

Supplementary Table S1. Primer lists used to amplify G6PD genes in this study

Exons	Primer name	Sequence	Annealing temperature	G6PD gene variants
Exons 3-4	EX3-4F	TGTCCCAGCCACTTCTAA	65°C	Orissa C131G
	EX3-4R	GGAGAGGAGGAGAGCATCC		
Exon 5	EX5F	CGGGGACACTGACTTCTG	56°C	Vanua Lava T383C Chinese-4 G392T
	EX5R	ACGCTGCCACCTTGTGGT		
Exons 6-7	EX6-7F	CACAAGGCACGGGAGGT	63°C	Mahidol G487A Mediterranean C563T Coimbra C592T
	EX6-7R	GAGGAGCTCCCCAAGATAG		
Exon 9	EX9F	CCTGAGGGCTGCACATCT	63°C	Viangchan G871A Kalyan-Kerala G949A
	EX9R	GTGCGTGAGTGTCTCAGTGG		
Exons 10-12	AF3	TCATCCTGCGCTGCGGCAA	55°C	Union C1360T Canton G1376T Kaiping G1388A
	AR3	GATGAGGTAGCTCCACCCTACC		