

# Package: string2dna (via r-universe)

September 15, 2024

**Type** Package

**Title** Encode/Decode Strings as Nucleotide Sequences

**Version** 0.1.0

**Description** Encode strings as nucleotide sequences and decode nucleotide sequences into strings.

**License** GPL (>= 3)

**Encoding** UTF-8

**LazyData** true

**Depends** R (>= 2.10)

**RoxygenNote** 7.2.3

**Roxygen** list(markdown = TRUE)

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**URL** <https://stephenturner.github.io/string2dna/>

**Repository** <https://stephenturner.r-universe.dev>

**RemoteUrl** <https://github.com/stephenturner/string2dna>

**RemoteRef** HEAD

**RemoteSha** 80e8d5ac39183ccf8884bb675ba1cc87a97078b7

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`string2dna`*String to DNA encoder/decoder*

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**Description**

Encode a string into a DNA sequence or decode a DNA sequence into a string.

**Usage**

```
string2dna(x, method = "encode")
```

**Arguments**

<code>x</code>	A string
<code>method</code>	Either encode (turn a string into a nucleotide sequence), or decode (turn a nucleotide sequence into a string).

**Value**

A string

**References**

[https://github.com/lurbano/dnaWriter/blob/main/dna\\_writer.js](https://github.com/lurbano/dnaWriter/blob/main/dna_writer.js)

**Examples**

```
string2dna("Stephen Turner", method="encode")  
string2dna("TGATAGCTAGAGCGTCTACTCAGCTAGGATCACCTCCTACAC", method="decode")
```

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