

Table S2: Summary statistics for polymorphism at the sodium channel gene in susceptible and resistant permethrin and DDT *An. funestus* in Chikwawa, Malawi.

Samples	N	S	π (k)	h(hd)	Syn	Nonsyn	D	D*
Permethrin								
Resistant	16	9	0.0039(3.65)	5(0.7)	0	0	1.27 ^{ns}	0.43 ^{ns}
Susceptible	16	14	0.0046(4.3)	5(0.61)	0	0	0.06 ^{ns}	1.16 ^{ns}
Total Permethrin	32	17	0.0042(3.85)	8(0.68)	0	0	-	0.49 ^{ns}
							0.078	
							ns	
DDT								
Resistant	20	14	0.0053(4.96)	10(0.86)	0	0	0.94 ^{ns}	1.5 [*]
Susceptible	20	10	0.0038(3.54)	6(0.69)	0	0	0.89 ^{ns}	1.41 [*]
Total DDT	40	15	0.0046(4.3)	13(0.79)	0	0	0.7 ^{ns}	1.5 [*]
Overall Total	72	21	0.0045(4.2)	18(0.75)	0	0	-	0.95 ^{ns}
							0.05 ^{ns}	

N, number of sequences (2n); S, number of polymorphic sites; h, Number of haplotypes (haplotype diversity); π , nucleotide diversity (k= mean number of nucleotide differences); D and D*, Tajima's and Fu and Li's statistics; ns, not significant; *, P<0.05