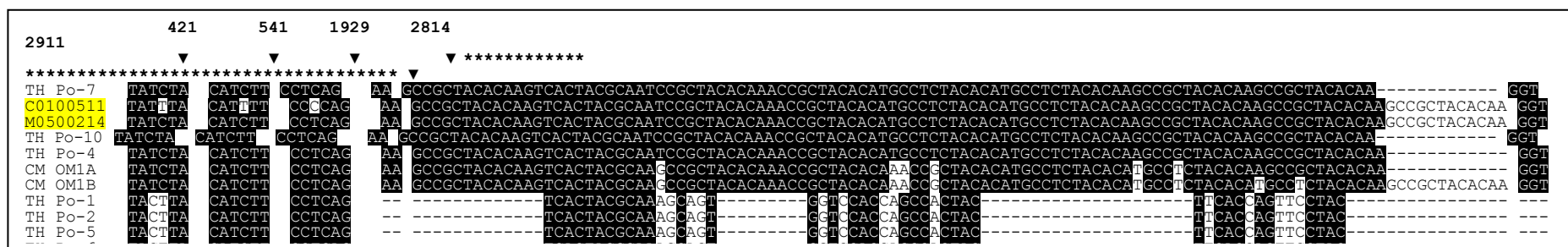


Additional file 6. Alignment of PoMSP1 sequences.

(A) Nucleotide substitutions and the 12-nucleotide repeat region of *PoMSP-1* (numbering based on the sequence of the *PoMSP-1* from the Thai isolate Po-7). *GenBank accession numbers: KX672045 (C0100511), KX672044 (M0500214); Cameroon (CM) isolates: FJ824670 and FJ824671; Thailand (TH) isolates: KC137340-KC137341, KC137343-KC137346 and KC137349.

A.



(B) Amino acid polymorphisms in the variable domains of PoMSP-1. Protein sequence numbering was based on the sequence of the PoMSP-1 from the Thai isolate Po-7. *GenBank accession numbers: KX672045 (C0100511), KX672044 (M0500214); Cameroon (CM) isolates: FJ824670 and FJ824671; Thailand (TH) isolates: KC137340-KC137341, KC137343-KC137346 and KC137349.

B.

