



Figure S9 Asymptotic stability of the marginal one-locus migration–selection equilibrium \tilde{E}_B in continuous time III. Light blue areas indicate where \tilde{E}_B is asymptotically stable and A_1 cannot invade ($\tilde{\nu} < 0$; $\tilde{\nu}$ as in Eq. 91, File S1). Orange areas indicate where \tilde{E}_B is unstable and A_1 may potentially invade ($\tilde{\nu} > 0$). The black curve corresponds to a combination of \tilde{q}_{c-}^{**} and \tilde{q}_{c+}^{**} as described in section 6 of File S1, as a function of the recombination rate. The selection coefficient a in favour of A_1 is 0.02 throughout, the selection coefficient b in favour of B_1 is 0.03 in the first row (A–C) and 0.05 in the second (D–F). In each row, the migration rate increases from left to right, taking values of $m = 0.022$ in (A) and (D), $m = 0.025$ in (B) and (E), and $m = 0.028$ in (C) and (F).