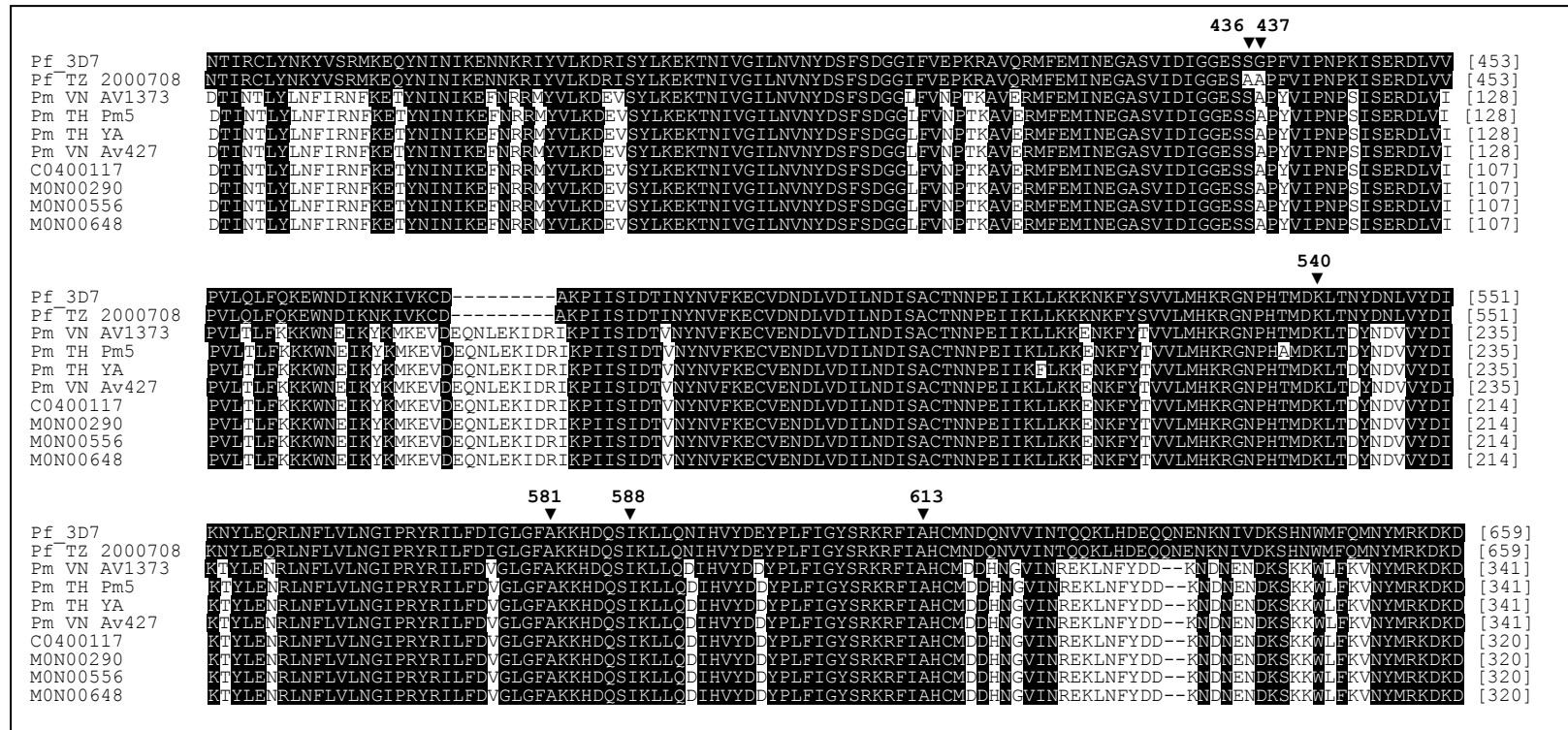


**Additional file 8. Sequence alignment of PmDHPs from the China-Myanmar border area and other regions**



\* **GenBank accession numbers:** Isolates of China-Myanmar border: KX672040 (M0N00648), KX672041 (M0N00556), KX672042 (C0400117), KX672043 (M0N00290);

Pf: XM\_001349382 and KI926388 (Tanzania, TZ 2000708); Thailand (TH) isolates: KJ400022 (haplotype 3) and KJ400024 (haplotype 2). Viet Nam (VN) isolates:

KJ400023 (haplotype 4) and KJ400025 (haplotype 1).

Note that Pf 3D7 carries the mutant type A437G.