Supplementary Table 1. Primer sequences and PCR parameters

Target	Primer sequences (5' to 3')	Reaction conditions	Cycling parameters	Ref
Pfldh	For: ACGATTTGGCTGGAGCAGAT Rev: TCTCTATTCCATTCTTTGTCACTCTTTC Probe: FAM-AGTAATAGTAACAGCTGGATTTACCAAGGCCCCA-TAMRA	300 nM primers 250 nM probe Universal Probe Master mix (Roche, Indianapolis, IN) 1 or 4 µL template DNA 25 µL reaction volume	50°C x 2 min; 95°C x 10 min; 40 cycles of 95°C x 15 sec, 60°C x 1 min	10
P. malaria	For: CAACTGCACGTCGTTAGACTTTG Rev: GCTGGTGTTACTGCCTTTGTC	500 nM primers SYBR Green Master mix (Roche) 2 µL template DNA 25 µL reaction volume	50°C x 2 min; 95°C x 10 min; 40 cycles of 95°C x 15 sec, 60°C x 1 min; Melt curve: 60-95C, 1.6°C increments	18
P. ovale	For: GGKCTTGGTGTTCCCTTCA Rev: TGTGRGCATTTCCTAAAACG	500 nM primers SYBR Green Master mix (Roche) 2 µL template DNA 25 µL reaction volume	50°C x 2 min; 95°C x 10 min; 40 cycles of 95°C x 15 sec, 60°C x 1 min; Melt curve: 60-95C, 1.6°C increments	18
P. vivax	For: ACCCGTGACGTCTTCTTC Rev: GGTGCCCTTGCTGTTGTAC	500 nM primers SYBR Green Master mix (Roche) 2 µL template DNA 25 µL reaction volume	50°C x 2 min; 95°C x 10 min; 40 cycles of 95°C x 15 sec, 60°C x 1 min; Melt curve: 60-95C, 1.6°C increments	18
hrp2	For: ATTCCGCATTTAATAATAACTTGTGTAGC Rev: ATGGCGTAGGCAATGTGTGG	400 nM primers HotStarTaq Master mix (Roche) 3 µL template DNA 25 µL reaction volume	95°C x 15 min; 35 cycles of 94°C x 30 sec, 59°C x 30 sec, 72°C x 1 min; 72°C x 10 min	16
TARE-2	For: CTATGTTGCACTTACATGCAYAAT Rev: TGACCTAAGAAGTAVAATAATGATGA	200 nM Primers SYBR Green Master Mix (Roche) 4 µL template DNA 25 µL reaction volume	50°C x 2 min; 95°C x 10 min; 40 cycles of 95°C x 15 sec, 60°C x 1 min; Melt curve: 60-95C, 1.6°C increments	19

Abbreviations: Ref, reference; For, forward; Rev, reverse.

Supplementary Table 2. Risk Factors for Subpatent Malaria

Covariate	Crude OR	95% CI	Adjusted OR*	95% CI	p-value
Age < 5 years	1.57	1.04 – 2.36	1.61	1.09 – 2.38	0.02
Bed net use	1.22	0.73 – 2.03	1.11	0.65 – 1.89	0.70
Anemia	0.94	0.34 – 2.56	0.90	0.33 – 2.45	0.83

* The following covariates were included in the models based on DAGs as follows: 1) for age, by including hemoglobin and malaria treatment within the prior 2 weeks in the model, 2) for bed net use, by including electricity in the home and age in years, and 3) for anemia, by including gender, age in years, and bed net use.