

Additional File 3: Prevalence of Pfdhfr/Pfdhps combined mutations per site (SITE MUTATION/SITE TOTAL*100)

COMBINED DHFR-DHPS MUTATIONS (MUTANT CODONS UNDERLINED)					
ALL SITES			PER SITE		
	COUNTS	%		COUNTS	%
<u>51/59/108/164/436/437/540/581</u> QUADRUPLE	1	0.26	KDH	0	0.0
			KSI	0	0.0
			KCH	0	0.0
			MDH	1	1.2
<u>51/59/108/164/436/437/540/581</u> SEXTUPLE	1	0.26	KDH	1	0.6
			KSI	0	0.0
			KCH	0	0.0
			MDH	0	0.0
<u>51/59/108/164/436/437/540/581</u> QUINTUPLE	2	0.52	KDH	1	0.6
			KSI	1	1.6
			KCH	0	0.0
			MDH	0	0.0
<u>51/59/108/164/436/437/540/581</u> QUADRUPLE	3	0.78	KDH	0	0.0
			KSI	0	0.0
			KCH	0	0.0
			MDH	3	3.7
<u>51/59/108/164/436/437/540/581</u> QUINTUPLE	3	0.78	KDH	3	1.7
			KSI	0	0.0
			KCH	0	0.0
			MDH	0	0.0
<u>51/59/108/164/436/437/540/581</u> QUINTUPLE	6	1.55	KDH	5	2.9
			KSI	1	1.6
			KCH	0	0.0
			MDH	0	0.0
<u>51/59/108/164/436/437/540/581</u> QUADRUPLE	19	4.91	KDH	9	5.1
			KSI	8	12.5
			KCH	0	0.0
			MDH	2	2.5
<u>51/59/108/164/436/437/540/581</u> QUINTUPLE	293	75.71	KDH	141	80.6
			KSI	48	75.0
			KCH	60	89.6
			MDH	44	54.3