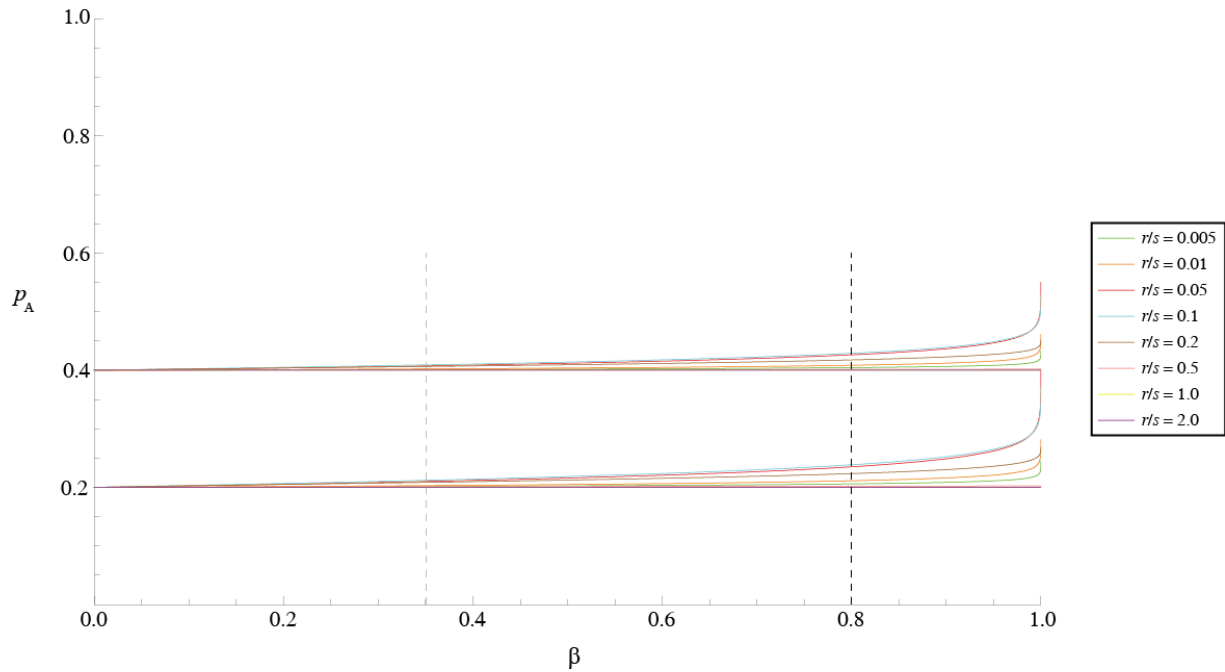


**Figure S9**



**Figure S9 Legend:** Deterministic changes in  $p_A$ , the frequency of a linked neutral derived allele in the subpopulation of chromosomes carrying the ancestral allele of the  $S$  locus during the course of a selective sweep.  $\beta$  is the frequency of the beneficial mutation in the population. The frequencies were obtained from equation (12b) of Stephan et al. (1992) for two different values of  $p$  (frequency of neutral derived allele at the beginning of sweep): 0.2 and 0.4, with different values of  $r/s$  (recombination rate/selection coefficient). Dashed lines (at  $\beta = 0.35$  and  $\beta = 0.8$ ) mark the interval of beneficial allele frequency at the  $S$  locus for which composite likelihood test is performed.