

Supplementary Table 1: Gapped ILD-tests

Coding sequence, nucleotide-coded	
<= 2 gaps, >2 gaps	0.591
<= 3 gaps, >3 gaps	0.273
Coding sequence, RY-coded	
<= 2 gaps, >2 gaps	0.664
<= 3 gaps, >3 gaps	0.698
Conserved non-coding, nucleotide-coded	
<= 3 gaps, >3 gaps	0.050
Conserved non-coding, RY-coded	
<= 3 gaps, >3 gaps	0.627

Supplementary Table 2: ILD test results comparing positions with more gaps to those with few or no gaps. All ILD tests were performed using PAUP* and 1000 replicates of 10 random addition TBR swapped maximum parsimony trees.