

Additional file 5. Sequence identity between the *PoMSP-1* sequences

A. Nucleotide identity

| | Identities (%) | | | |
|----------|-------------------|-----------------|-----------------------------------|--|
| | Cameroon isolates | | Thailand isolates | |
| | OM1A 5256 bp | OM1B 5159 bp | <i>P. ovale curtisi</i> 5181bp | <i>P. ovale wallikeri</i> 5016-5043bp |
| C0100511 | 98.42 | 99.22 | 99.65-99.94 | 91.00-91.17 |
| M0500214 | 98.48 | 99.28 | 99.71-100 | 91.02-91.19 |

B. Amino acid identity

| | Identities % | | | |
|----------|-------------------|----------------|-----------------------------------|--|
| | Cameroon isolates | | Thailand isolates | |
| | OM1A 1730aa | OM1B 1718aa | <i>P. ovale curtisi</i> 1727aa | <i>P. ovale wallikeri</i> 1672-1681aa |
| C0100511 | 96.71 | 98.18 | 99.30-99.94 | 86.02-86.37 |
| M0500214 | 96.77 | 98..24 | 99.36-100 | 86.08-86.43 |