

Table S4. Fitness and proportion of each type of gamete produced for each original genotype in Model II (proportions calculated from Tables S2 and S3).

Diploid genotype	Fitness	Gametes produced				
		<i>w</i>	<i>n</i>	<i>e</i>	<i>r</i>	<i>d</i>
<i>ww</i>	1	$1-m_w$	0	0	0	m_w
<i>wn</i>	$(1-h_d s_d) (1-h_n s_n)$	$-(1/2) (1+k_c (-1+m_n)) (-1+m_w)$	$1/2 (-1+m_n) (-1+k_c (-1+k_j) (-1+k_n) (-1+m_w))$	0	$1/2 k_c k_j k_r (-1+m_n) (-1+m_w)$	$1/2 (m_n-k_c (-k_n+k_j (-1+k_n+k_r))) (-1+m_n) (-1+m_w)+m_w$
<i>we</i>	$(1-h_e s_e)$	$(1-m_w)/2$	0	$(1-m_e)/2$	$m_e/2$	$m_w/2$
<i>wr</i>	1	$(1-m_w)/2$	0	0	$(1-m_w)/2$	m_w
<i>wd</i>	$(1-h_d s_d)$	$(1-m_w)/2$	0	0	0	$(1+m_w)/2$
<i>nn</i>	$(1-s_d) (1-s_n)$	0	$1-m_n$	0	0	m_n
<i>ne</i>	$(1-h_d s_d) (1-h_n s_n) (1-h_e s_e)$	0	$(1-m_n)/2$	$(1-m_e)/2$	$m_e/2$	$m_n/2$
<i>nr</i>	$(1-h_d s_d) (1-h_n s_n)$	0	$(1-m_n)/2$	0	$(1-m_w)/2$	$(m_n+m_w)/2$
<i>nd</i>	$(1-s_d) (1-h_n s_n)$	0	$(1-m_n)/2$	0	0	$(1+m_n)/2$
<i>ee</i>	$(1-s_e)$	0	0	$1-m_e$	m_e	0
<i>er</i>	$(1-h_e s_e)$	0	0	$(1-m_e)/2$	$1/2 (1+m_e-m_w)$	$m_w/2$
<i>ed</i>	$(1-h_e s_e)(1-h_d s_d)$	0	0	$(1-m_e)/2$	$m_e/2$	$1/2$
<i>rr</i>	1	0	0	0	$1-m_w$	m_w
<i>rd</i>	$(1-h_d s_d)$	0	0	0	$(1-m_w)/2$	$(1+m_w)/2$
<i>dd</i>	$(1-s_d)$	0	0	0	0	1