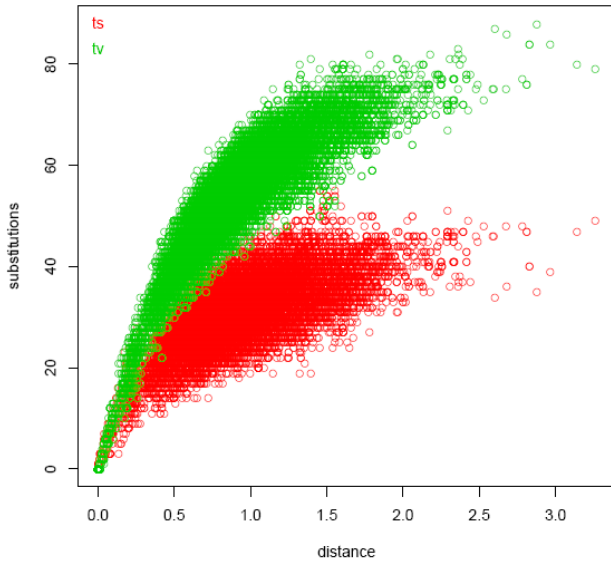
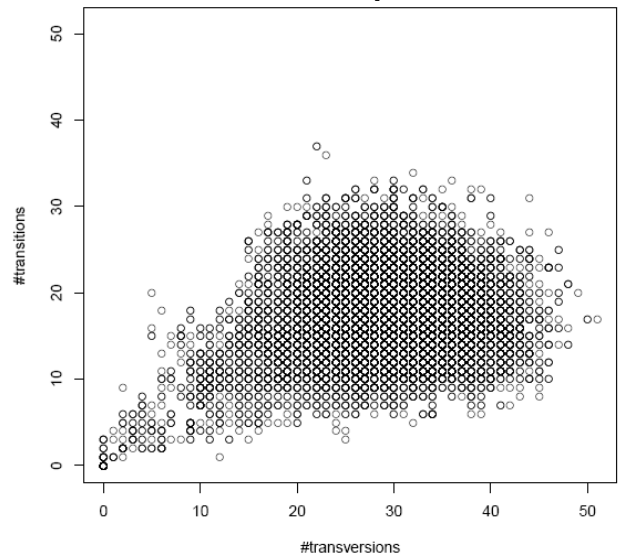
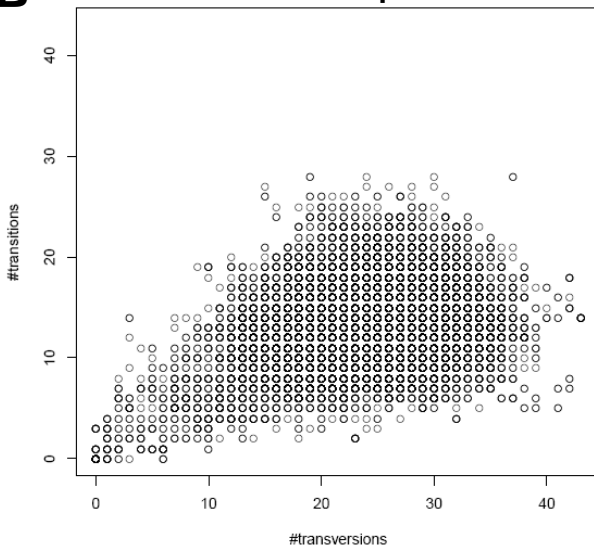


A**B**

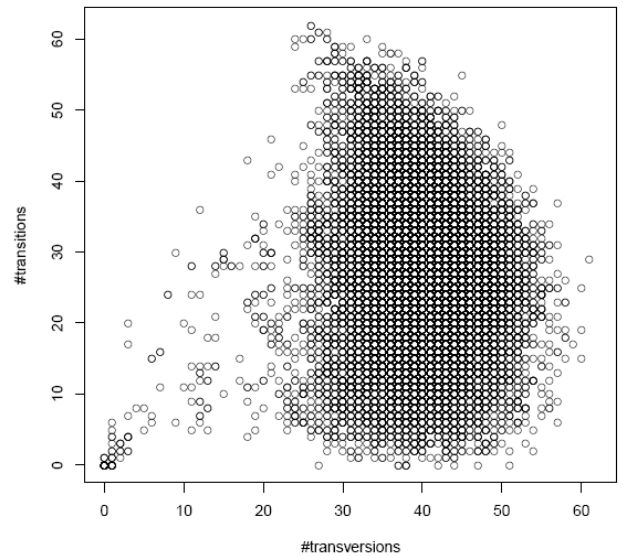
1st codon position

**B**

2nd codon position



3rd codon position



Supplementary Figure 2: Substitution saturation analysis of the LOV nucleotide alignment. (A) Observed numbers of transitions (ts) relative to the number of observed transversions (tv) plotted against genetic distance values for the full LOV alignment. **(B)** Observed number of transitions plotted against number of observed transversions for the 1st, 2nd and 3rd codon positions.