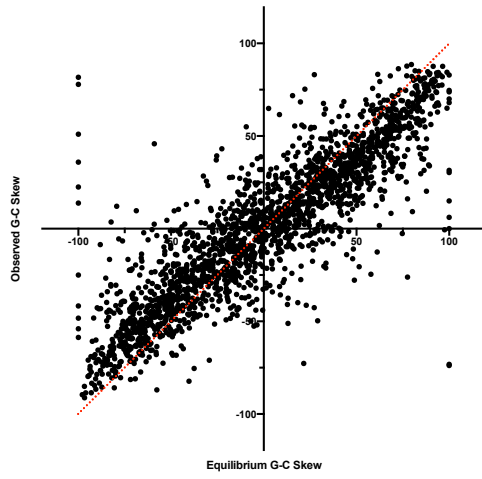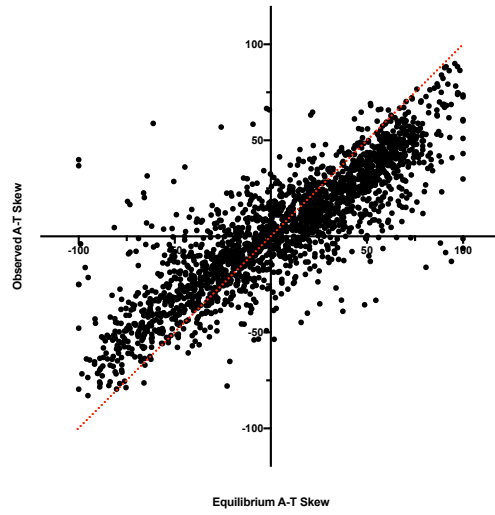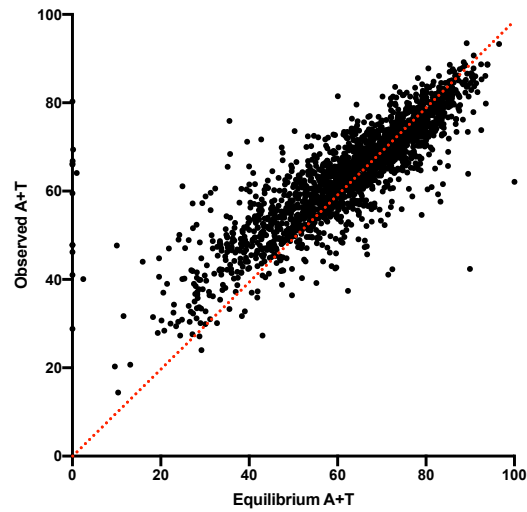**Figure S3**

a)

b)

c)

Figure Legend: For each context the stationary vector of the transition matrix was used to calculate predicted equilibrium base composition within that hexanucleotide. Compositions plotted are (a) A-T skew (b) G-C skew, and (c) A+T content. The equality line for each is shown in red.