

Break the DNA code!

Use the table on the right to break the code on the necklace.

Read the necklace in “words” of three letters, and look up which protein letter each word codes for.

The whole necklace spells out a sentence.

The protein letters are parts of proteins, which build our body.

Most of the 3 letter words used here are real DNA codes.

(BBB, JJJ, OOO, XXX and ZZZ are made up as real DNA does not code for these protein letters).

3 letter word on DNA necklace	Protein letter
GCC	A
BBB	B
TGC	C
GAC	D
GAG	E
TTC	F
GGT	G
CAT	H
ATC	I
JJJ	J
AAA	K
TTA	L
ATG	M
AAT	N
OOO	O
CCG	P
CAA	Q
CGC	R
TCT	S
ACG	T
TGA	U
GTG	V
TGG	W
XXX	X
TAC	Y
ZZZ	Z