Figure S2  The Poisson distribution as the asymptotic distribution of coalesced lineages \((n - A_n(t))\) at the early stage of the coalescent.

(A), (C) and (E): The asymptotic distribution of coalesced lineages at different times in a sample of size 1000, collected from a population with \(N_0 = 2 \times 10^6\). The growth rate is \(\gamma = 0.001\). The plots from top to bottom correspond to the distribution at time \(t = 10\), \(t = 40\) and \(t = 80\). The histograms were generated by 500 coalescent simulations.

(B), (D) and (F): The same settings as (A), (C) and (E), except that \(\gamma = 0.005\).