



Figure S1 Mechanisms of balancing selection, and their relative probabilities, for $n = 5$, and $h = 0.25$. For each parameter set $(z_m, z_f, \rho_{sel}, \rho_{mut})$, 100,000 balanced polymorphisms were randomly generated using the simulation approach described in the main text and in the Fig. 4 legend, but with small mutations using $E[r] = 0.05n^{0.5}$ and large mutations using $E[r] = 0.4n^{0.5}$ (these values correspond to male-specific scaled sizes of $E[x_m] = 0.25$, and $E[x_m] = 2$, respectively).