

**Additional file 7: Table S3.** Additional genotype (%) and allele frequencies for extra diagnostic SNPs.

Strain	Genotype (%)			Allele frequency	Date of last screening
<b>2LA Inversion</b>	2L+a (wild type)	2La/2L+a (hetero)	2La (inversion)		
Kisumu	48	35	17	0.6	Apr 2013
Tiassalé 13	45	11	44	0.7	Mar 2013
Moz	100	0	0	0	Jul 2013
<b>GSTe2 114</b>	II (wild type)	IT (hetero)	TT (mutant)		
Kisumu	15	64	21	0.5	Apr 2013
Tiassalé 13	73	27	0	0.1	Mar 2013
FUMOZ-R	100	0	0	0	Feb 2014