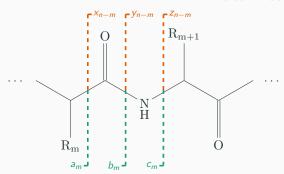
# topdownr - Systematic Optimisation of Protein Sequencing for Top-Down Proteomics

Sebastian Gibb, University Medicine Greifswald 2017-12-05

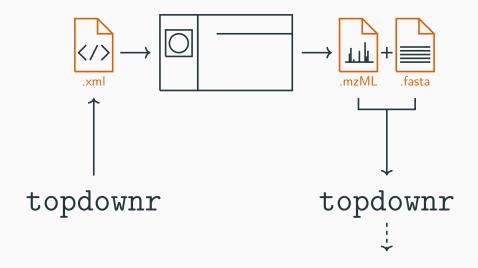
#### **Fragmentation Notation**

#### C-terminus

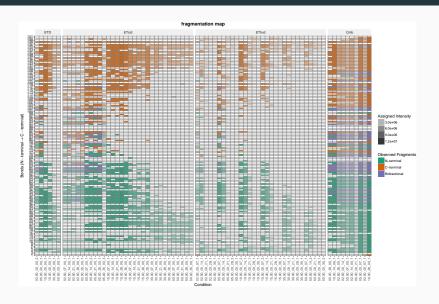


N-terminus

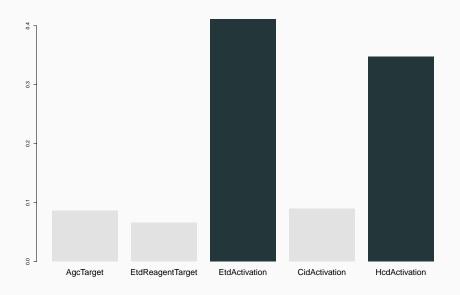
## Workflow (simplified)



### **Fragmentation Map**



## **Important Settings**



#### **Collaborative Work**

Thank you for your attention!

```
biocLite("topdownr")
```

github: @sgibb / twitter: @sebastiangibb

- Pavel V. Shliaha.
- Vladimir Gorshkov.
- Ole Nørregaard Jensen.
- Malena Schack Jespersen.
- Veit Schwämmle.

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