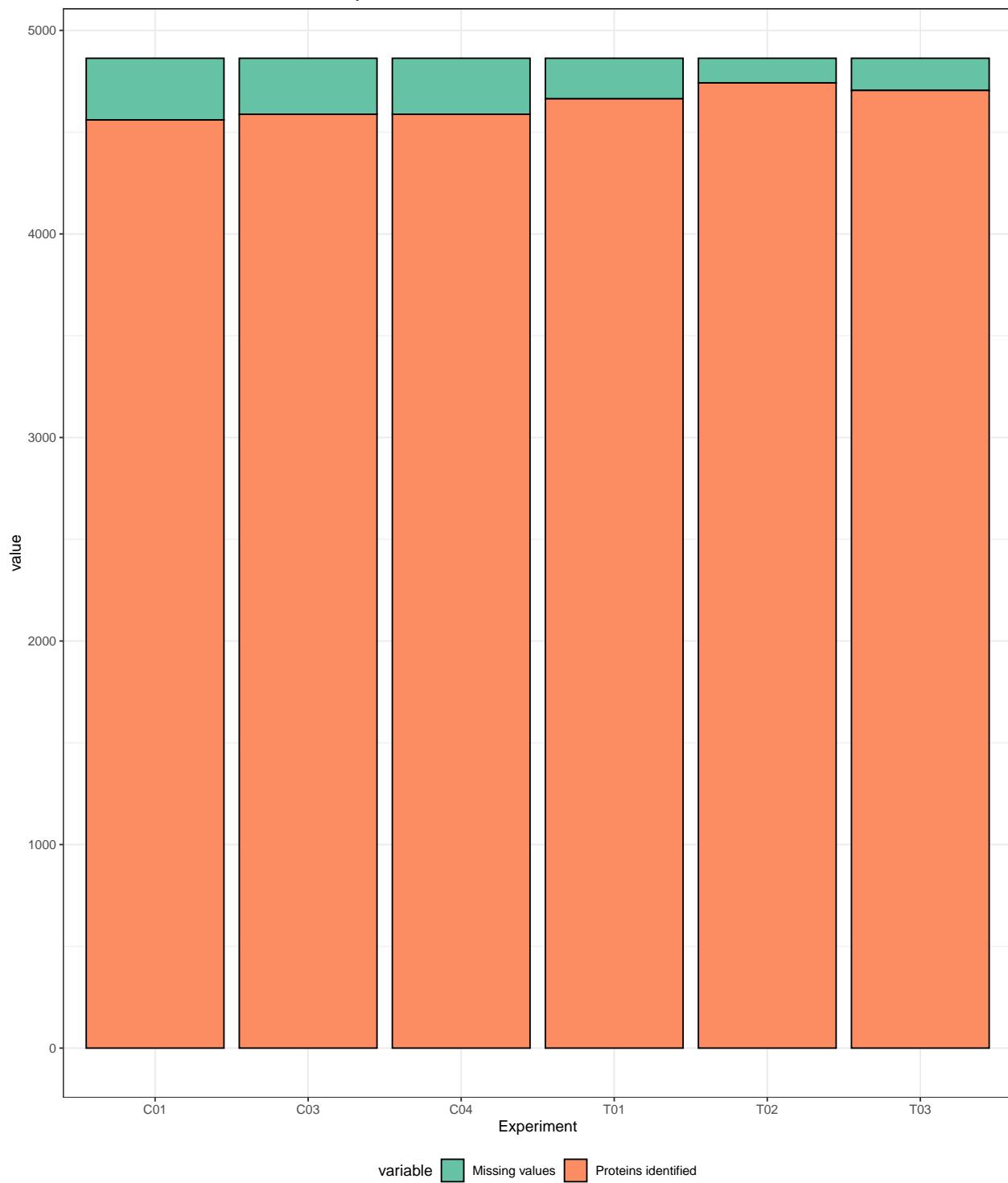


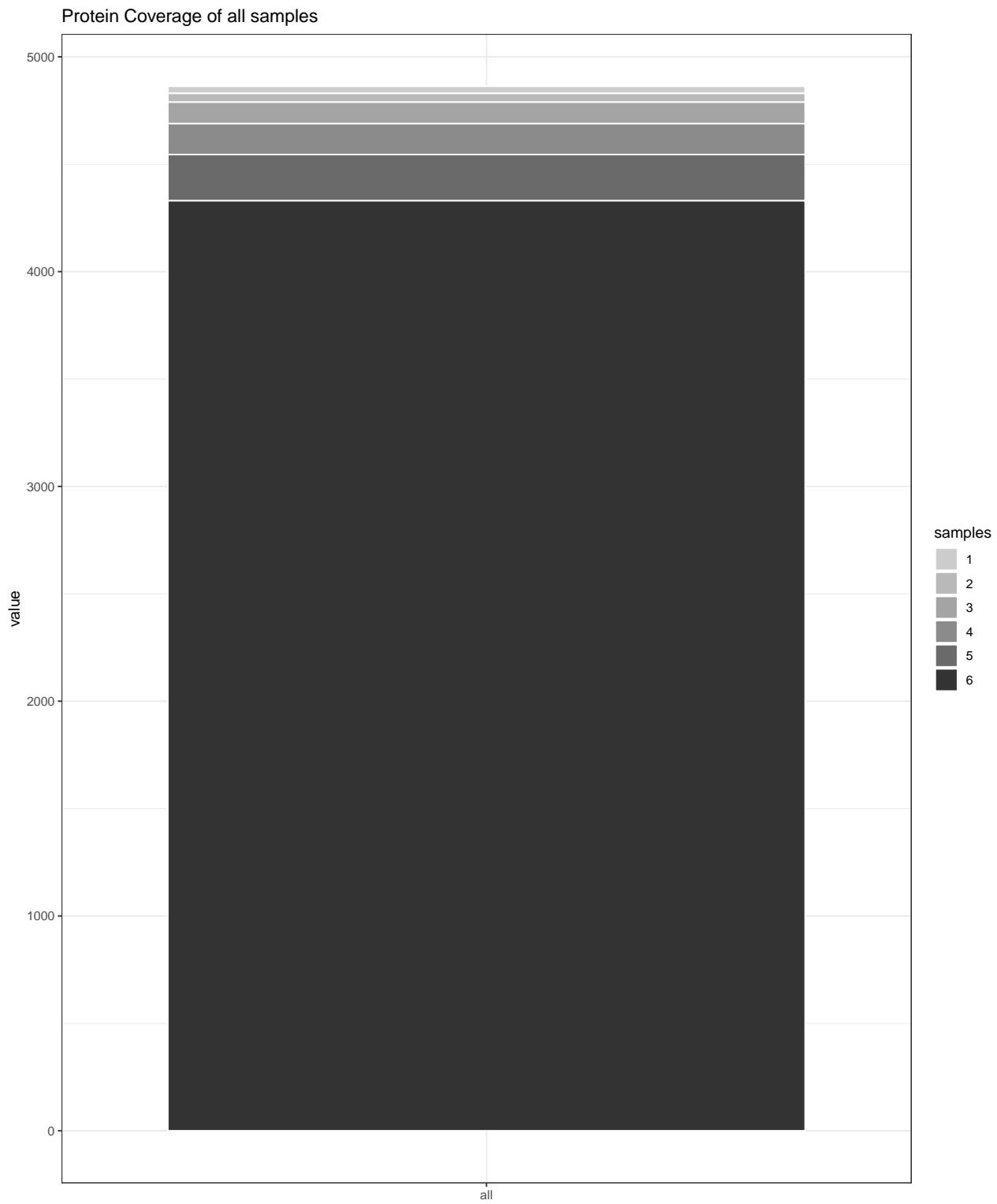
MQmetrics Report

13 April, 2021

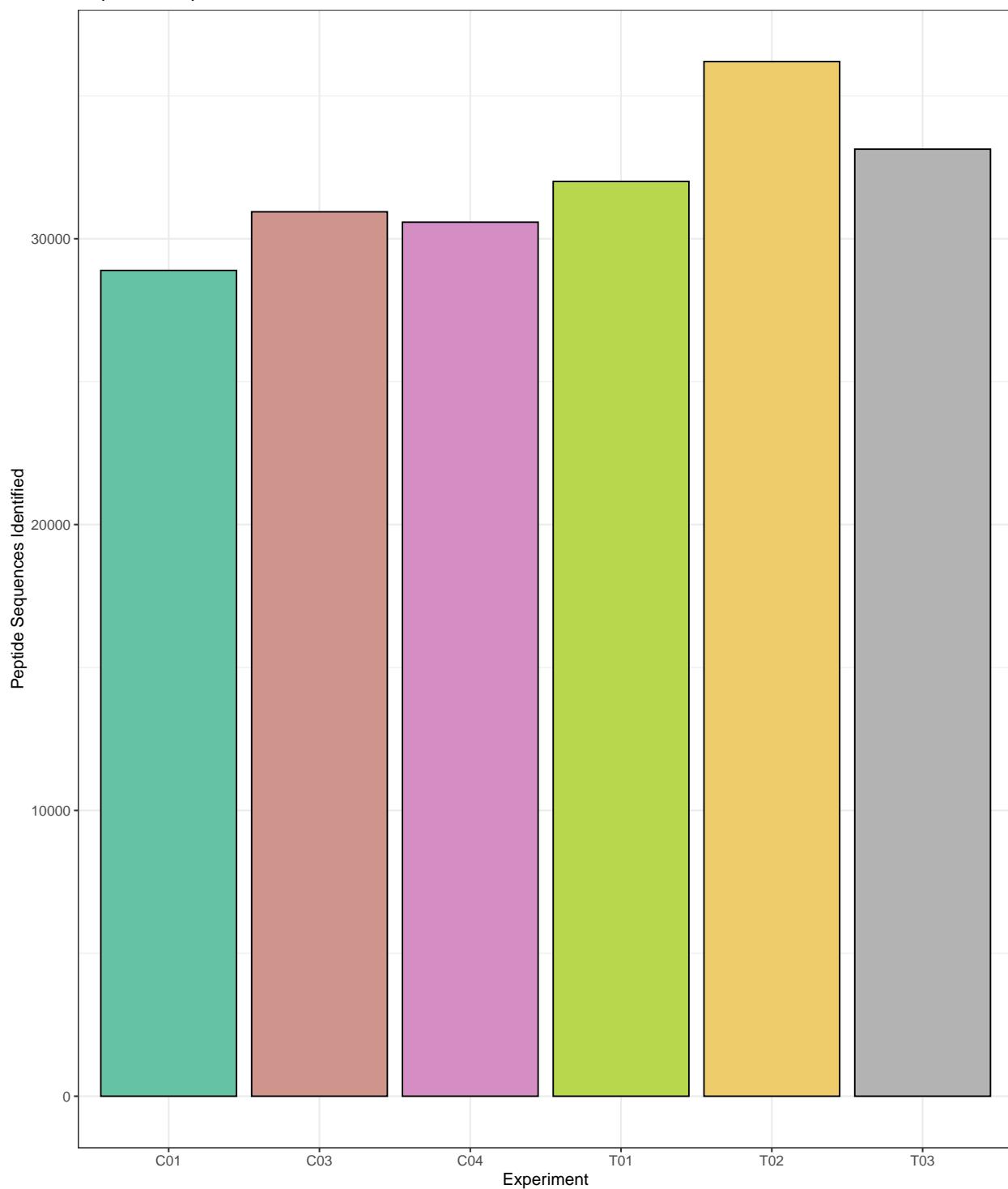
```
## [1] "The experiment started the day: 17/12/2020 at the time: 01:18:03."
## [1] "The whole experiment lasted: 01:19 (hours:minutes)."
## [1] "The MaxQuant version used was: 1.6.12.0"
## [1] "The user was: marek.vrbacky"
## [1] "The machine name was: FGU045PC004"
## [1] "The protein FDR was: 0.01"
## [1] "The match between runs was: True"
## [1] "The fasta file used was: C:\\MaxQuant_Databases\\\\UP000005640_9606.fasta"
```

Proteins Identified based on Intensity

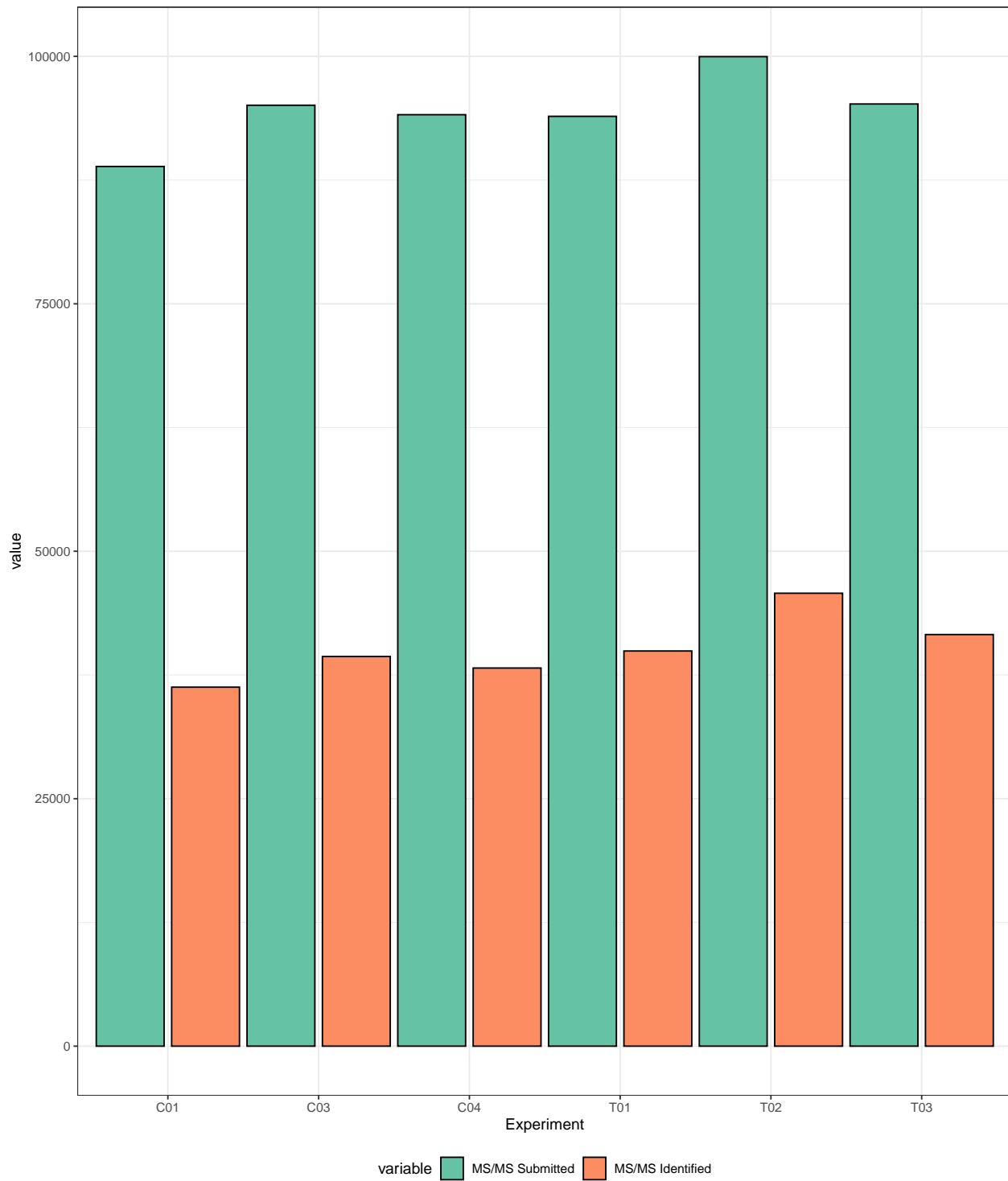




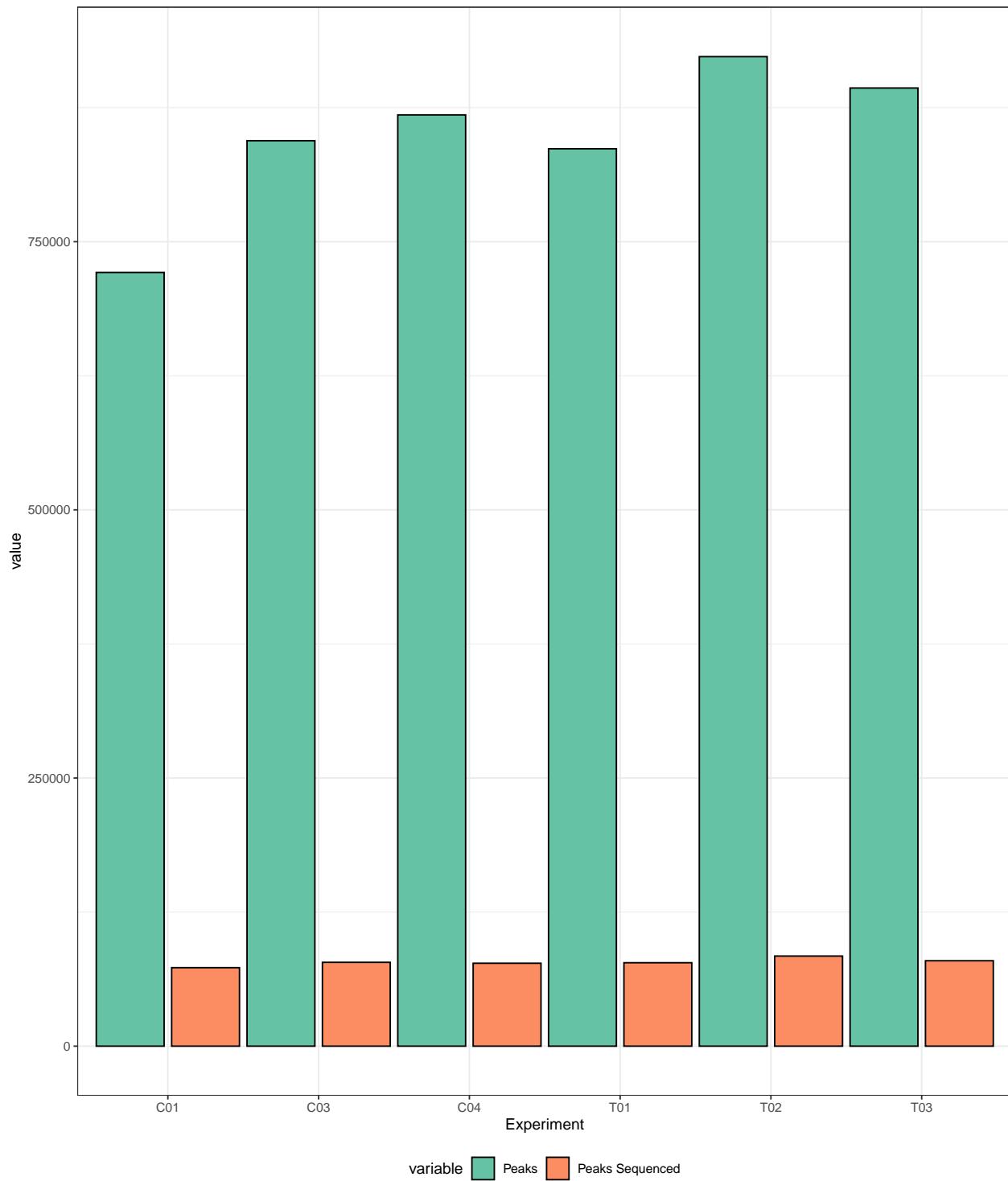
Peptides Sequences Identified

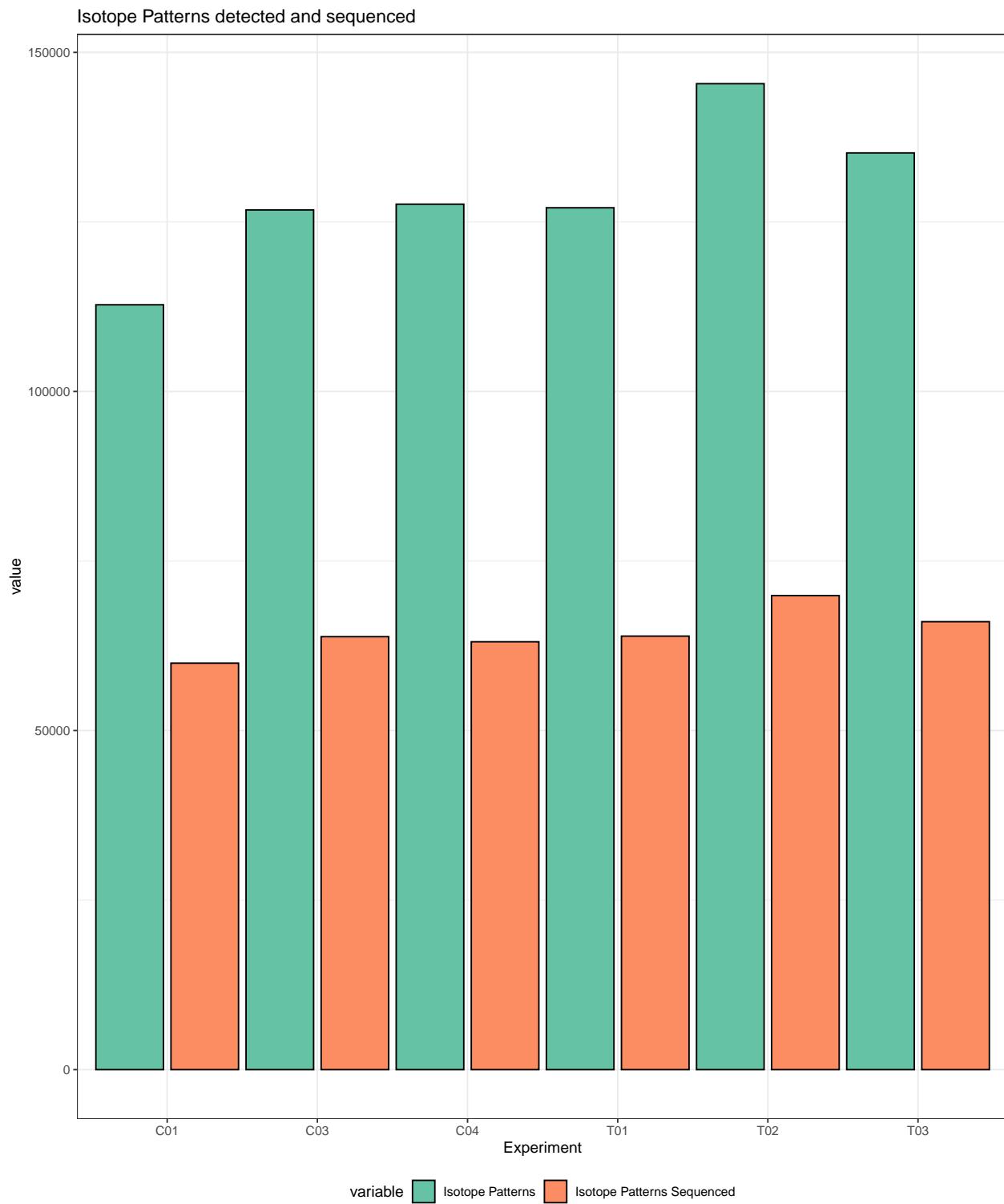


MS/MS Submitted and Identified

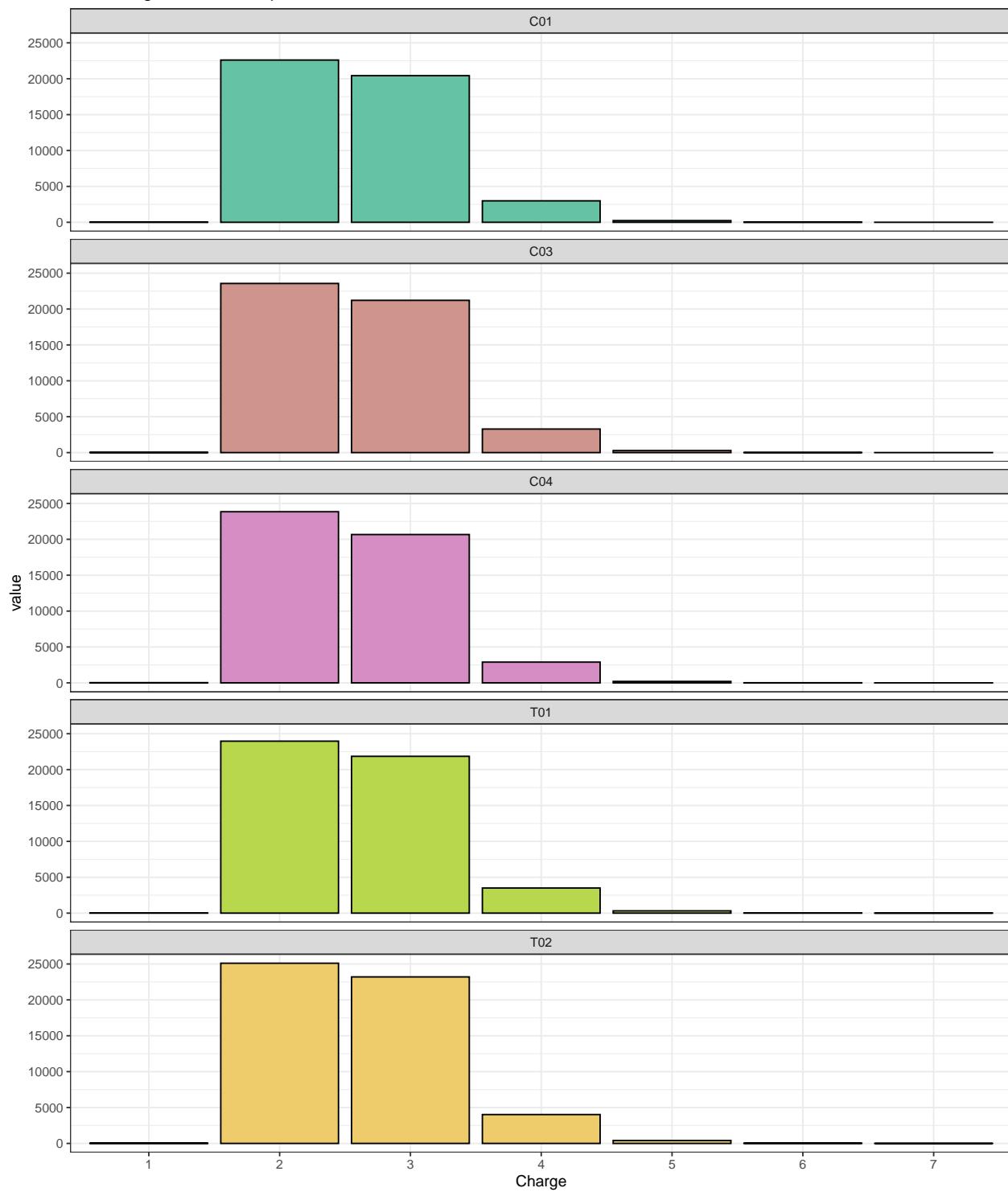


Peaks detected and sequenced in the full scans

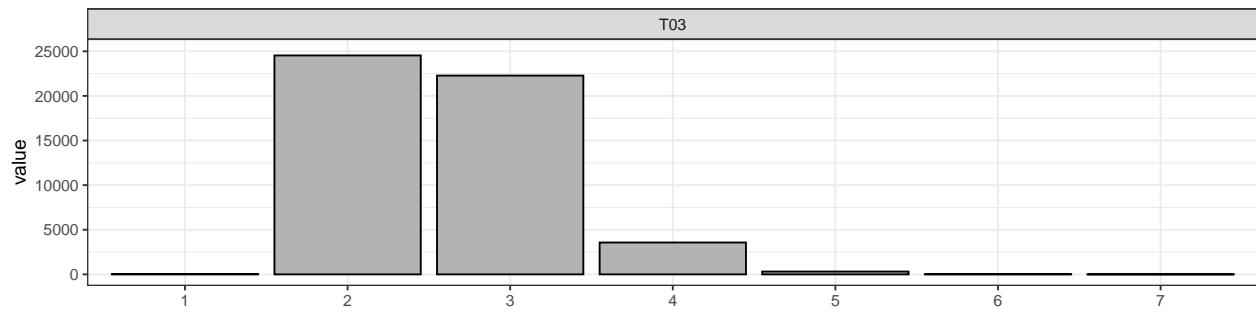




The charge-state of the precursor ion.

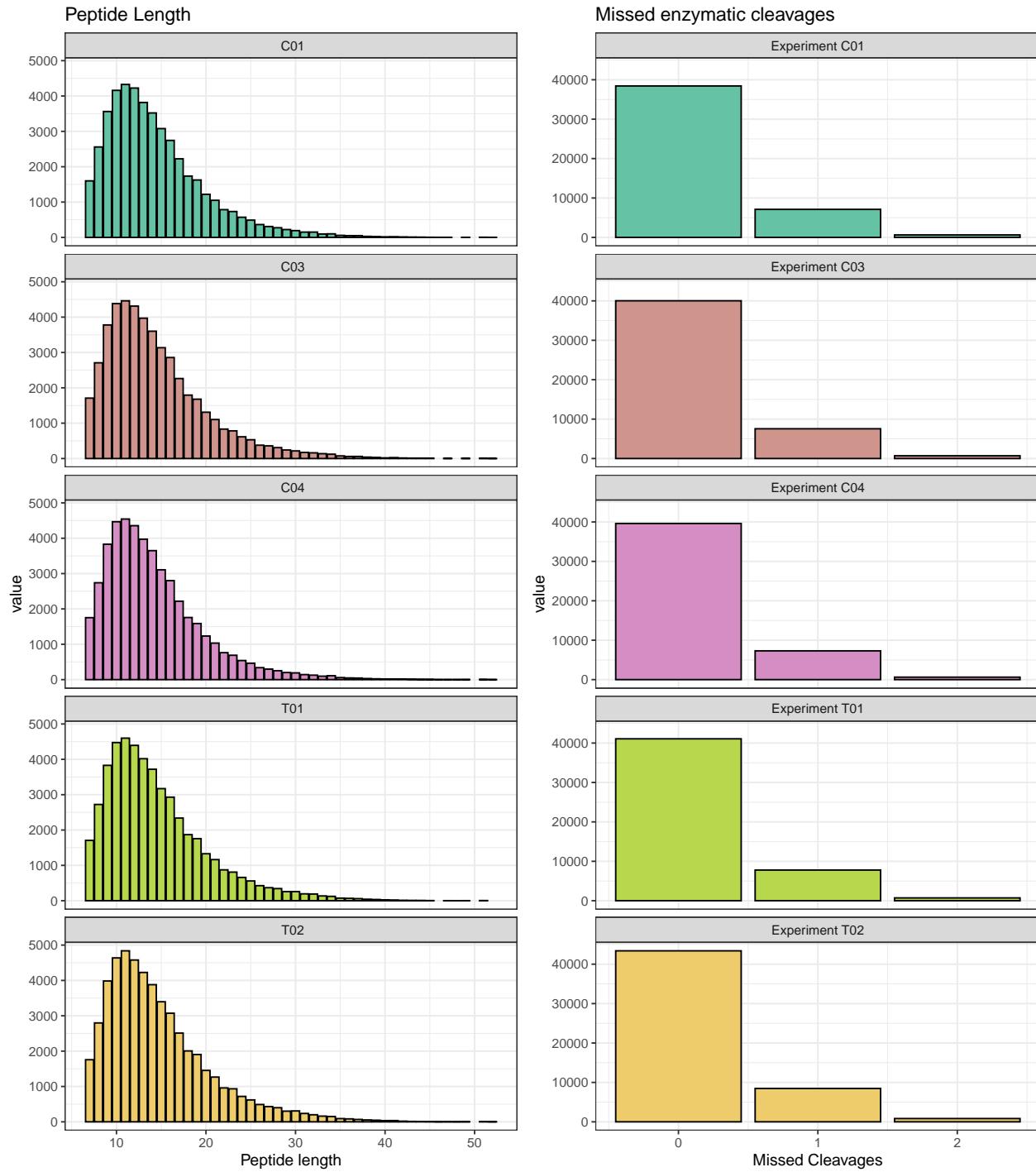


The charge-state of the precursor ion.

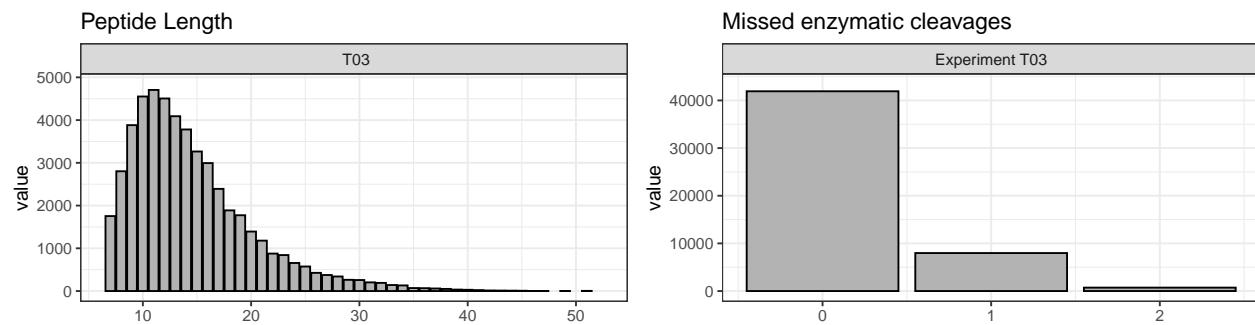


Charge

Protease Specificity

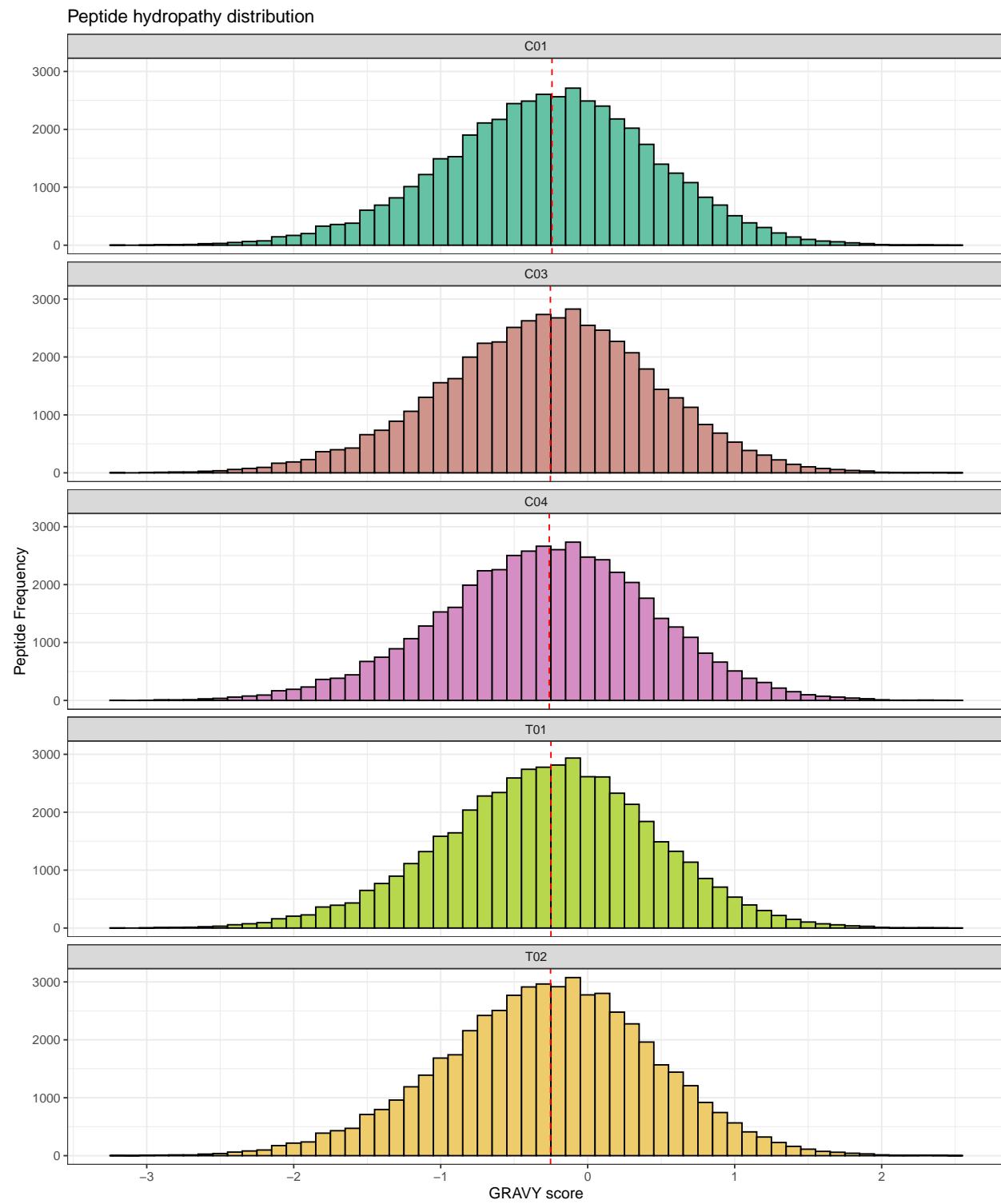


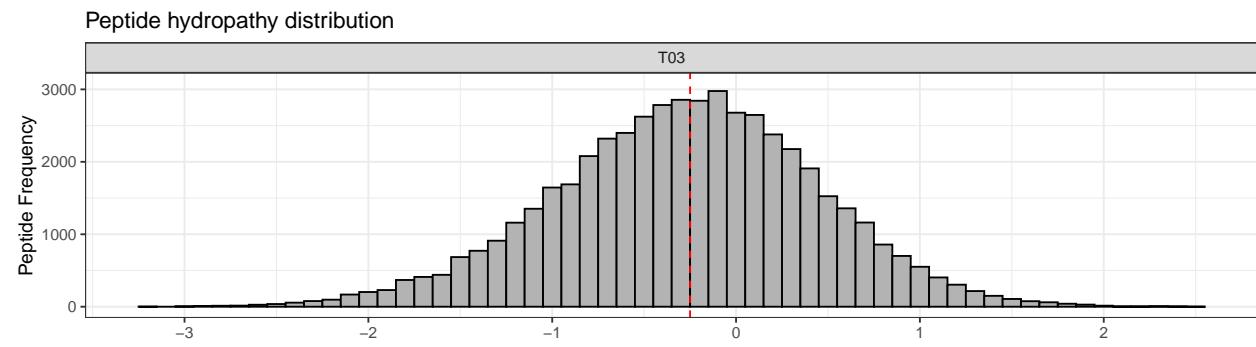
Protease Specificity



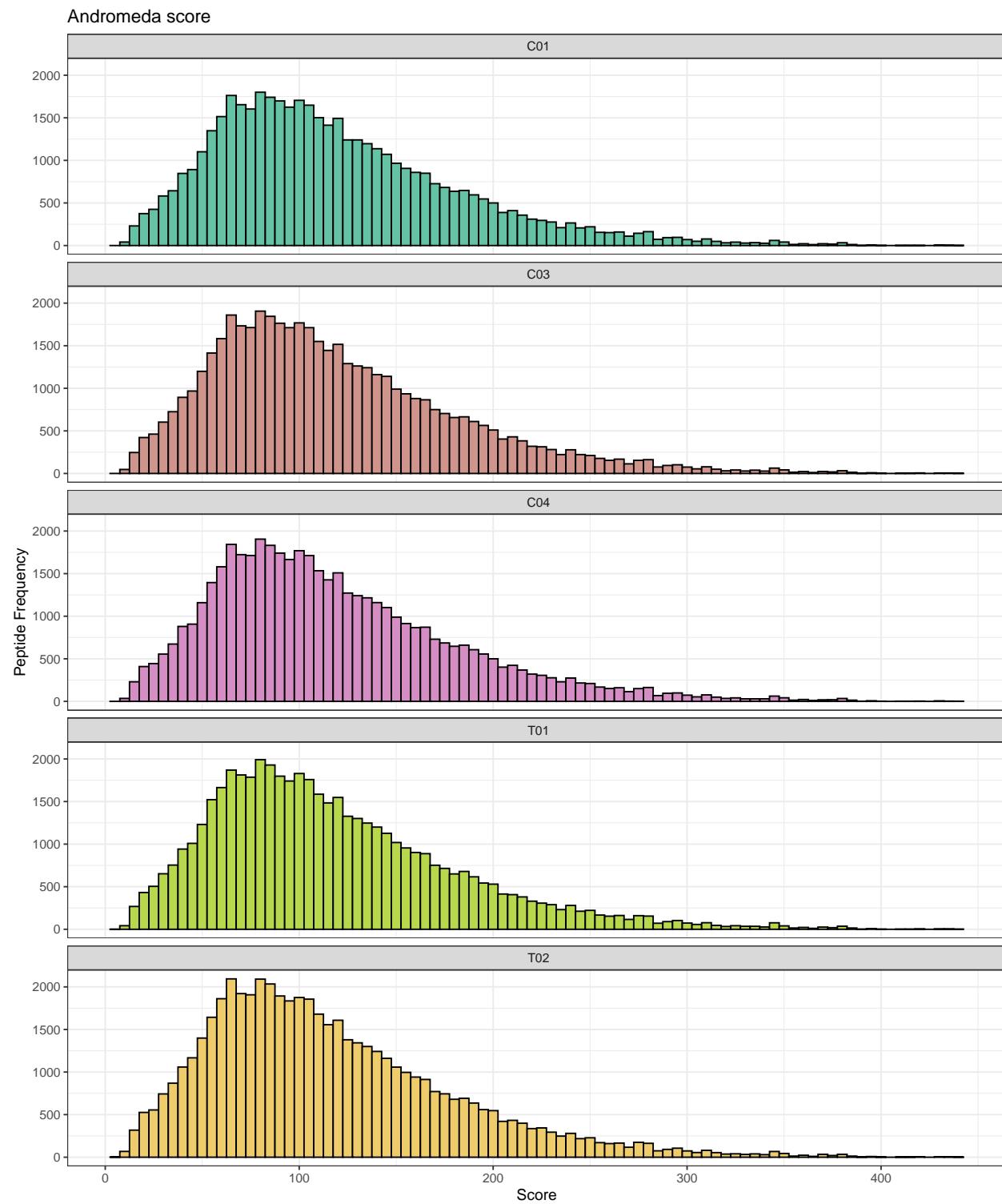
Peptide length

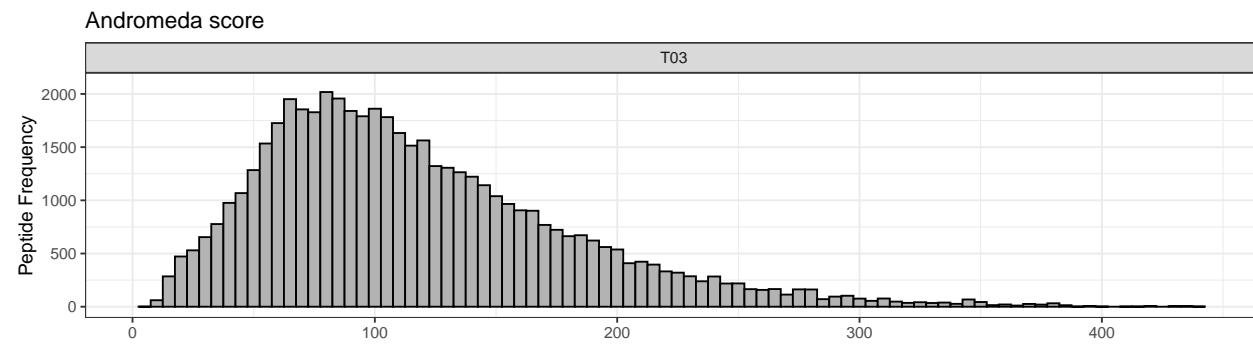
Missed Cleavages



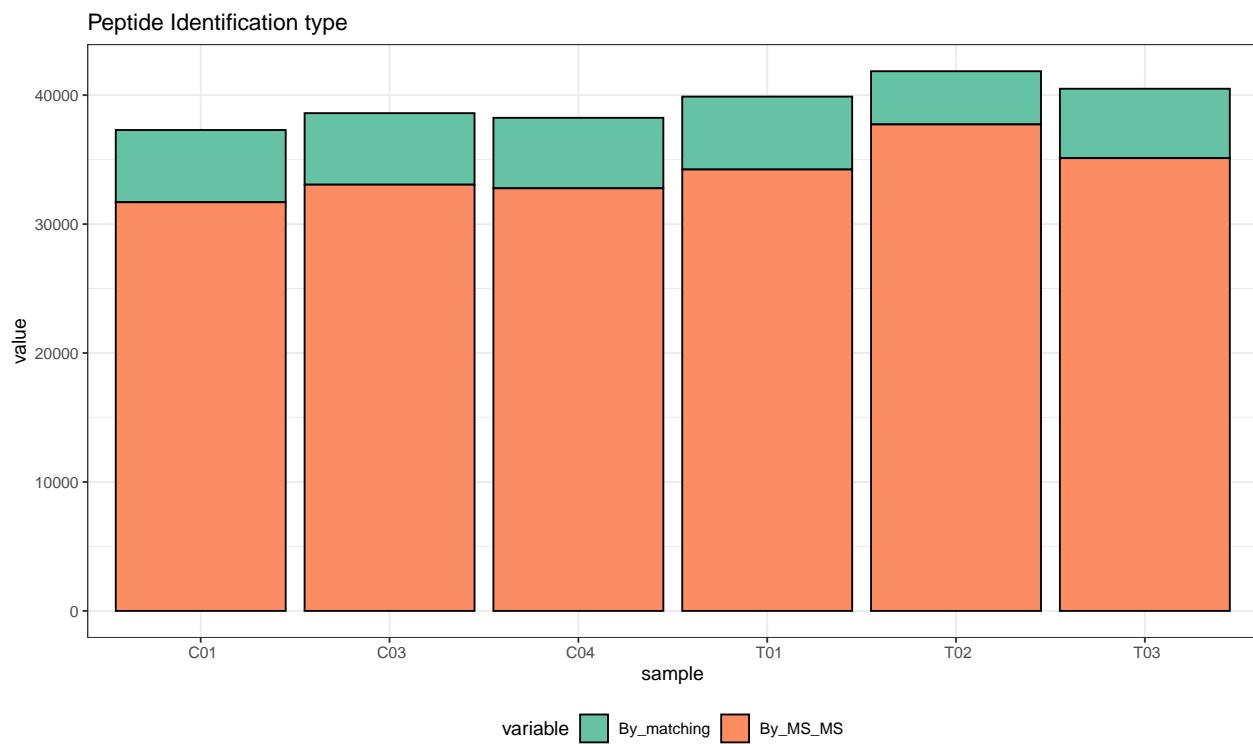
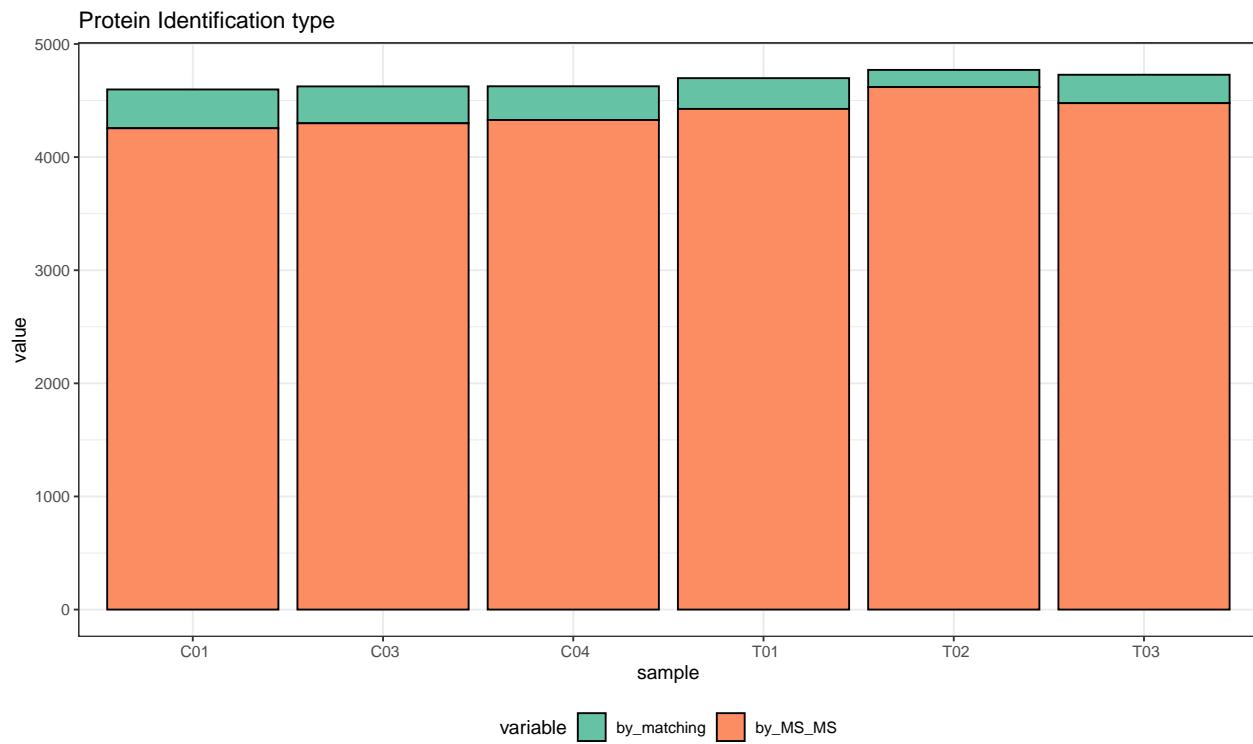


GRAYV score

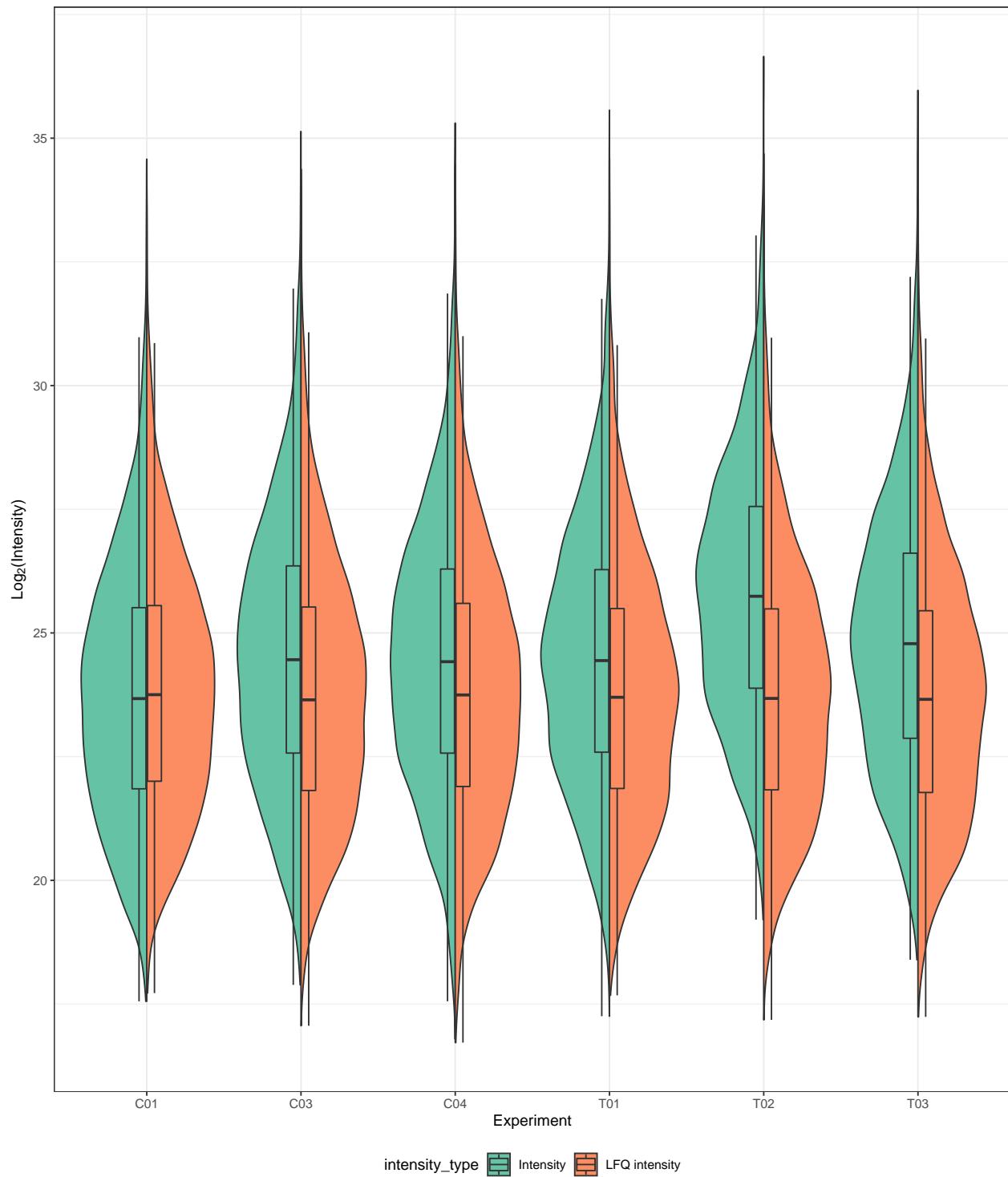




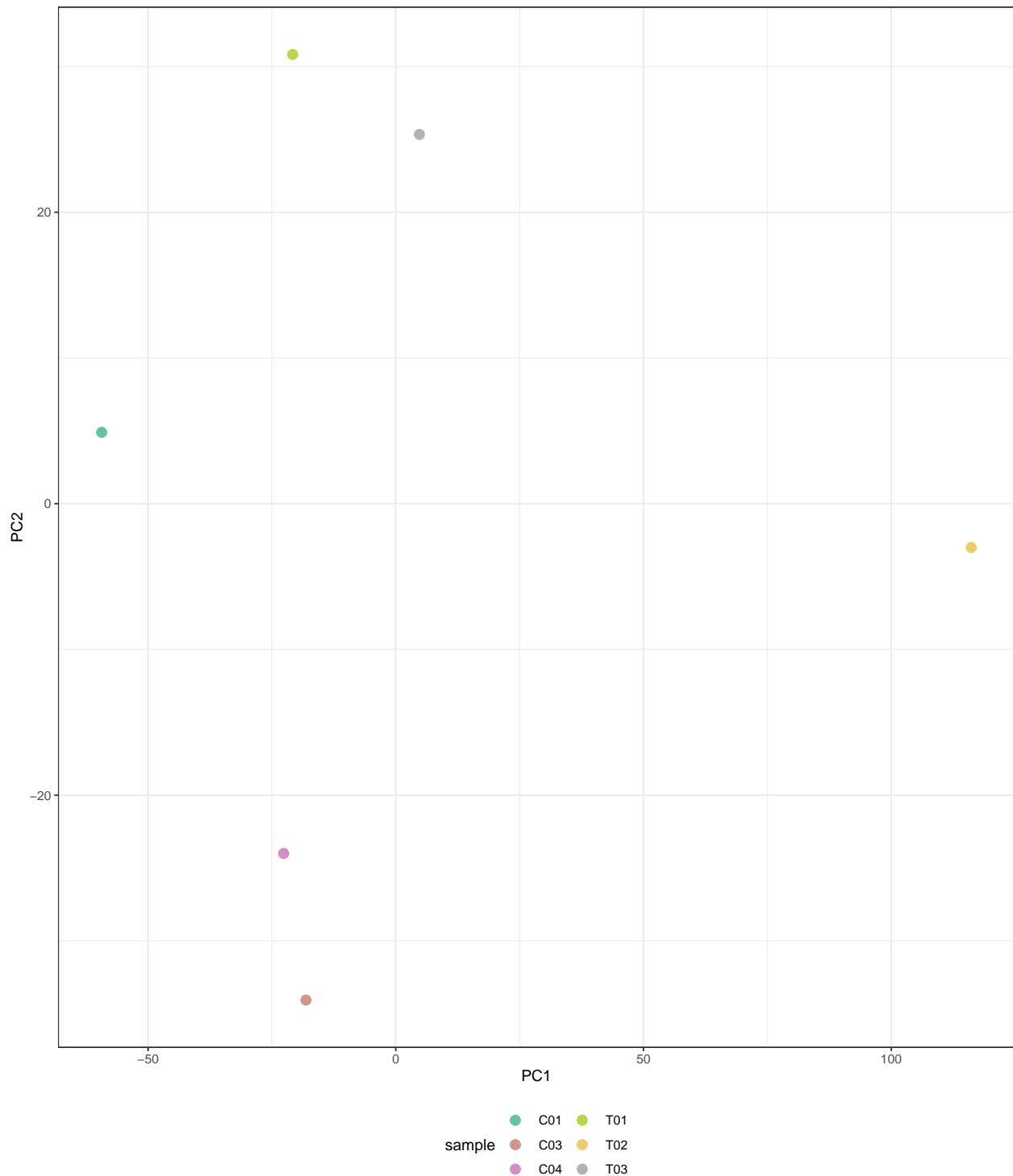
Score



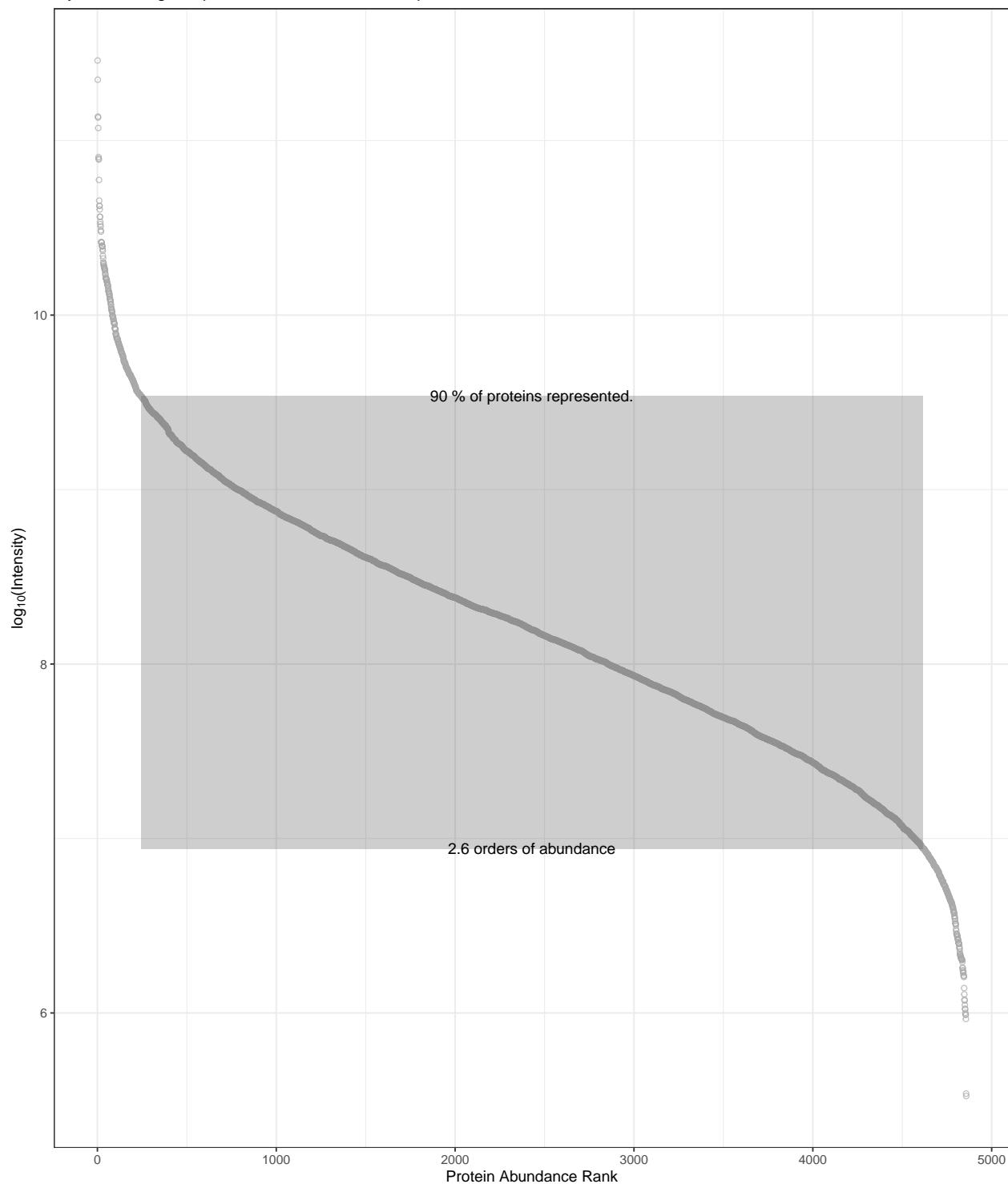
Protein Intensity & LFQ intensity

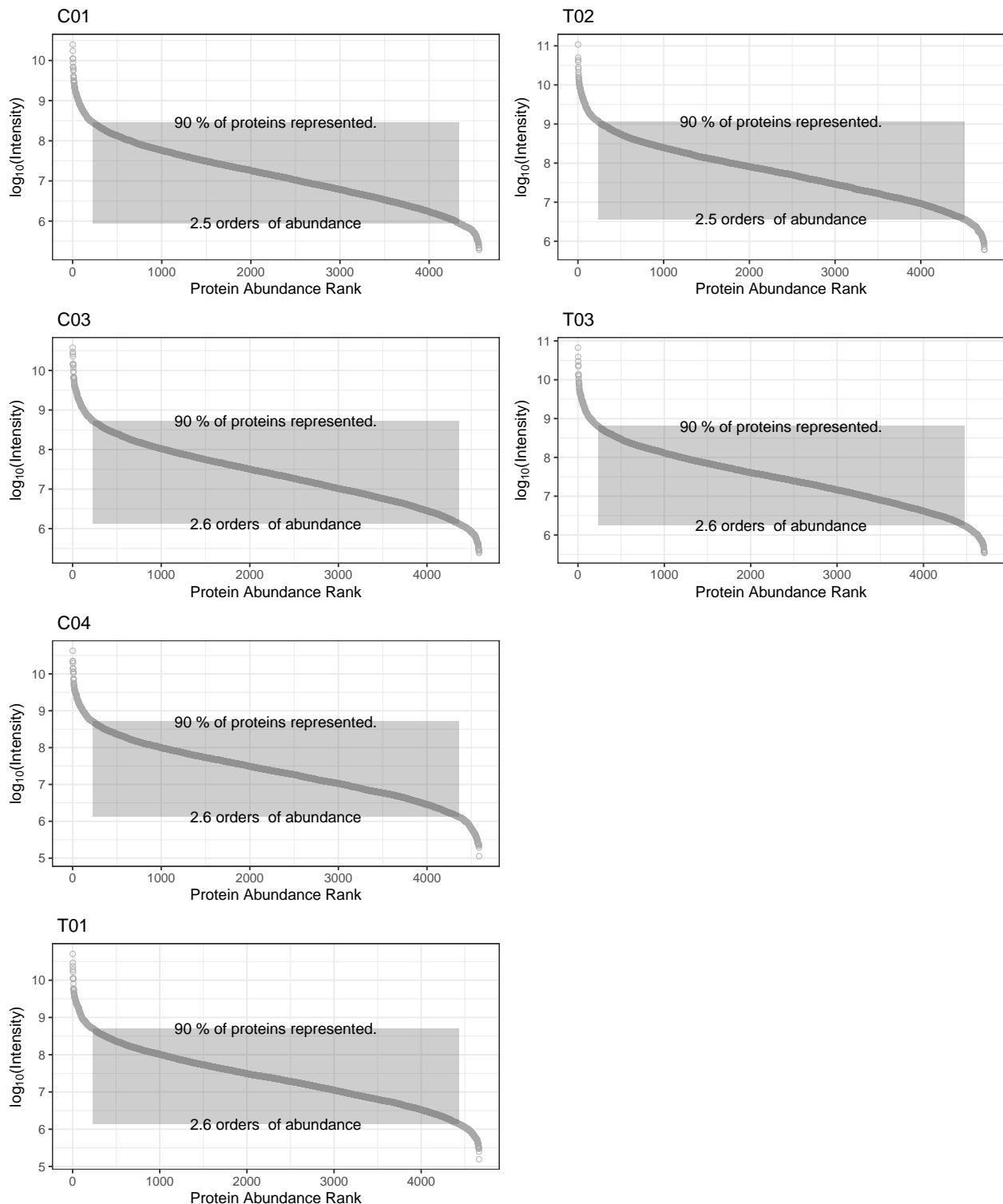


PCA of intensity



Dynamic range of protein abundance all samples

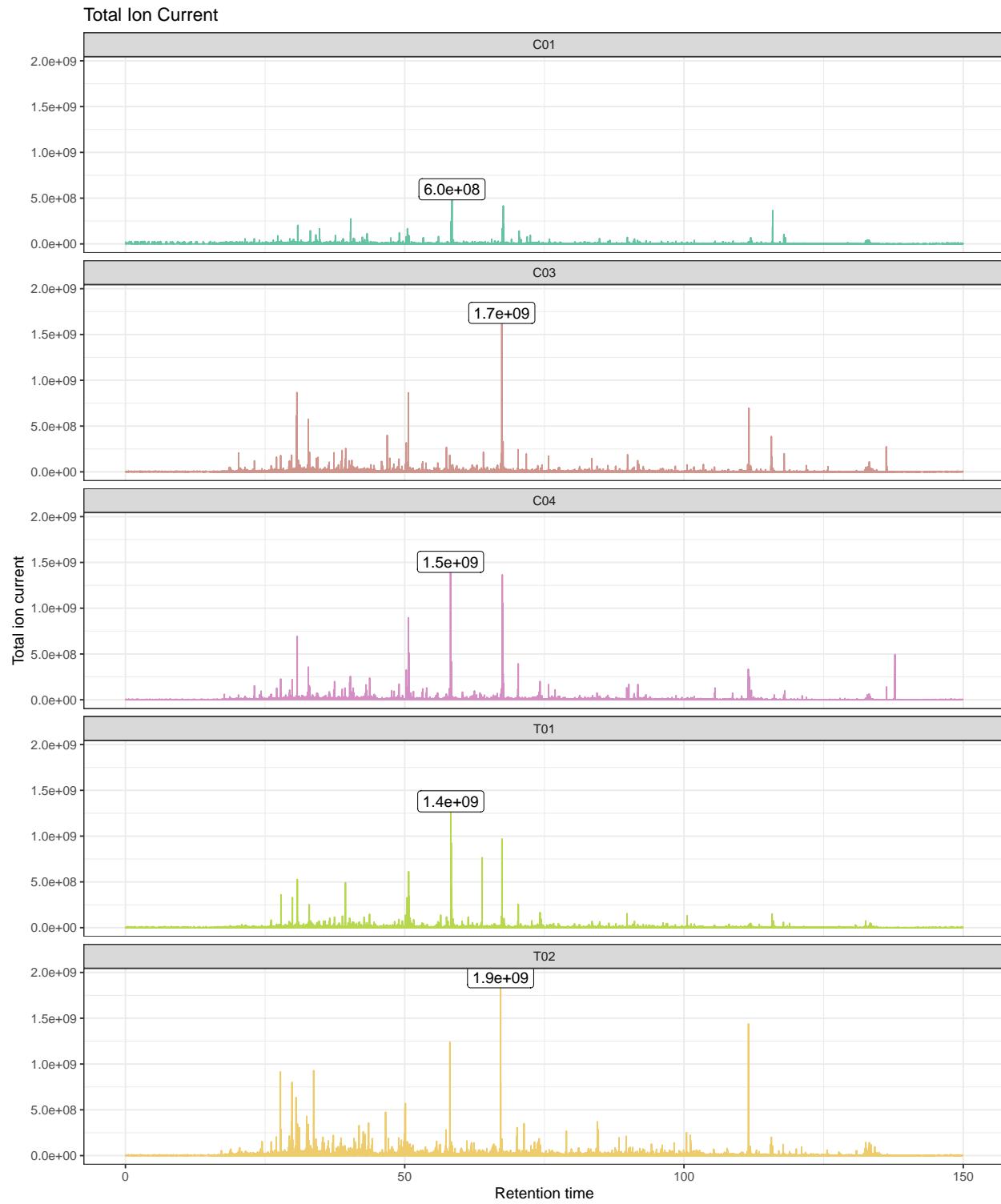


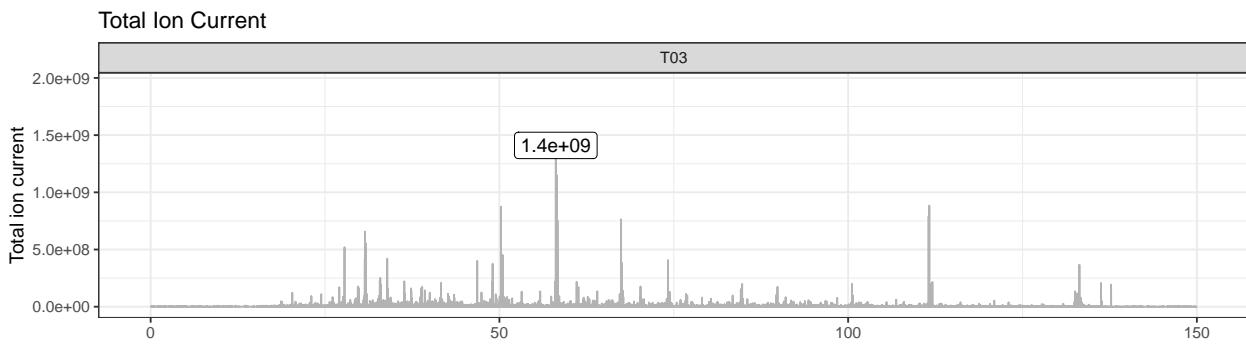


```
## [1] "No UniprotID provided."
```

```
## [1] "No iRT peptides found in the MaxQuant output."
```

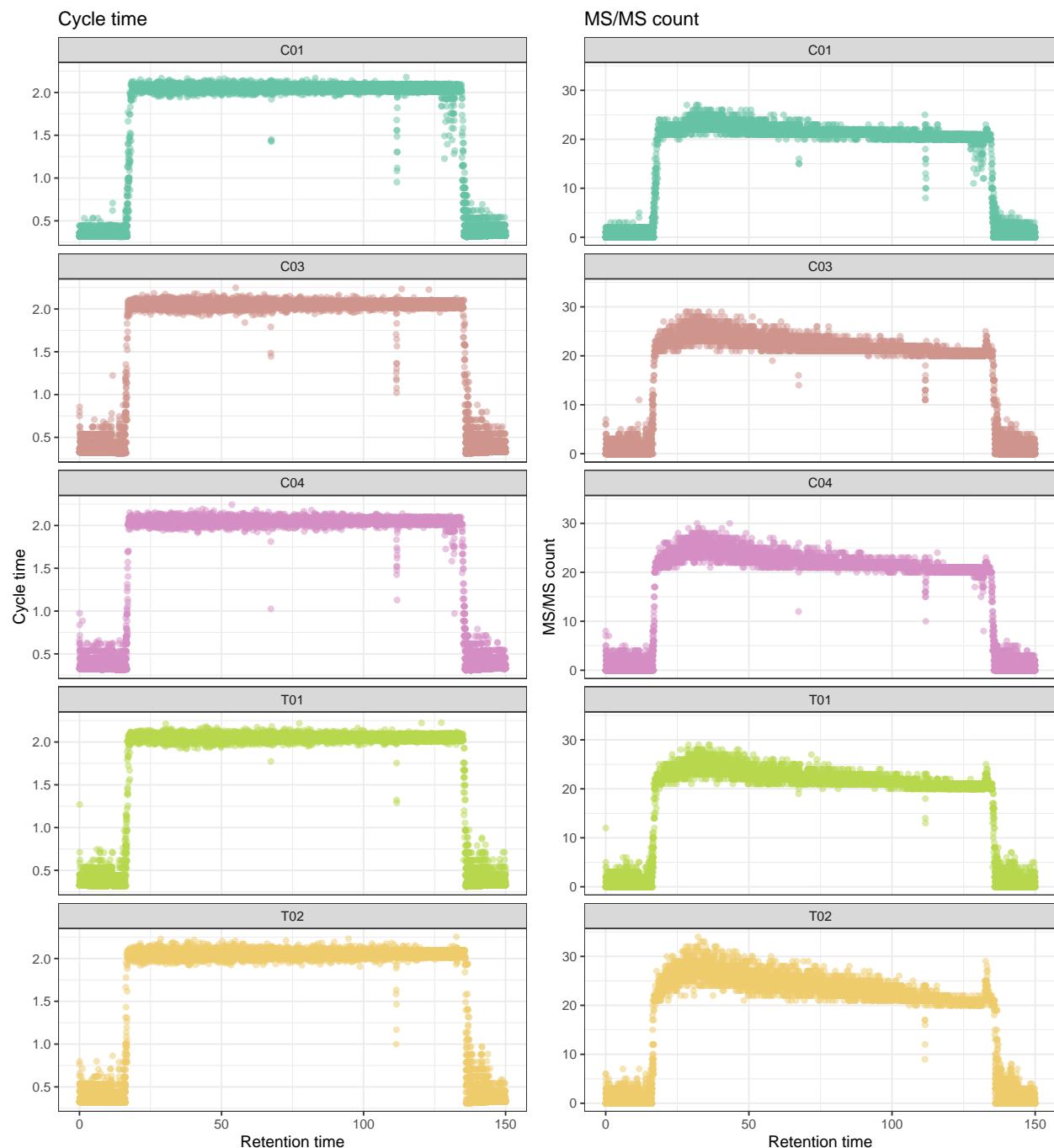
```
## [1] "No iRT peptides found in the MaxQuant output."
```





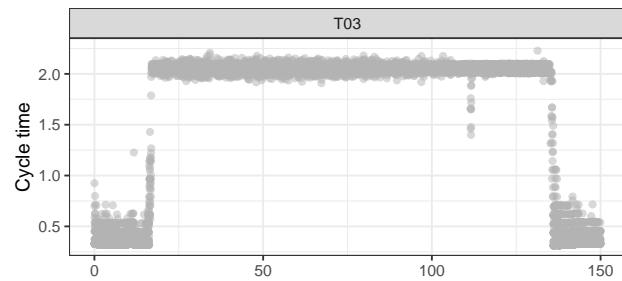
Retention time

Acquisition Cycle

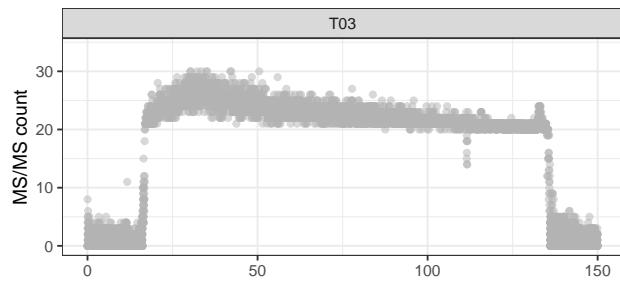


Acquisition Cycle

Cycle time



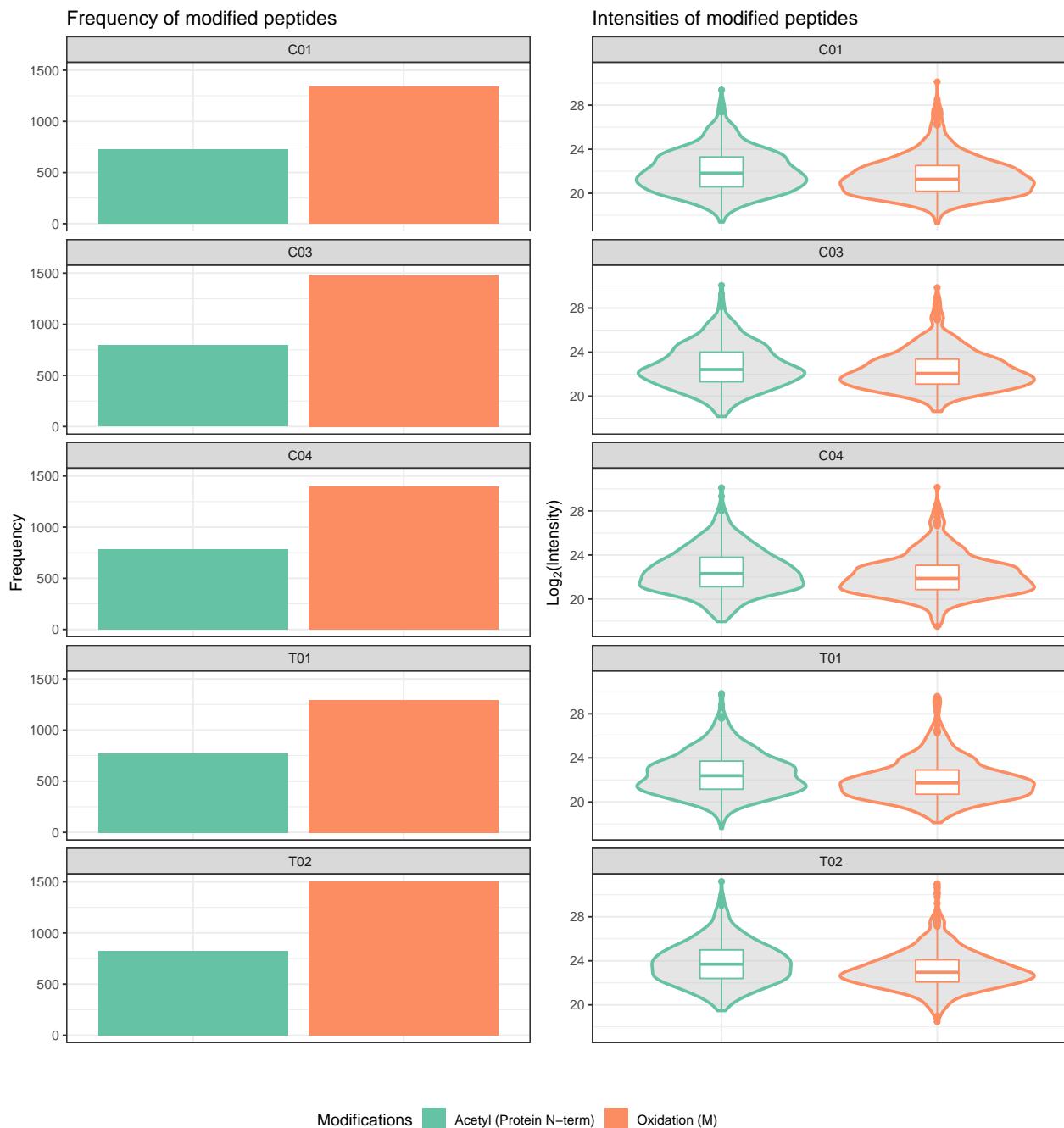
MS/MS count



Retention time

Retention time

Post-Translational Modifications



Post-Translational Modifications

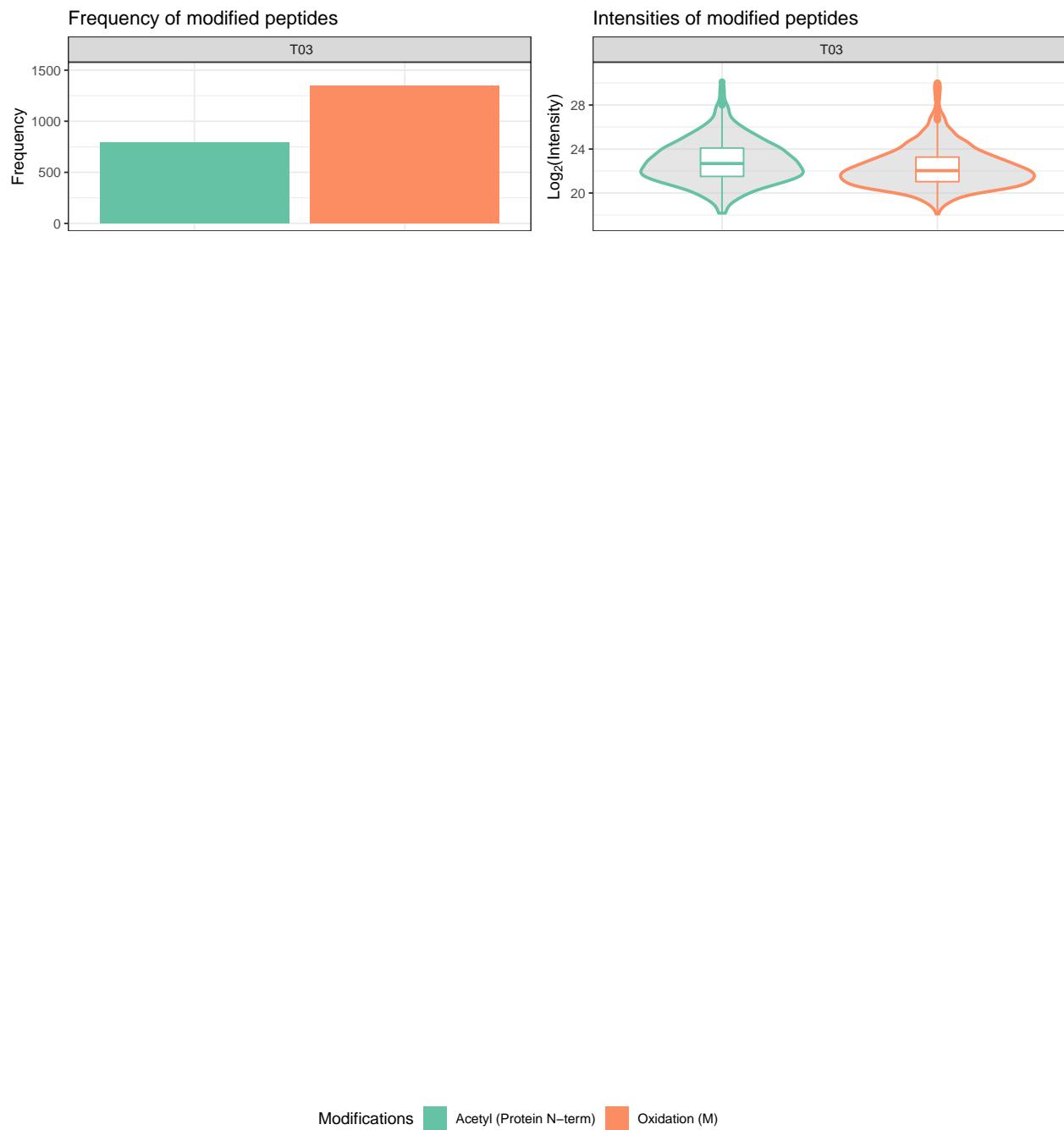


Table 1: Protein Information

Experiment	Proteins Identified	Missing values	Potential contaminants	Reverse	Only identified by site
C01	4608	324	42	0	7
C03	4642	290	42	0	12
C04	4644	288	43	0	14
T01	4709	223	36	0	10
T02	4796	136	41	0	14
T03	4762	170	45	0	14

Table 2: Information of: 2 Intensity

Experiment	mean	sd	median	min	max	n
C01	26.48	29.16	23.67	17.55	34.54	4608
C03	27.39	29.99	24.45	17.89	35.13	4642
C04	27.28	29.91	24.42	16.79	35.31	4644
T01	27.27	30.05	24.43	17.25	35.57	4709
T02	28.43	31.07	25.74	19.21	36.65	4796
T03	27.63	30.43	24.78	18.40	35.97	4762

Table 3: Charge Information

Experiment	1	2	3	4	5	6	7
C01	0.1	48.8	44.1	6.5	0.5	0.0	0.0
C03	0.1	48.7	43.8	6.8	0.6	0.0	0.0
C04	0.1	50.1	43.4	6.1	0.4	0.0	0.0
T01	0.1	48.2	44.0	7.0	0.6	0.0	0.0
T02	0.1	47.5	43.9	7.6	0.8	0.1	0.0
T03	0.1	48.3	43.9	7.0	0.6	0.0	0.0

Table 4: Peptide hydrophobicity (GRAVY)

Experiment	Mean	Max	Min	Median
C01	-0.26	2.54	-3.19	-0.24
C03	-0.27	2.54	-3.19	-0.25
C04	-0.28	2.54	-3.19	-0.26
T01	-0.27	2.54	-3.19	-0.25
T02	-0.27	2.54	-3.19	-0.25
T03	-0.27	2.54	-3.17	-0.25