a) LI Neutral

b) Third Neutral

c) LI Growth
d) Third Growth

e) LI Two Epoch

f) Third Two Epoch
(g) LI Bottlegrowth

(h) Third Bottlegrowth

(i) LI Three Epoch

(j) Third Three Epoch
Figure S5  Comparison of observed versus expected site frequency spectra for a) long intron data under a neutral equilibrium model, b) third codon position under a neutral equilibrium model, c) long intron data under a growth model, d) third codon position under a growth model, e) long intron data under a two epoch model, f) third codon position under a two epoch model, g) long intron data under a bottlegrowth model, h) third codon position under a bottlegrowth model, i) long intron data under a three epoch model, j) third codon position under a three epoch model.