

Figure S2: Back-in-time Markov process for generating a coalescence time T_2 at the right locus conditional on the time $T_1 = t_1$ at the left locus under the SMC'. Starting at time zero in state \mathbf{R}_0 , the process follows the transitions indicated by the solid arrows at the rates accompanying these arrows. Transitions indicated by dotted arrows are followed instantaneously at time t_1 . See HOBOLTH and JENSEN (2014) for analogous processes for the ARG and SMC models.