214 **Table 1**. Summary of biochemical properties of the *P. falciparum* cyclophilins and cyclophilin-like proteins.
215

Recombinant protein	Inhibition of aggregation			PPIase activity (peptide)[a]			PPIase activity (RNase T1)[c]	CsA binding (thermal melt assay)[d]
	Citrate synthase	Rhodanese	CsA inhibition (Rhodanese)	k (s^{-1}) ±SEM[b]	k_{cat}/K_M ($s^{-1}M^{-1}$)	CsA-IC_{50} (nM) ±SEM		
PfCYP19C	–	+++	No	< 0.005	NA	NA	–	No
PfCYP19A	+++	++	No	0.104 ± 0.018	6.3 x 10^6	10 ± 4.5	≥10 nM	Yes
PfCYP19B	+++	++	No	0.0670 ± 0.012	5.7 x 10^6	15 ± 3.4	≥100 nM	Yes
PfCYP23	–	+++	No	< 0.005	NA	NA	–	No
PfCYP25	+++	+	No	< 0.005	NA	NA	–	No
PfCYP26	++	++	No	< 0.005	NA	NA	–	No
PfCYP32CLD	++	++	No	< 0.005	NA	NA	ND	ND
PfCYP52CLD	+	+	No	< 0.005	NA	NA	–	No

216
217 [a] Data are from ≥3 replicates. k, net first-order rate constant for CYP-catalysed isomerisation; k_{cat}/K_M, catalytic efficiency; IC_{50}, 50% inhibitory
218 concentration; SEM, standard error of the mean.
219 [b] The concentration of protein used was 1 μM except for PfCYP19A and PfCYP19B (10 nM).
220 [c] The minimum concentration showing clear refolding activity is given.
221 [d] CsA binding as determined by thermal melt assay using 25 μM CsA [13].
222 –, no detectable activity; +, activity equivalent to lowest seen; ++, activity intermediate between lowest and highest; +++, activity equivalent to
223 highest seen; NA, not applicable; ND, not determined.