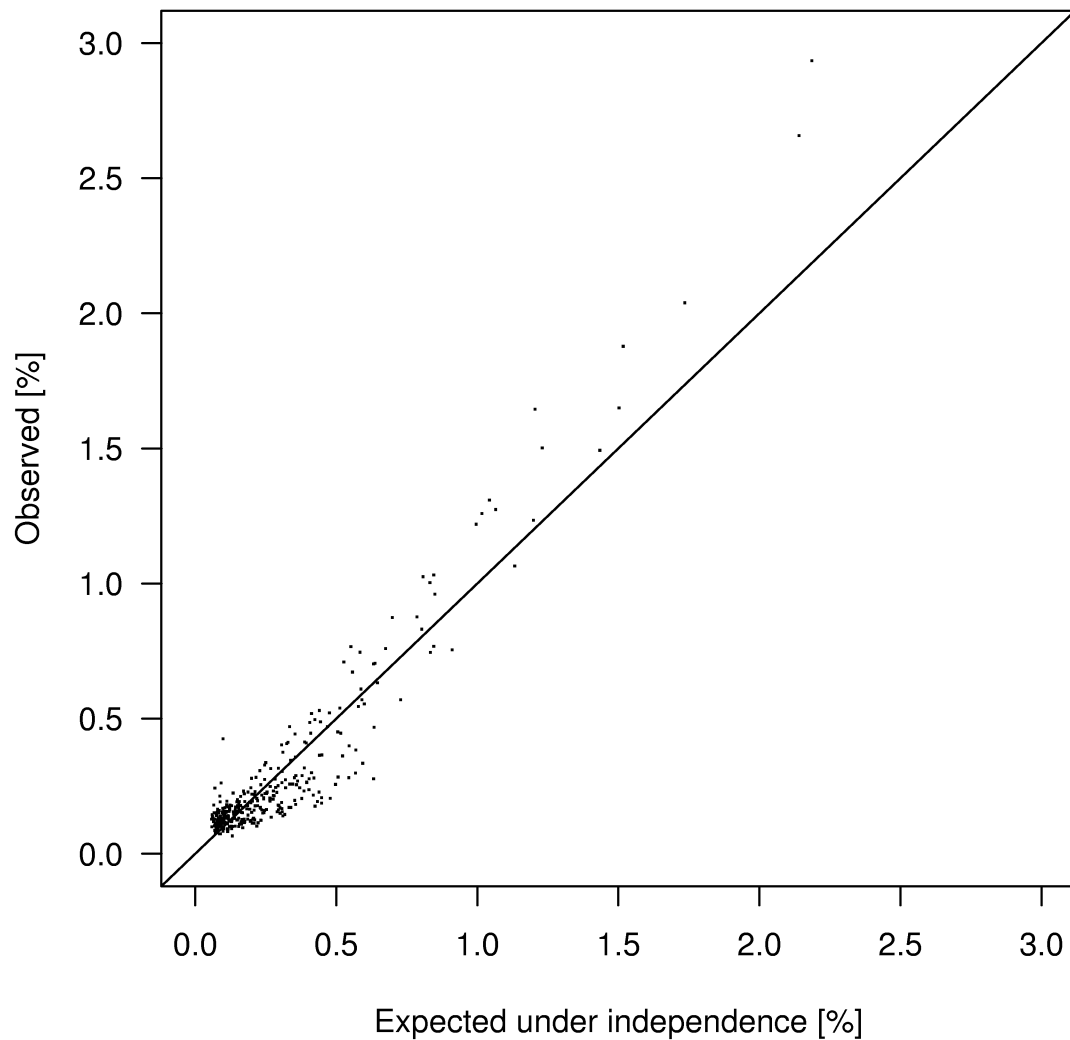


Supplementary Figure 4:

Independency between error positions in reads containing two errors. Dots in this scatter plot represent combinations of error positions in reads containing two errors. The plot relates expected versus observed frequencies of position combinations among two-error-reads. The expected frequencies are computed based on the position specific error probabilities assuming independence between base calls. The diagonal represents equivalence between observed and expected frequencies. The figure shows that observed frequencies confirm the independence assumption in the *Beta* data set (a) as well as in the *Helicobacter* data set (b).

a)



b)

