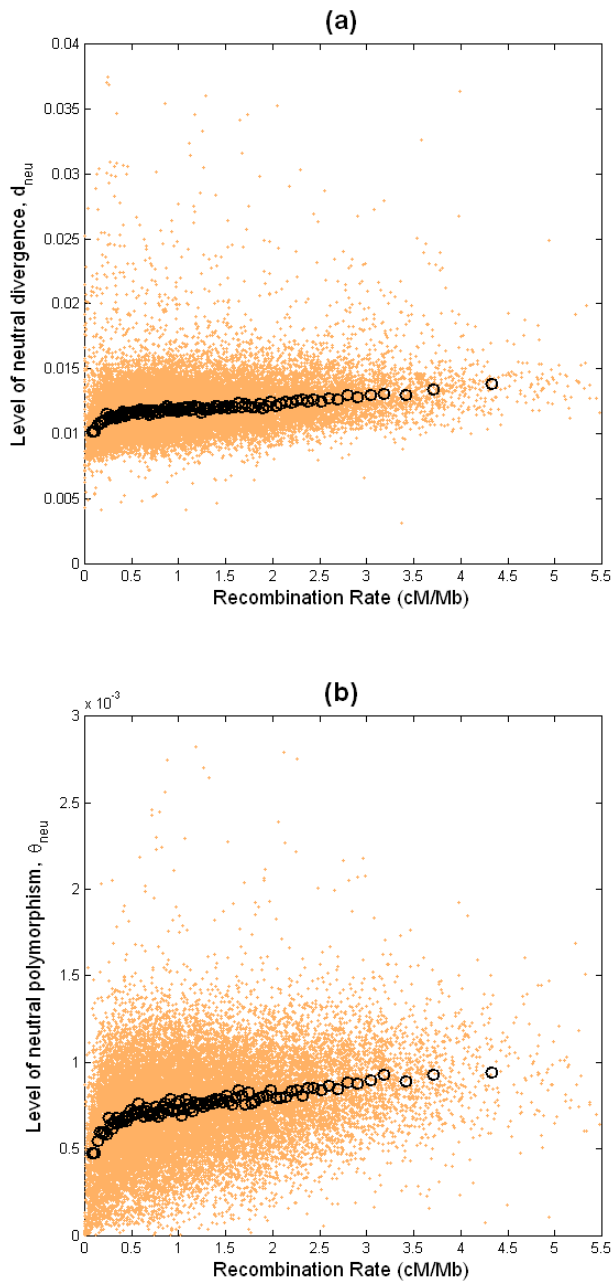


Figure S1. Correlations between recombination rate and neutral divergence rate and neutral polymorphism. Scatter plots display values of two variables in gray dots for **(a)** recombination rate (RR) and the level of neutral divergence rate (d_{neu}), **(b)** recombination rate (RR) and the level of neutral polymorphism (θ_{neu}), and **(c)** recombination rate (RR) and the level of normalized neutral polymorphism ($P_{neu} = \theta_{neu}/d_{neu}$). Red circles are average values for the pooled gray dots in 100 bins each containing 1% of the data points. The solid green line shows the fit of a linear model. Spearman's correlation coefficients for **(a)** to **(c)** are 0.302, 0.316, and 0.210, respectively. These coefficients are significantly different from zero ($P < 0.001$). The values of θ_{neu} and P_{neu} here are based on the Watson data. The results derived from the Perlegen data are given in Fig. 1.



(c)

