

# Package ‘SeqGrapheR’

July 20, 2015

**Type** Package

**Title** Simple GUI for Graph Based Visualization of Cluster of DNA Sequence Reads

**Version** 0.4.8.5

**Date** 2015-07-20

**Author** Petr Novak

**Maintainer** Petr Novak <petr@umbr.cas.cz>

**Description**

The SeqGrapheR package provide interactive GUI for visualization of DNA sequence clusters. Details and principles of usage are described in user manual and (2010 BMC Bioinformatics 11:378). For full functionality installed NCBI blast is required.

**License** GPL (>= 2)

**Depends** R (>= 2.14.0)

**Imports** Biostrings,igraph,rggobi,gWidgets,gWidgetsRGtk2,cairoDevice

**SystemRequirements** ggobi

**LazyLoad** yes

**NeedsCompilation** no

**Repository** CRAN

**Date/Publication** 2015-07-20 18:08:53

## R topics documented:

SeqGrapheR-package . . . . .	2
SeqGrapheR . . . . .	2

<b>Index</b>	<b>3</b>
--------------	----------

SeqGrapheR-package      *Simple GUI for graph based visualization of cluster of DNA sequence reads*

---

**Description**

Simple GUI for graph based visualization of cluster of DNA sequence reads

**Details**

SeqGrapheR package provide interactive GUI for visualization of DNA sequence clusters. Details and principles of usage are described in user manual and in BMC Bioinformatics 11: 378. For full functionality installed NCBI blast is required

**Author(s)**

Petr Novak <petr<at>umbr.cas.cz>

---

SeqGrapheR      *SeqGrapheR - graph based interactive visualization of DNA sequence clusters*

---

**Description**

Function start GUI for interactive graph based visualization of DNA sequence clusters. The GUI is written using the gWidgets and use RGtk2 graphical toolkit. This function does not take any parameters. Note that SeqGrapheR require external programs blastall and dotter for some functions.

**Usage**

```
SeqGrapheR()
```

**Examples**

```
## do not run!  
## SeqGrapheR()
```

# Index

\*Topic **package**

SeqGrapheR-package, [2](#)

SeqGrapheR, [2](#)

SeqGrapheR-package, [2](#)