

**TABLE 23.1** Classification of models for the evolution of recombination

Form of Selection	Process Generating Linkage Disequilibrium	
	Epistasis	Random Drift
Deleterious mutations	Alleviation of mutation load	Muller's ratchet Background selection
Fluctuating selection	Fluctuating epistasis—e.g., host–parasite coevolution	Sibling competition
Favorable alleles	Stabilizing selection on a quantitative trait	Fisher–Muller argument Hitchhiking