
perturbseq

Release 0.0.0

Oana Ursu

Jul 03, 2020

CONTENTS

1	API	3
1.1	Preprocessing: pp	3
1.2	Tools: t1	3
2	API	5
2.1	Preprocessing: pp	5
2.2	Tools: t1	5
2.3	Plotting: p1	5
3	Indices and tables	7
	Python Module Index	9
	Index	11

Welcome!

You can import perturbseq as:

```
import perturbseq as perturb
```

Note: Testnote

1.1 Preprocessing: pp

<code>pp.subsample_cells(adata, num_cells, ...)</code>	
<code>pp.cells_per_perturbation(adata_here[, ...])</code>	Counts the number of cells for each perturbation.

1.1.1 perturbseq.pp.subsample_cells

`perturbseq.pp.subsample_cells` (*adata*, *num_cells*, *grouping_variable*)

1.1.2 perturbseq.pp.cells_per_perturbation

`perturbseq.pp.cells_per_perturbation` (*adata_here*, *level*='guide', *pref*='perturb', *copy*=False)

Counts the number of cells for each perturbation.

Args: *adata_here*: adata *level*: guide

Returns: something: something

1.2 Tools: t1

```
t1.moi(adata_here[, pref, level, gridsize, maxk])
```

1.2.1 perturbseq.tl.moi

`perturbseq.tl.moi` (*adata_here*, *pref='perturb'*, *level='guide'*, *gridsize=100*, *maxk=10*)

2.1 Preprocessing: pp

Cells per perturbation, etc.

2.2 Tools: t1

Tools

2.3 Plotting: p1

Plotting things.

INDICES AND TABLES

- genindex
- modindex
- search

PYTHON MODULE INDEX

p

`perturbseq.pp`, 3

`perturbseq.tl`, 3

C

`cells_per_perturbation()` (*in module perturbseq.pp*), 3

M

module

perturbseq.pp, 3

perturbseq.tl, 3

`moi()` (*in module perturbseq.tl*), 4

P

perturbseq.pp

 module, 3

perturbseq.tl

 module, 3

S

`subsample_cells()` (*in module perturbseq.pp*), 3