

Package ‘RGenetics’

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Title R packages for genetics research

Description R packages for genetics research

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codonToAAone	<i>Translating Codons to Amino Acids</i>
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Description

Translate a DNA 3-character codon to an amino acid (one character)

Usage

```
codonToAAone(codon)
```

Arguments

codon a DNA 3-character codon

See Also

[codonToAAthree](#)

Examples

```
codonToAAone('AAA')
```

codonToAAoneRNA

Translating Codons to Amino Acids

Description

Translate a RNA 3-character codon to an amino acid (one character)

Usage

```
codonToAAoneRNA(codon)
```

Arguments

codon a RNA 3-character codon

See Also

[codonToAAthreeRNA](#)

Examples

```
codonToAAoneRNA('AAA')
```

`codonToAAthree`*Translating Codons to Amino Acids*

Description

Translate a DNA 3-character codon to an amino acid (three character)

Usage

```
codonToAAthree(codon)
```

Arguments

`codon` a DNA 3-character codon

See Also

[codonToAAone](#)

Examples

```
codonToAAthree('AAA')
```

`codonToAAthreeRNA`*Translating Codons to Amino Acids*

Description

Translate a RNA 3-character codon to an amino acid (three character)

Usage

```
codonToAAthreeRNA(codon)
```

Arguments

`codon` a RNA 3-character codon

See Also

[codonToAAoneRNA](#)

Examples

```
codonToAAthreeRNA('AAA')
```

geneticCodeTable	<i>Genetic Code Table</i>
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Description

DNA Genetic Code Table

Usage

```
geneticCodeTable(DNA = TRUE)
```

Arguments

DNA	if 'TRUE', DNA code will be used, else, 'RNA' code will be used. Default is 'TRUE'
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See Also

[codonToAAone](#)
[codonToAAthree](#)
[codonToAAoneRNA](#)
[codonToAAthreeRNA](#)

Examples

```
geneticCodeTable()  
geneticCodeTable(DNA=FALSE)
```

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