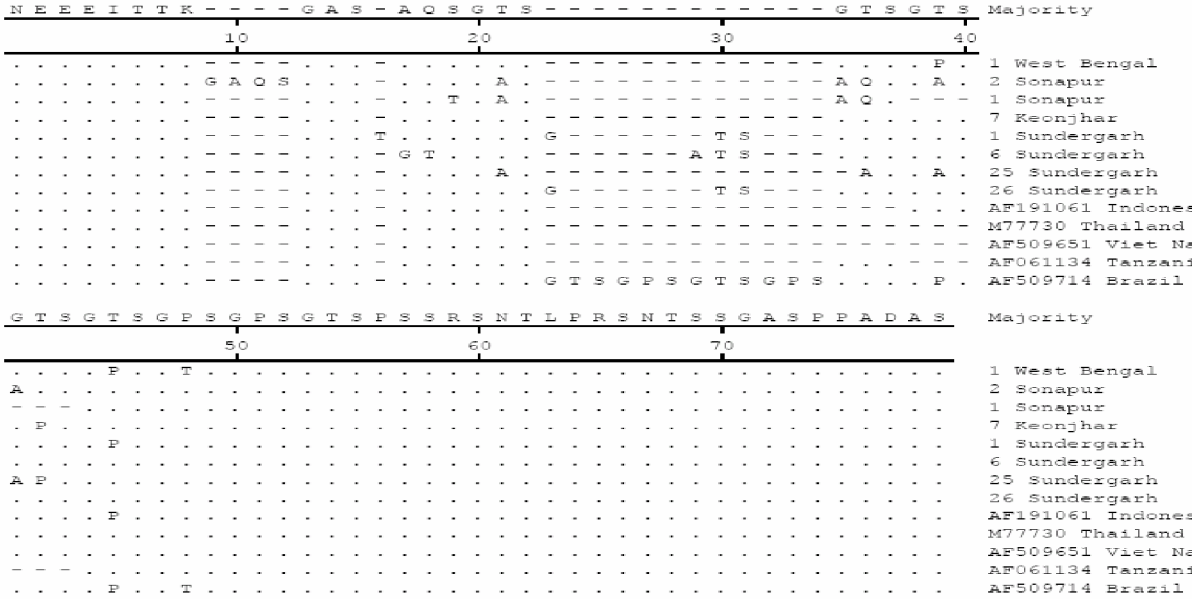
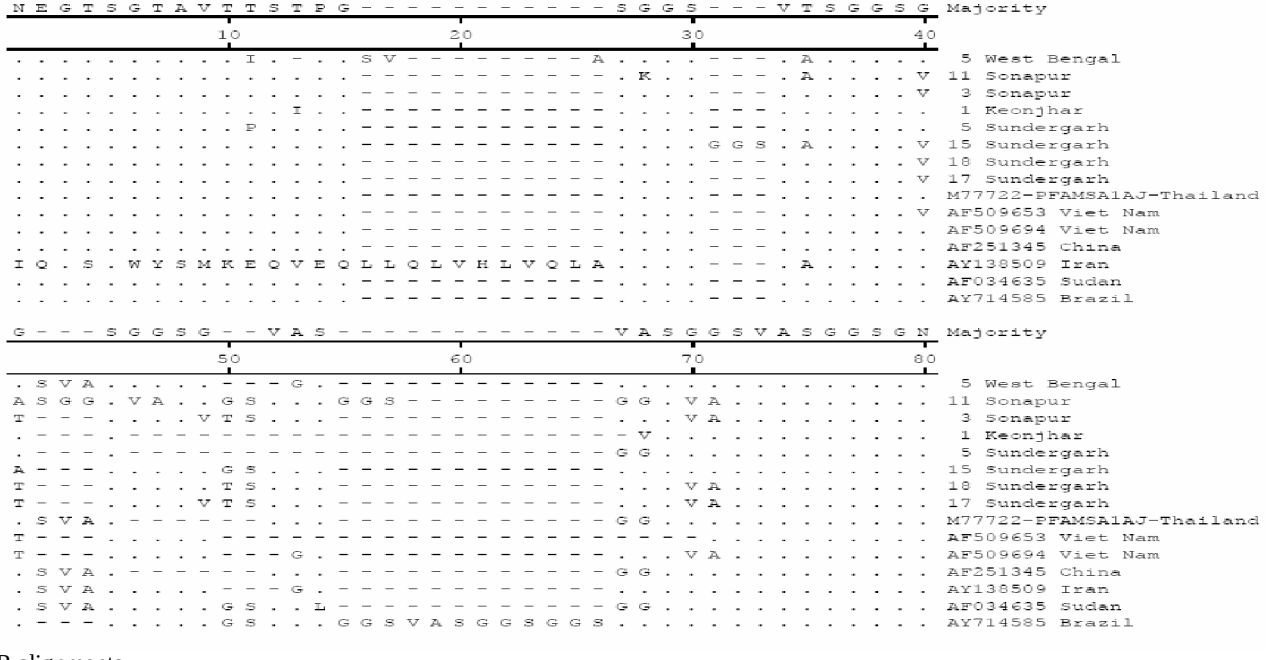
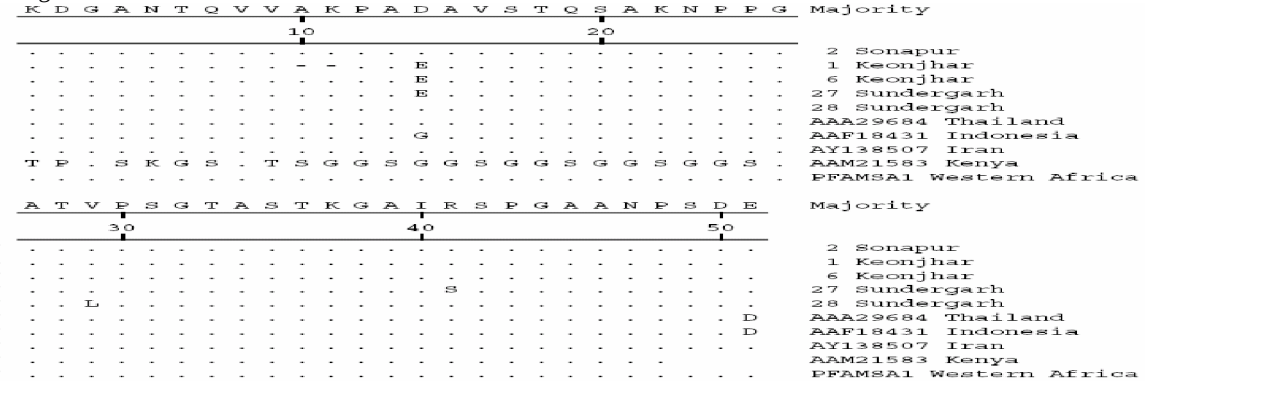
a) K alignments



b) M alignments



c) R alignments