



Figure S15 Observed (black bars) and expected (red points and lines) folded site-frequency spectra for sample coverage classes from 11 to 18 sampled alleles. Counts were standardized by θ for ease of comparison across sample coverage classes. Goodness-of-fit tests to the expected distribution reveal that all spectra deviate from neutral expectations (class 18: $\chi^2 = 365.09$, $P < 2.20e-16$; class 17: $\chi^2 = 323.45$, $P < 2.20e-16$; class 16: $\chi^2 = 172.31$, $P < 2.20e-16$; class 15: $\chi^2 = 136.98$, $P < 2.20e-16$; class 14: $\chi^2 = 117.99$, $P < 2.20e-16$; class 13: $\chi^2 = 130.32$, $P < 2.20e-16$; class 12: $\chi^2 = 114.23$, $P < 2.20e-16$; class 11: $\chi^2 = 82.15$, $P < 2.20e-16$). The degrees of freedom for each test are the number of bins on the x-axis minus one.