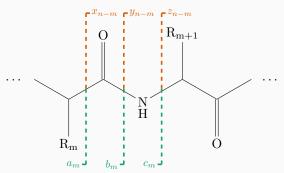
topdownr - systematic optimisation of protein sequencing for top-down proteomics

Sebastian Gibb, University Medicine Greifswald

December 2017

Introduction

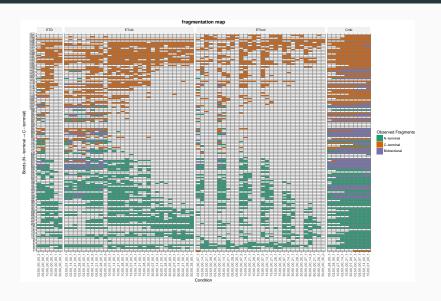
C-terminus



N-terminus

Figure 1: amino bond, abc and xyz fragments

Fragmentation Map



Collaborative Work

- Pavel V. Shliaha, University of Southern Denmark.
- Ole Nørregaard Jensen, University of Southern Denmark.
- Malena Schack Jespersen, University of Southern Denmark.
- · Veit Schwämmle, University of Southern Denmark.

Thank you for your attention!

```
biocLite("topdownr")
(this talk: https://github.com/sgibb/EuroBioc2017-topdownr/)
```