

Supplementary Table 1A. SNP analysis

gene codon	pfdhfr					pfmdr1					pfcrt					pfdhps					pfk13	
	16	51	59	108	164	86	184	1034	1042	1246	72	73	74	75	76	431	436	437	540	581	613	189
3d7	A	N	C	S	I	N	Y	S	N	D	C	V	M	N	K	I	S	G	K	A	A	T
Sample 1	A	N	C	S	I	Y	F	S	N	D	C	V	I	E	T	I	S	A	K	A	A	T
Sample 2	A	I	R	N	I	N	F	S	N	D	C	V	I	E	T	I	S	G	K	A	A	N
Sample 3	A	N	C	S	I	N	Y	S	N	D	C	V	M	N	K	I	S	G	K	A	A	T
Sample 4	A	I	R	N	I	N	Y	S	N	D	C	V	I	E	T	I	S	G	K	A	A	T
Sample 5	A	I	R	N	I	N	Y	S	N	D	C	V	M	N	K	I	A	A	K	A	A	T

Supplementary Table 1B. Individual gene-coverage

	pfdhfr	pfmdr1	pfcrt	pfdhps	pfk13
Sample 1	100%	100%	100%	100%	100%
Sample 2	100%	100%	100%	100%	100%
Sample 3	100%	100%	100%	100%	100%
Sample 4	100%	100%	69%	100%	100%
Sample 5	100%	100%	79%	100%	100%