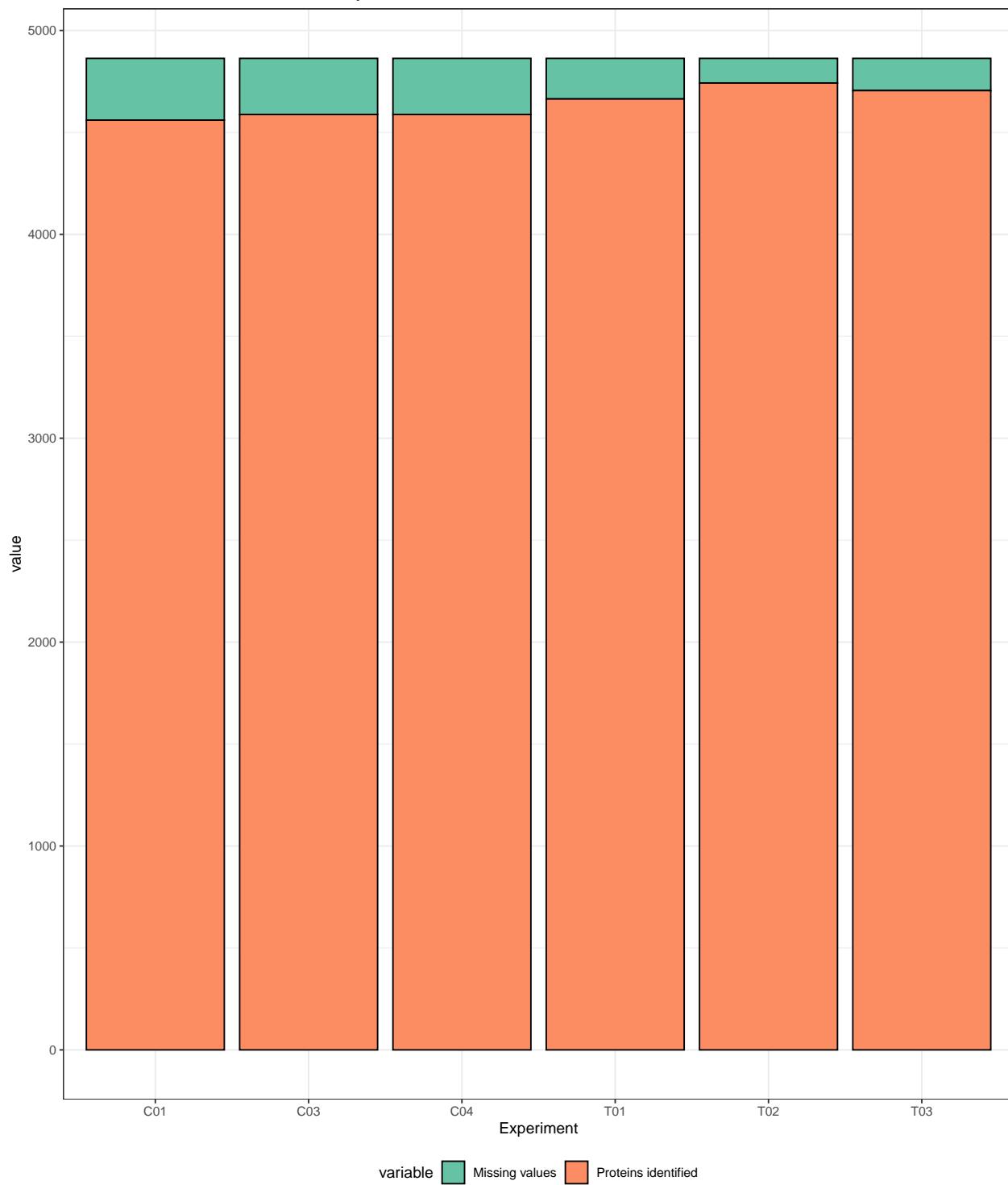


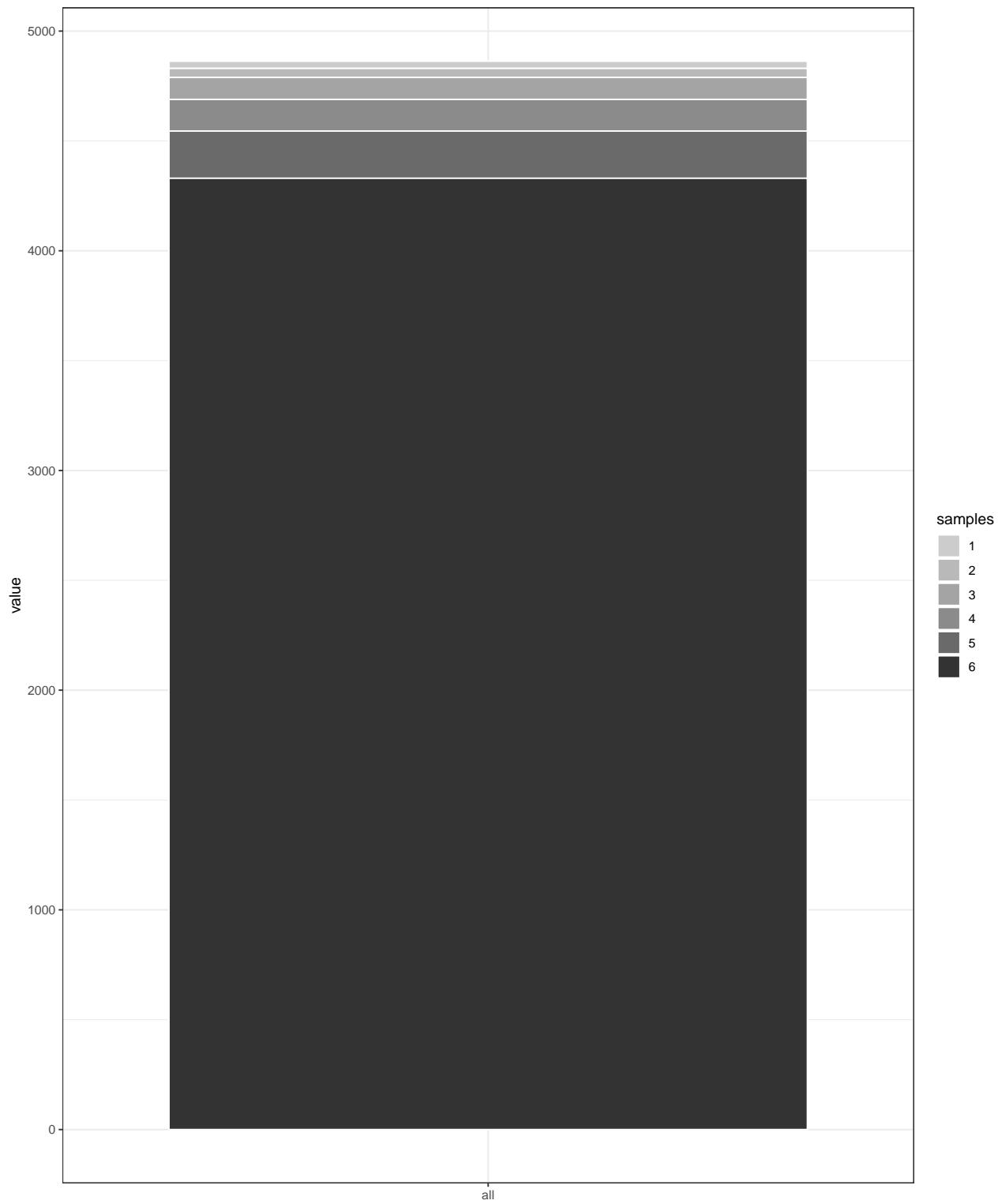
MQmetrics Report

01 April, 2021

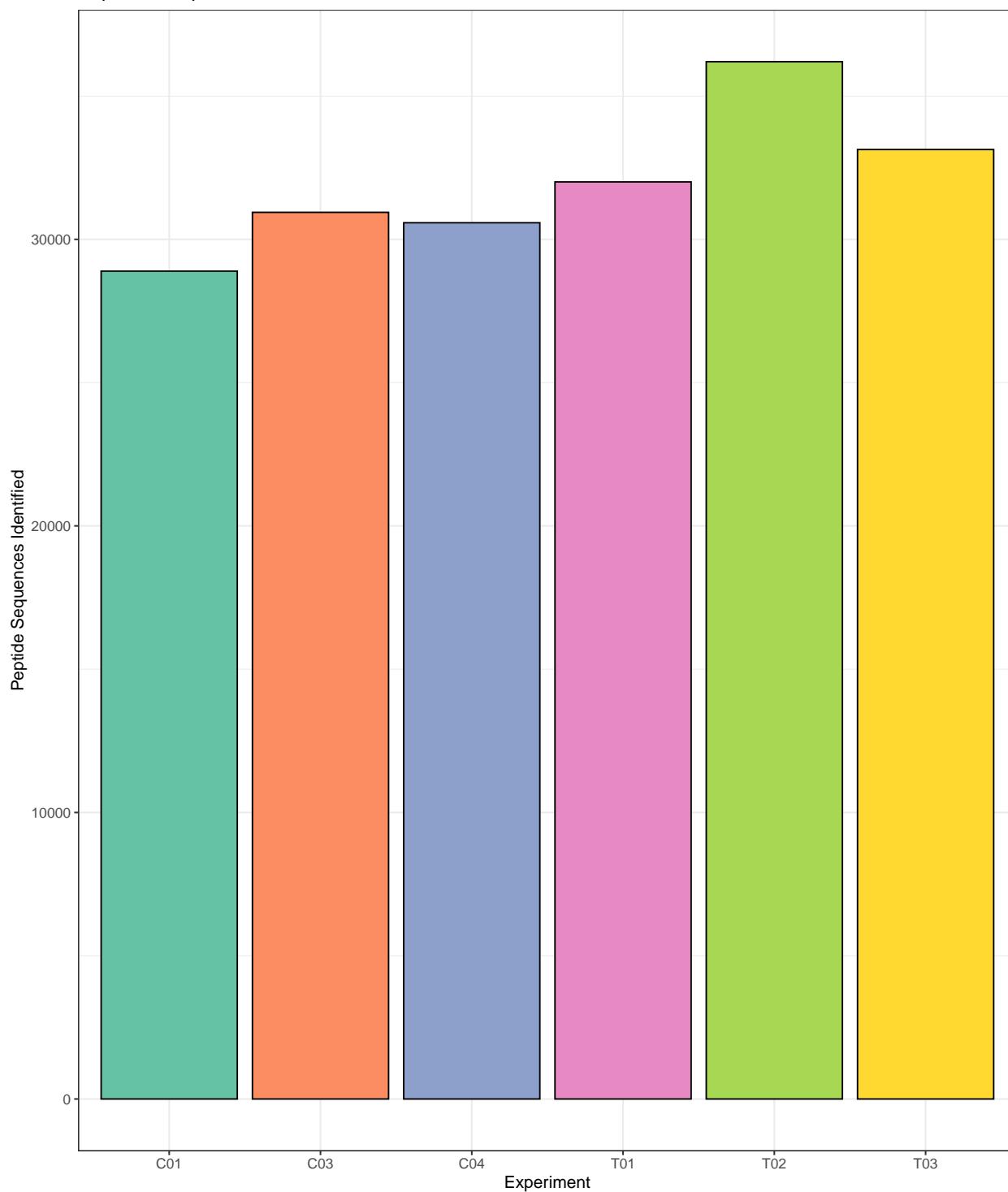
```
## [1] "The experiment started the day: 17/12/2020 at the time: 01:18:03."
## [1] "The whole experiment lasted: 01:19 (hours:minutes)."
## [1] "The MaxQuant version used was: 1.6.12.0"
## [1] "The user was: marek.vrbacky"
## [1] "The machine name was: FGU045PC004"
## [1] "The protein FDR was: 0.01"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

Proteins Identified based on Intensity

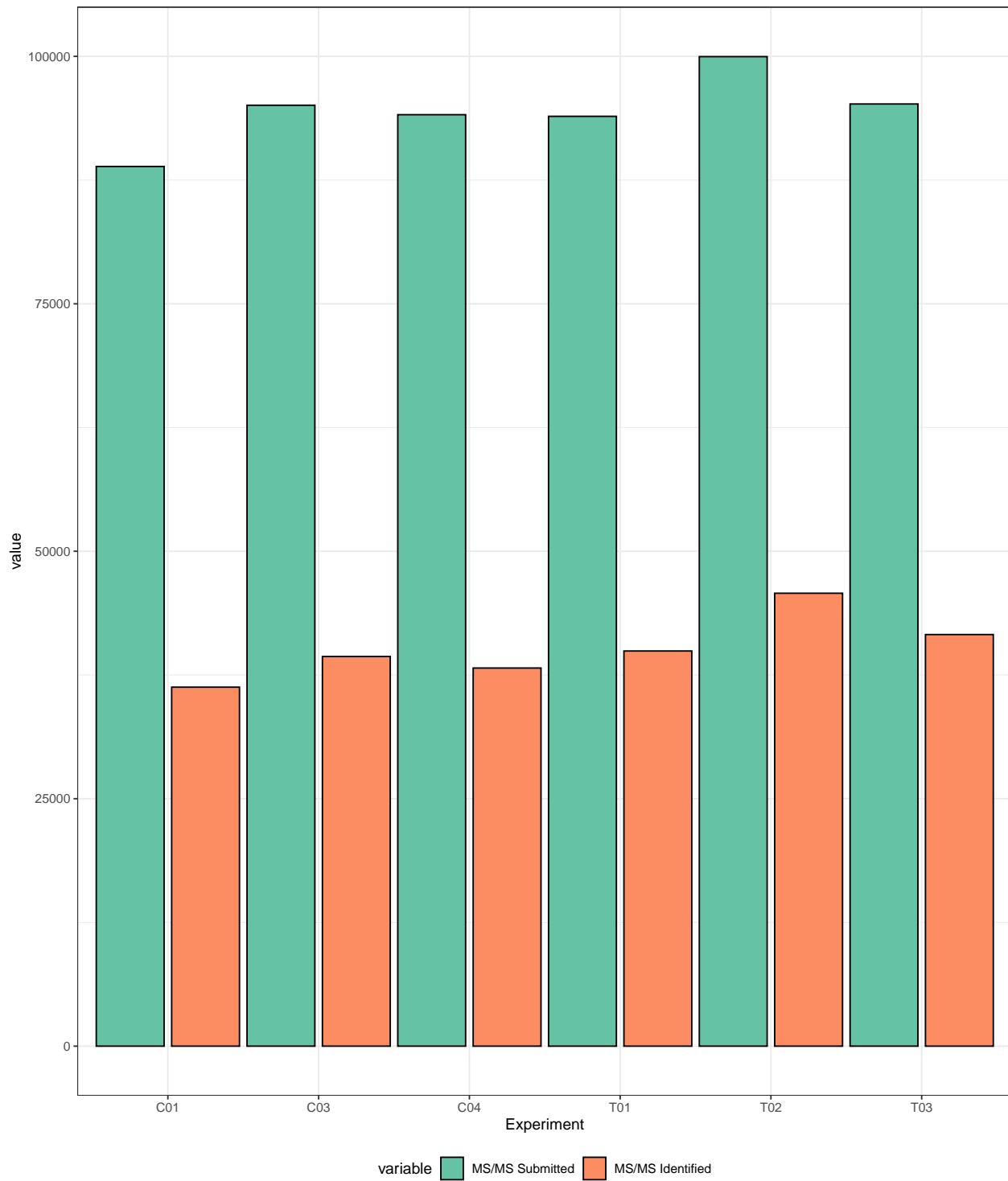




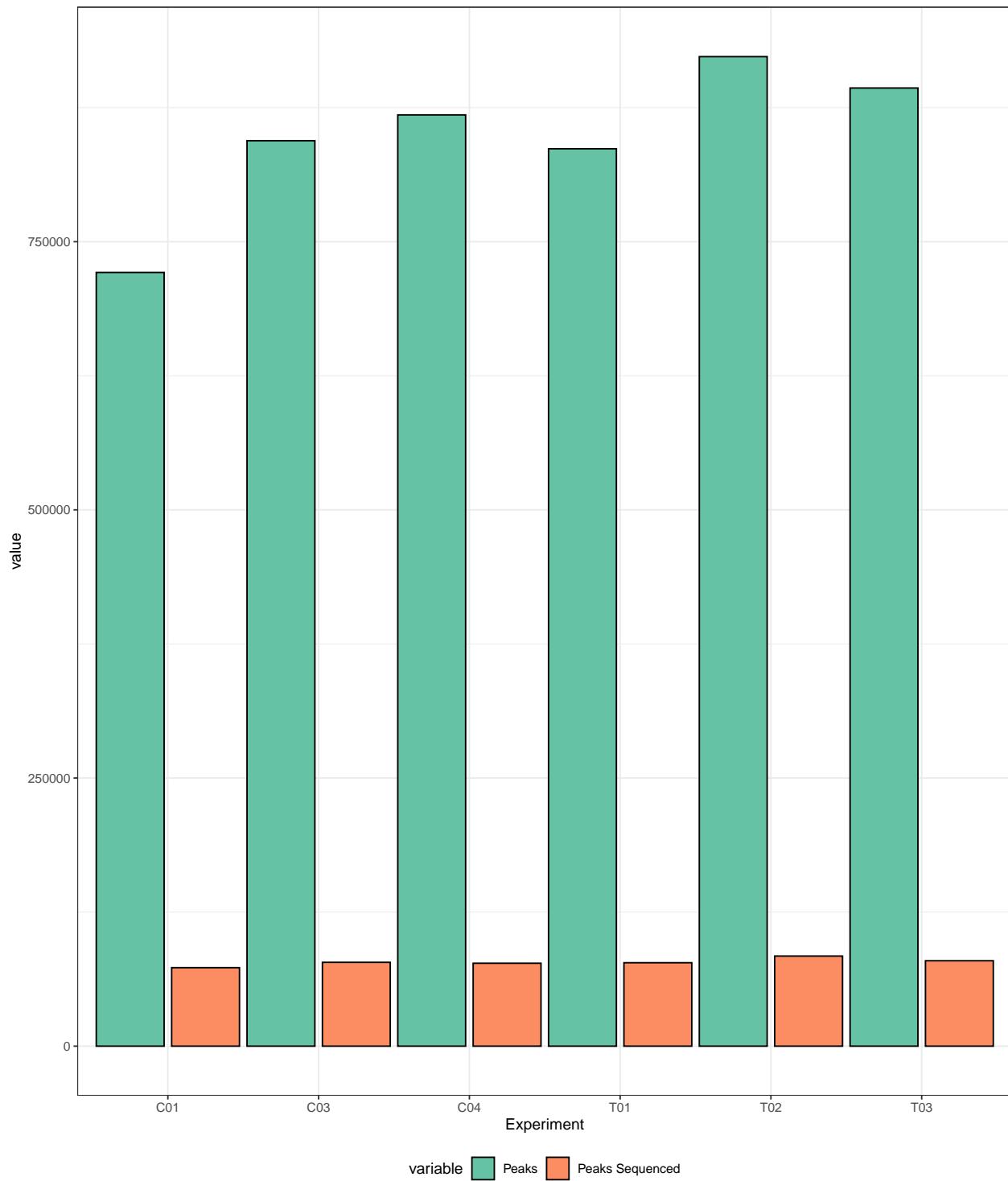
Peptides Sequences Identified

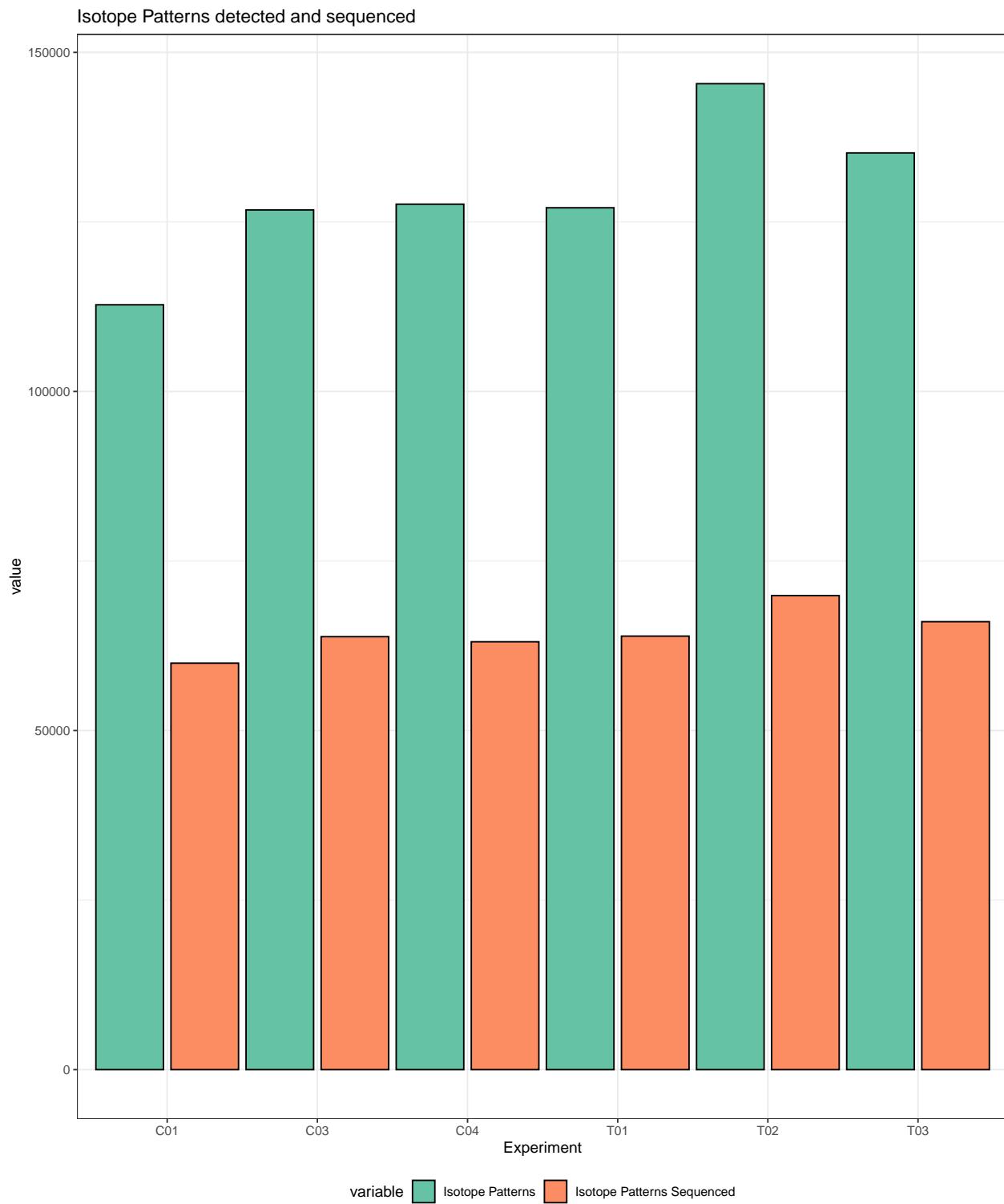


MS/MS Submitted and Identified

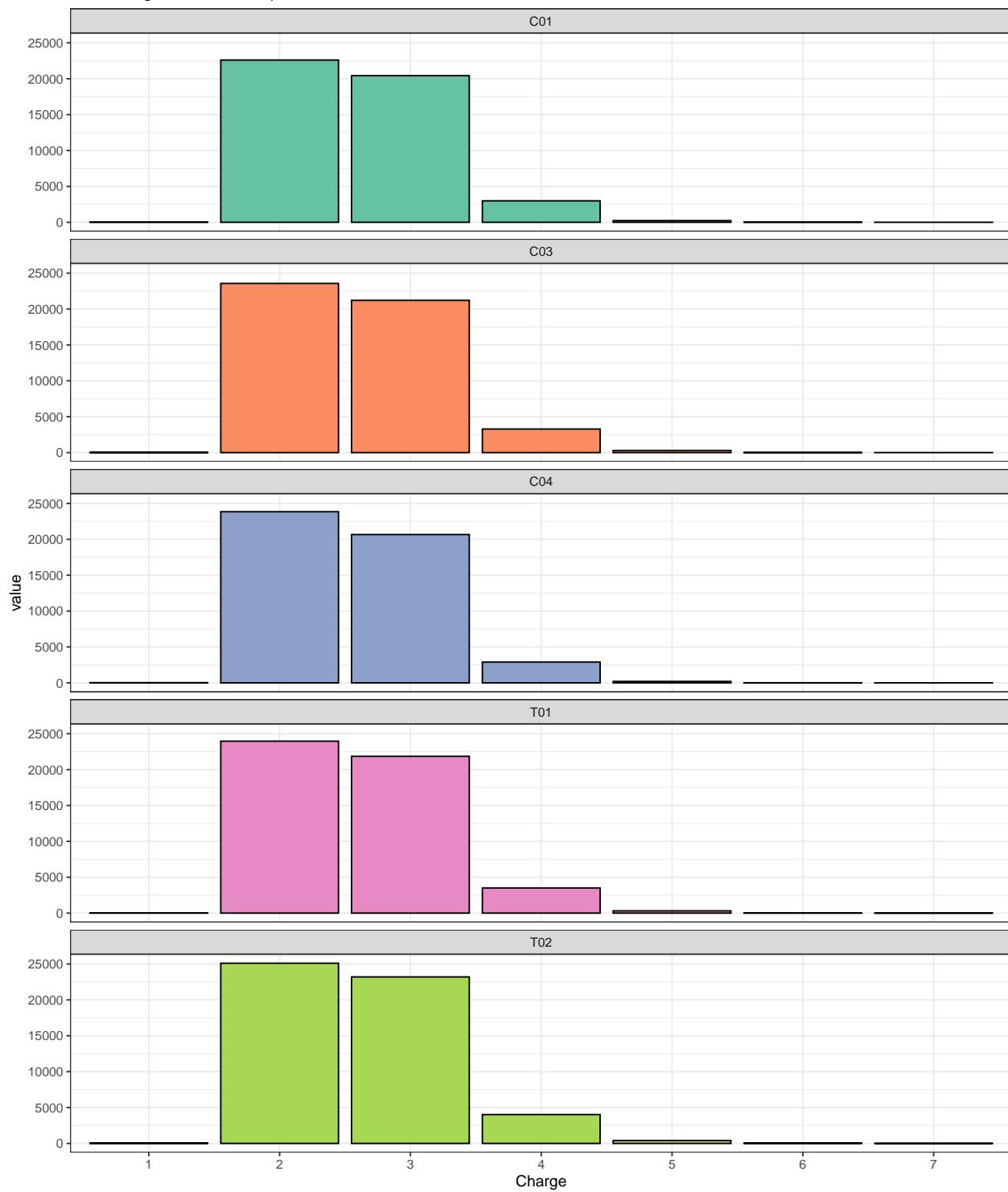


Peaks detected and sequenced in the full scans

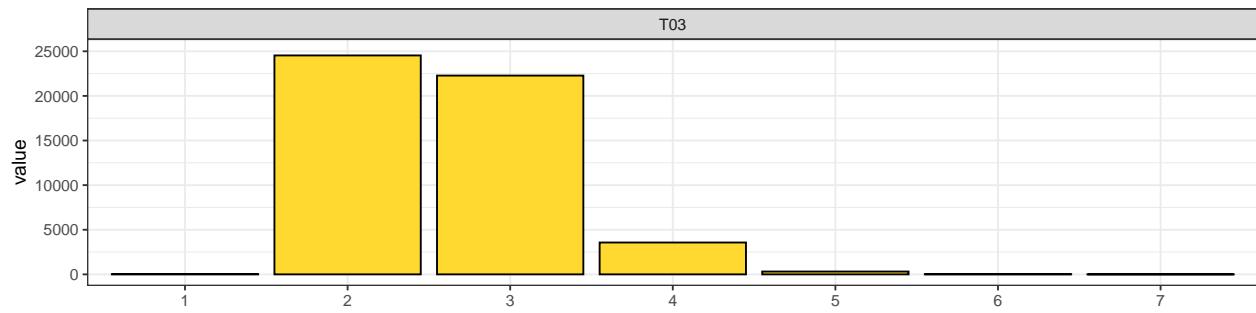




The charge-state of the precursor ion.

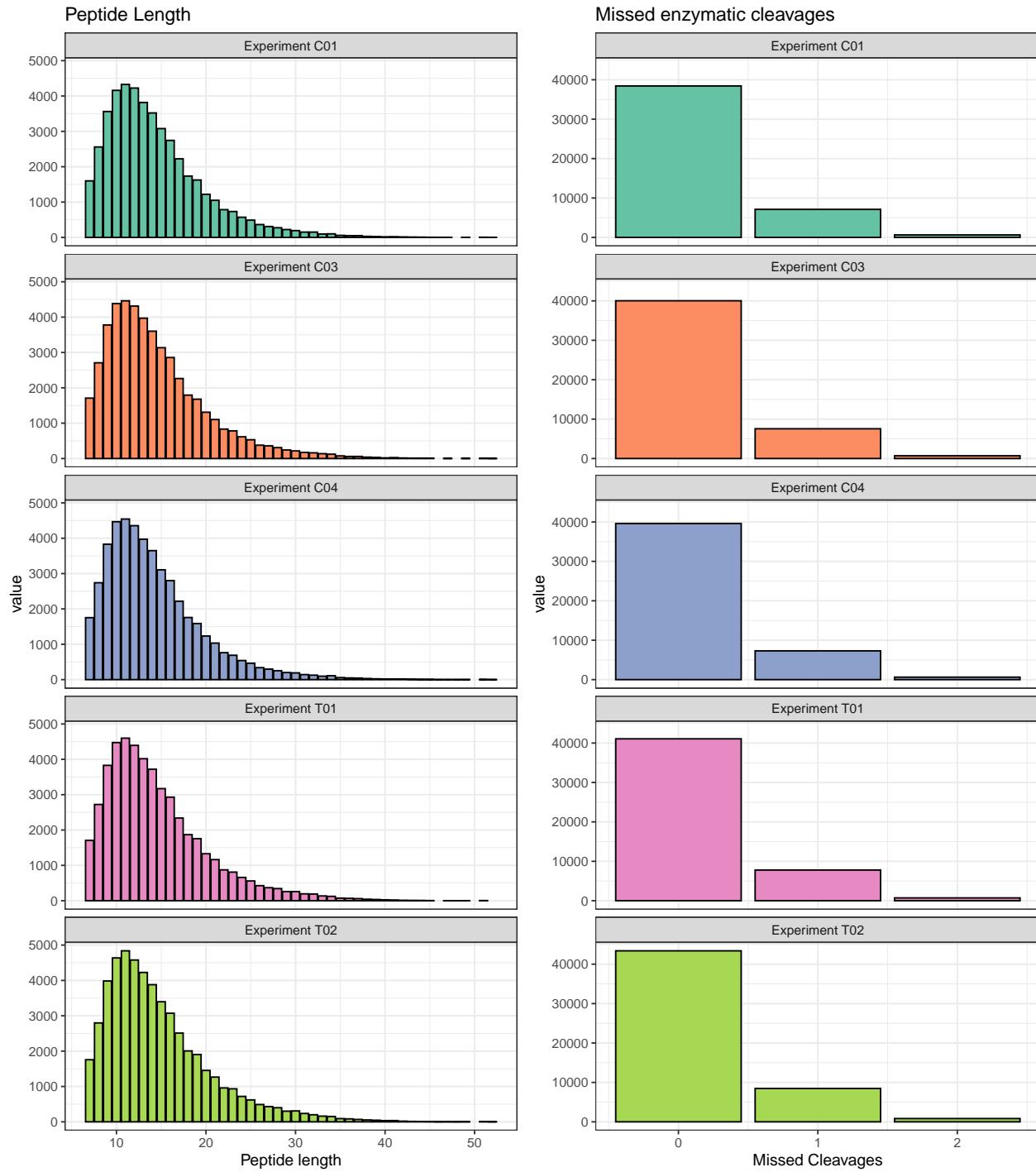


The charge-state of the precursor ion.

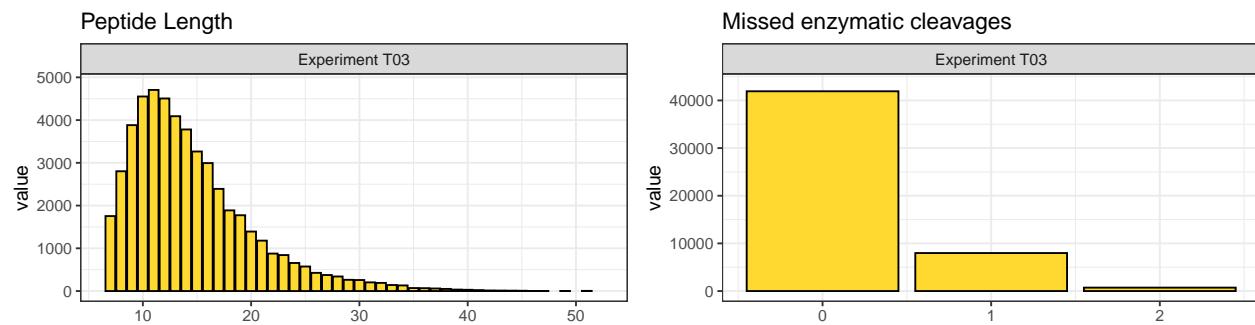


Charge

Protease Specificity

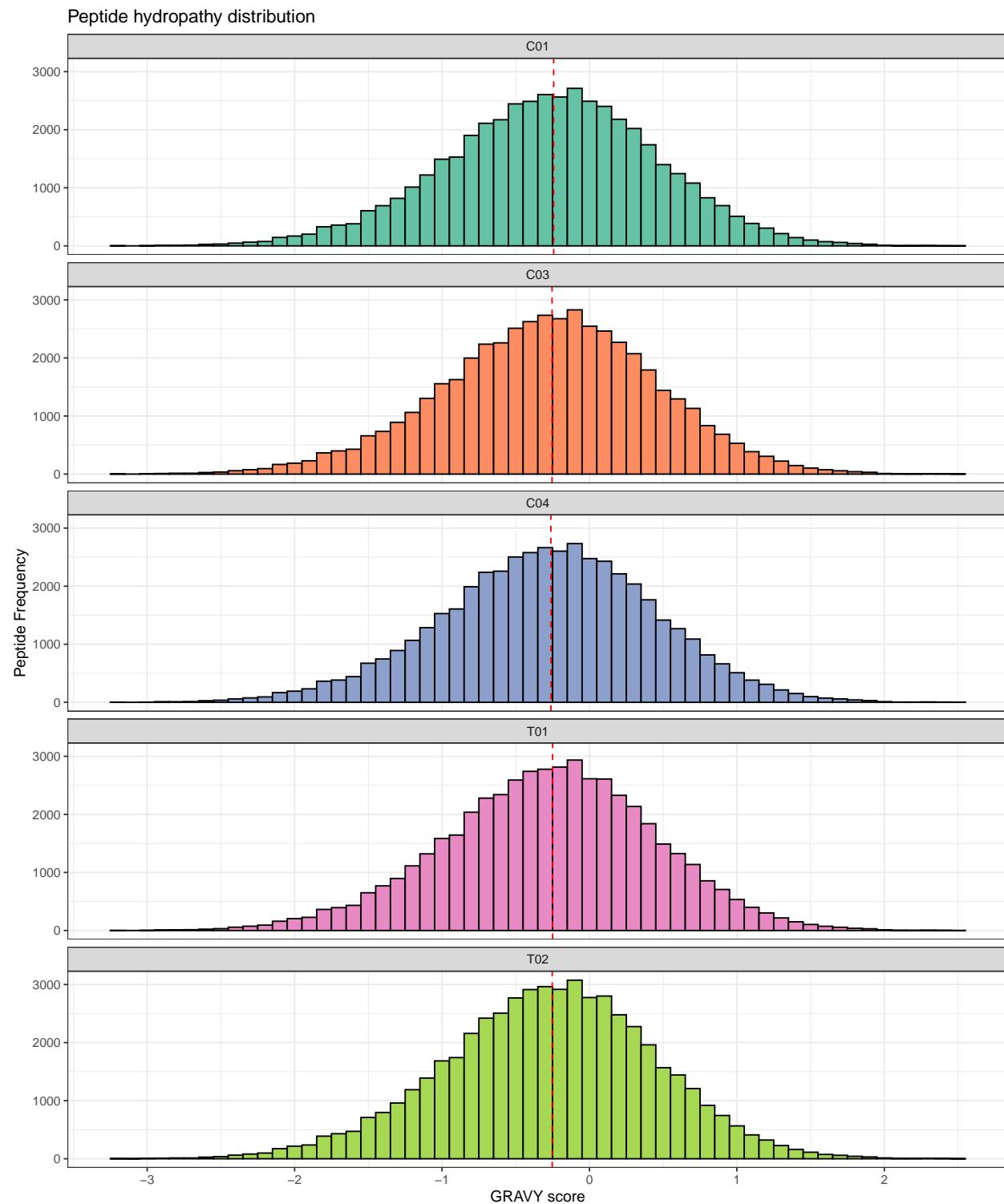


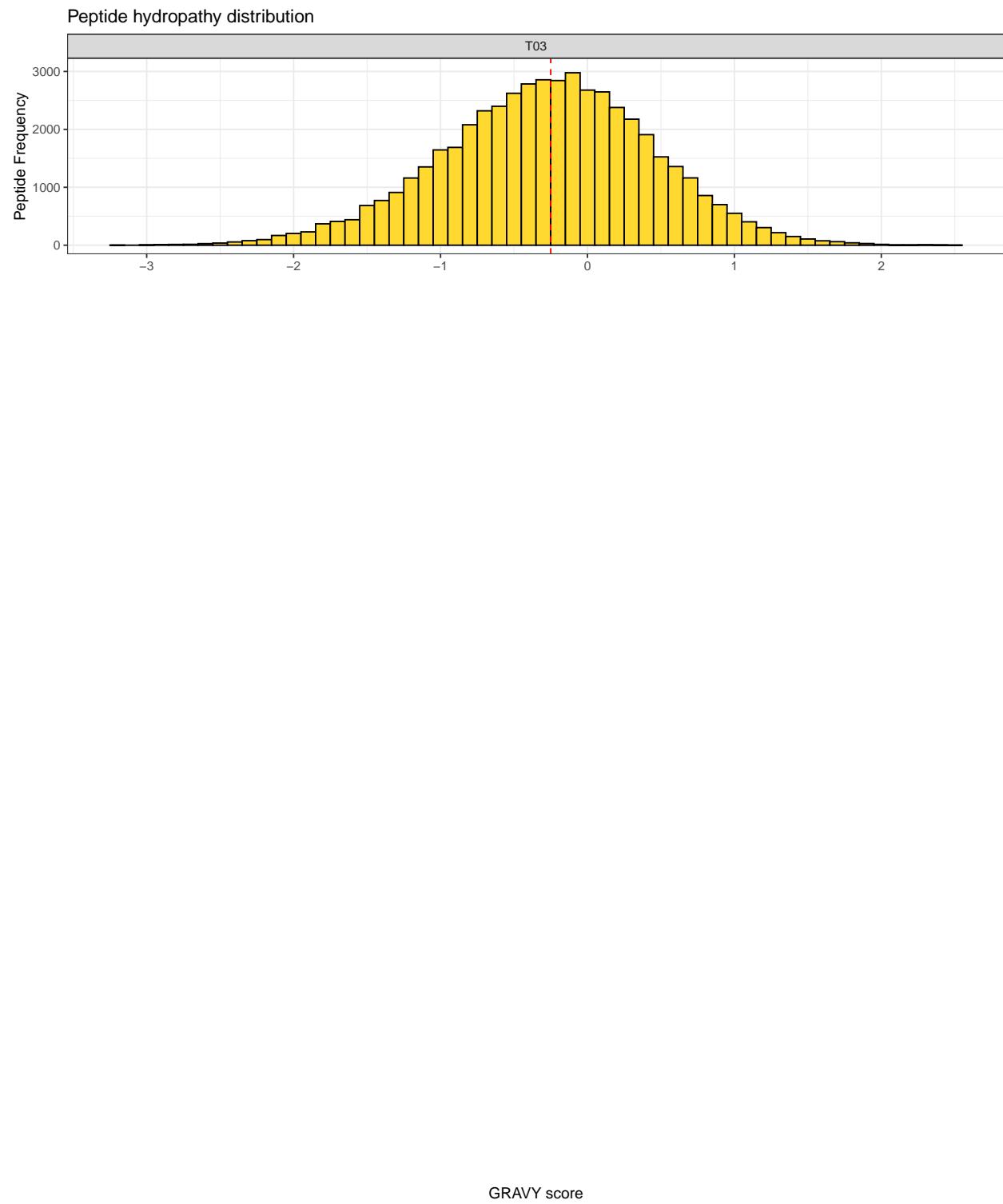
Protease Specificity

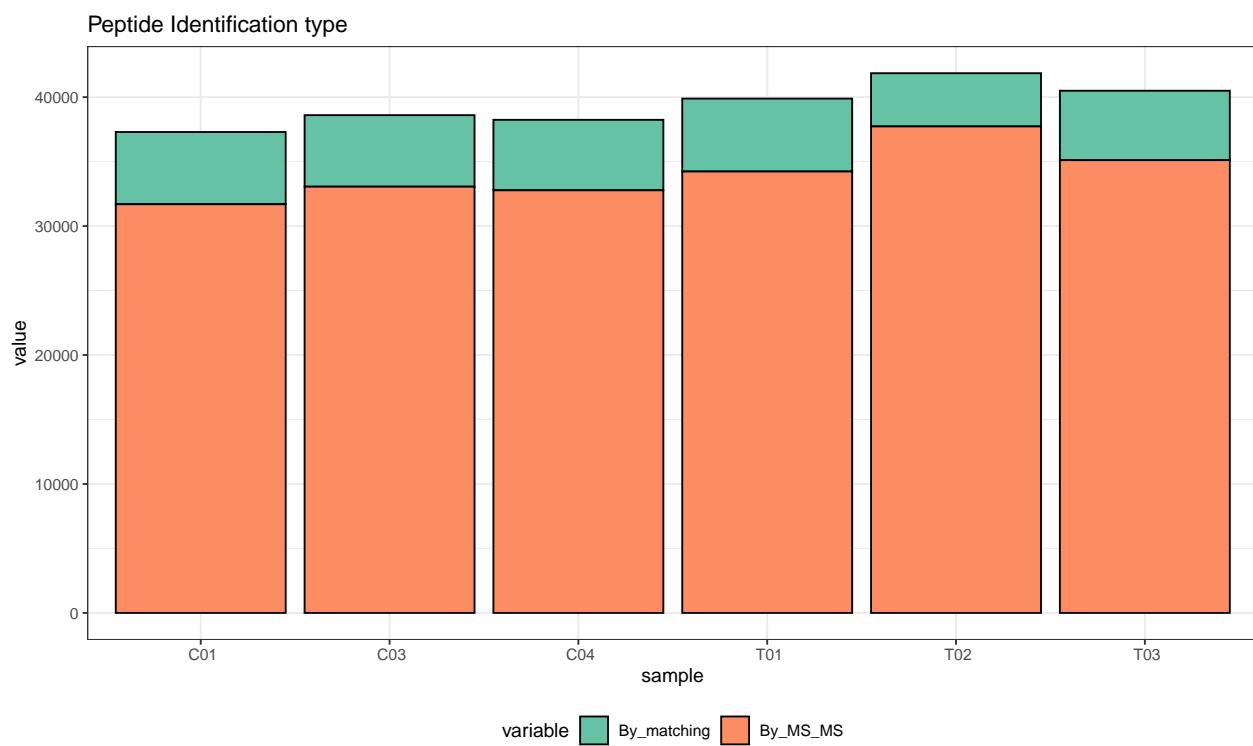
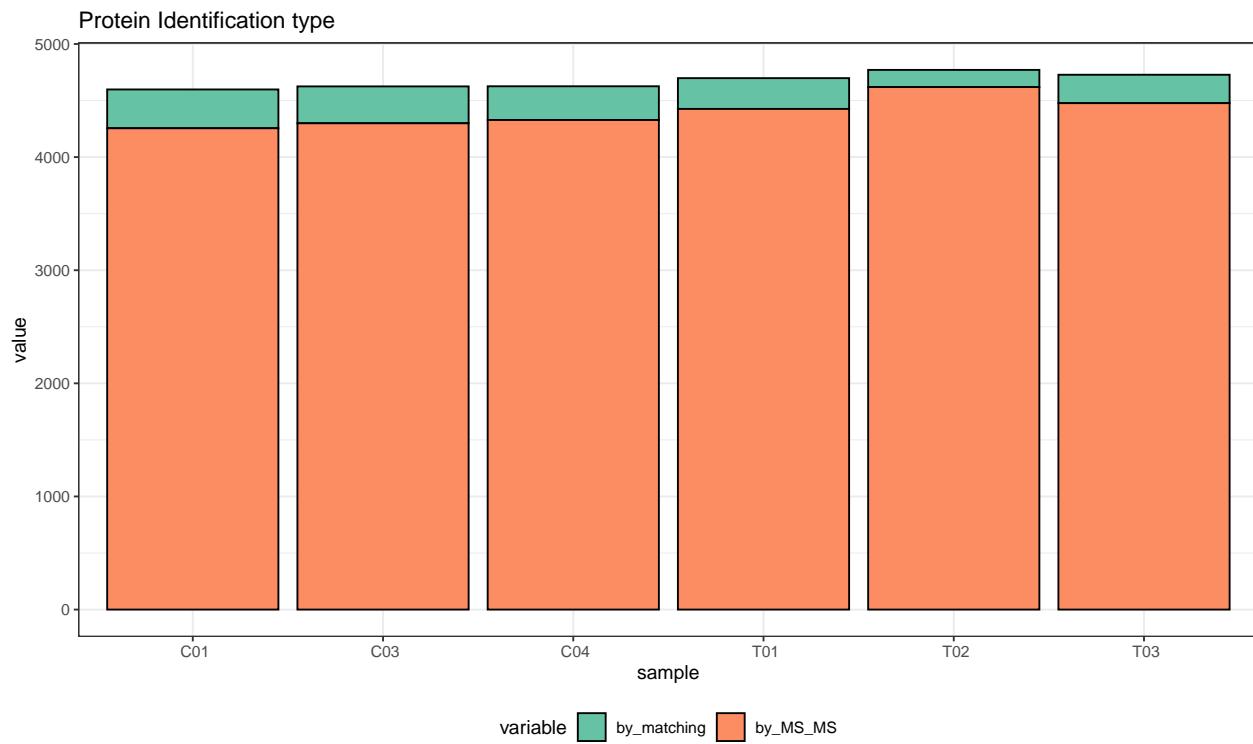


Peptide length

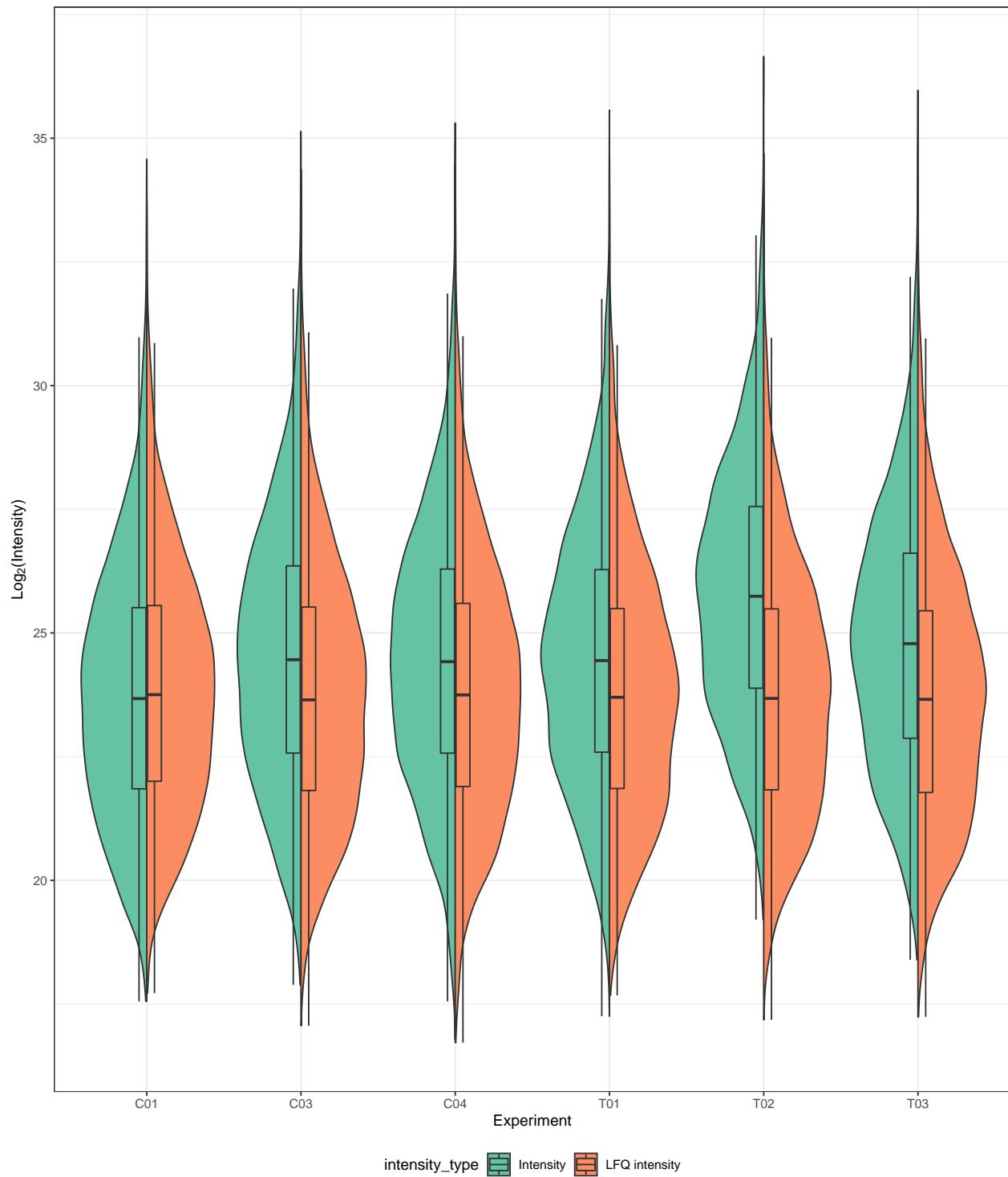
Missed Cleavages



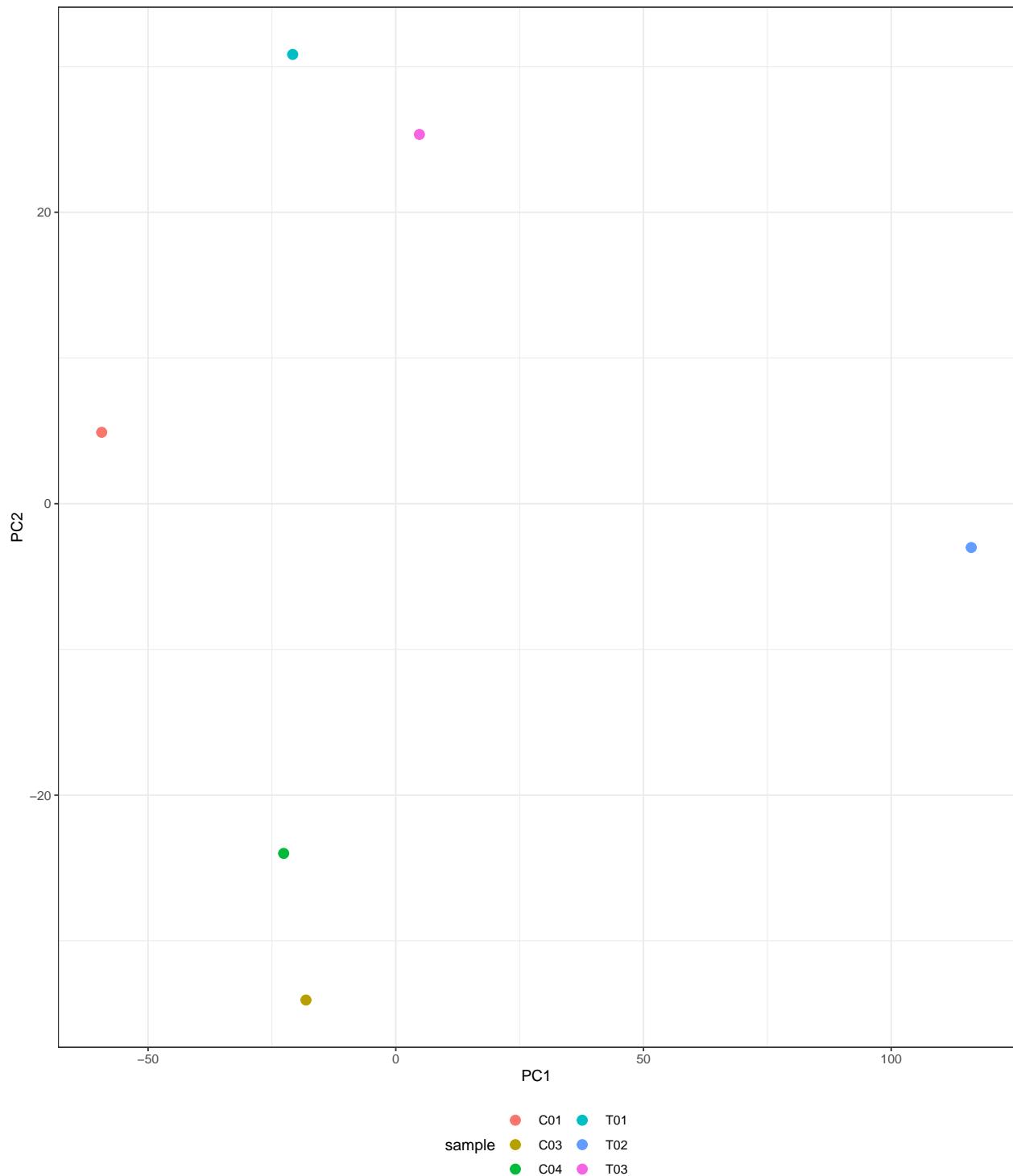




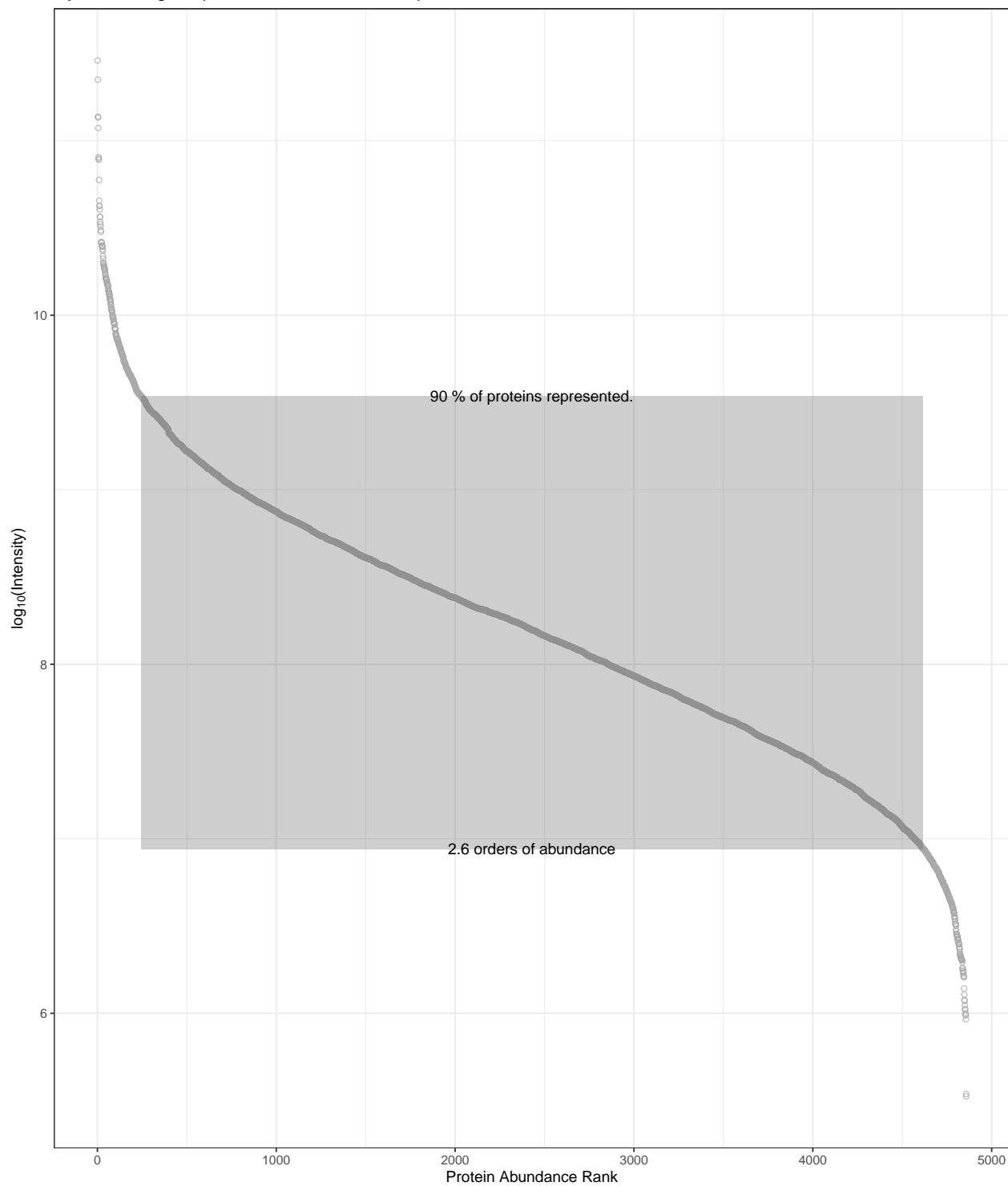
Protein Intensity & LFQ intensity

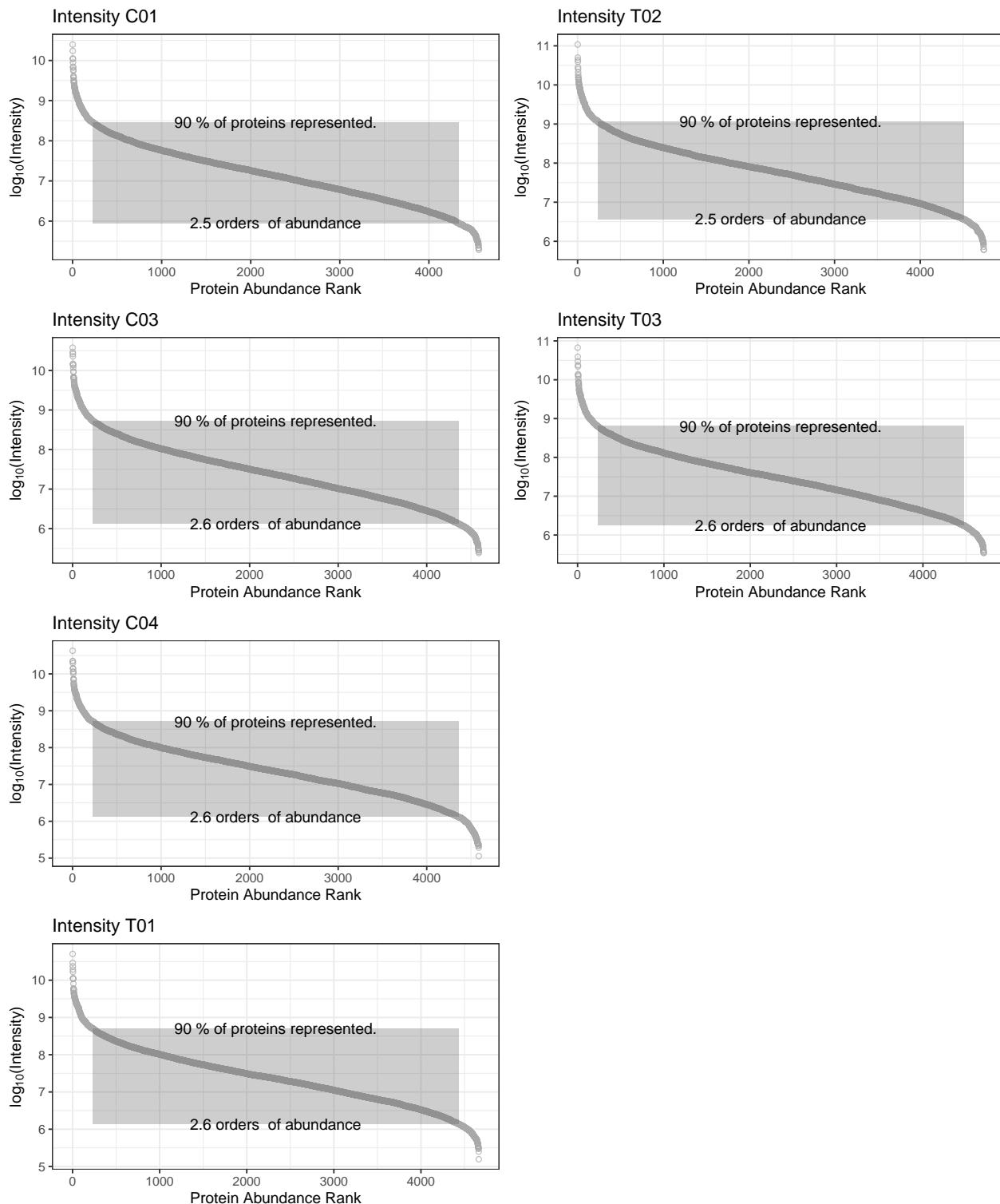


PCA of intensity



Dynamic range of protein abundance all samples

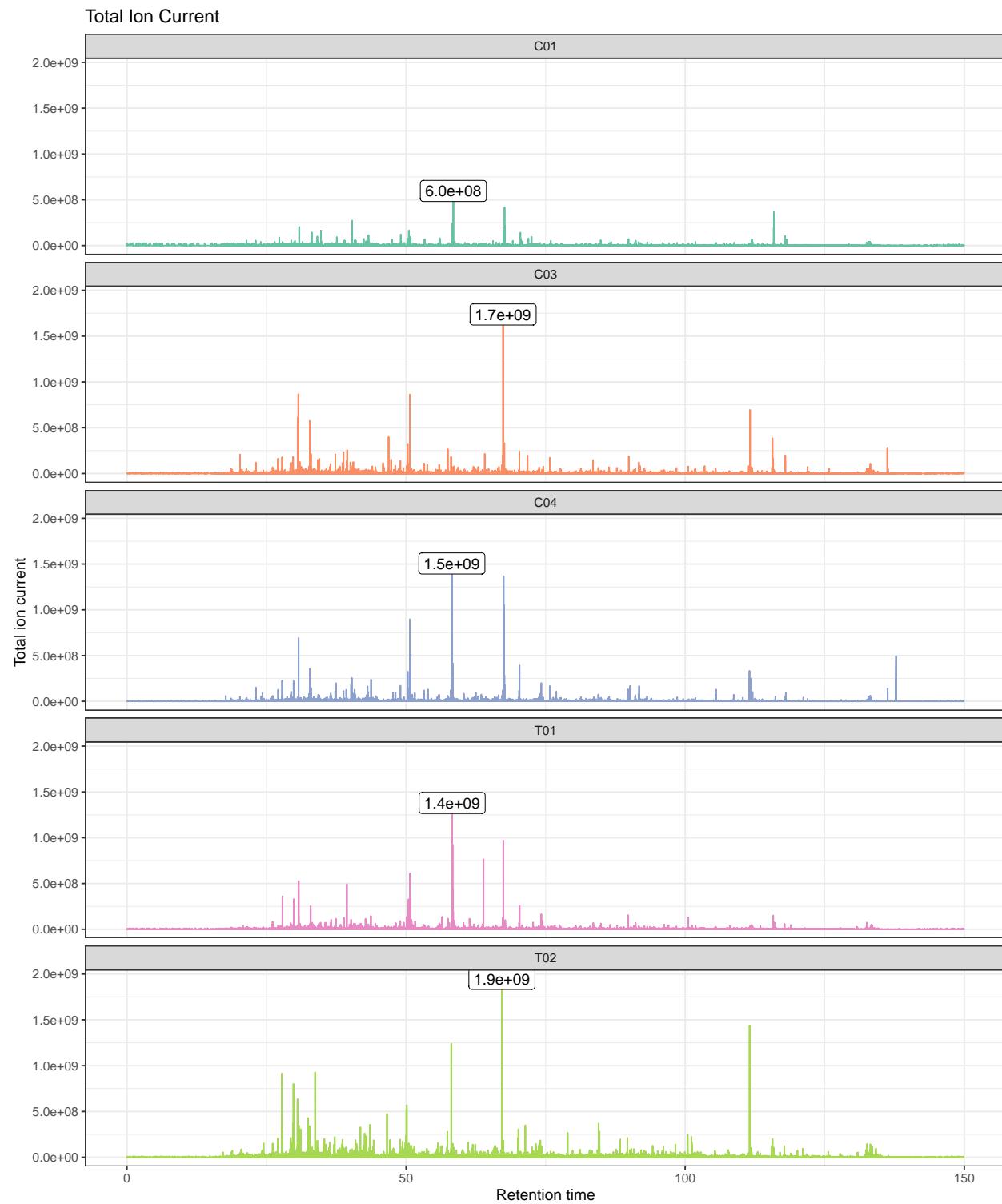


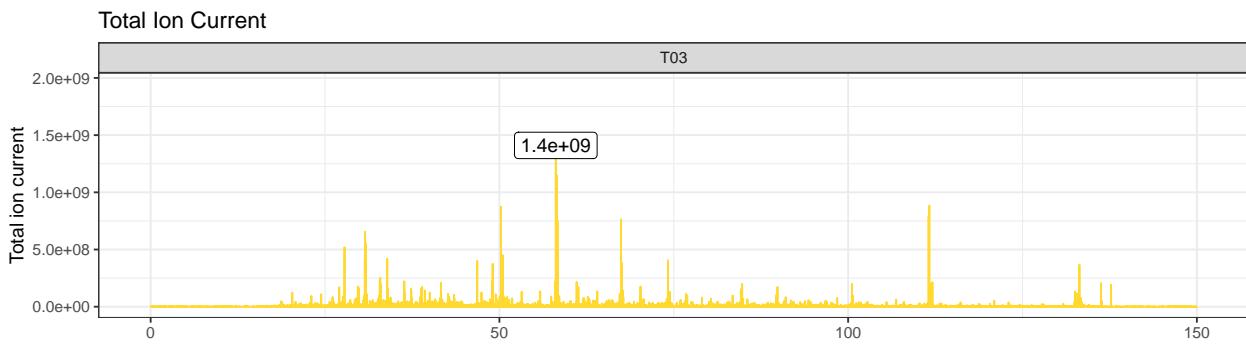


```
## [1] "No UniprotID provided."
```

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

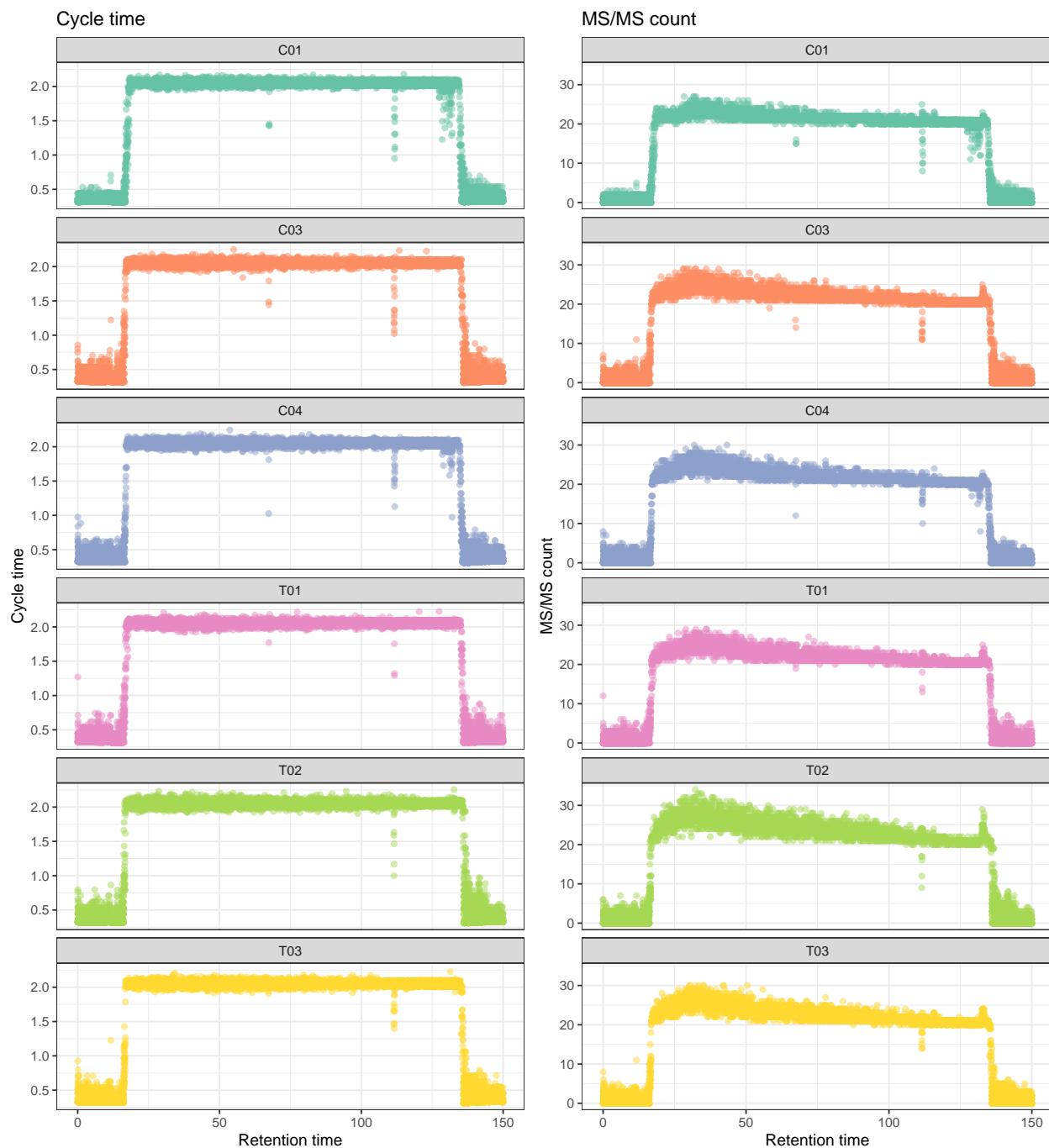
```
## [1] "No iRT peptides found in the MaxQuant output."
```





Retention time

Acquisition Cycle



Post–Translational Modifications



Modifications 2 Oxidation (M) Acetyl (Protein N-term);2 Oxidation (M) Unmodified
 Acetyl (Protein N-term) Oxidation (M)

Table 1: Protein Information

Experiment	Missing values	Proteins identified
C01	303	4560
C03	275	4588
C04	275	4588
T01	199	4664
T02	121	4742
T03	158	4705

Table 2: Intensity Information

Experiment	mean	sd	median	min	max	n
Log2 Intensity C01	26.47	29.16	23.67	17.55	34.54	4560
Log2 Intensity C03	27.37	29.99	24.46	17.89	35.13	4588
Log2 Intensity C04	27.26	29.91	24.42	16.79	35.31	4588
Log2 Intensity T01	27.25	30.05	24.44	17.25	35.57	4664
Log2 Intensity T02	28.41	31.06	25.74	19.21	36.65	4742
Log2 Intensity T03	27.61	30.43	24.78	18.40	35.97	4705

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	Std
C01	-0.2613020	2.5375	-3.194444	-0.2428571	0.7155155
C03	-0.2747255	2.5375	-3.194444	-0.2538462	0.7214587
C04	-0.2802565	2.5375	-3.194444	-0.2615385	0.7229107
T01	-0.2721032	2.5375	-3.194444	-0.2500000	0.7160843
T02	-0.2733152	2.5375	-3.194444	-0.2526316	0.7171519
T03	-0.2742699	2.5375	-3.169231	-0.2500000	0.7170878