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CORRIGENDUM

DNA partitions into triplets under tension in the presence of organic cations, with sequence evolutionary age predicting the stability of the triplet phase – CORRIGENDUM

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Quarterly Reviews of Biophysics (2018), **51**, e1, page 1 of 2 doi:10.1017/S0033583517000142

Quarterly Reviews of Biophysics (2017), **50**, e15, Doi: 10.1017/S0033583517000130 First published online by Cambridge University Press, 16 November 2017.

In the original version of the article the codon TGG was incorrectly entered as giving Tyrosine (Y) rather than the correct amino acid Tryptophan (W). This does not alter the argument of the paper, however the triplet propensity of W was therefore not calculated. Corrected versions of Table 1 and Table 2 (below) show triplet propensities recalculated with the correct encoding for TGG.

In figure 2(b) the arrows 5′->3′ indicating strand direction were placed next to the wrong strands.

The authors apologise for these errors.

Reference

Taghavi, A., van der Schoot, P., Berryman, J. T., (2017). DNA partitions into triplets under tension in the presence of organic cations, with sequence evolutionary age predicting the stability of the triplet phase. *Quarterly Reviews of Biophysics* **50**, e15. doi:10.1017/S0033583517000130.

Table 1.

Amino Acid	Codon · anticodon	$\Delta G_\tau / k_B T$
G♀	GGC·GCC	1.71
A♀	GCC·GGC	1.72
S*	AGC·GCT	1.86
D♀	GAC·GTC	2.01
V♀	GTC·GAC	2.02
T*	ACC·GGT	2.07
R.	AGA·TCT	2.16
E*	GAA·TTC	2.19
F.	TTC·GAA	2.20
N.	AAC·GTT	2.25
I*	ATC·GAT	2.30
K.	AAA·TTT	2.43
P*	CCC·GGG	2.59
L*	CTC·GAG	2.70
Y.	TAC·GTA	3.33
C.	TGC·GCA	3.38
H.	CAC·GTG	4.28
W.	TGG·CCA	4.33
Q.	CAA·TTG	4.53
M.	ATG·CAT	4.56

Table 2.

Base 1	Base 2	Base 3 = T	Base 3 = C	Base 3 = A	Base 3 = G	Base 3
T	T	F.	F.	L*	L*	T
	C	S*	S*	S*	S*	C
	A	Y.	Y.	X.	X.	A
	G	C.	C.	X.	W.	G
C	T	L*	L*	L*	L*	T
	C	P*	P*	P*	P*	C
	A	H.	H.	Q.	Q.	A
	G	R.	R.	R.	R.	G
A	T	I*	I*	I*	M.	T
	C	T*	T*	T*	T*	C
	A	N.	N.	K.	K.	A
	G	S*	S*	R.	R.	G
G	T	V†	V†	V†	V†	T
	C	A†	A†	A†	A†	C
	A	D†	D†	E*	E*	A
	G	G†	G†	G†	G†	G

https://doi.org/10.1017/S0033583517000142 Published online by Cambridge University Press