

Table S3. Chi-squared test and probabilities applied to infer Hardy-Weinberg departures for seven loci in *Ae. aegypti* mosquitoes.

Locus	Population													
	CSF		CA		PI		MA		ARA		NEO		UMB	
EF2	0.089	(0.766 ^{NS})	0.900	(0.343 ^{NS})	2.423	(0.120 ^{NS})	0.299	(0.585 ^{NS})	0.000	(0.987 ^{NS})	0.930	(0.335 ^{NS})	4.636	(0.031 ^{**})
MUC	0.035	(0.852 ^{NS})	0.800	(0.371 ^{NS})	2.851	(0.091 ^{NS})	1.406	(0.236 ^{NS})	0.209	(0.648 ^{NS})	0.930	(0.335 ^{NS})	5.698	(0.017 ^{**})
NAK	0.131	(0.717 ^{NS})	0.055	(0.814 ^{NS})	Monomorphic		0.408	(0.523 ^{NS})	0.059	(0.809 ^{NS})	7.389	(0.007 ^{**})	0.055	(0.814 ^{NS})
PGK	0.000	(0.987 ^{NS})	Monomorphic		0.131	(0.717 ^{NS})	0.131	(0.717 ^{NS})	0.131	(0.717 ^{NS})	0.408	(0.523 ^{NS})	2.878	(0.090 ^{NS})
APOL	1.250	(0.264 ^{NS})	9.779	(0.002 ^{**})	1.286	(0.257 ^{NS})	1.286	(0.257 ^{NS})	0.556	(0.456 ^{NS})	2.031	(0.154 ^{NS})	3.200	(0.074 ^{NS})
FerH	0.196	(0.658 ^{NS})	2.358	(0.125 ^{NS})	7.200	(0.007 ^{**})	1.686	(0.194 ^{NS})	0.299	(0.585 ^{NS})	Monomorphic		0.818	(0.366 ^{NS})
P450	3.200	(0.074 ^{NS})	0.013	(0.909 ^{NS})	0.035	(0.852 ^{NS})	0.078	(0.780 ^{NS})	1.512	(0.219 ^{NS})	7.389	(0.007 ^{NS})	0.002	(0.964 ^{NS})
TSF	0.247	(0.619 ^{NS})	0.055	(0.814 ^{NS})	1.250	(0.264 ^{NS})	0.408	(0.523 ^{NS})	0.131	(0.717 ^{NS})	1.604	(0.205 ^{NS})	0.055	(0.814 ^{NS})
CHYM	0.292	(0.589 ^{NS})	1.612	(0.204 ^{NS})	0.900	(0.343 ^{NS})	0.032	(0.858 ^{NS})	0.330	(0.565 ^{NS})	10.756	(0.001 ^{**})	2.321	(0.128 ^{NS})

Key: ns=not significant ($P > 0.05$) , ** $P < 0.01$