
ngsqc Documentation

Release unknown

KongDeju

Mar 02, 2018

Contents

1	Contents	3
1.1	License	3
1.2	Developers	3
1.3	Changelog	3
1.4	ngsqc	4
2	Indices and tables	7
	Python Module Index	9

This is the documentation of **ngsqc**.

Note: This is the main page of your project's [Sphinx](#) documentation. It is formatted in [reStructuredText](#). Add additional pages by creating `rst`-files in `docs` and adding them to the [toctree](#) below. Use then [references](#) in order to link them from this page, e.g. [authors](#) and [Changelog](#).

It is also possible to refer to the documentation of other Python packages with the [Python domain syntax](#). By default you can reference the documentation of [Sphinx](#), [Python](#), [NumPy](#), [SciPy](#), [matplotlib](#), [Pandas](#), [Scikit-Learn](#). You can add more by extending the `intersphinx_mapping` in your `Sphinx`'s `conf.py`.

The pretty useful extension [autodoc](#) is activated by default and lets you include documentation from docstrings. Docstrings can be written in [Google](#) (recommended!), [NumPy](#) and [classical](#) style.

CHAPTER 1

Contents

1.1 License

Copyright 2017 KongDeju

1.2 Developers

- KongDeju <kongdeju@gene.ac>

1.3 Changelog

1.3.1 Version 0.1

- Feature A added
- FIX: nasty bug #1729 fixed
- add your changes here!

1.4 ngsqc

1.4.1 ngsqc package

Subpackages

ngsqc.arranger package

Submodules

ngsqc.arranger.arranger module

class ngsqc.arranger.arranger.**arranger** (*prefix*)

Parameters **prefix** (*dict*) – some description of this dict { “key1”: “...” “key2”: “...” }

Returns some description of this dict

Return type *dict*

arrFastp ()

arrFastqc ()

arrange ()

Module contents

ngsqc.bamqc package

Submodules

ngsqc.bamqc.BamQC module

class ngsqc.bamqc.BamQC.**BamQC** (*bam, prefix*)

Module contents

ngsqc.fastqc package

Submodules

ngsqc.fastqc.FastQC module

This is the beginning of Fastq

class ngsqc.fastqc.FastQC.**FastQC** (*fqs, prefix*)
init the FastQC class

Parameters

- **fq** (*str*) – this is the input fastq file

- **prefix** (*str*) – the output prefix

```
byfastp ()  
    the docstring is cool  
byfastqc ()
```

ngsqc.fastqc.fast_qc module

```
ngsqc.fastqc.fast_qc.qc (fqs, prefix)
```

ngsqc.fastqc.fastp module

```
ngsqc.fastqc.fastp.qc (fqs, prefix)  
    information for qc
```

ngsqc.fastqc.fastp2table module

```
ngsqc.fastqc.fastp2table.fastp2table (jsons, prex)
```

Module contents

ngsqc.reporter package

Submodules

ngsqc.reporter.render module

```
class ngsqc.reporter.render.Argsor (report)
```

```
    convert_table (table)  
    get_images ()  
    get_table ()
```

```
ngsqc.reporter.render.main (report, template, out)
```

```
ngsqc.reporter.render.render (template, args)
```

ngsqc.reporter.reporter module

```
ngsqc.reporter.reporter.report (reportDir, prefix)
```

Module contents

ngsqc.vcfqc package

Submodules

ngsqc.vcfqc.VcfQC module

class ngsqc.vcfqc.VcfQC.**VcfQC** (*vcf*, *prefix*)

Module contents

Submodules

ngsqc.config.py module

Module contents

CHAPTER 2

Indices and tables

- `genindex`
- `modindex`
- `search`

n

- `ngsqc`, 6
 - `ngsqc.arranger`, 4
 - `ngsqc.arranger.arranger`, 4
 - `ngsqc.bamqc`, 4
 - `ngsqc.bamqc.BamQC`, 4
 - `ngsqc.fastqc`, 5
 - `ngsqc.fastqc.fast_qc`, 5
 - `ngsqc.fastqc.fastp`, 5
 - `ngsqc.fastqc.fastp2table`, 5
 - `ngsqc.fastqc.FastQC`, 4
 - `ngsqc.reporter`, 6
 - `ngsqc.reporter.render`, 5
 - `ngsqc.reporter.reporter`, 5
 - `ngsqc.vcfqc`, 6
 - `ngsqc.vcfqc.VcfQC`, 6

A

Argsor (class in `ngsqc.reporter.render`), 5
arrange() (`ngsqc.arranger.arranger.arranger` method), 4
arranger (class in `ngsqc.arranger.arranger`), 4
arrFastp() (`ngsqc.arranger.arranger.arranger` method), 4
arrFastqc() (`ngsqc.arranger.arranger.arranger` method), 4

B

BamQC (class in `ngsqc.bamqc.BamQC`), 4
byfastp() (`ngsqc.fastqc.FastQC.FastQC` method), 5
byfastqc() (`ngsqc.fastqc.FastQC.FastQC` method), 5

C

convert_table() (`ngsqc.reporter.render.Argsor` method), 5

F

fastp2table() (in module `ngsqc.fastqc.fastp2table`), 5
FastQC (class in `ngsqc.fastqc.FastQC`), 4

G

get_images() (`ngsqc.reporter.render.Argsor` method), 5
get_table() (`ngsqc.reporter.render.Argsor` method), 5

M

main() (in module `ngsqc.reporter.render`), 5

N

`ngsqc` (module), 6
`ngsqc.arranger` (module), 4
`ngsqc.arranger.arranger` (module), 4
`ngsqc.bamqc` (module), 4
`ngsqc.bamqc.BamQC` (module), 4
`ngsqc.fastqc` (module), 5
`ngsqc.fastqc.fast_qc` (module), 5
`ngsqc.fastqc.fastp` (module), 5
`ngsqc.fastqc.fastp2table` (module), 5
`ngsqc.fastqc.FastQC` (module), 4
`ngsqc.reporter` (module), 6
`ngsqc.reporter.render` (module), 5

`ngsqc.reporter.reporter` (module), 5
`ngsqc.vcfqc` (module), 6
`ngsqc.vcfqc.VcfQC` (module), 6

Q

qc() (in module `ngsqc.fastqc.fast_qc`), 5
qc() (in module `ngsqc.fastqc.fastp`), 5

R

render() (in module `ngsqc.reporter.render`), 5
report() (in module `ngsqc.reporter.reporter`), 5

V

VcfQC (class in `ngsqc.vcfqc.VcfQC`), 6