

II. Invasion Probability of Duplicate Genes with Gene Conversion

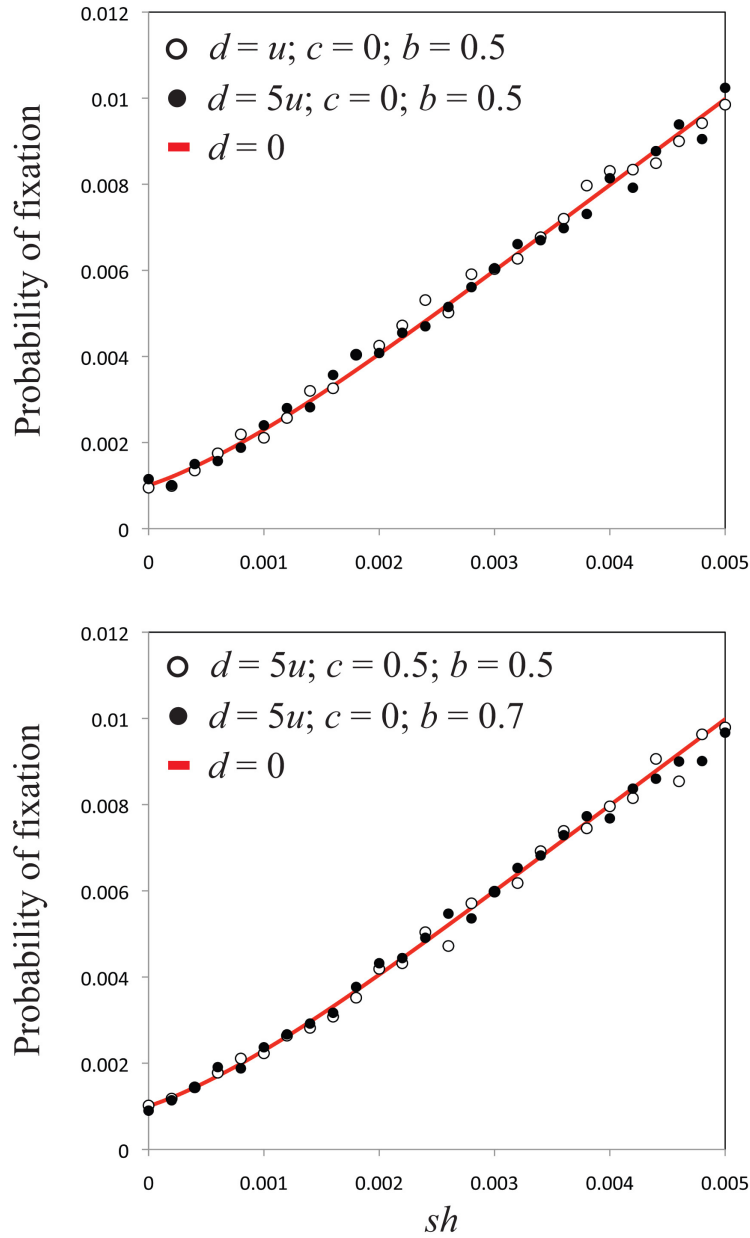


FIGURE S1.—The probability of fixation for Y-linked duplicate genes. The red line depicts the analytical approximation from Eq. (2). To facilitate comparison between these results and those of Fig. 2 from the main text, we show the approximation for $N = 1000$, $s = 1$, $d = 0$, and $u = 10^{-5}$, and present representative simulation results for $d > 0$ and various combinations of the remaining parameters (c , b). Circles represent the proportion of duplicate genotypes (out of 100,000 replicate simulations for each data point) that eventually become fixed within the population.