Protein Name	Mapk3 (Erk1)
UniProt ID (IPI)	Q63844
Modified Peptide Sequence identified	IADPEHDHTGFLT(ph)EY(ph)VATR
Precursor m/z	777.99428
Mass error (ppm)	-0.11828
Charge	3
Mascot Score	24.42
PTM Score	84.546
False Positive Rate (FPR)	8.46E-08

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

Protein Name	Mapk1 (Erk2)
UniProt ID (IPI)	P63085
Modified Peptide Sequence identified	VADPDHDHTGFLT(ph)EY(ph)VATR
Precursor m/z	1152.4721
Mass error (ppm)	0.52464
Charge	2
Mascot Score	26.93

PTM Score	130.99
False Positive Rate (FPR)	2.98E-09

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss
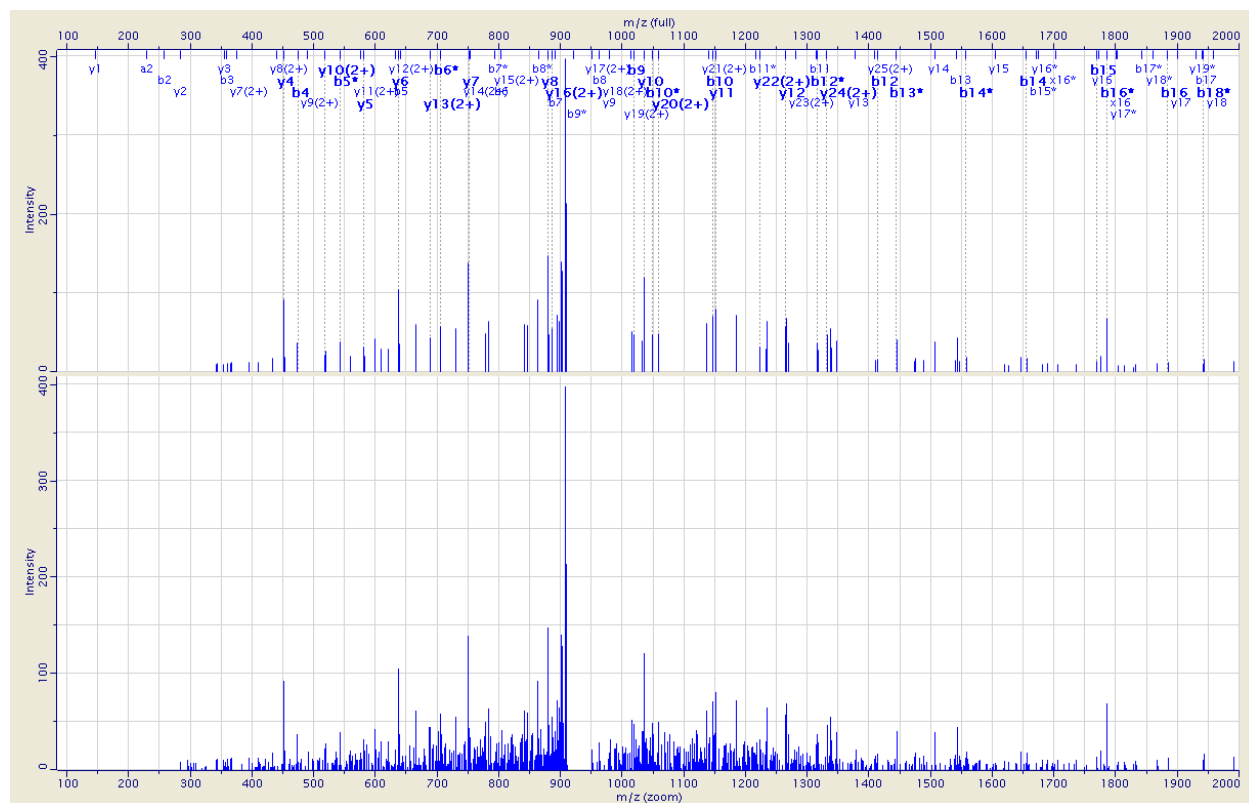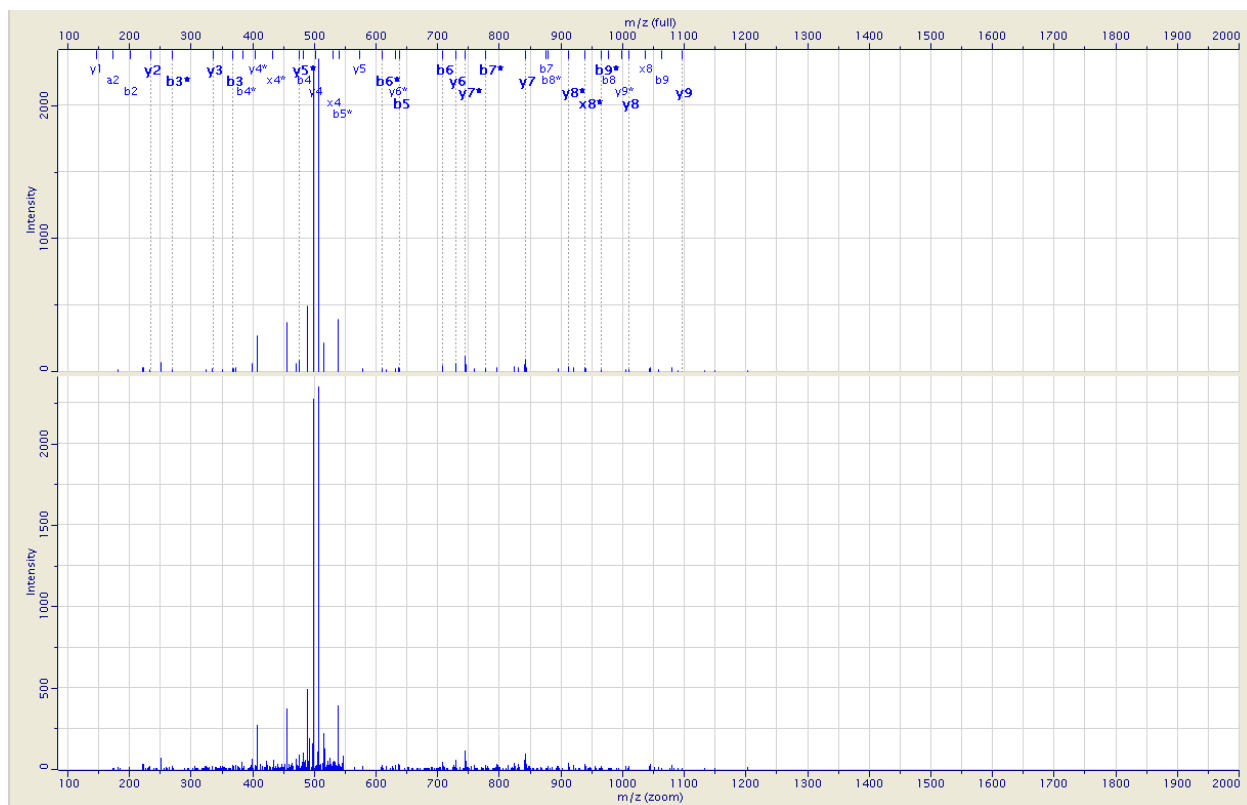
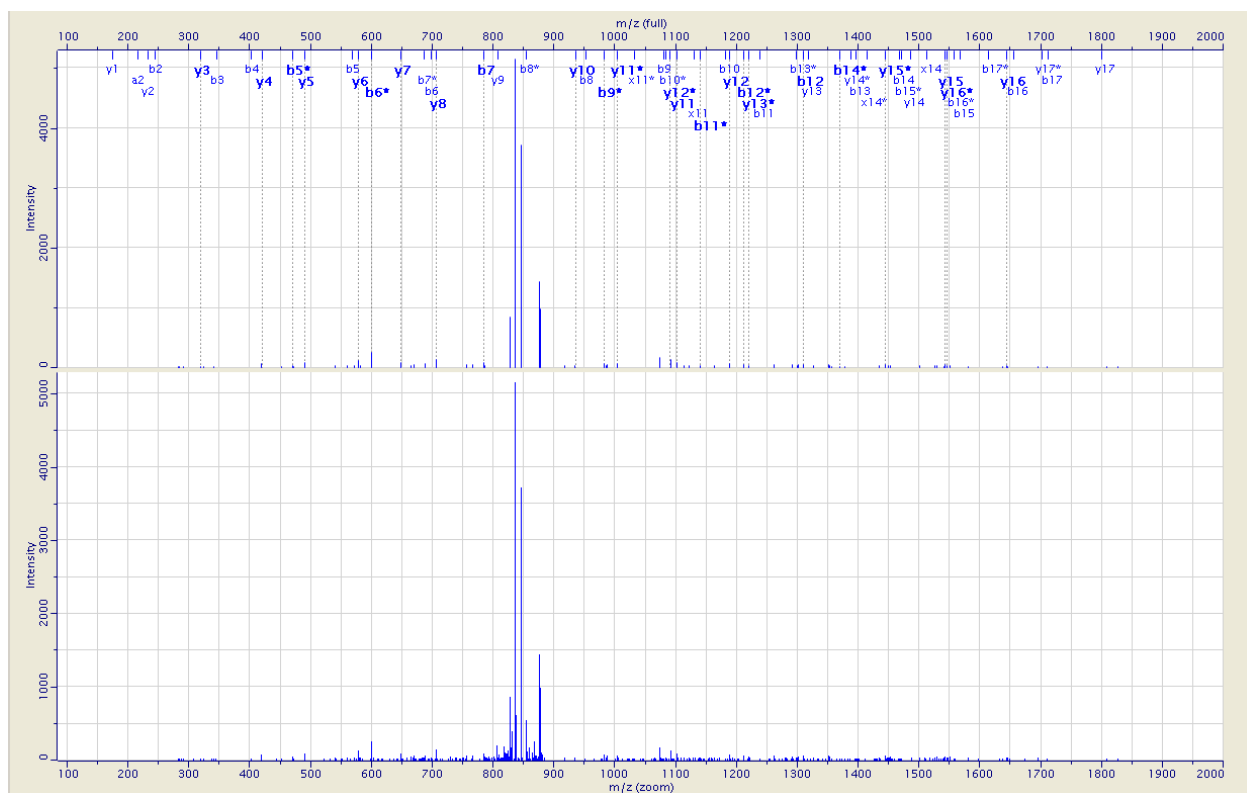| Protein Name	Frap1 (mTor)
UniProt ID (IPI)	Q9JLN9
Modified Peptide Sequence identified	TRTDS(ph)YSAGQS(ph)VEILDGVELGEPAHK
Precursor m/z	973.76515
Mass error (ppm)	0.11362
Charge	3
Mascot Score	23.94
PTM Score	117.77
False Positive Rate (FPR)	1.33E-14

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

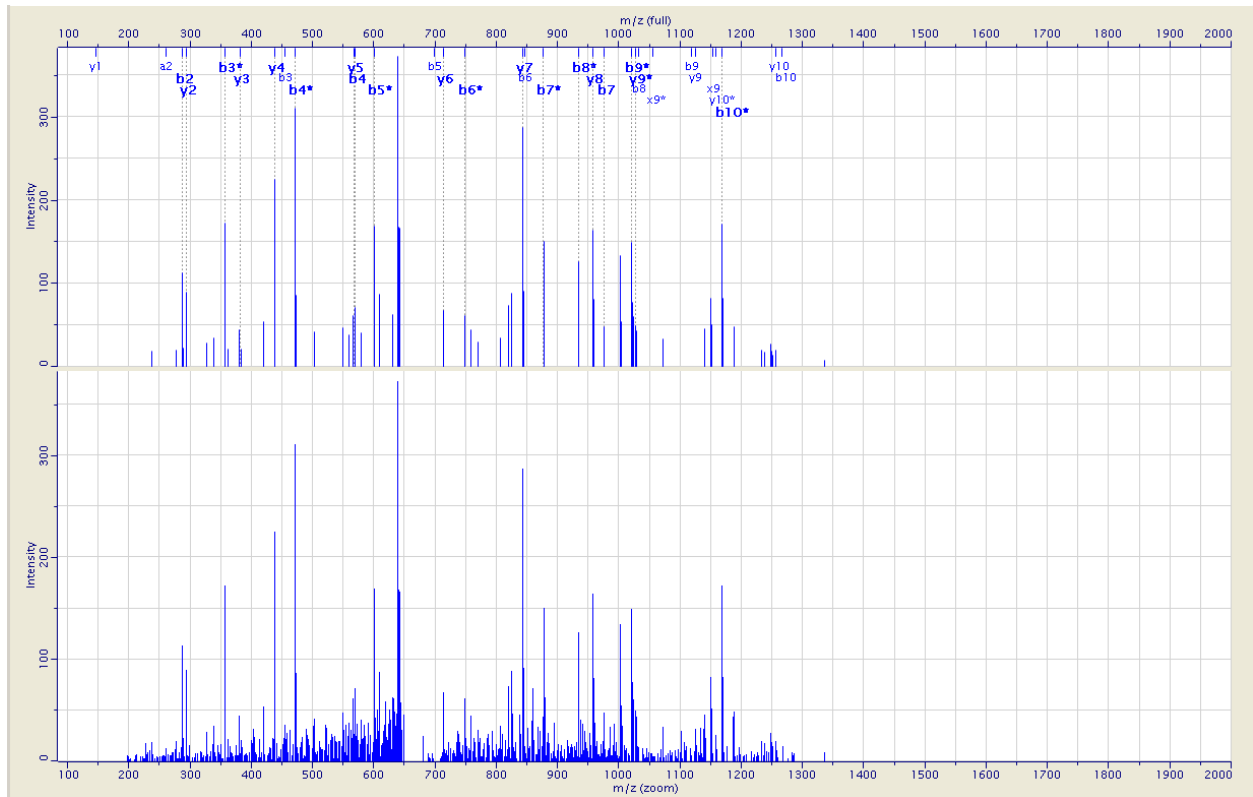| Protein Name	Rps6
UniProt ID (IPI)	P62754
Modified Peptide Sequence identified	RLS(ph)S(ph)LRASTSK
Precursor m/z	605.26744
Mass error (ppm)	0.019038
Charge	2
Mascot Score	25.33
PTM Score	115.98
False Positive Rate (FPR)	1.40E-03

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

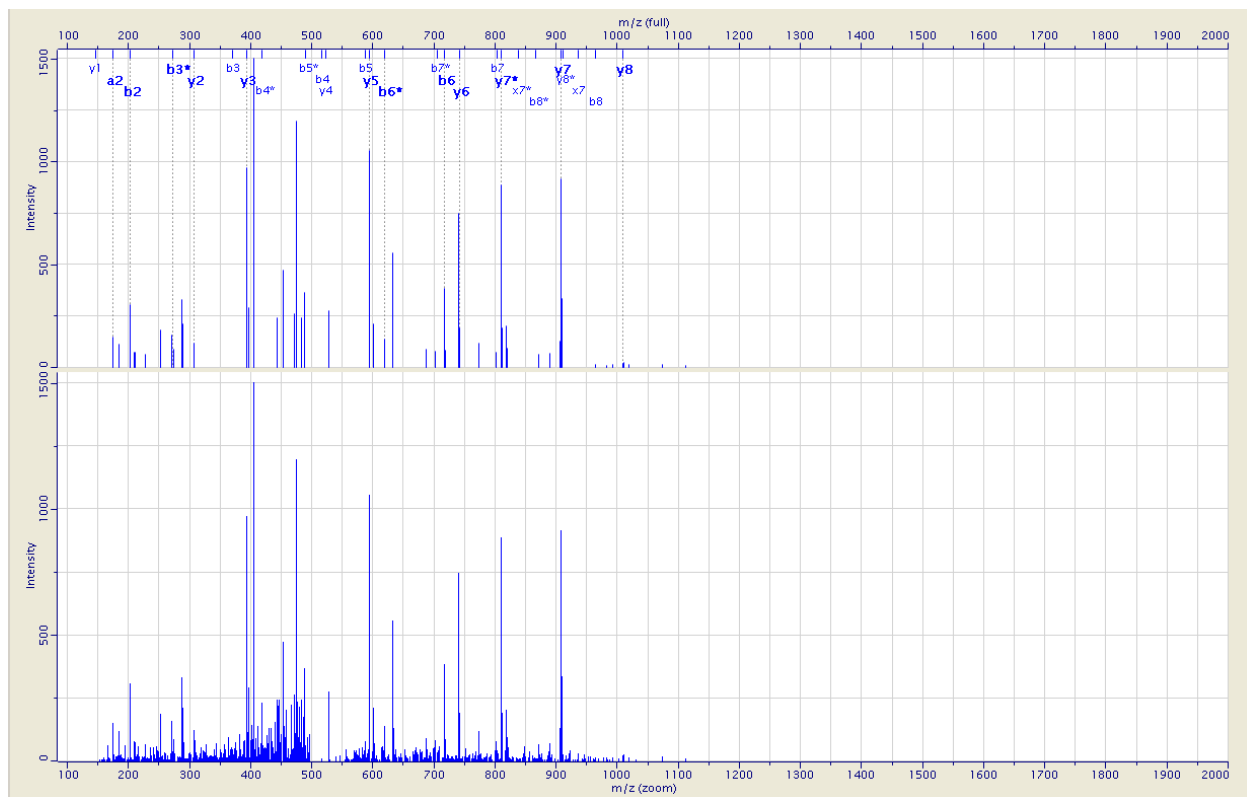| Protein Name	eif4B
UniProt ID (IPI)	Q8BGD9
Modified Peptide Sequence identified	SRTGS(ph)ESS(ph)QTGASATSGR
Precursor m/z	943.8675
Mass error (ppm)	-0.72373
Charge	2
Mascot Score	32.38
PTM Score	141.3
False Positive Rate (FPR)	4.01E-13

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

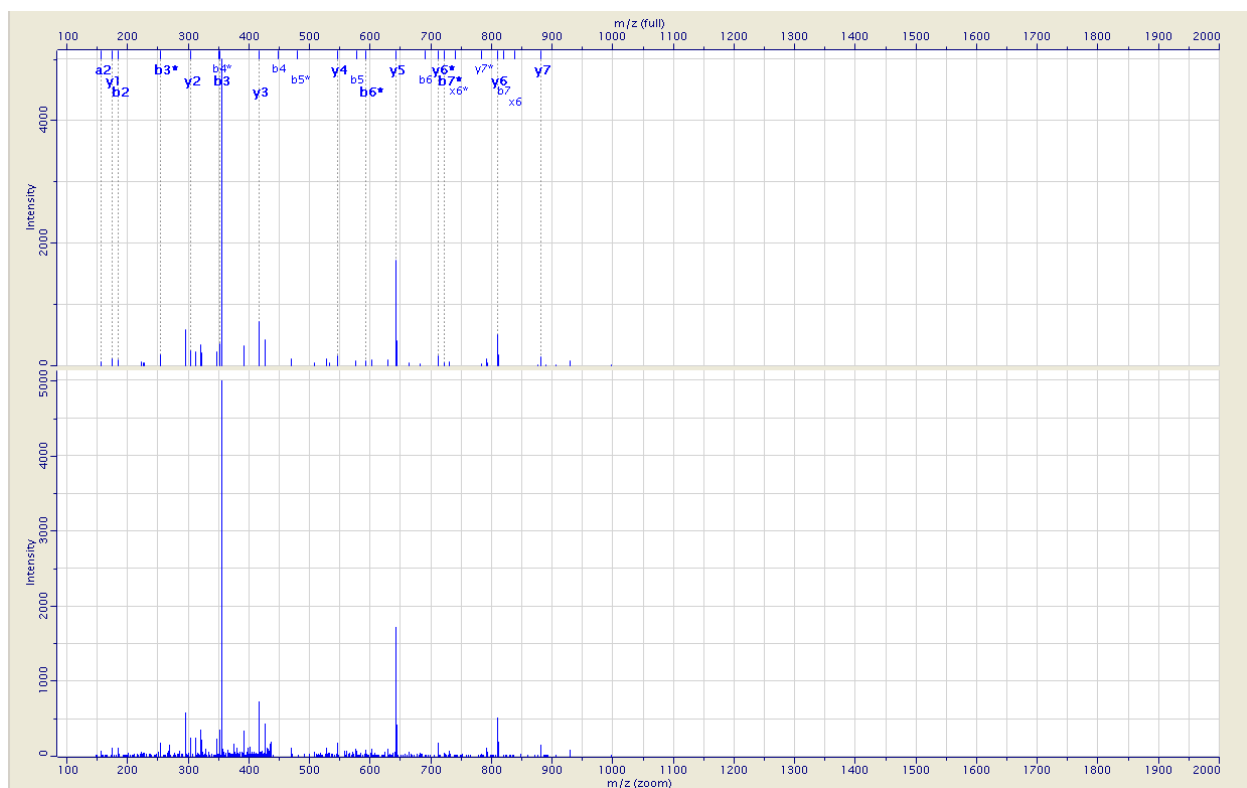| Protein Name	Bad
UniProt ID (IPI)	Q61337
Modified Peptide Sequence identified	RMS(ph)DEFEGSFK
Precursor m/z	706.78124
Mass error (ppm)	0.54803
Charge	2
Mascot Score	69.2
PTM Score	150.24
False Positive Rate (FPR)	1.20E-08

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

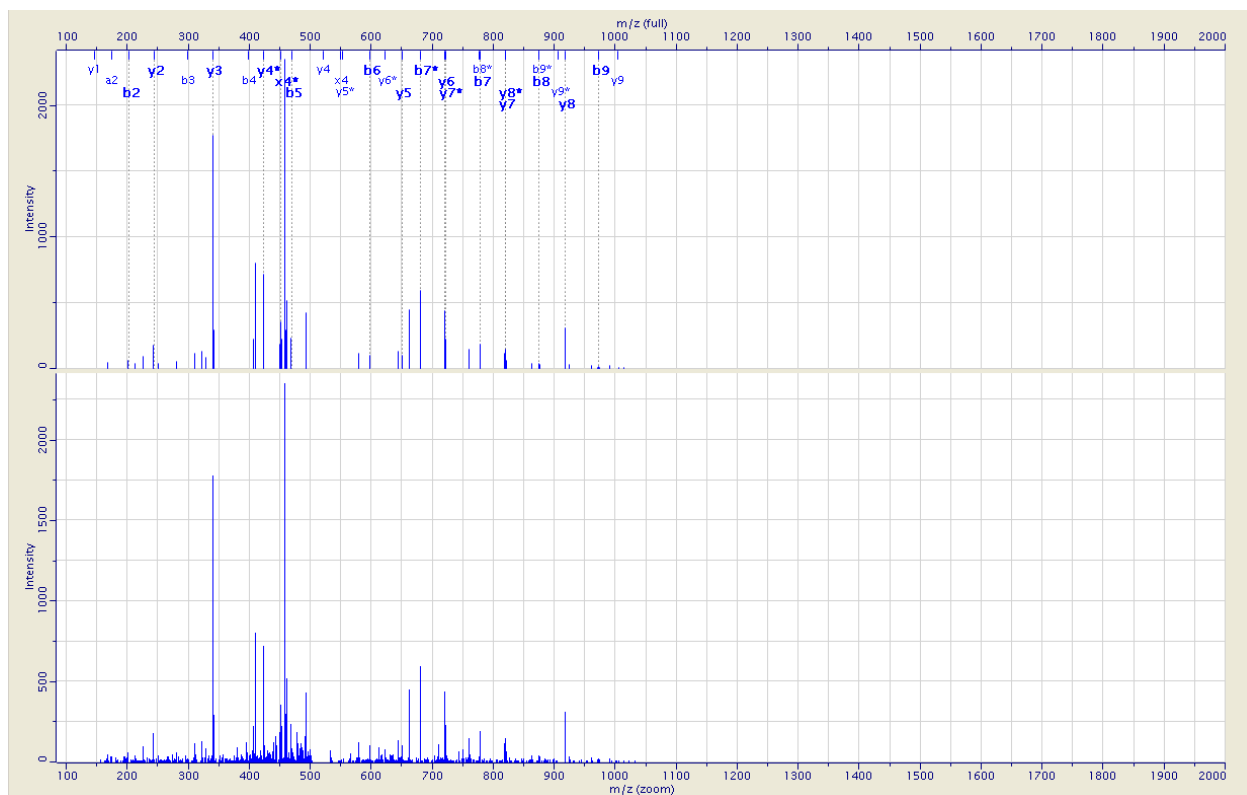| Protein Name	Gsk3b
UniProt ID (IPI)	Q9WV60
Modified Peptide Sequence identified	TTS(ph)FAESCK
Precursor m/z	555.7123
Mass error (ppm)	0.60555
Charge	2
Mascot Score	34.34
PTM Score	80.535
False Positive Rate (FPR)	7.75E-02

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

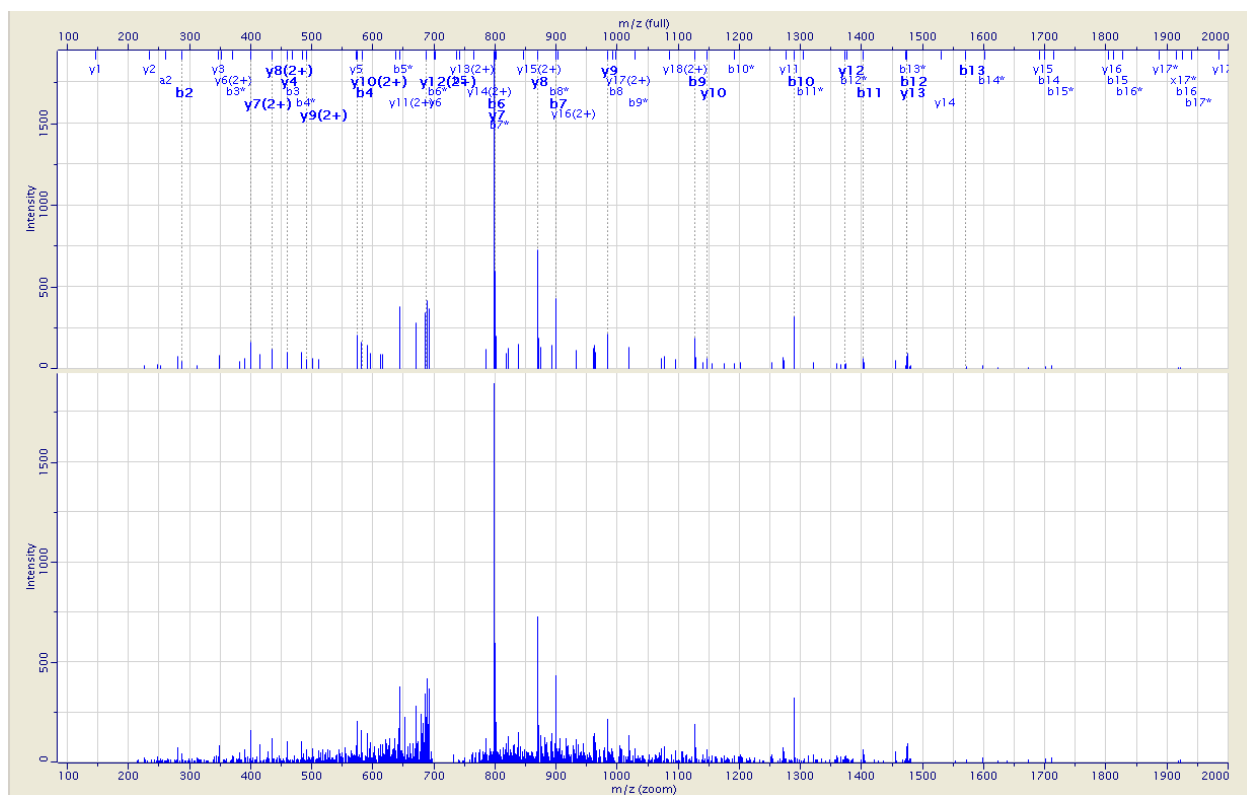| Protein Name	Jun
UniProt ID (IPI)	P05627
Modified Peptide Sequence identified	LAS(ph)PELER
Precursor m/z	497.73389
Mass error (ppm)	-0.21298
Charge	2
Mascot Score	47.38
PTM Score	114.35
False Positive Rate (FPR)	1.22E-02

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

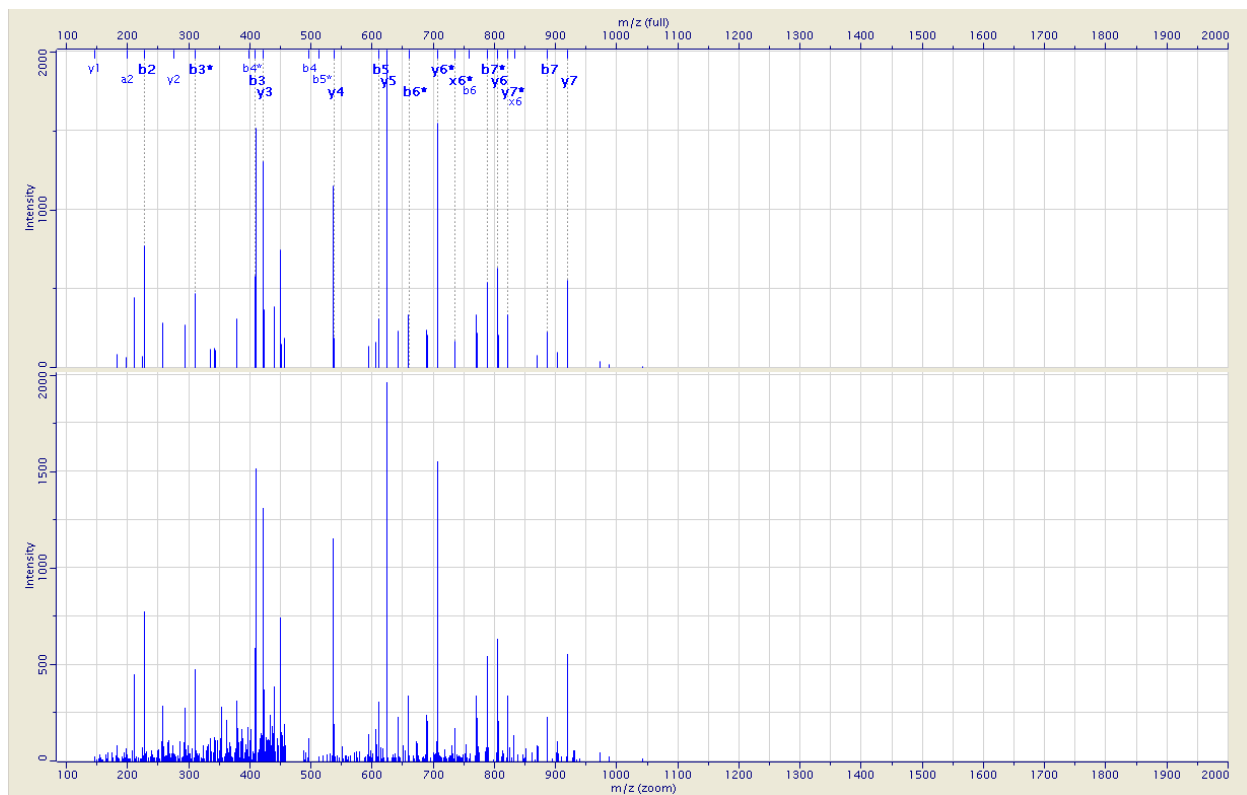| Protein Name	4EBP1
UniProt ID (IPI)	Q60876
Modified Peptide Sequence identified	NSPVAKT(ph)PPK
Precursor m/z	559.78391
Mass error (ppm)	0.0053759
Charge	2
Mascot Score	38.77
PTM Score	133.79
False Positive Rate (FPR)	1.57E-04

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

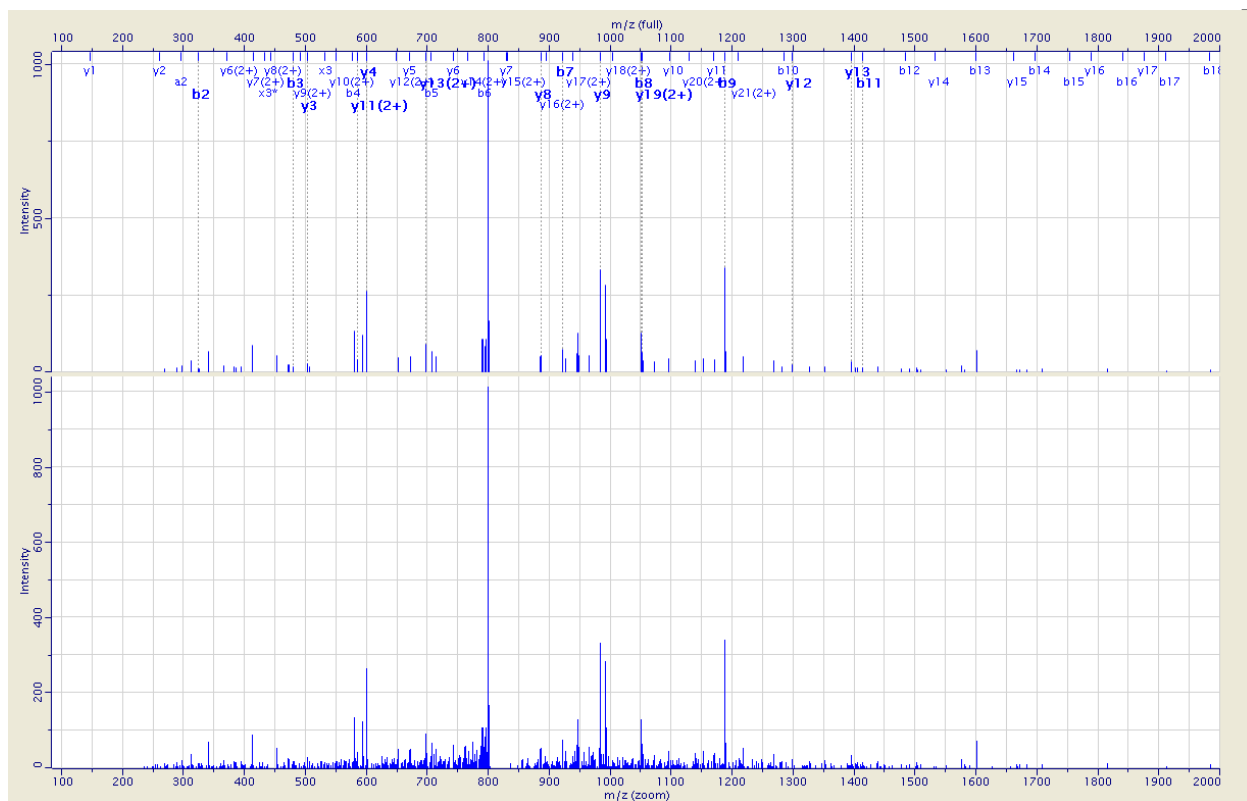| Protein Name	Prkaca
UniProt ID (IPI)	P05132
Modified Peptide Sequence identified	TWT(ph)LCGTPEYLAPEIILSK
Precursor m/z	758.03722
Mass error (ppm)	0.55619
Charge	3
Mascot Score	53.07
PTM Score	124.06
False Positive Rate (FPR)	8.46E-08

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

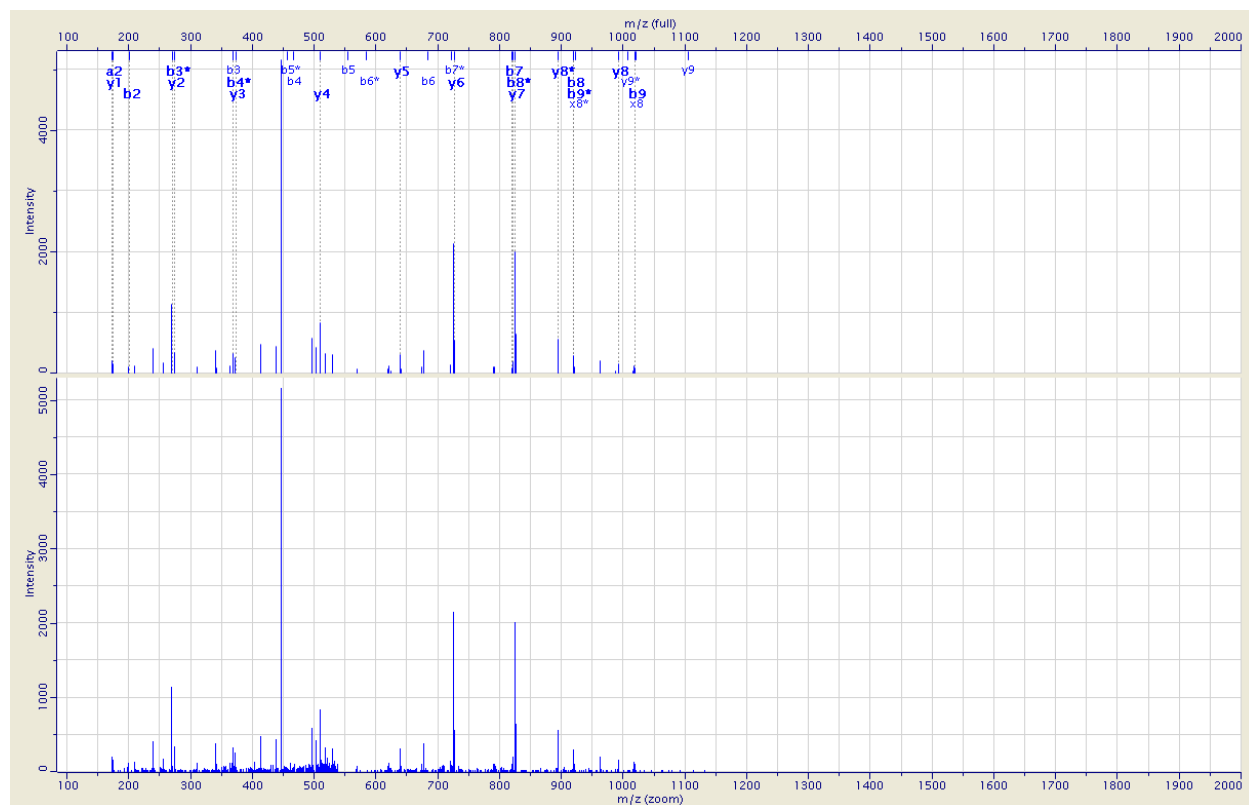| Protein Name	PRAS40
UniProt ID (IPI)	Q9D1F4
Modified Peptide Sequence identified	LNT(ph)SDFQK
Precursor m/z	516.72352
Mass error (ppm)	0.05347
Charge	2
Mascot Score	36.06
PTM Score	128.52
False Positive Rate (FPR)	2.12E-03

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

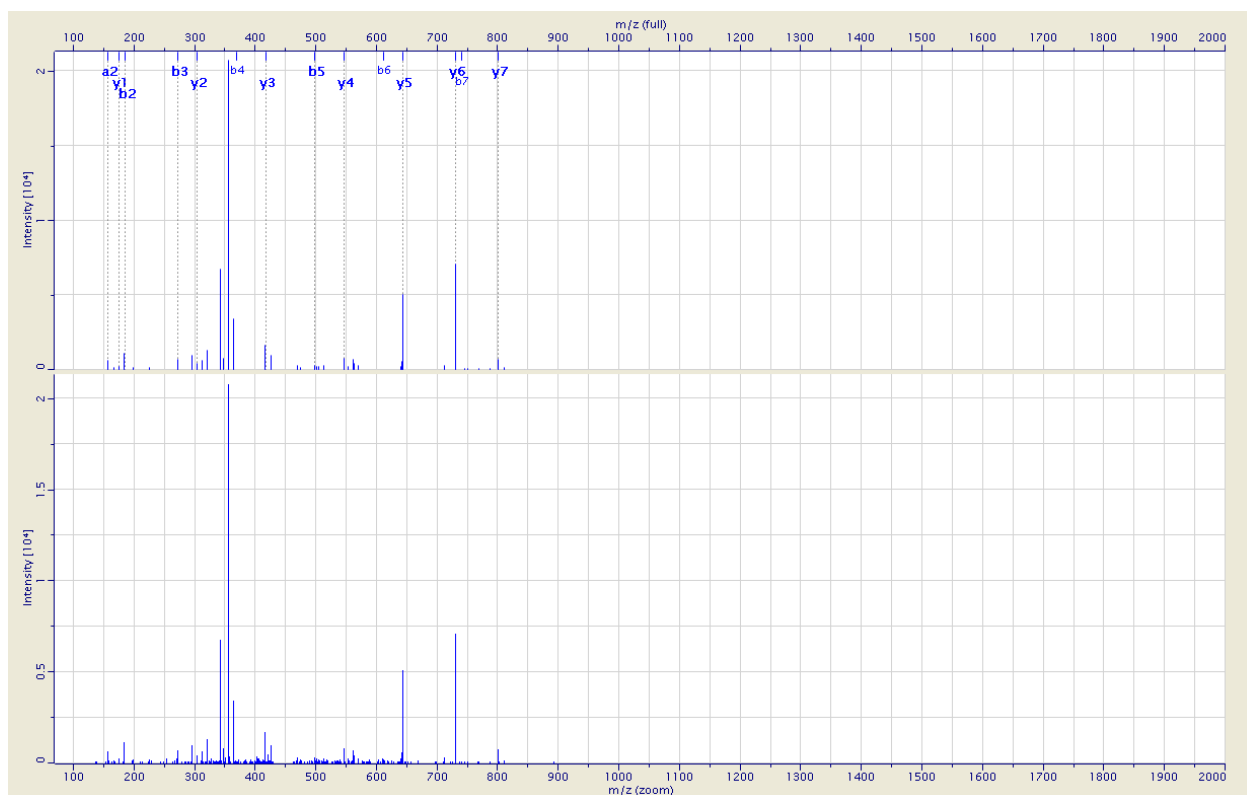| Protein Name	Stat3
UniProt ID (IPI)	P42227
Modified Peptide Sequence identified	YCRPESQEHPEADPGSAAPY(ph)LK
Precursor m/z	861.3721
Mass error (ppm)	0.051412
Charge	3
Mascot Score	20.9
PTM Score	58.111
False Positive Rate (FPR)	0.011901

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

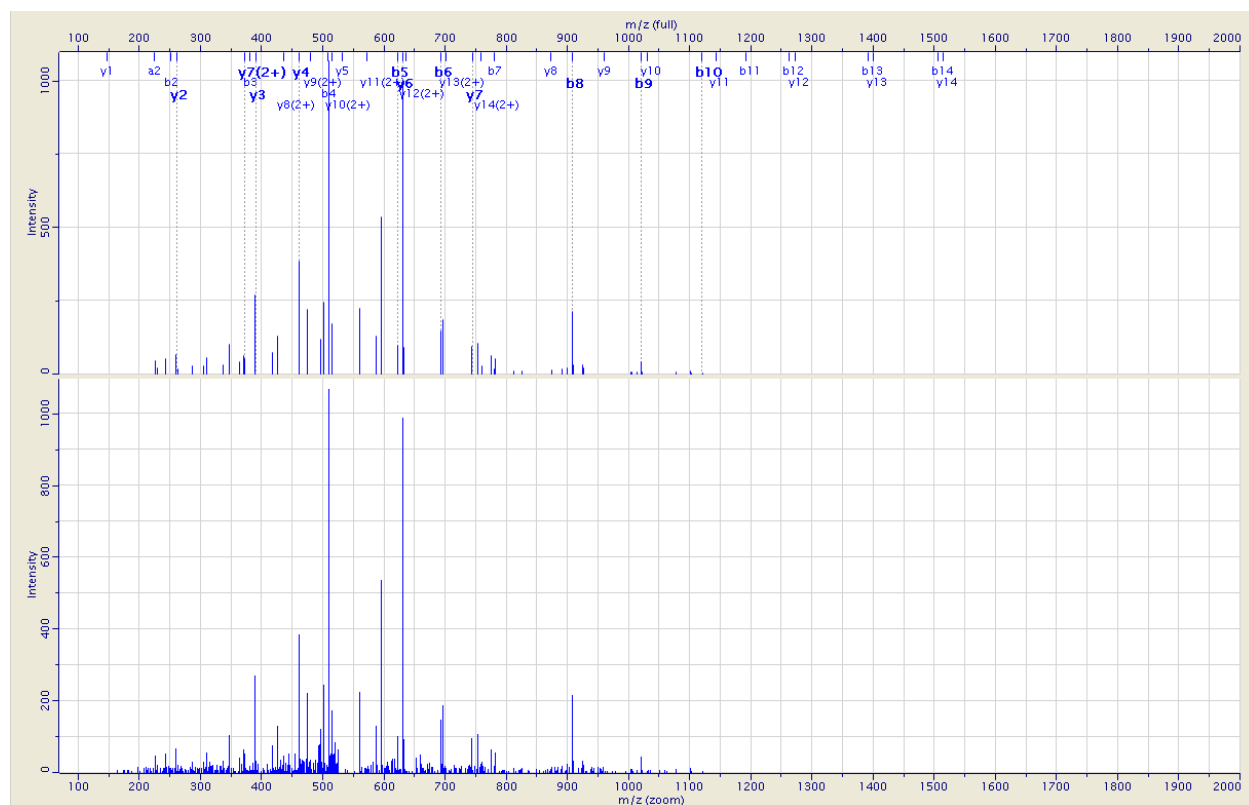| Protein Name	Tsc2
UniProt ID (IPI)	Q61037
Modified Peptide Sequence identified	SIS(ph)VSEHVVR
Precursor m/z	596.78973
Mass error (ppm)	-0.29224
Charge	2
Mascot Score	40.9
PTM Score	147.5
False Positive Rate (FPR)	1.43E-06

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak. * neutral loss

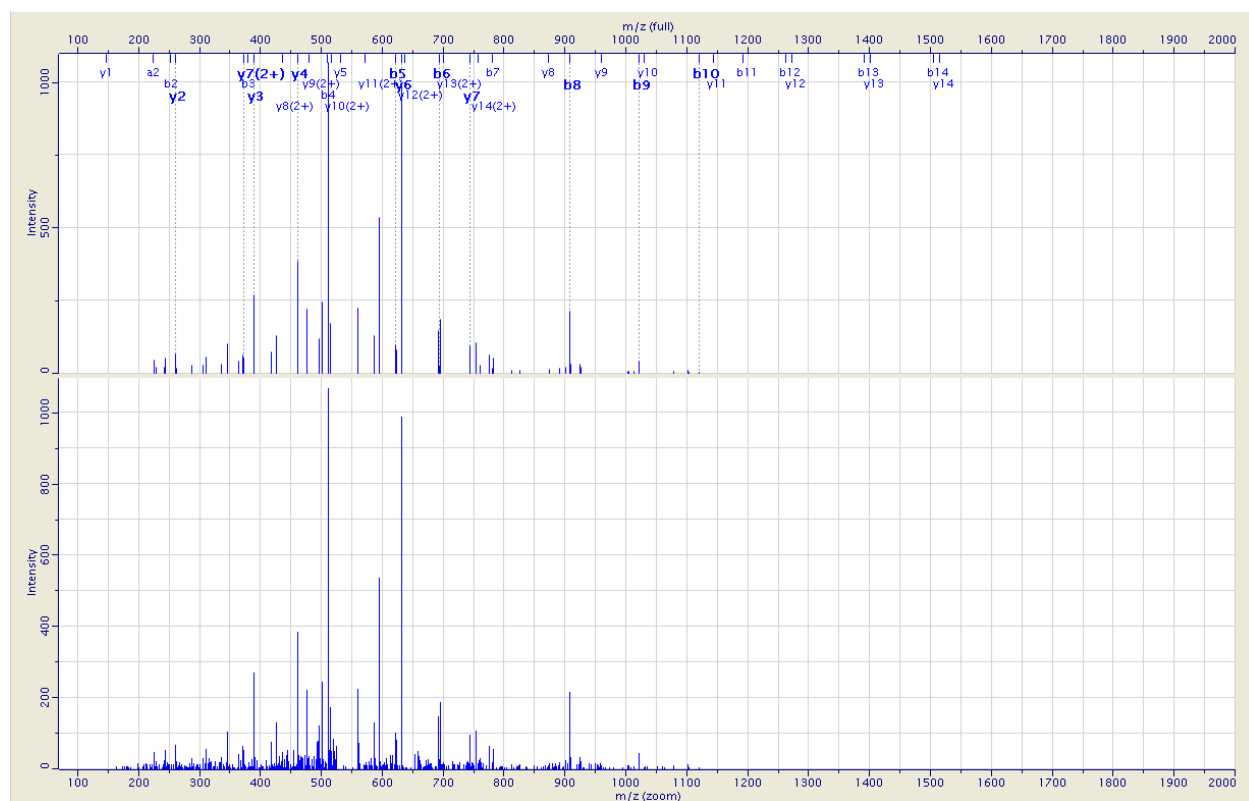| Protein Name	Jun
UniProt ID (IPI)	Q9D1F4
Peptide Sequence identified	LASPELER
Precursor m/z	457.75072
Mass error (ppm)	0.37157
Charge	2
Mascot Score	42.87
False Positive Rate (FPR)	0.021142

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

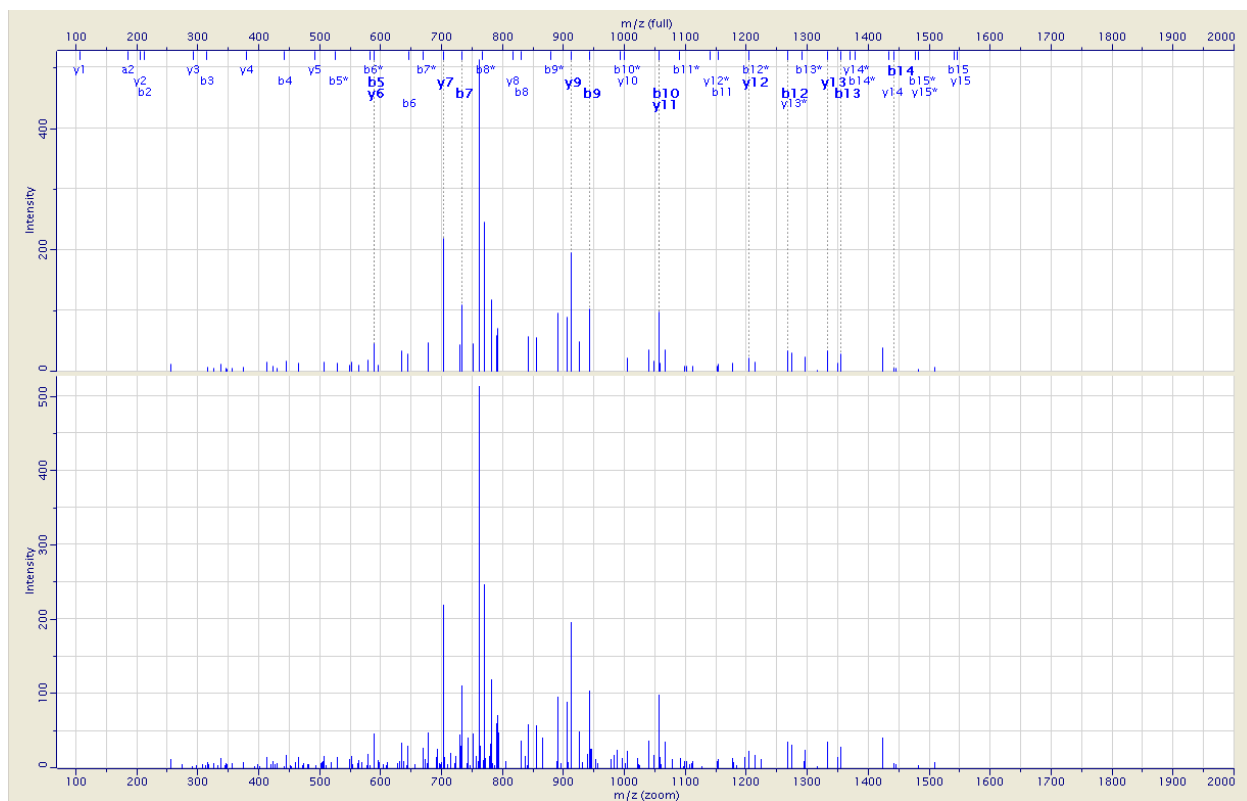| Protein Name	Cep57
UniProt ID (IPI)	Q8CEE0
Peptide Sequence identified	HNQELASQLVAAENK
Precursor m/z	551.28479
Mass error (ppm)	-0.25223
Charge	3
Mascot Score	78.27
False Positive Rate (FPR)	7.42E-31

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

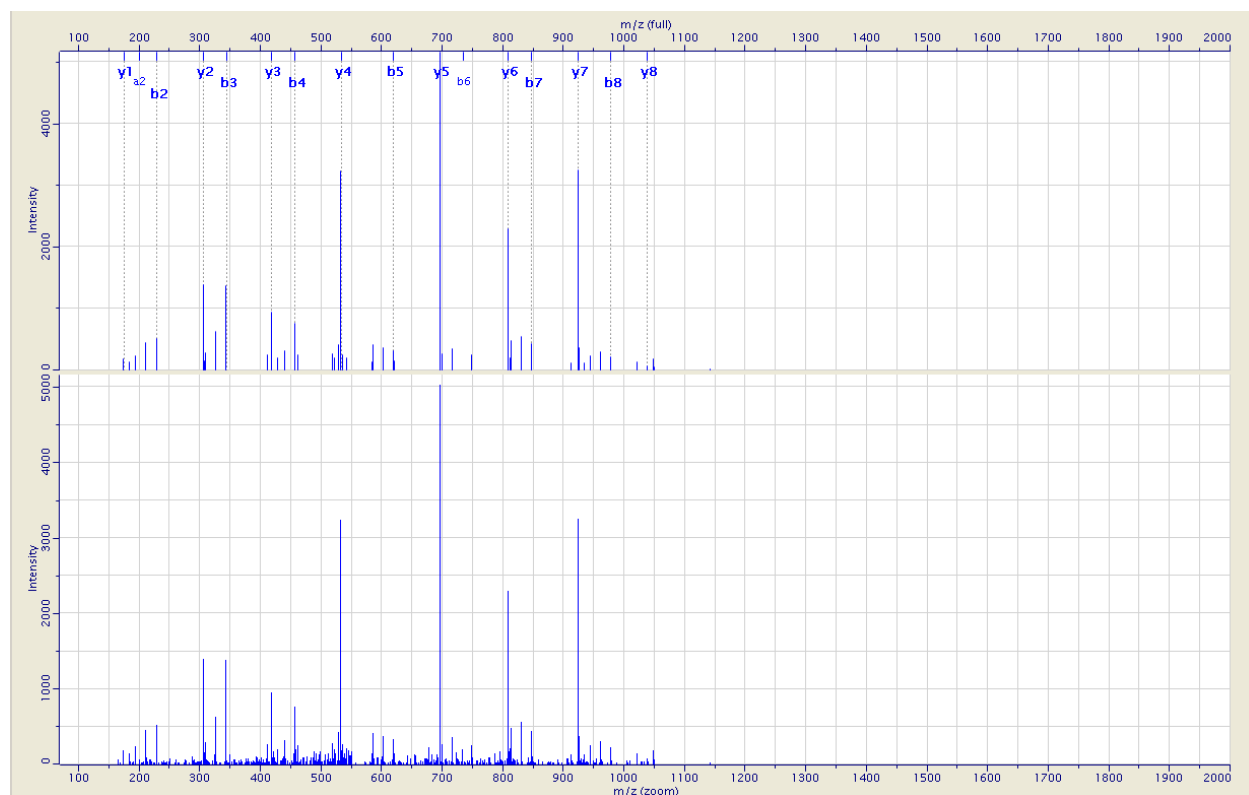| Protein Name	Tgfb1i1
UniProt ID (IPI)	Q62219
Peptide Sequence identified	DFLQLFAPR
Precursor m/z	553.80329
Mass error (ppm)	-0.041859
Charge	2
Mascot Score	53.64
False Positive Rate (FPR)	5.02E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

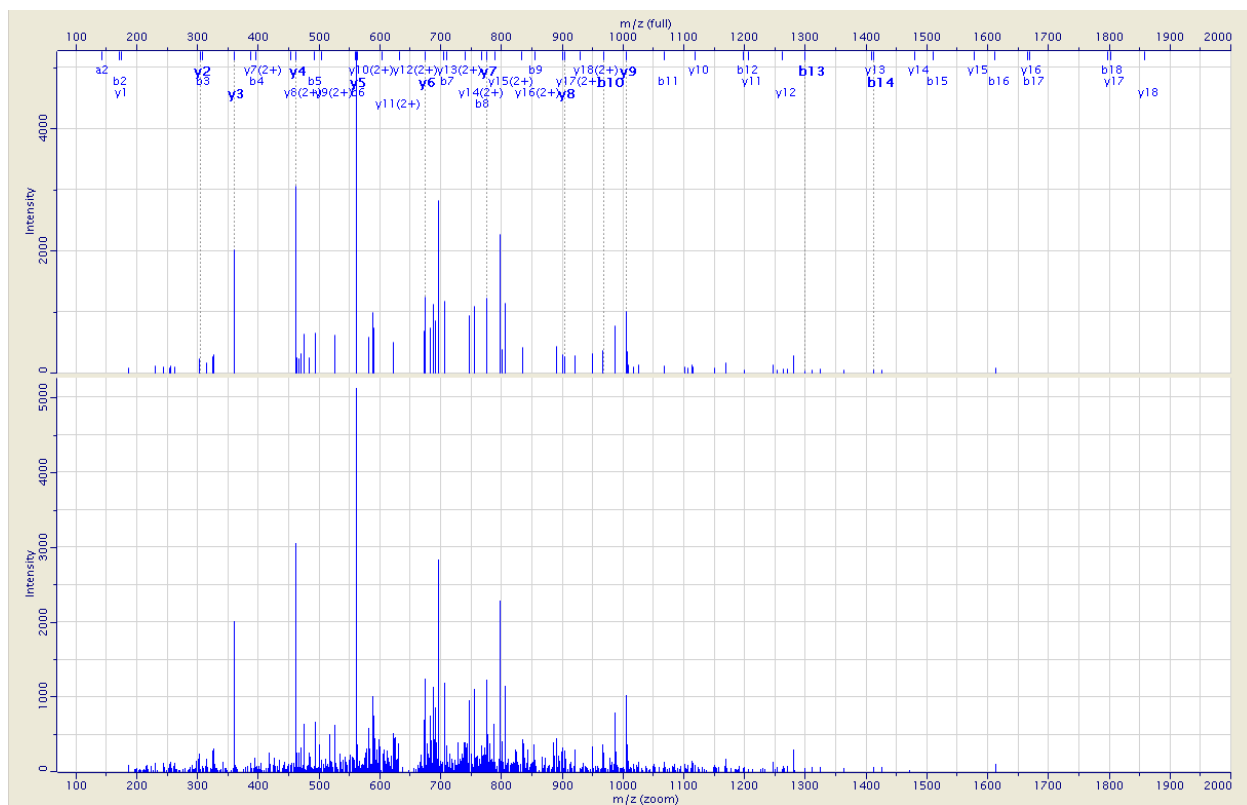| Protein Name	Smad5
UniProt ID (IPI)	P97454
Peptide Sequence identified	VLTQMGSPLNPISSVS
Precursor m/z	823.42691
Mass error (ppm)	-0.19864
Charge	2
Mascot Score	39.79
False Positive Rate (FPR)	1.43E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

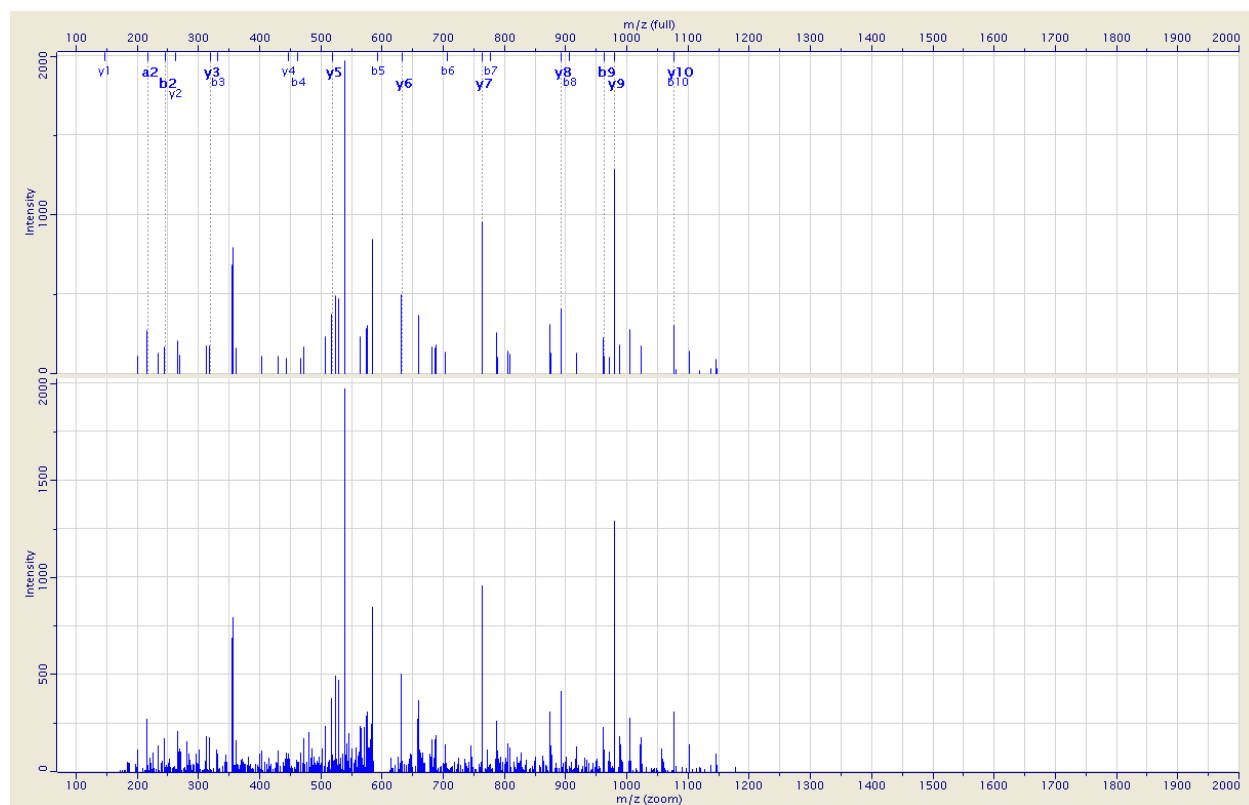| Protein Name	Ahr
UniProt ID (IPI)	P30561
Peptide Sequence identified	NNDLYNIMR
Precursor m/z	576.77695
Mass error (ppm)	-0.36117
Charge	2
Mascot Score	60.99
False Positive Rate (FPR)	3.27E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

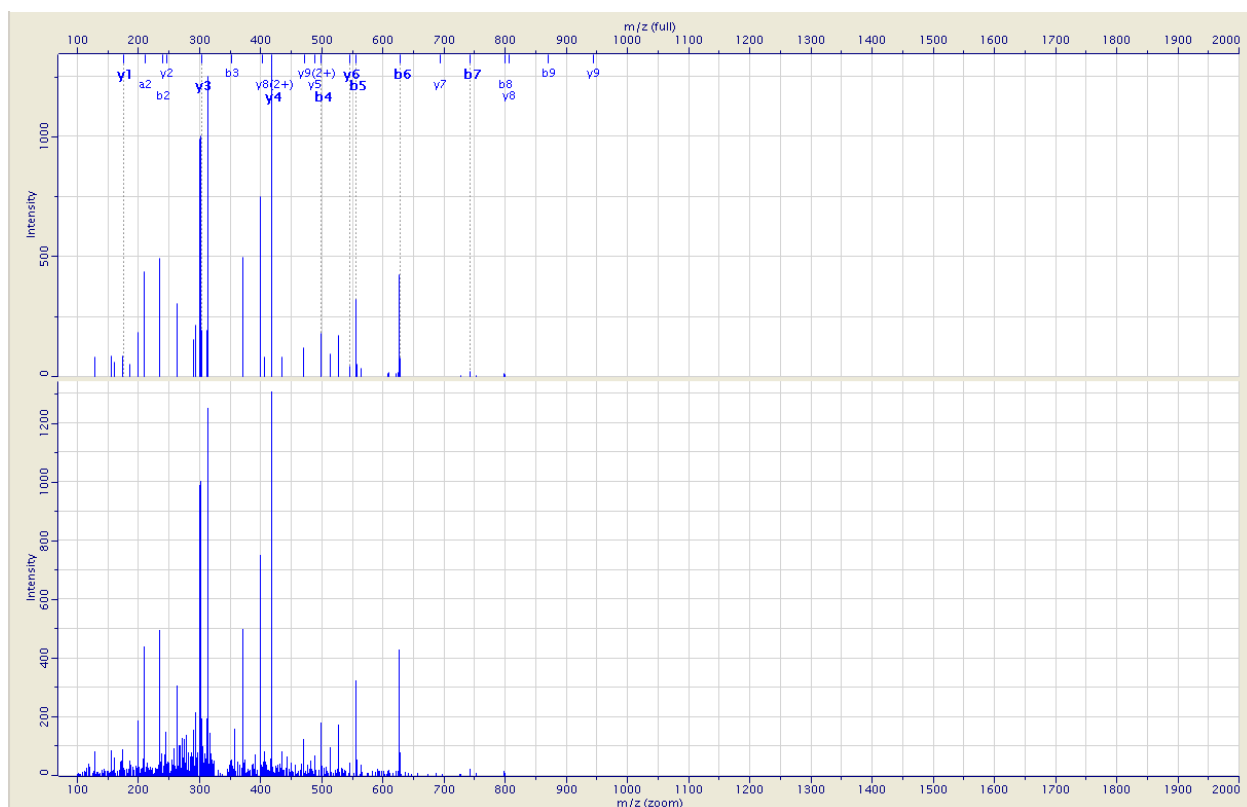| Protein Name	Flrt3
UniProt ID (IPI)	Q6ZPQ1
Peptide Sequence identified	LGHSPAFGSITETIVTGER
Precursor m/z	658.00933
Mass error (ppm)	-0.76472
Charge	3
Mascot Score	26.43
False Positive Rate (FPR)	3.50E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

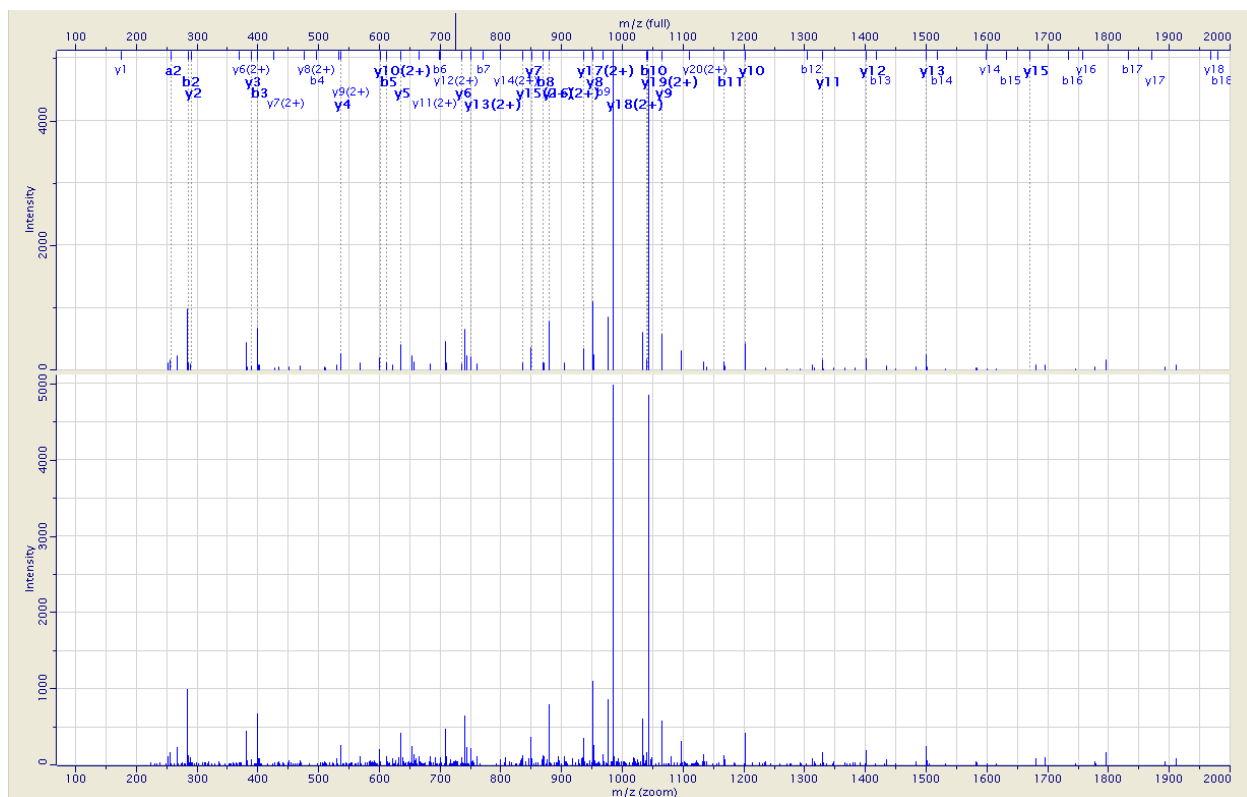| Protein Name	Tes
UniProt ID (IPI)	P47226
Peptide Sequence identified	FPSEMNAQGDK
Precursor m/z	612.2717
Mass error (ppm)	2.6655
Charge	2
Mascot Score	27.76
False Positive Rate (FPR)	1.45E-2

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

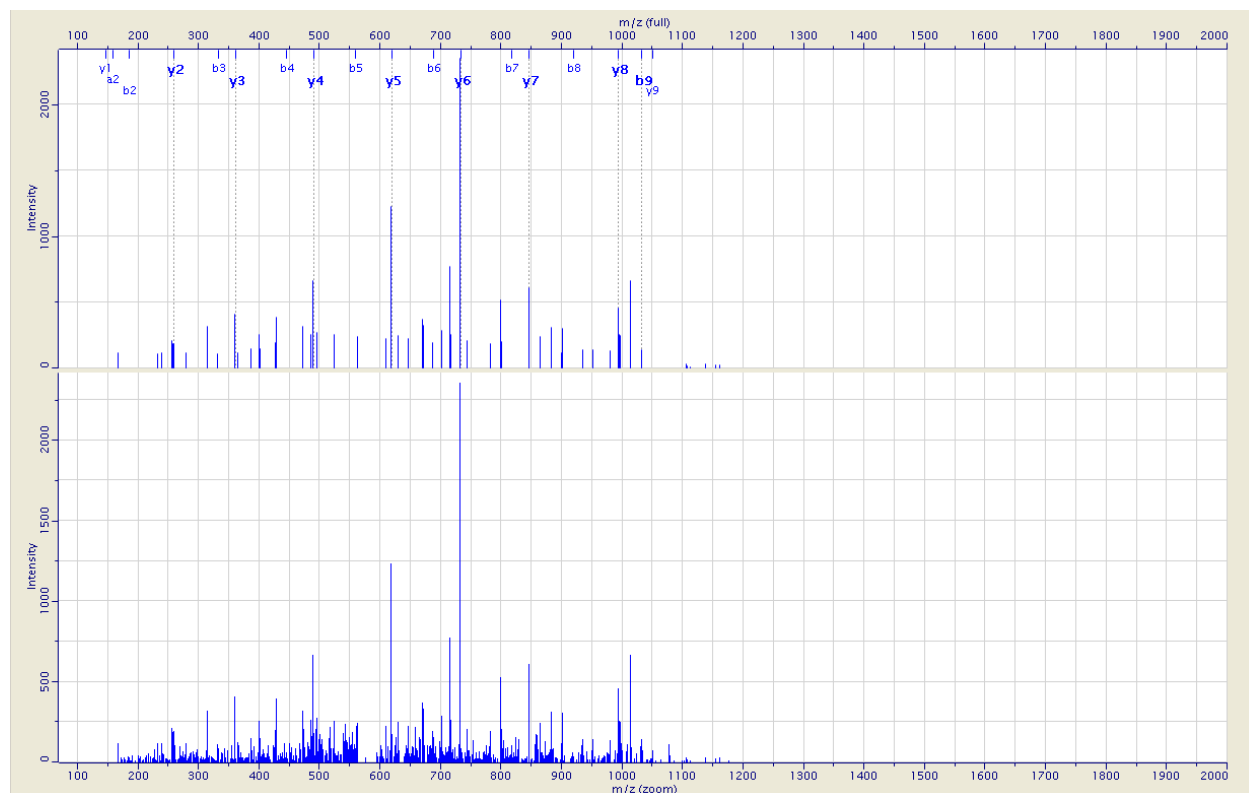| Protein Name	Nubpl
UniProt ID (IPI)	Q9CWD8
Peptide Sequence identified	THIFGADGAR
Precursor m/z	348.84556
Mass error (ppm)	0.048874
Charge	3
Mascot Score	27.62
False Positive Rate (FPR)	4.44E-2

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

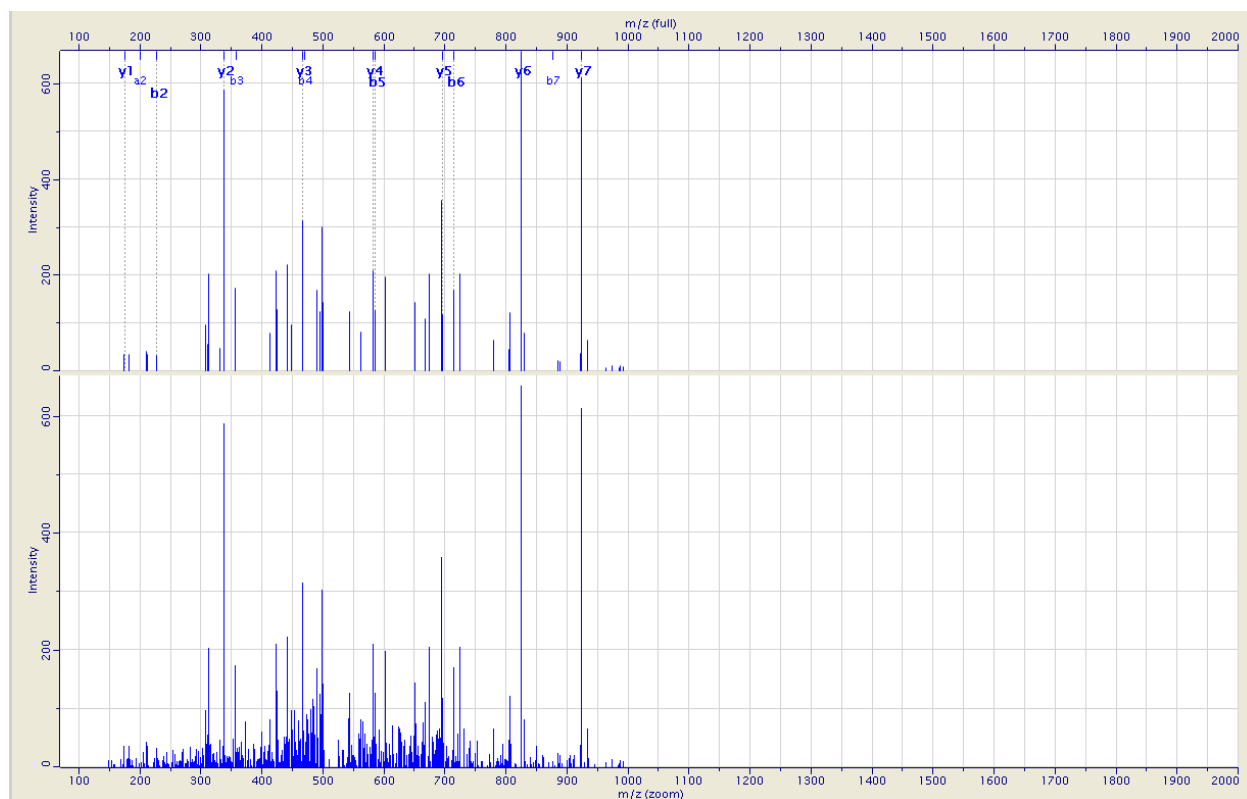| Protein Name	Sfrs11
UniProt ID (IPI)	Q3TR16
Peptide Sequence identified	FHDPDSAVVAQHLTNTVFVDR
Precursor m/z	790.06086
Mass error (ppm)	0.12529
Charge	3
Mascot Score	67.16
False Positive Rate (FPR)	1.14E-26

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

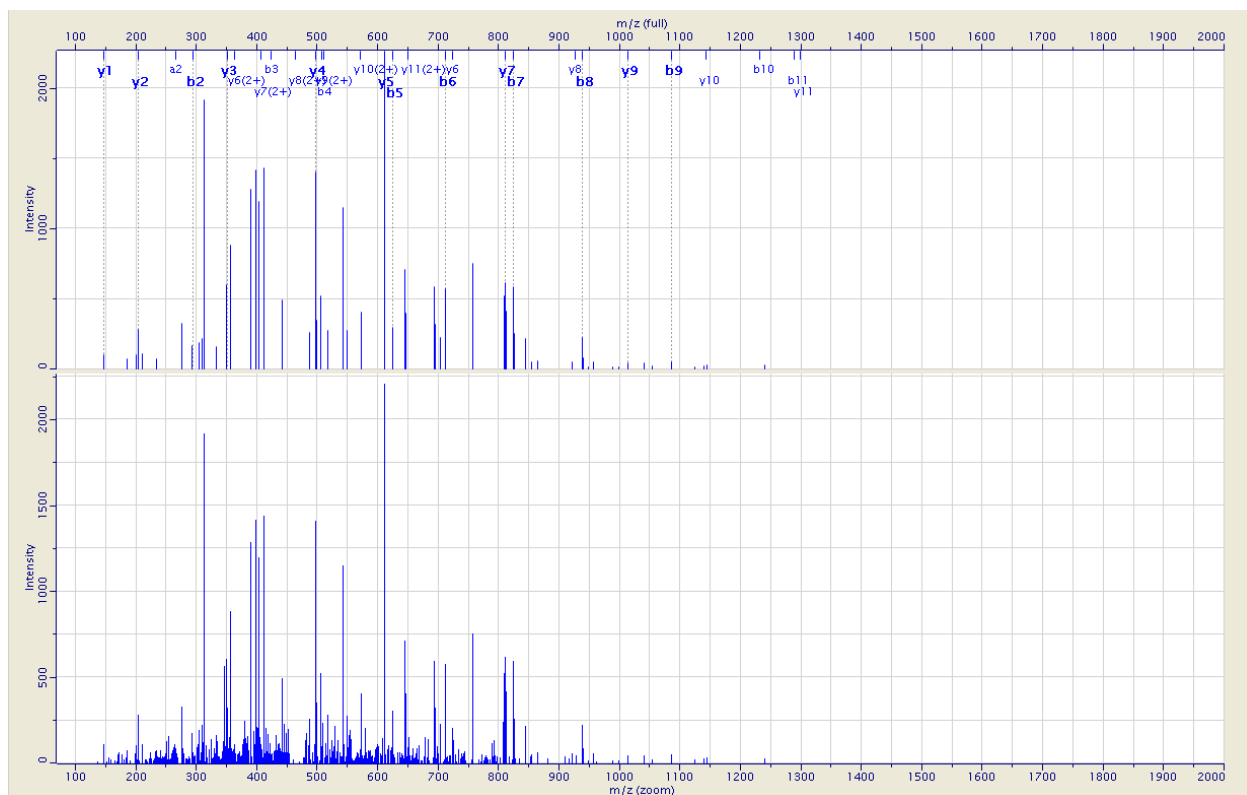| Protein Name	Krit1
UniProt ID (IPI)	Q6S5J6
Peptide Sequence identified	QGFLNEETLK
Precursor m/z	589.80623
Mass error (ppm)	2.6363
Charge	2
Mascot Score	41.72
False Positive Rate (FPR)	4.57E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

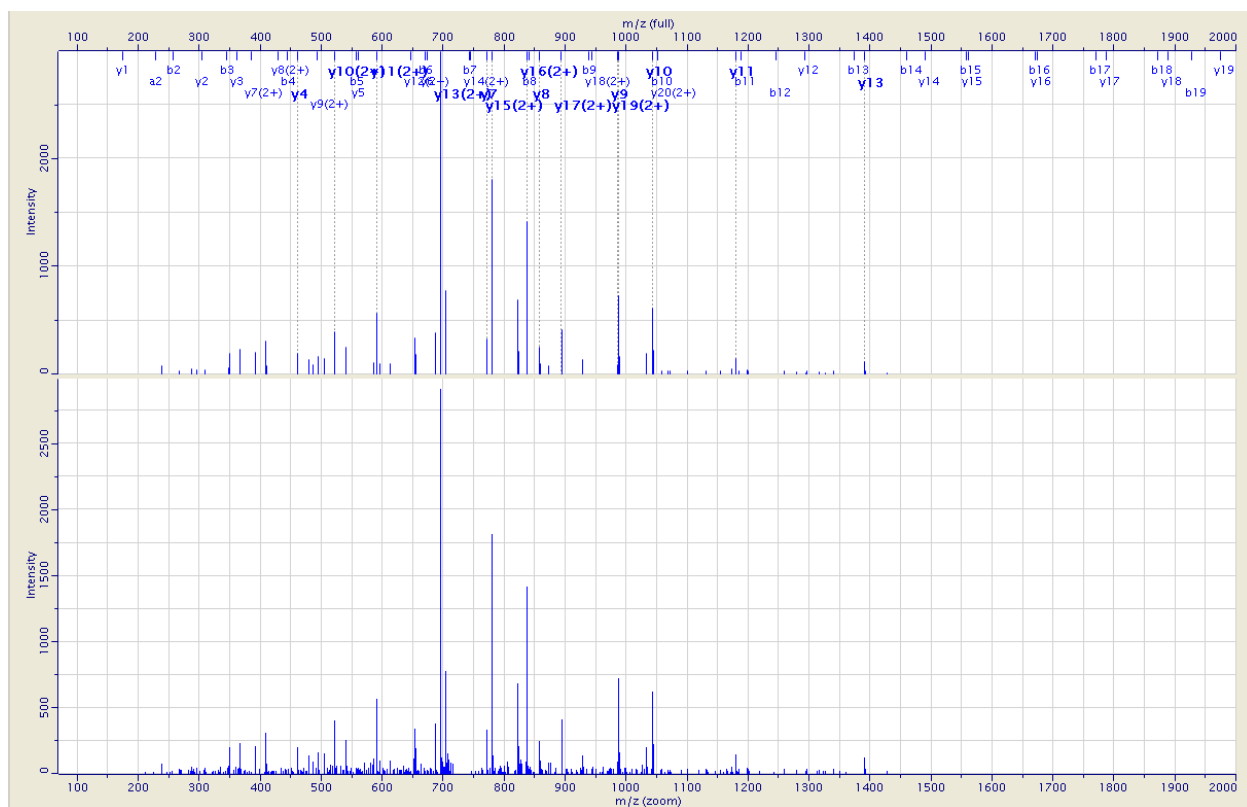| Protein Name	Smc5
UniProt ID (IPI)	Q8CG46
Peptide Sequence identified	KVELDEYR
Precursor m/z	526.27456
Mass error (ppm)	-0.42629
Charge	2
Mascot Score	47.72
False Positive Rate (FPR)	8.15E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

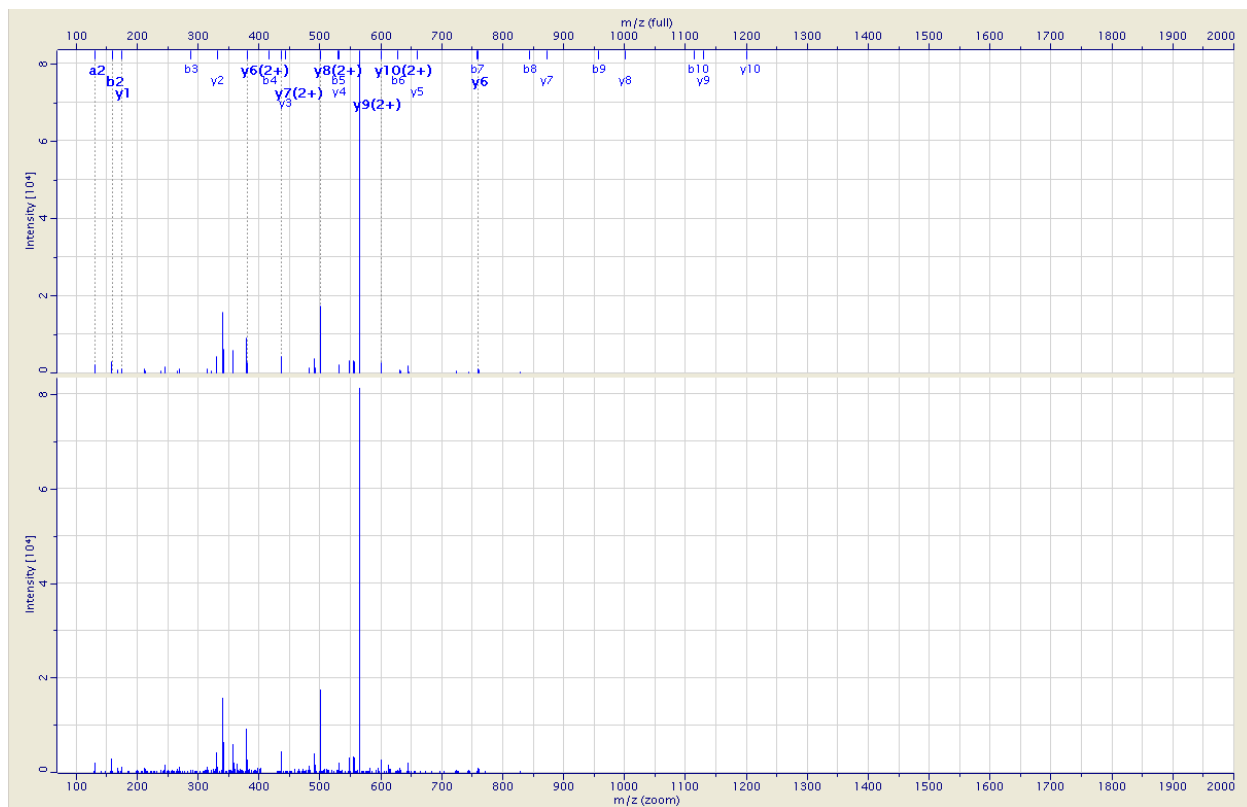| Protein Name	Serpinb13
UniProt ID (IPI)	Q8CDC0
Peptide Sequence identified	HRESDSILFFGK
Precursor m/z	479.24913
Mass error (ppm)	-0.79107
Charge	3
Mascot Score	34.22
False Positive Rate (FPR)	1.94E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

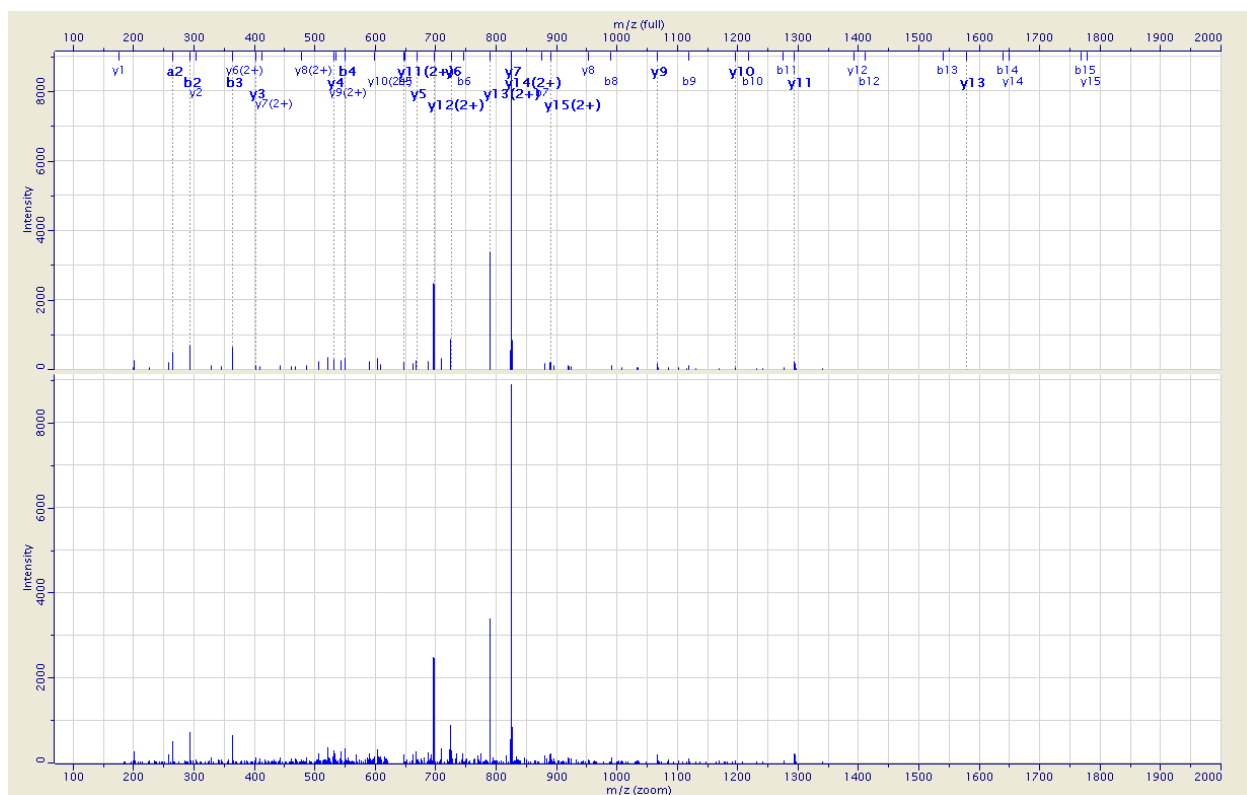| Protein Name	Hdac5
UniProt ID (IPI)	Q9Z2V6
Peptide Sequence identified	QQSTLIAVPLHGQSPLVTGER
Precursor m/z	744.4096
Mass error (ppm)	-0.34674
Charge	3
Mascot Score	31.05
False Positive Rate (FPR)	2.43E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

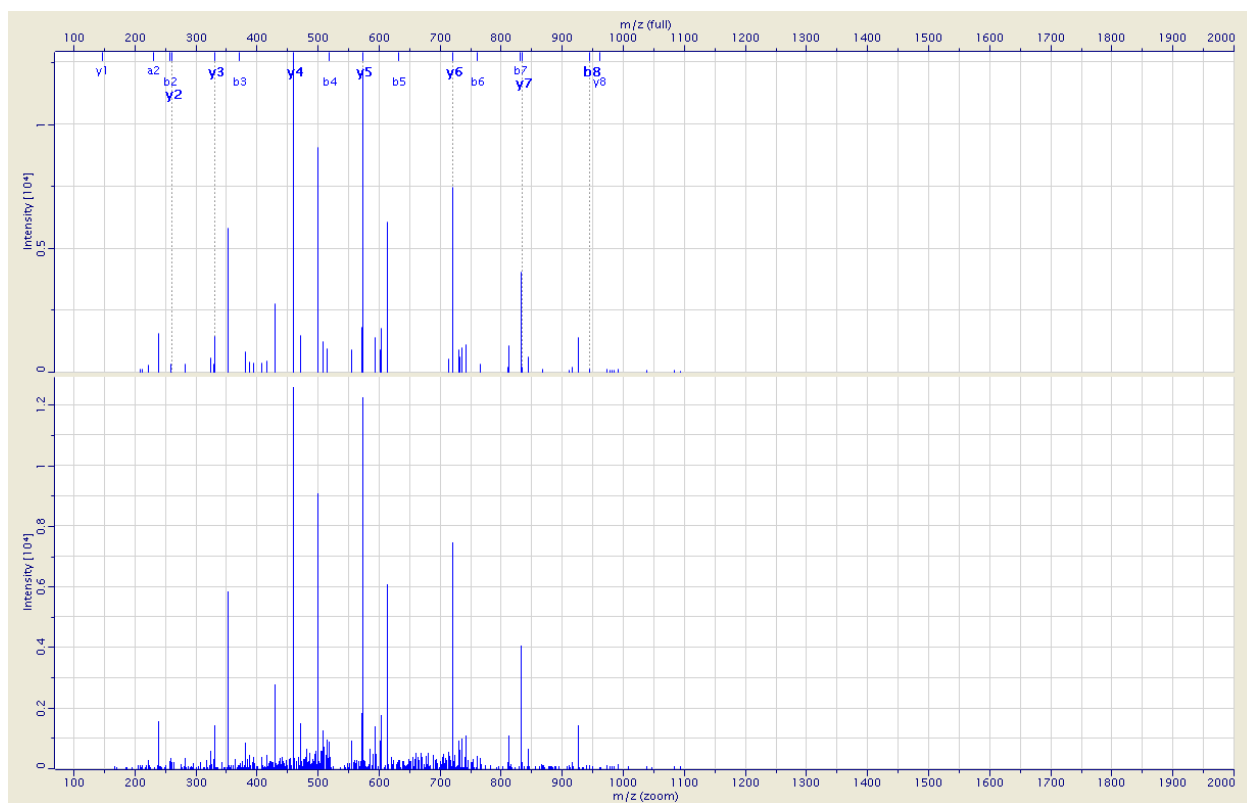| Protein Name	Ecgf1
UniProt ID (IPI)	Q8VCL2
Peptide Sequence identified	SAEQIVESIRR
Precursor m/z	429.90536
Mass error (ppm)	0.67352
Charge	3
Mascot Score	29.5
False Positive Rate (FPR)	1.03E-2

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

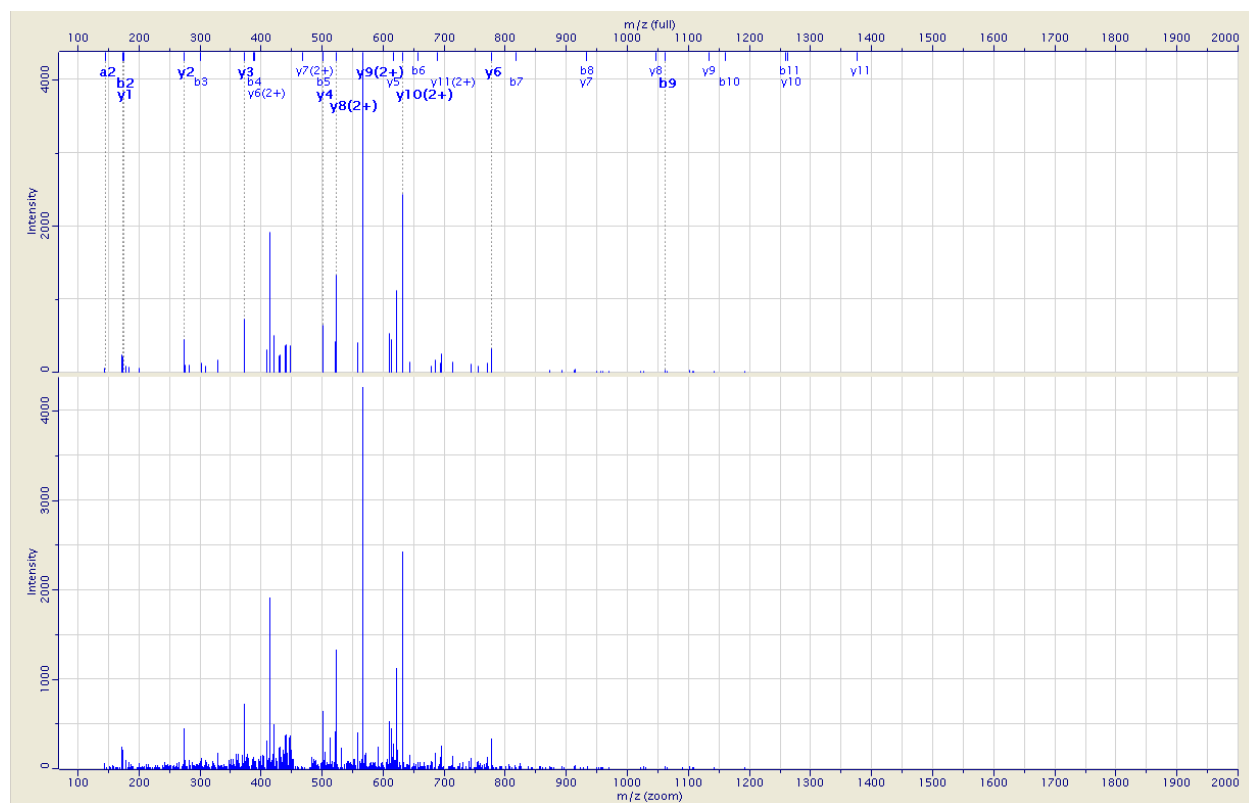| Protein Name	Cdh3
UniProt ID (IPI)	P10287
Peptide Sequence identified	YEAWVPENEVGHEVQR
Precursor m/z	647.97451
Mass error (ppm)	0.27703
Charge	3
Mascot Score	42.97
False Positive Rate (FPR)	4.46E-4

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

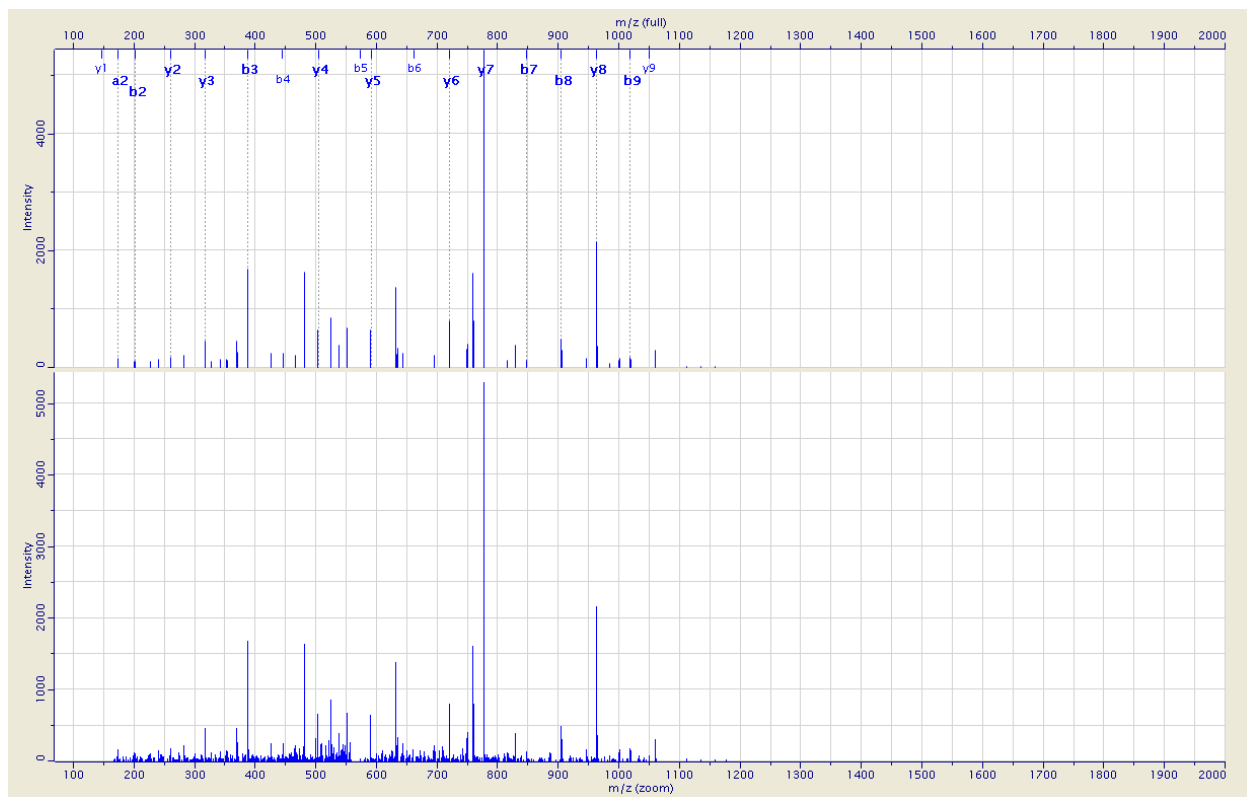| Protein Name	Fcgrt
UniProt ID (IPI)	Q61559
Peptide Sequence identified	EQLFLEALK
Precursor m/z	545.81078
Mass error (ppm)	0.78195
Charge	2
Mascot Score	30.98
False Positive Rate (FPR)	2.61E-2

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

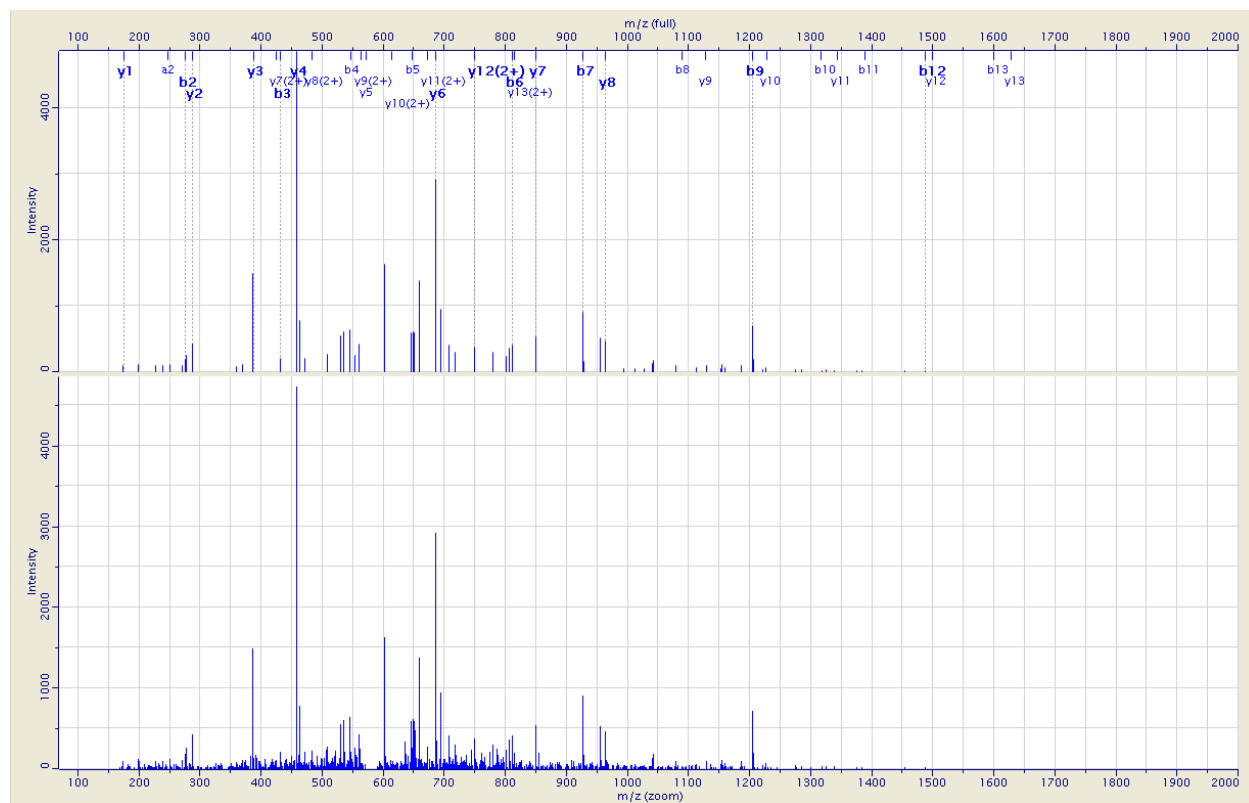| Protein Name	Tacstd2
UniProt ID (IPI)	O55130
Peptide Sequence identified	GDQSLRCDEVVR
Precursor m/z	478.5649
Mass error (ppm)	-0.16819
Charge	3
Mascot Score	29.64
False Positive Rate (FPR)	9.76E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

Protein Name	Ctsk
UniProt ID (IPI)	P55097
Peptide Sequence identified	NSWGESWGNK
Precursor m/z	582.75707
Mass error (ppm)	0.24089
Charge	2
Mascot Score	41.43
False Positive Rate (FPR)	4.77E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.

Protein Name	F10
UniProt ID (IPI)	O88947
Peptide Sequence identified	FQRDTYDYDIAVLR
Precursor m/z	592.29681
Mass error (ppm)	-0.085065
Charge	3
Mascot Score	28.05
False Positive Rate (FPR)	4.50E-3

Spectrum as presented by MaxQuant. The lower panel represents the raw spectrum, while the upper one represents the peak list submitted to MASCOT. Ions matched are shown in bold and connected by dashed lines to the corresponding peak.