

# Package: **figir** (via r-universe)

August 27, 2024

**Type** Package

**Title** Check Validity of FIGI, CUSIP, ISIN, SEDOL

**Version** 0.1.7.1

**Author** Panagiotis Cheilaris [aut, cre]

**Maintainer** Panagiotis Cheilaris <philaris@gmail.com>

**Description** With the functions in this package you can check the validity of the following financial instrument identifiers:  
FIGI (Financial Instrument Global Identifier  
<<https://www.openfigi.com/about/figi>>), CUSIP (Committee on Uniform Security Identification Procedures  
<<https://www.cusip.com/identifiers.html#/CUSIP>>), ISIN (International Securities Identification Number  
<<https://www.cusip.com/identifiers.html#/ISIN>>), SEDOL (Stock Exchange Daily Official List  
<<https://www2.lseg.com/SEDOL-masterfile-service-tech-guide-v8.6>>).  
You can also calculate the FIGI checksum of 11-character strings, which can be useful if you want to create your own FIGI identifiers.

**URL** <https://github.com/philaris/figir>

**BugReports** <https://github.com/philaris/figir/issues>

**License** MIT + file LICENSE

**Encoding** UTF-8

**RoxygenNote** 7.3.1

**Suggests** testthat

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

**RemoteUrl** <https://github.com/philaris/figir>

**RemoteRef** HEAD

**RemoteSha** 152742d19c468f5c5305b8cf8ad8dfc2ba89343f

## Contents

cusip_check . . . . .	2
figi_check . . . . .	3
figi_compute_checksum . . . . .	3
isin_check . . . . .	4
sedol_check . . . . .	5
<b>Index</b>	<b>6</b>

---

cusip_check	<i>Check validity of CUSIP</i>
-------------	--------------------------------

---

### Description

Given a character vector, check the validity of CUSIP (Committee on Uniform Security Identification Procedures) for each of its elements.

### Usage

```
cusip_check(s)
```

### Arguments

`s` a character vector for whose elements validity of CUSIP is checked.

### Value

A logical vector.

### Examples

```
cusip_check("052800109")
cusip_check("87162M409")
cusip_check("500750104")
cusip_check(c("052800109", "87162M409"))
cusip_check(c("052800109", "87162M407"))
```

---

figi_check	<i>Check validity of FIGI</i>
------------	-------------------------------

---

**Description**

Given a character vector, check the validity of FIGI (Financial Instrument Global Identifier) for each of its elements.

**Usage**

```
figi_check(s)
```

**Arguments**

**s** a character vector for whose elements validity of FIGI (Financial Instrument Global Identifier) is checked.

**Value**

A logical vector.

**Examples**

```
figi_check("BBG000BLNQ16")
figi_check("NRG92C84SB39")
figi_check(c("BBG000BLNQ16", "NRG92C84SB39"))
```

---

figi_compute_checksum	<i>Compute the FIGI check digit</i>
-----------------------	-------------------------------------

---

**Description**

Given a character vector, compute for each string the FIGI (Financial Instrument Global Identifier) checksum digit.

**Usage**

```
figi_compute_checksum(v)
```

**Arguments**

**v** a character vector for whose elements the FIGI (Financial Instrument Global Identifier) checksum digit is computed.

**Value**

A character vector of single character strings.

**Examples**

```
figi_compute_checksum("BBG000BLNQ1")  
figi_compute_checksum("NRG92C84SB3")  
figi_compute_checksum(c("BBG000BLNQ1", "NRG92C84SB3"))
```

---

isin\_check

*Check validity of ISIN*

---

**Description**

Given a character vector, check the validity of ISIN (International Securities Identification Number) for each of its elements.

**Usage**

```
isin_check(s)
```

**Arguments**

**s** a character vector for whose elements validity of ISIN (International Securities Identification Number) is checked.

**Value**

A logical vector.

**Examples**

```
isin_check("BBG000BLNQ16")  
isin_check("NRG92C84SB39")  
isin_check(c("BBG000BLNQ16", "NRG92C84SB39"))
```

---

sedol_check	<i>Check validity of SEDOL</i>
-------------	--------------------------------

---

**Description**

Given a character vector, check the validity of SEDOL (Stock Exchange Daily Official List) for each of its elements.

**Usage**

```
sedol_check(s)
```

**Arguments**

`s` a character vector for whose elements validity of SEDOL is checked.

**Value**

A logical vector.

**Examples**

```
sedol_check('B014635')  
sedol_check('0263494')  
sedol_check(c('B014635', '0263494'))  
sedol_check(c('B014635', '0263495'))
```

# Index

cusip\_check, 2

figi\_check, 3

figi\_compute\_checksum, 3

isin\_check, 4

sedol\_check, 5