

Table S4. Estimated K_m (μM) kinetic parameters for base pairings when previously inserted nucleotide forms a non-Watson-Crick pair [1].

Base pairings	T	G	C	A
A	404	40400	40400	40400
C	40400	404	40400	40400
G	40400	40400	404	40400
T	40400	40400	40400	404

The array order is the same as in Table S1.

REFERENCES

1. Johnson AA, Johnson KA (2001) Fidelity of nucleotide incorporation by human mitochondrial DNA polymerase. *Journal of Biological Chemistry* 276: 38090-38096.