

**TABLE S2****Parameter values used in the simulations of Figure S1 and Table S1**

	Locus	Parameters <sup>a</sup>							
		$r$	$r'$	$v_f$	$v_m$	$h_f$	$h_m$	$\bar{\mu}$	$\bar{\mu}$
Table S1	$a$	0.05	0.5	0.012	-0.016	0.5	0.3	0.0	0.0
	$b$	0.04	0.5	-0.01	0.008	0.2	0.3	0.0	0.0
	$c$	$1.0 \cdot 10^{-4}$	0.5	-0.01	0.0	0.0	0.0	$1.0 \cdot 10^{-5}$	0.0
	$d$	0.5	0.1	0.02	-0.018	0.6	0.5	0.0	0.0
	$e$	0.5	0.08	-0.03	0.015	0.3	0.8	0.0	0.0
Fig. S1	$a$	0.1	0.5	-0.04	0.03	0.5	0.7	$1.0 \cdot 10^{-5}$	$1.0 \cdot 10^{-5}$
	$b$	0.5	0.04	0.03	-0.02	0.6	0.4	$1.0 \cdot 10^{-5}$	$1.0 \cdot 10^{-5}$

<sup>a</sup> Fitness values for the genotypes 00, 01 and 11 in females are given by  $1$ ,  $1 + h_f v_f$  and  $1 + v_f$ , respectively. Similar expressions for fitness in males substitute the subscript f for m. The parameter  $\bar{\mu}$  represents the rate of mutation from allele 0 to 1;  $\bar{\mu}$  is the reverse mutation rate.