

# Package ‘NetBIDshiny’

July 23, 2019

**Type** Package

**Title** A shiny app to assist NetBID2 master regulator analysis and visualize the results

**Version** 0.1.0

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**Description** A shiny app for assisting NetBID2 (data-driven context-specific network and Bayesian inference, version II) analysis, including the master regulator estimation and result visualization.

**License** GPL (>= 2)

**Encoding** UTF-8

**LazyData** true

**Depends** R (>= 3.6.0),  
NetBID2 (>= 0.1.2),  
shiny (>= 1.2.0),  
shinyjs (>= 1.0),  
shinythemes (>= 1.1.2),  
DT (>= 0.5),  
shinyFiles (>= 0.7.3),  
fs (>= 1.3.1),  
V8 (>= 2.3)

**Imports**

**Suggests**

**RoxygenNote** 6.1.1

## R topics documented:

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NetBIDshiny.run4MR	NetBIDshiny.run4MR is a function to run a shiny app for NetBID2 master regulator identification.
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### Description

NetBIDshiny.run4MR is a shiny app for NetBID2 master regulator identification and the generation of figures for top drivers with the help of two lazy functions in NetBID2, NetBID.lazyMode.DriverEstimation() and NetBID.lazyMode.DriverVisualization(). No option is required. User could follow the online tutorial [https://jyyulab.github.io/NetBID\\_shiny/](https://jyyulab.github.io/NetBID_shiny/) for usage.

### Usage

```
NetBIDshiny.run4MR()
```

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NetBIDshiny.run4Vis	NetBIDshiny.run4Vis is a function to run a shiny app for NetBID2 result visualization.
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### Description

NetBIDshiny.run4Vis is a shiny app for NetBID2 result visualization. No option is required. User could follow the online tutorial [https://jyyulab.github.io/NetBID\\_shiny/](https://jyyulab.github.io/NetBID_shiny/) for usage.

### Usage

```
NetBIDshiny.run4Vis()
```

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