

Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

3761

Method

TOF; CID

Score

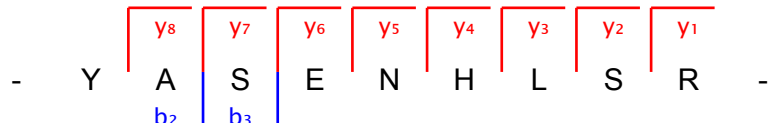
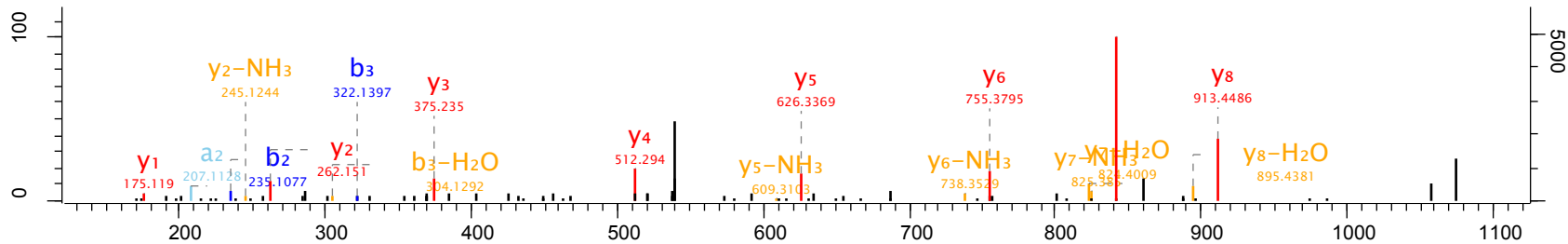
88.5

m/z

538.76

Gene names

TM4SF1



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

9153

Method

TOF; CID

Score

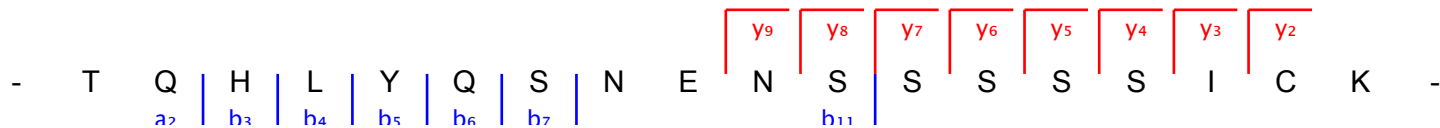
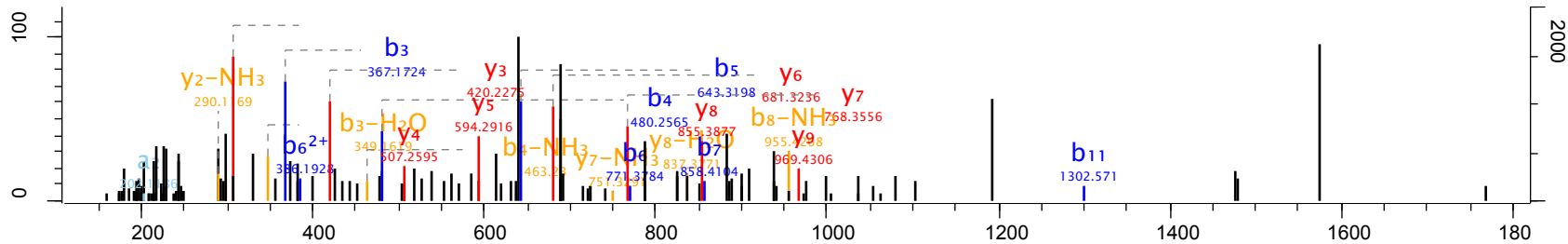
38.88

m/z

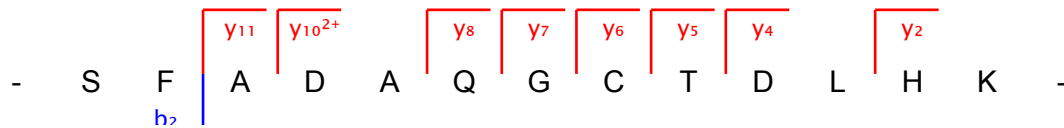
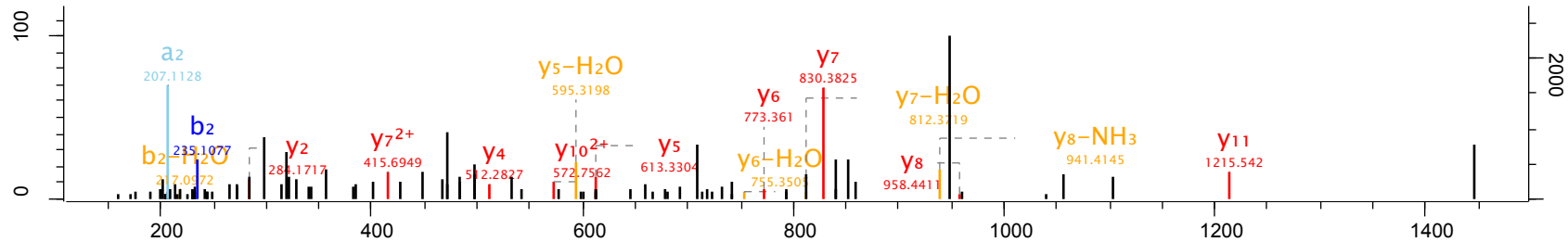
690.65

Gene names

SETD5



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract1_dyn_5ul_B1_01_436	11407	TOF; CID	44.51	483.88	KLHL5



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

11708

Method

TOF; CID

Score

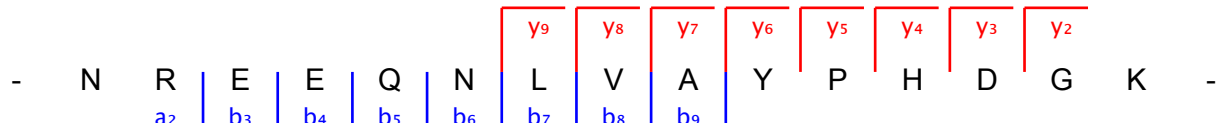
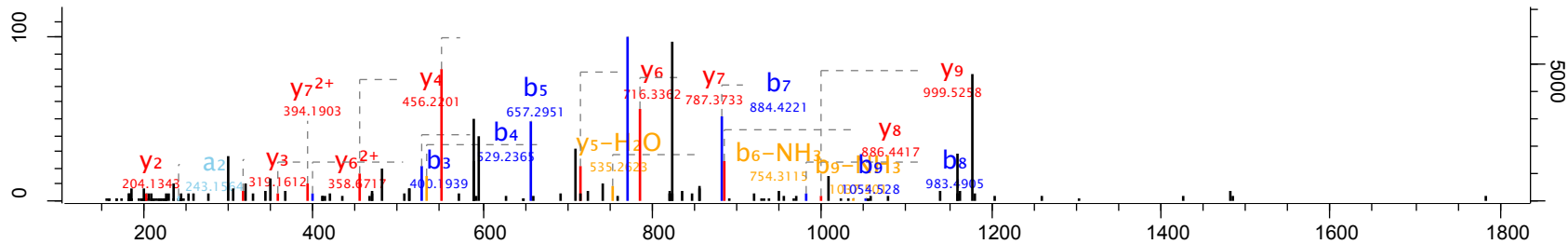
48.71

m/z

590.62

Gene names

PRDM4



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

12547

Method

TOF; CID

Score

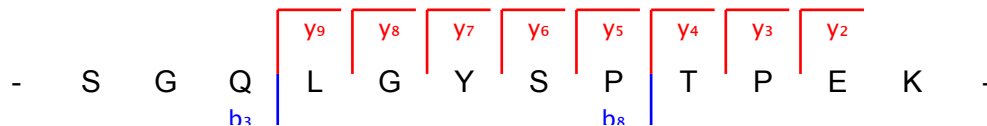
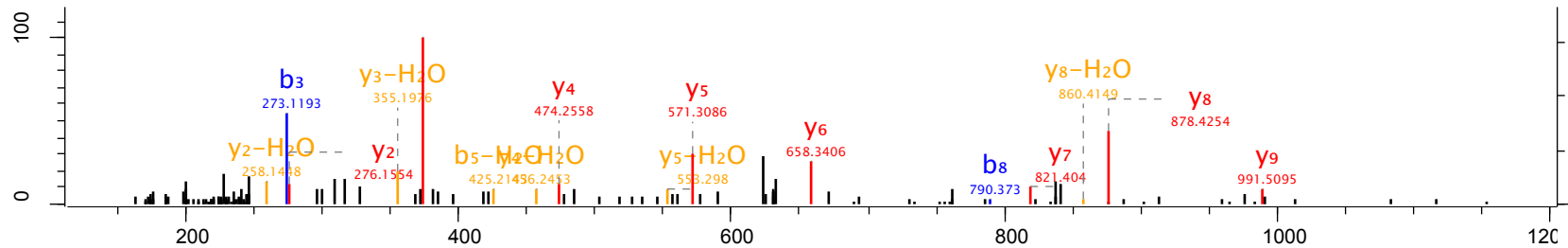
59.23

m/z

632.32

Gene names

HERC6



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

17592

Method

TOF; CID

Score

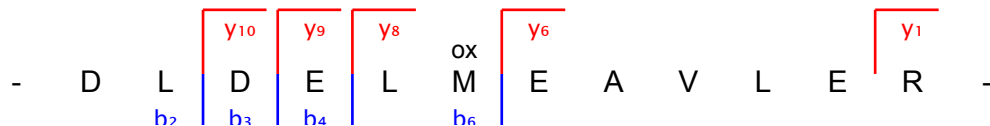
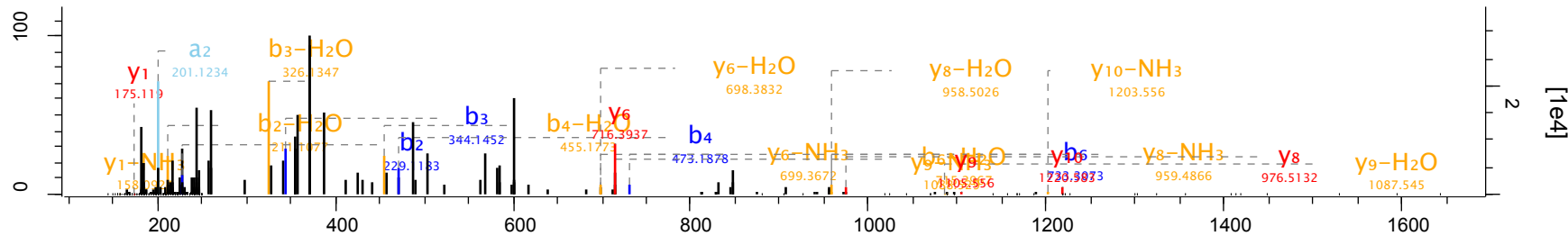
81.8

m/z

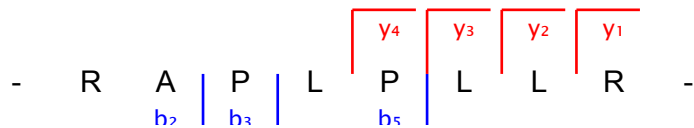
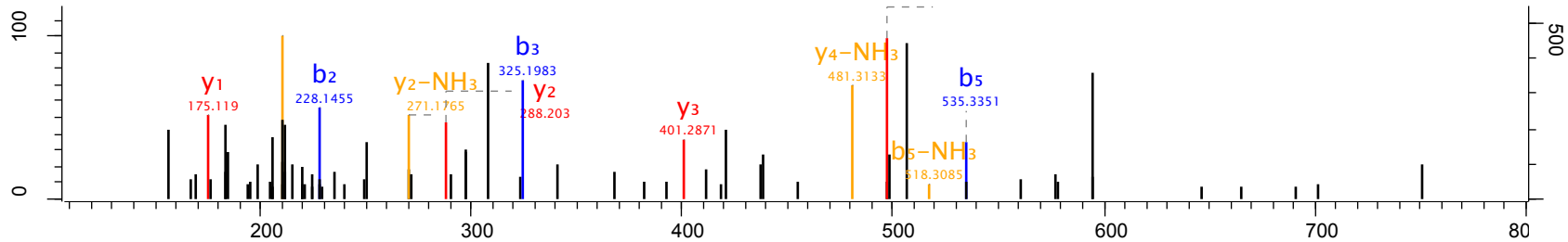
726.36

Gene names

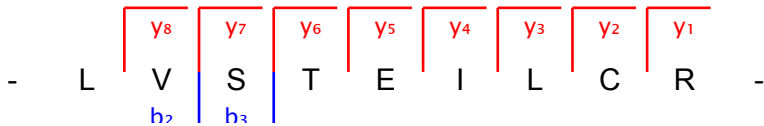
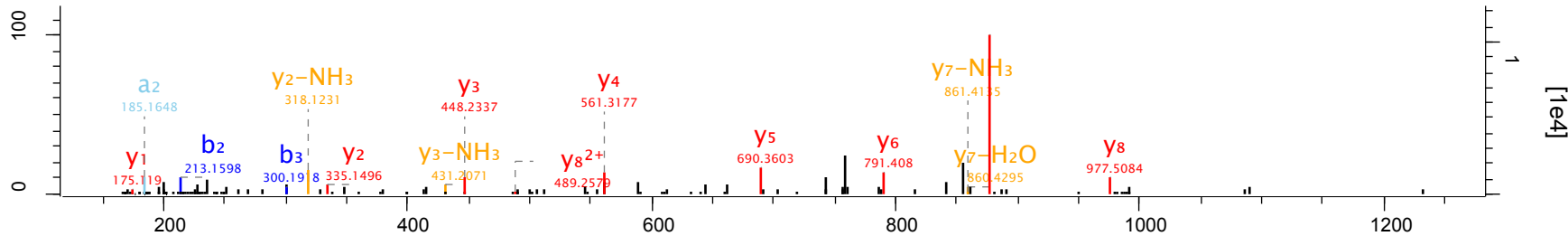
SCNN1B



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract1_dyn_5ul_B1_01_436	18212	TOF; CID	77.06	312.54	ZNF668



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract1_dyn_5ul_B1_01_436	21807	TOF; CID	82.29	545.82	CDCA4



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

22467

Method

TOF; CID

Score

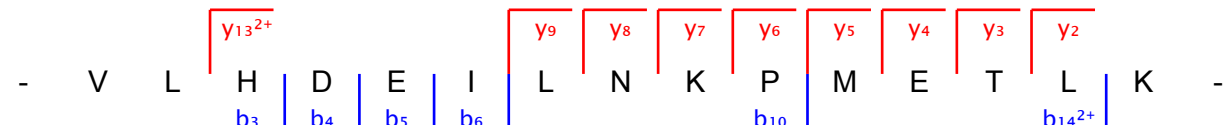
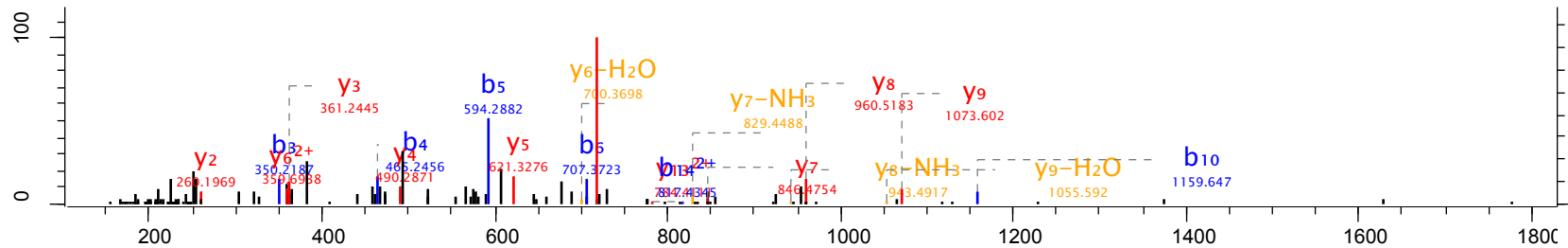
77.42

m/z

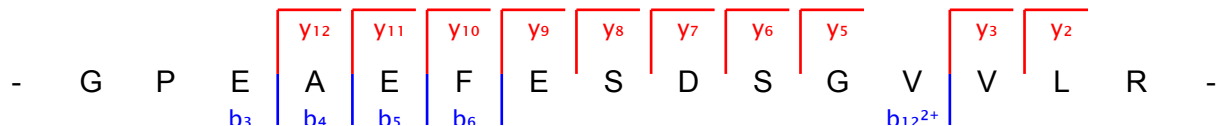
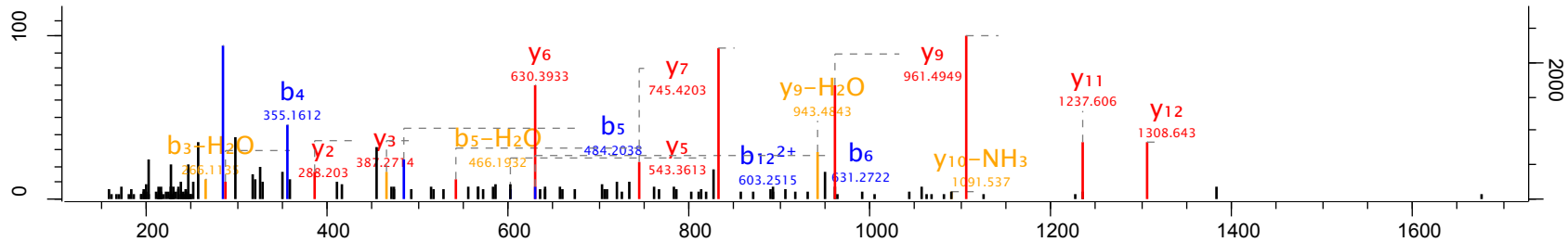
445.75

Gene names

SLC35A3



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract1_dyn_5ul_B1_01_436	25443	TOF; CID	68.28	796.39	SRRD



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

27361

Method

TOF; CID

Score

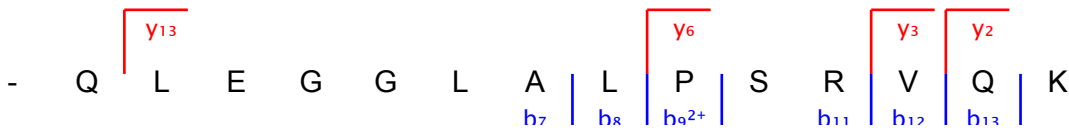
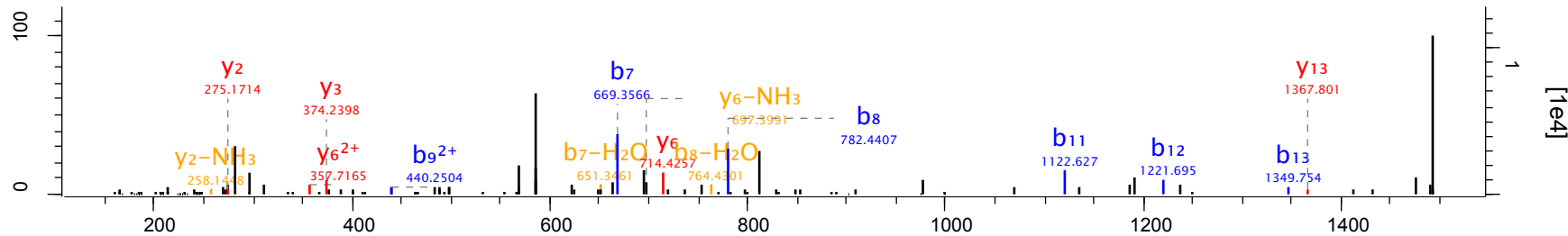
47.77

m/z

499.29

Gene names

SPATA31C2;SPATA31C1



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

28512

Method

TOF; CID

Score

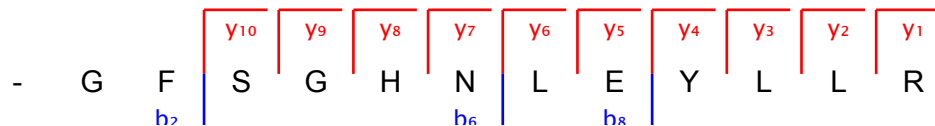
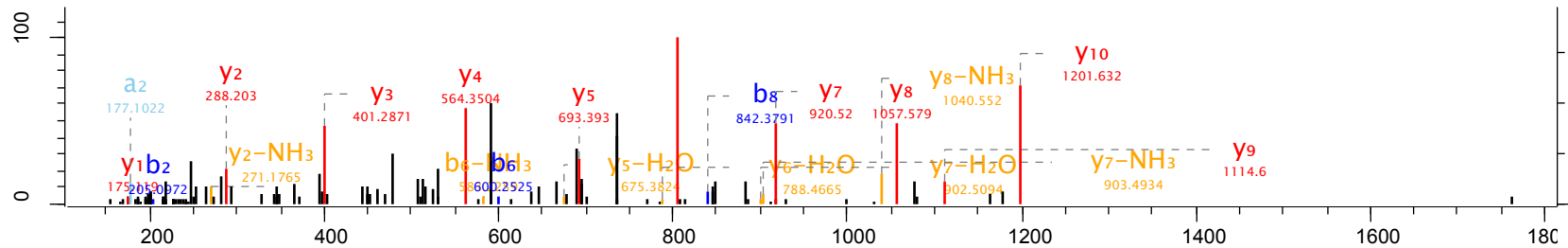
65.29

m/z

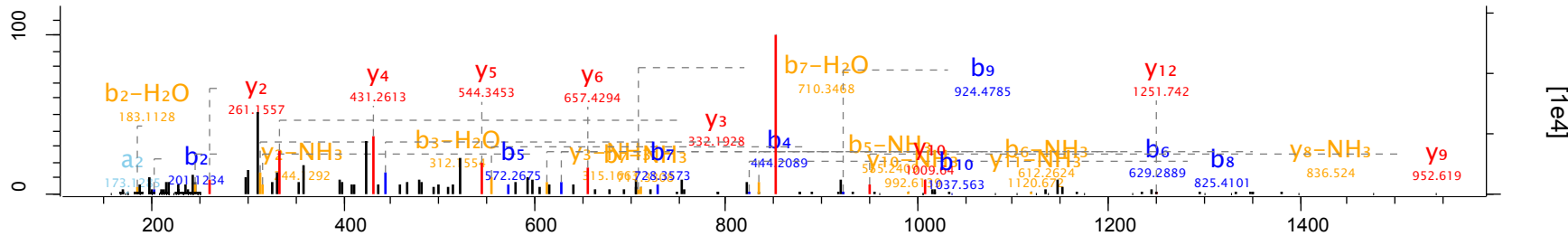
469.25

Gene names

CHAC1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract1_dyn_5ul_B1_01_436	29388	TOF; CID	66.57	790.96	ARL4A

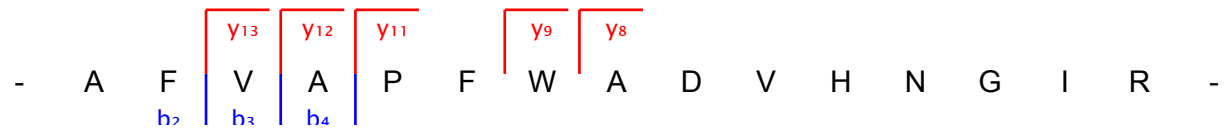
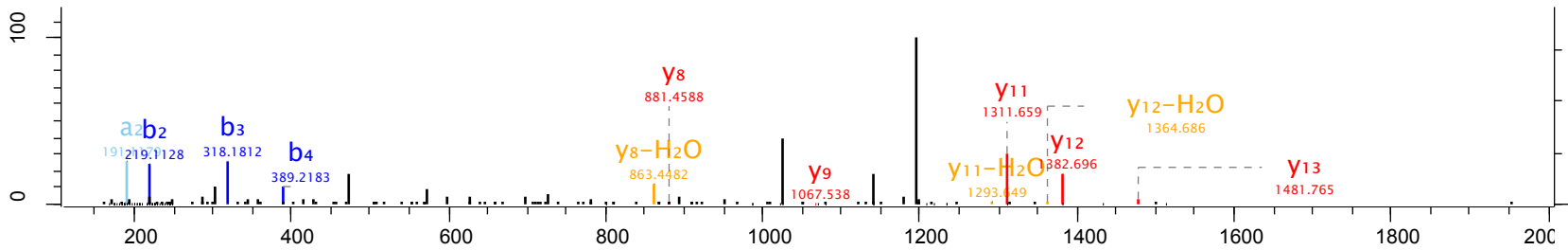


- I S E N Q G V P V L I V A N K -

h₂ | h₄ | h₅ | h₆ | h₇ | h₈ | h₉ | h₁₀

y₁₂ | y₁₀ | y₉ | y₈ | y₆ | y₅ | y₄ | y₃ | y₂

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract1_dyn_5ul_B1_01_436	30244	TOF; CID	41.62	567.3	TECTA



[1e4]

Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

30678

Method

TOF; CID

Score

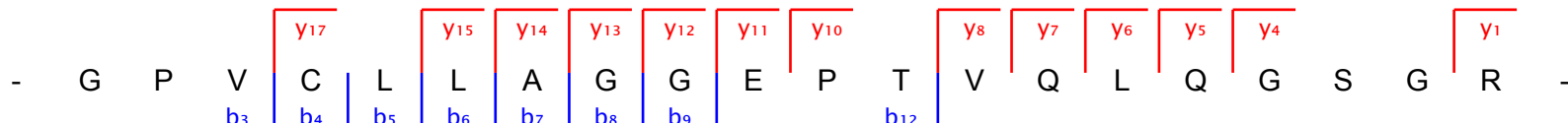
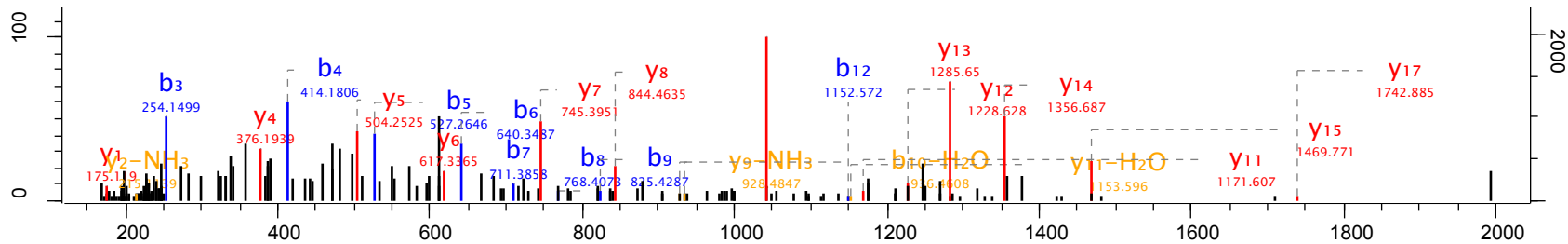
61.28

m/z

999.02

Gene names

GLYCTK



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

32676

Method

TOF; CID

Score

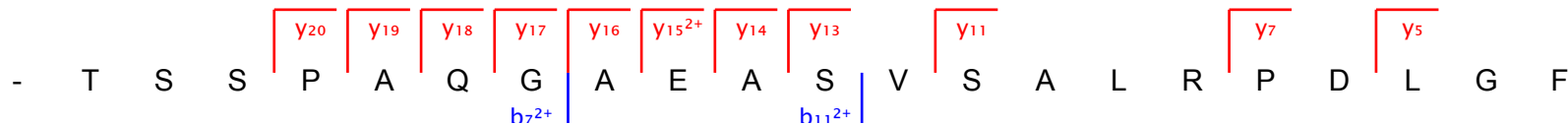
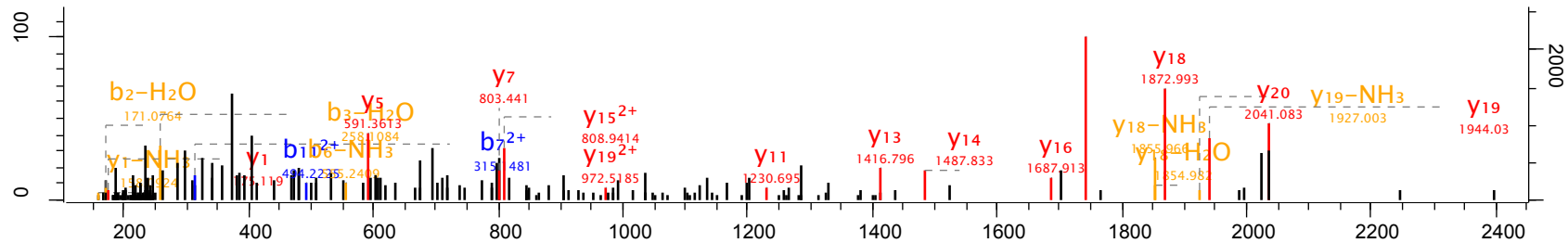
44.34

m/z

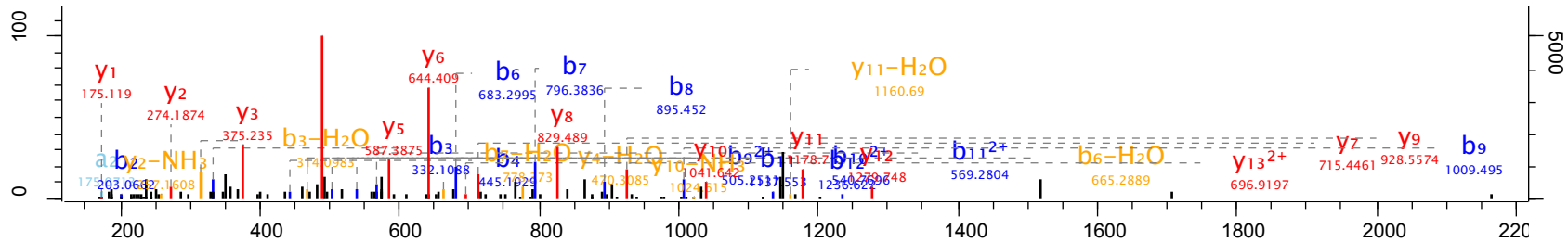
772.74

Gene names

PLLP



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract1_dyn_5ul_B1_01_436	34114	TOF; CID	126.91	575.32	STK19



- D S E I T H L V N A G V L T V R -

b₂ | b₃ | y₁₃²⁺ | y₁₂ | y₁₁ | y₁₀ | y₉ | y₈ | y₇ | y₆ | y₅ | y₄ | y₃ | y₂ | y₁

b₄ | b₆ | b₇ | b₈ | b₉ | b₁₀²⁺ | b₁₁ | b₁₂

Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

37990

Method

TOF; CID

Score

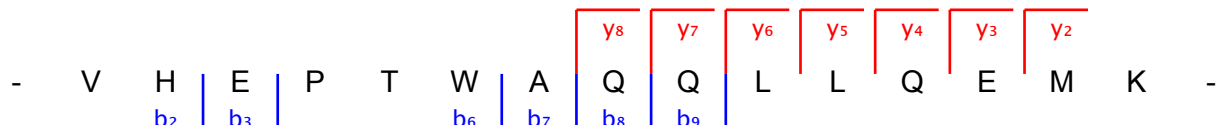
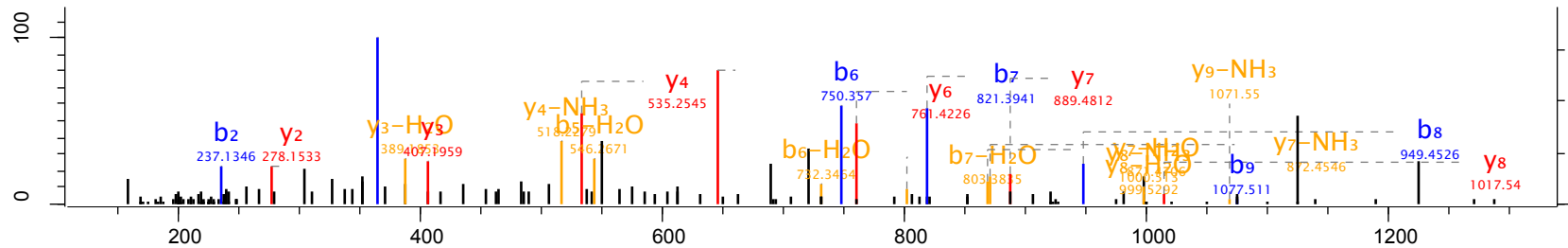
101.3

m/z

613.31

Gene names

TMEM234



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

38064

Method

TOF; CID

Score

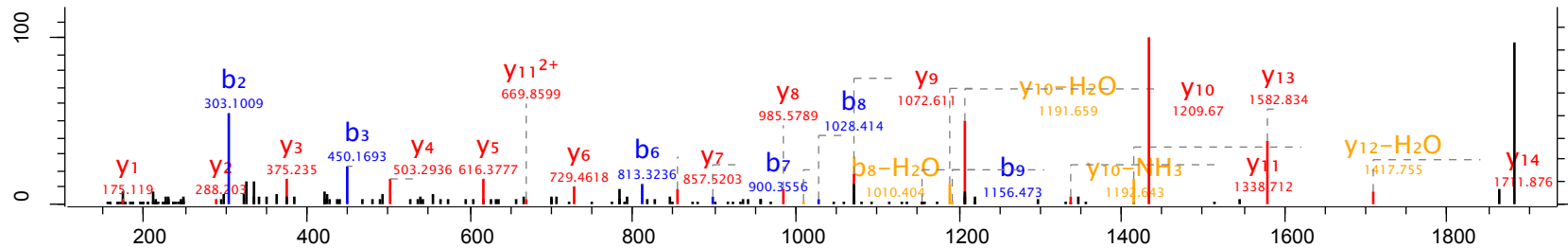
95.2

m/z

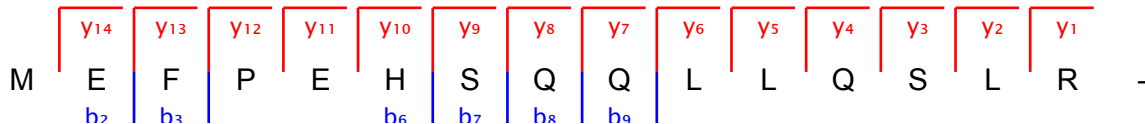
943.47

Gene names

ZBTB3



ac



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

39762

Method

TOF; CID

Score

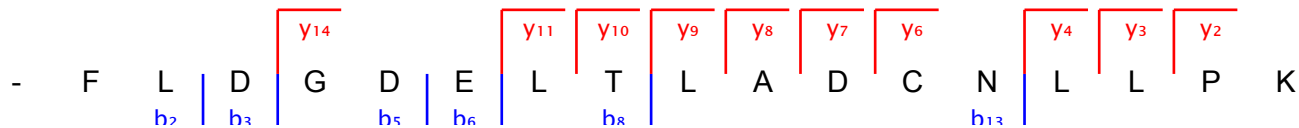
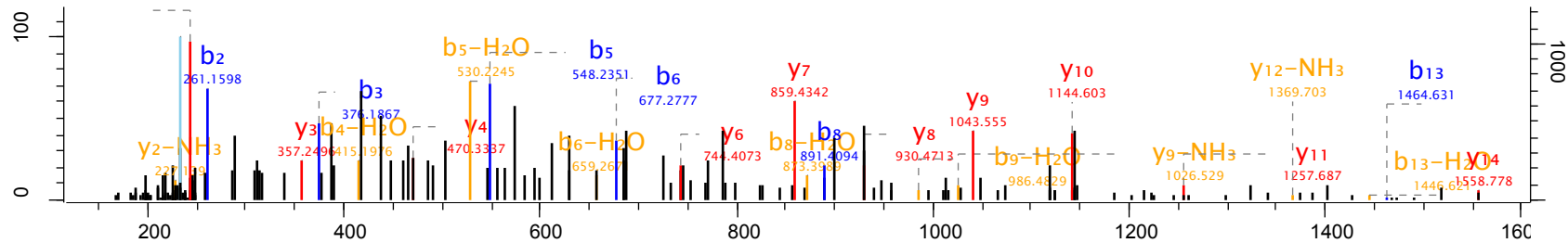
83.37

m/z

967.99

Gene names

CLIC5;CLIC6



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

3804

Method

TOF; CID

Score

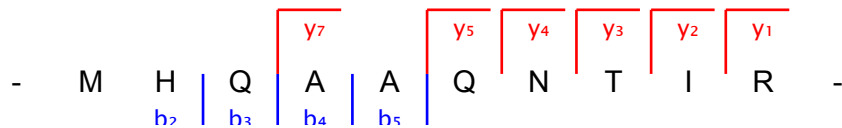
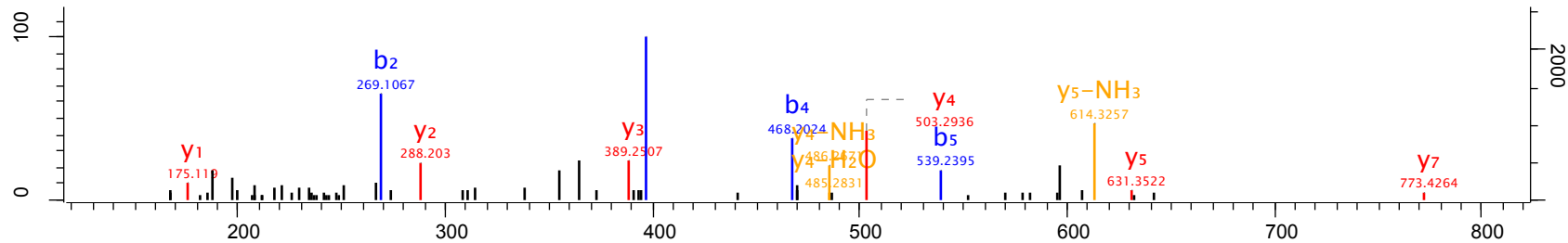
76.23

m/z

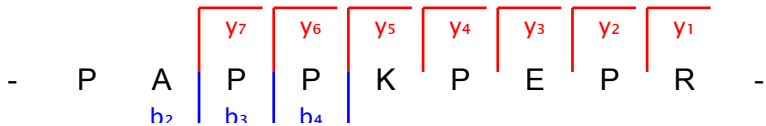
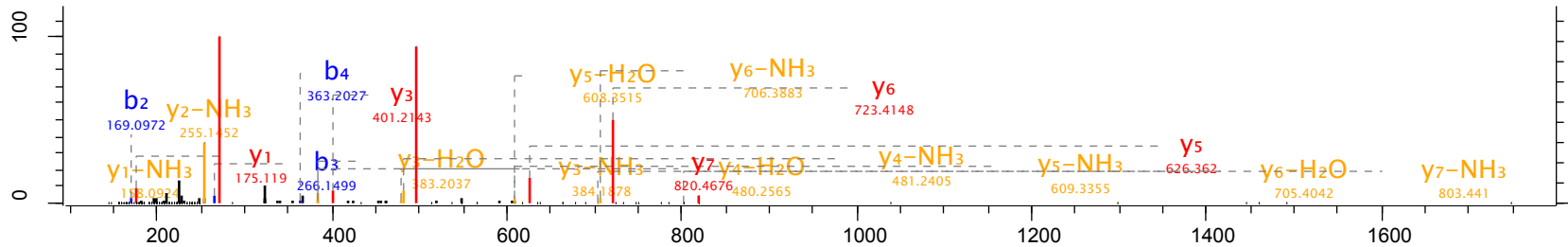
390.53

Gene names

BBIP1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract2_dyn_5ul_B2_01_437	4899	TOF; CID	119.21	330.19	HMGN4



[1e4]

Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

Method

Score

m/z

Gene names

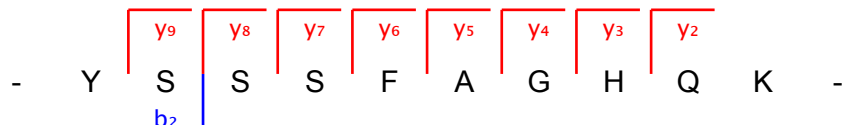
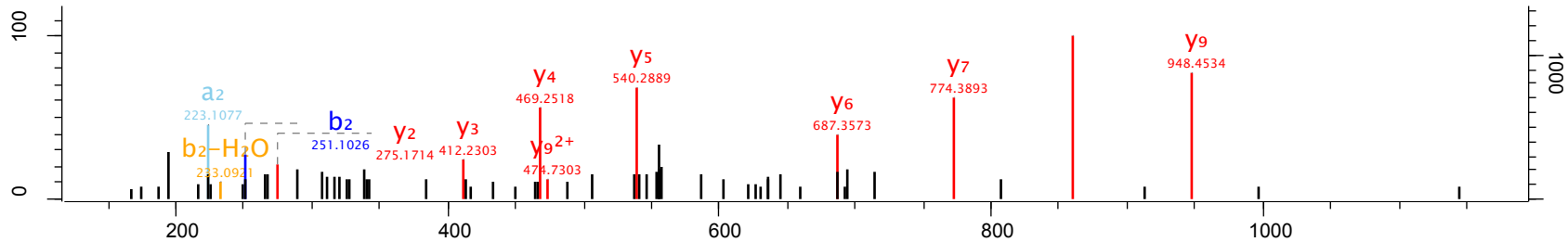
4992

TOF; CID

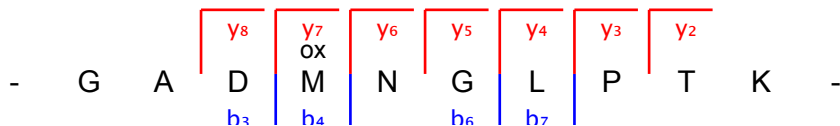
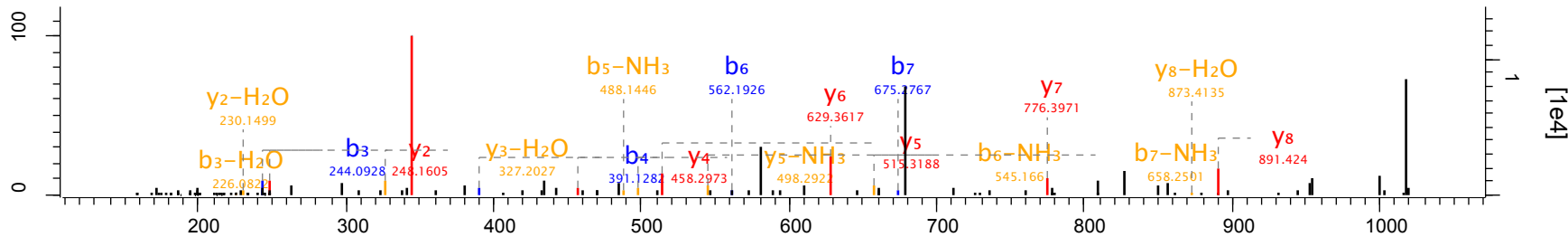
67.33

556.26

ZNF485



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract2_dyn_5ul_B2_01_437	7133	TOF; CID	73.67	510.75	C18orf32



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

9624

Method

TOF; CID

Score

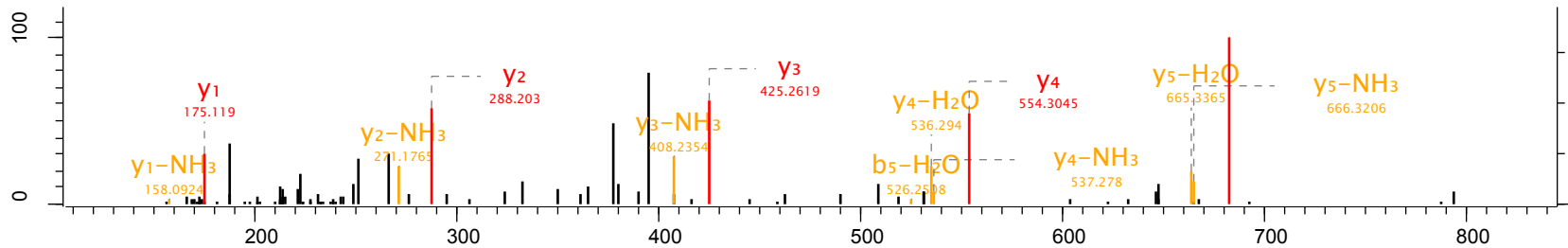
79.47

m/z

323.51

Gene names

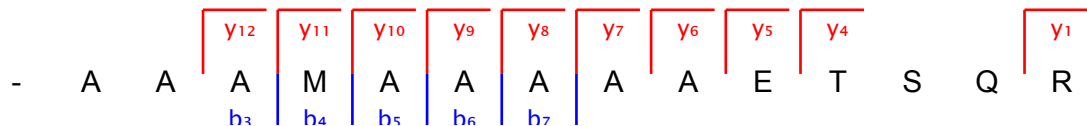
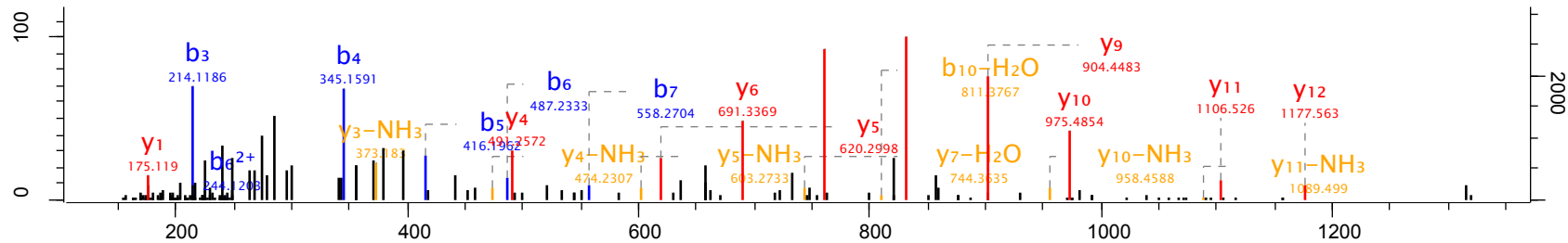
CHIC1



- V V S E E H L R -

Fragmentation diagram showing the sequence of amino acids: V, V, S, E, E, H, L, R. The diagram indicates the fragmentation sites for the y-series ions (y1 to y5) and the b5 ion, with red brackets above the sequence.

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract2_dyn_5ul_B2_01_437	11066	TOF; CID	79.64	660.32	NDFIP2



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

12490

Method

TOF; CID

Score

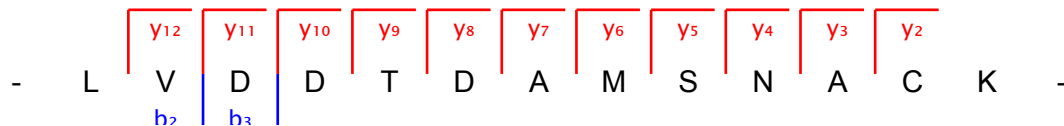
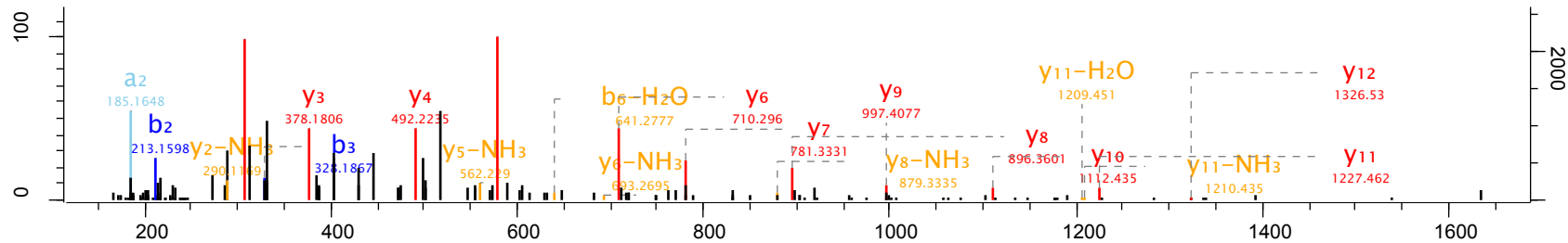
72.89

m/z

720.31

Gene names

LEPROTL1



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

13182

Method

TOF; CID

Score

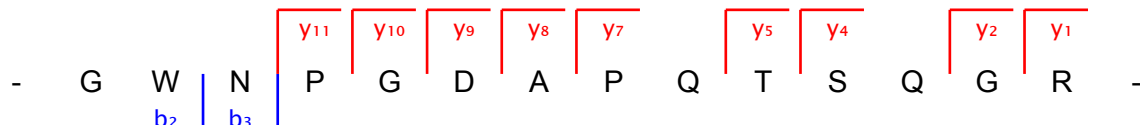
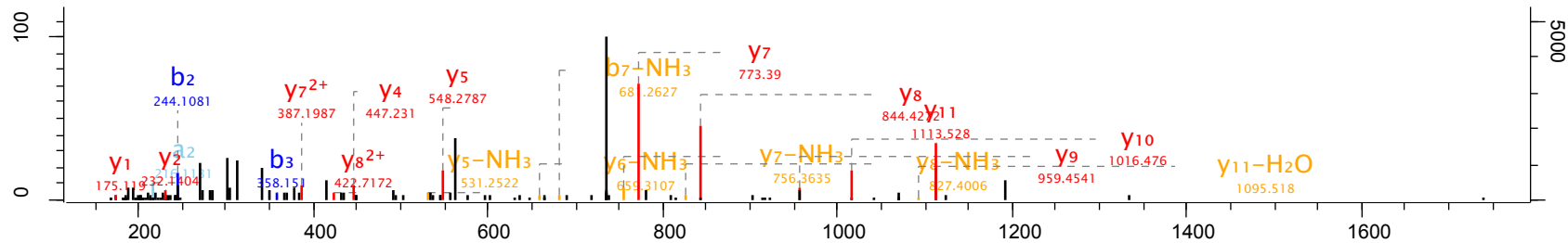
54.9

m/z

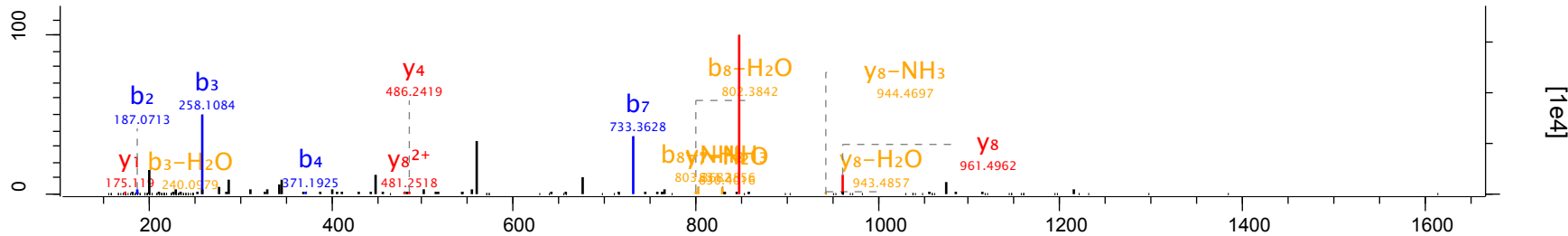
735.84

Gene names

ZNF276



Raw file	Scan	Method	Score	m/z
20140925_fract2_dyn_5ul_B2_01_437	15478	TOF; CID	72.2	609.8



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

18205

Method

TOF; CID

Score

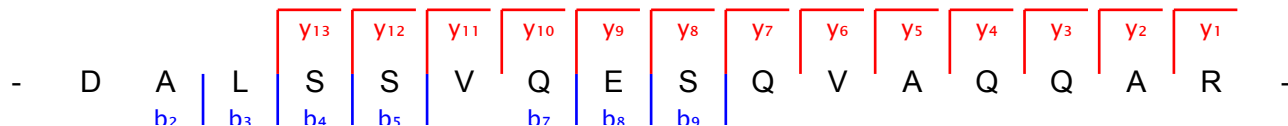
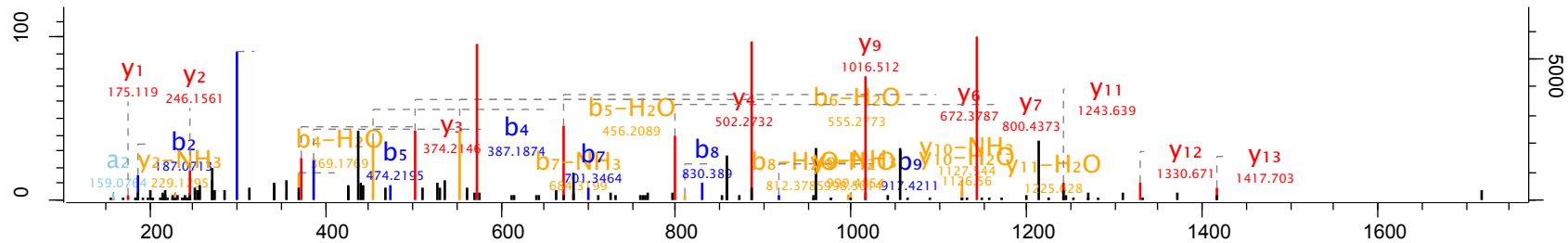
120.63

m/z

858.93

Gene names

APOC3



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

22456

Method

TOF; CID

Score

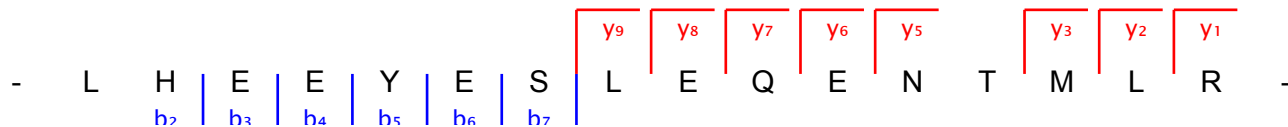
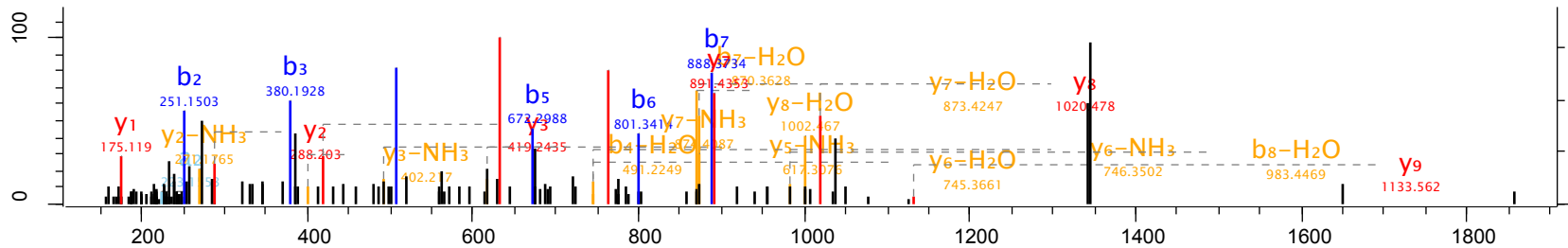
118.52

m/z

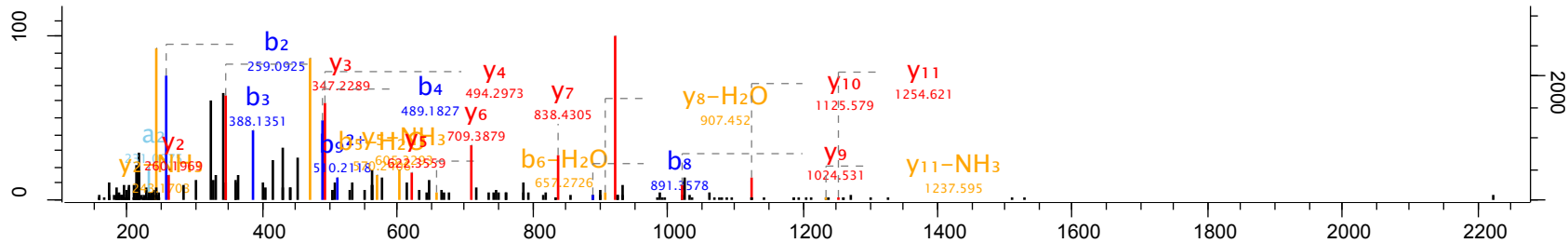
674.31

Gene names

BATF3



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract2_dyn_5ul_B2_01_437	25530	TOF; CID	101.32	756.86	FAM73A



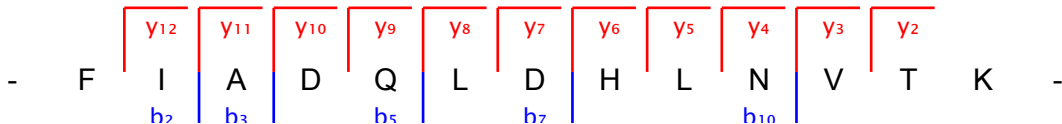
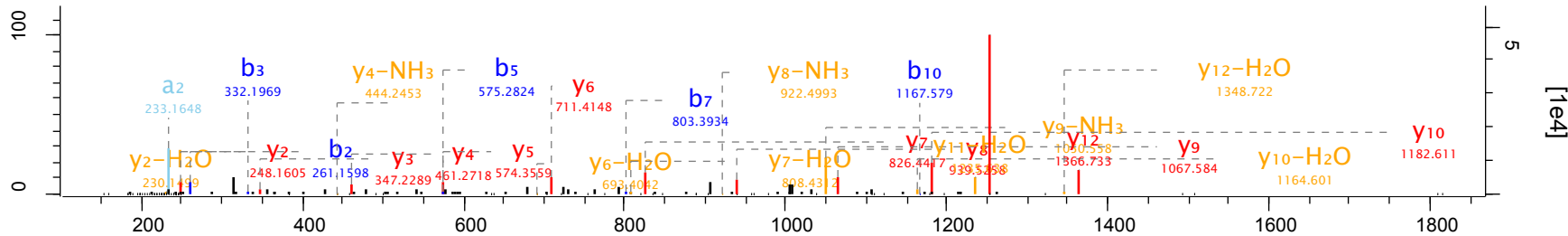
ac

- S E E T V S E S Q F S L K -

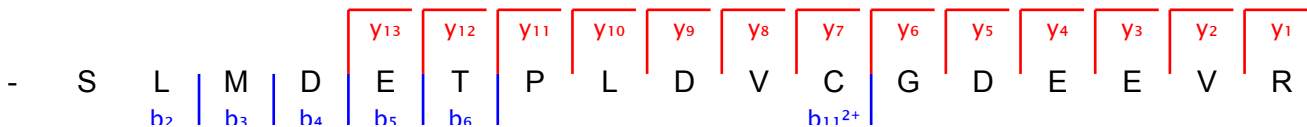
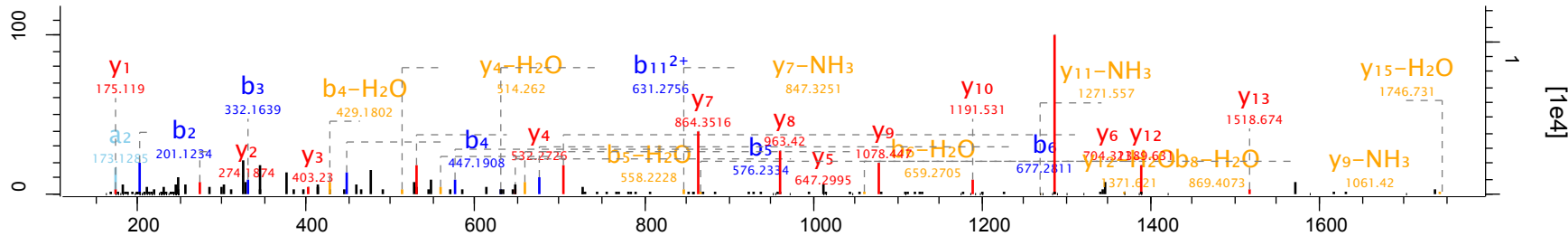
b₂ b₃ b₄ b₈ b₉²⁺

y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₅ y₄ y₃ y₂

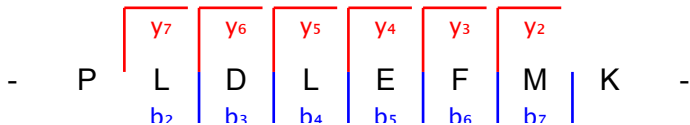
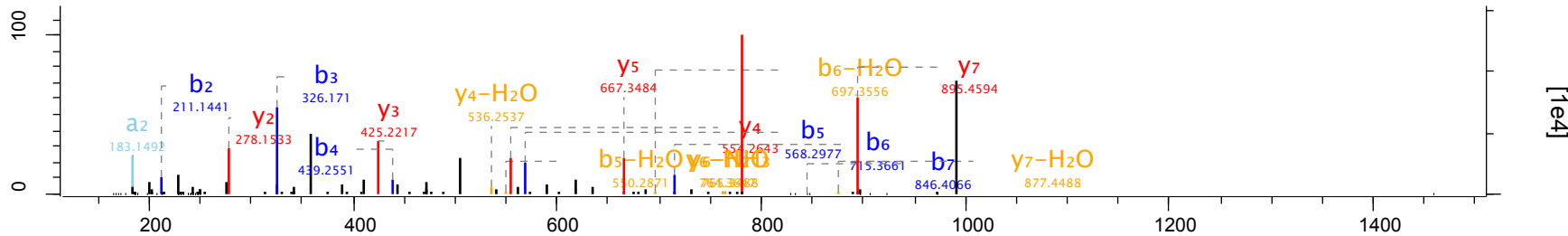
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract2_dyn_5ul_B2_01_437	26853	TOF; CID	116.63	505.27	MRPL57



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract2_dyn_5ul_B2_01_437	29916	TOF; CID	101.05	983.44	PPP1R16A



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract2_dyn_5ul_B2_01_437	30628	TOF; CID	110.41	496.76	SEPT3



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

30785

Method

TOF; CID

Score

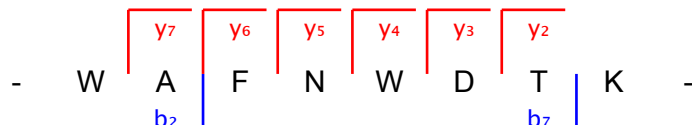
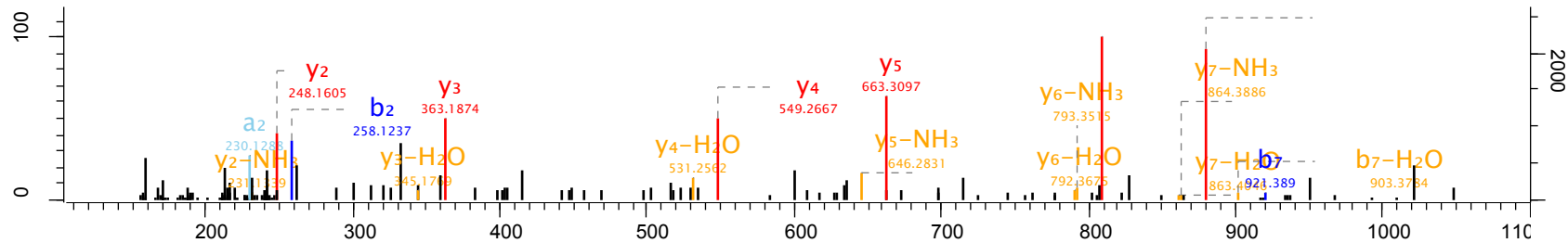
99.44

m/z

534.25

Gene names

HYAL1



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

31476

Method

TOF; CID

Score

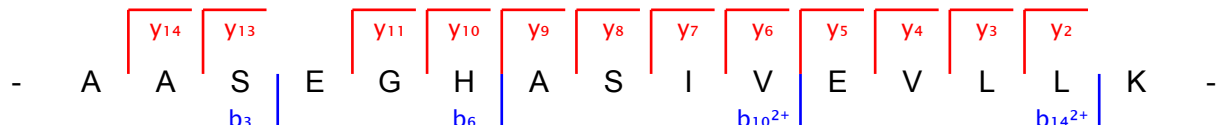
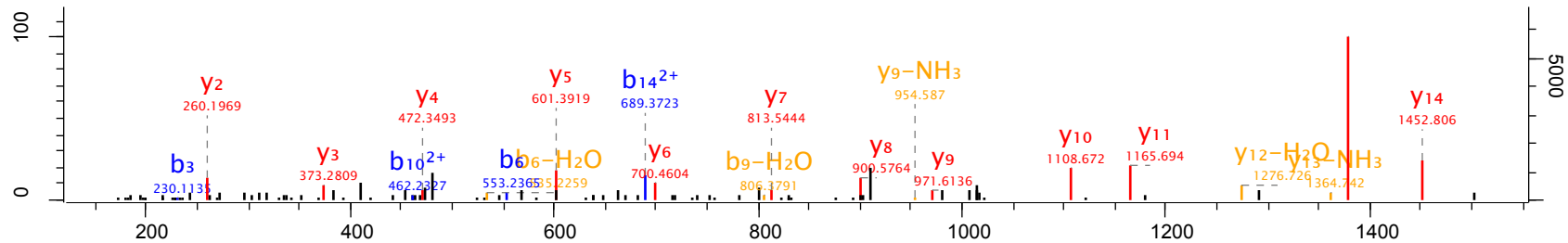
74.3

m/z

508.62

Gene names

GABPB1



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

33699

Method

TOF; CID

Score

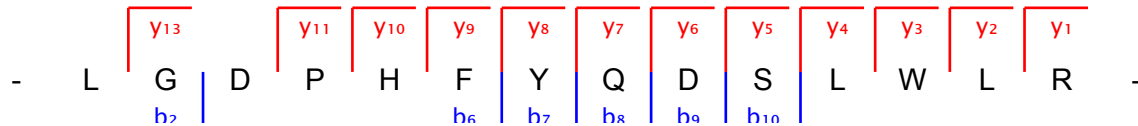
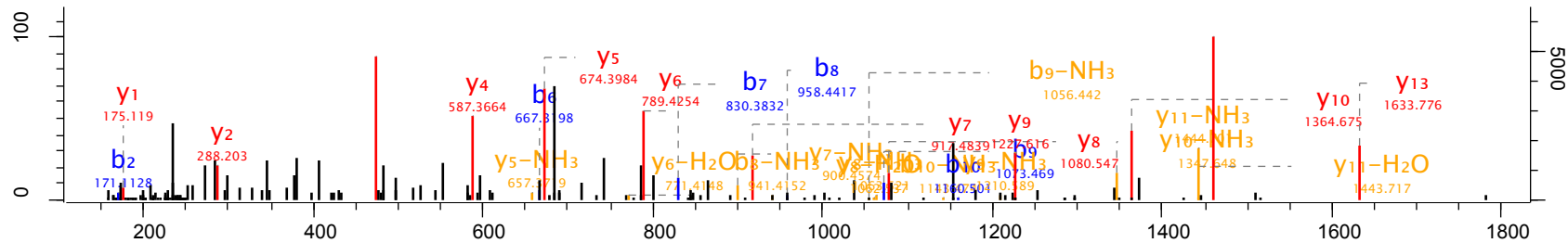
97.22

m/z

583.3

Gene names

TMEM138



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

36475

Method

TOF; CID

Score

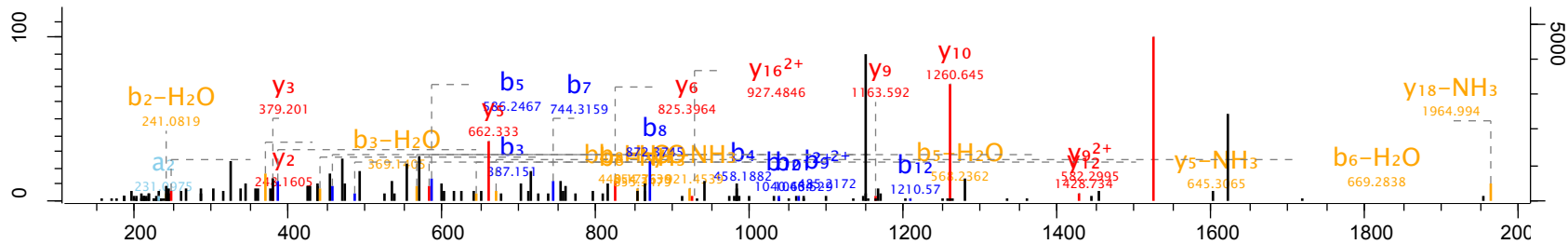
29.84

m/z

984.49

Gene names

HOXC5



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

36693

Method

TOF; CID

Score

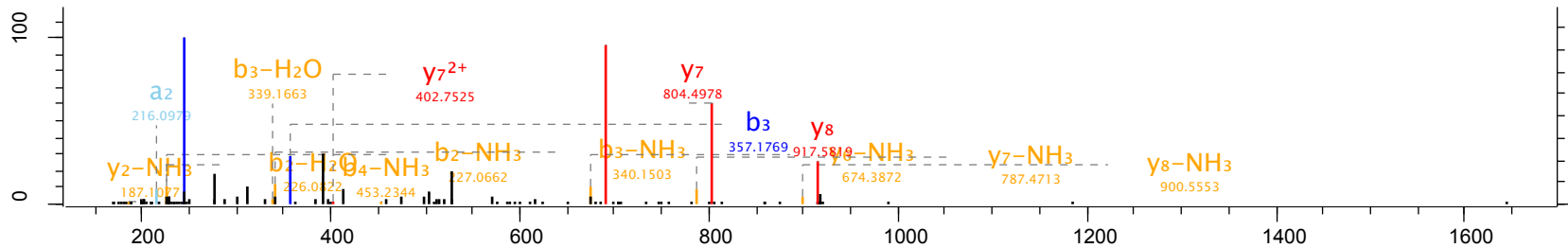
74.46

m/z

580.84

Gene names

ZBED9



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

37413

Method

TOF; CID

Score

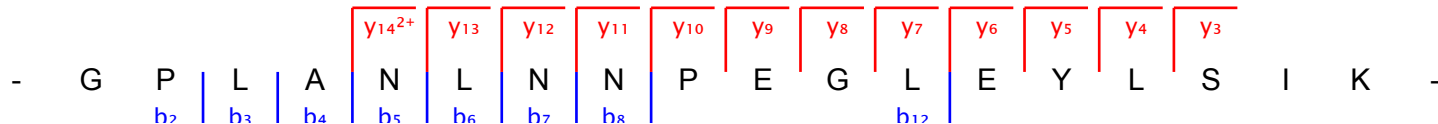
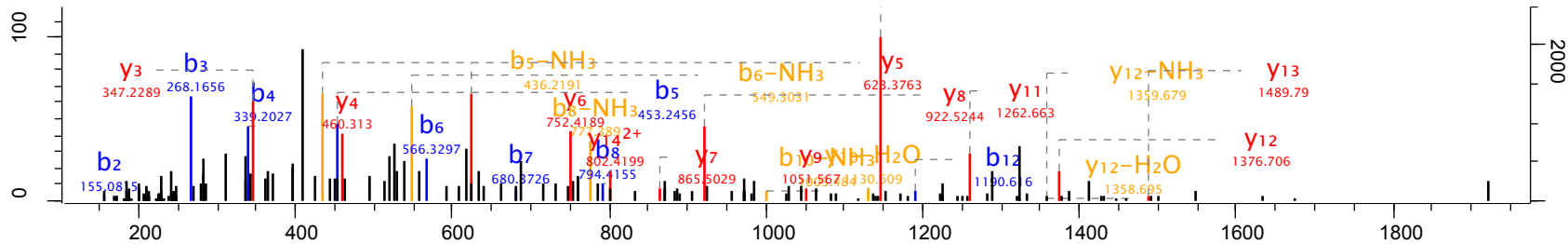
73.92

m/z

972.02

Gene names

SLC10A7



Raw file

20140925_fract2_dyn_5ul_B2_01_437

Scan

41459

Method

TOF; CID

Score

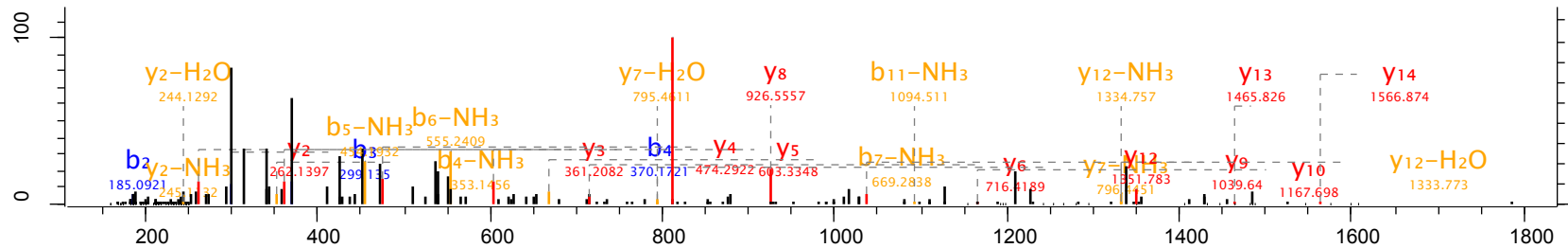
47.69

m/z

1020.5

Gene names

LSM5



ac

-

A

A

N

A

T

T

N

P

S

Q

L

L

P

L

E

L

V

D

K

-

y₁₄y₁₃y₁₂y₁₀y₉y₈y₇y₆y₅y₄y₃y₂b₂y₂-NH₃

245.1132

262.1397

453.3952

299.135

353.1456

361.2082

370.1721

474.2922

603.3348

669.2838

716.4189

796.4451

795.4611

926.5557

1039.64

1167.698

1465.826

1566.874

1333.773

y₂-H₂O

244.1292

262.1397

453.3952

299.135

353.1456

361.2082

370.1721

474.2922

603.3348

669.2838

716.4189

796.4451

795.4611

926.5557

1039.64

1167.698

1465.826

1566.874

1333.773

100

0

200

400

600

800

1000

1200

1400

1600

1800

Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

2670

Method

TOF; CID

Score

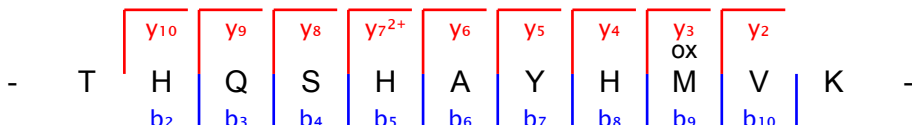
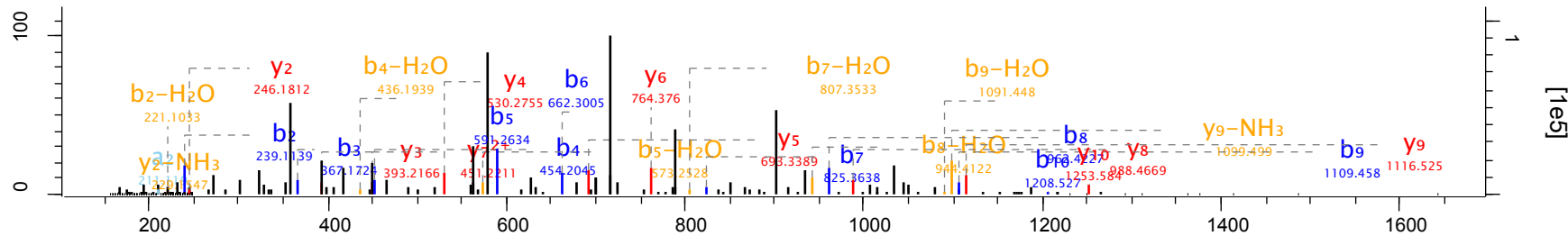
101.39

m/z

452.21

Gene names

MT-CO3



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract3_dyn_5ul_B3_01_438

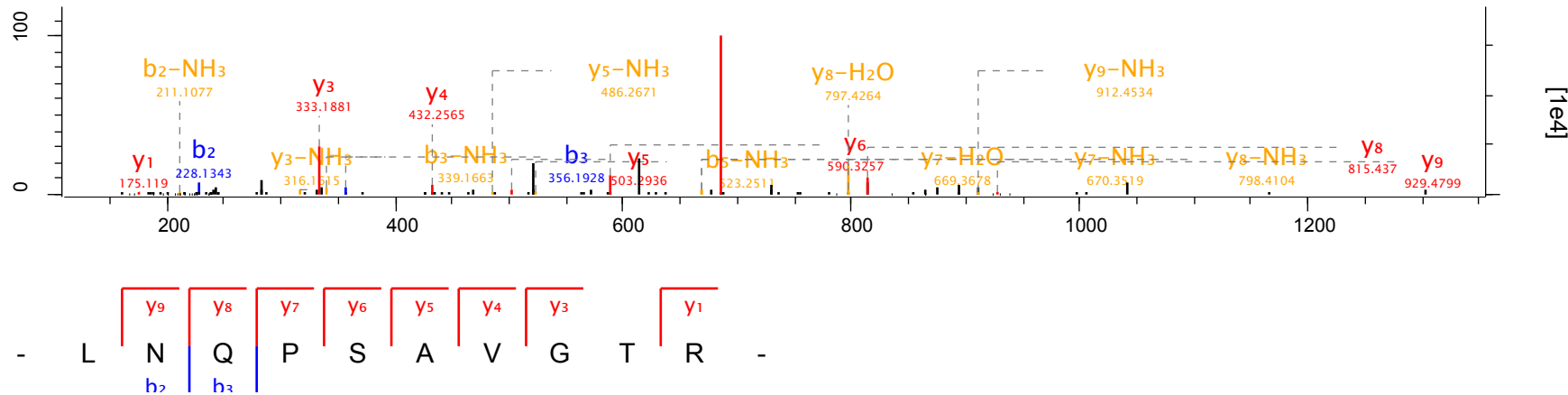
8033

TOF; CID

88.06

521.79

HIPK3



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

12301

Method

TOF; CID

Score

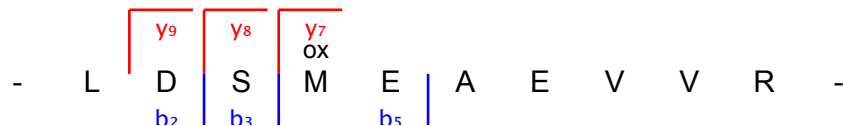
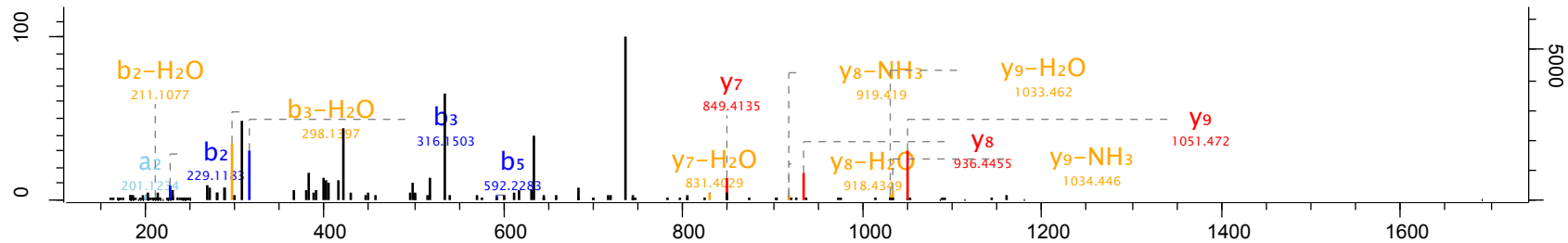
61.78

m/z

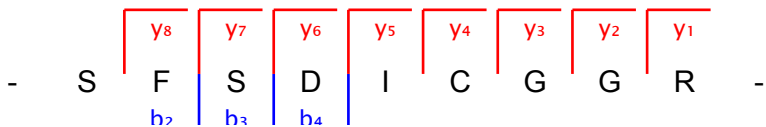
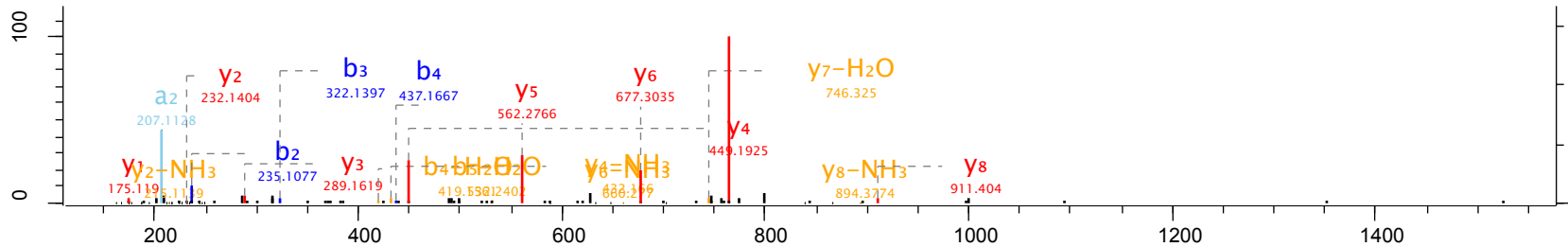
582.78

Gene names

CCDC151



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract3_dyn_5ul_B3_01_438	12772	TOF; CID	91.09	499.72	PIGH



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

14078

Method

TOF; CID

Score

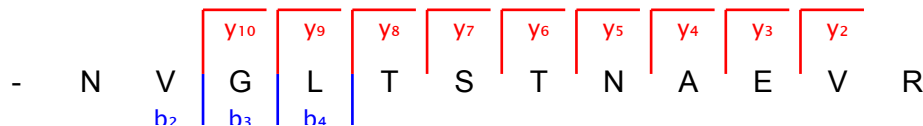
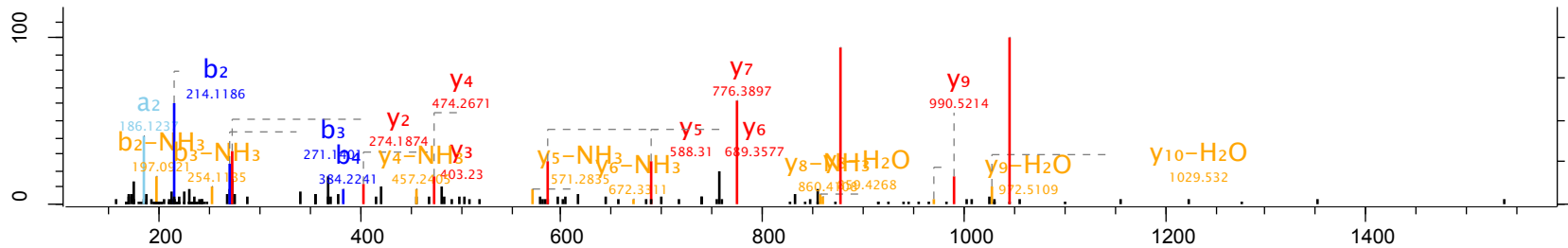
122.33

m/z

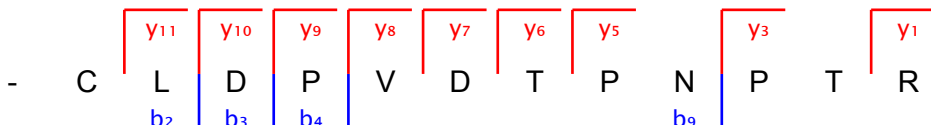
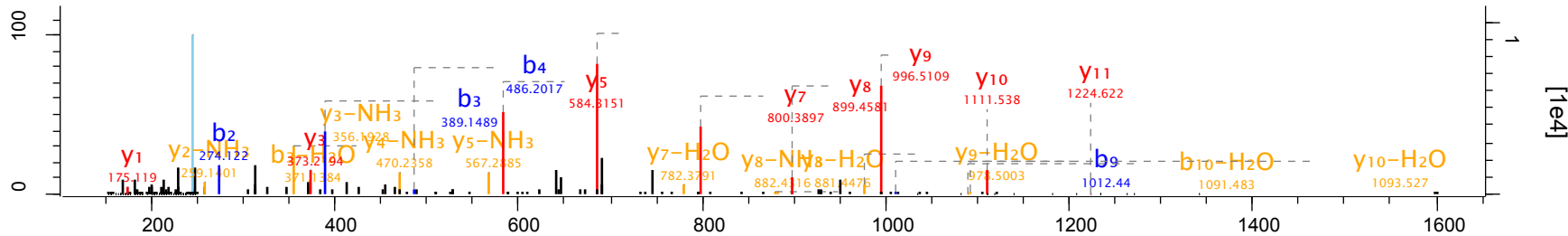
630.83

Gene names

TFDP2



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract3_dyn_5ul_B3_01_438	17414	TOF; CID	120.57	692.83	SLPI



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

17637

Method

TOF; CID

Score

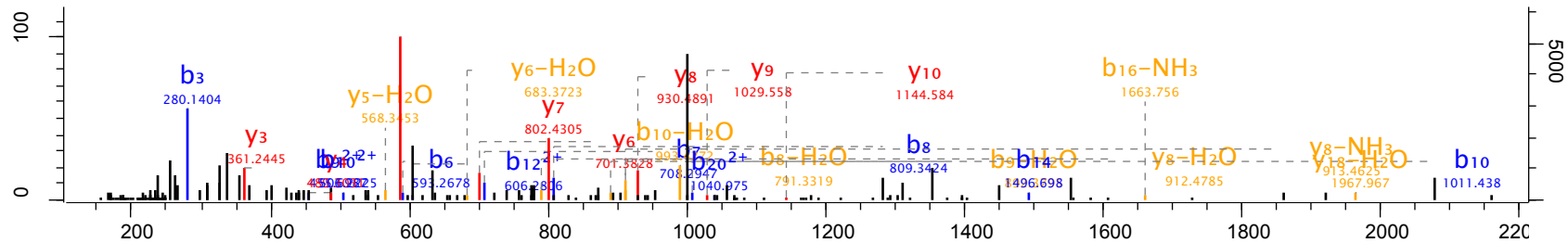
33.32

m/z

778.38

Gene names

FXVD5



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

21328

Method

TOF; CID

Score

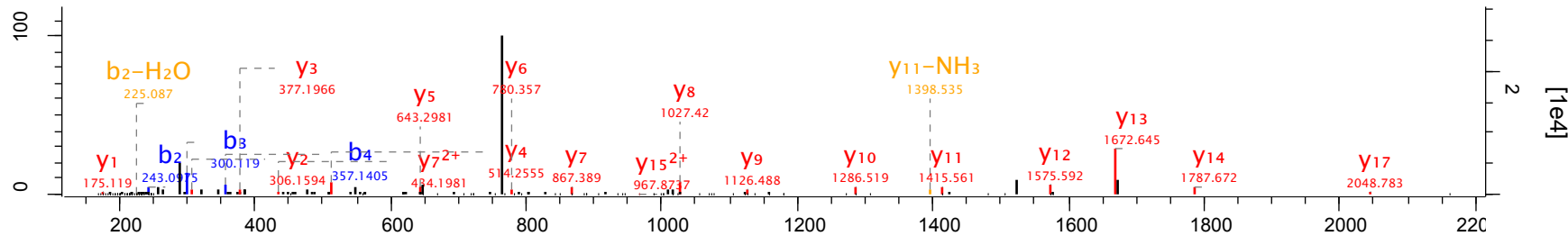
69.75

m/z

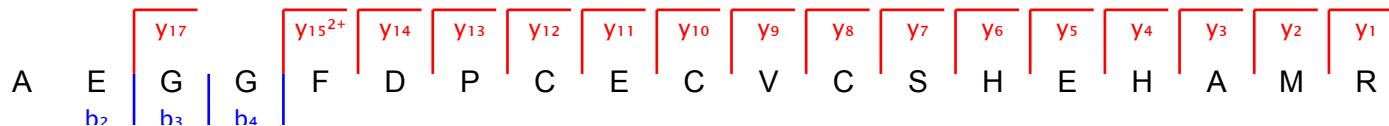
764.63

Gene names

SMIM14



ac



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract3_dyn_5ul_B3_01_438

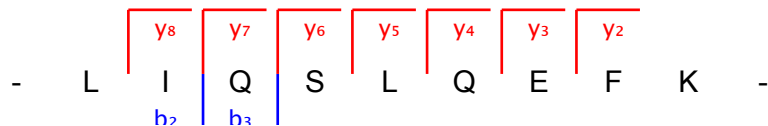
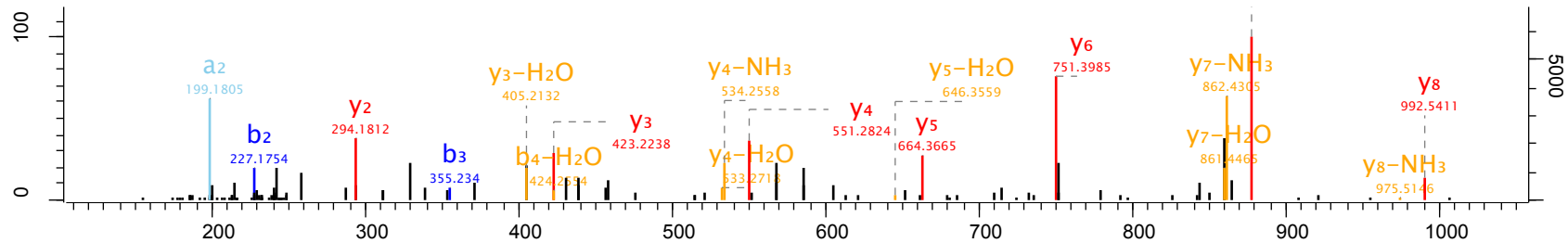
23720

TOF; CID

91.87

553.32

WBP5



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

26331

Method

TOF; CID

Score

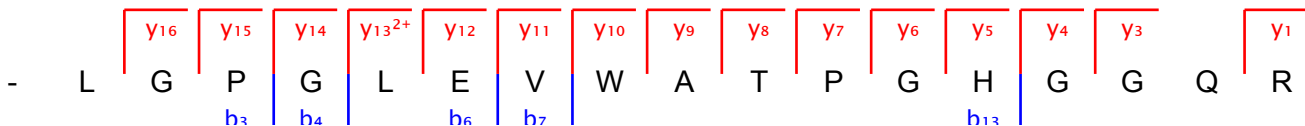
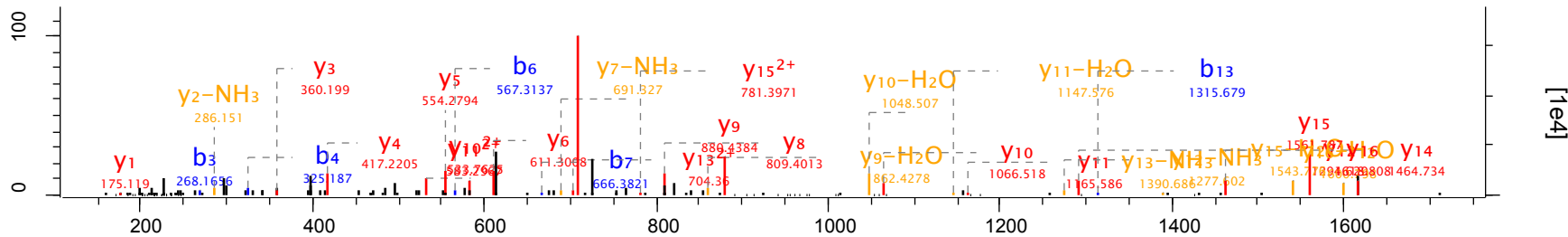
114.27

m/z

578.3

Gene names

MBLAC1



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

27630

Method

TOF; CID

Score

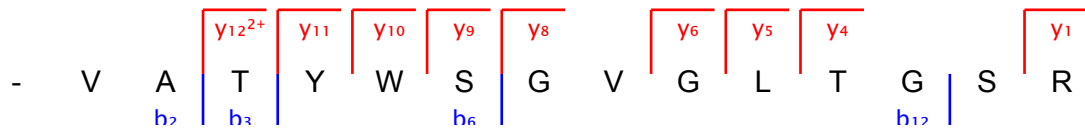
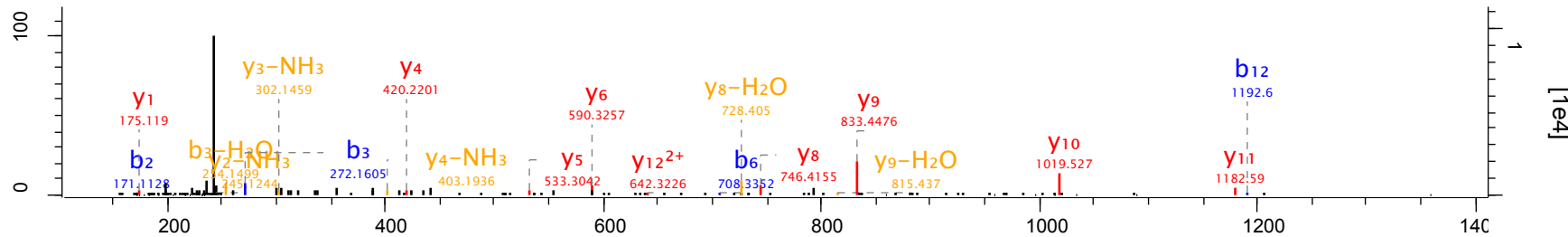
62.29

m/z

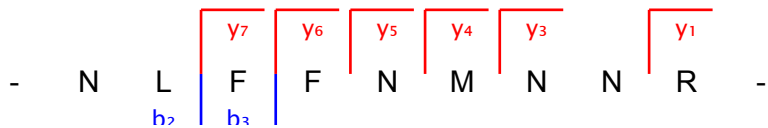
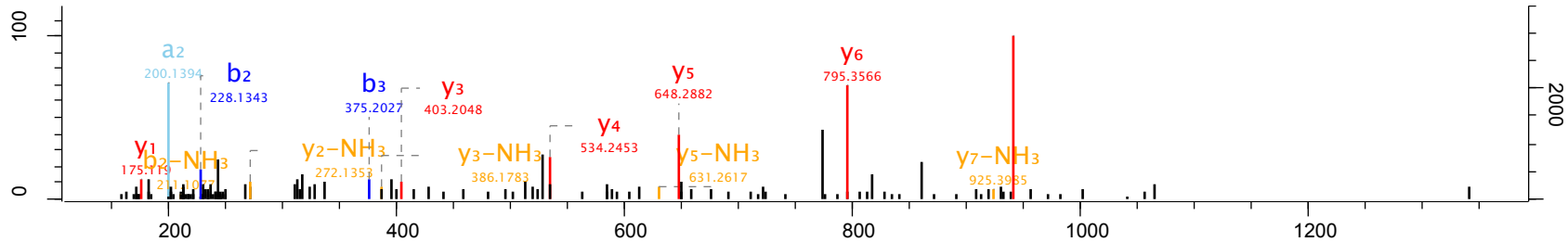
727.38

Gene names

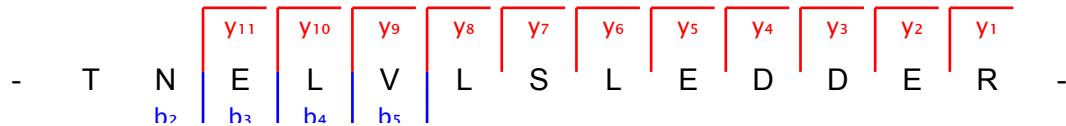
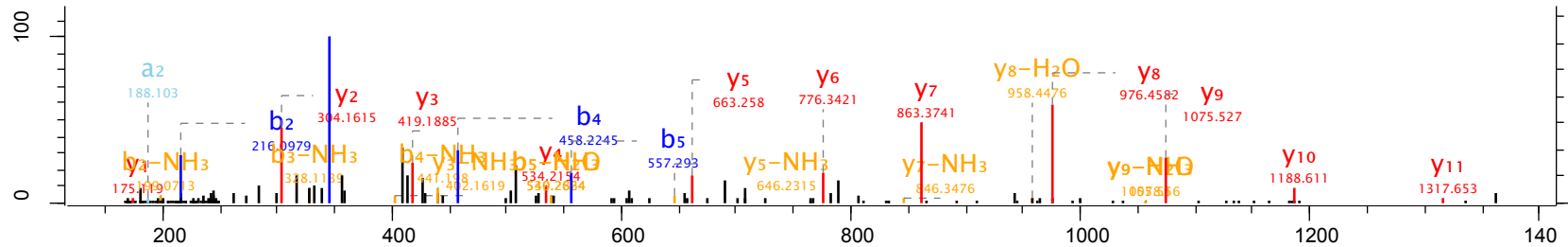
NUDT14



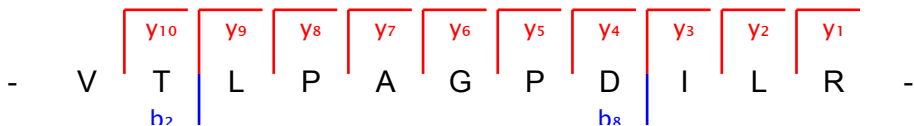
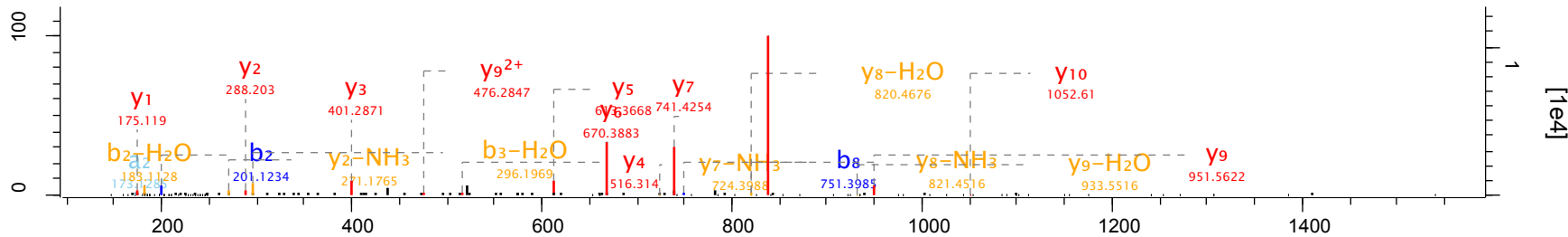
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract3_dyn_5ul_B3_01_438	28767	TOF; CID	91.32	585.28	SNX10



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract3_dyn_5ul_B3_01_438	28783	TOF; CID	90.23	766.88	C2orf76



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract3_dyn_5ul_B3_01_438	30492	TOF; CID	93.35	576.34	MAL2



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

32375

Method

TOF; CID

Score

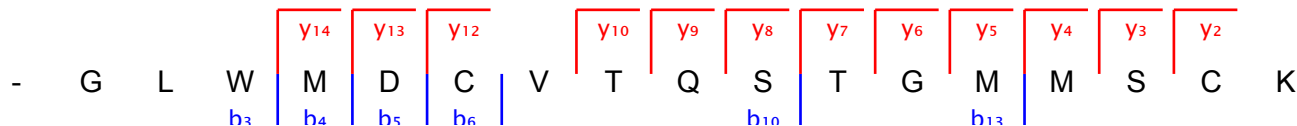
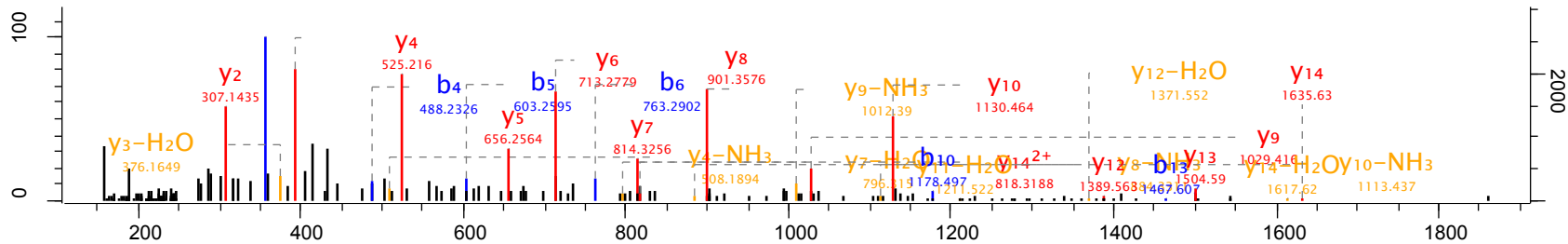
92.26

m/z

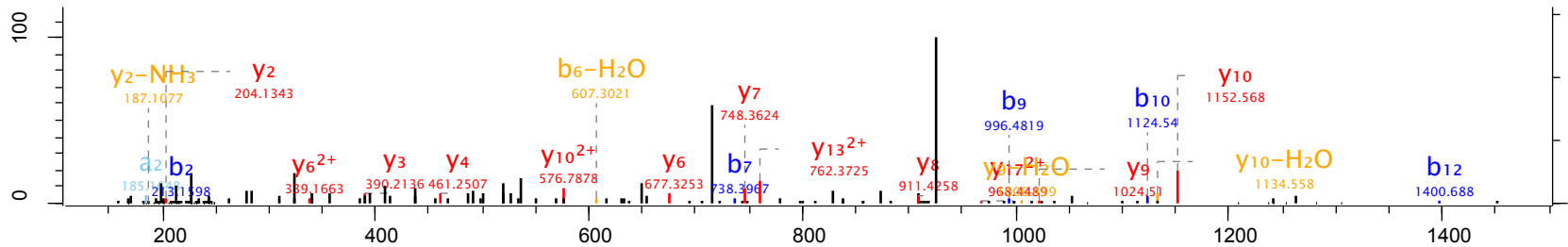
996.91

Gene names

CLDN7



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract3_dyn_5ul_B3_01_438	34833	TOF; CID	37.29	717.02	ULBP3



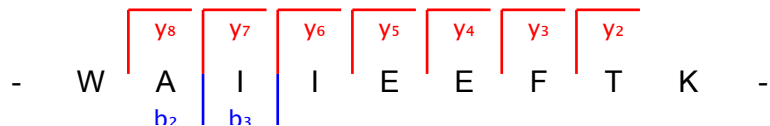
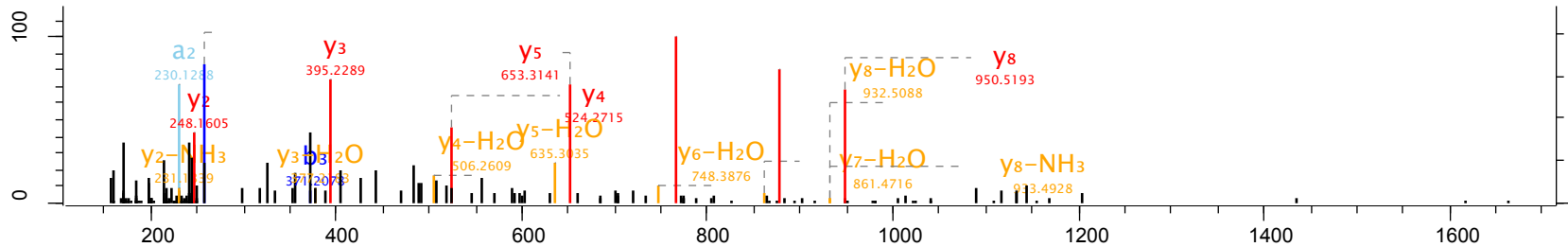
Protein sequence: - V L S M G H L E E Q L Y A T D A W G K -

Fragmentation sites (b-ions): b_2 (under L), b_7 (under L), b_9 (under E), b_{10} (under Q), b_{12} (under Y), and b_{12} (under A).

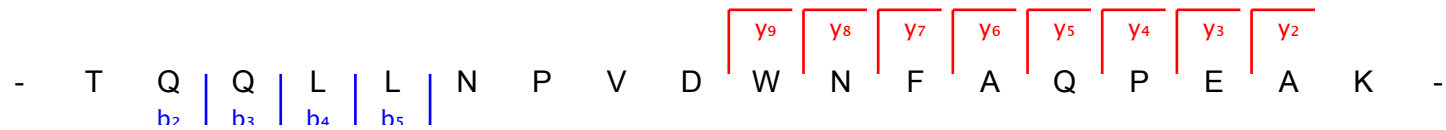
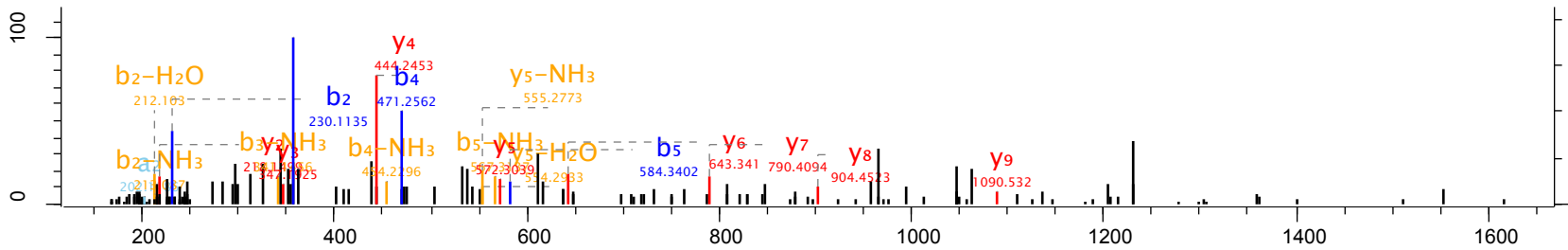
Fragmentation sites (y-ions): y_{17}^{2+} (above S), y_{13}^{2+} (above L), y_{10} (above Q), y_9 (above L), y_8 (above Y), y_7 (above A), y_6 (above T), y_4 (above A), y_3 (above W), and y_2 (above G).

[1e4]

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract3_dyn_5ul_B3_01_438	35387	TOF; CID	103.55	568.8	MT-ND2



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract3_dyn_5ul_B3_01_438	37800	TOF; CID	43.33	1050.54	CLN8



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

38323

Method

TOF; CID

Score

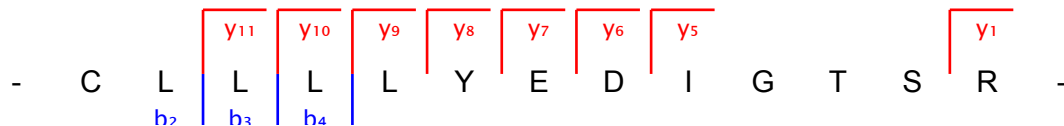
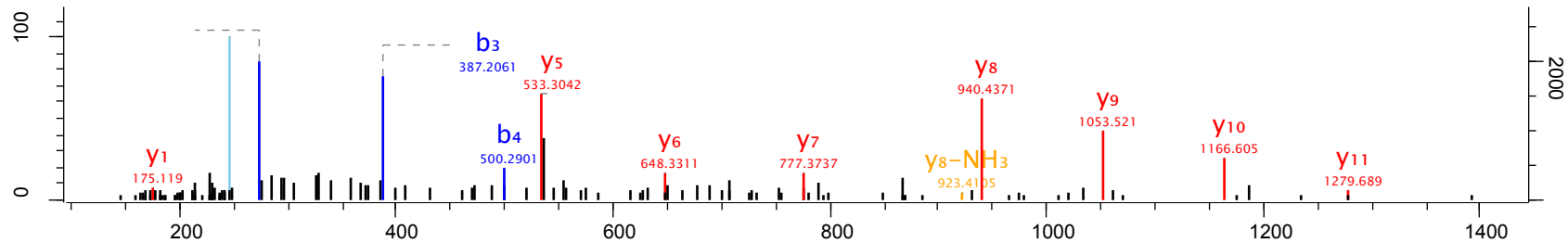
58.1

m/z

776.9

Gene names

TPRA1



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

3443

Method

TOF; CID

Score

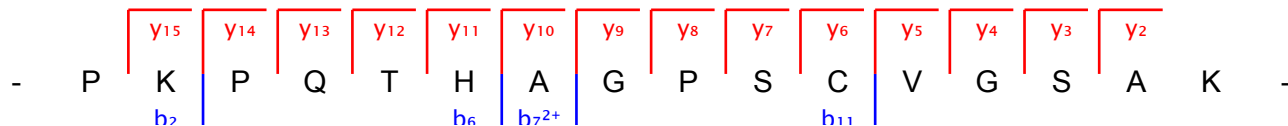
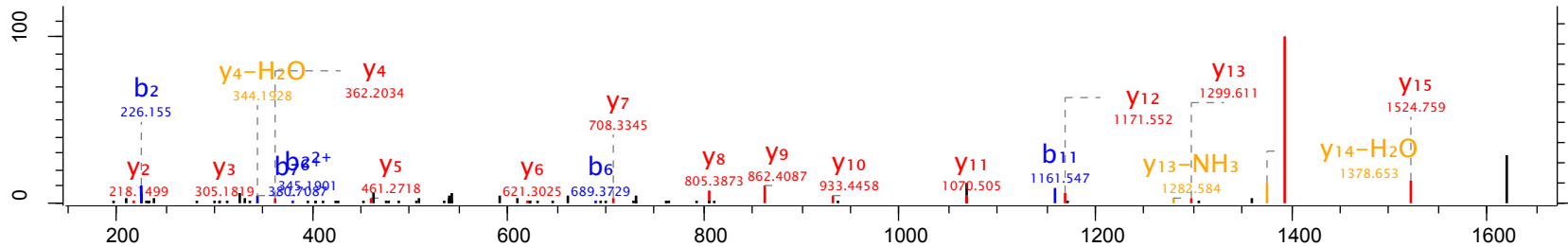
69.93

m/z

541.27

Gene names

KIAA1958



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

3804

Method

TOF; CID

Score

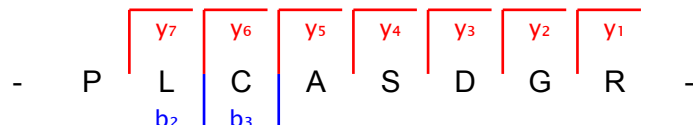
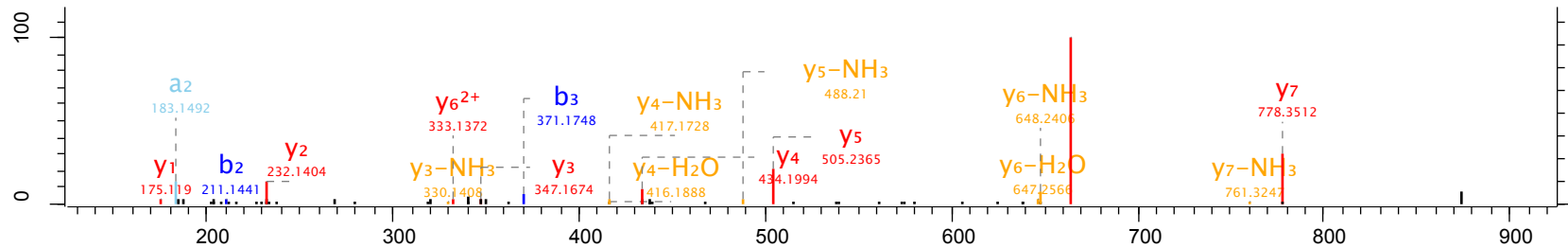
116.37

m/z

438.2

Gene names

SMOC2



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

5237

Method

TOF; CID

Score

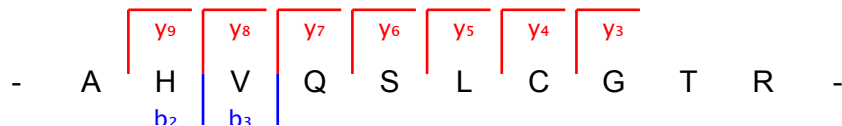
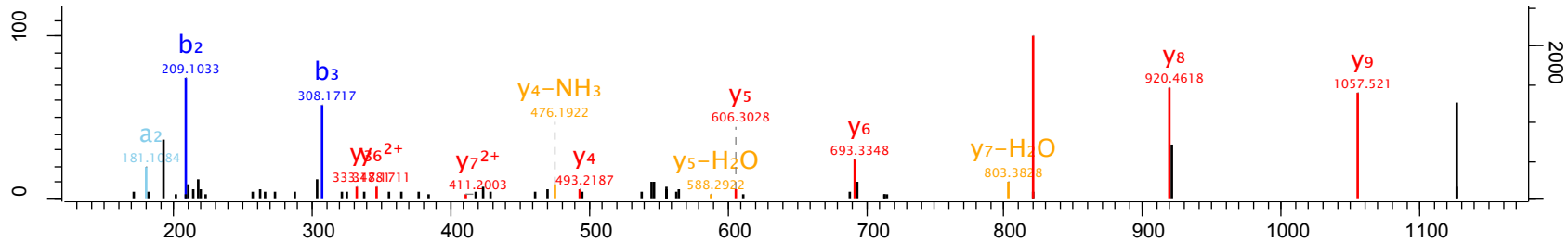
74.84

m/z

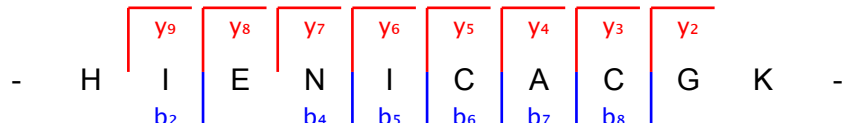
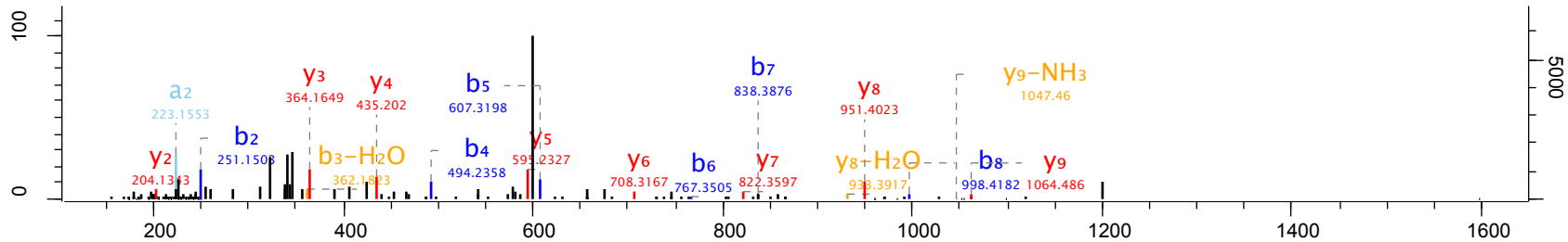
564.78

Gene names

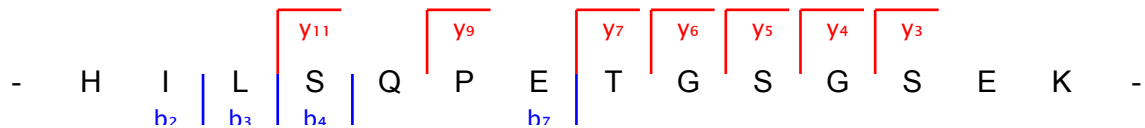
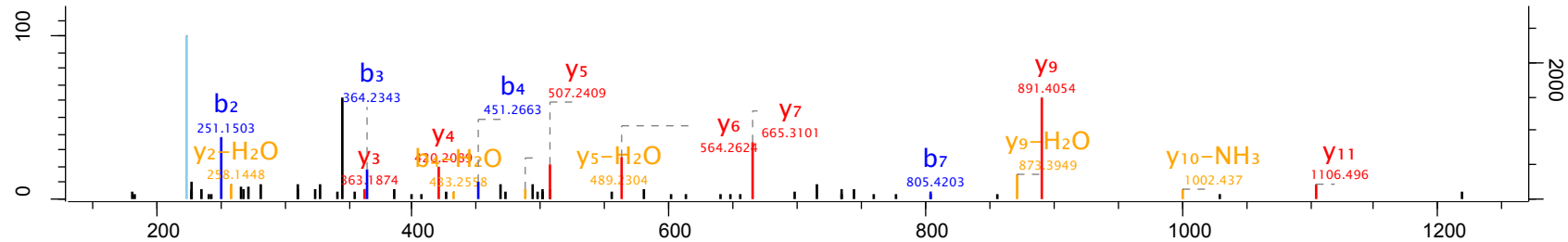
TET2



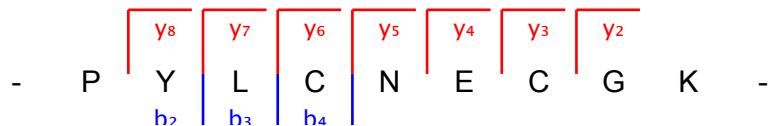
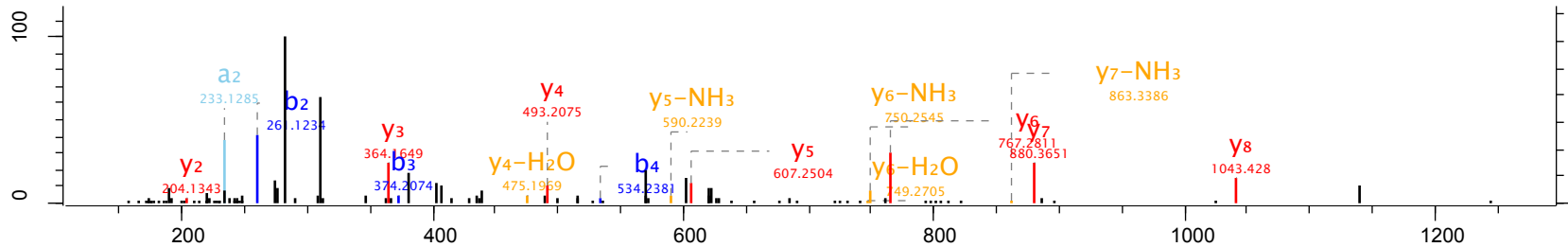
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract4_dyn_5ul_B4_01_439	7060	TOF; CID	87.18	601.28	ZBTB1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract4_dyn_5ul_B4_01_439	7355	TOF; CID	54.9	735.37	RWDD3



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract4_dyn_5ul_B4_01_439	7838	TOF; CID	78.26	571.25	ZFP3



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

8052

Method

TOF; CID

Score

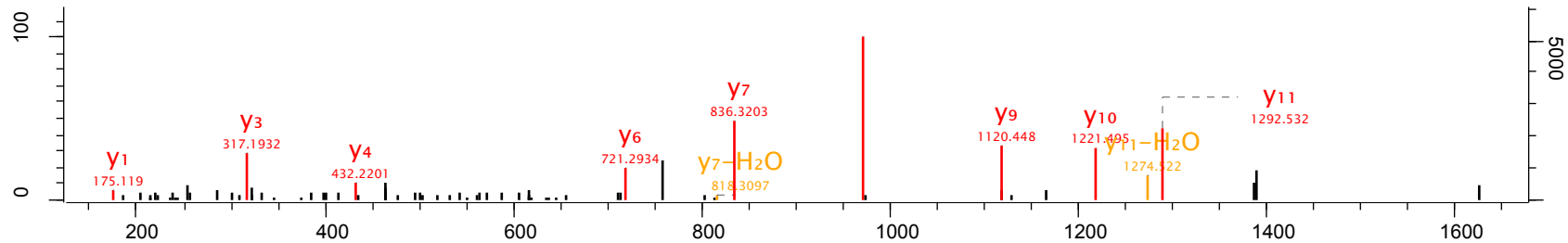
54.34

m/z

464.54

Gene names

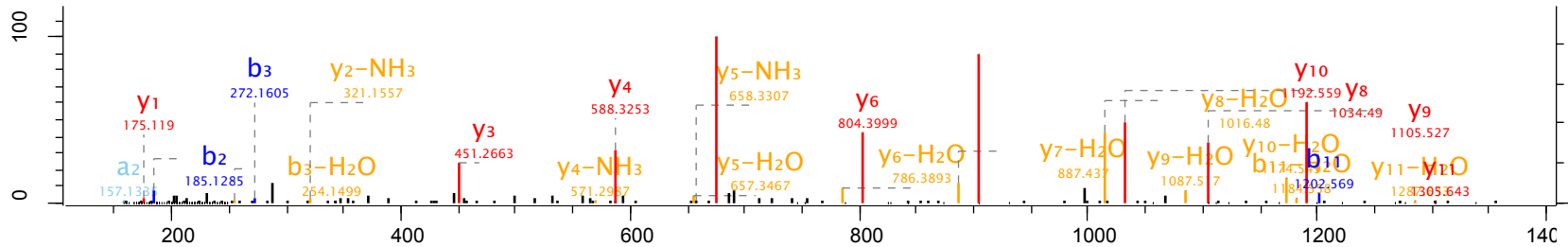
DPM3



- V A T F H D C E D A A R -

Red brackets above the sequence indicate the fragmentation sites for the y-ions: y11 (A-T), y10 (T-F), y9 (F-H), y8 (H-D), y7 (D-C), y6 (C-E), y4 (D-E), y3 (E-A), and y1 (A-R).

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract4_dyn_5ul_B4_01_439	12391	TOF; CID	142.08	459.56	CYB561D2

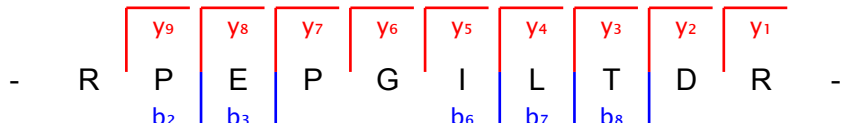
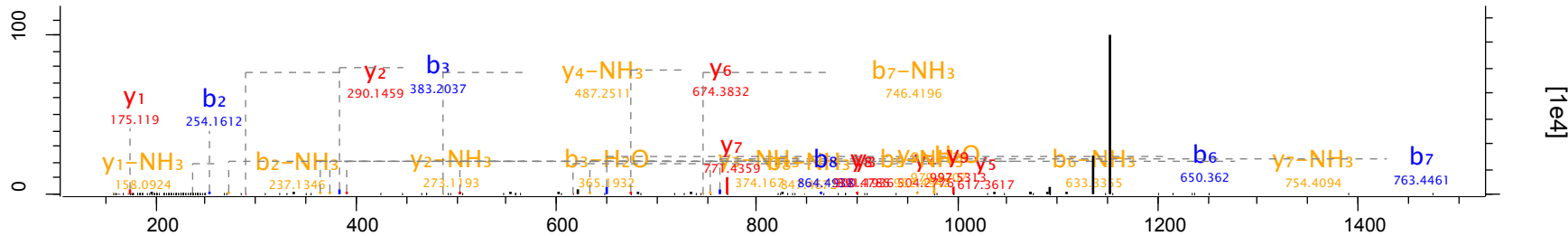


- A L S A E T E S H I Y R -

b₂ b₃ b₁₁

y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₅ y₄ y₃ y₁

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract4_dyn_5ul_B4_01_439	12557	TOF; CID	144.1	577.32	PLEKHG4;CYB561A3



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract4_dyn_5ul_B4_01_439

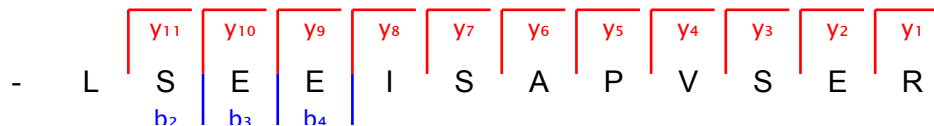
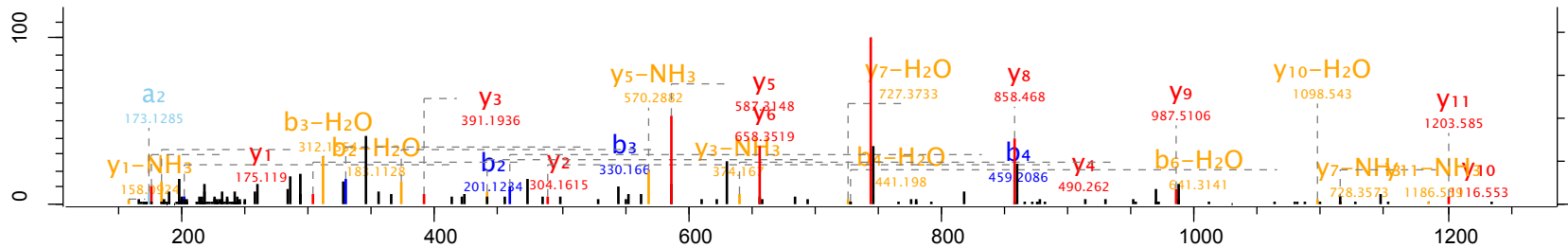
17334

TOF; CID

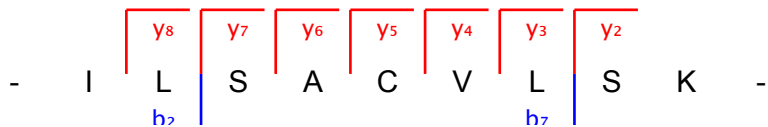
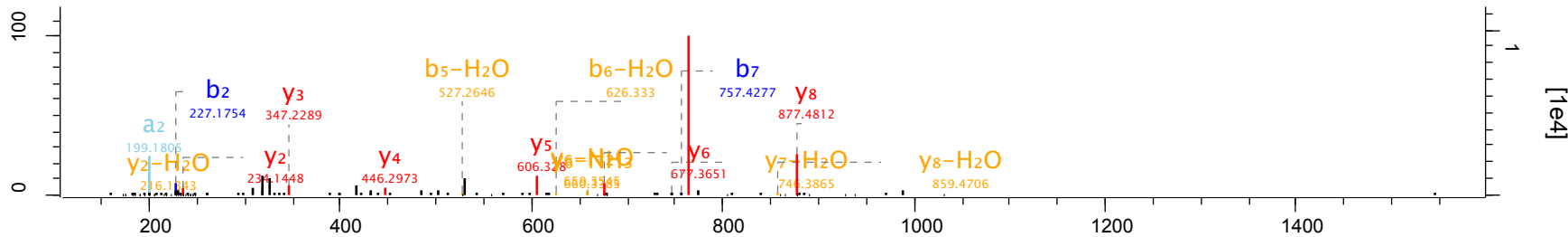
85.81

658.84

ZMYM6NB



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract4_dyn_5ul_B4_01_439	19479	TOF; CID	79.15	495.79	PORCN



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

20342

Method

TOF; CID

Score

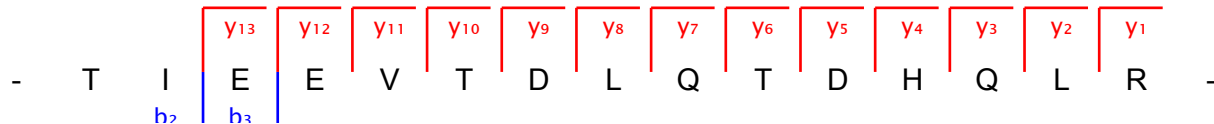
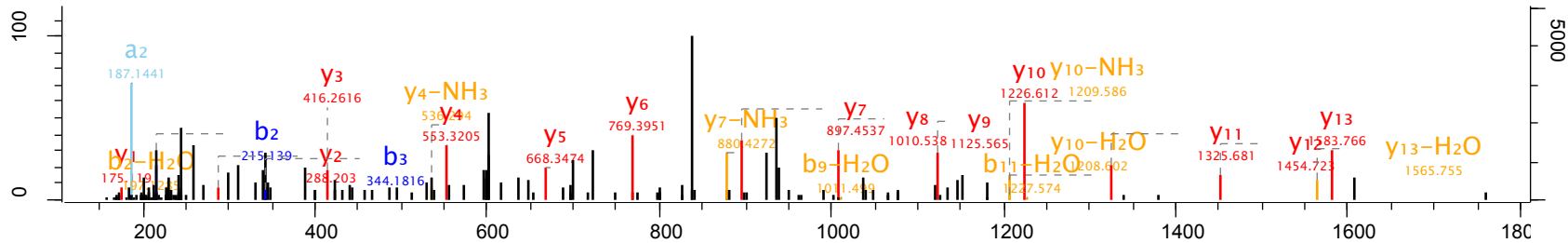
70.2

m/z

600.31

Gene names

C8orf37



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

21878

Method

TOF; CID

Score

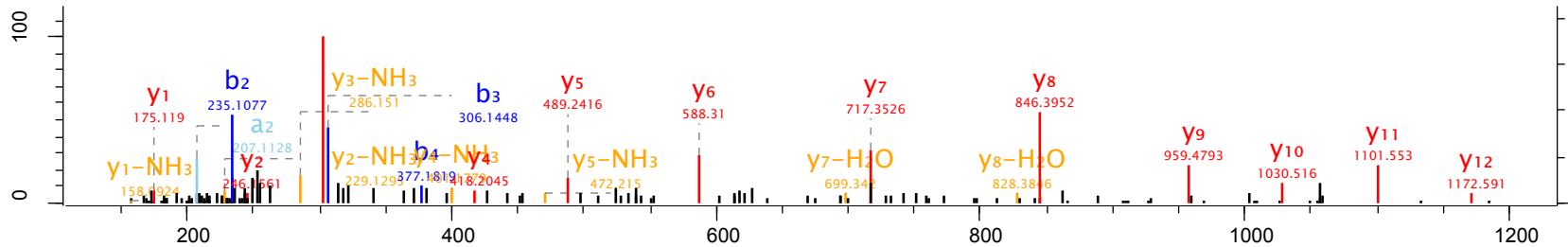
100.22

m/z

668.33

Gene names

DGCR6L



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

24369

Method

TOF; CID

Score

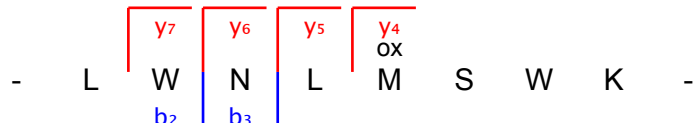
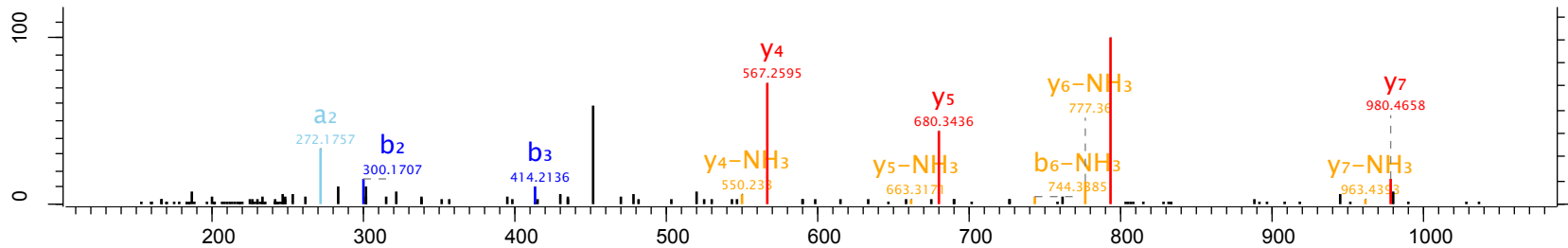
85.21

m/z

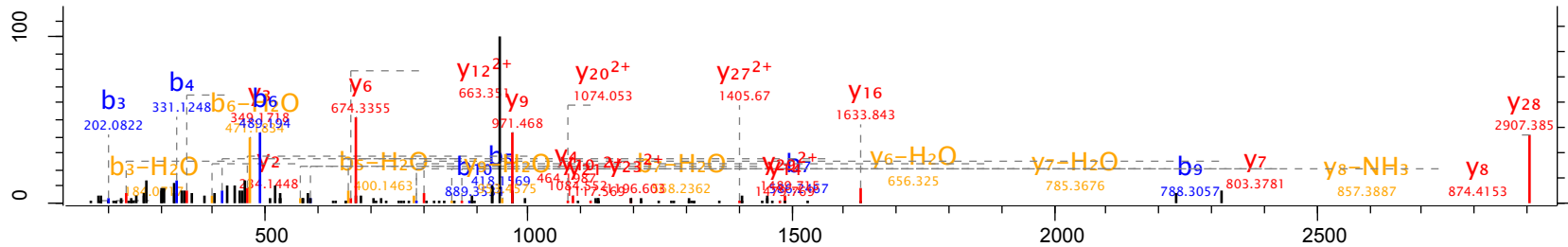
547.27

Gene names

RGMA



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract4_dyn_5ul_B4_01_439	26254	TOF; CID	38.99	1133.2	TECPR1



- G S G E S A P S D T D A S S E V E R P G P

h₃ | h₄ | h₅ | h₆ | h₇ | h₉ | h₁₀

y₂₉²⁺ | y₂₈ | y₂₇²⁺ | y₂₃²⁺ | y₂₁²⁺ | y₂₀²⁺ | y₁₆ | y₁₄

Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

29259

Method

TOF; CID

Score

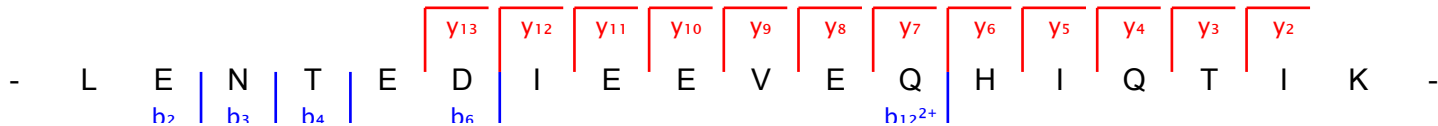
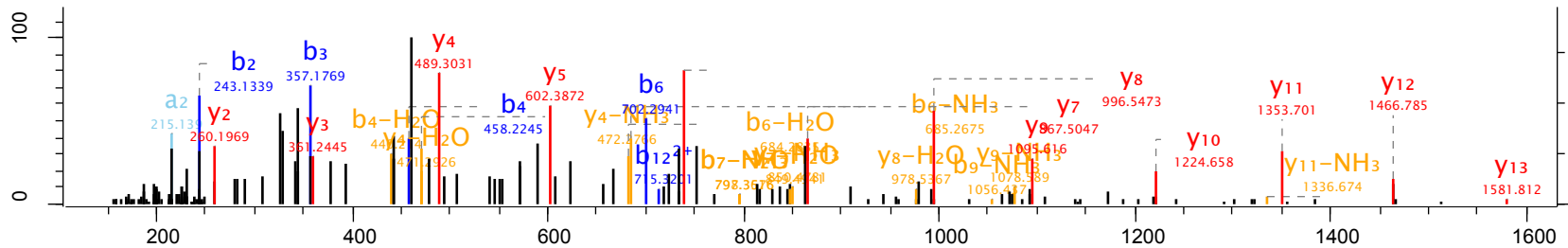
112.16

m/z

1085.04

Gene names

LMBRD1



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract4_dyn_5ul_B4_01_439

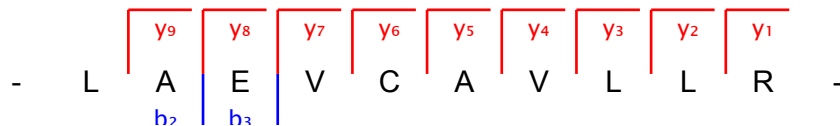
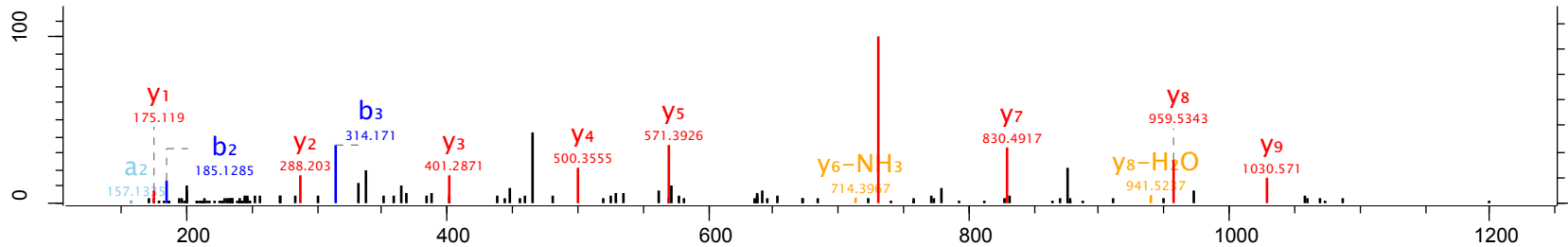
29369

TOF; CID

77.66

572.32

BOK



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

31196

Method

TOF; CID

Score

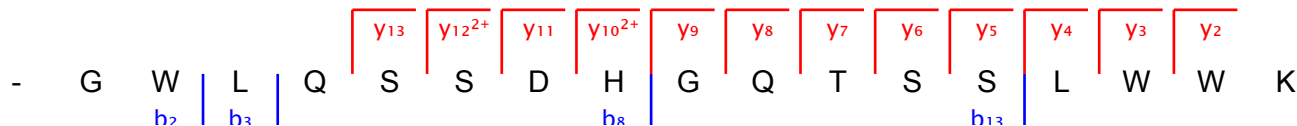
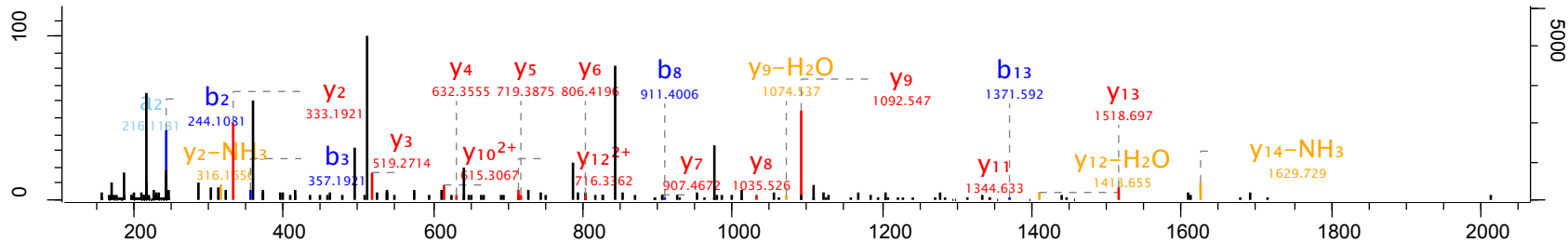
39.48

m/z

668.32

Gene names

PERP



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

31561

Method

TOF; CID

Score

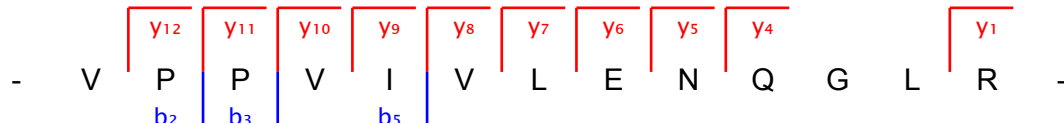
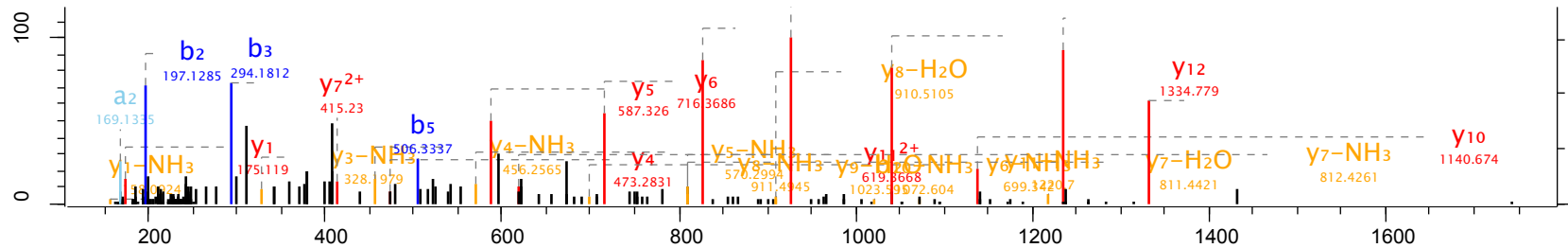
101.56

m/z

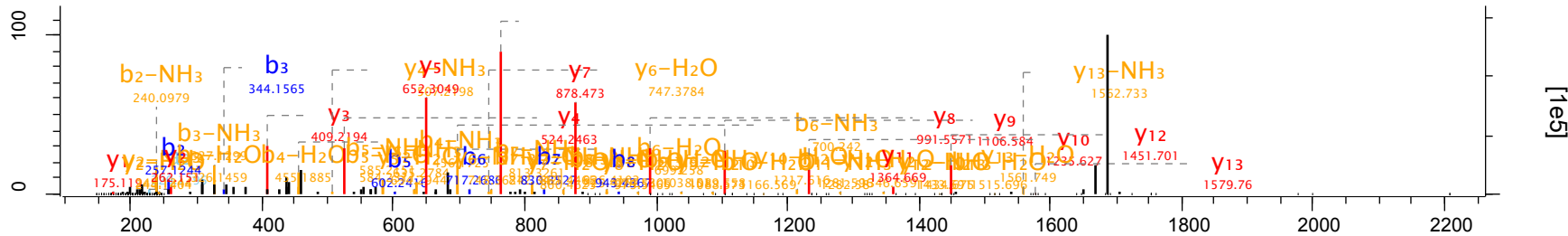
717.43

Gene names

EMC9



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract4_dyn_5ul_B4_01_439	32642	TOF; CID	244.37	854.42	SSR3



- Q y13 Q y12 S y11 E y10 E y9 D y8 L y7 L y6 L y5 Q y4 D y3 F y2 S y1 R -

b2 b3 b4 b5 b6 b7 b8

Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

35372

Method

TOF; CID

Score

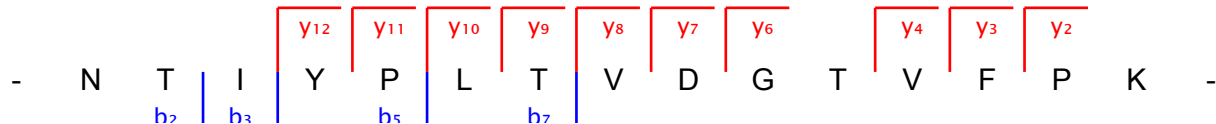
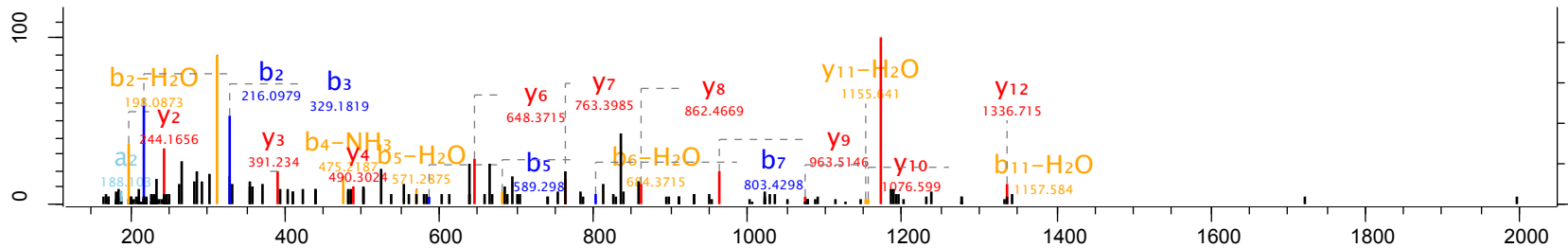
61.26

m/z

833.45

Gene names

CES3



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

35606

Method

TOF; CID

Score

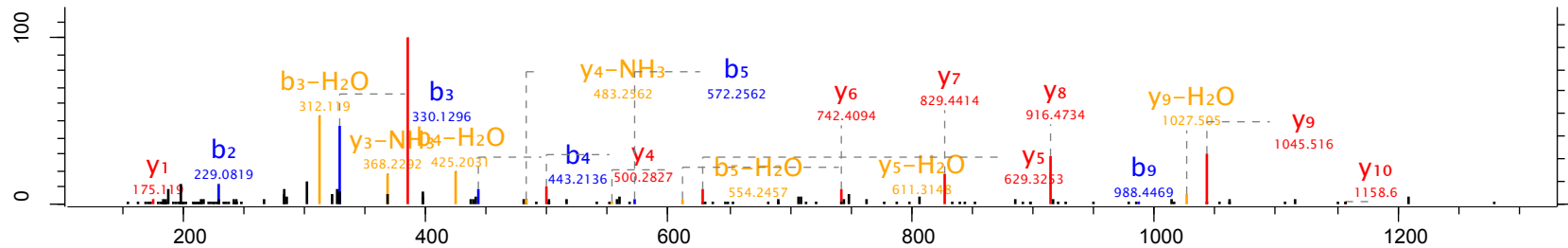
104.17

m/z

744.37

Gene names

VCPKMT



ac

- A D T L E S S L E D P L R -

 | | | | | | | | | | | |

 b₂ b₃ b₄ b₅ b₉

 y₁₀ y₉ y₈ y₇ y₆ y₅ y₄ y₃ y₁

Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

36201

Method

TOF; CID

Score

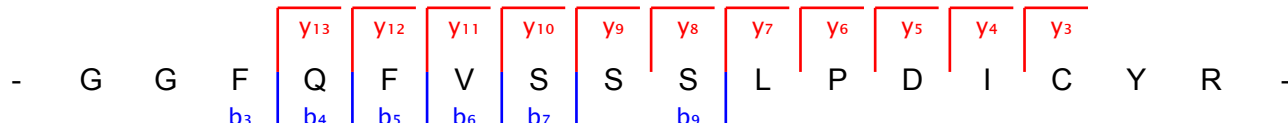
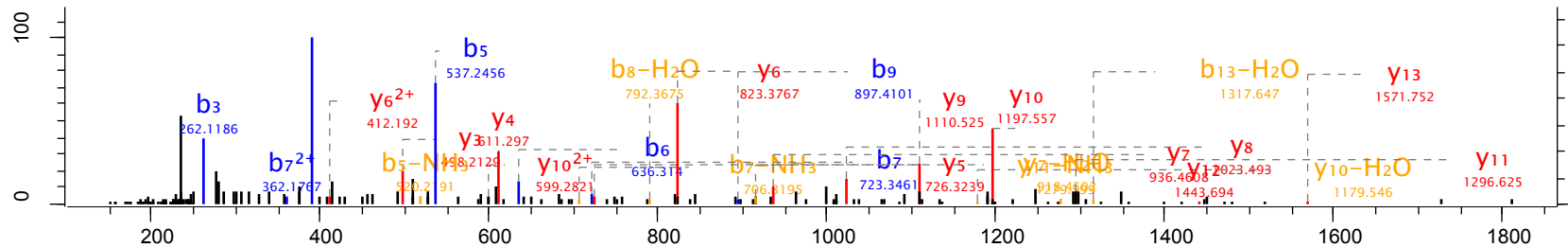
65.72

m/z

917.44

Gene names

CNBP



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

37504

Method

TOF; CID

Score

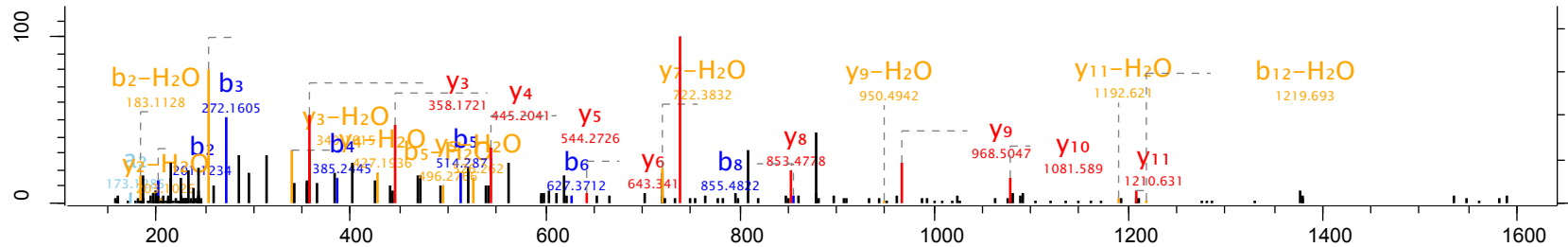
101.32

m/z

797.94

Gene names

CLDN12



- L S A I E I D I P V V S H T T -
b₂ b₃ b₄ b₅ b₆ b₈ y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₅ y₄ y₃

Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

37880

Method

TOF; CID

Score

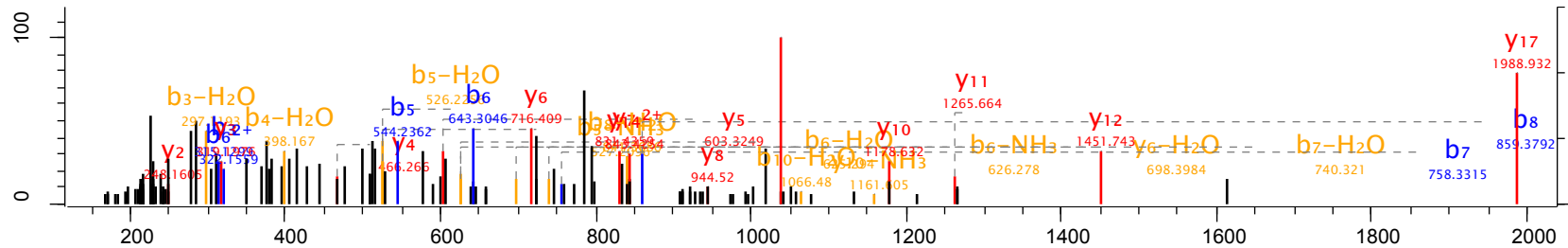
43.41

m/z

797.38

Gene names

B9D2

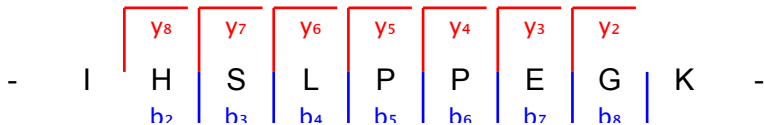
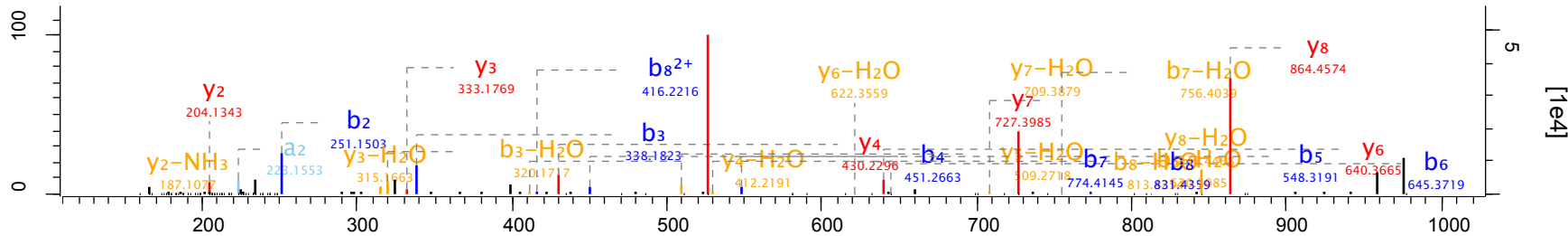


- E G Q | T Q | V | D | T | P Q I G D M A Y W S H P I

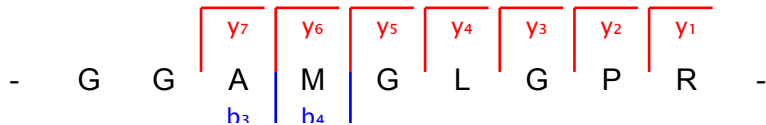
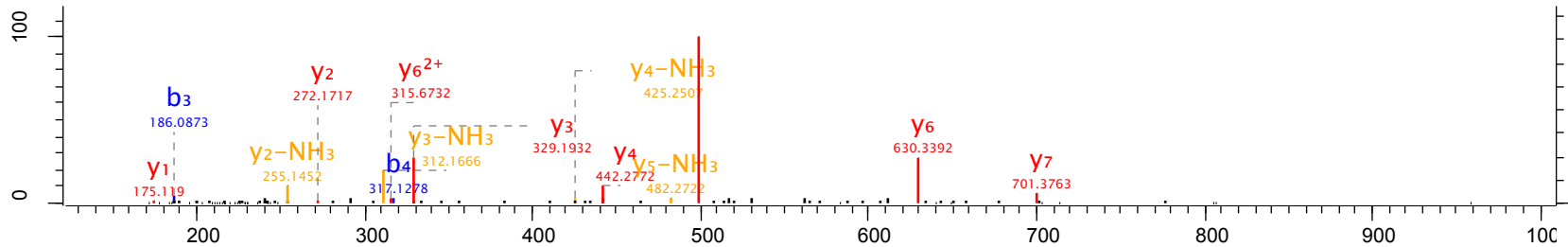
h₃ h₅ h₆ h₇ h₈

y₁₇ y₁₄²⁺ y₁₂ y₁₁ y₁₀ y₉ y₈

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract5_dyn_5ul_B5_01_440	7057	TOF; CID	183.43	489.27	COX8A



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract5_dyn_5ul_B5_01_440	10987	TOF; CID	94.11	408.21	TMEM187



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

12457

Method

TOF; CID

Score

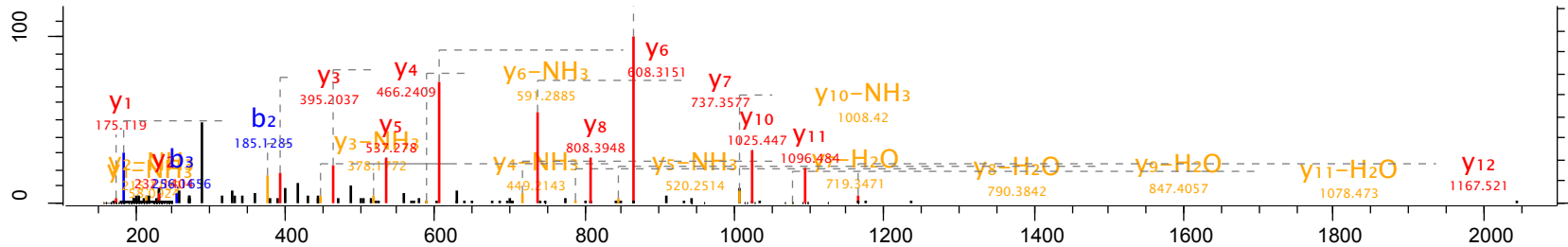
114.72

m/z

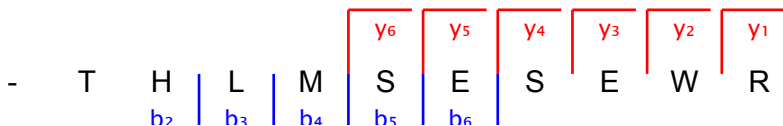
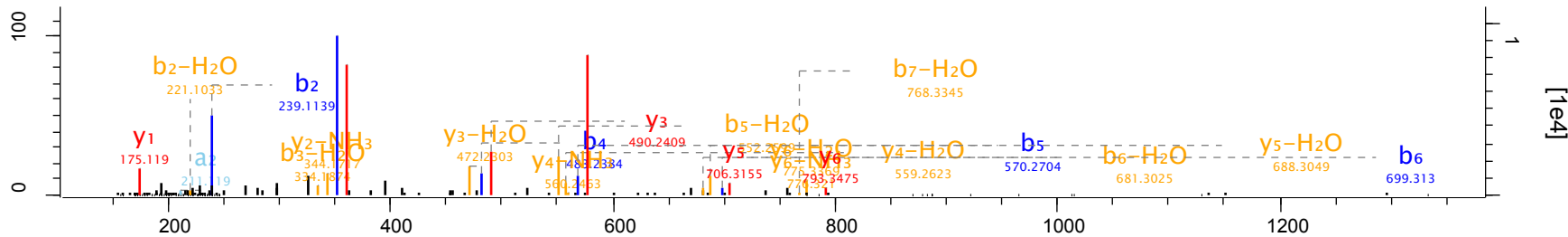
640.8

Gene names

C17orf89



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract5_dyn_5ul_B5_01_440	14538	TOF; CID	142.43	425.86	CKS1B



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

16153

Method

TOF; CID

Score

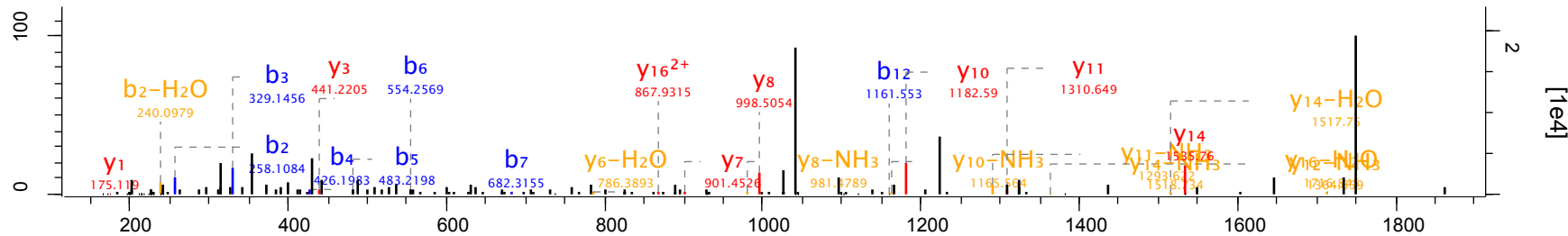
46.51

m/z

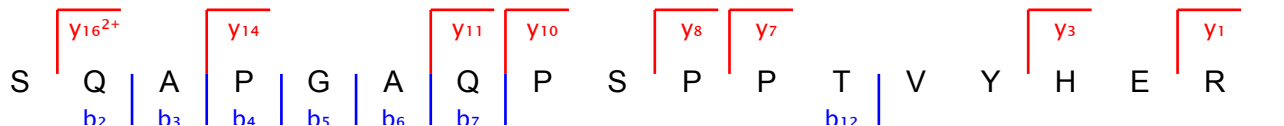
932.47

Gene names

JOSD2



ac



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

16866

Method

TOF; CID

Score

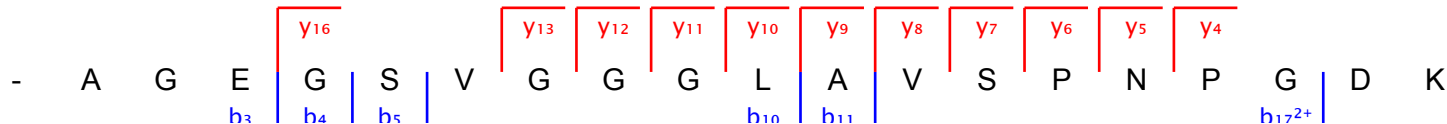
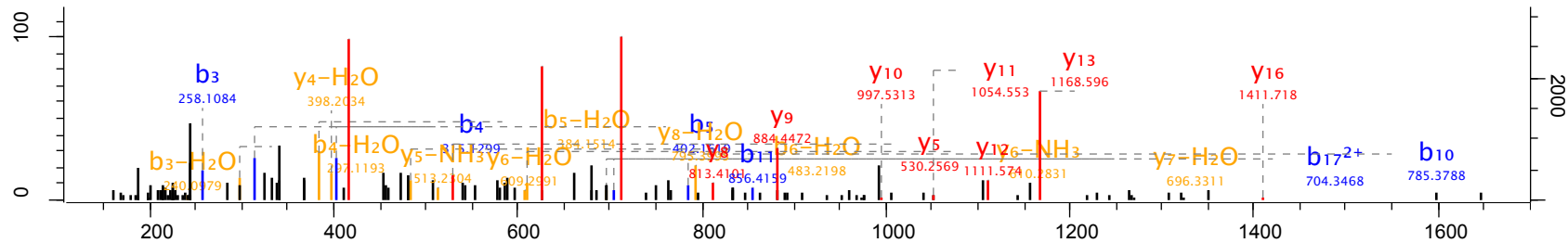
57.41

m/z

834.91

Gene names

FAM174A



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract5_dyn_5ul_B5_01_440

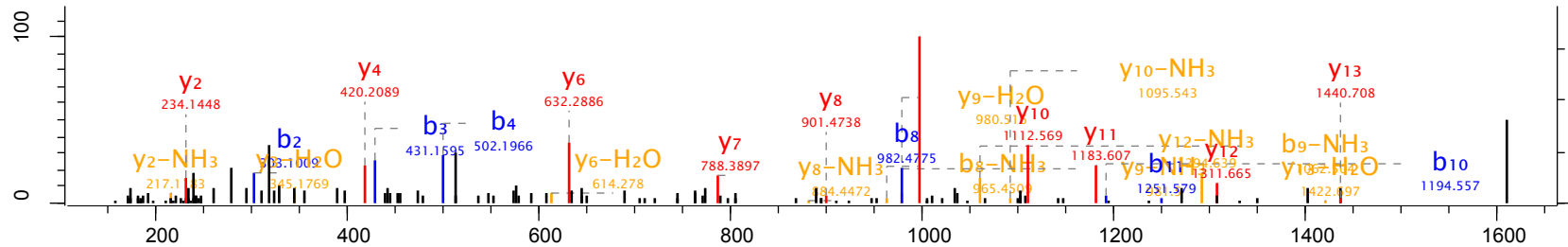
18901

TOF; CID

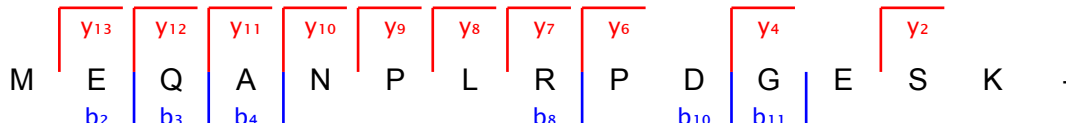
89.51

807.38

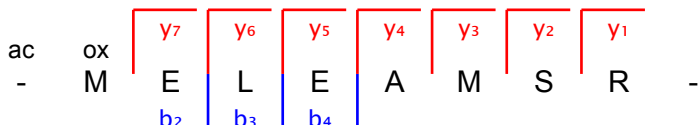
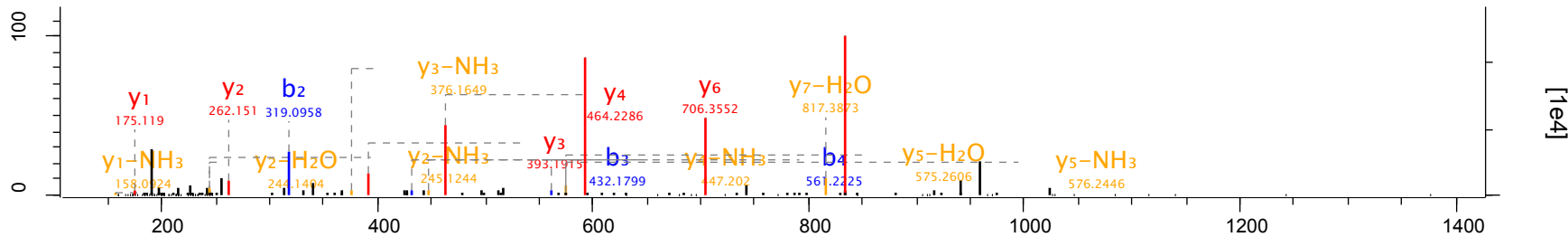
CENPO



ac



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract5_dyn_5ul_B5_01_440	20273	TOF; CID	86.14	512.73	TMEM258



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

20511

Method

TOF; CID

Score

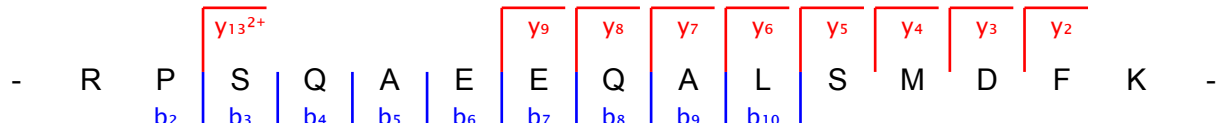
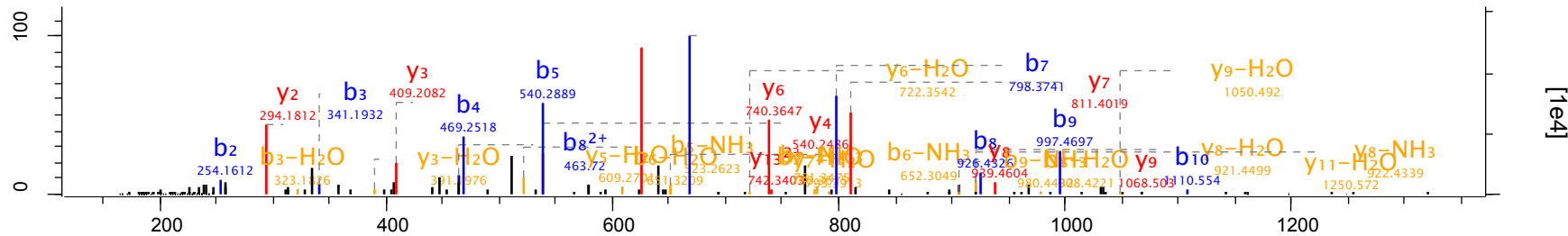
116.78

m/z

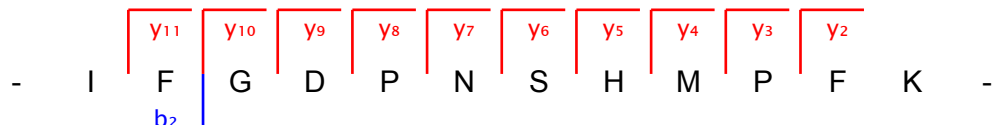
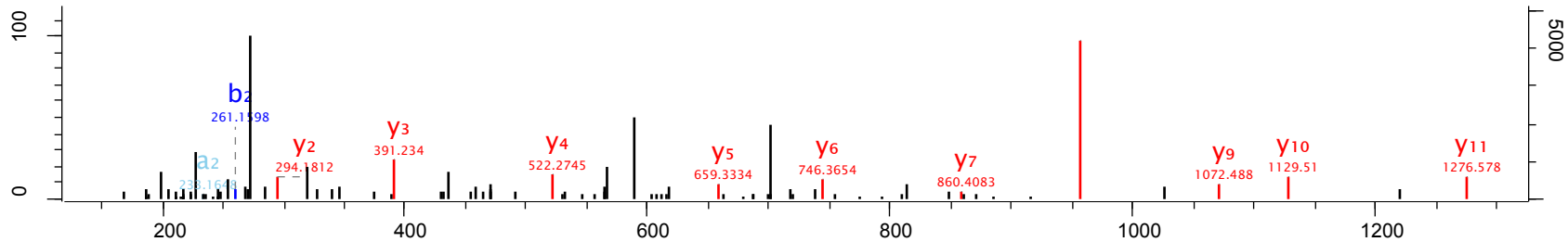
579.95

Gene names

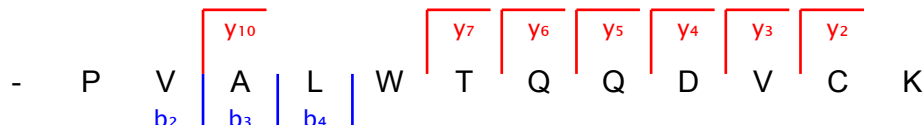
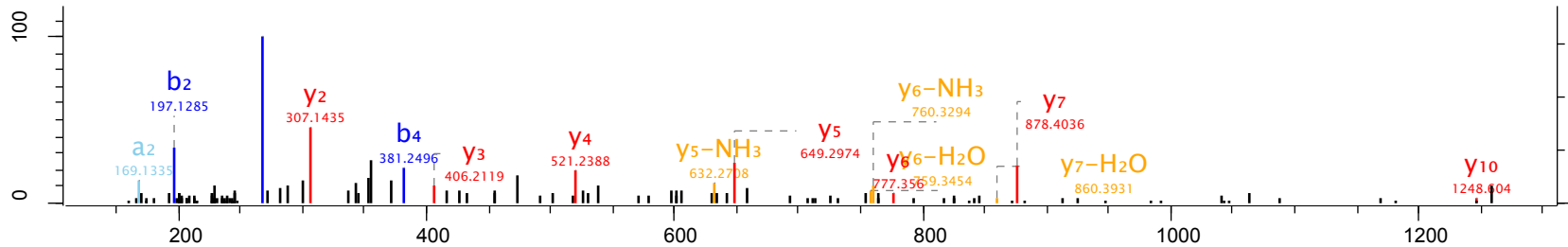
CYB561



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract5_dyn_5ul_B5_01_440	23273	TOF; CID	46.07	463.89	TERF1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract5_dyn_5ul_B5_01_440	23820	TOF; CID	77.06	722.87	SAMD12



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

25198

Method

TOF; CID

Score

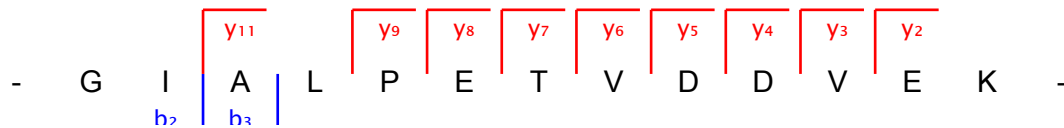
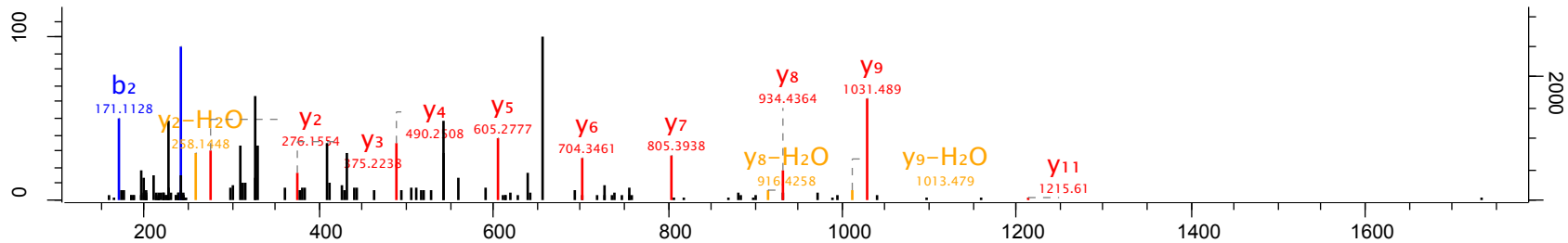
66

m/z

693.36

Gene names

SLC22A3



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

25642

Method

TOF; CID

Score

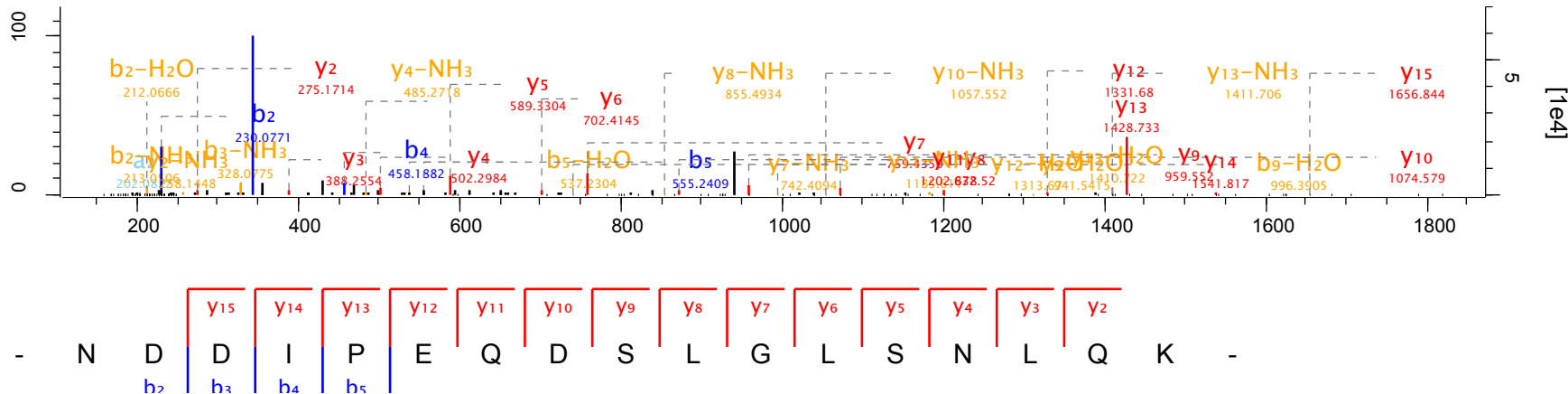
114.96

m/z

943.96

Gene names

MKKS



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

29617

Method

TOF; CID

Score

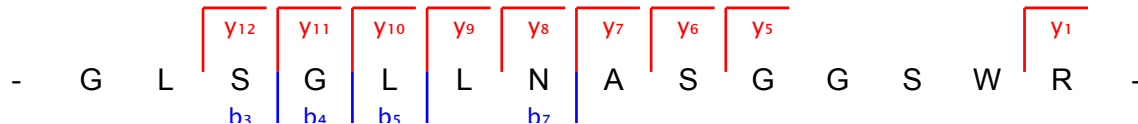
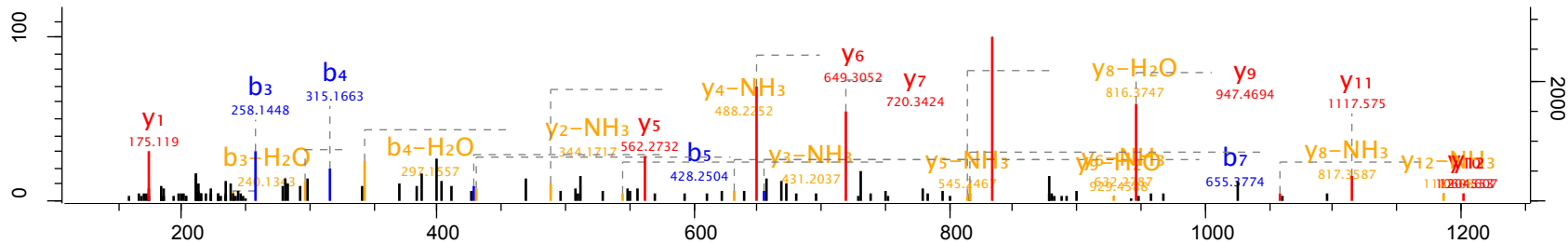
58.89

m/z

687.86

Gene names

FAM89B



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

29669

Method

TOF; CID

Score

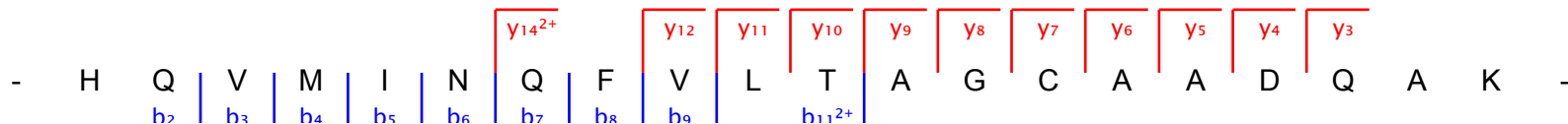
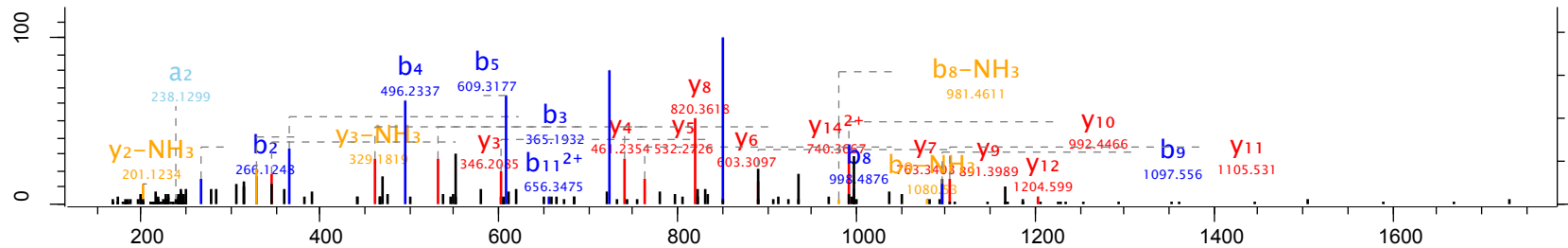
91.59

m/z

735.03

Gene names

UBALD1



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

30227

Method

TOF; CID

Score

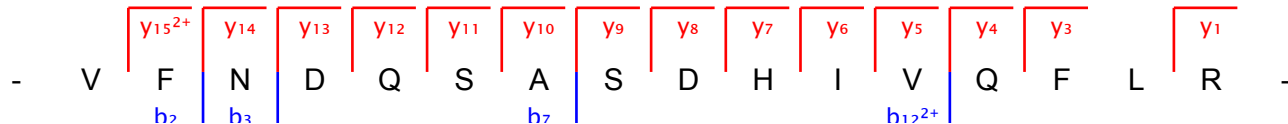
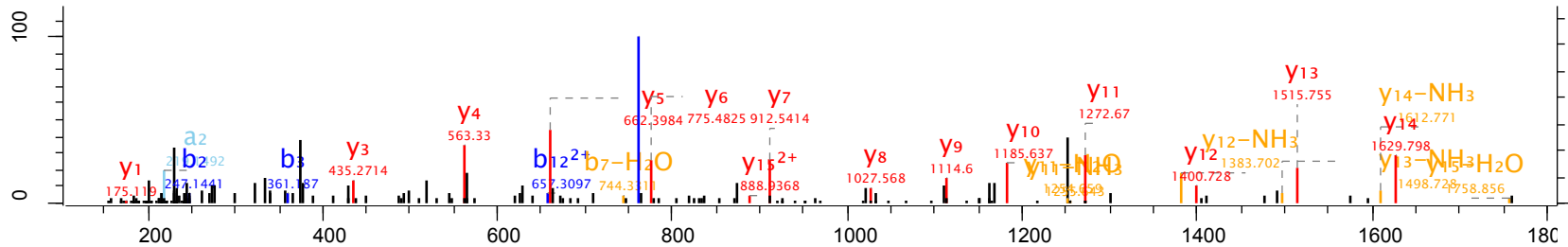
112.17

m/z

626.32

Gene names

OTUB2



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

31940

Method

TOF; CID

Score

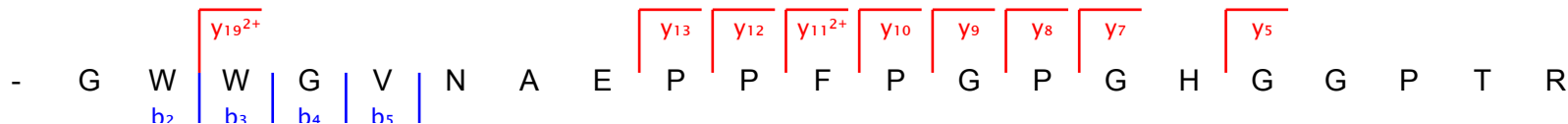
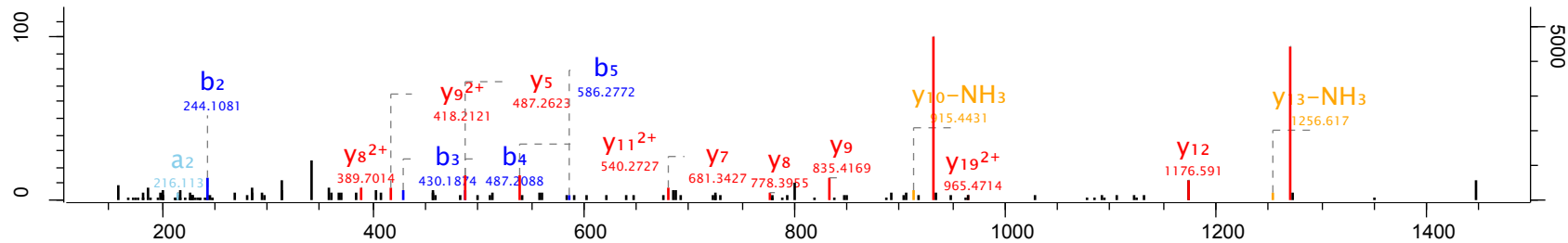
52.18

m/z

725.35

Gene names

PRR3



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

32102

Method

TOF; CID

Score

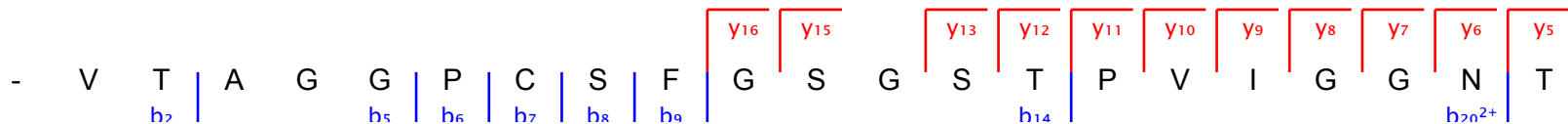
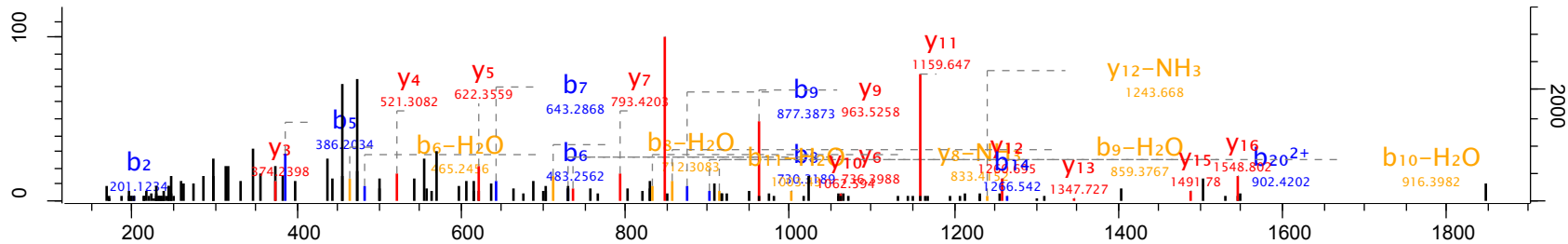
41.21

m/z

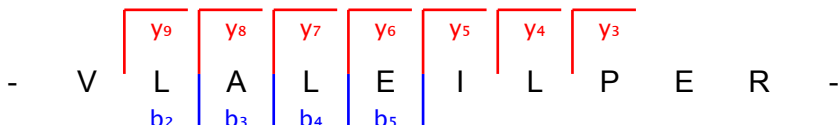
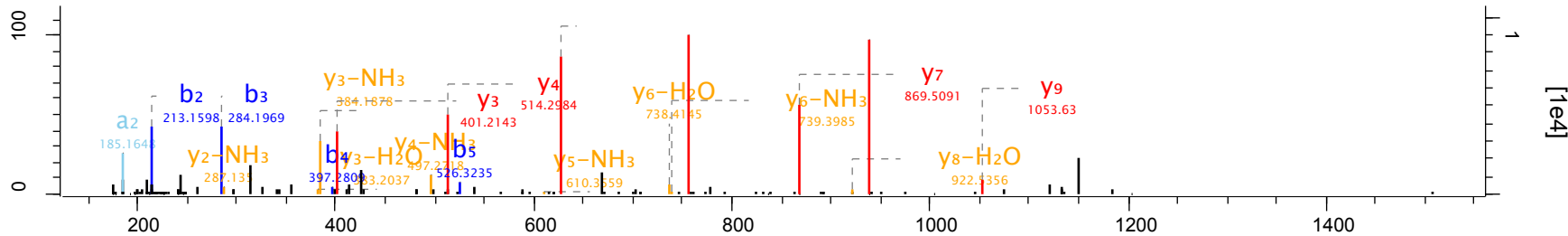
1213.6

Gene names

JAG1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract5_dyn_5ul_B5_01_440	34064	TOF; CID	117.7	576.85	SPIN4



Raw file

20140925_fract5_dyn_5ul_B5_01_440

Scan

35034

Method

TOF; CID

Score

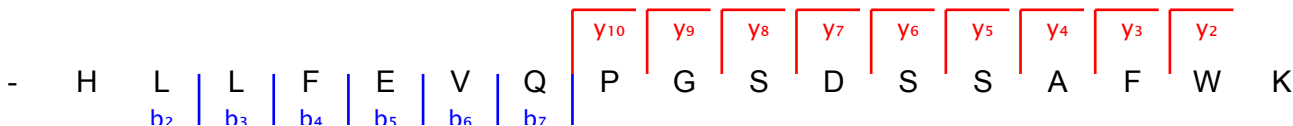
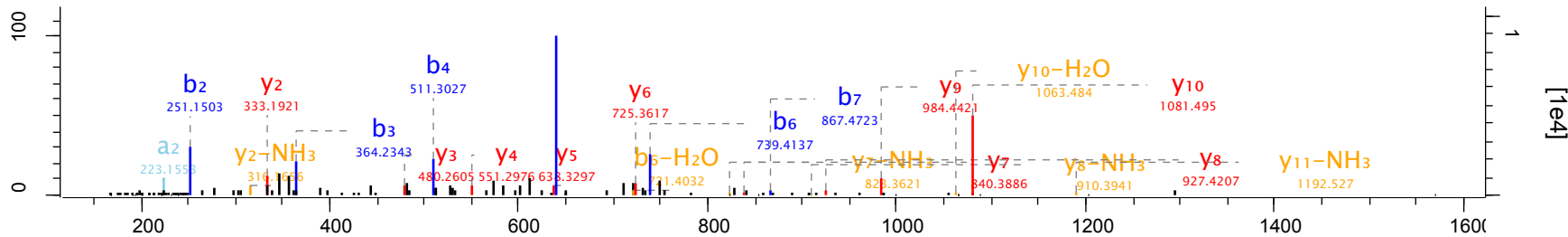
70.41

m/z

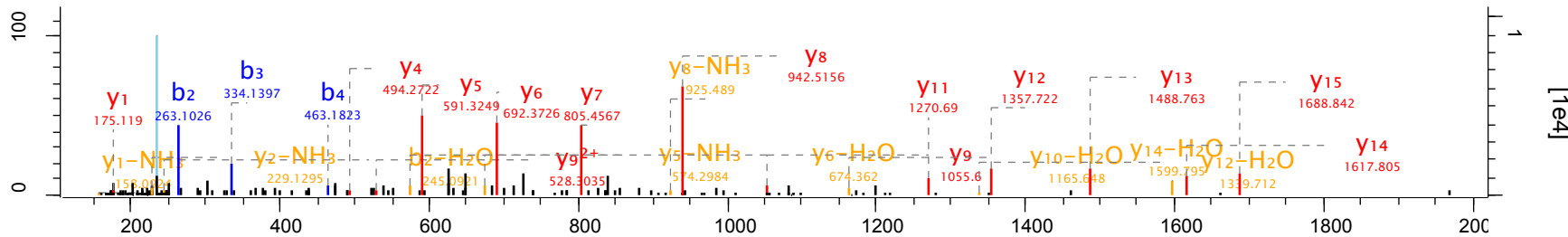
650.32

Gene names

RNF141



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract5_dyn_5ul_B5_01_440	35562	TOF; CID	69.98	651.32	BCL2



Protein sequence: - D F A E M S S Q L H L T P F T A R -

Fragmentation sites (b-ions in blue, y-ions in red):

- b2 (blue) between F and A
- b3 (blue) between A and E
- b4 (blue) between E and M
- y1 (red) between R and -
- y4 (red) between F and T
- y5 (red) between P and F
- y6 (red) between T and P
- y7 (red) between L and H
- y8 (red) between H and L
- y9 (red) between L and Q
- y11 (red) between S and S
- y12 (red) between S and M
- y13 (red) between M and E
- y14 (red) between E and A
- y15 (red) between A and F

Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract6_dyn_5ul_B6_01_441

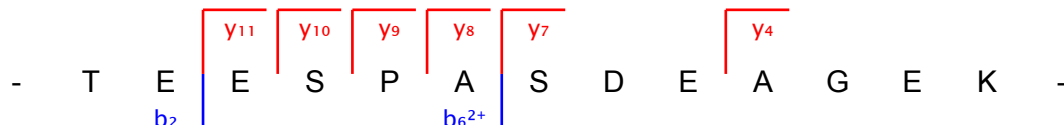
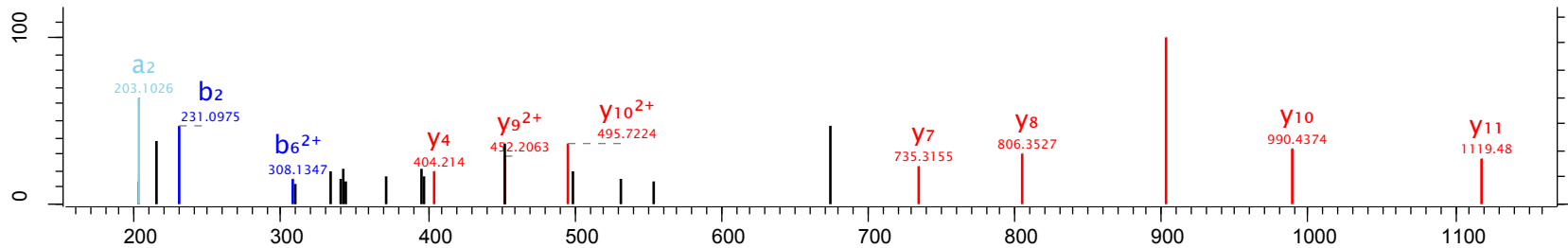
3737

TOF; CID

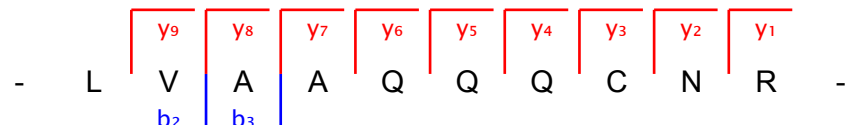
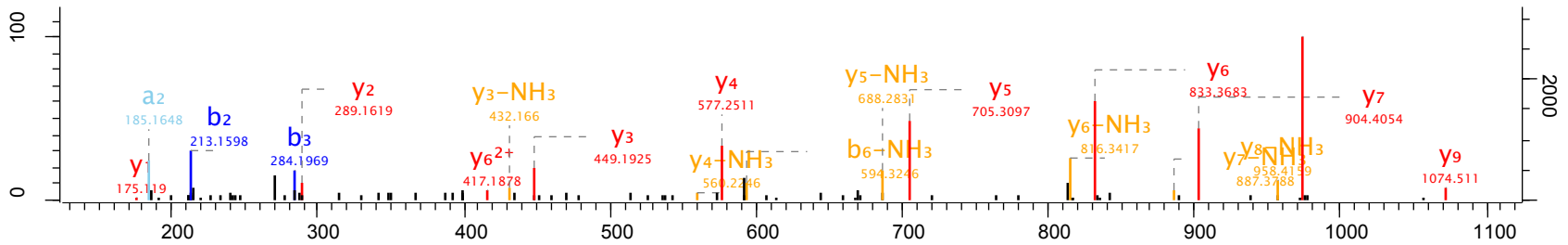
53.45

675.29

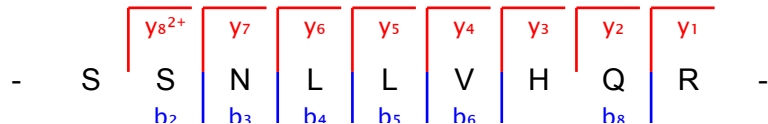
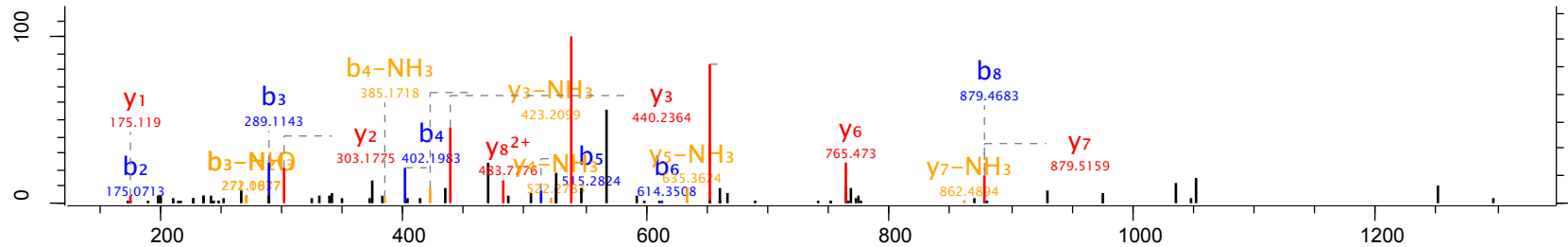
HMGN1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract6_dyn_5ul_B6_01_441	4453	TOF; CID	157.91	594.3	NR1H3



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract6_dyn_5ul_B6_01_441	7012	TOF; CID	97.28	527.29	ZNF229



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

10157

Method

TOF; CID

Score

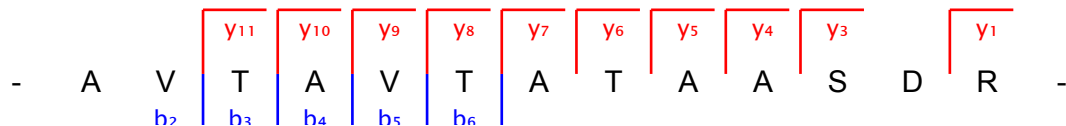
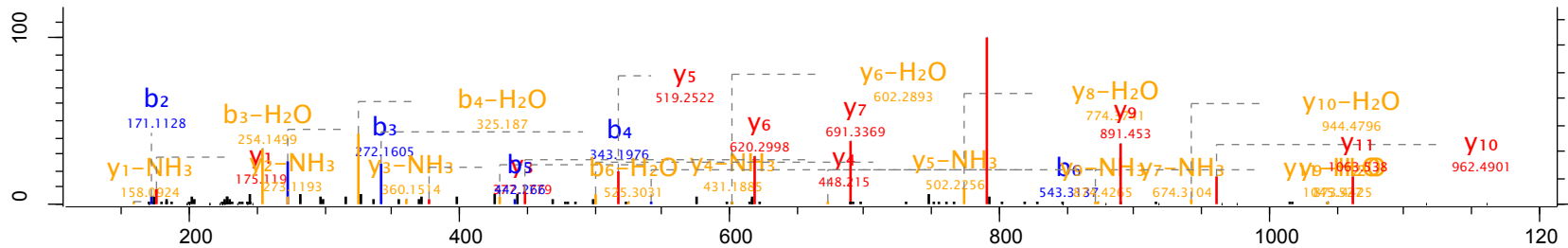
118.76

m/z

617.32

Gene names

HDGFRP2



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

13025

Method

TOF; CID

Score

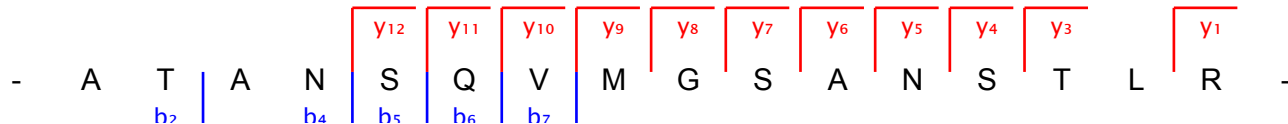
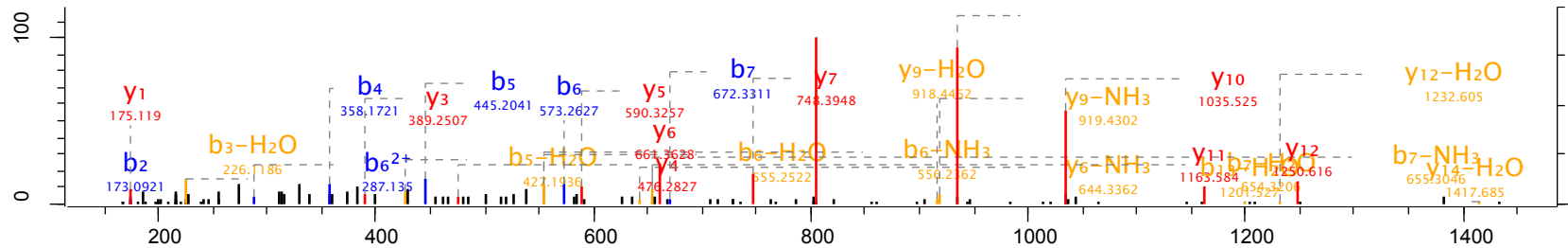
95.2

m/z

804.39

Gene names

GPRC5C



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

14027

Method

TOF; CID

Score

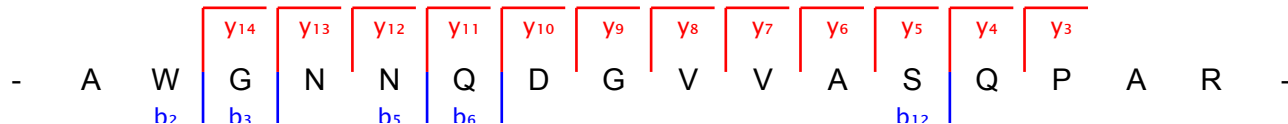
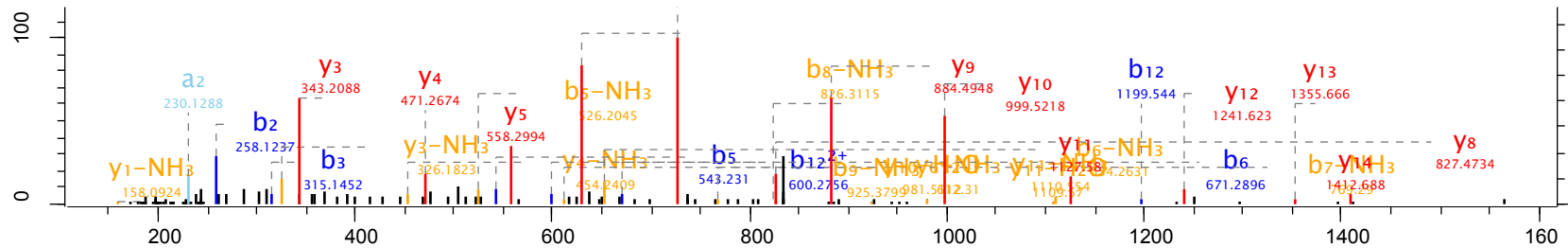
137.21

m/z

835.4

Gene names

SNAP25



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

16625

Method

TOF; CID

Score

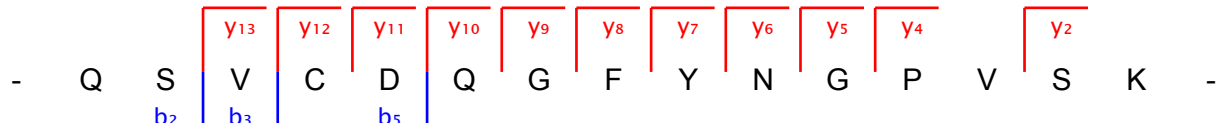
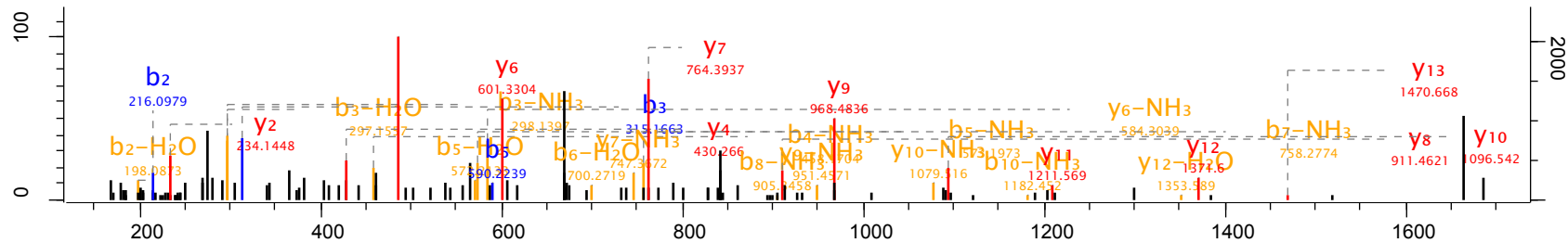
118.19

m/z

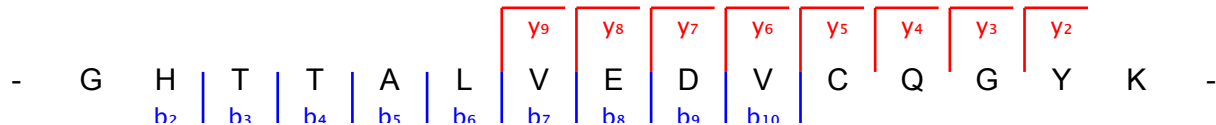
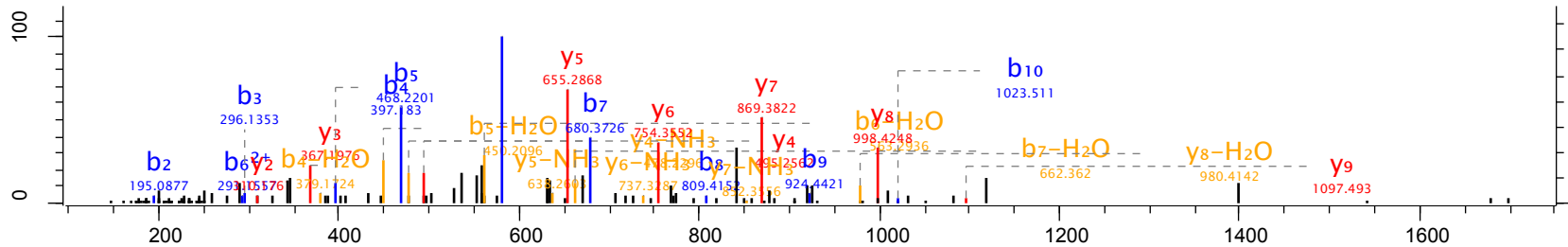
843.38

Gene names

ELOVL6



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract6_dyn_5ul_B6_01_441	16864	TOF; CID	104.7	560.27	TRIM38



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

17095

Method

TOF; CID

Score

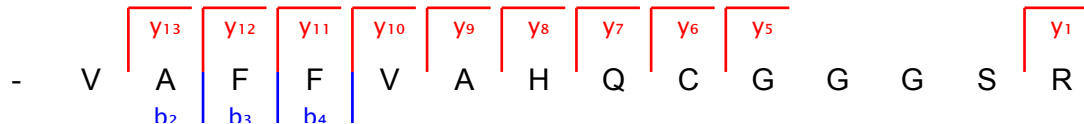
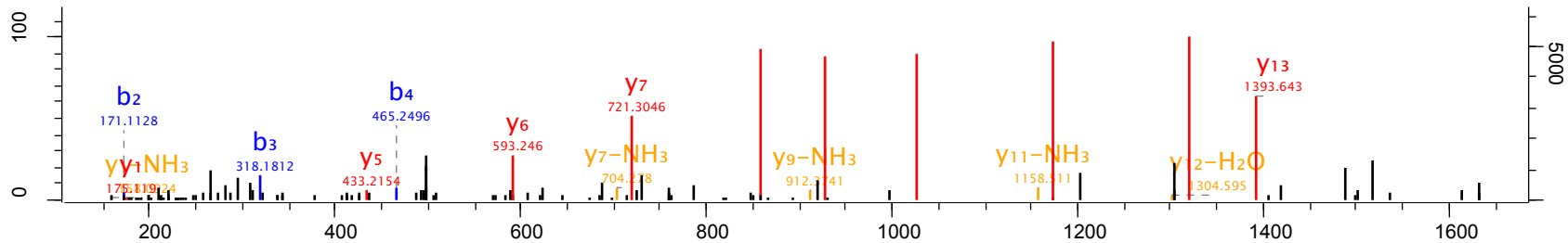
69.92

m/z

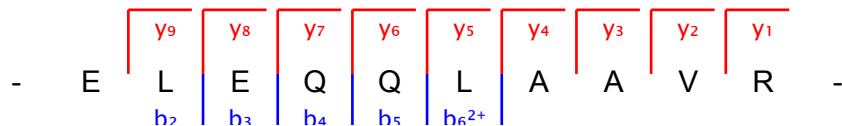
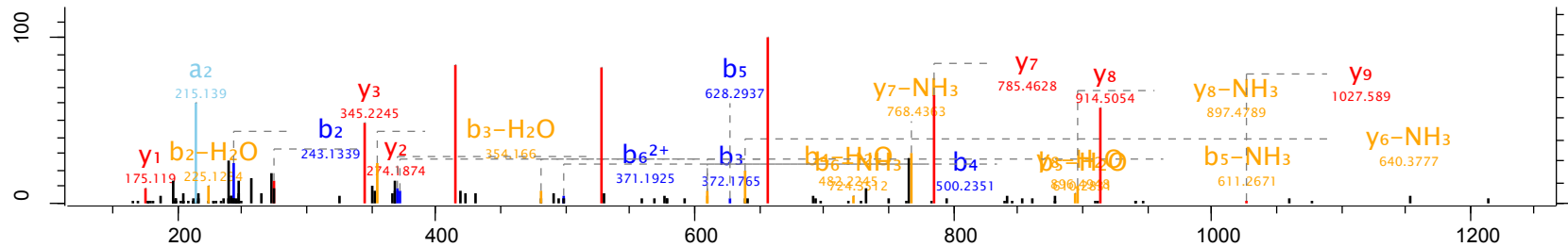
498.24

Gene names

FBXO46



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract6_dyn_5ul_B6_01_441	17611	TOF; CID	139.39	578.82	FAM109A



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

20019

Method

TOF; CID

Score

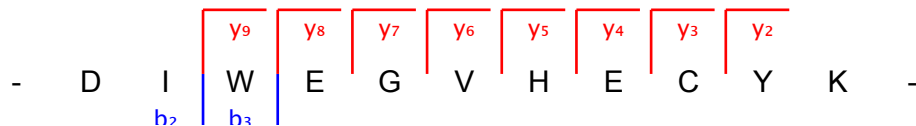
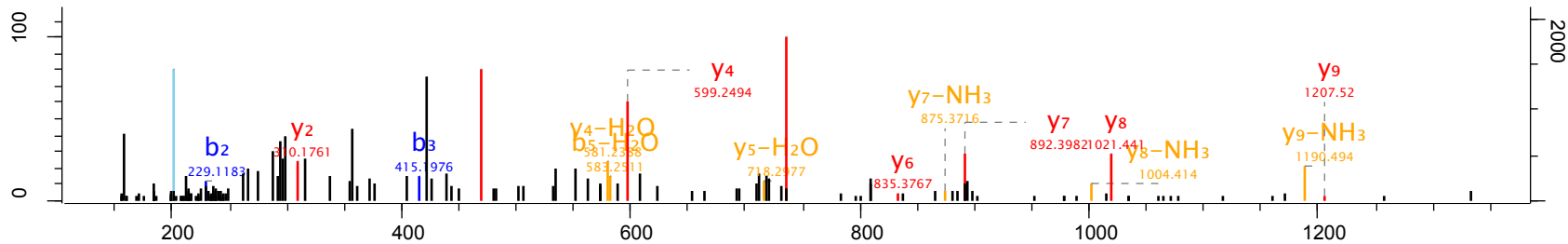
65.84

m/z

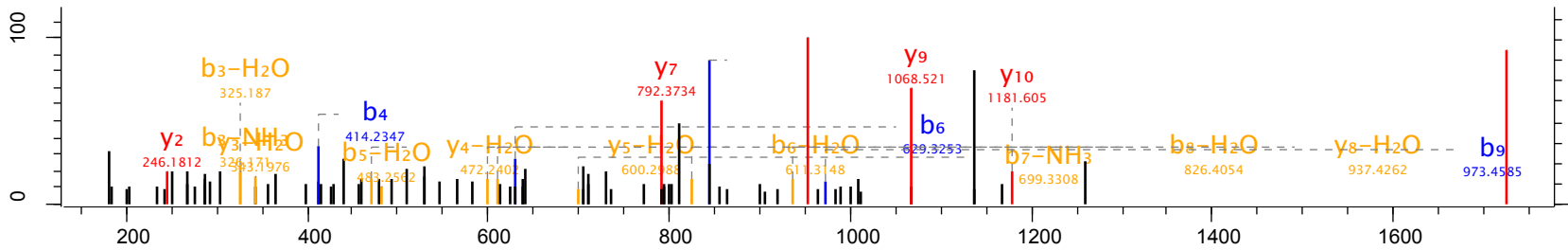
718.32

Gene names

ATG10



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract6_dyn_5ul_B6_01_441	20736	TOF; CID	30.92	1137.52	MDM2



- I T Q A | S Q | S Q | E | S E D Y S Q P S T S S S

h₄ | h₆ | h₈ | h₉ | y₁₆

Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

21185

Method

TOF; CID

Score

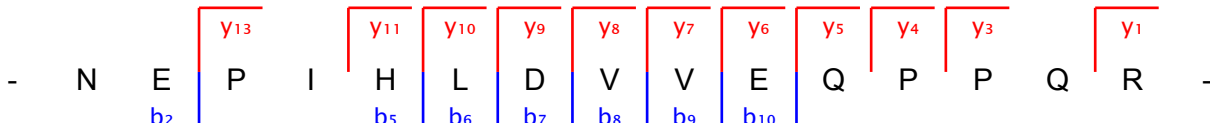
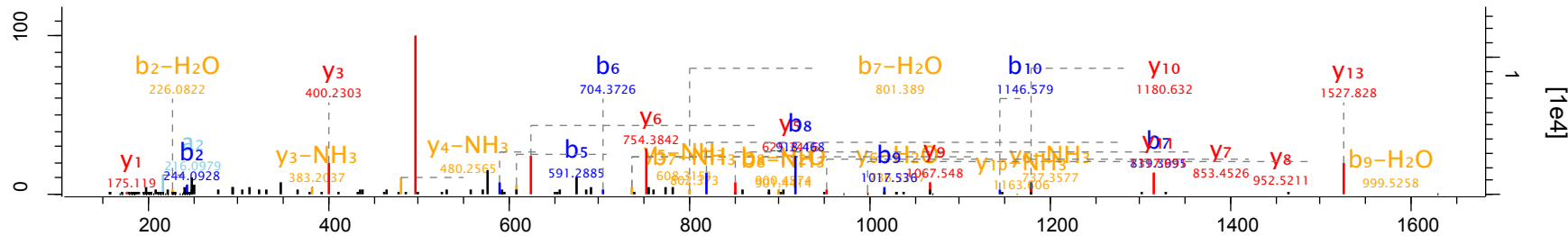
121.95

m/z

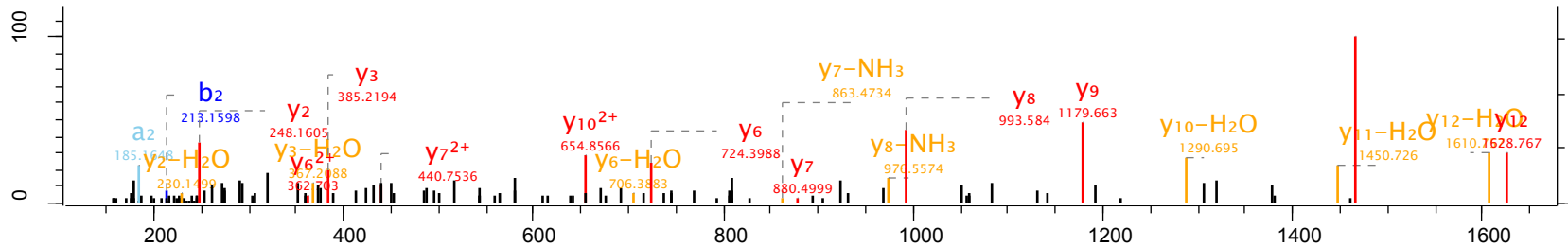
591.31

Gene names

BTBD7



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract6_dyn_5ul_B6_01_441	22628	TOF; CID	86.8	461.23	ZKSCAN5



- V L C C E W L R P E L H T K -
 b₂

y₁₂ y₁₁ y₁₀²⁺ y₉ y₈ y₇ y₆ y₃ y₂

Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

24882

Method

TOF; CID

Score

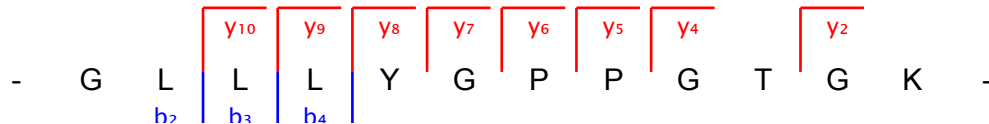
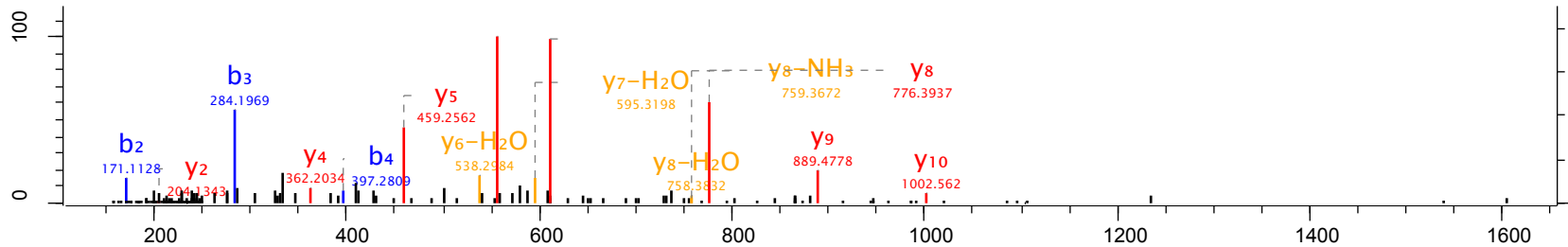
64.12

m/z

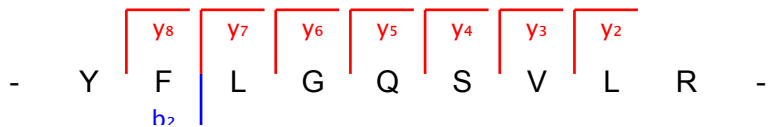
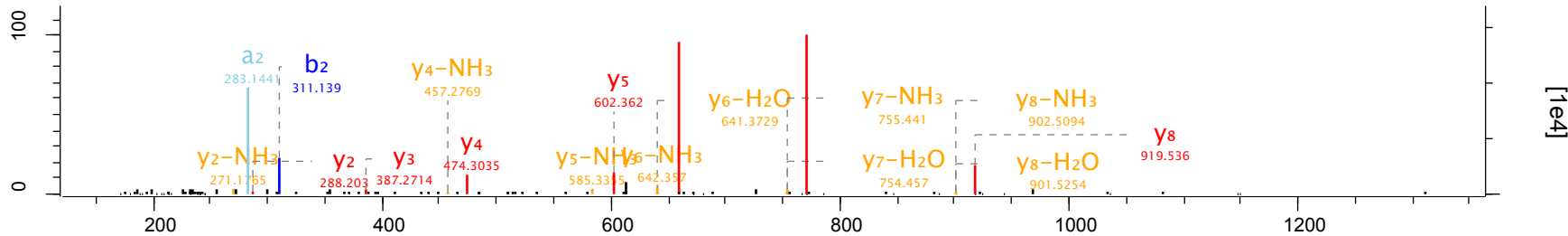
586.84

Gene names

KATNAL2



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract6_dyn_5ul_B6_01_441	26241	TOF; CID	109.48	541.8	PRELID1



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

26604

Method

TOF; CID

Score

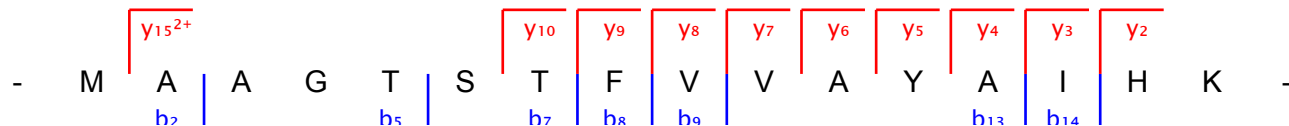
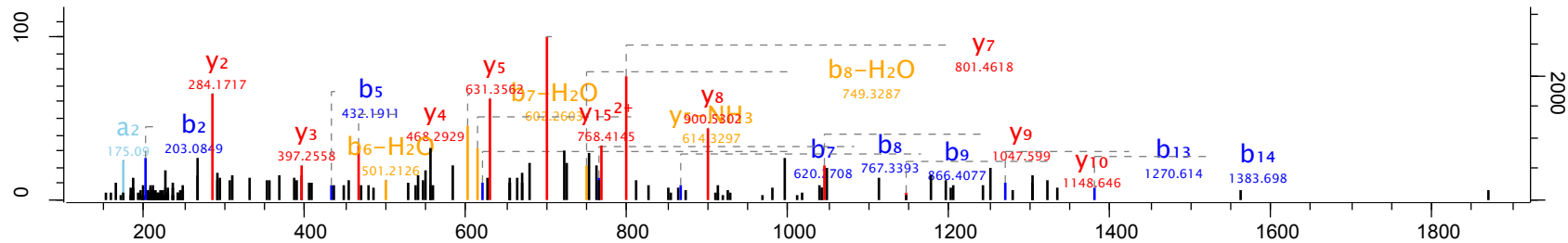
73.83

m/z

556.29

Gene names

FAM210B



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

28115

Method

TOF; CID

Score

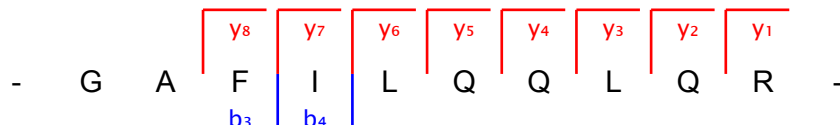
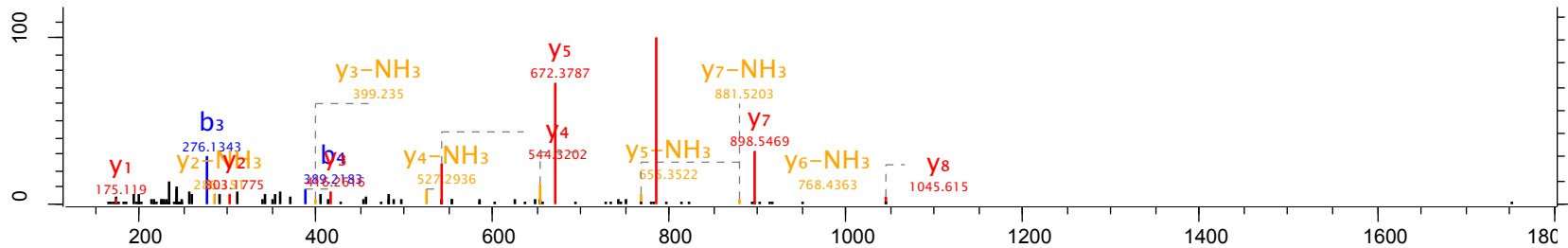
83.95

m/z

587.34

Gene names

GLTSCR1L



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

29609

Method

TOF; CID

Score

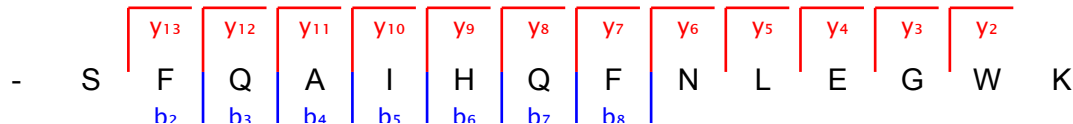
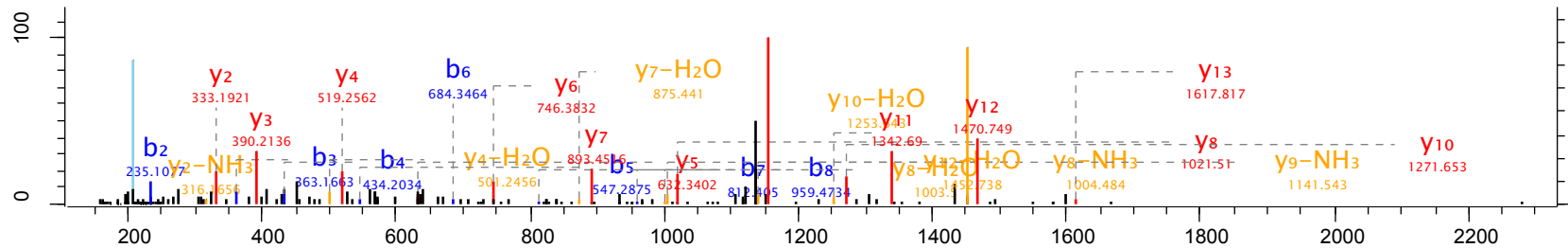
107.82

m/z

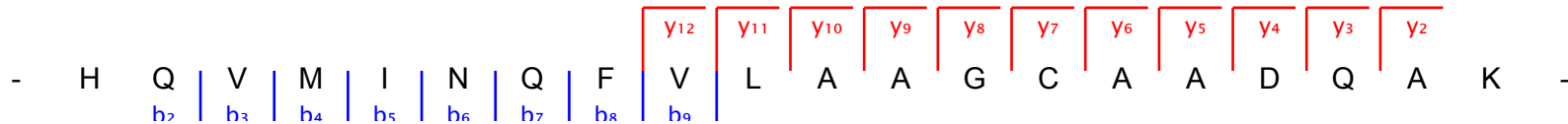
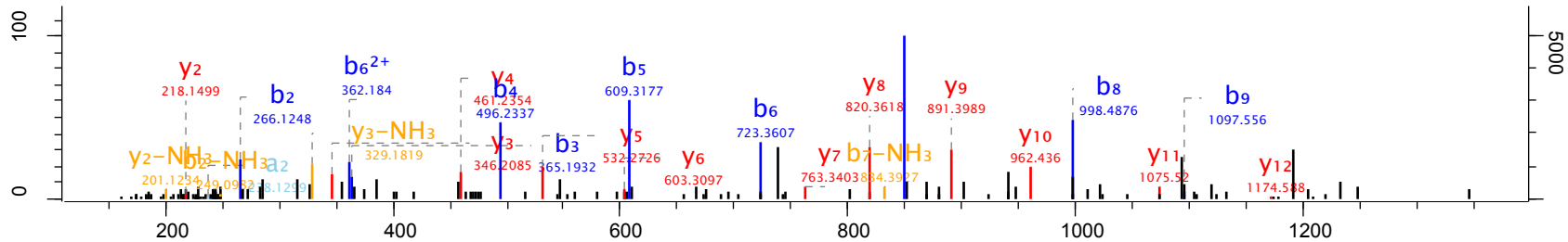
569.29

Gene names

CENPP



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract6_dyn_5ul_B6_01_441	29925	TOF; CID	67.23	725.03	UBALD2



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract6_dyn_5ul_B6_01_441

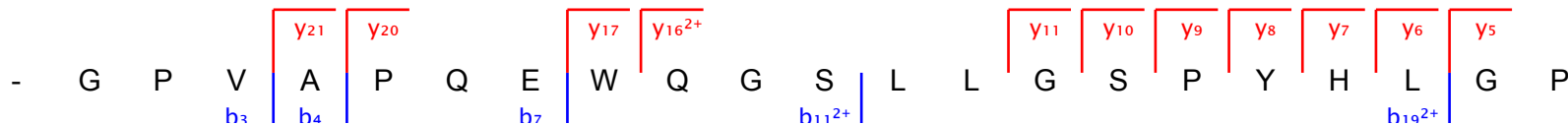
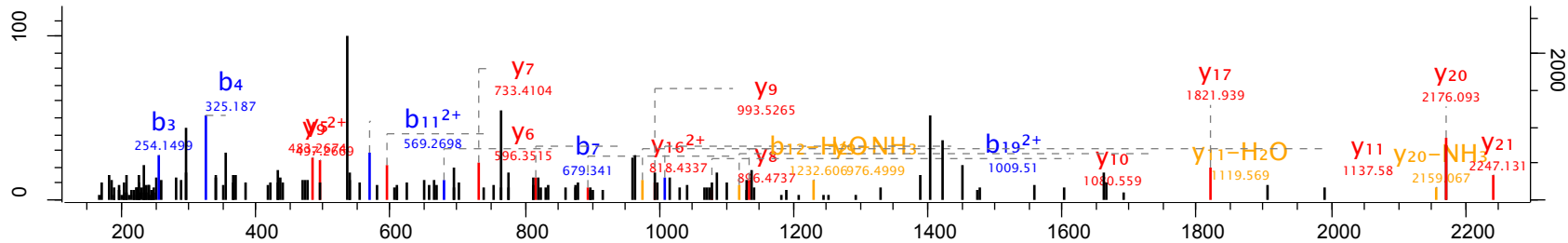
32154

TOF; CID

55.84

834.43

TFR2



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

33623

Method

TOF; CID

Score

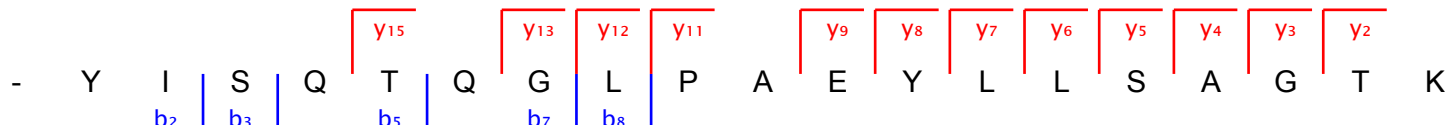
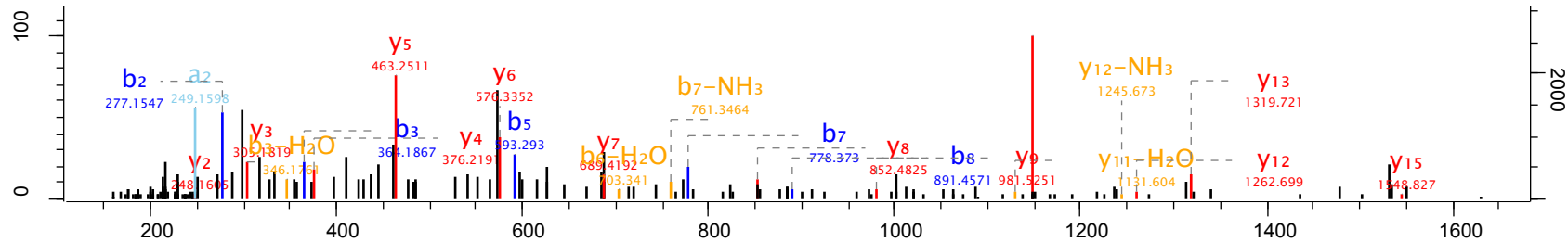
52.43

m/z

1021.04

Gene names

HIPK2;HIPK1



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

34441

Method

TOF; CID

Score

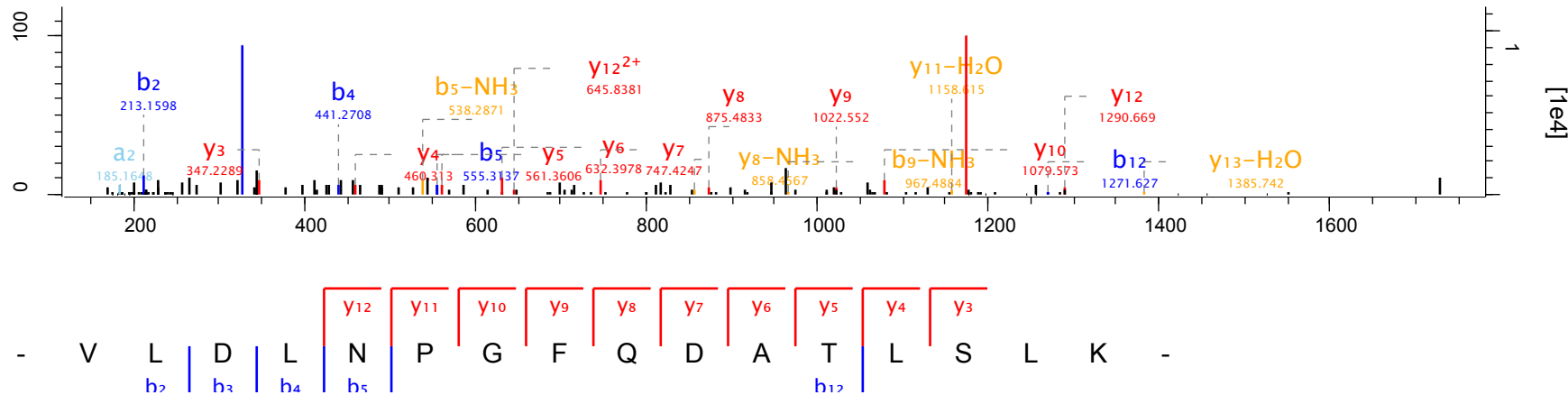
60.54

m/z

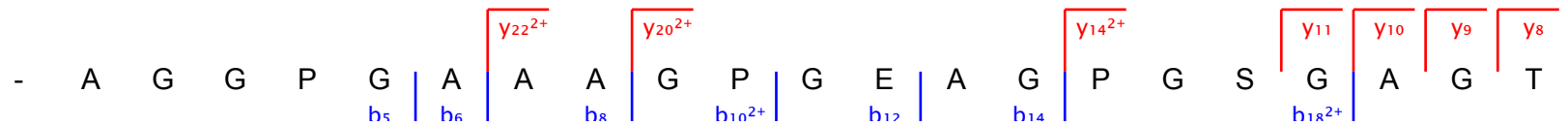
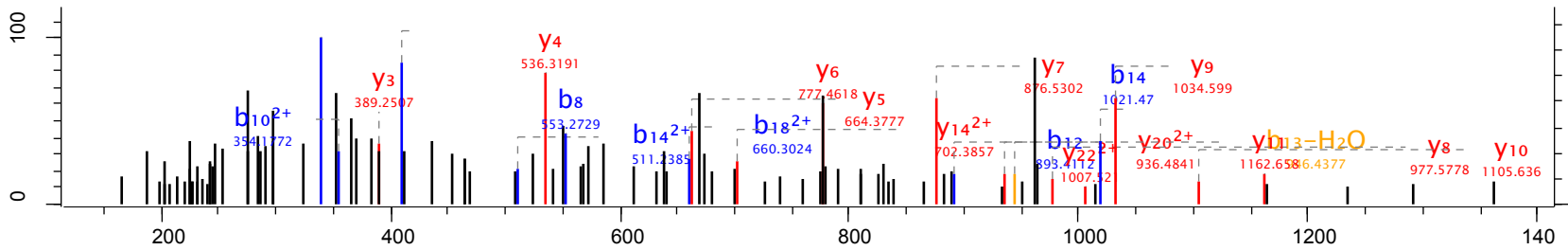
866.47

Gene names

TTC32



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract6_dyn_5ul_B6_01_441	38112	TOF; CID	31.55	809.42	DOS;C19orf26



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

5466

Method

TOF; CID

Score

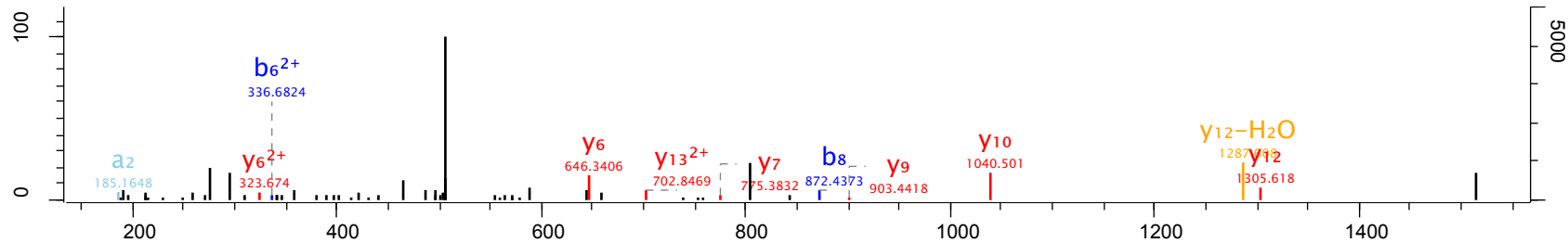
43.03

m/z

506.59

Gene names

STOX2;GDAP1



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

7569

Method

TOF; CID

Score

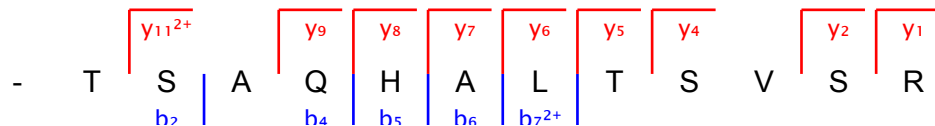
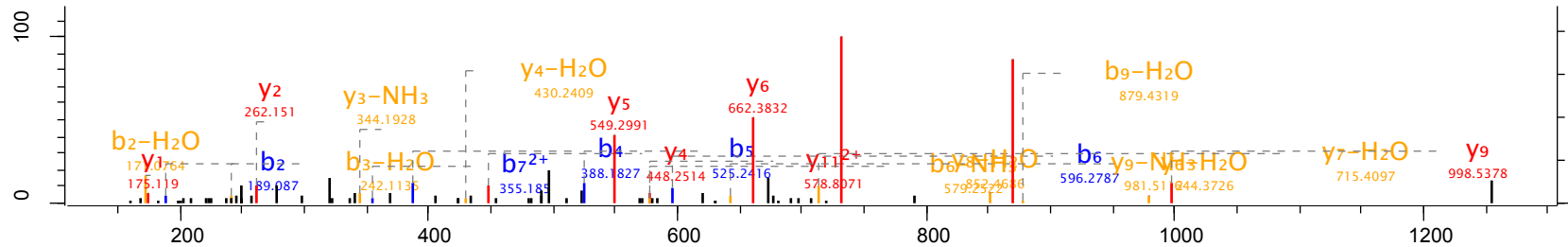
89.43

m/z

629.33

Gene names

CXCR4



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

8519

Method

TOF; CID

Score

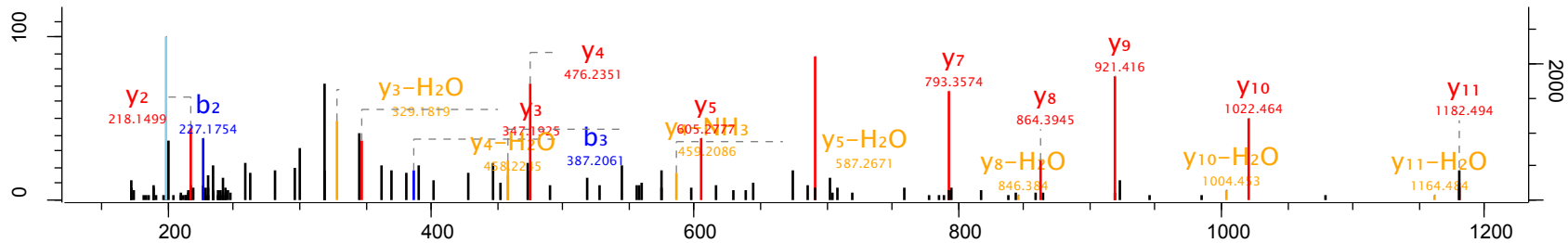
92.86

m/z

705.84

Gene names

TBPL1



Raw file

Scan

Method

Score

m/z

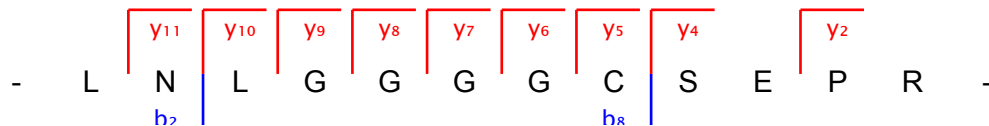
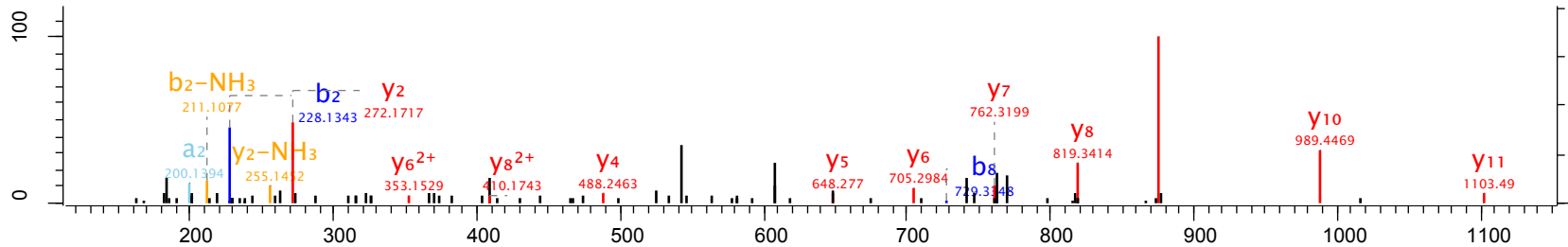
20140925_fract7_dyn_5ul_B7_01_442

11359

TOF; CID

58.1

608.79



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract7_dyn_5ul_B7_01_442

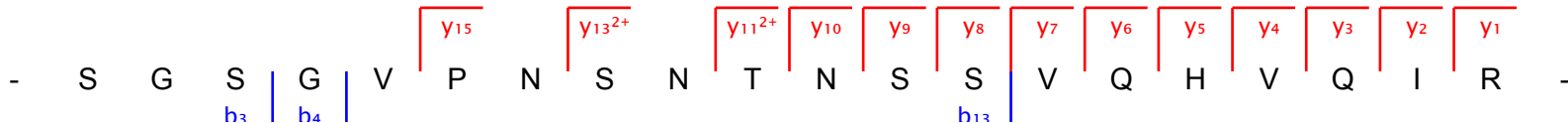
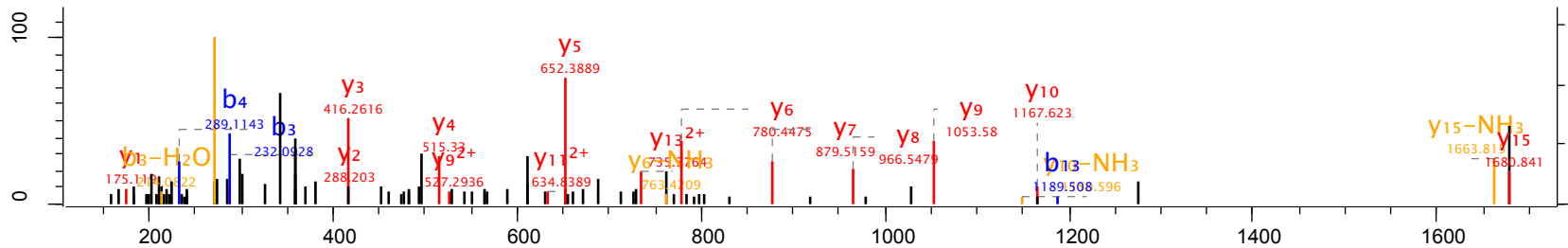
11706

TOF; CID

66.15

690.34

DMTF1



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

12226

Method

TOF; CID

Score

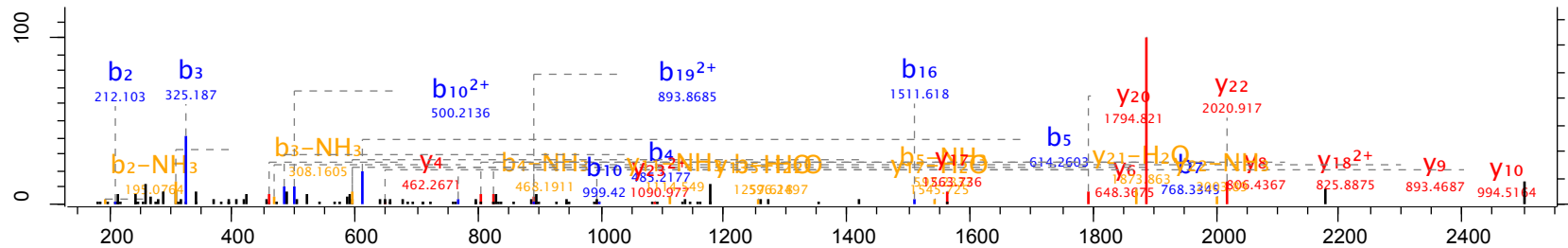
76.24

m/z

836.05

Gene names

TMEM39B



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

17185

Method

TOF; CID

Score

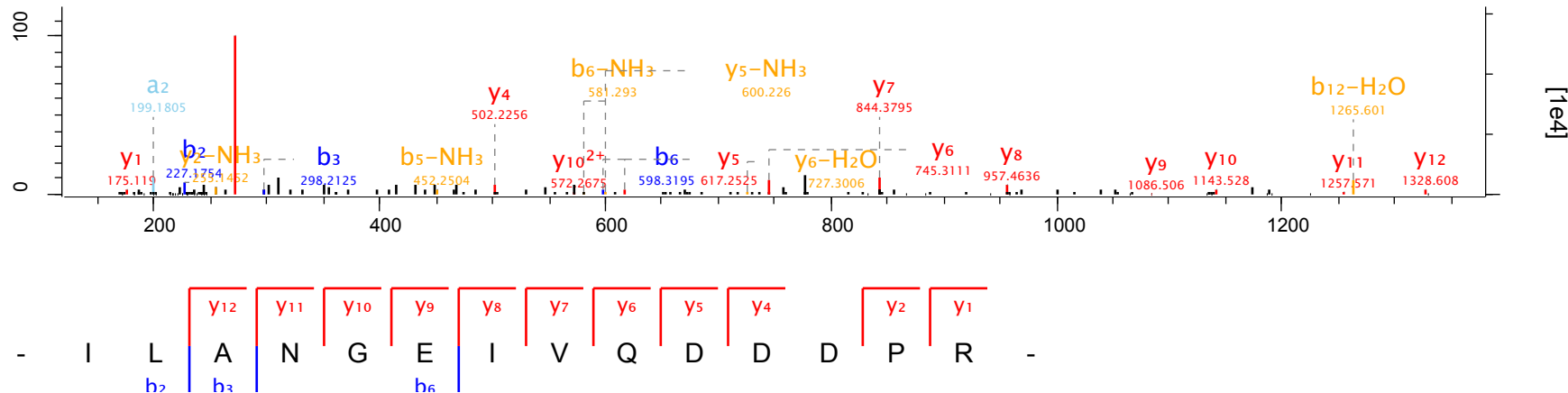
55.66

m/z

777.89

Gene names

C10orf35



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

17433

Method

TOF; CID

Score

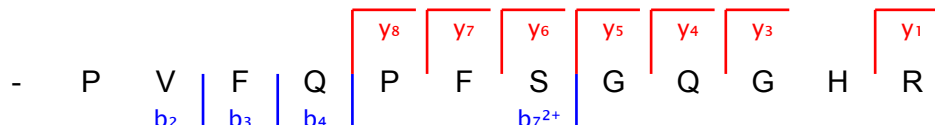
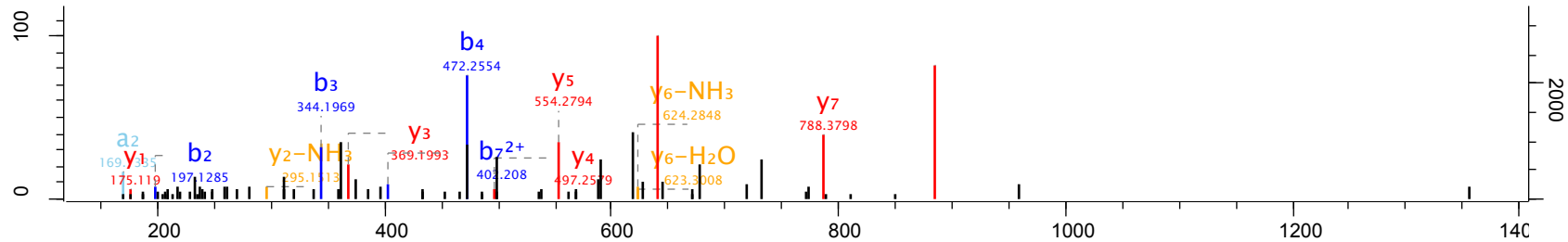
49.93

m/z

452.9

Gene names

UBXN2A



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

18863

Method

TOF; CID

Score

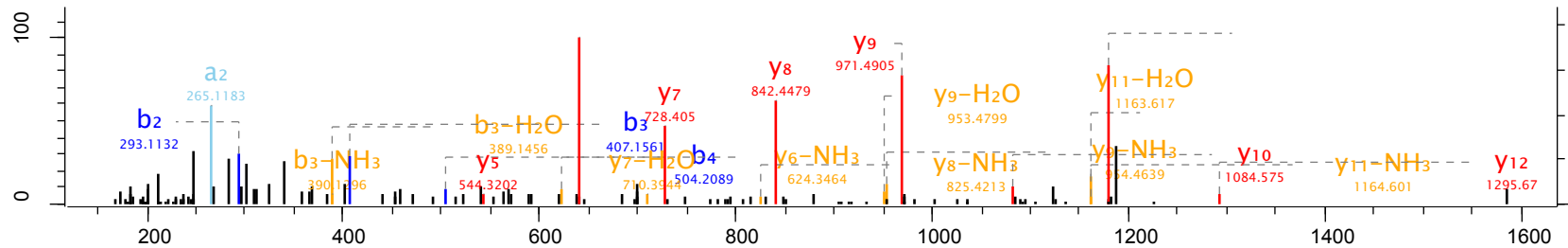
88.08

m/z

794.39

Gene names

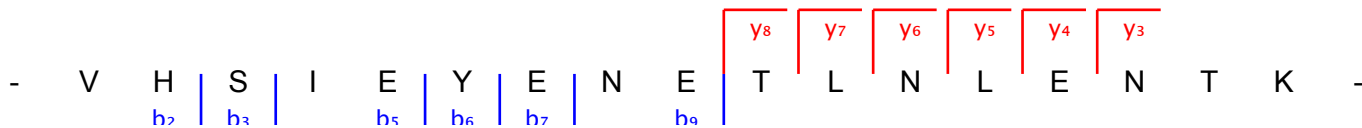
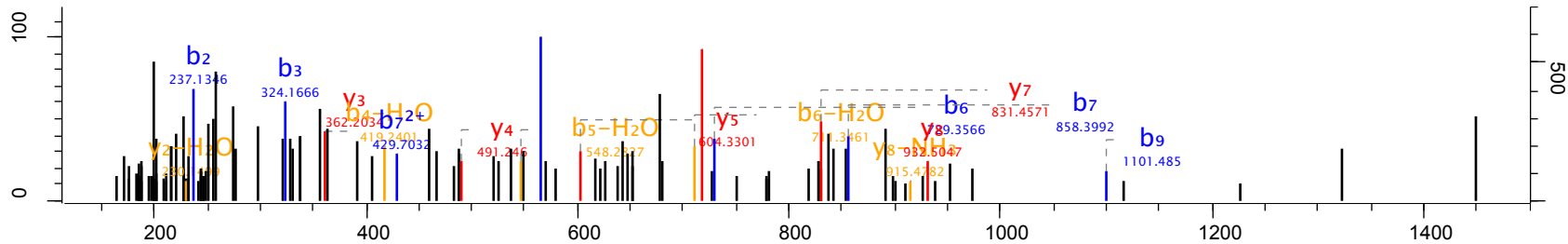
GPNMB



- E Y N P I E N S P G N V V R -

b₂ b₃ b₄ y₁₂ y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₅

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract7_dyn_5ul_B7_01_442	19373	TOF; CID	42.71	678.33	ODF2L



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

19862

Method

TOF; CID

Score

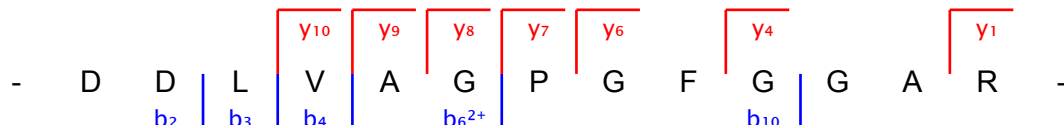
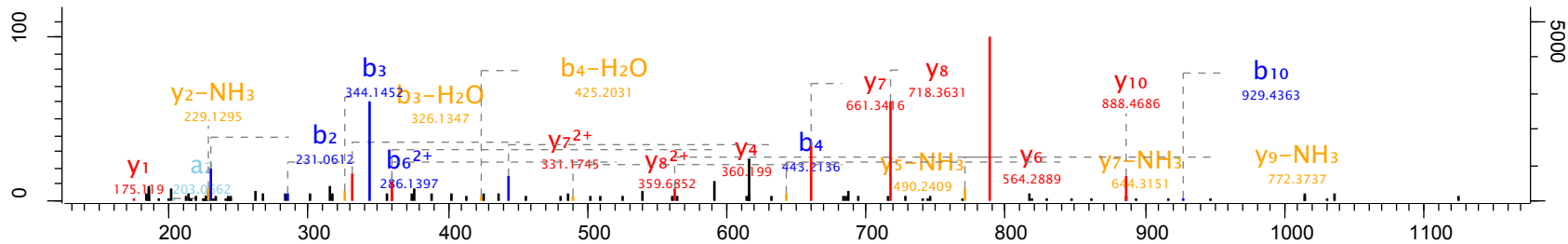
69.82

m/z

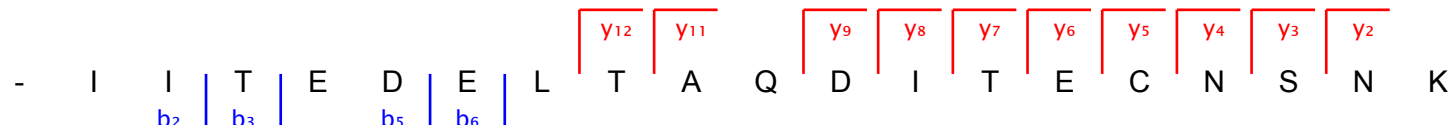
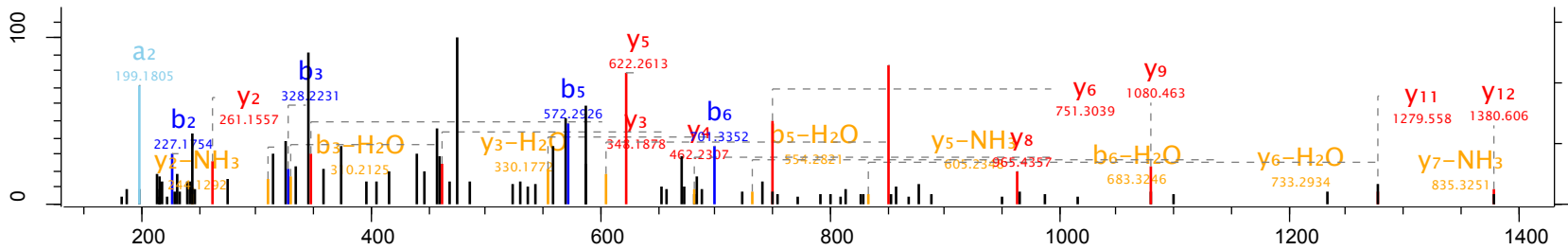
616.31

Gene names

ZDHHC8



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract7_dyn_5ul_B7_01_442	21649	TOF; CID	50.94	1098.01	BRPF3



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

22742

Method

TOF; CID

Score

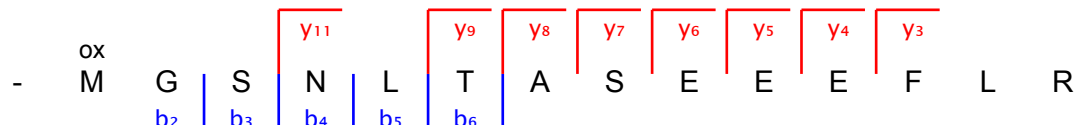
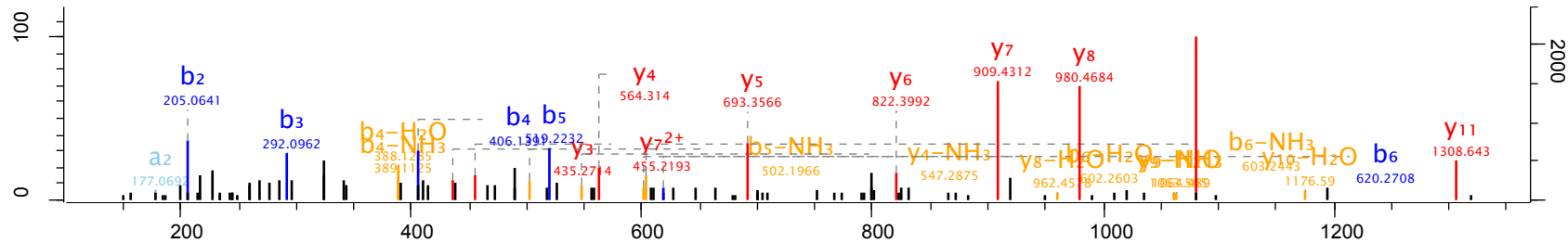
113.76

m/z

800.37

Gene names

CTNNBIP1



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

23880

Method

TOF; CID

Score

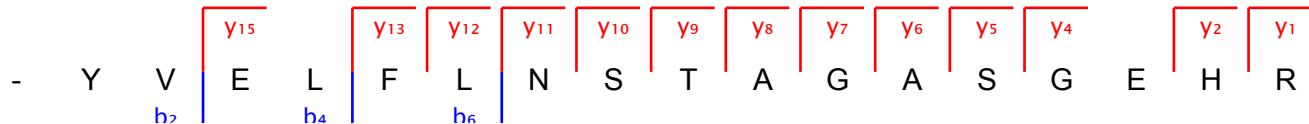
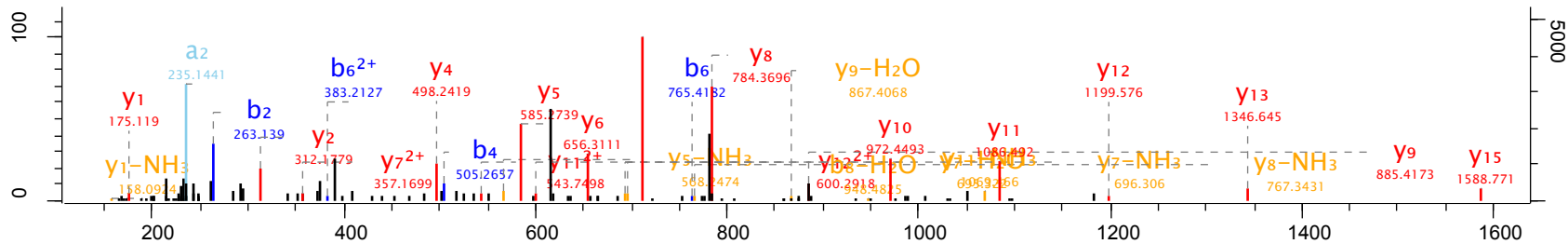
105.53

m/z

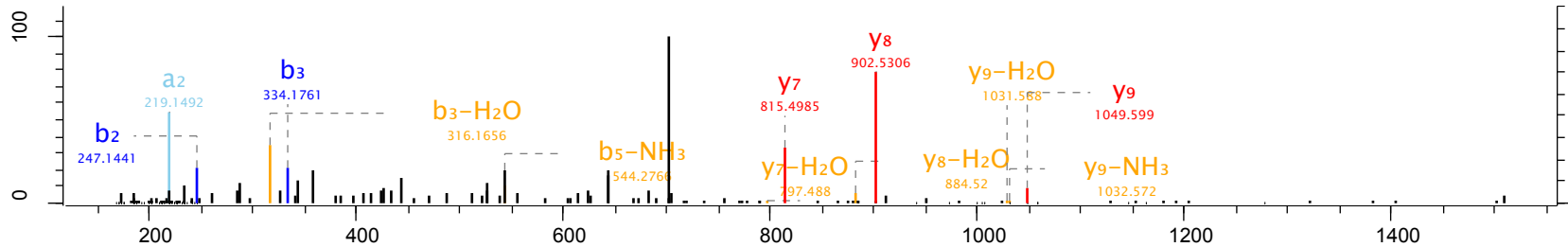
617.97

Gene names

HNRNPH1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract7_dyn_5ul_B7_01_442	23891	TOF; CID	74.46	574.84	ANKEF1



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

24744

Method

TOF; CID

Score

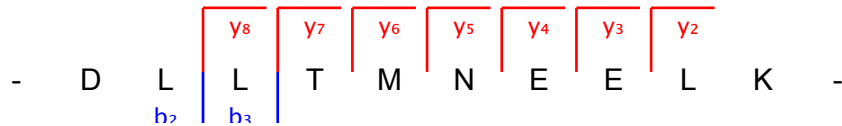
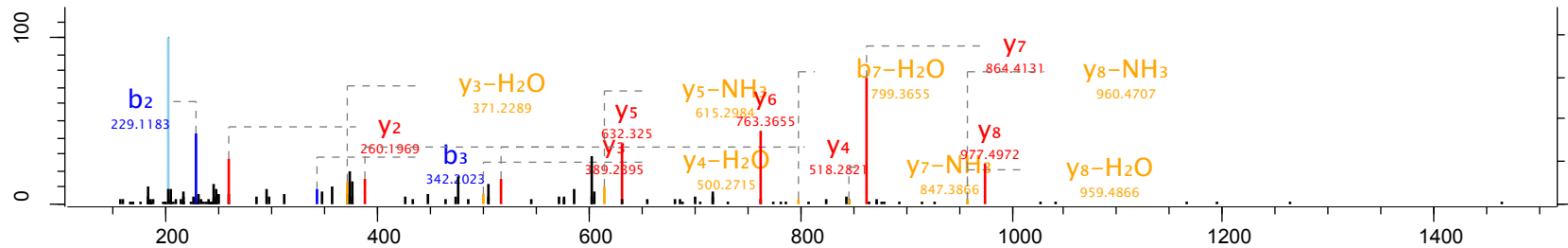
105.98

m/z

603.31

Gene names

TAF13



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

24899

Method

TOF; CID

Score

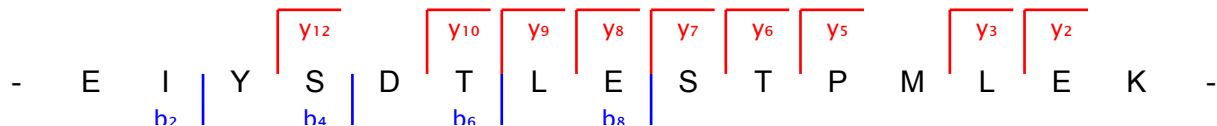
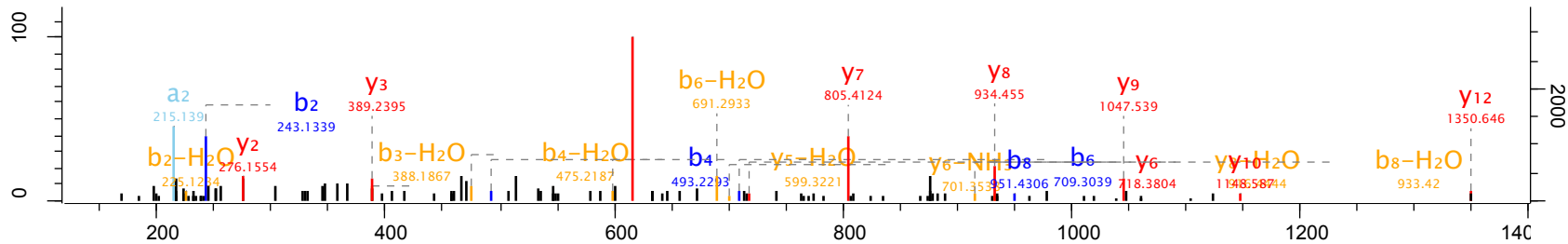
56.87

m/z

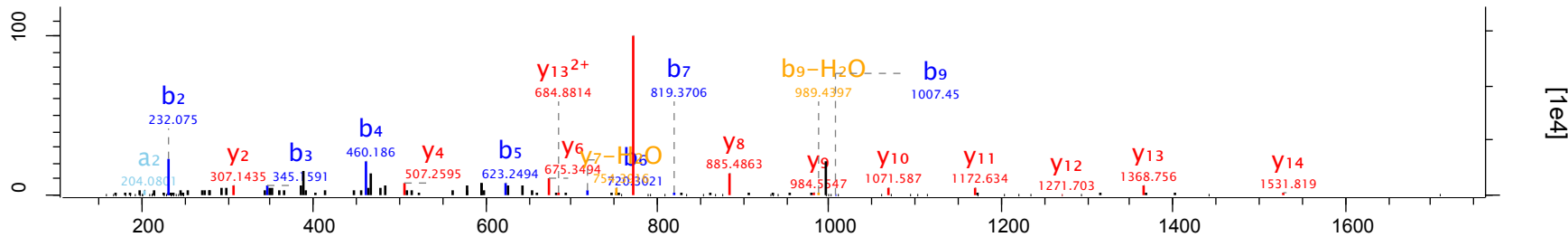
878.92

Gene names

INPP5A



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract7_dyn_5ul_B7_01_442	32048	TOF; CID	91.4	996	PTTG1IP



- A C | L | D Y P V T S V L P P A S L C K -

h₂ | h₃ | h₄ | h₅ | h₆ | h₇ | h₉

y₁₄ | y₁₃ | y₁₂ | y₁₁ | y₁₀ | y₉ | y₈ | y₇ | y₆ | y₄ | y₂

Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

32461

Method

TOF; CID

Score

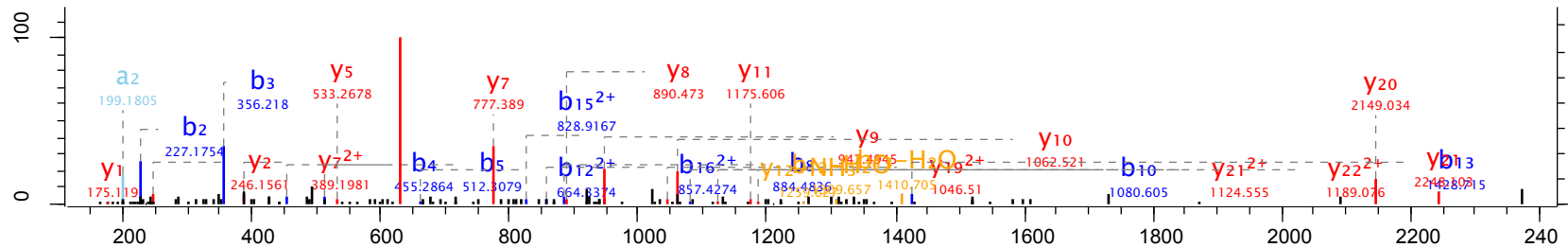
75.3

m/z

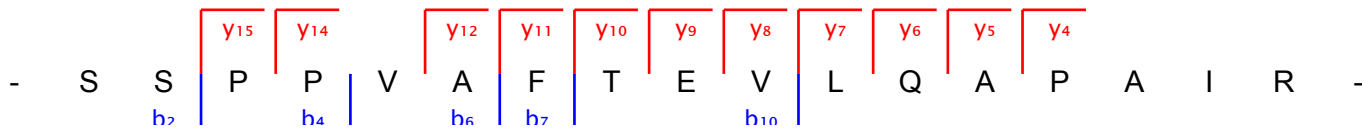
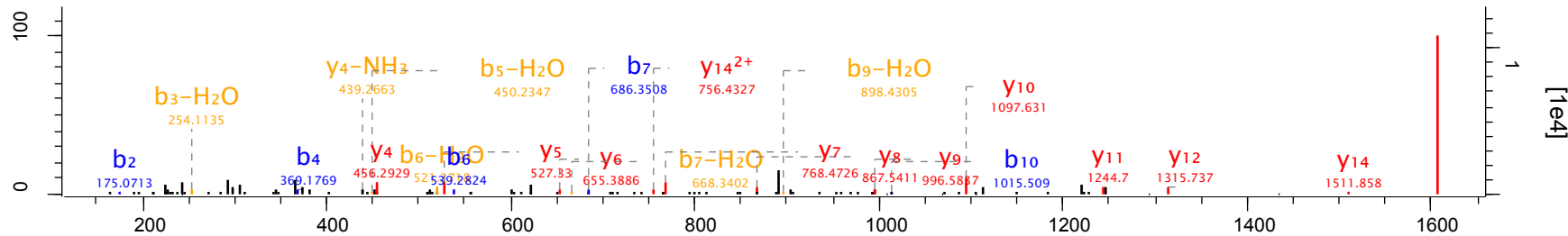
868.78

Gene names

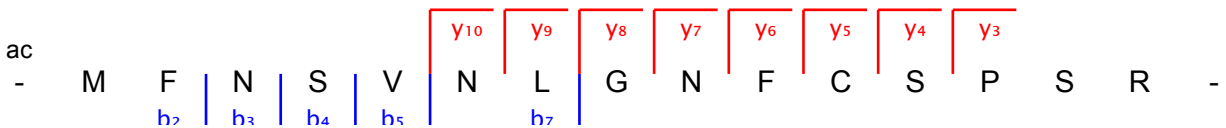
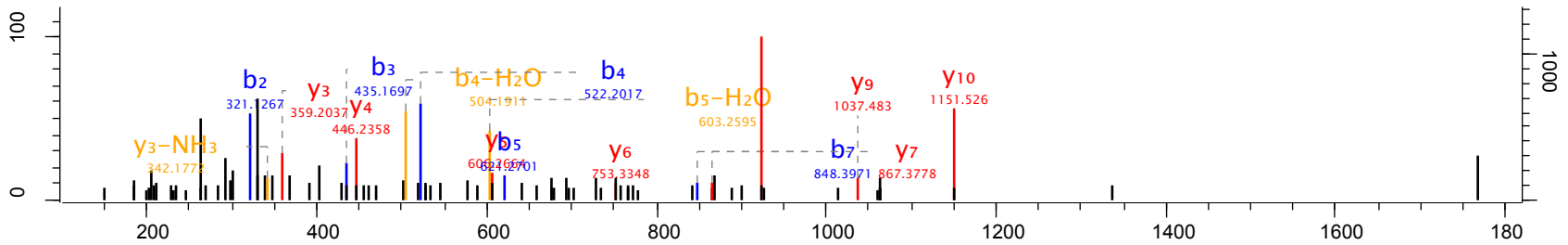
ICAM5



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract7_dyn_5ul_B7_01_442	34350	TOF; CID	63.69	891.99	PPP1R3F



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract7_dyn_5ul_B7_01_442	35244	TOF; CID	71.08	886.4	HOXC11



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

35325

Method

TOF; CID

Score

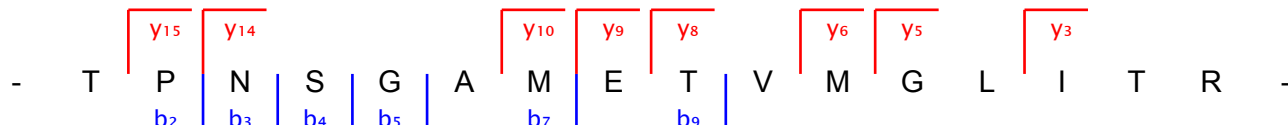
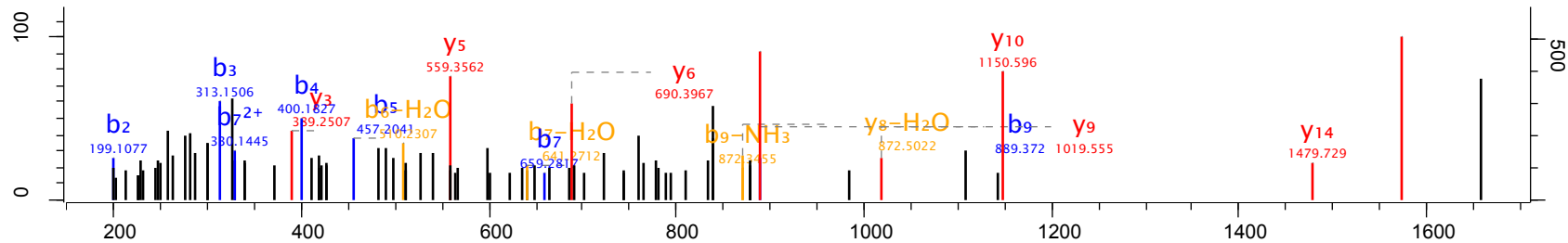
56.82

m/z

839.42

Gene names

ZRANB3



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

5102

Method

TOF; CID

Score

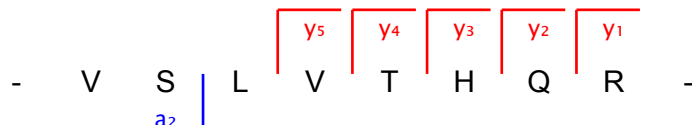
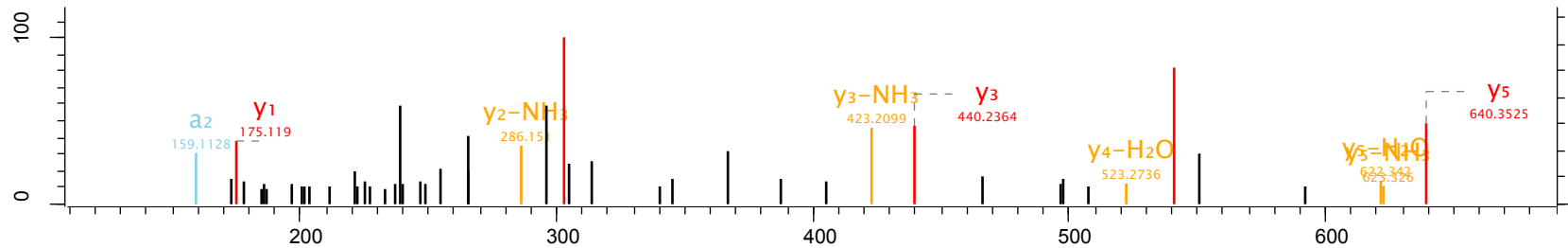
79.47

m/z

313.85

Gene names

ZNF212



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

9002

Method

TOF; CID

Score

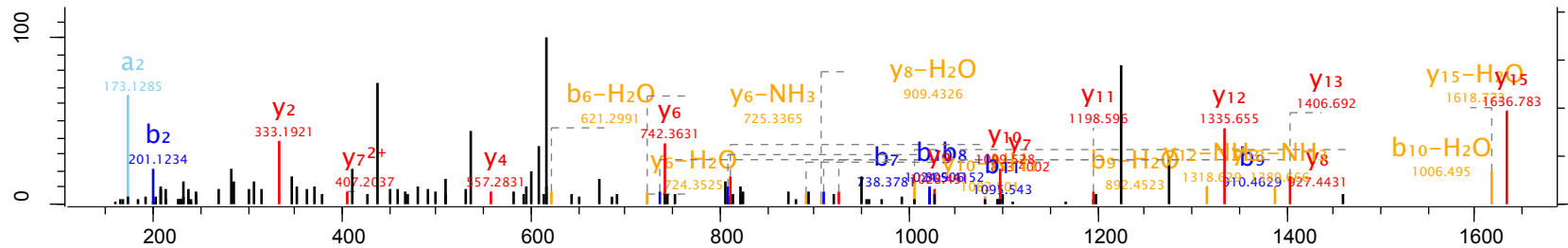
101.05

m/z

612.97

Gene names

THRB



- T V T E A H V A T N A Q G S H W K -

b₂ h₇ h₈ h₉ h₁₀ h₁₁ y₁₅ y₁₃ y₁₂ y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₄ y₂

Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

9549

Method

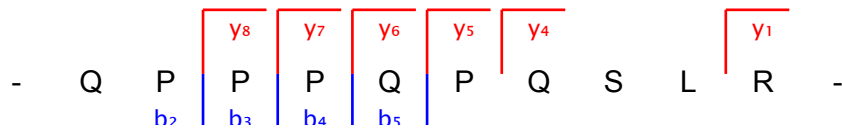
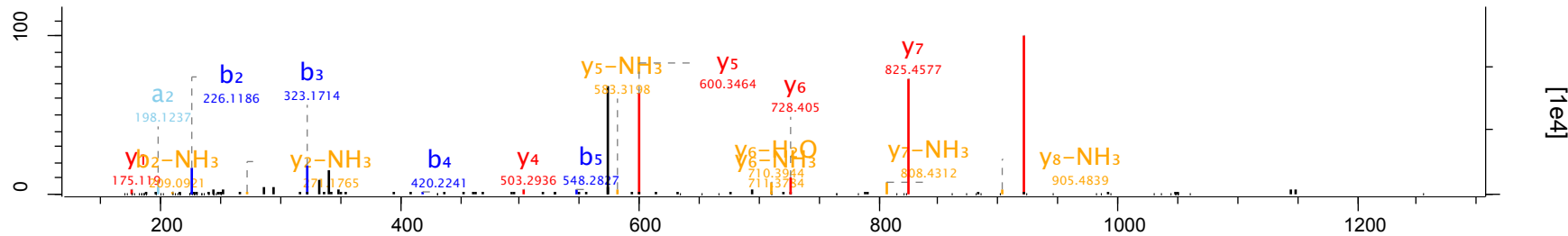
TOF; CID

Score

103.26

m/z

574.32



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract8_dyn_5ul_B8_01_443

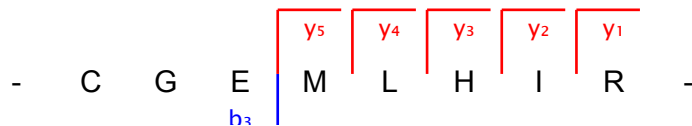
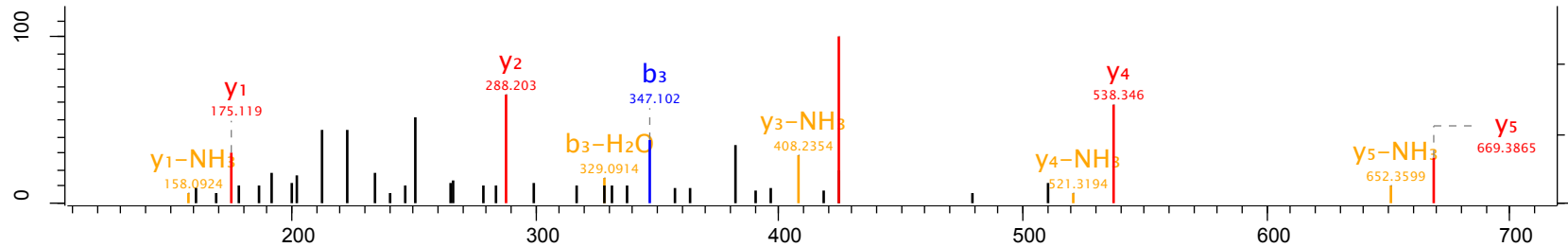
12927

TOF; CID

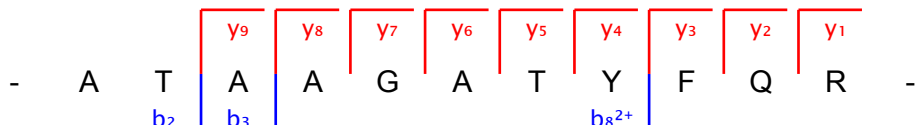
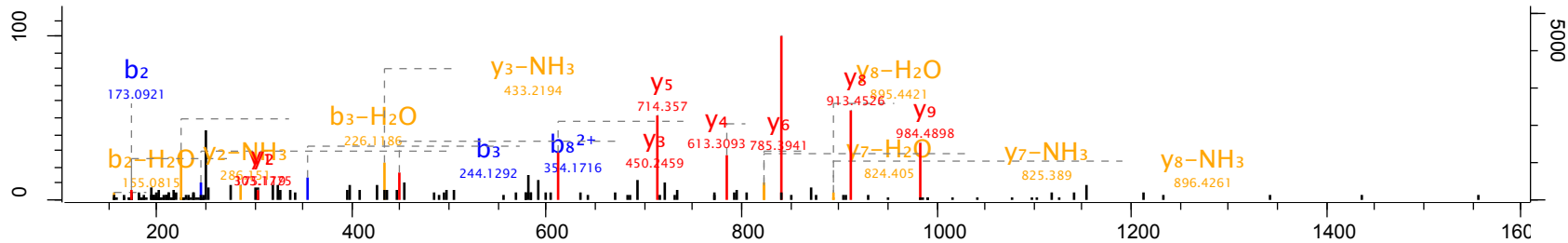
79.12

339.16

AQP3



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract8_dyn_5ul_B8_01_443	13166	TOF; CID	97.73	578.79	TMEM254



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

14497

Method

TOF; CID

Score

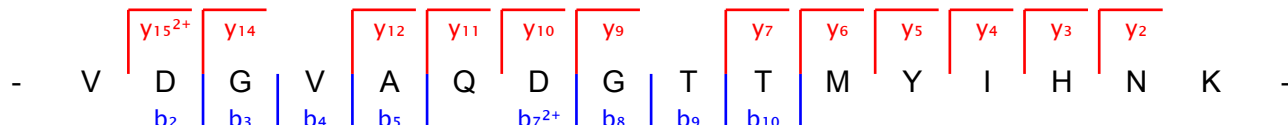
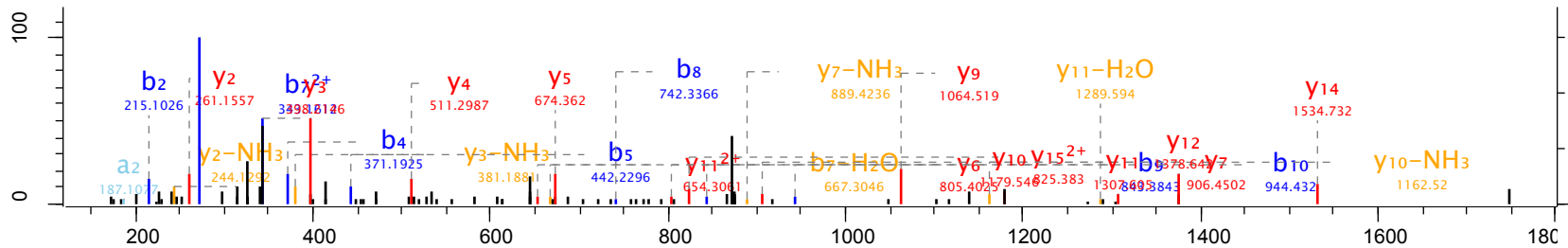
107.82

m/z

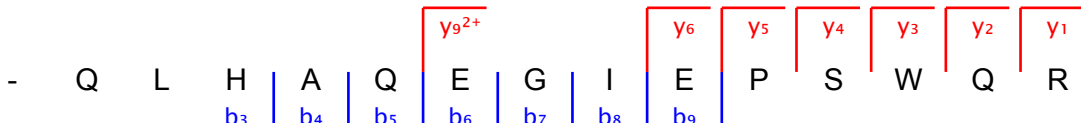
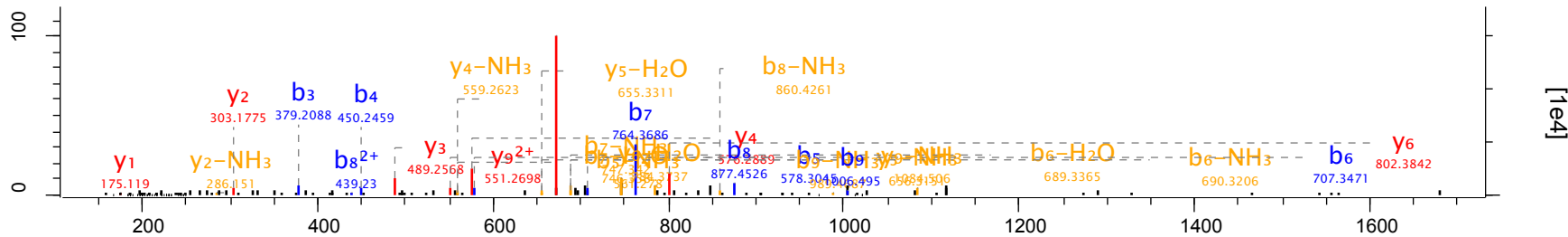
874.92

Gene names

TMEM181



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract8_dyn_5ul_B8_01_443	16430	TOF; CID	74.13	560.28	UBTD1



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

16846

Method

TOF; CID

Score

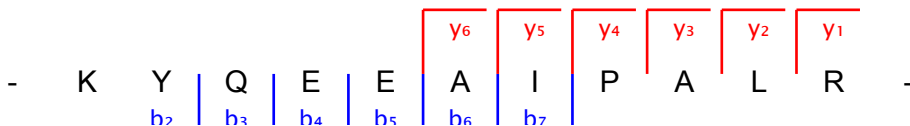
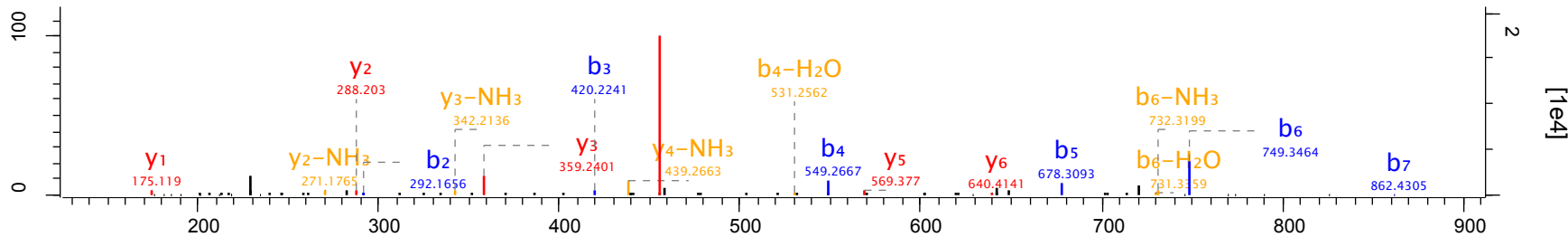
91.7

m/z

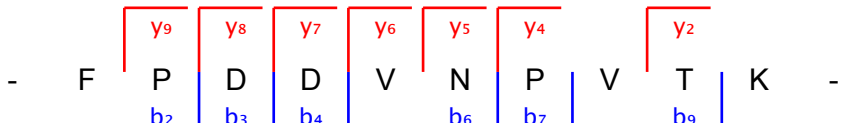
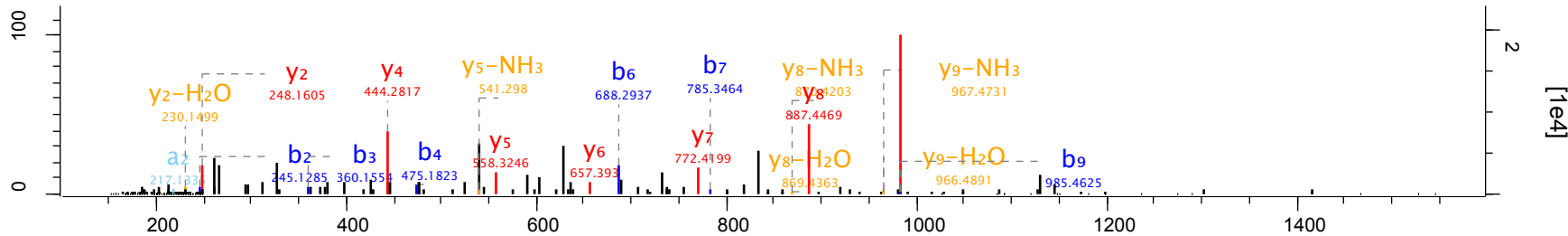
439.91

Gene names

PIGP



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract8_dyn_5ul_B8_01_443	16943	TOF; CID	71.9	566.29	C6orf57



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

19351

Method

TOF; CID

Score

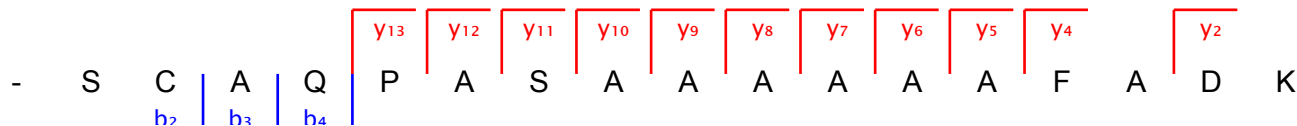
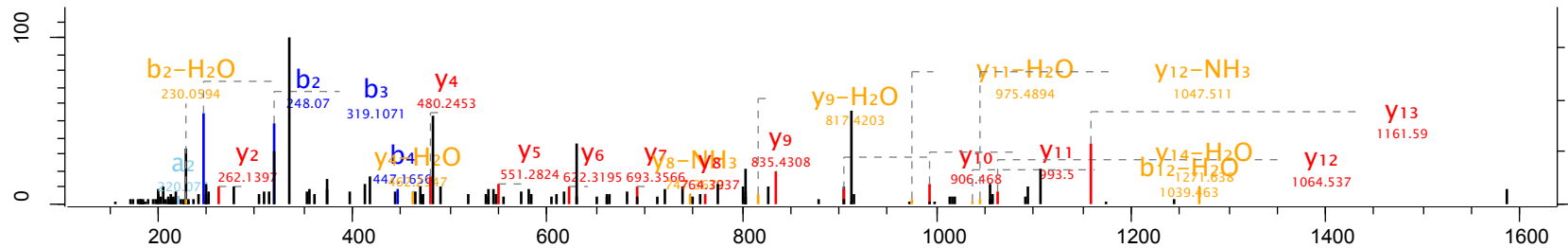
44.83

m/z

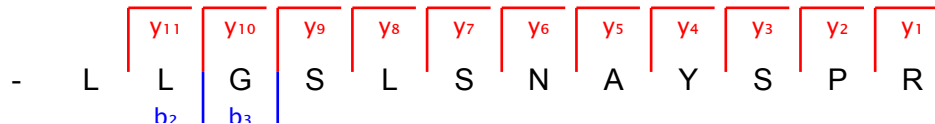
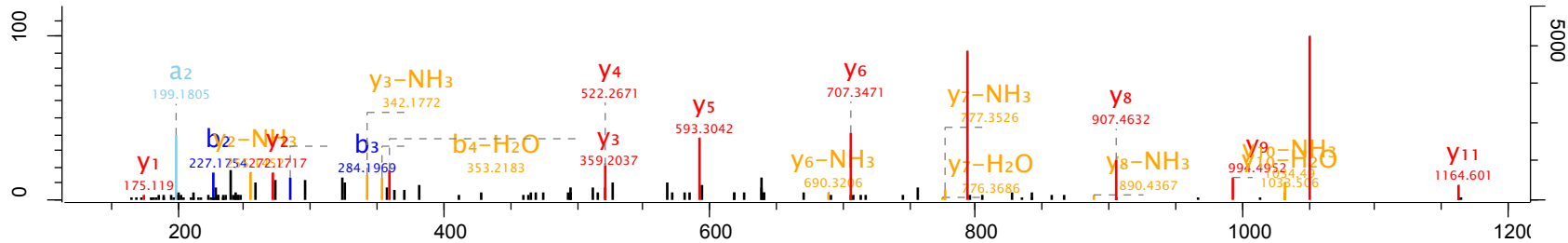
804.38

Gene names

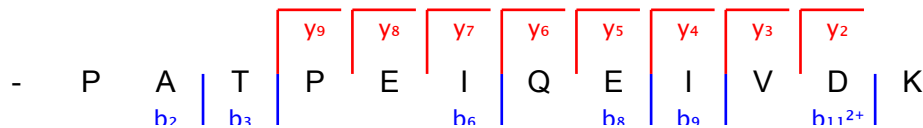
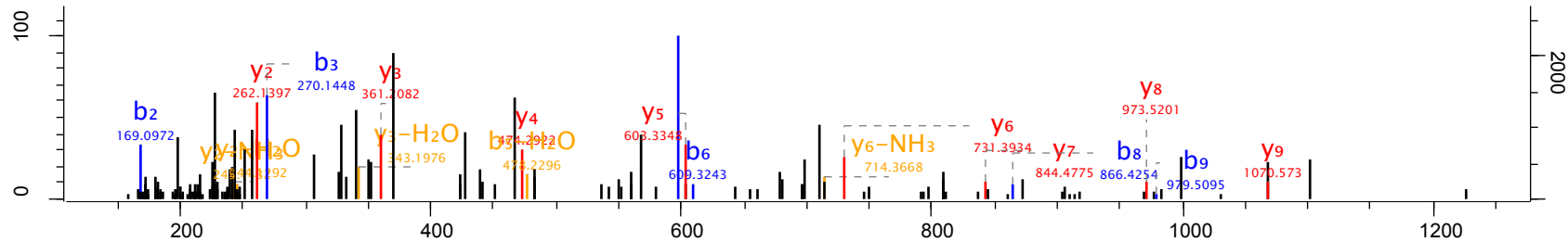
HOXA13



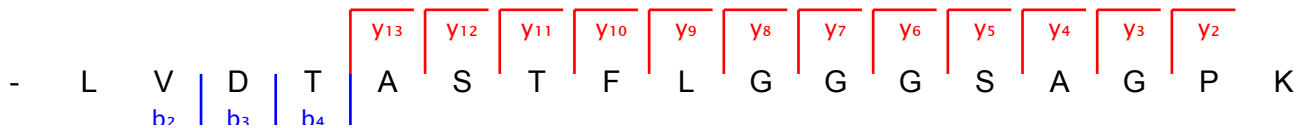
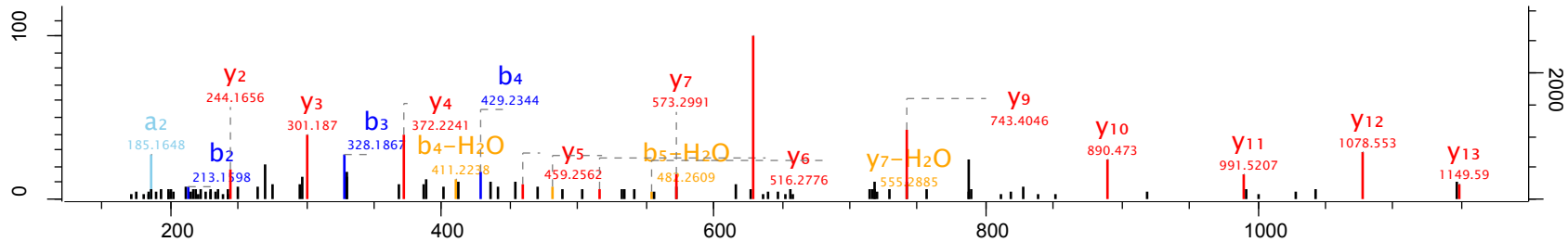
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract8_dyn_5ul_B8_01_443	21321	TOF; CID	111.94	639.35	ALG14



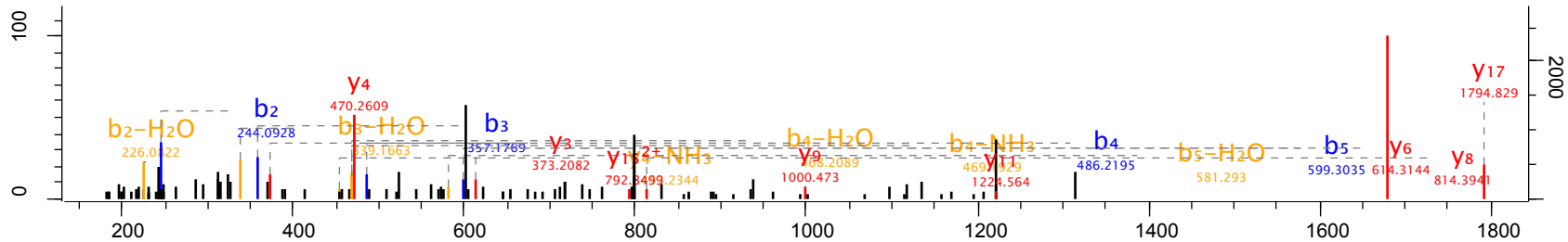
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract8_dyn_5ul_B8_01_443	22789	TOF; CID	53.87	670.36	CSTA



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract8_dyn_5ul_B8_01_443	23769	TOF; CID	56.82	789.41	CELSR1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract8_dyn_5ul_B8_01_443	23826	TOF; CID	45.42	798.38	ATXN7L2



- E N I E I I P S E G S S H W A E G S P P E
 b₂ b₃ b₄ b₅ y₁₇ y₁₆ y₁₅²⁺ y₁₁ y₉ y₈ y₆ y₄ y₃

Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

24478

Method

TOF; CID

Score

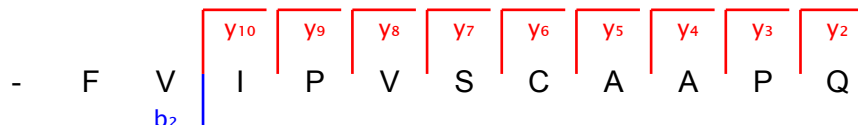
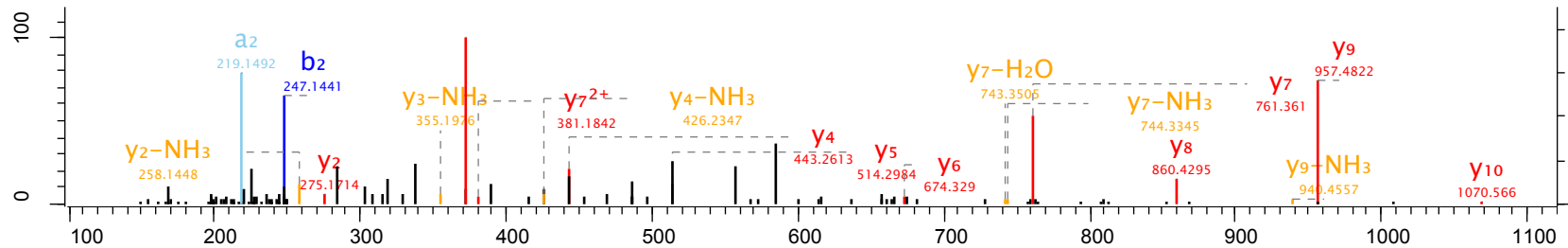
75.82

m/z

658.85

Gene names

PLAC1



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

25227

Method

TOF; CID

Score

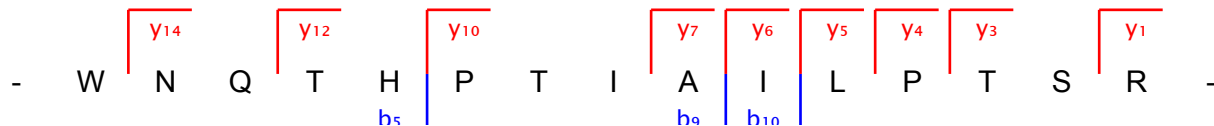
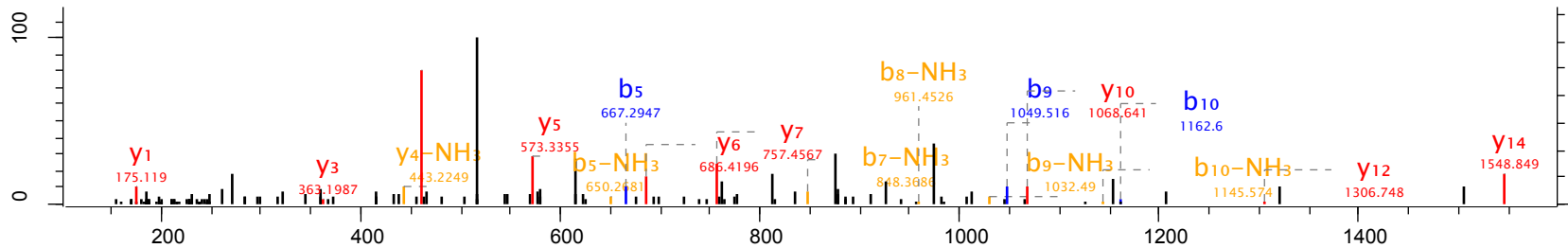
51.59

m/z

578.98

Gene names

DCLRE1B



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

28629

Method

TOF; CID

Score

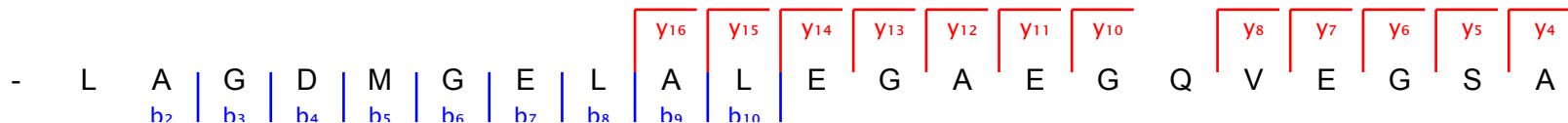
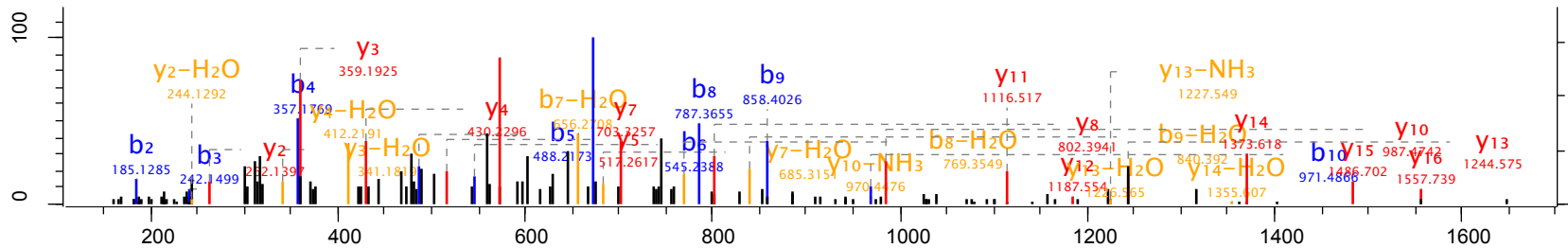
110.57

m/z

1173.06

Gene names

PKIG



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

30412

Method

TOF; CID

Score

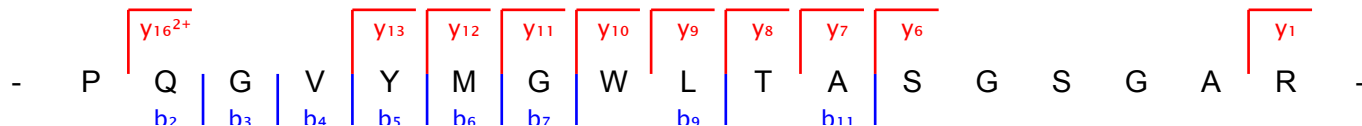
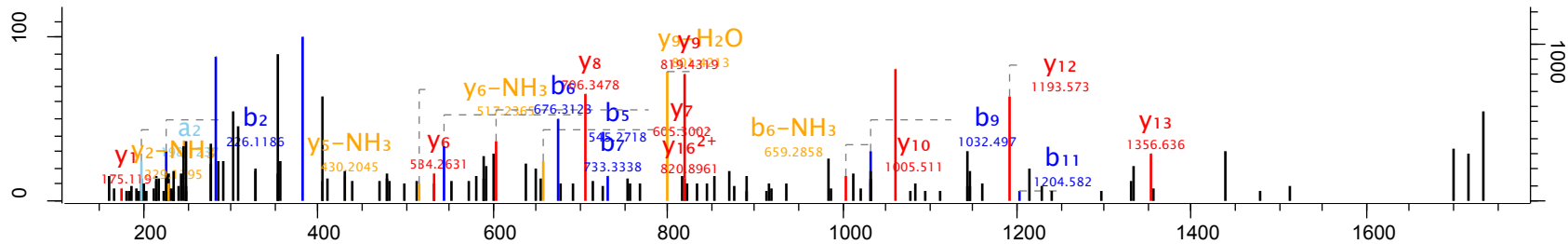
64.27

m/z

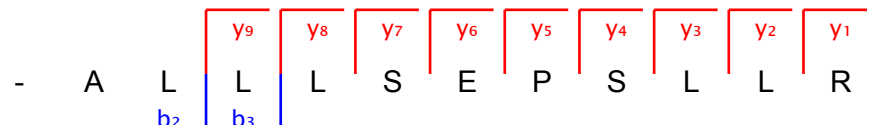
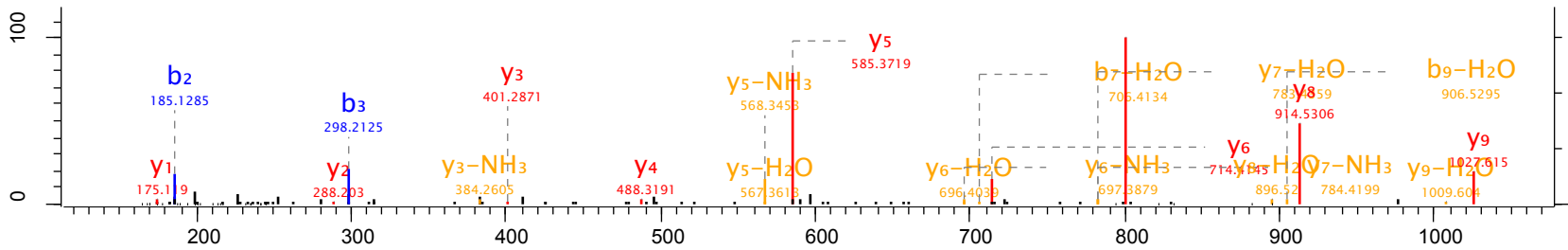
869.43

Gene names

MFSD8

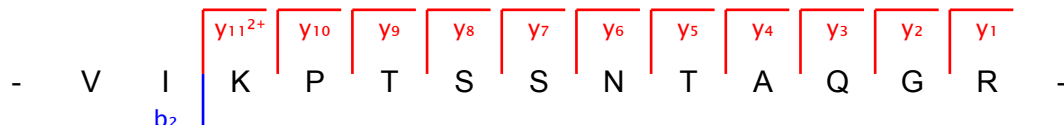
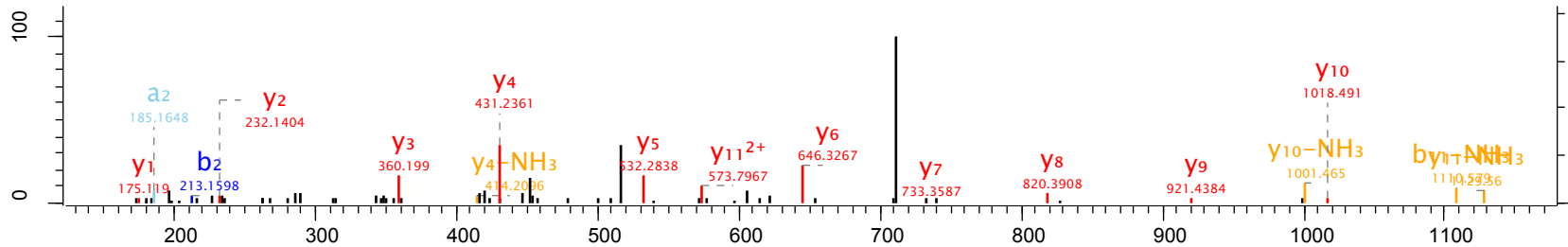


Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract8_dyn_5ul_B8_01_443	32575	TOF; CID	103.31	606.37	FAAP24;C19orf40

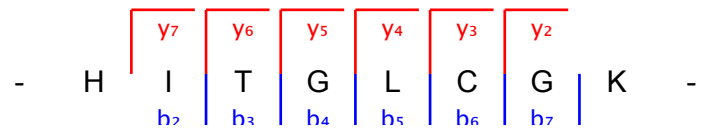
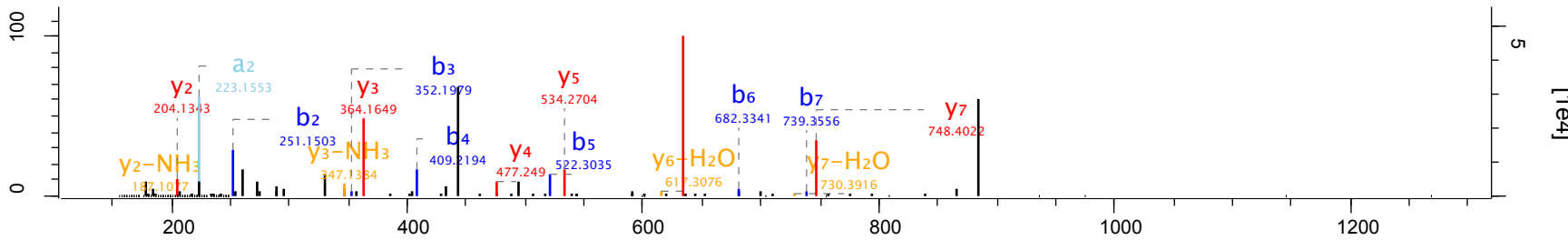


[1e4]

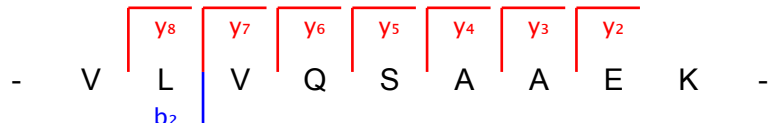
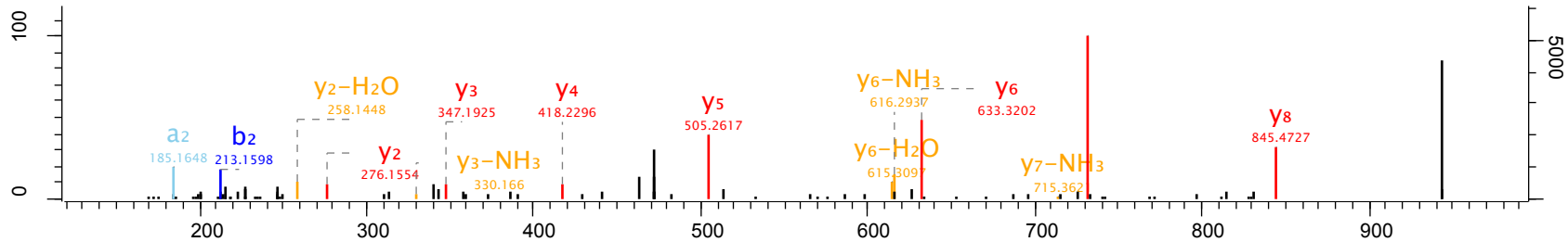
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	3856	TOF; CID	59.23	453.58	SPOCK1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	6056	TOF; CID	114.28	443.23	MRPS18C



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	7437	TOF; CID	80.69	472.77	ZNF236



Raw file

20140925_fract9_dyn_5ul_C1_01_444

Scan

11579

Method

TOF; CID

Score

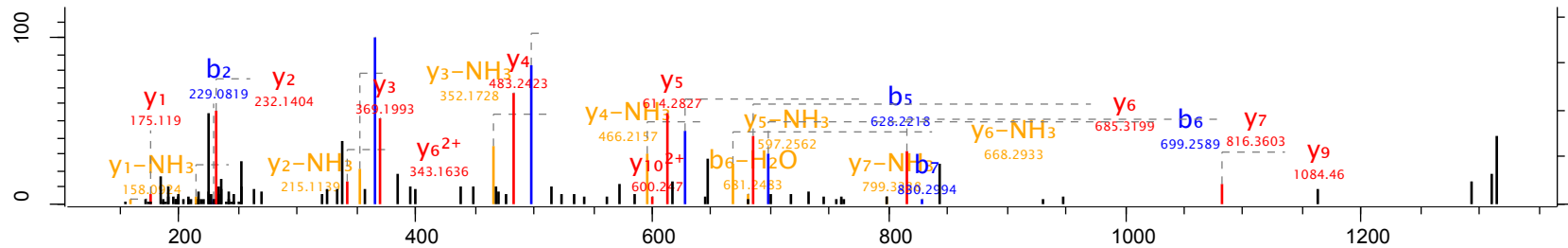
108.47

m/z

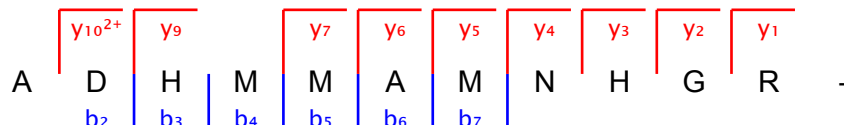
438.18

Gene names

CITED2



ac



Raw file

20140925_fract9_dyn_5ul_C1_01_444

Scan

17719

Method

TOF; CID

Score

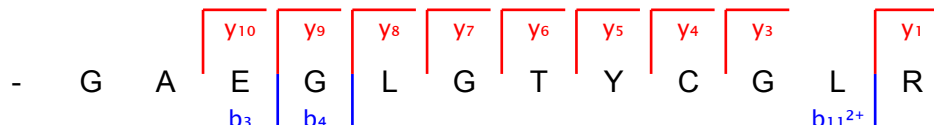
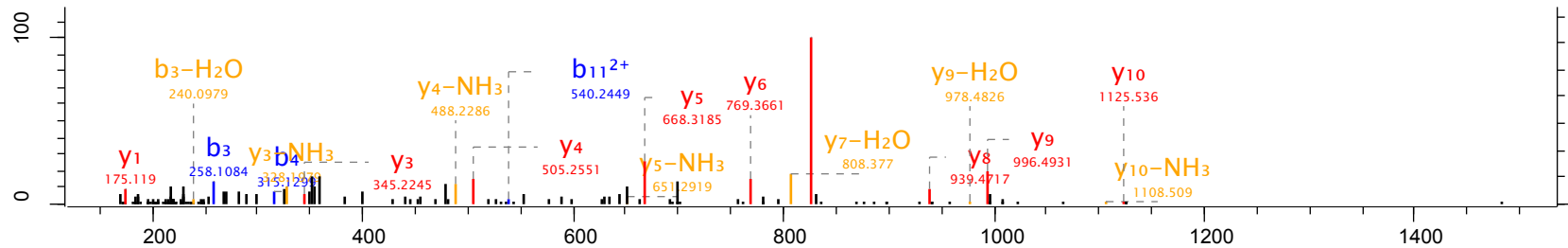
72.29

m/z

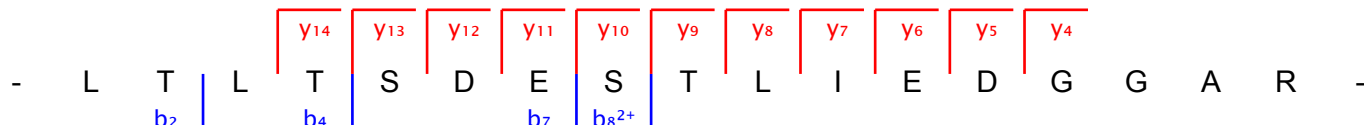
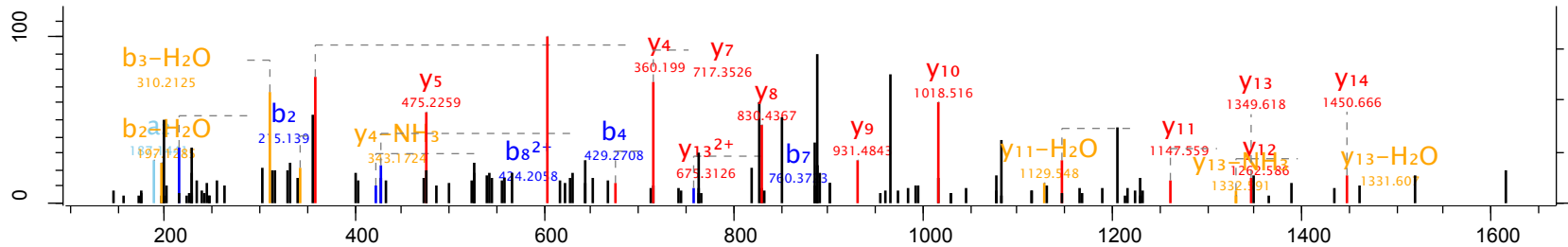
627.3

Gene names

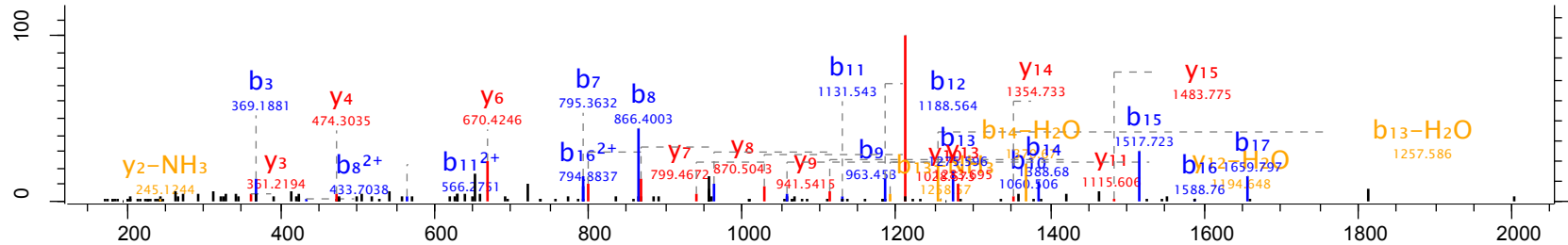
TTC31



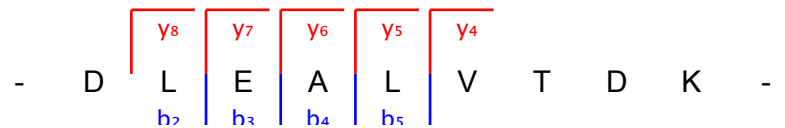
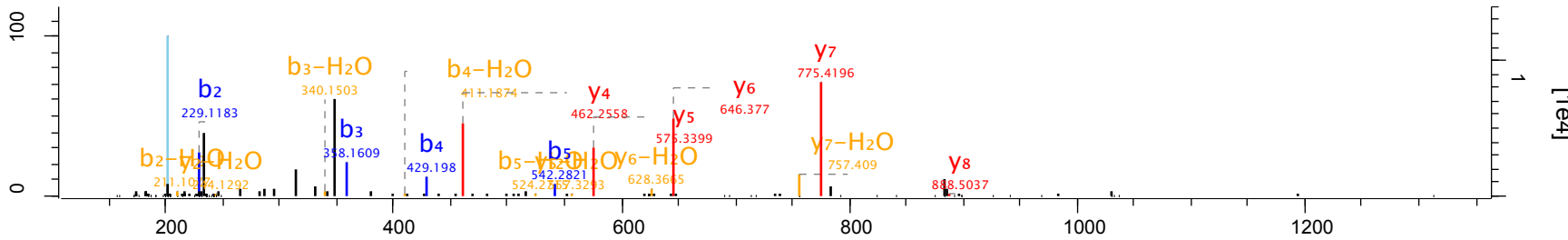
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	24095	TOF; CID	81.35	889.45	SERINC1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	24322	TOF; CID	82.51	958.16	OTUD1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	25436	TOF; CID	102.07	502.27	PGM5



Raw file

20140925_fract9_dyn_5ul_C1_01_444

Scan

25470

Method

TOF; CID

Score

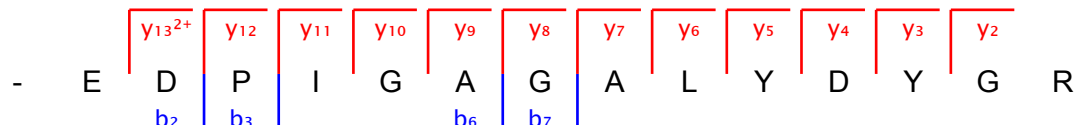
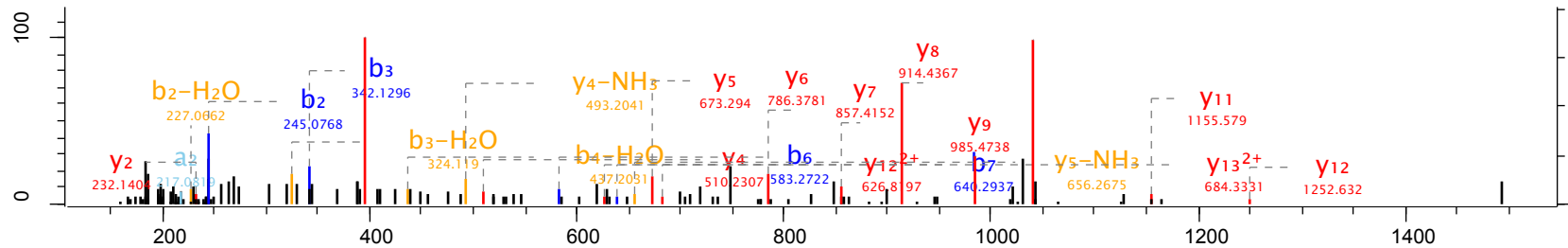
65.37

m/z

749.36

Gene names

MT-ND6



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract9_dyn_5ul_C1_01_444

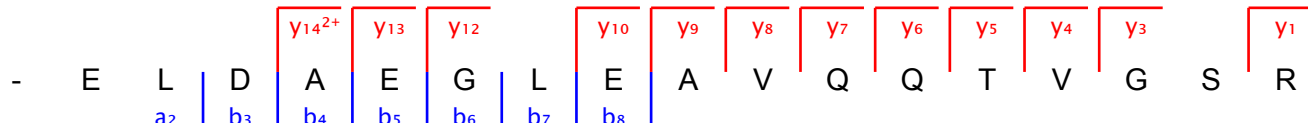
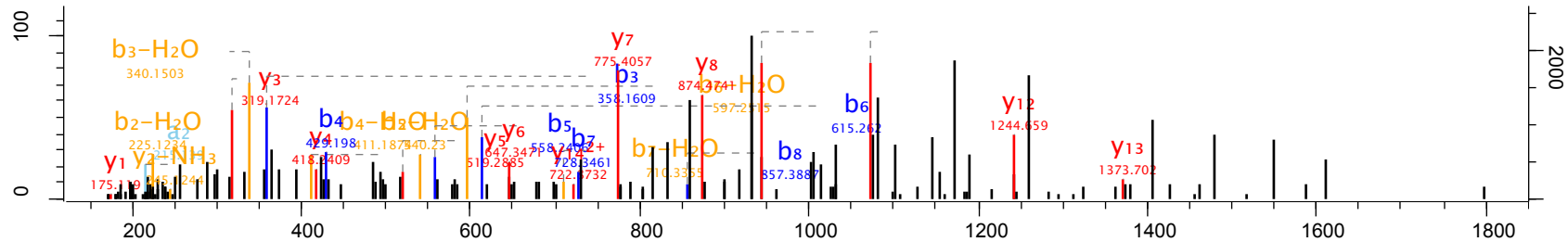
27368

TOF; CID

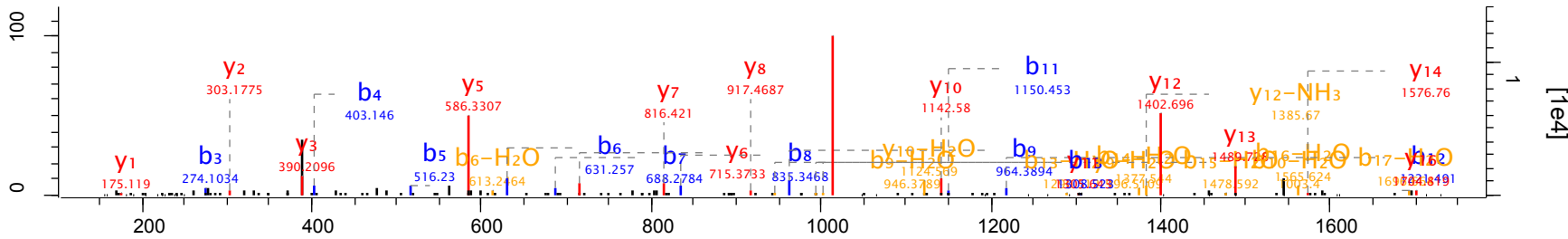
86.37

901.45

C21orf2



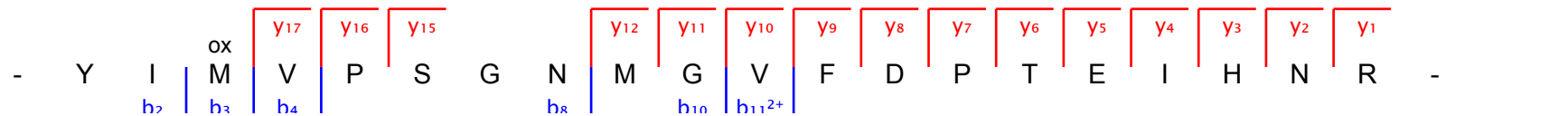
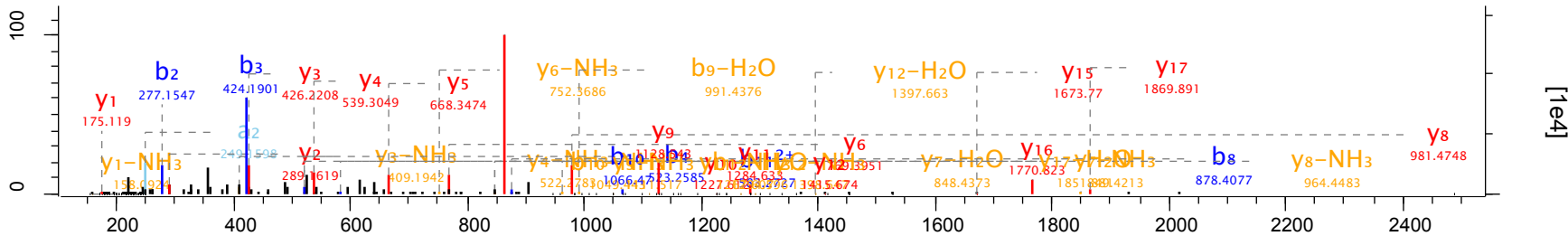
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	29165	TOF; CID	87.36	1207.54	CMTM4



- S G E E L D G F E G E A S S T S M I S G A

b₃
b₄
b₅
b₆
b₇
b₈
b₉
b₁₁
b₁₂
b₁₃

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	30623	TOF; CID	102.59	765.36	CNIH4



Raw file

20140925_fract9_dyn_5ul_C1_01_444

Scan

30647

Method

TOF; CID

Score

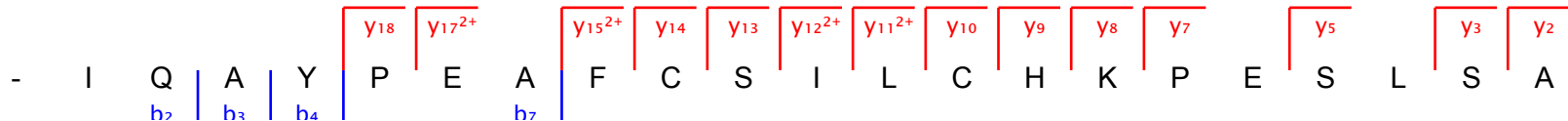
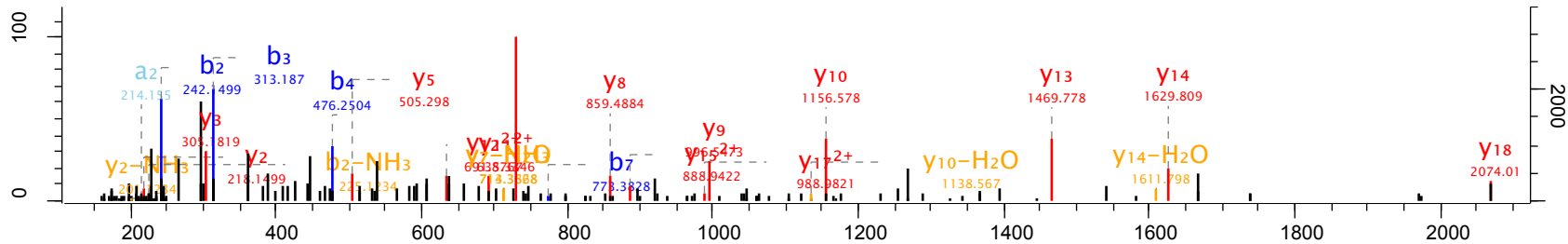
57.48

m/z

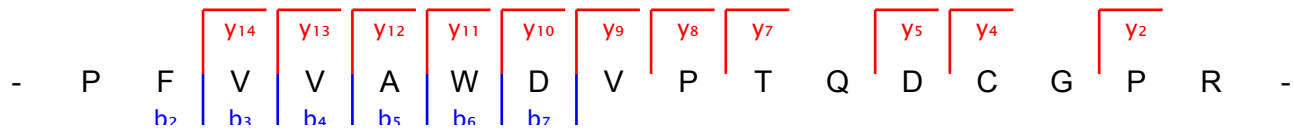
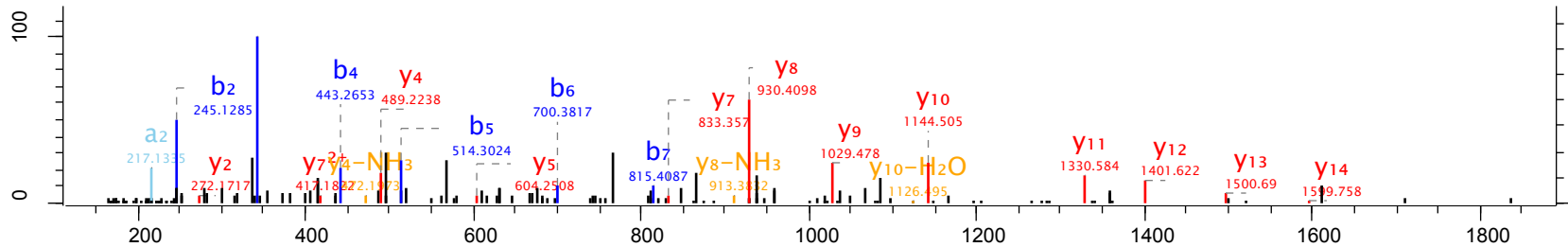
638.32

Gene names

G2E3



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	33274	TOF; CID	77.75	922.45	HYAL2



Raw file

20140925_fract9_dyn_5ul_C1_01_444

Scan

36826

Method

TOF; CID

Score

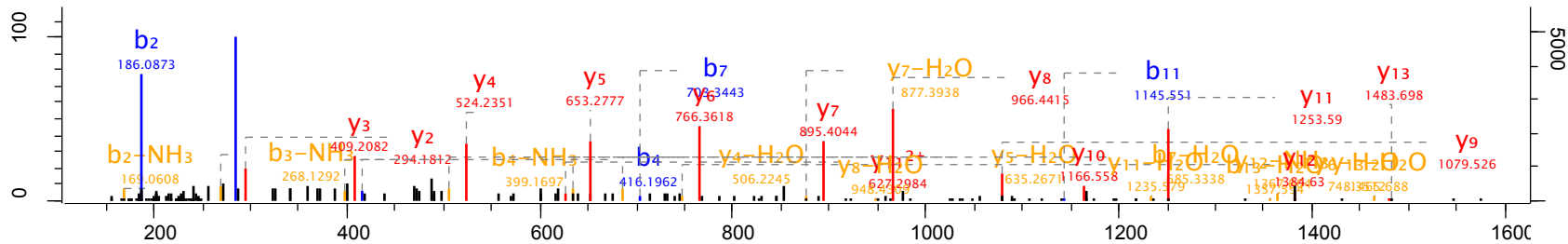
128.06

m/z

835.4

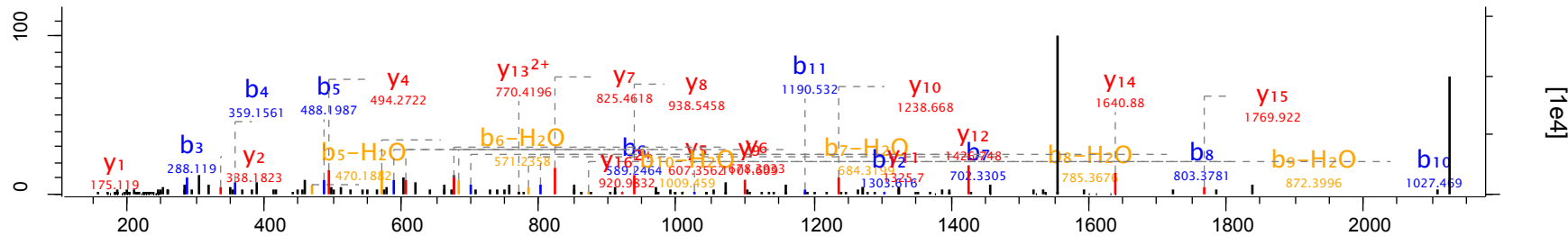
Gene names

IL32



- G Q V M S S L A E L E D D F K -
 b₂ b₃ b₄ b₇ b₁₁
 y₁₃ y₁₂ y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₅ y₄ y₃ y₂

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	37645	TOF; CID	104.88	1065.55	KDELRL1

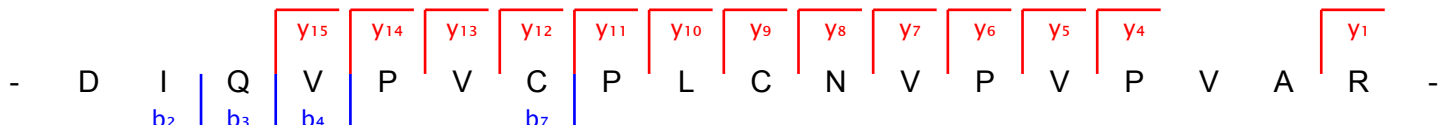
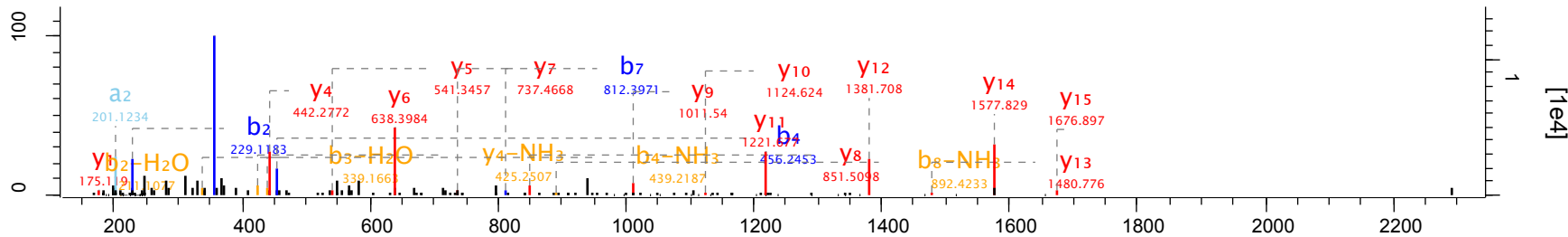


- T G E A E T I T S H Y L F A L G V Y R -

Fragmentation mapping (b and y ions) is shown below the sequence:

- Red brackets above the sequence indicate y-ion fragments: y16²⁺, y15, y14, y13²⁺, y12, y11, y10, y9, y8, y7, y6, y5, y4, y2, y1.
- Blue brackets below the sequence indicate b-ion fragments: b3, b4, b5, b6, b7, b8, b10, b11, b12.

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	37770	TOF; CID	79.84	1017.54	ZFAND2B



Raw file

20140925_fract9_dyn_5ul_C1_01_444

Scan

37924

Method

TOF; CID

Score

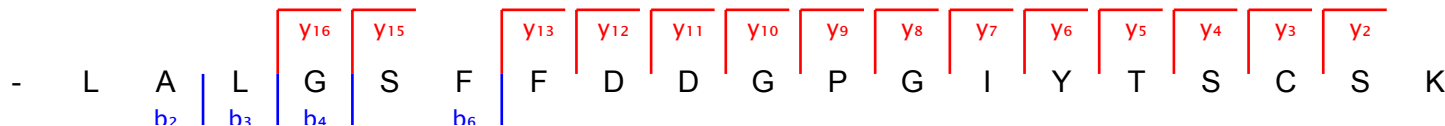
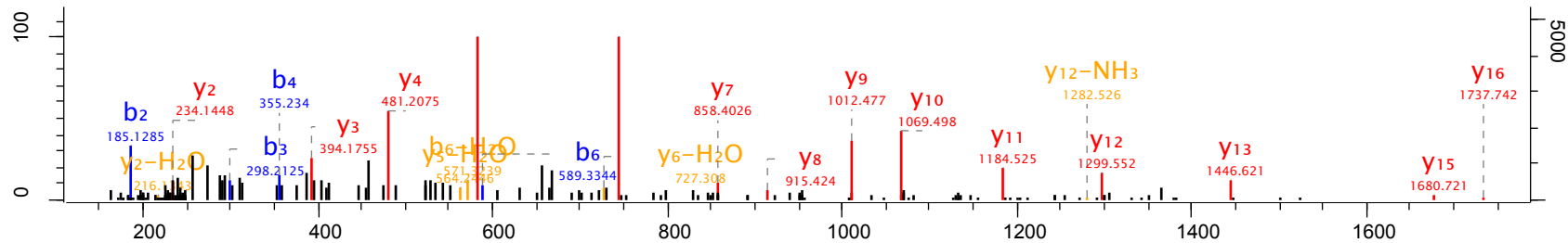
61.94

m/z

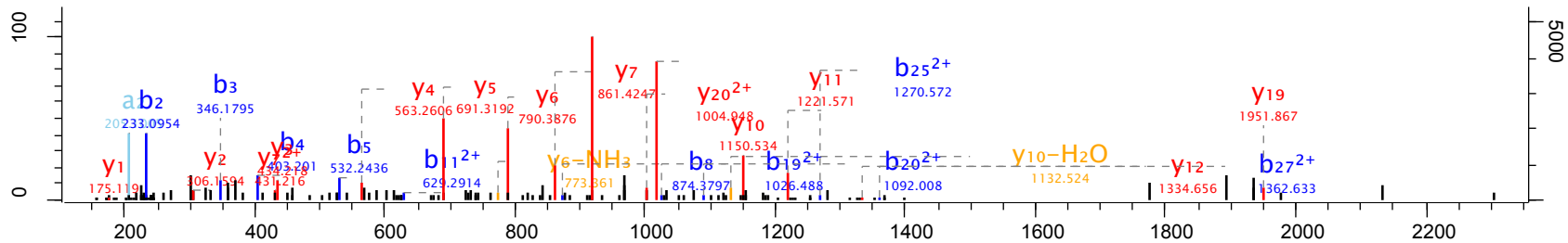
1018.48

Gene names

SCHIP1;IQGJ-SCHIP1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	38245	TOF; CID	49.83	969.45	CDC42SE1

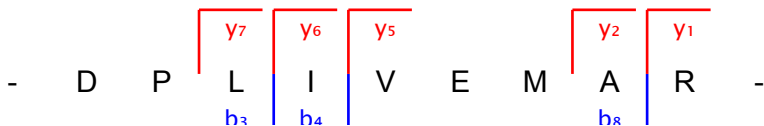
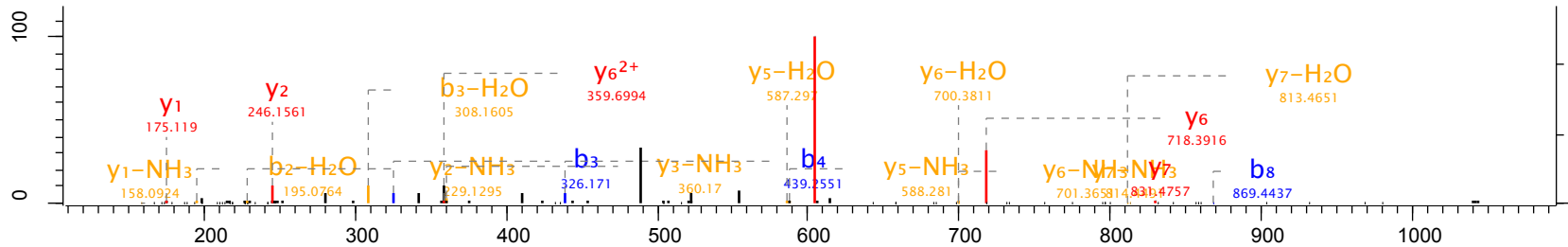


- T M I G E P M N F V H L T H I G S G E M G

b_2 | b_3 | b_4 | b_5 | b_8 | b_{11}^{2+} | b_{19}^{2+} | b_{20}^{2+}

y_{20}^{2+} | y_{19}

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract9_dyn_5ul_C1_01_444	40227	TOF; CID	86.21	522.28	PXDNL



[1e4]

Raw file

20140925_fract10_dyn_5ul_C2_01_445

Scan

5310

Method

TOF; CID

Score

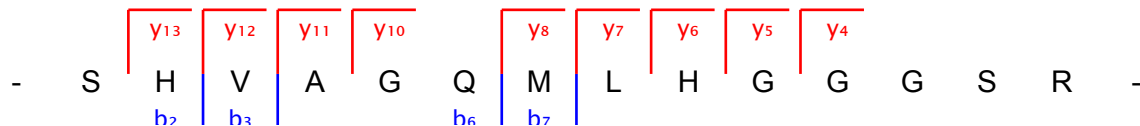
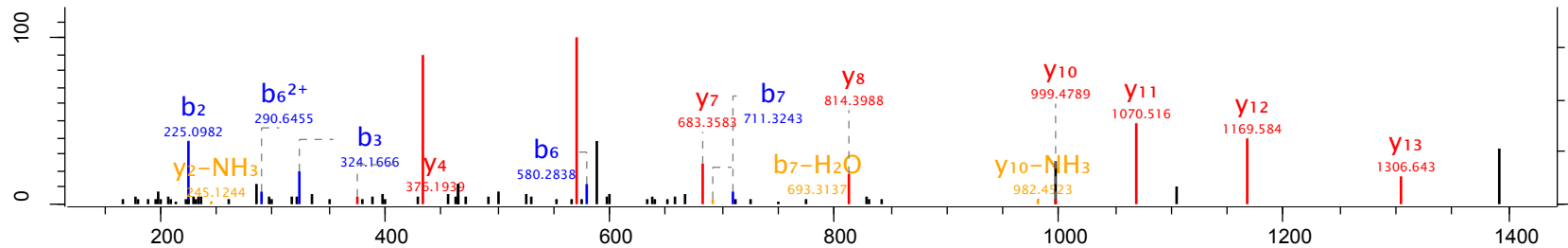
65.37

m/z

465.23

Gene names

CRAT



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract10_dyn_5ul_C2_01_445

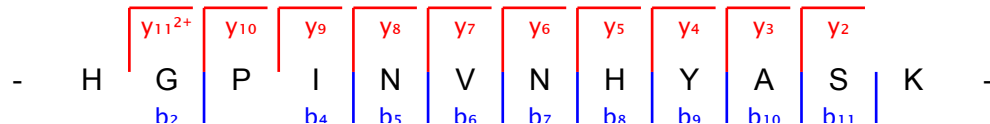
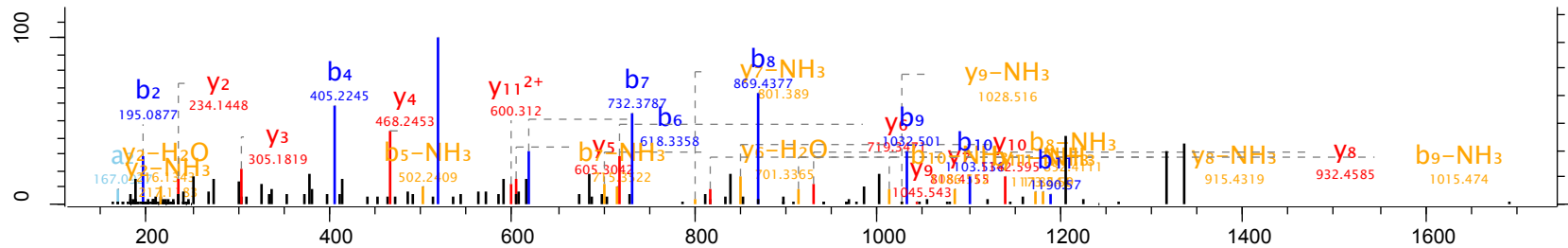
6793

TOF; CID

196.27

446.23

NINJ1



Raw file

20140925_fract10_dyn_5ul_C2_01_445

Scan

7750

Method

TOF; CID

Score

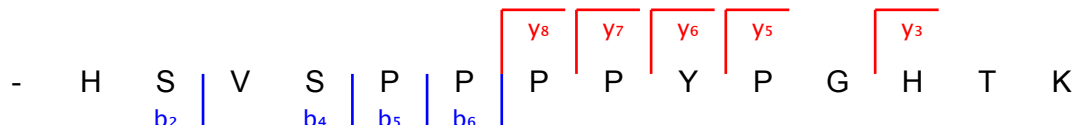
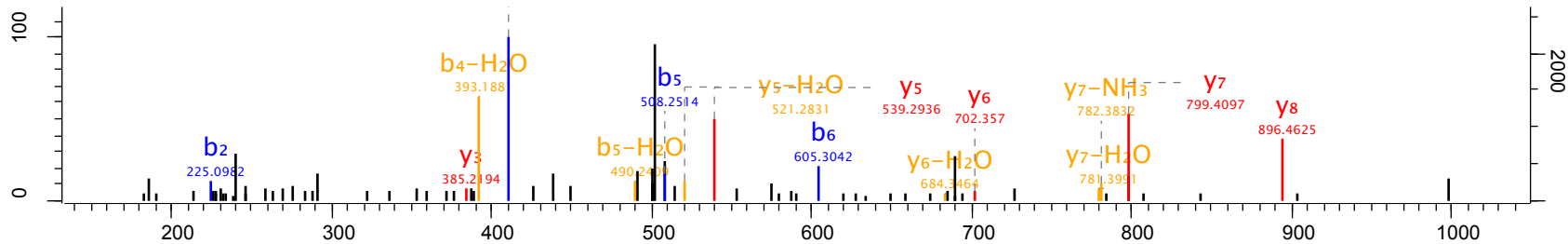
47.77

m/z

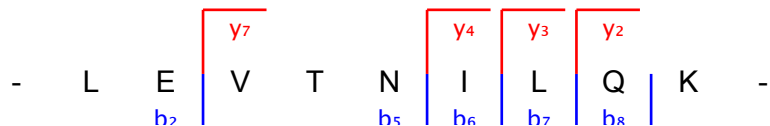
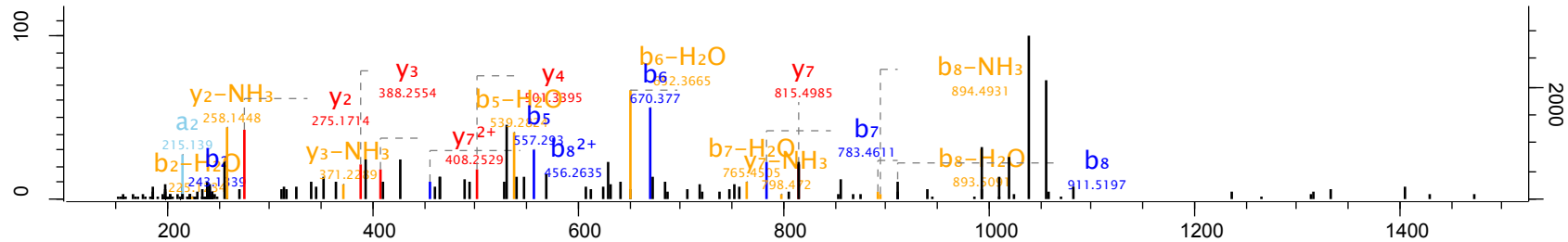
501.26

Gene names

PRRG4



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract10_dyn_5ul_C2_01_445	12153	TOF; CID	93.6	529.32	RPGRIP1



Raw file

20140925_fract10_dyn_5ul_C2_01_445

Scan

14434

Method

TOF; CID

Score

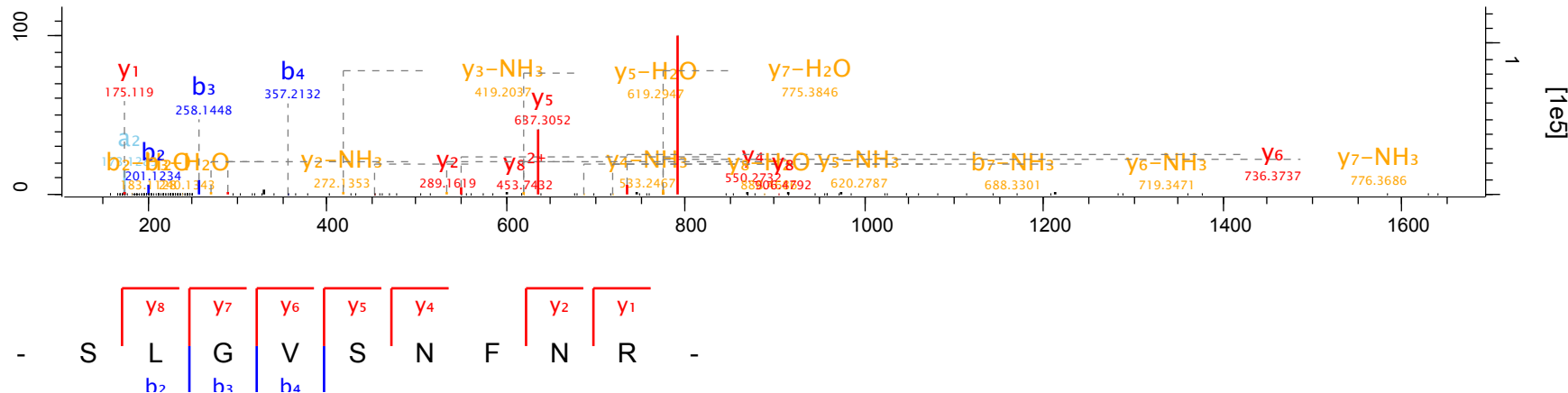
125.16

m/z

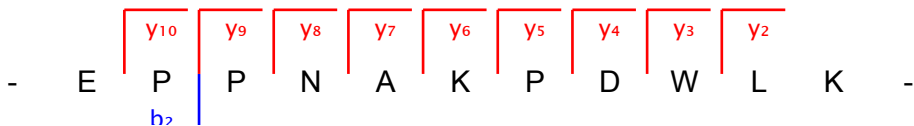
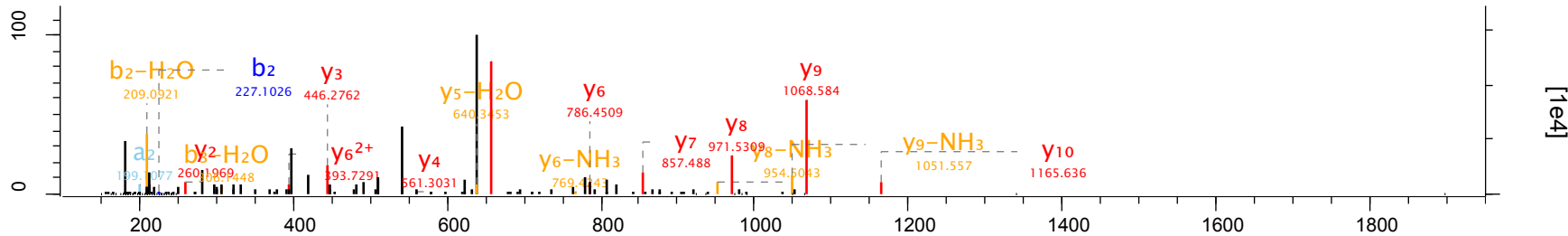
497.26

Gene names

AKR1D1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract10_dyn_5ul_C2_01_445	16455	TOF; CID	75.82	432.56	NDUFC1



Raw file

20140925_fract10_dyn_5ul_C2_01_445

Scan

17301

Method

TOF; CID

Score

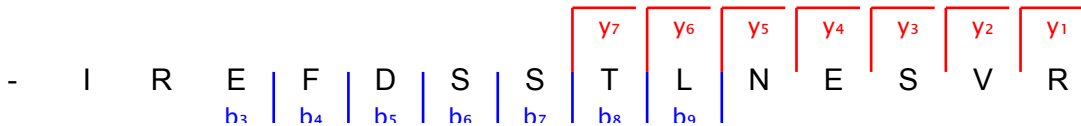
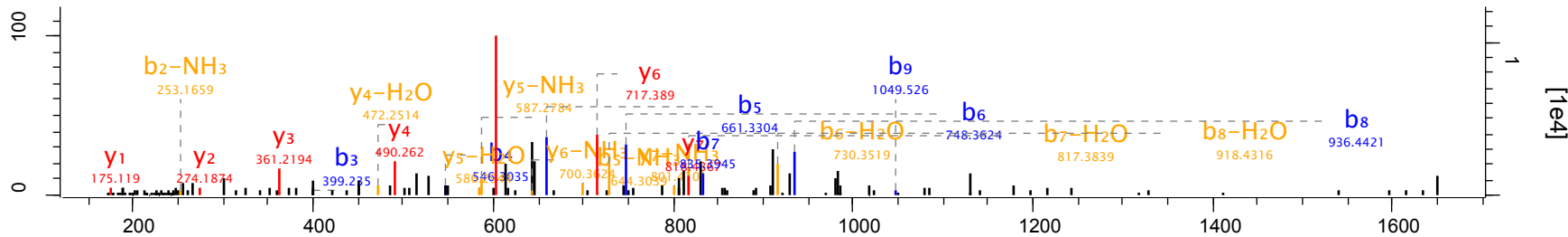
79.34

m/z

551.61

Gene names

YIPF6



Raw file

20140925_fract10_dyn_5ul_C2_01_445

Scan

19493

Method

TOF; CID

Score

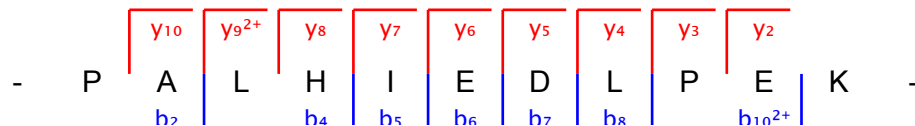
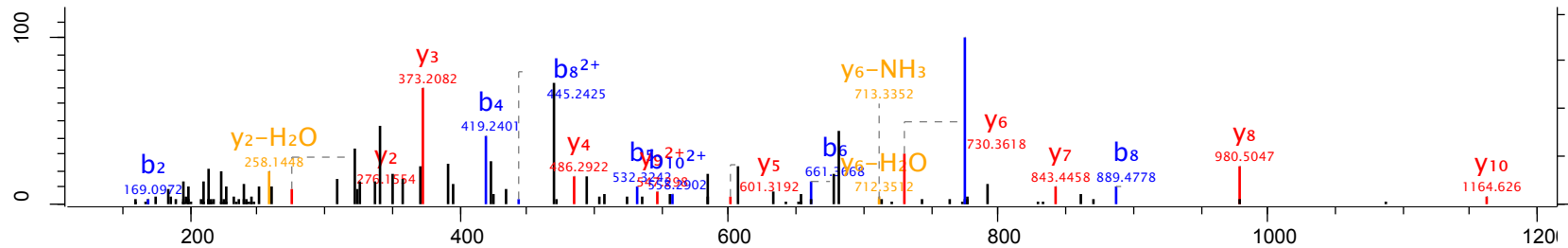
73.44

m/z

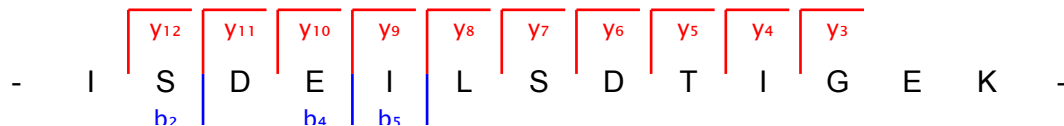
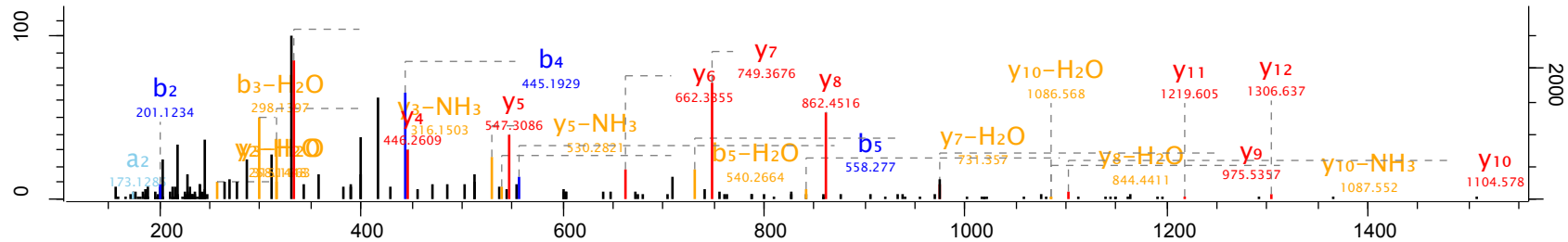
421.23

Gene names

GNG11



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract10_dyn_5ul_C2_01_445	25602	TOF; CID	95.26	710.37	TMEM184C



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract10_dyn_5ul_C2_01_445

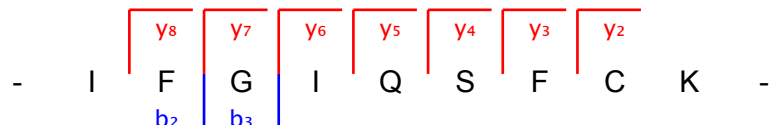
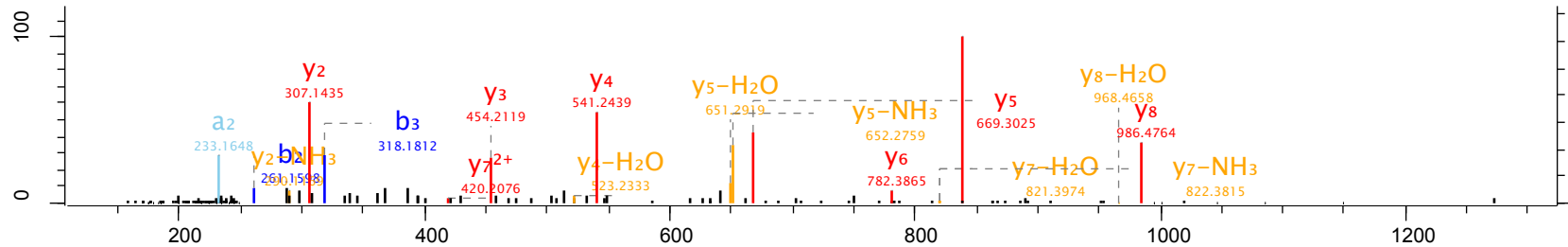
28508

TOF; CID

84.61

550.28

GRPEL2



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract10_dyn_5ul_C2_01_445

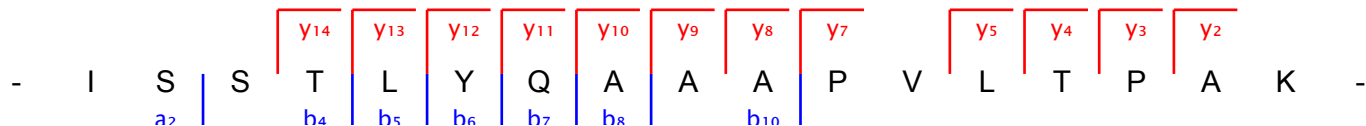
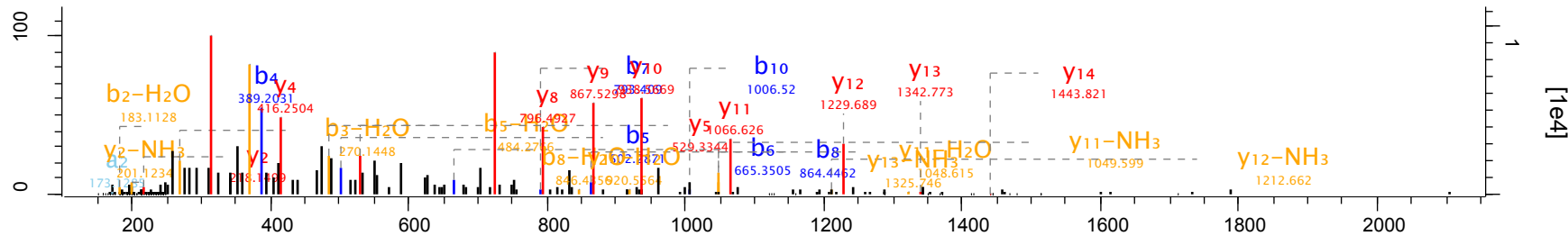
29586

TOF; CID

98.06

865.99

KRTCAP2



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract10_dyn_5ul_C2_01_445

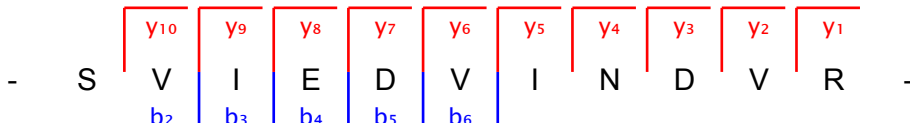
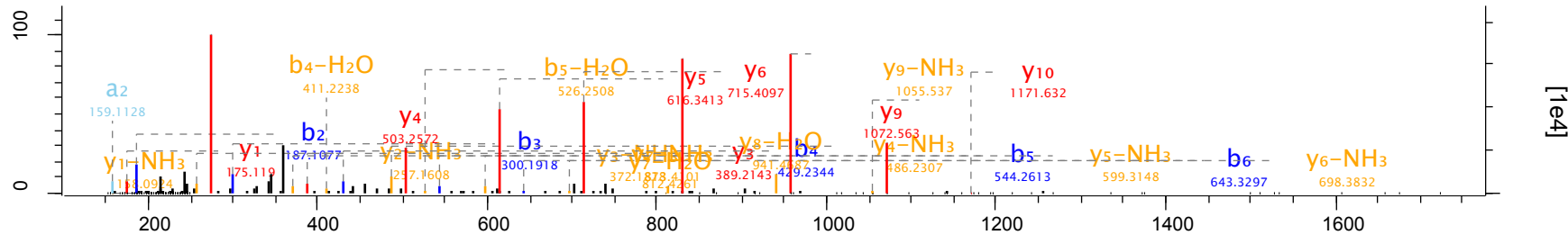
33269

TOF; CID

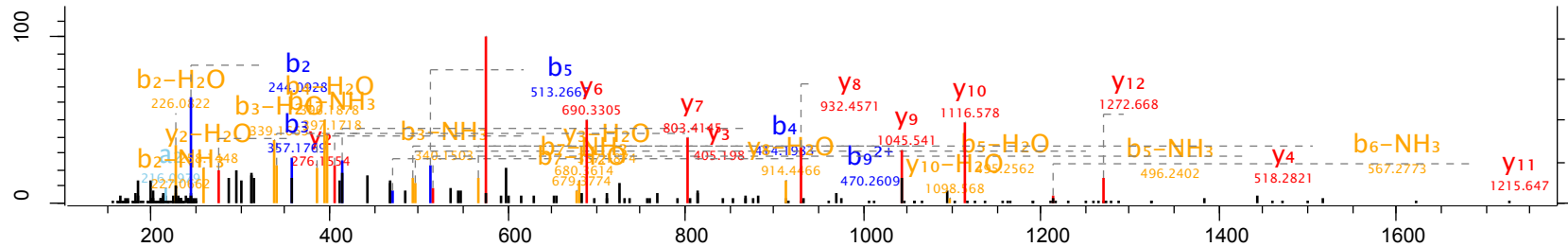
147.62

629.83

GTF2A1;HIST1H4F



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract10_dyn_5ul_C2_01_445	33457	TOF; CID	128.06	814.92	CCDC167



- E N L G V A L E I D G L E E K -

b₂ | b₃ | b₄ | b₅ | b₉²⁺

y₁₂ | y₁₁ | y₁₀ | y₉ | y₈ | y₇ | y₆ | y₅ | y₄ | y₃ | y₂

Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract10_dyn_5ul_C2_01_445

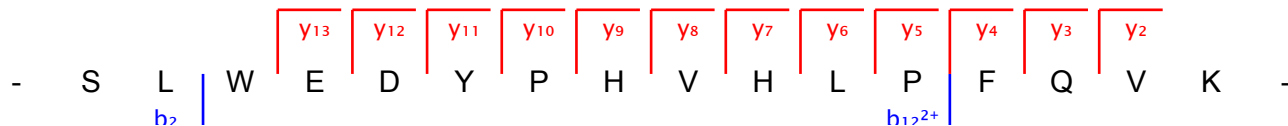
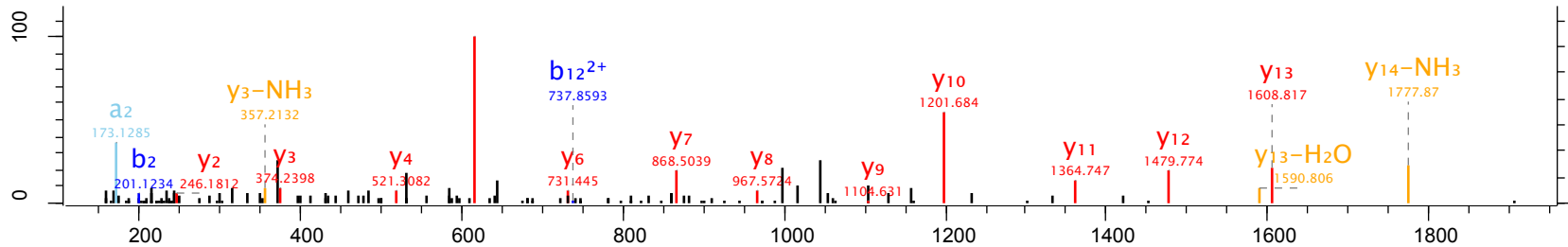
36125

TOF; CID

58.08

499.76

TRAM2



Raw file

20140925_fract10_dyn_5ul_C2_01_445

Scan

40949

Method

TOF; CID

Score

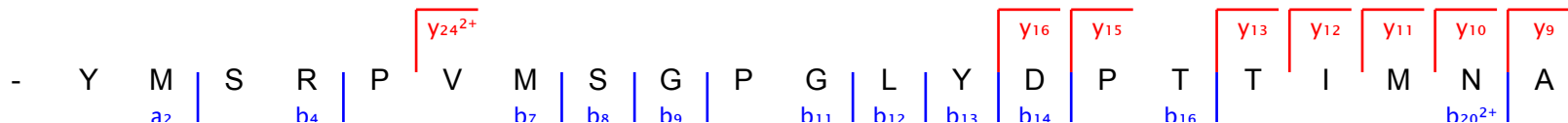
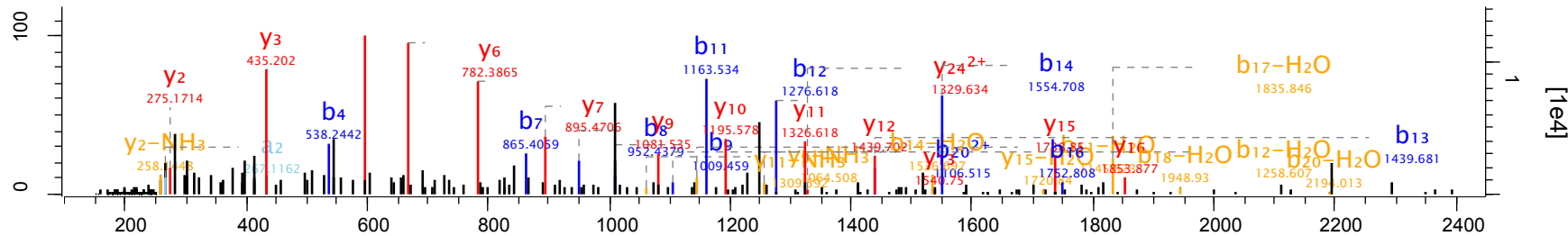
106.28

m/z

1099.53

Gene names

CNIH1



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

6238

Method

TOF; CID

Score

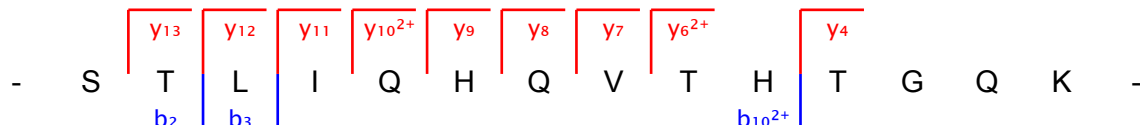
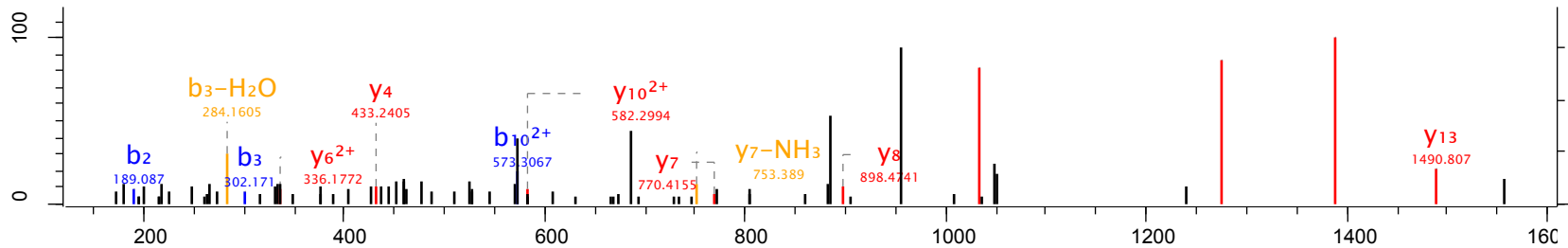
44.97

m/z

526.62

Gene names

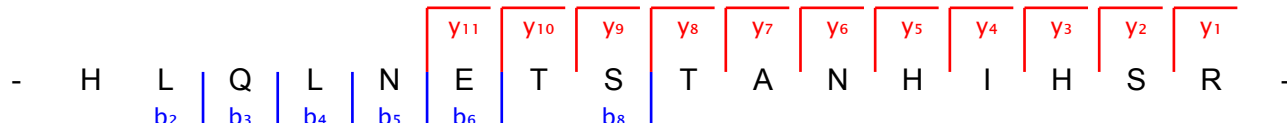
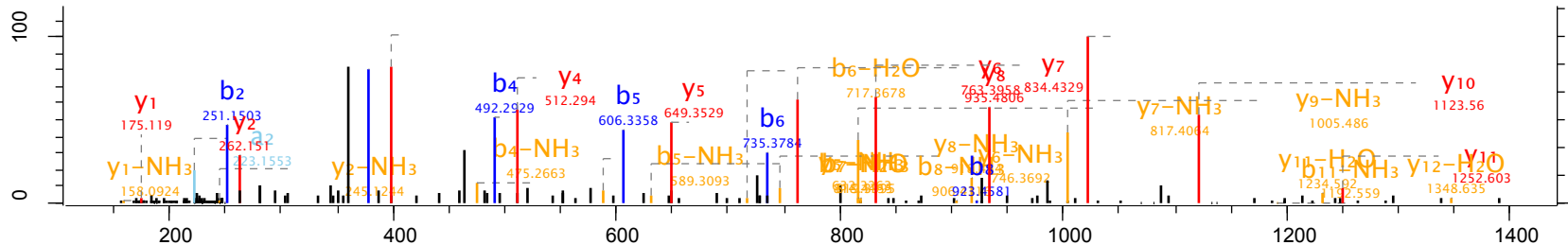
ZNF251



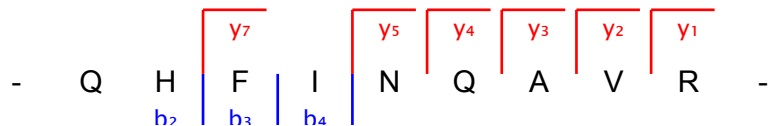
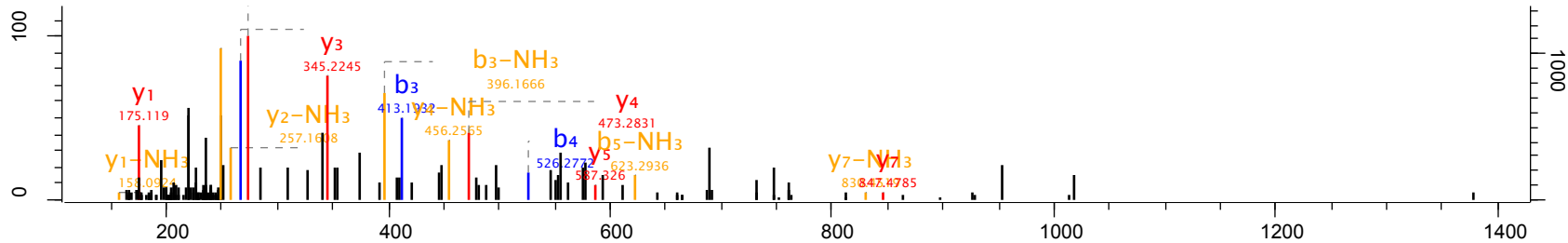
Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan	Method	Score	m/z	Gene names
8495	TOF; CID	125.5	465.49	TMEM41A



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract11_dyn_5ul_C3_01_446	9106	TOF; CID	69.81	371.53	R3HDM4



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

12344

Method

TOF; CID

Score

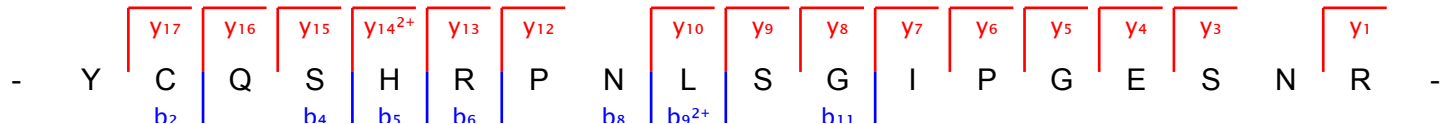
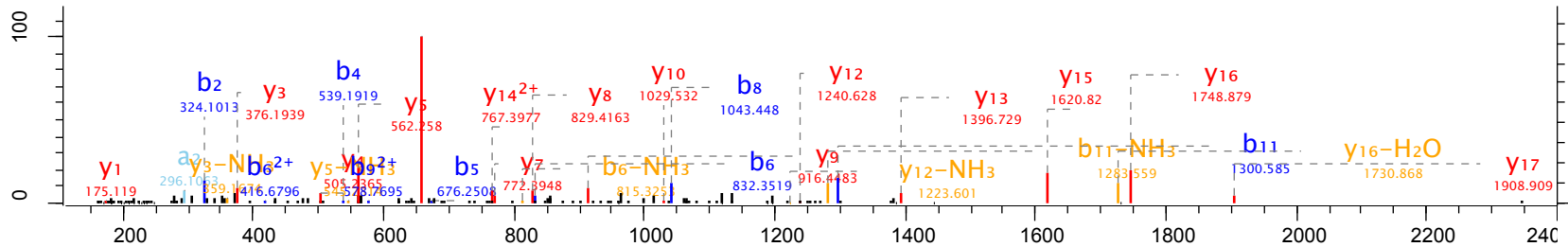
98.18

m/z

691.66

Gene names

FAM156A



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

15350

Method

TOF; CID

Score

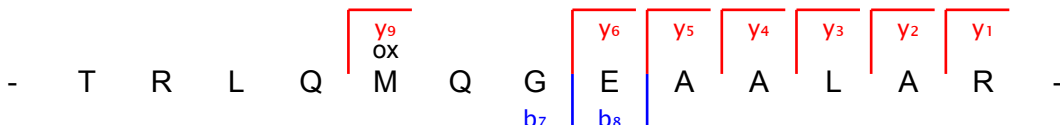
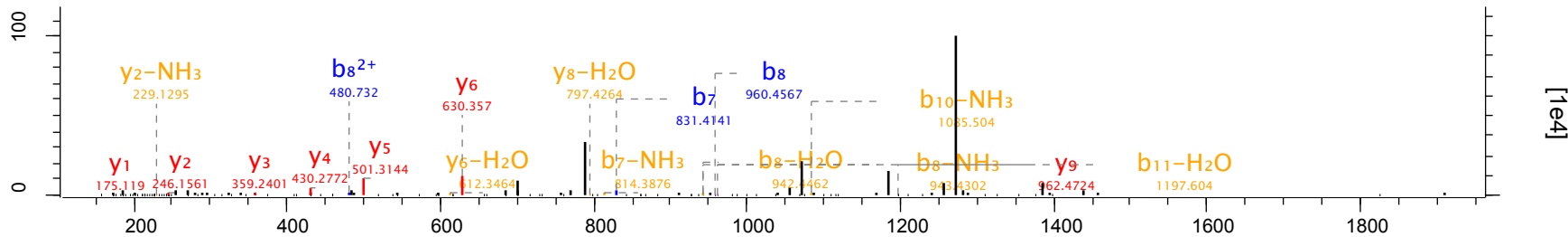
53.45

m/z

487.59

Gene names

SLC25A27



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract11_dyn_5ul_C3_01_446

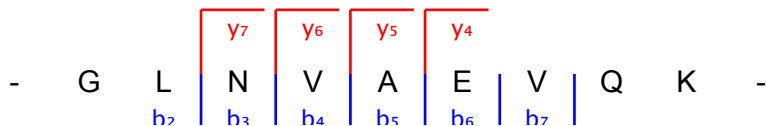
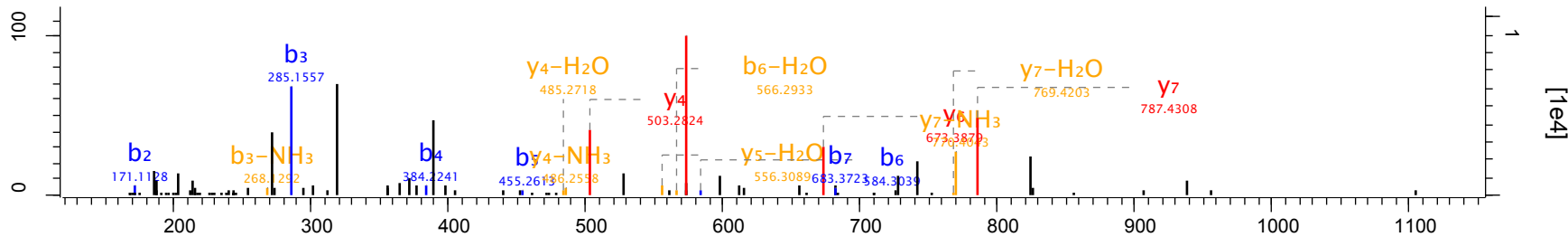
15726

TOF; CID

81.53

479.27

SLIT1



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract11_dyn_5ul_C3_01_446

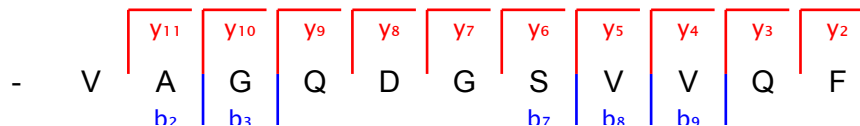
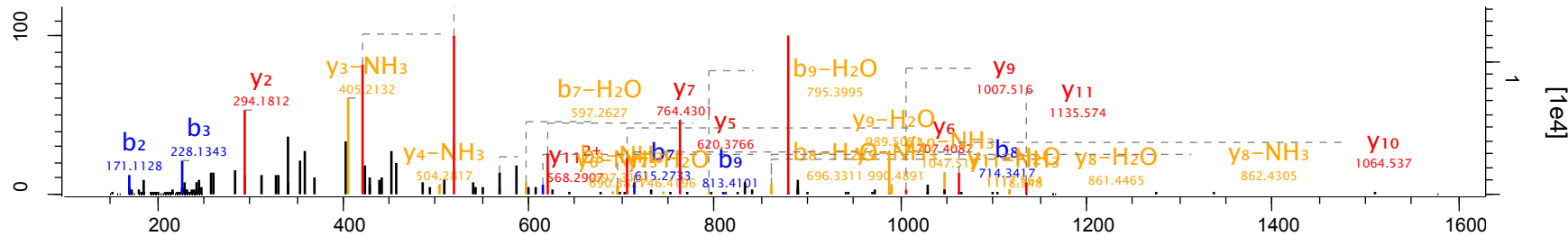
16053

TOF; CID

168.85

617.83

SUMO2;SUMO3;SUMO4



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

19613

Method

TOF; CID

Score

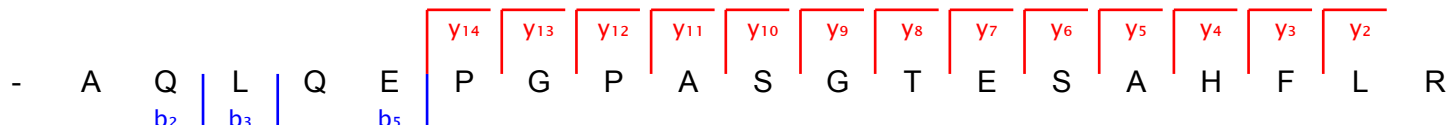
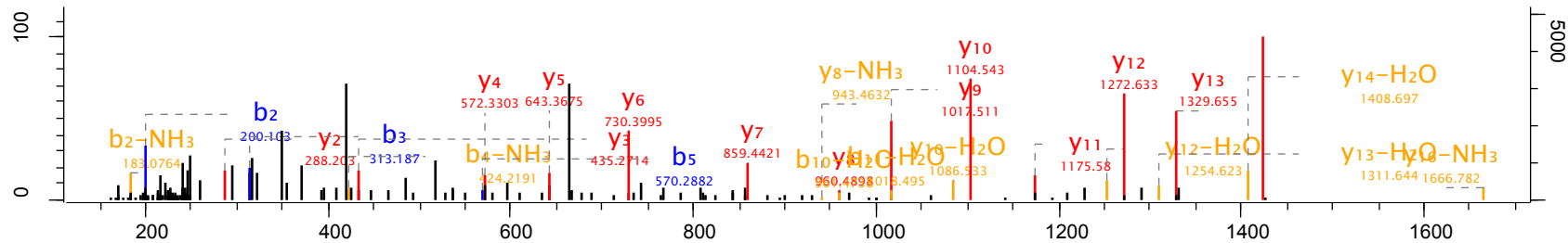
79.68

m/z

666.34

Gene names

ENKD1



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

23347

Method

TOF; CID

Score

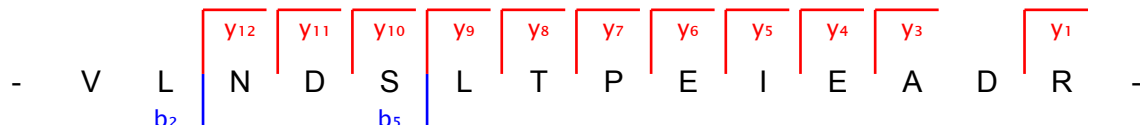
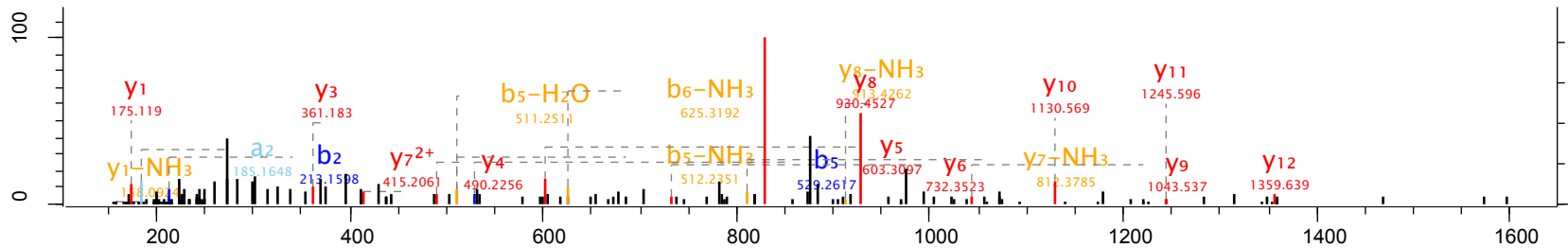
58.08

m/z

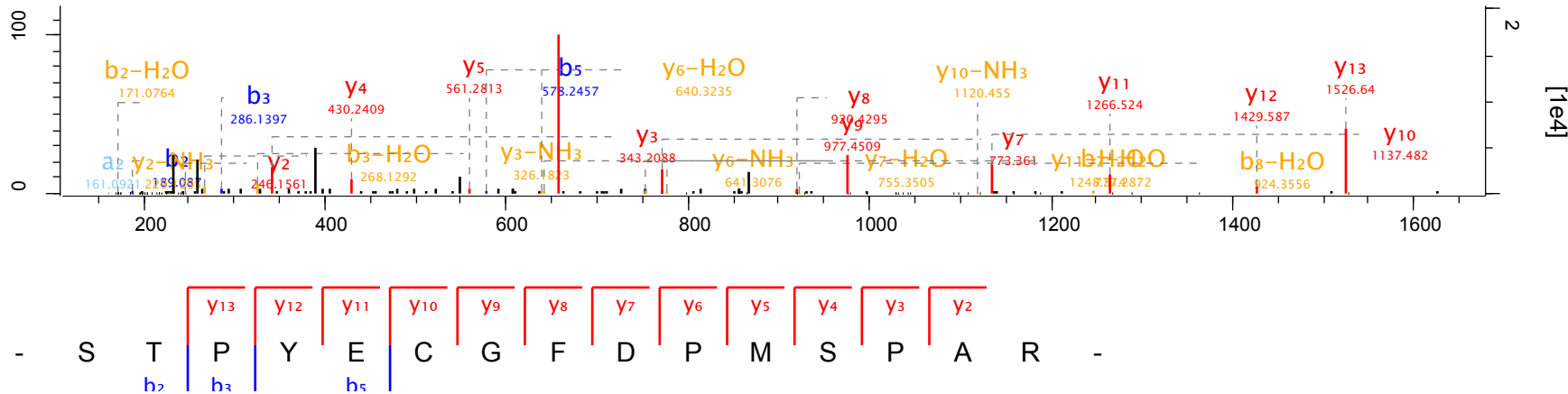
786.4

Gene names

DACH1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract11_dyn_5ul_C3_01_446	23959	TOF; CID	57.15	857.86	MT-ND3



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract11_dyn_5ul_C3_01_446

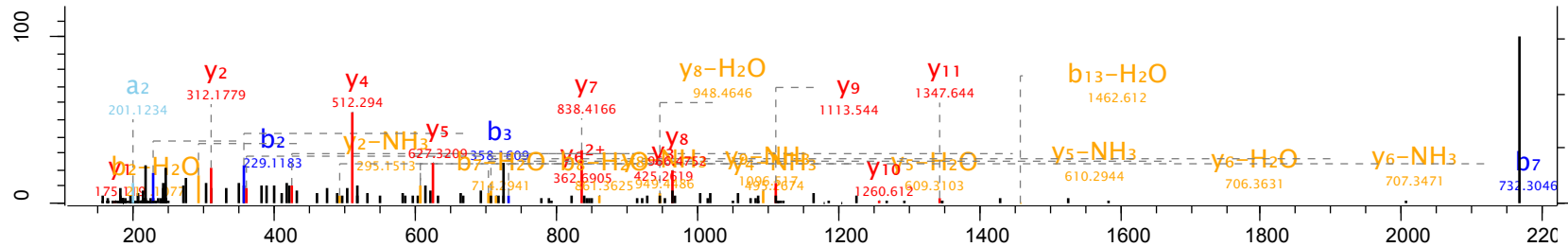
25013

TOF; CID

75.38

664.98

DCUN1D2

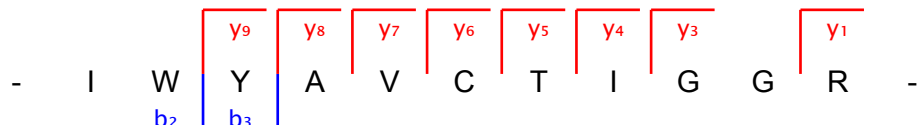
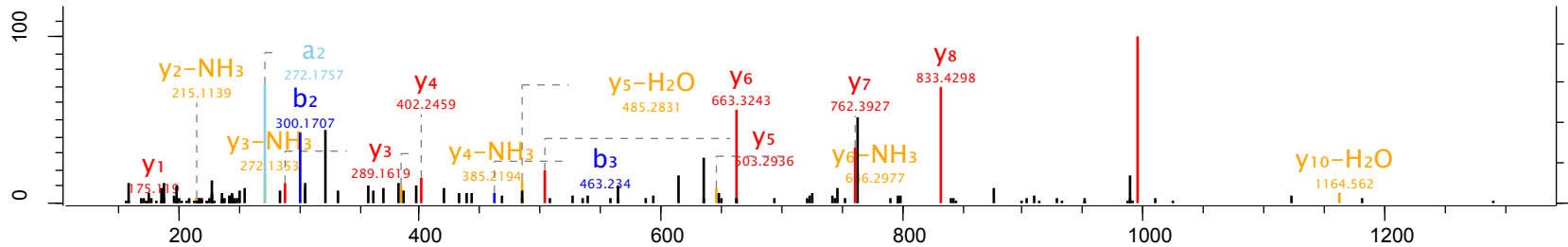


- L D E A T D S F F Q N P D S L H R -

b₂ | b₃ | b₇

y₁₁ | y₁₀ | y₉ | y₈ | y₇ | y₆²⁺ | y₅ | y₄ | y₃ | y₂ | y₁

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract11_dyn_5ul_C3_01_446	27615	TOF; CID	70.94	648.33	PEX2



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

28160

Method

TOF; CID

Score

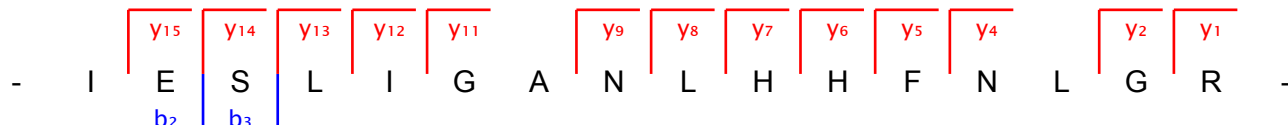
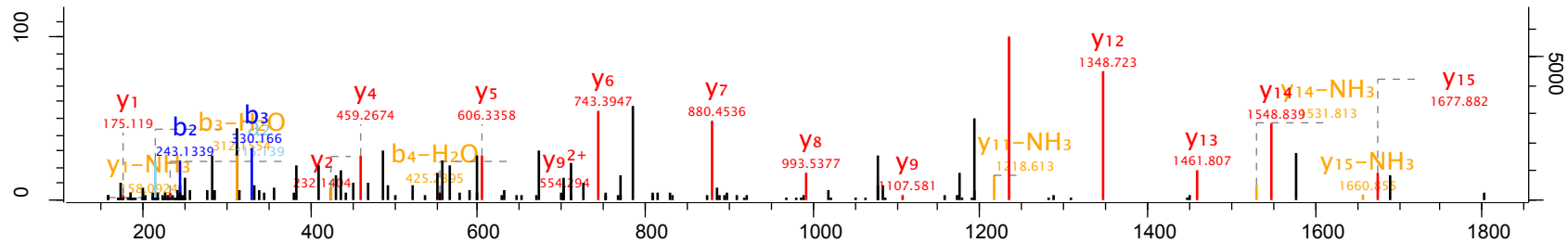
90.71

m/z

597.99

Gene names

DGCR2



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract11_dyn_5ul_C3_01_446

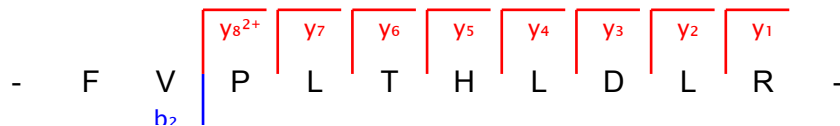
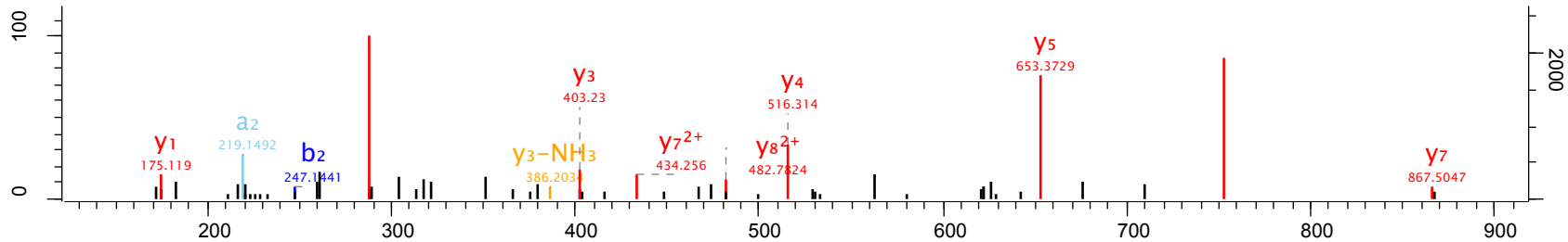
28225

TOF; CID

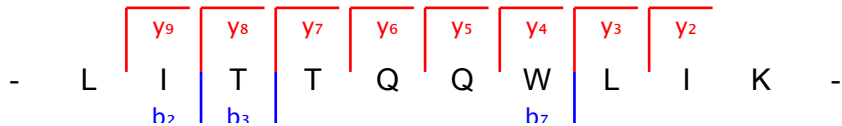
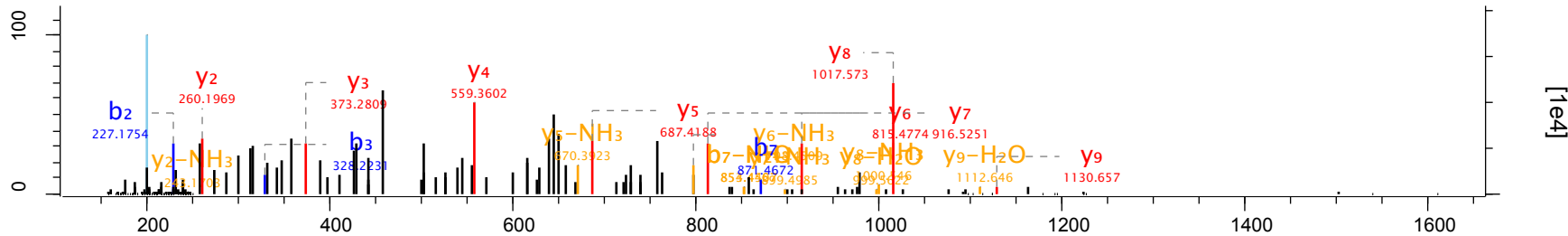
57.53

404.23

SLITRK5;SLITRK6



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract11_dyn_5ul_C3_01_446	29914	TOF; CID	114.97	623.38	MT-ATP6



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

31134

Method

TOF; CID

Score

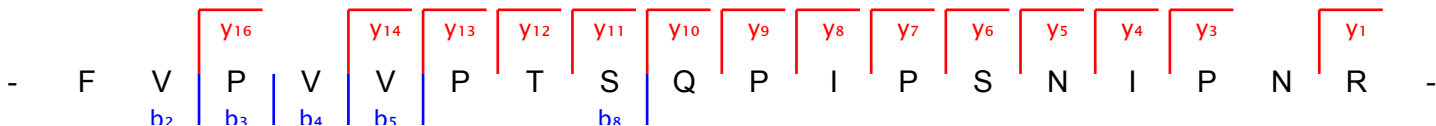
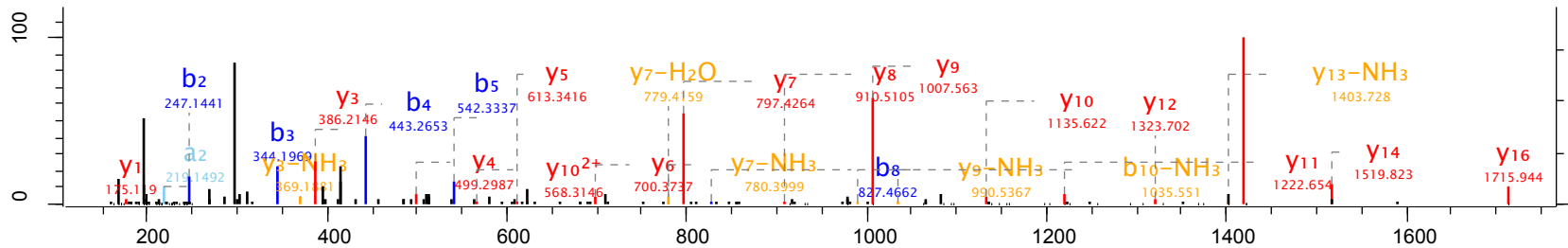
101.05

m/z

982.05

Gene names

RNF166



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

32157

Method

TOF; CID

Score

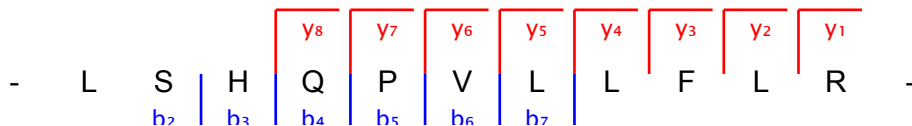
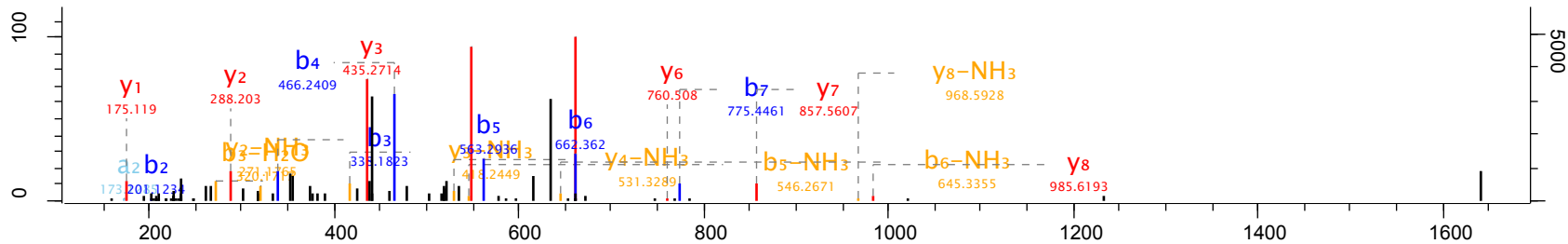
101.39

m/z

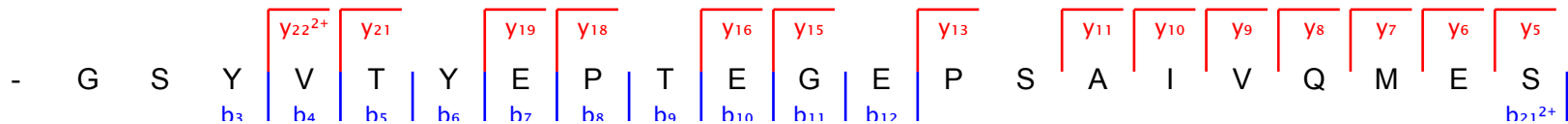
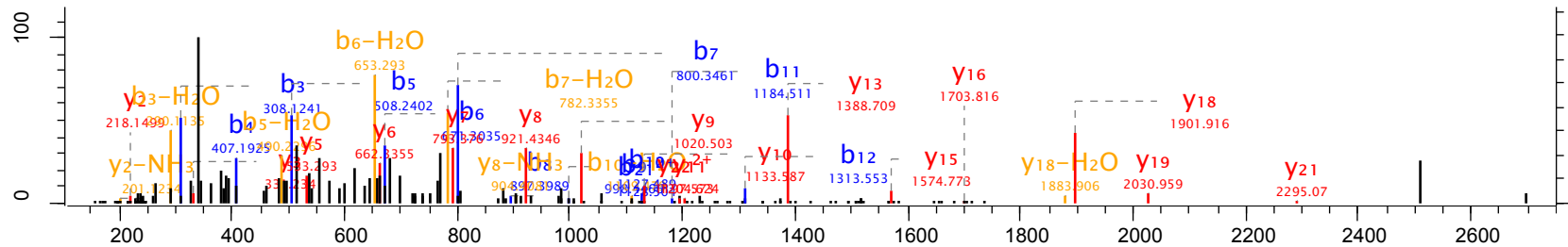
441.6

Gene names

SNX24



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract11_dyn_5ul_C3_01_446	36697	TOF; CID	106.12	1351.64	SMAGP



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

37178

Method

TOF; CID

Score

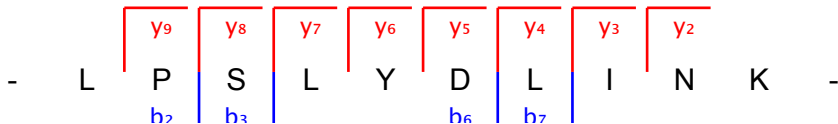
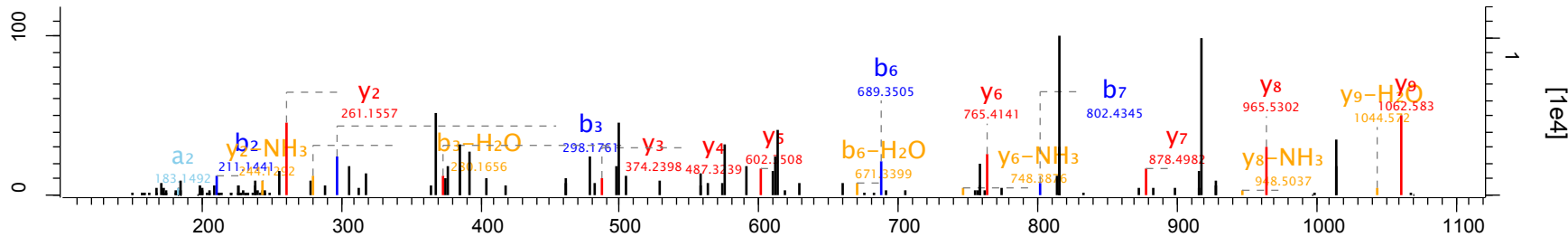
80.92

m/z

588.34

Gene names

SLC35B3



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

37227

Method

TOF; CID

Score

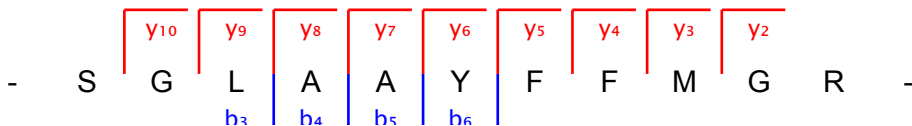
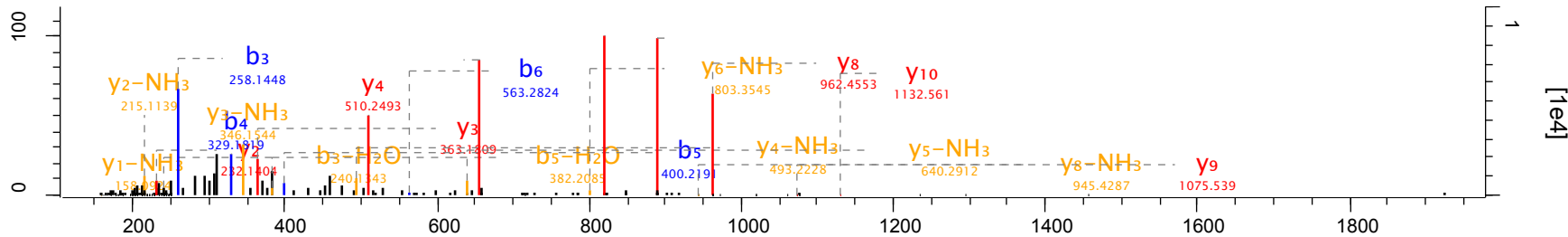
113.93

m/z

610.3

Gene names

CMTM6



Raw file

20140925_fract12_dyn_5ul_C4_01_447

Scan

9556

Method

TOF; CID

Score

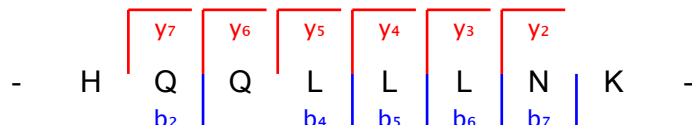
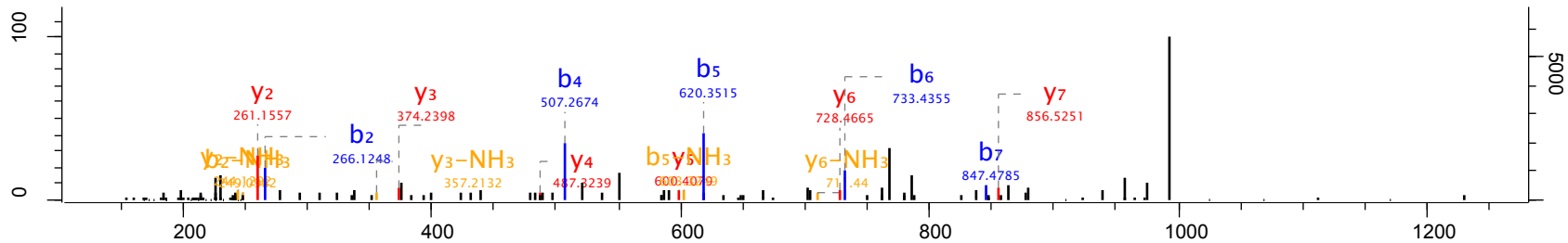
101.6

m/z

497.3

Gene names

RWDD2A



Raw file

20140925_fract12_dyn_5ul_C4_01_447

Scan

10892

Method

TOF; CID

Score

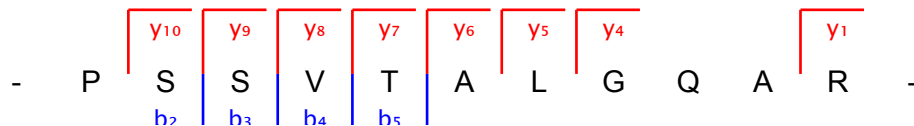
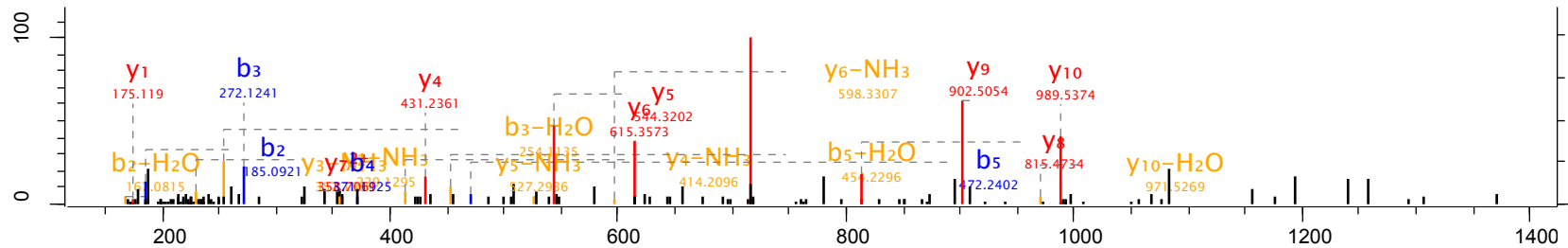
67.38

m/z

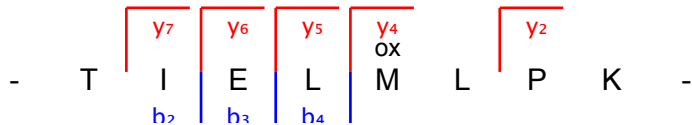
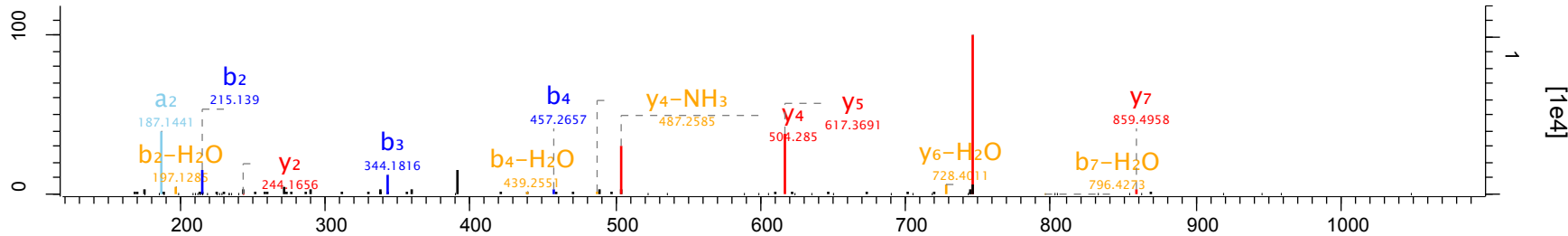
543.8

Gene names

SLC26A11



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract12_dyn_5ul_C4_01_447	17730	TOF; CID	83.21	480.77	FBXW11



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract12_dyn_5ul_C4_01_447

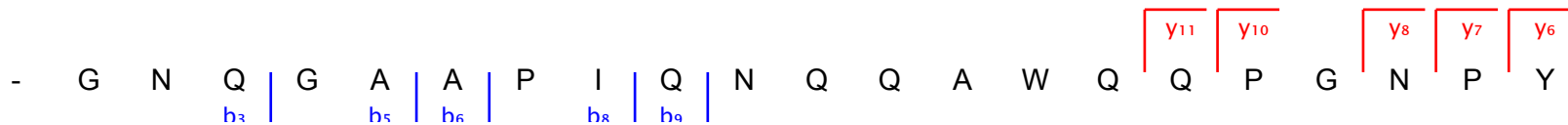
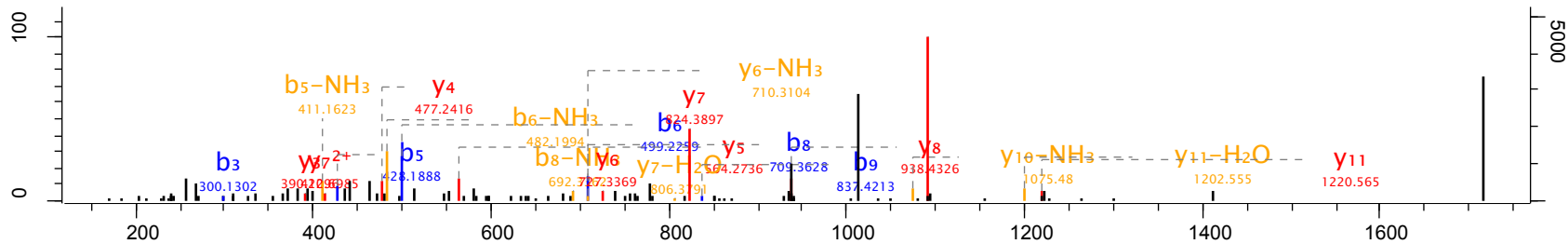
18858

TOF; CID

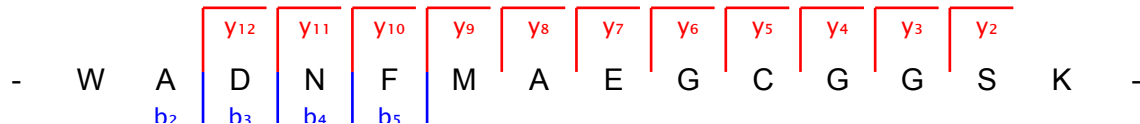
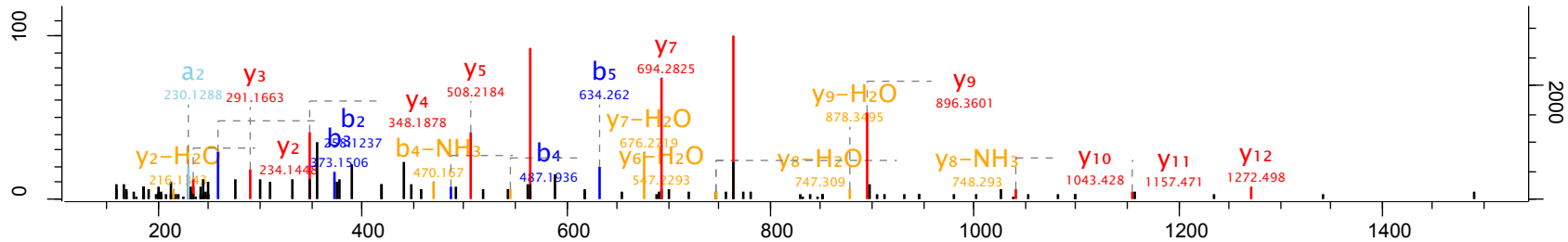
32.88

938.45

CYSRT1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract12_dyn_5ul_C4_01_447	20140	TOF; CID	95.57	765.31	SLC35F6



Raw file

20140925_fract12_dyn_5ul_C4_01_447

Scan

22540

Method

TOF; CID

Score

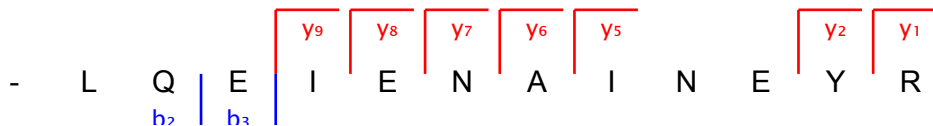
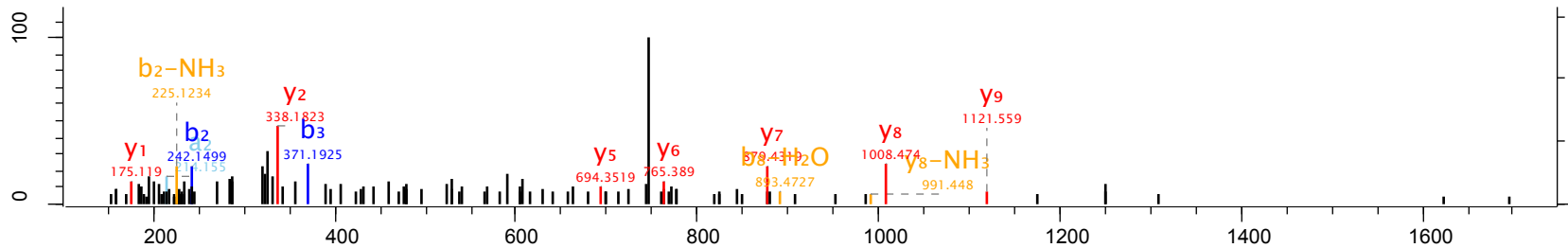
55.26

m/z

746.37

Gene names

FRMD4B



Raw file

20140925_fract12_dyn_5ul_C4_01_447

Scan

24858

Method

TOF; CID

Score

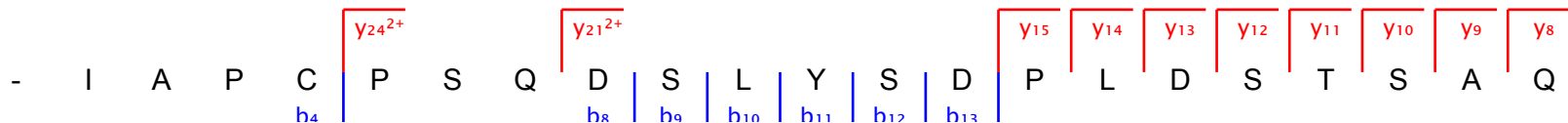
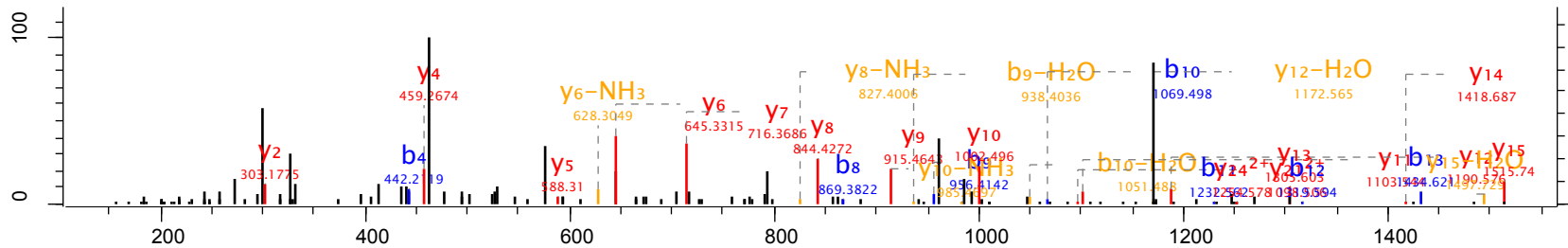
45.56

m/z

984.13

Gene names

DOK1



Raw file

20140925_fract12_dyn_5ul_C4_01_447

Scan

24983

Method

TOF; CID

Score

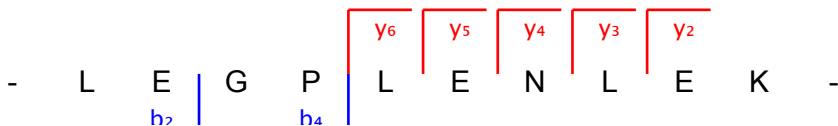
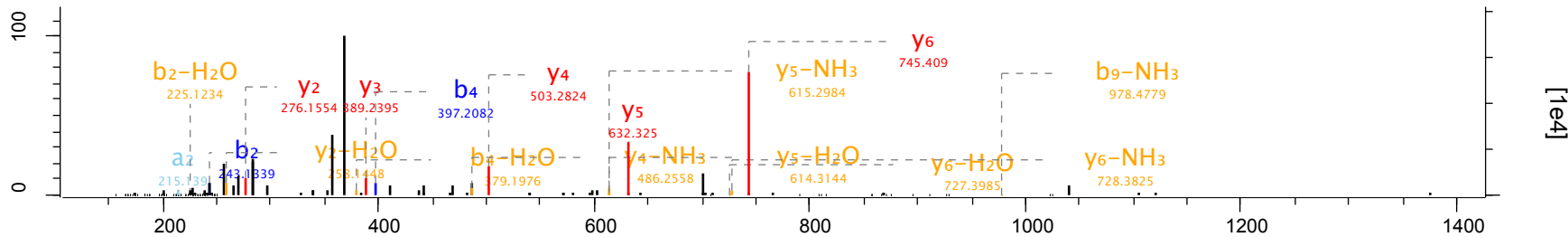
68.85

m/z

572.31

Gene names

ICA1



Raw file

20140925_fract12_dyn_5ul_C4_01_447

Scan

25295

Method

TOF; CID

Score

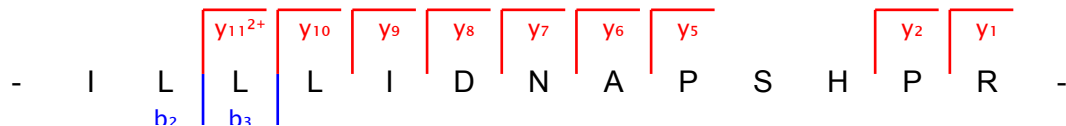
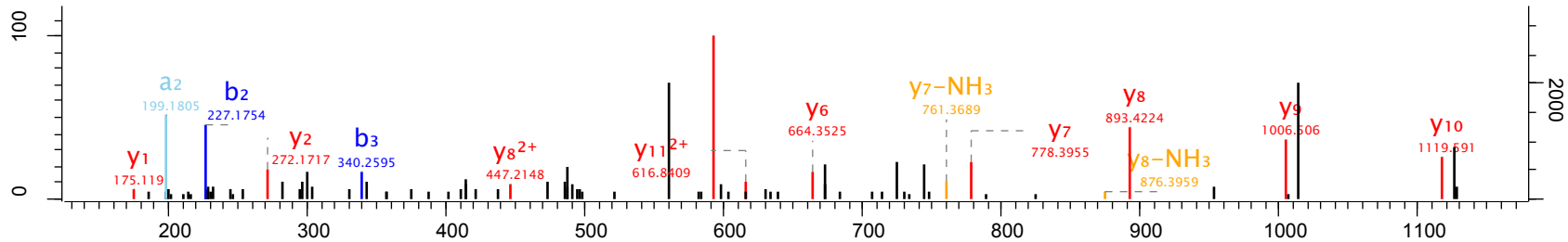
61.11

m/z

486.95

Gene names

TIGD1



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract12_dyn_5ul_C4_01_447

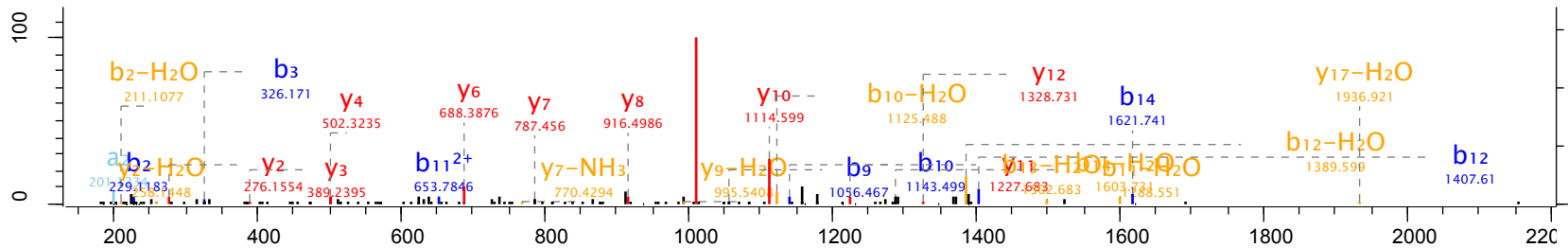
29198

TOF; CID

79.69

879.44

RARA



Raw file

20140925_fract12_dyn_5ul_C4_01_447

Scan

30367

Method

TOF; CID

Score

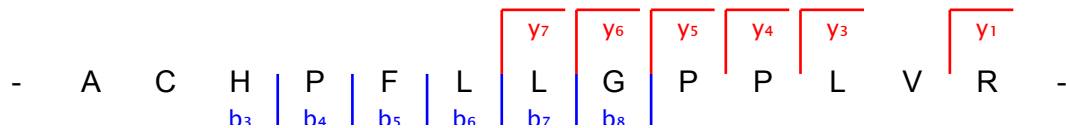
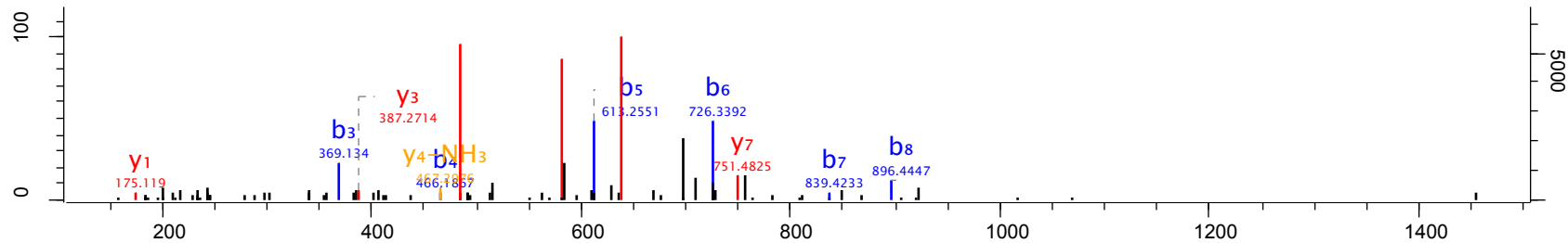
69.72

m/z

492.94

Gene names

TOR1AIP2



Raw file

20140925_fract12_dyn_5ul_C4_01_447

Scan

31046

Method

TOF; CID

Score

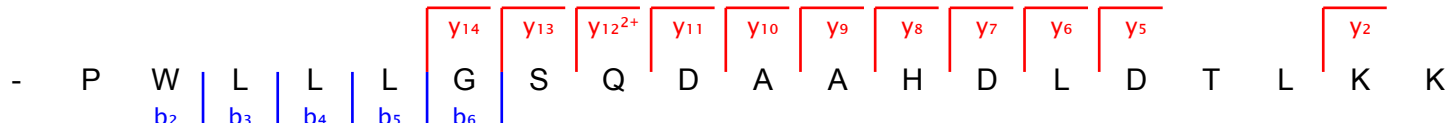
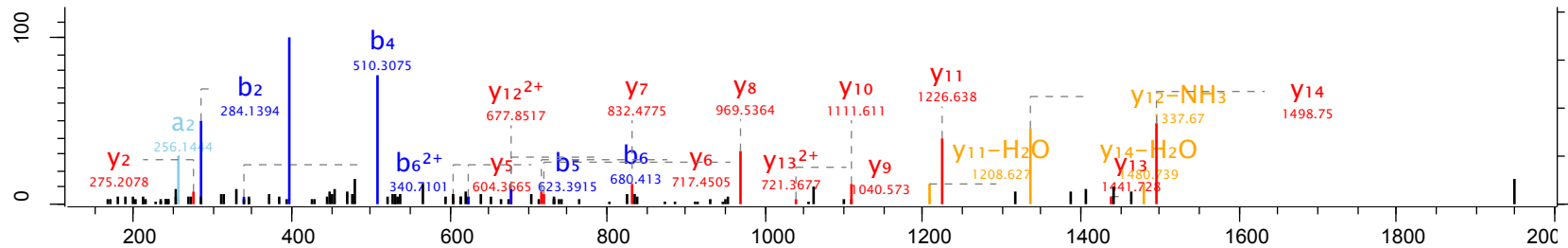
77.22

m/z

531.29

Gene names

DUSP19



Raw file

20140925_fract12_dyn_5ul_C4_01_447

Scan

31107

Method

TOF; CID

Score

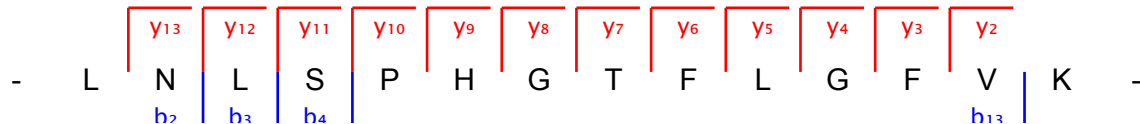
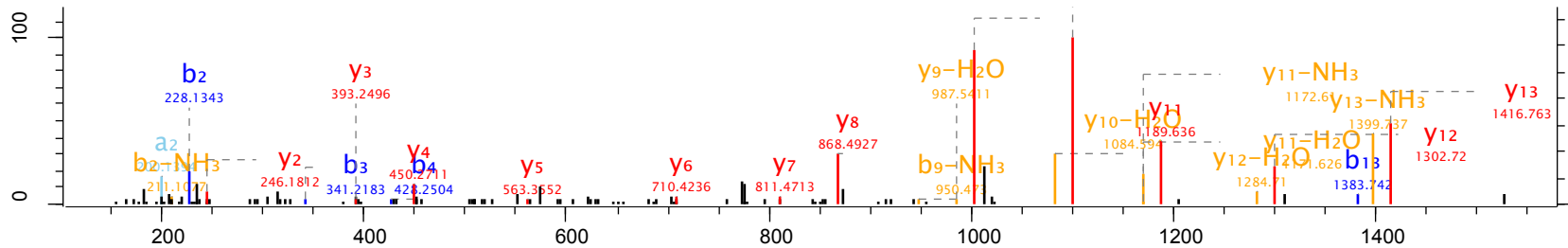
118.51

m/z

510.62

Gene names

TNFSF13



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract12_dyn_5ul_C4_01_447

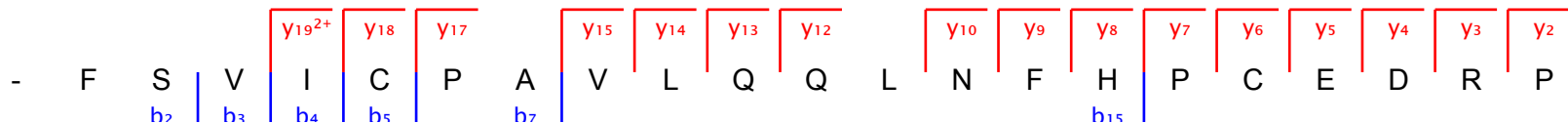
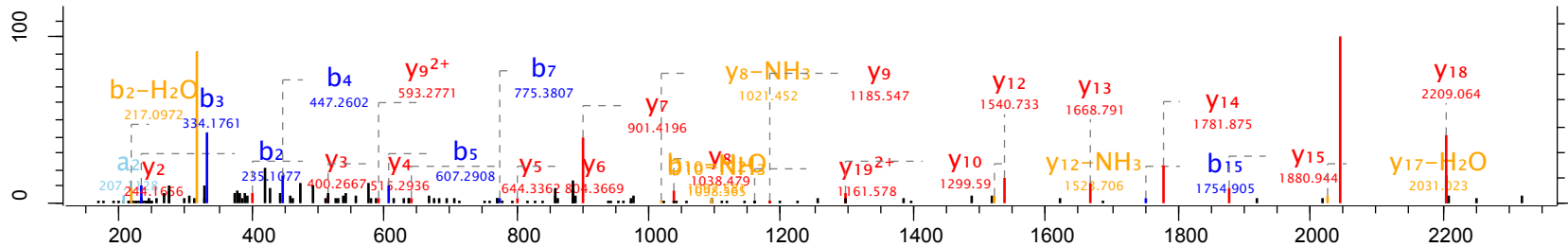
34863

TOF; CID

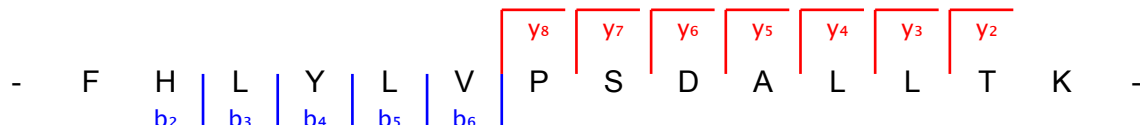
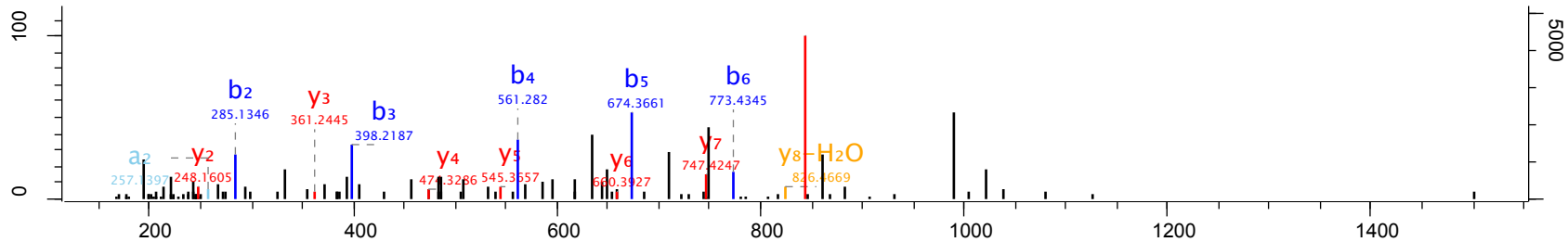
86.56

886.44

SLC39A8



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract12_dyn_5ul_C4_01_447	34891	TOF; CID	39.96	539.64	CARD8



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract12_dyn_5ul_C4_01_447

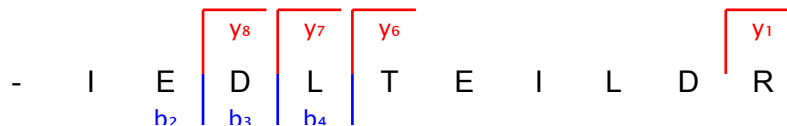
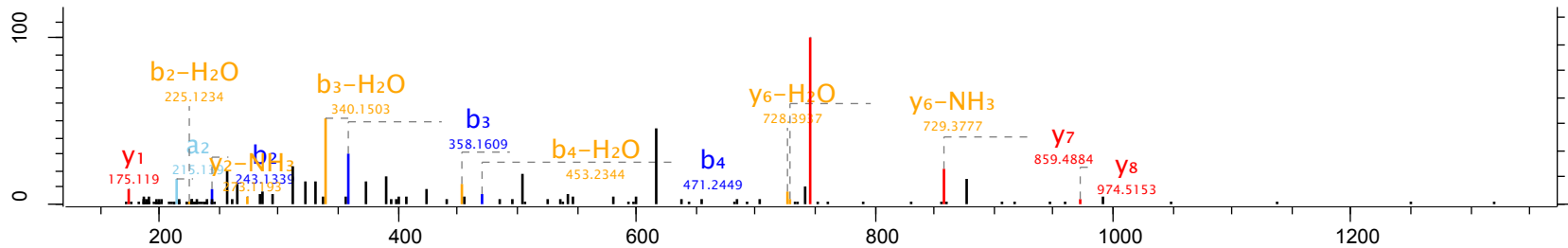
36572

TOF; CID

70.06

608.83

PCDH15



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract12_dyn_5ul_C4_01_447

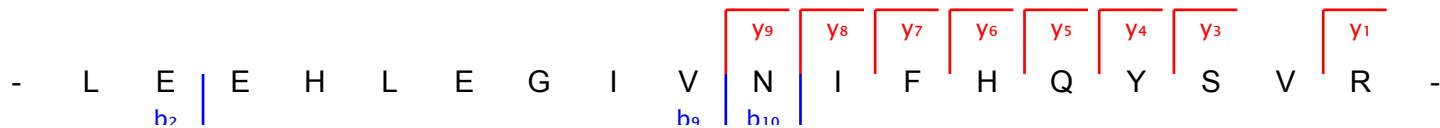
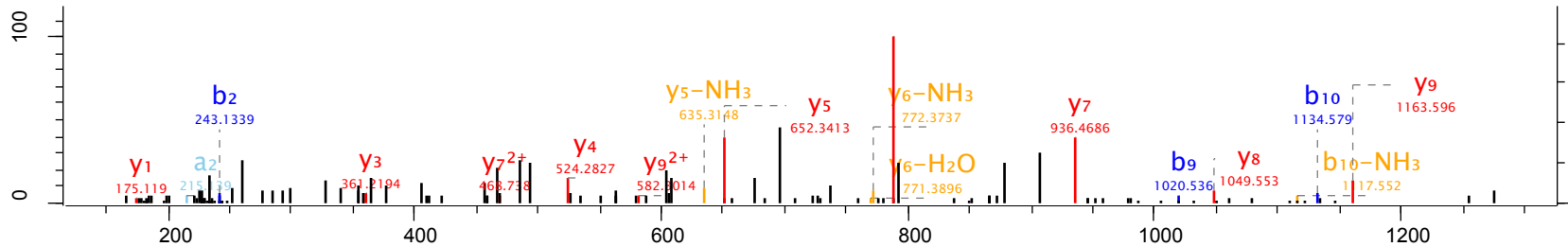
37046

TOF; CID

36.13

728.38

S100A12



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract12_dyn_5ul_C4_01_447

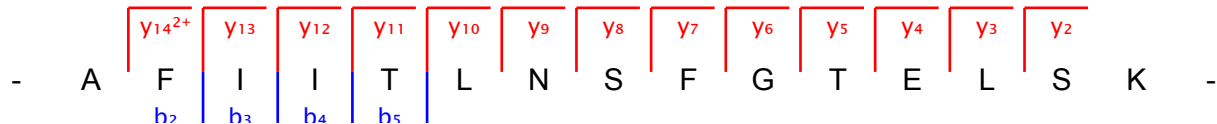
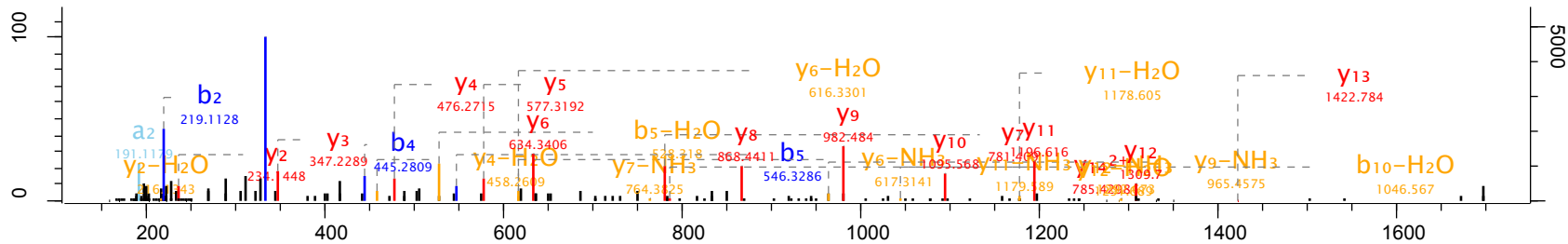
37375

TOF; CID

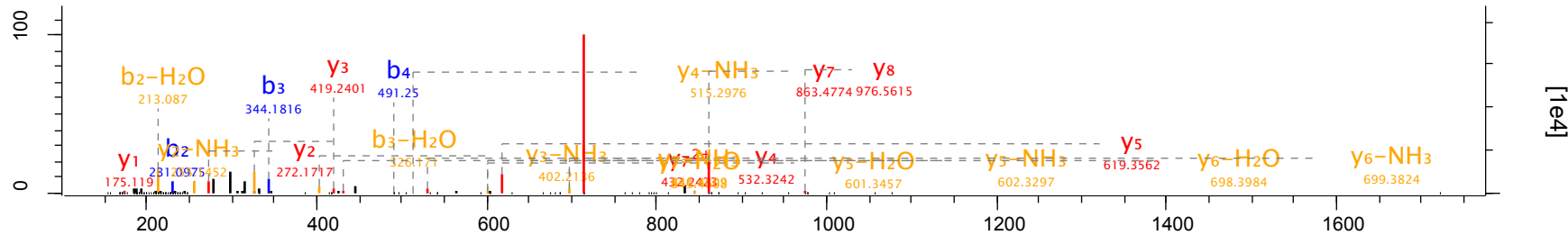
115.68

821.45

ATP6V0D2



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract12_dyn_5ul_C4_01_447	38790	TOF; CID	145.46	603.83	ANAPC15



ac

- S T L F P S L F P R -

b₂ b₃ b₄

y₈ y₇ y₆ y₅ y₄ y₃ y₂ y₁

Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

8066

Method

TOF; CID

Score

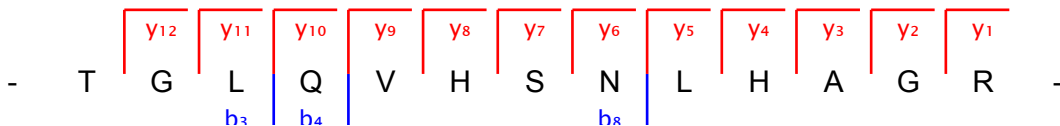
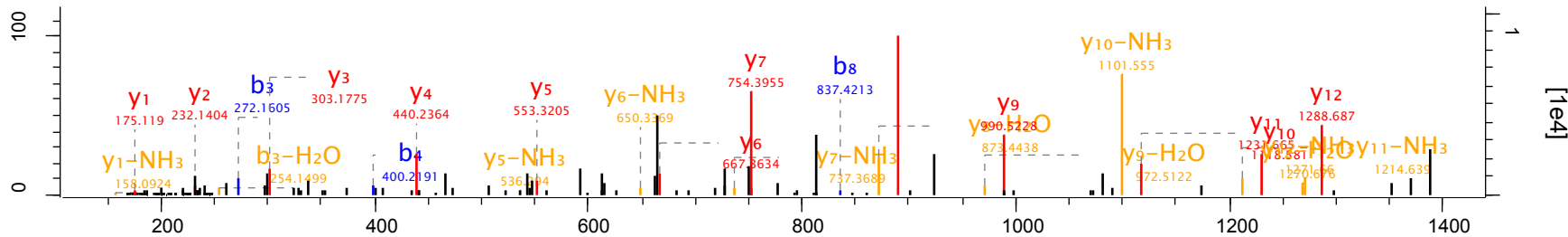
107.65

m/z

463.92

Gene names

ARNTL2



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract13_dyn_5ul_C5_01_448

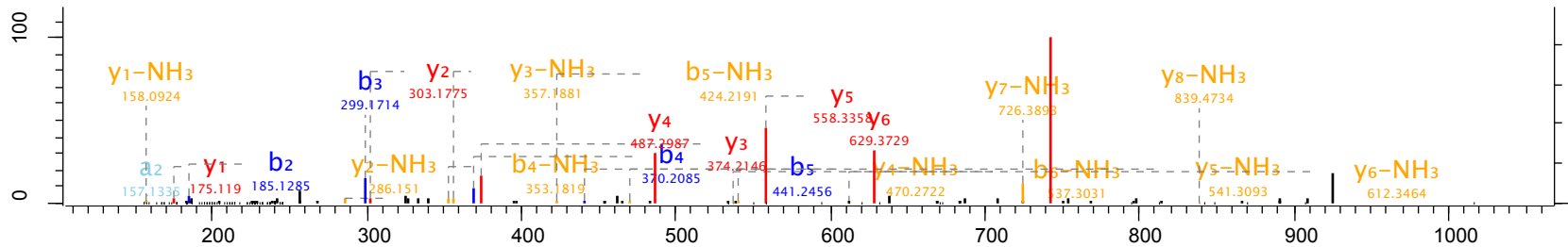
10820

TOF; CID

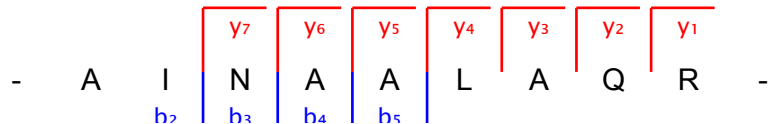
99.3

464.27

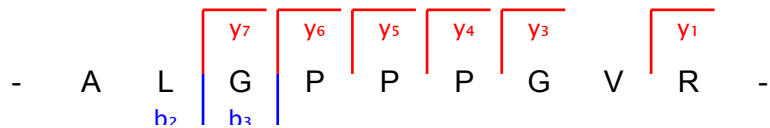
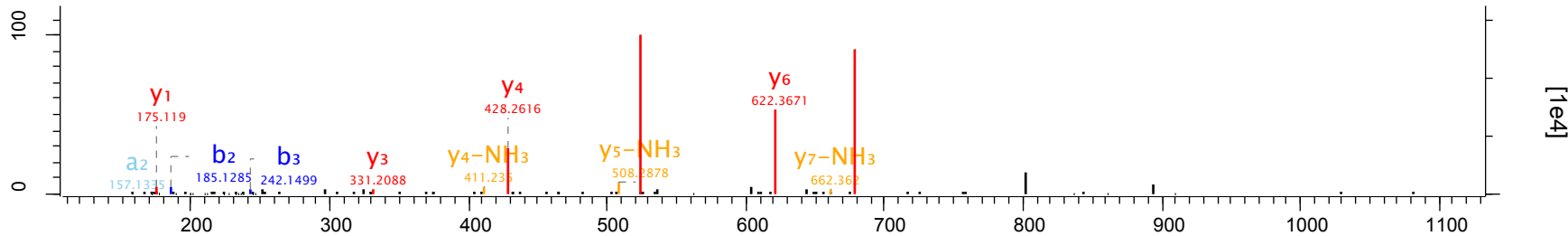
GTF2A2



[1e4]



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract13_dyn_5ul_C5_01_448	13203	TOF; CID	83.21	432.26	FOSL1



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

19649

Method

TOF; CID

Score

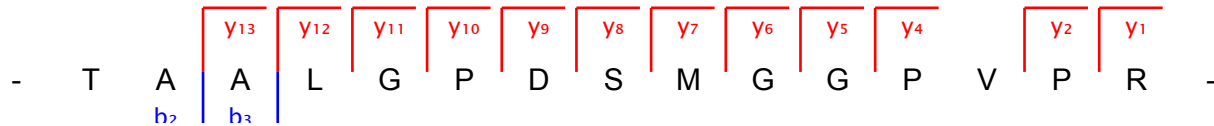
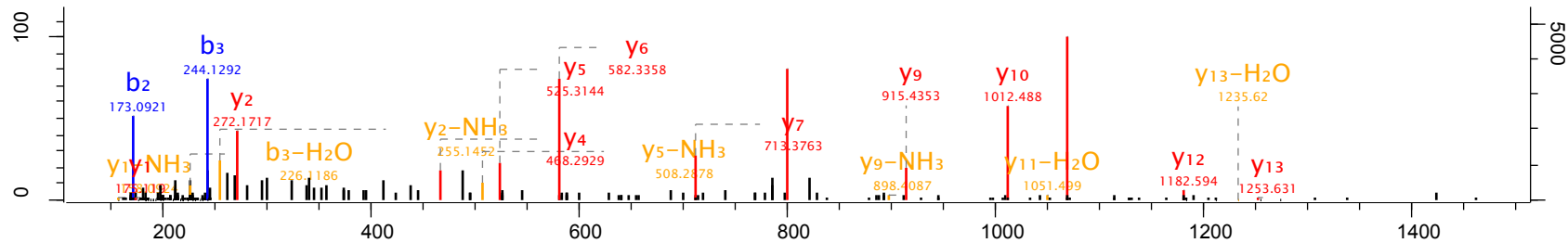
73.83

m/z

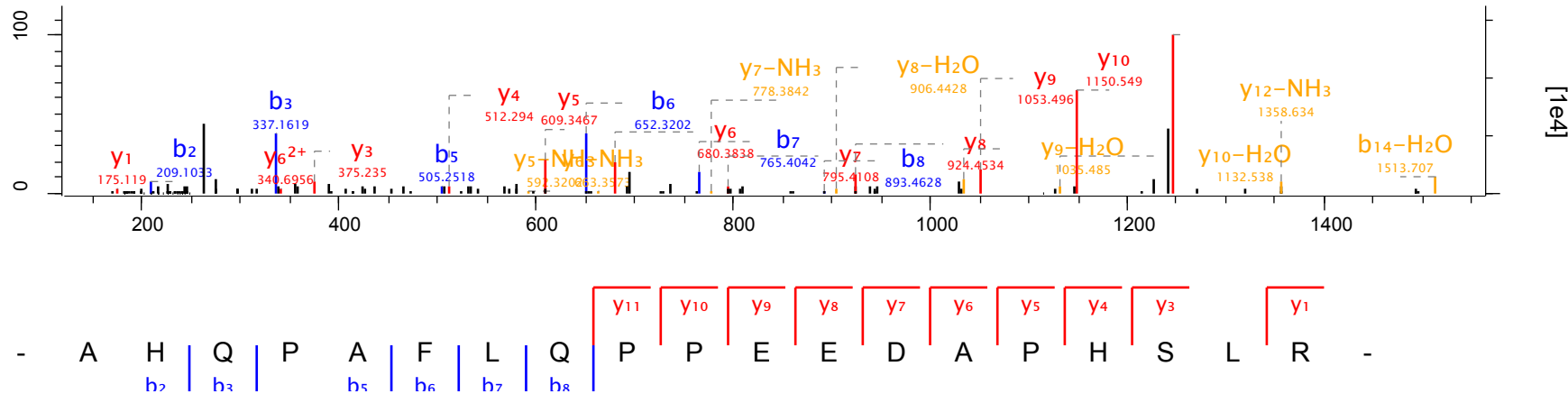
713.36

Gene names

YIF1A



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract13_dyn_5ul_C5_01_448	20213	TOF; CID	65.42	536.02	IRAK2



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

21856

Method

TOF; CID

Score

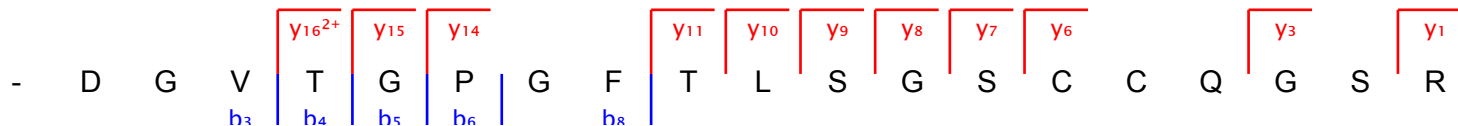
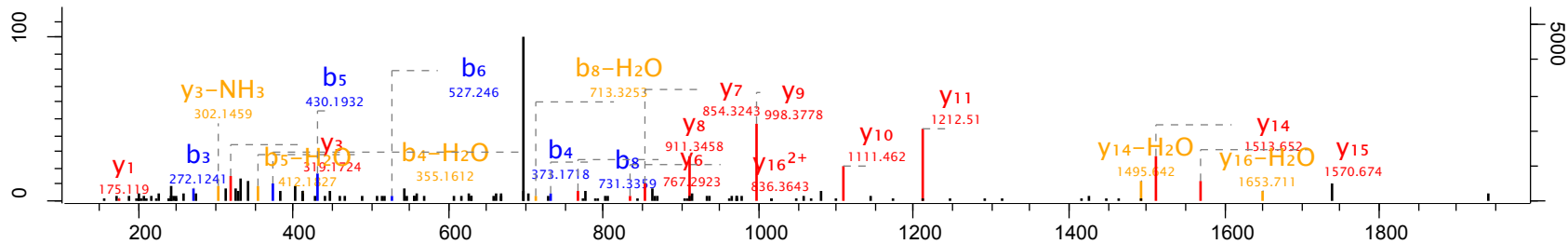
52.87

m/z

971.93

Gene names

LYPD3



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract13_dyn_5ul_C5_01_448

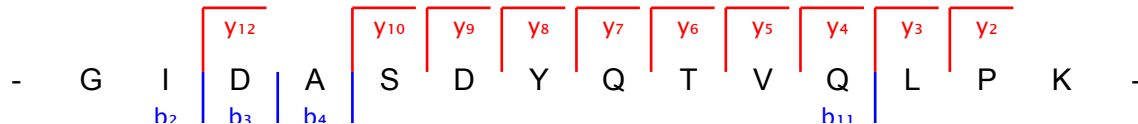
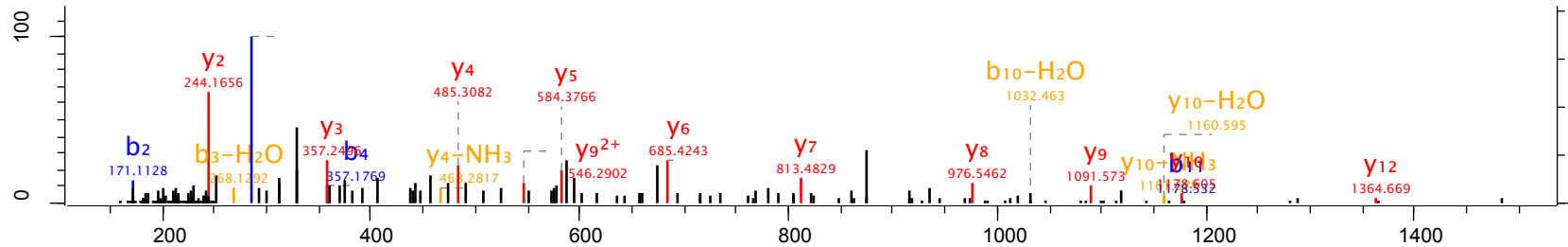
22877

TOF; CID

73.39

767.89

PREP



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

22975

Method

TOF; CID

Score

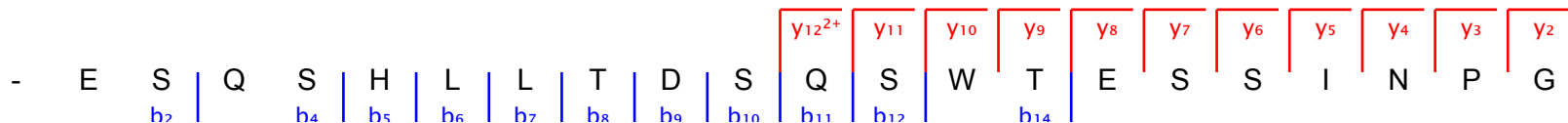
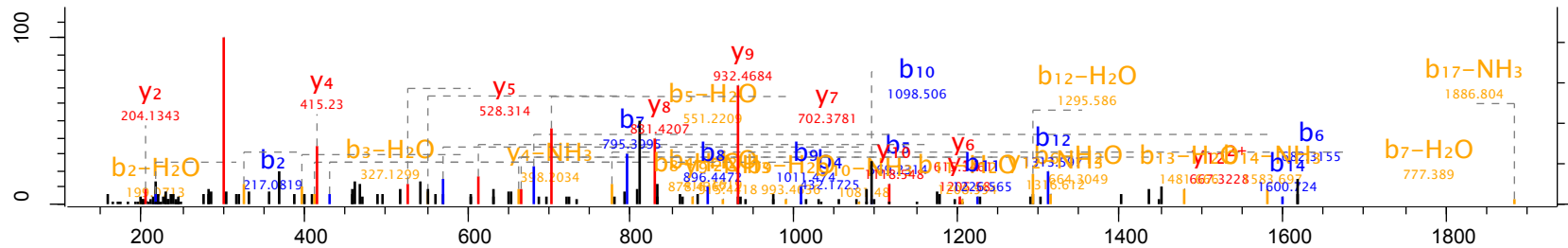
100.76

m/z

811.39

Gene names

ZDHHC2



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

23106

Method

TOF; CID

Score

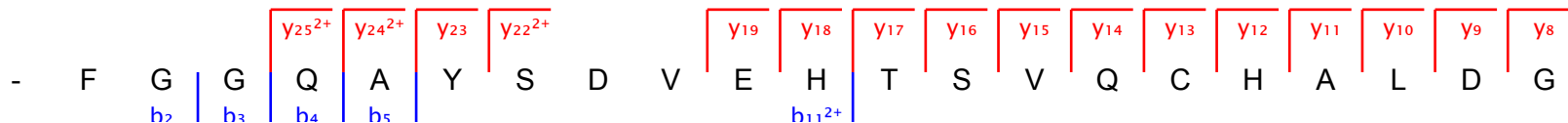
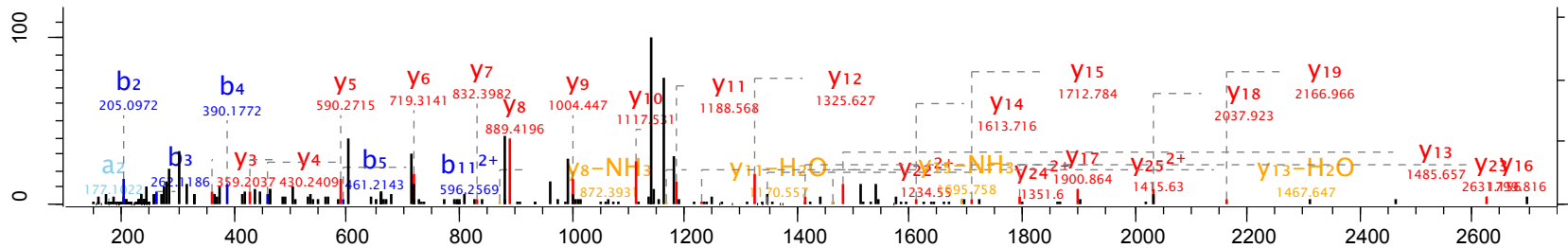
56.37

m/z

773.85

Gene names

TM2D2



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

26681

Method

TOF; CID

Score

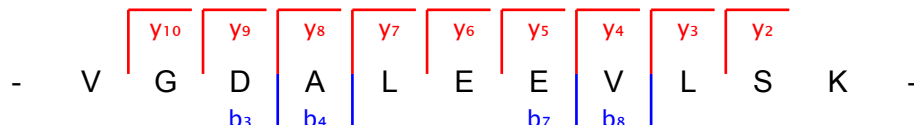
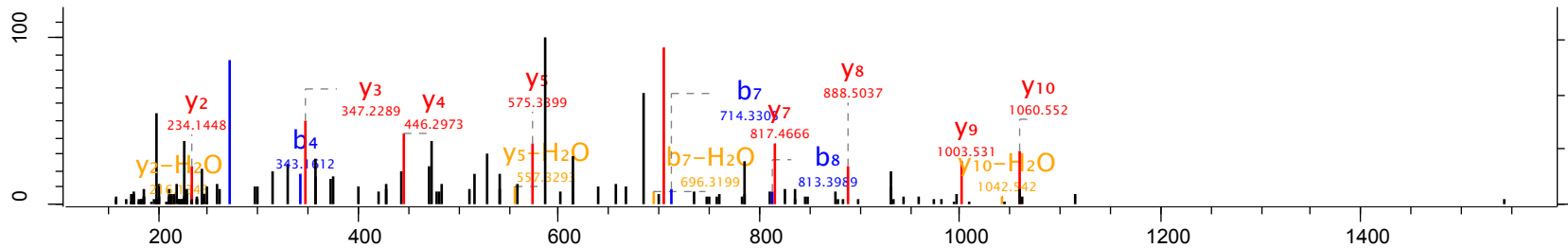
61.11

m/z

580.32

Gene names

GADD45A



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

28201

Method

TOF; CID

Score

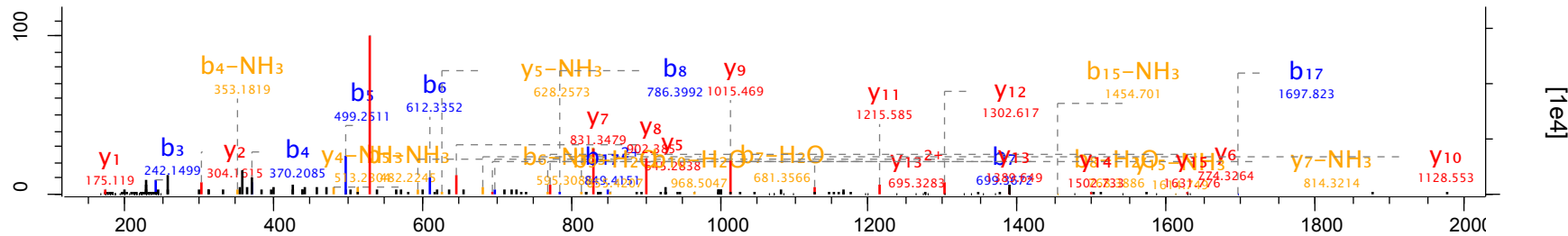
110.6

m/z

1001.49

Gene names

PSEN1



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

32763

Method

TOF; CID

Score

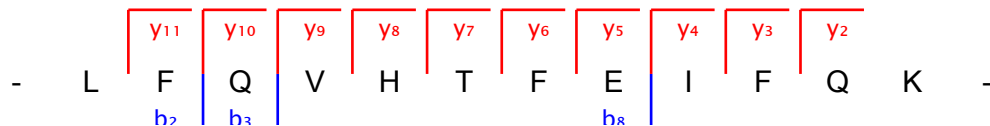
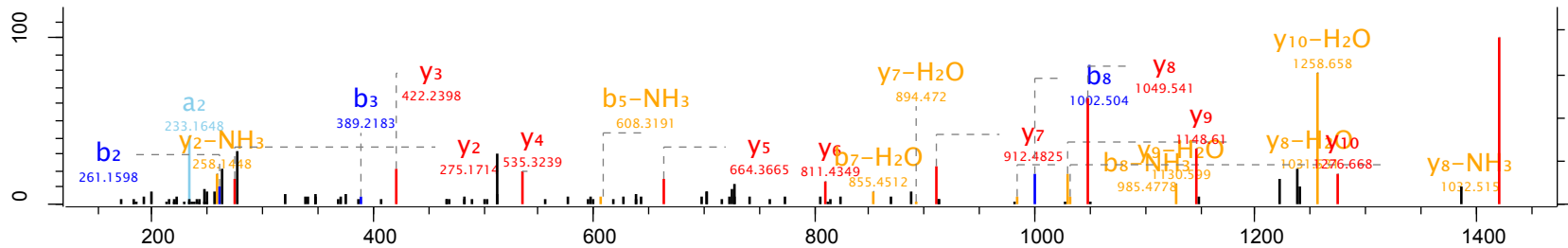
111.94

m/z

512.94

Gene names

TMCO3



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

33950

Method

TOF; CID

Score

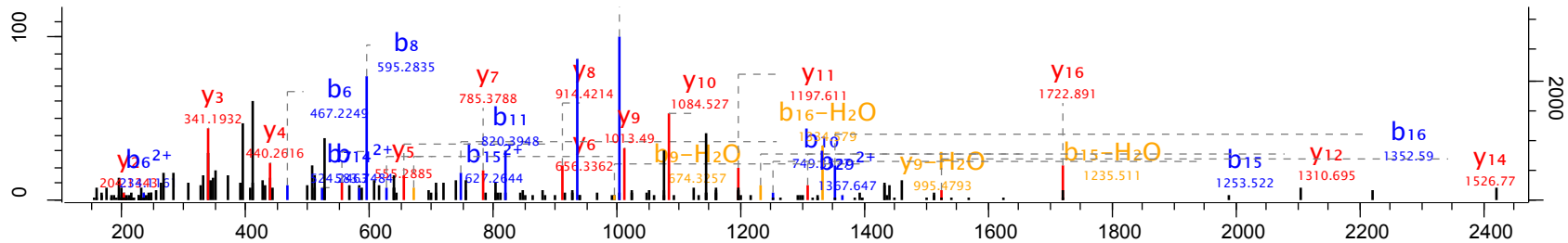
57.61

m/z

1025.83

Gene names

CERK

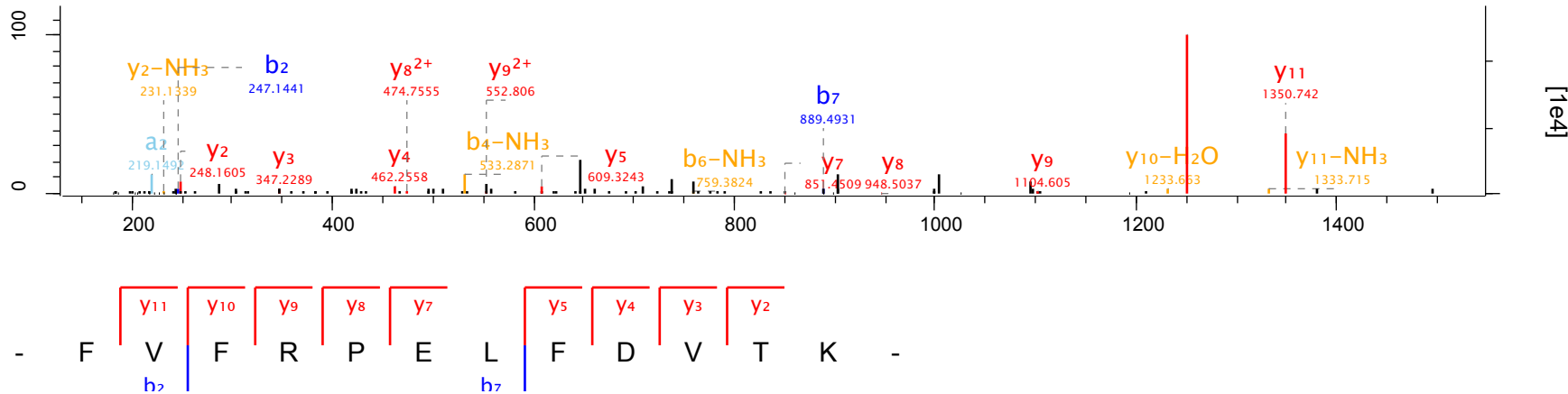


- S P G P G A G A P G A D A C S V P V S E I

b_6 | b_7 | b_8 | b_{10} | b_{11} | b_{12} | b_{13} | b_{14}^{2+} | b_{15} | b_{16}

y_{16} | y_{14} | y_{12}

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract13_dyn_5ul_C5_01_448	34168	TOF; CID	57.11	499.94	METTL4



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

36002

Method

TOF; CID

Score

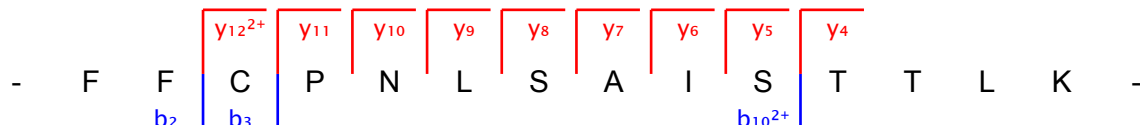
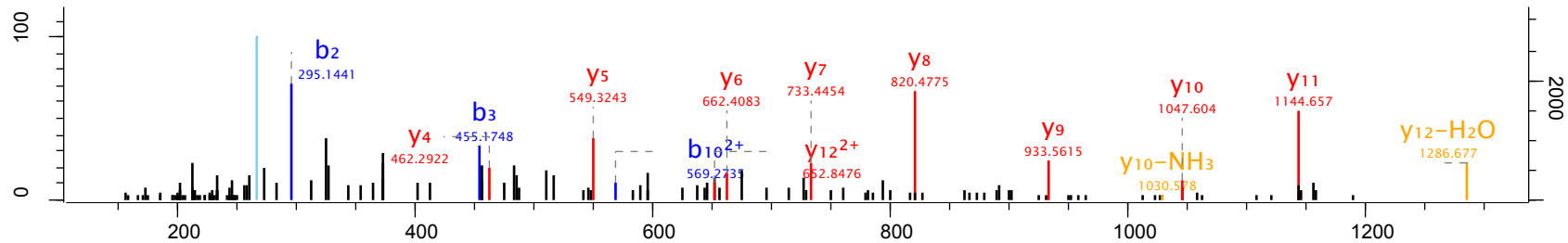
51.94

m/z

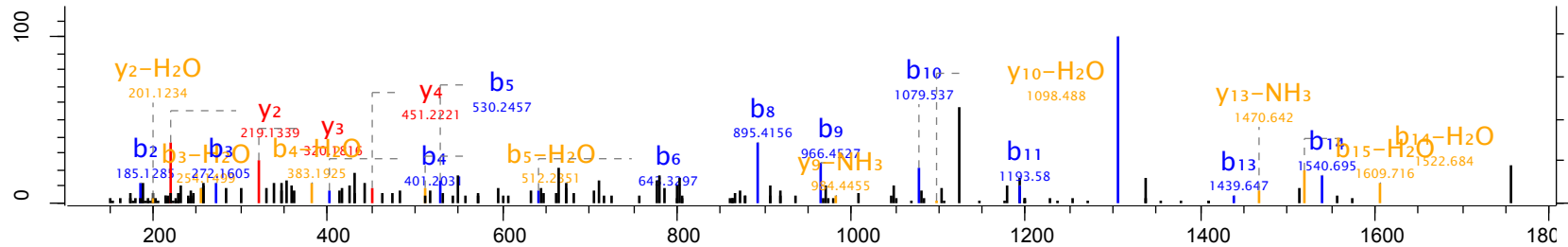
799.92

Gene names

SLC8B1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract13_dyn_5ul_C5_01_448	36368	TOF; CID	68.75	879.92	TPM4



- A I S E E L D H A L N D M T S L -

b₂ | b₃ | b₄ | b₅ | b₆ | b₈ | b₉ | b₁₀ | b₁₁ | b₁₂ | b₁₃ | b₁₄ | y₄ | y₃ | y₂

Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

8085

Method

TOF; CID

Score

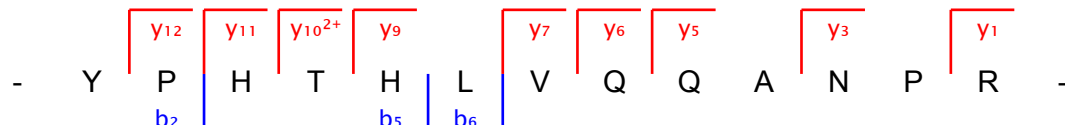
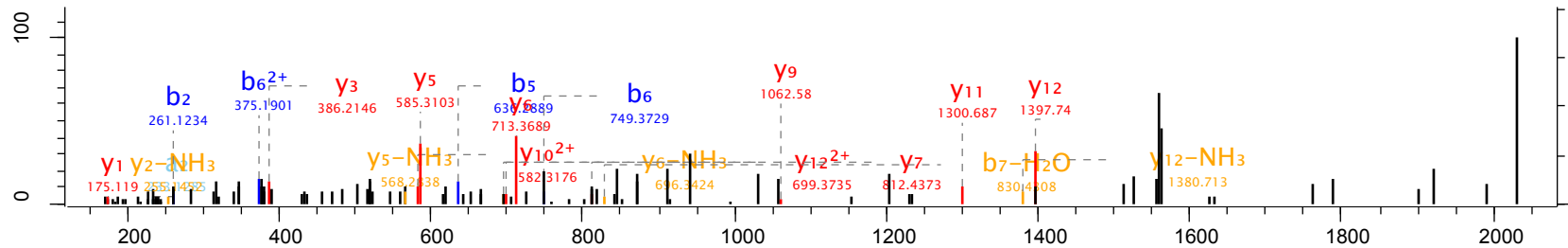
68

m/z

521.27

Gene names

GDF11



Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

9765

Method

TOF; CID

Score

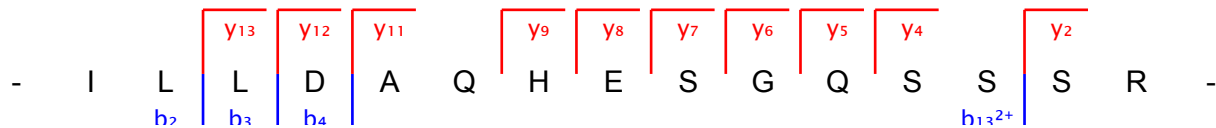
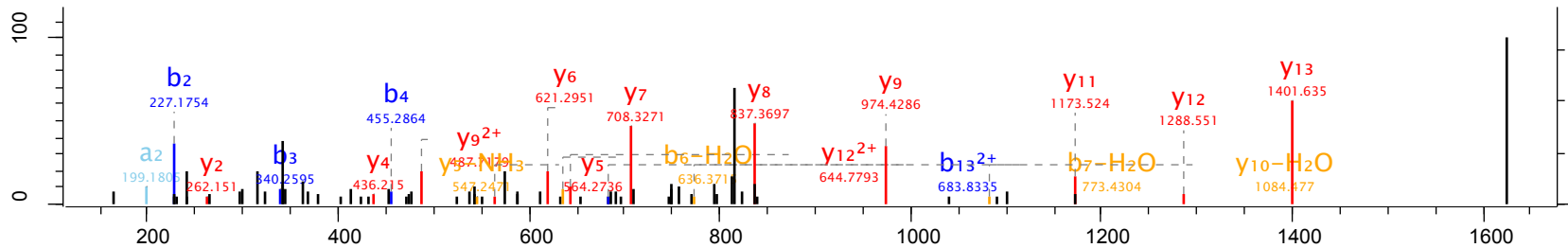
48.9

m/z

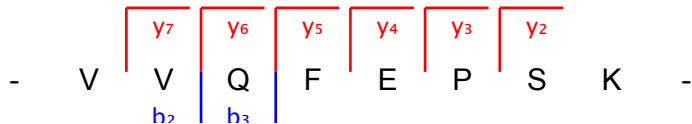
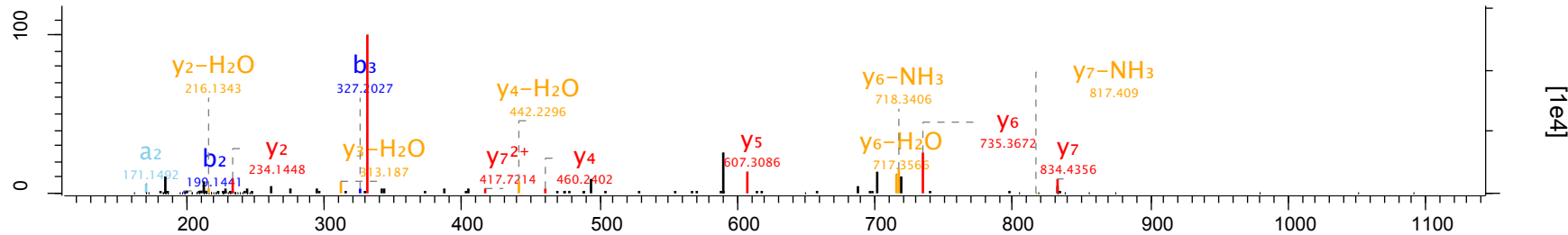
814.41

Gene names

BNIP3L



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract14_dyn_5ul_C6_01_449	11023	TOF; CID	102.51	467.26	GARS



Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

12538

Method

TOF; CID

Score

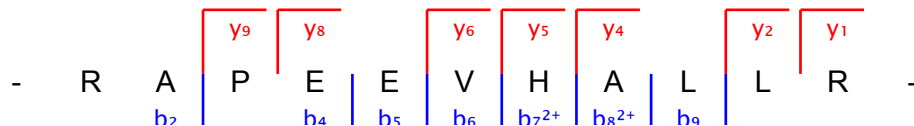
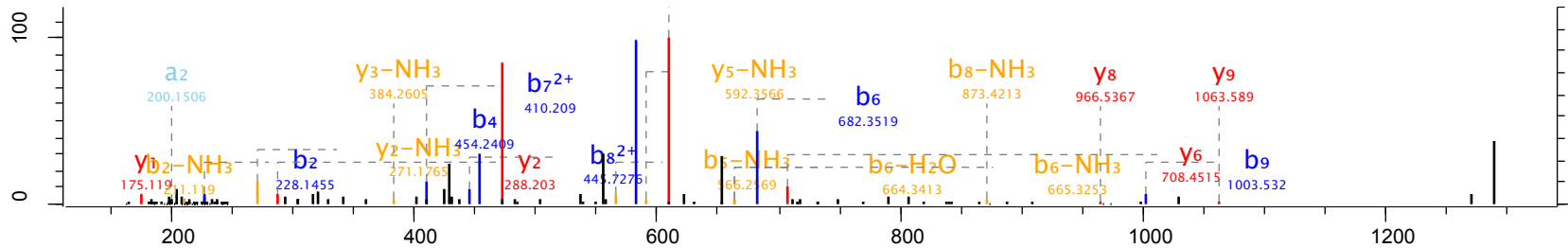
98.9

m/z

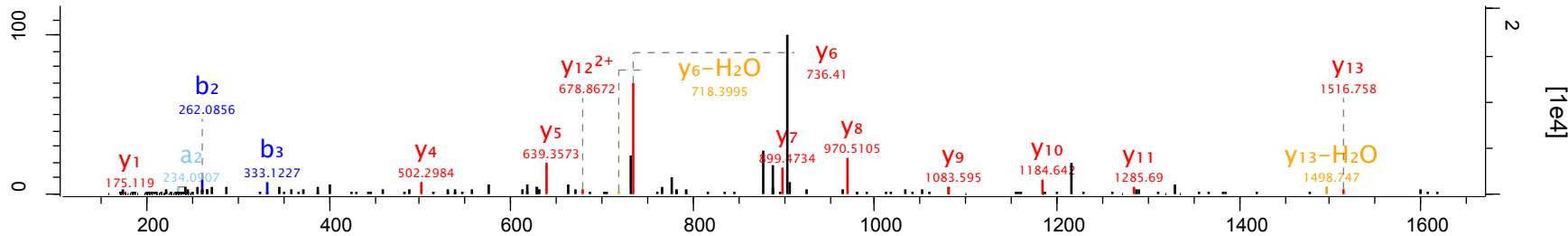
430.91

Gene names

DPY19L3



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract14_dyn_5ul_C6_01_449	15984	TOF; CID	59.71	540.28	SLC25A36



Sequence alignment showing the peptide sequence: T C A T T I A Y P H E V V R. The sequence is annotated with b and y ions. The b ions are labeled b₂ (under C) and b₃ (under A). The y ions are labeled y₁ through y₁₃ and y₁₂²⁺, corresponding to the amino acids C, A, T, T, I, A, Y, P, H, E, V, V, and R respectively. Red brackets above the sequence indicate the y ion fragmentation sites, and blue brackets below indicate the b ion fragmentation sites.

Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

16427

Method

TOF; CID

Score

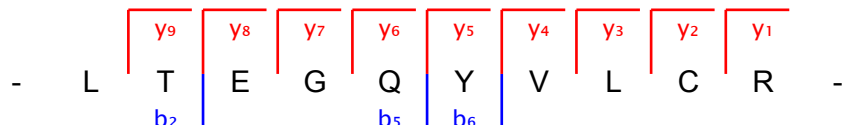
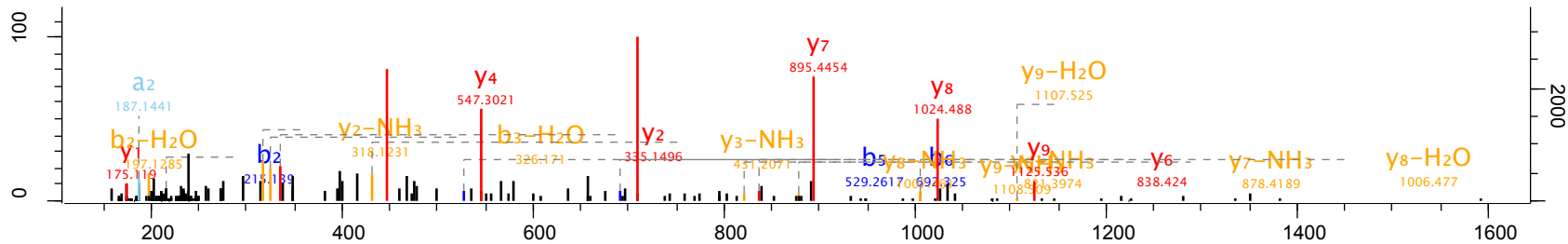
123.75

m/z

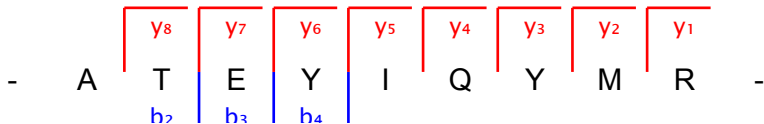
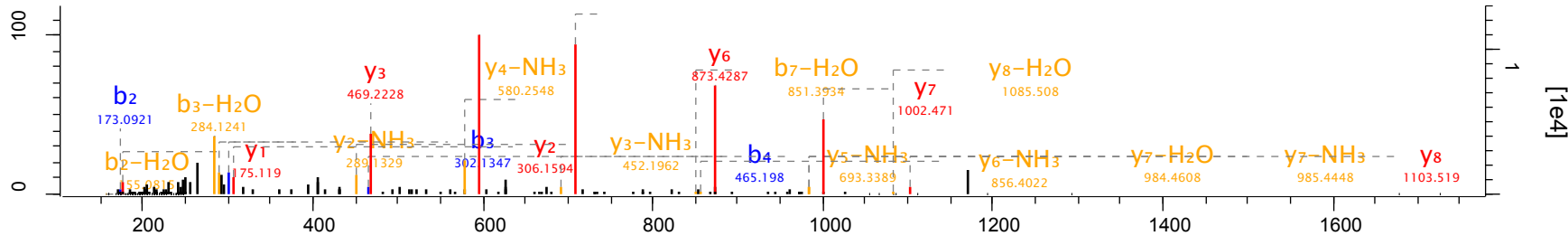
619.81

Gene names

PHF19



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract14_dyn_5ul_C6_01_449	18034	TOF; CID	140.14	587.78	MAX



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract14_dyn_5ul_C6_01_449

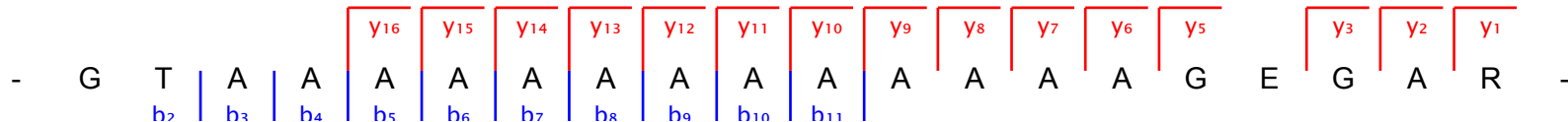
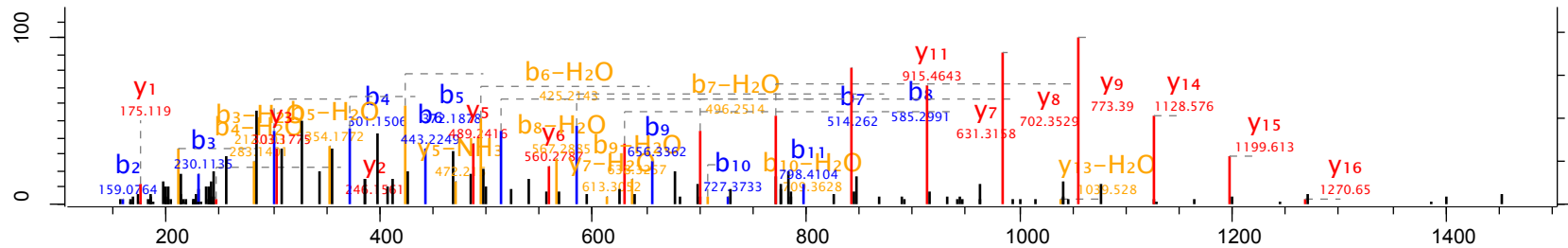
22789

TOF; CID

112.44

786.41

NIPA1



Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

23576

Method

TOF; CID

Score

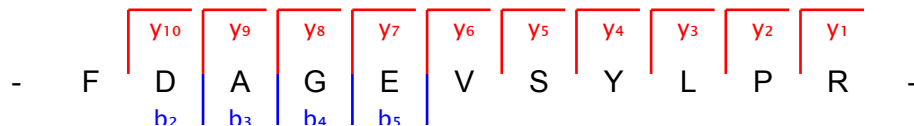
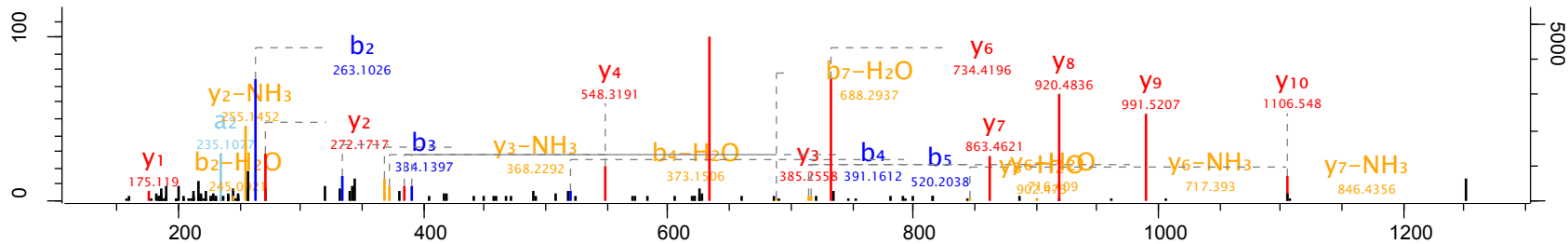
129.82

m/z

627.31

Gene names

KIAA1161



Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

24817

Method

TOF; CID

Score

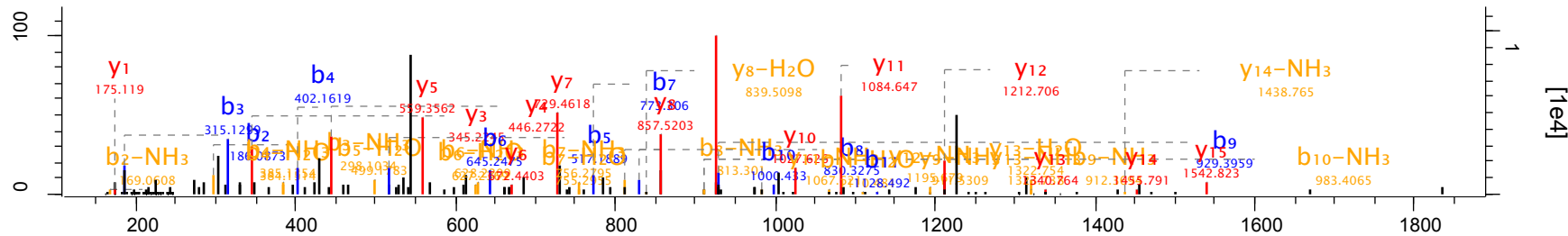
160.47

m/z

929.48

Gene names

HIATL1

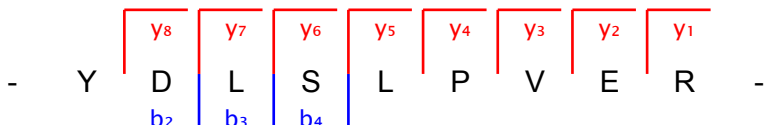
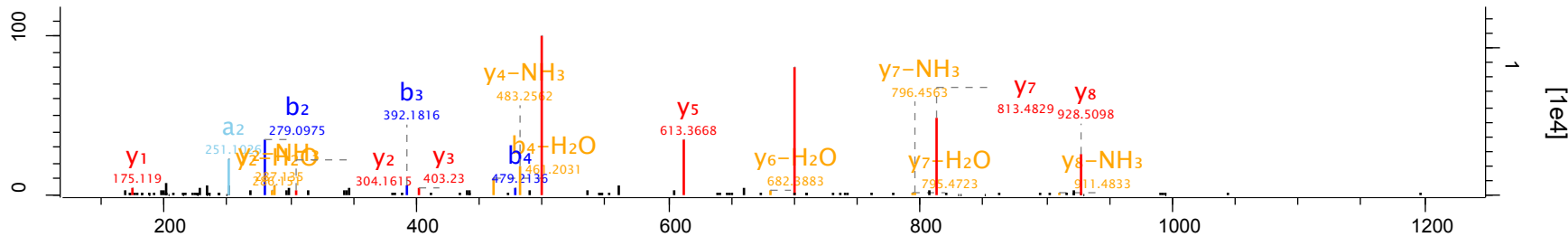


- N A E S D Q Q G V A Q G I I T G I R -

b₂ | b₃ | b₄ | b₅ | b₆ | b₇ | b₈ | b₉ | b₁₀ | b₁₁

y₁₅ | y₁₄ | y₁₃ | y₁₂ | y₁₁ | y₁₀ | y₉ | y₈ | y₇ | y₆ | y₅ | y₄ | y₃ | y₁

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract14_dyn_5ul_C6_01_449	25068	TOF; CID	104.42	546.29	D2HGDH



Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

25542

Method

TOF; CID

Score

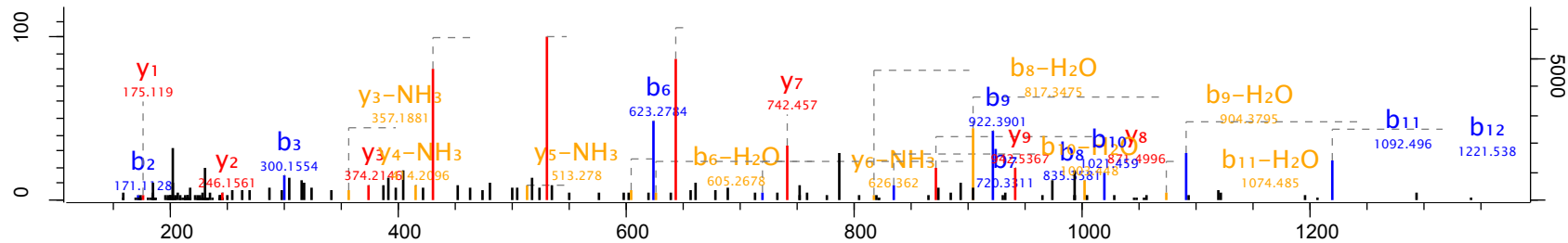
66.07

m/z

655

Gene names

IFT172



Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

25600

Method

TOF; CID

Score

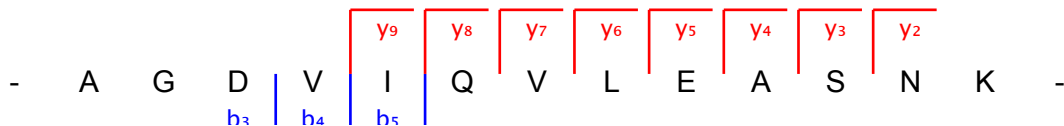
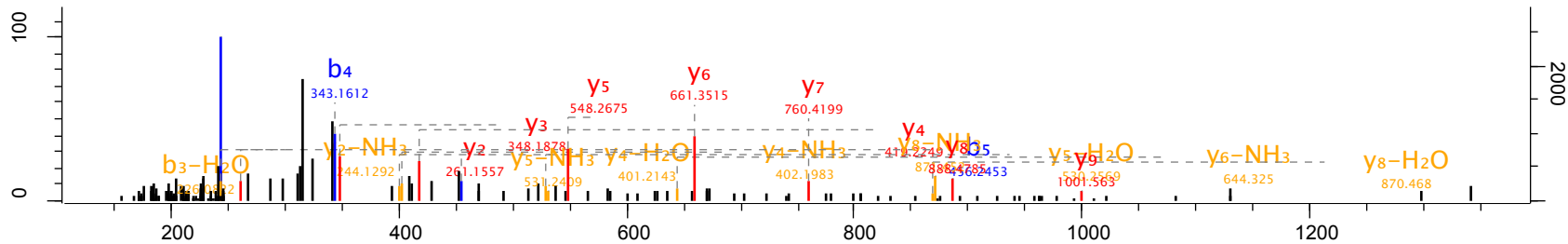
74.99

m/z

672.36

Gene names

SPATA13



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract14_dyn_5ul_C6_01_449

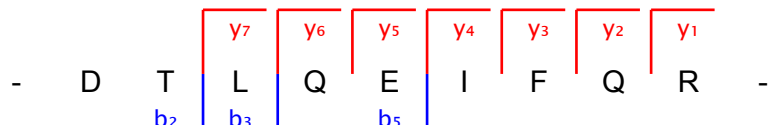
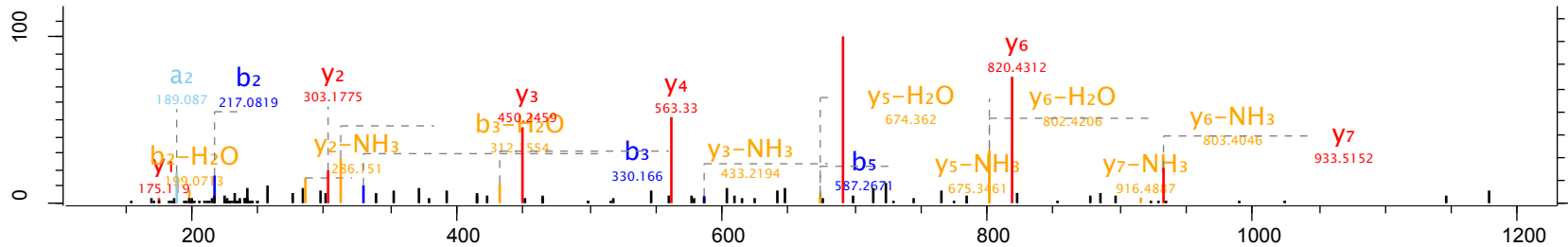
27929

TOF; CID

125.82

575.3

JOSD1



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract14_dyn_5ul_C6_01_449

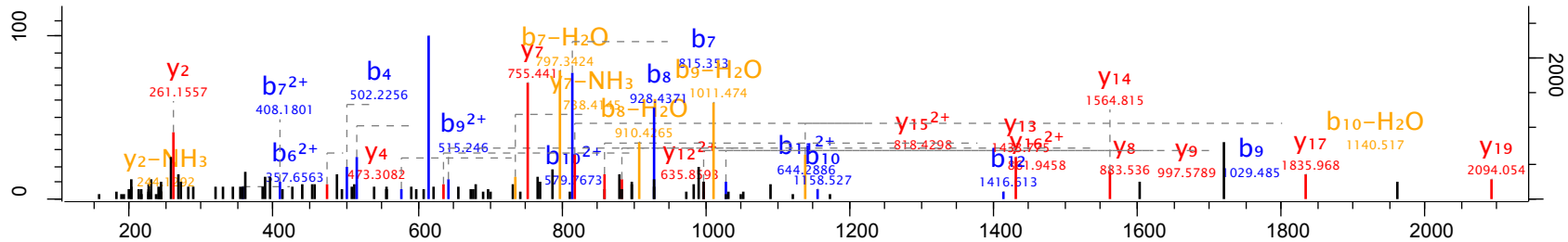
30669

TOF; CID

87.2

813.9

PAG1



- S R E E | D | P | T | L | T | E | E | I | S | A | M | Y | S | S | V | N

h₄ | h₅ | h₆²⁺ | h₇ | h₈ | h₉ | h₁₀ | h₁₁²⁺ | h₁₂ | y₁₉ | y₁₇ | y₁₆²⁺ | y₁₅²⁺ | y₁₄ | y₁₃ | y₁₂²⁺ | y₉

Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract14_dyn_5ul_C6_01_449

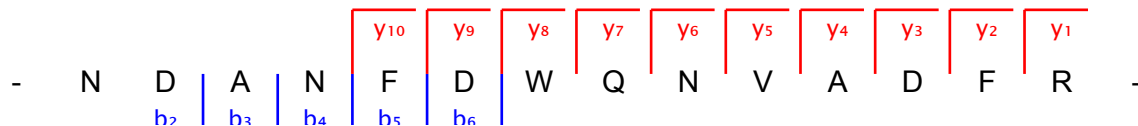
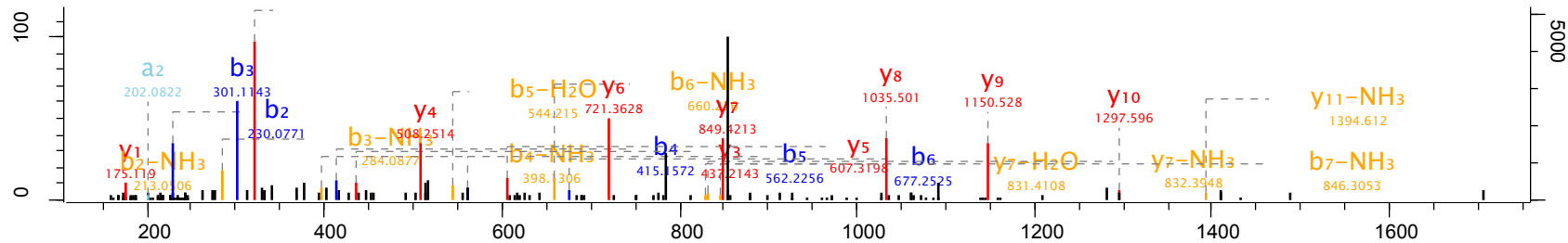
31563

TOF; CID

106.14

856.38

MSANTD4



Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

33308

Method

TOF; CID

Score

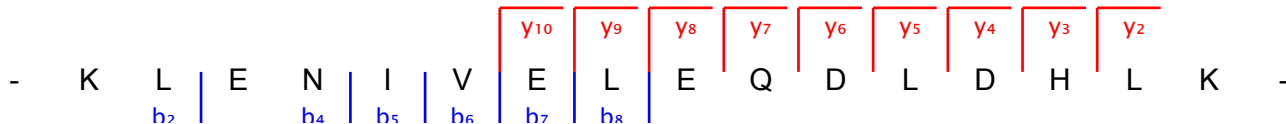
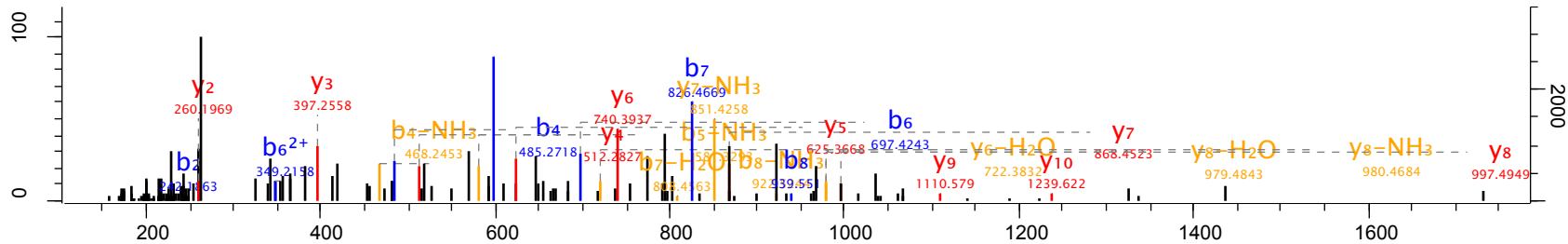
66.81

m/z

646.35

Gene names

NFE2L2



Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

37146

Method

TOF; CID

Score

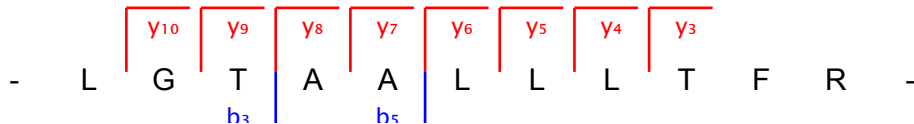
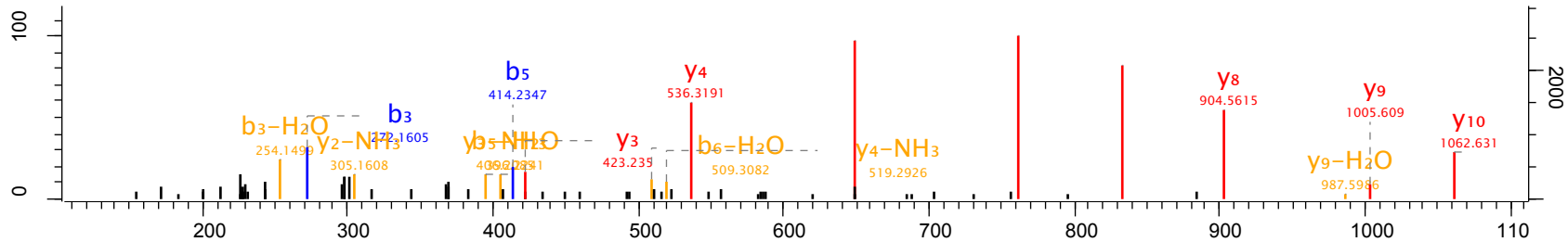
94.77

m/z

588.36

Gene names

KREMEN2



Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

38602

Method

TOF; CID

Score

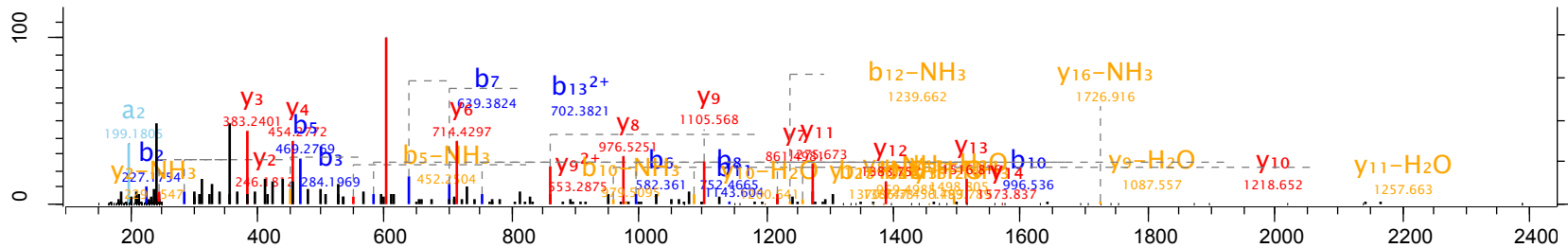
128.74

m/z

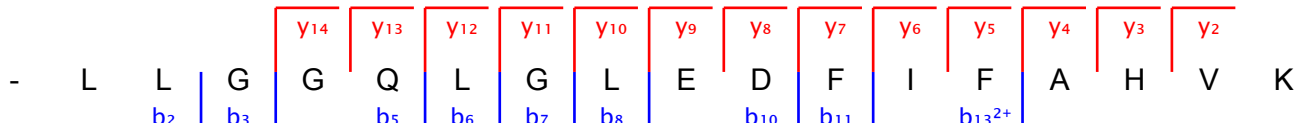
620.02

Gene names

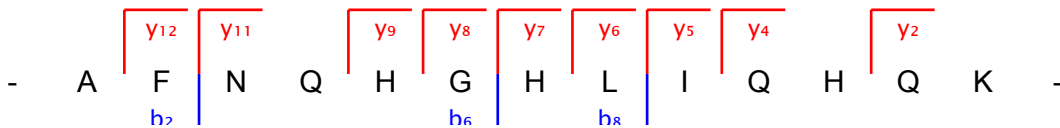
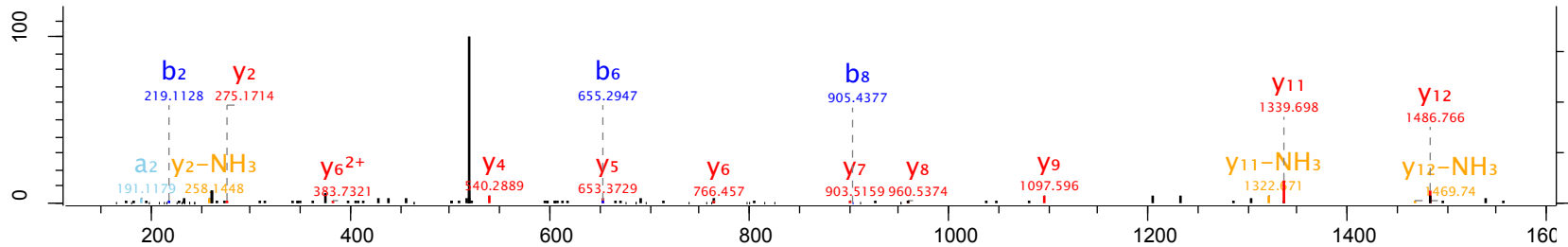
GIPC2



[1e4]



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract15_dyn_5ul_C7_01_450	5331	TOF; CID	78.55	519.94	ZNF250



[1e4]

Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract15_dyn_5ul_C7_01_450

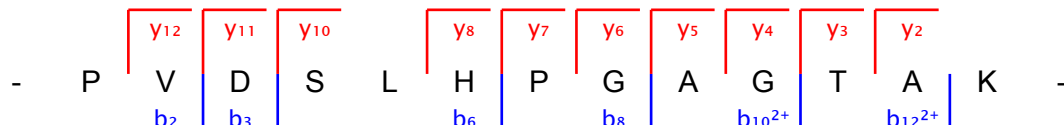
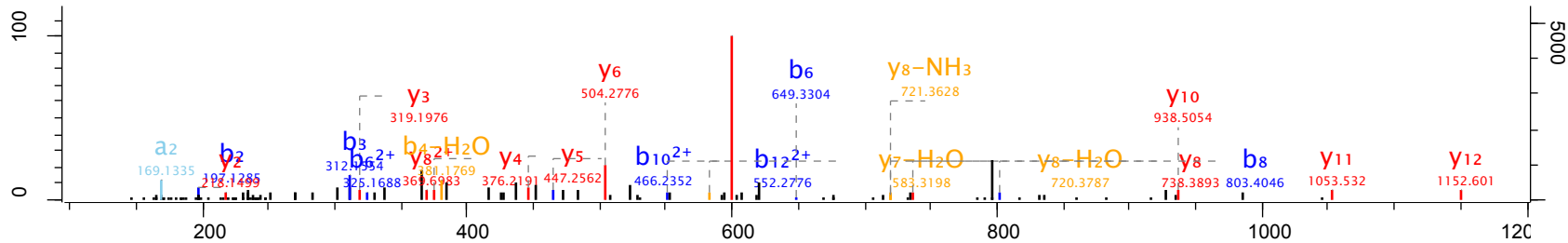
6724

TOF; CID

72.68

417.22

SPATA33



Raw file

20140925_fract15_dyn_5ul_C7_01_450

Scan

10271

Method

TOF; CID

Score

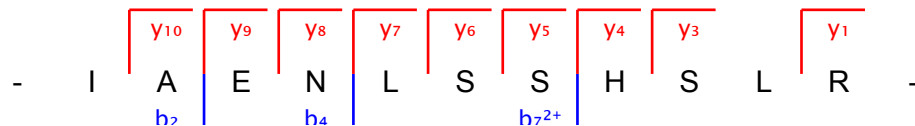
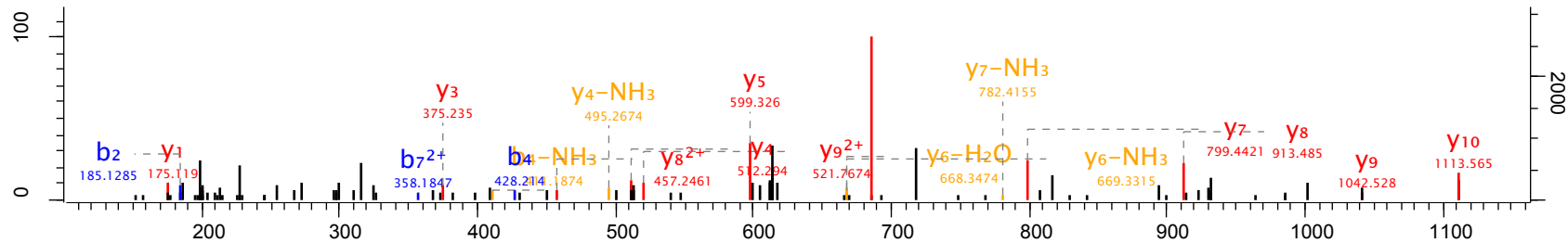
71.08

m/z

613.83

Gene names

TMC7



Raw file

20140925_fract15_dyn_5ul_C7_01_450

Scan

10433

Method

TOF; CID

Score

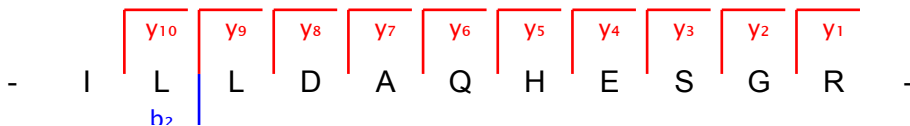
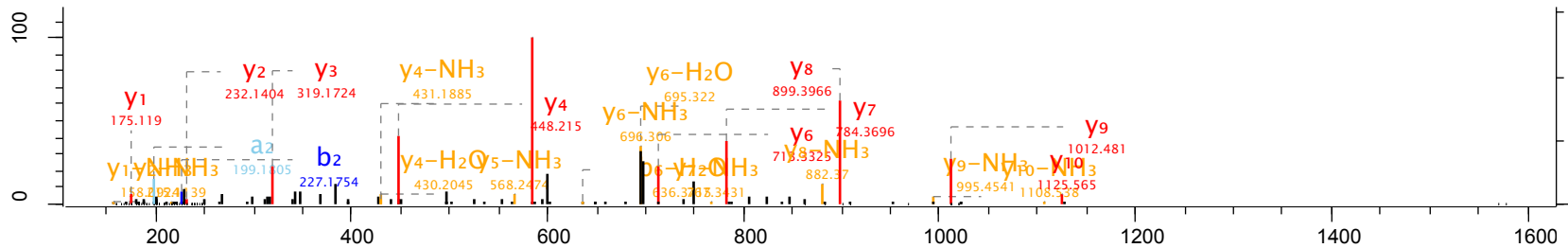
130.01

m/z

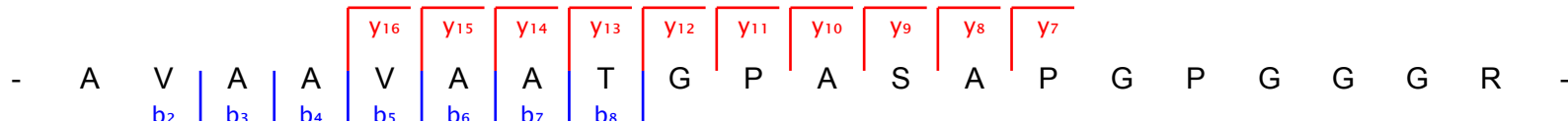
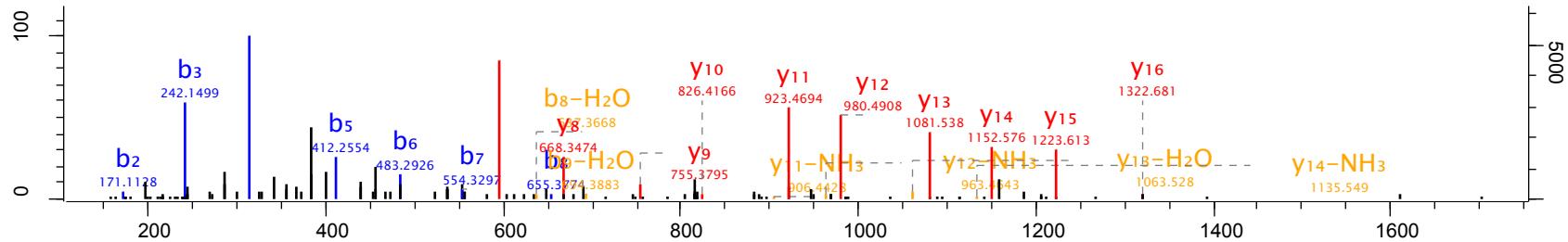
413.55

Gene names

BNIP3



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract15_dyn_5ul_C7_01_450	13702	TOF; CID	67.42	817.94	FRAT2



Raw file

20140925_fract15_dyn_5ul_C7_01_450

Scan

14929

Method

TOF; CID

Score

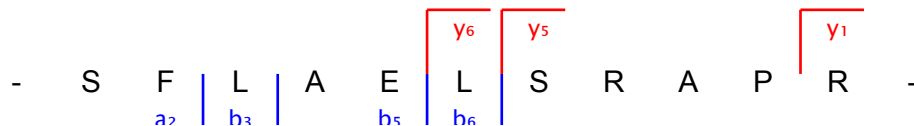
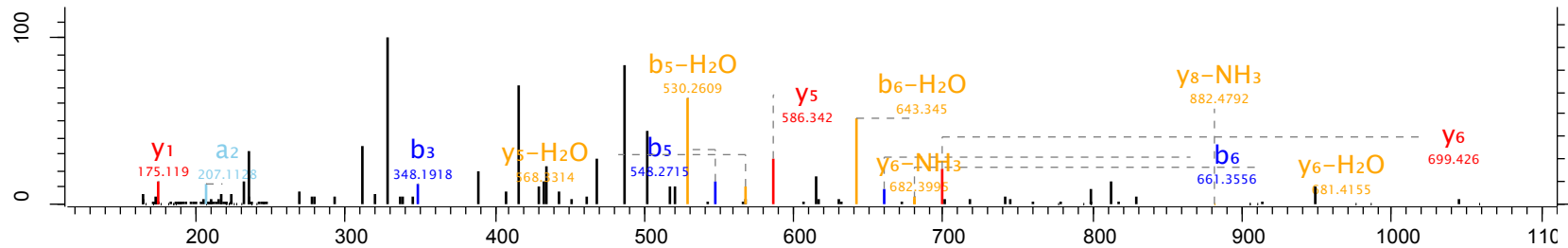
57.79

m/z

416.24

Gene names

GLDN



Raw file

20140925_fract15_dyn_5ul_C7_01_450

Scan

16618

Method

TOF; CID

Score

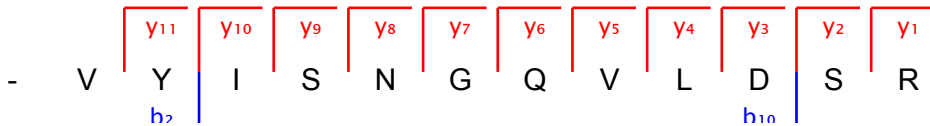
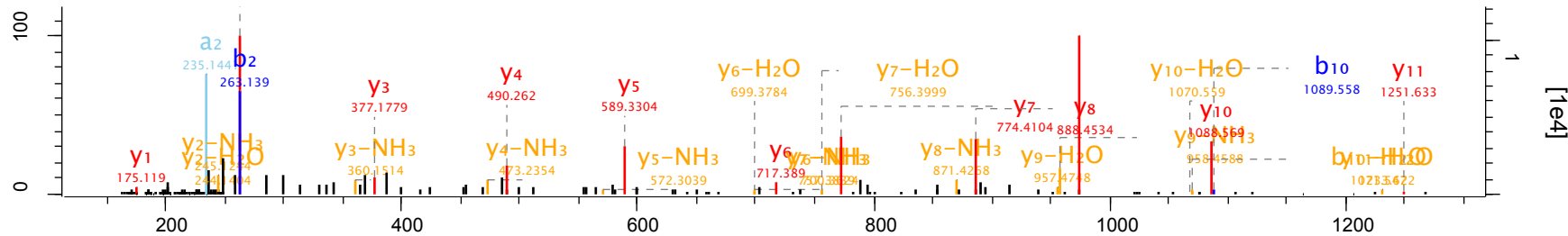
138.42

m/z

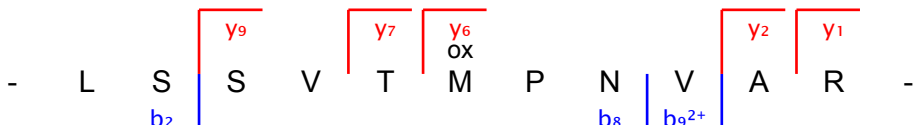
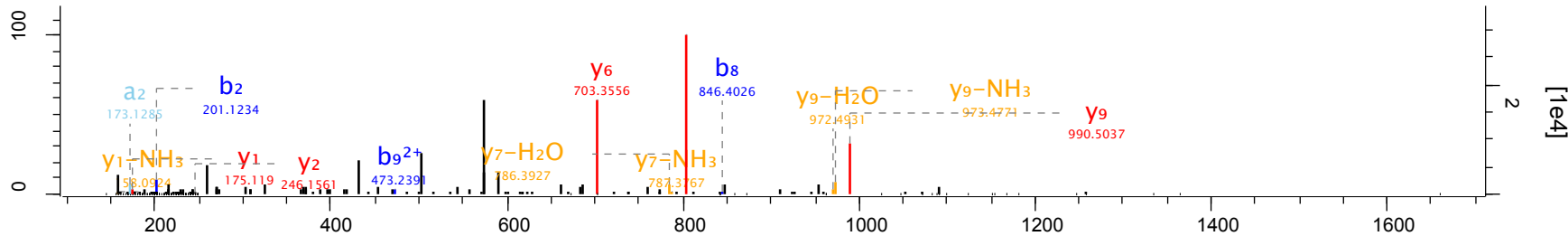
676.85

Gene names

SELK



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract15_dyn_5ul_C7_01_450	20476	TOF; CID	56.04	595.81	TENM4



Raw file

20140925_fract15_dyn_5ul_C7_01_450

Scan

20604

Method

TOF; CID

Score

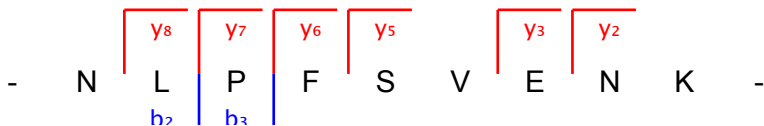
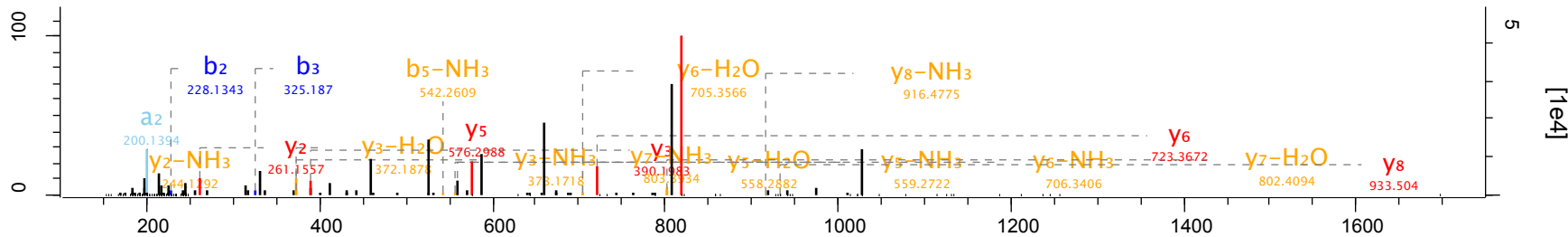
93.1

m/z

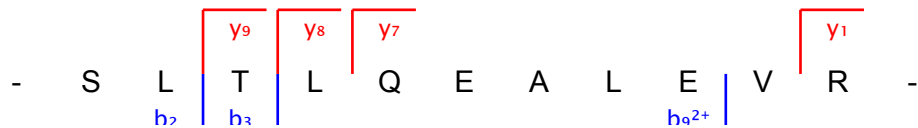
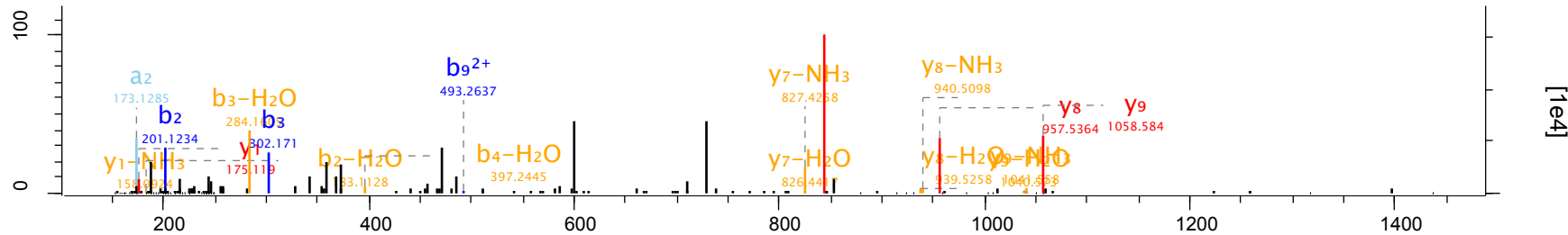
524.79

Gene names

COX7C



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract15_dyn_5ul_C7_01_450	27155	TOF; CID	96.14	629.85	C10orf90



Raw file

20140925_fract15_dyn_5ul_C7_01_450

Scan

29844

Method

TOF; CID

Score

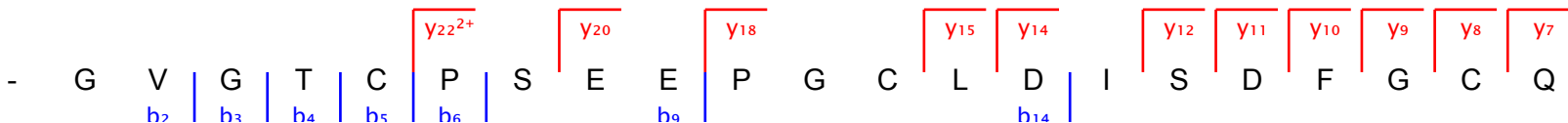
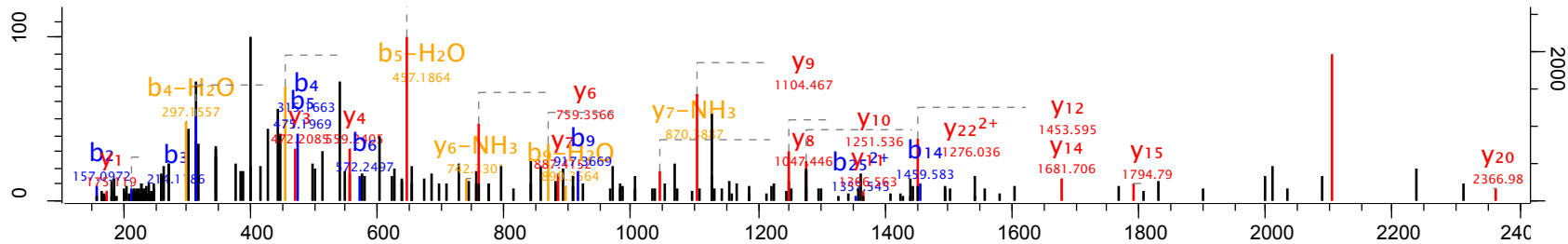
58.47

m/z

1009.43

Gene names

FAM199X



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract15_dyn_5ul_C7_01_450

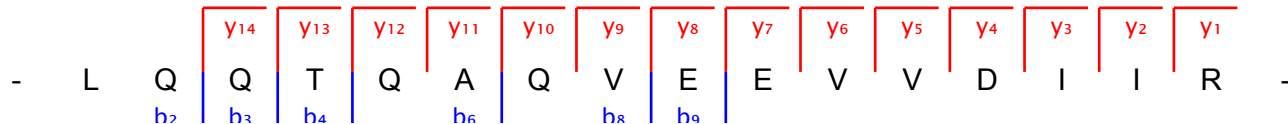
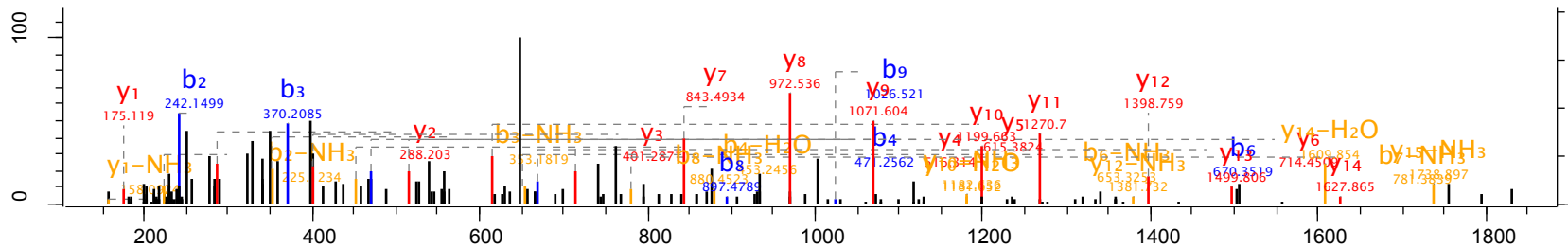
34494

TOF; CID

99.04

935.51

VAMP1



Raw file

20140925_fract15_dyn_5ul_C7_01_450

Scan

35763

Method

TOF; CID

Score

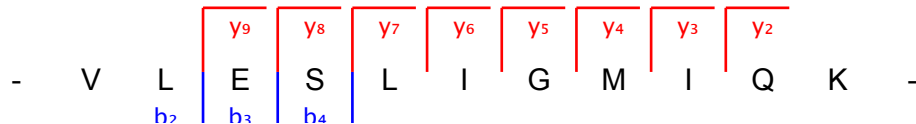
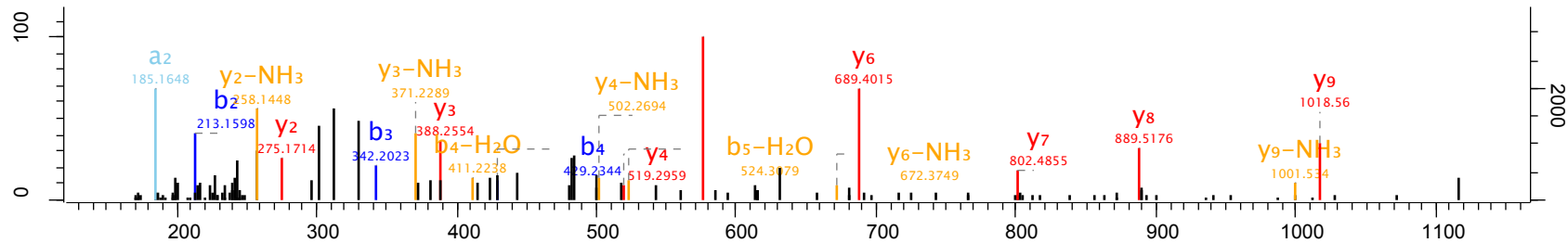
90.15

m/z

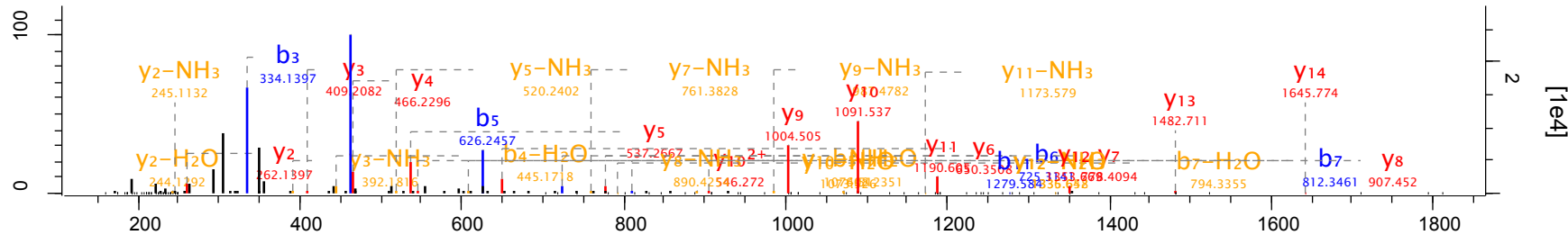
615.86

Gene names

ORAOV1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract15_dyn_5ul_C7_01_450	36672	TOF; CID	143.46	908.43	EPT1



ac	Y14	Y13	Y12	Y11	Y10	Y9	Y8	Y7	Y6	Y5	Y4	Y3	Y2				
-	A	G	Y	E	Y	V	S	P	E	Q	L	A	G	F	D	K	-
			b ₃	b ₄	b ₅	b ₆	b ₇			b ₁₁							

Raw file

20140925_fract15_dyn_5ul_C7_01_450

Scan

38479

Method

TOF; CID

Score

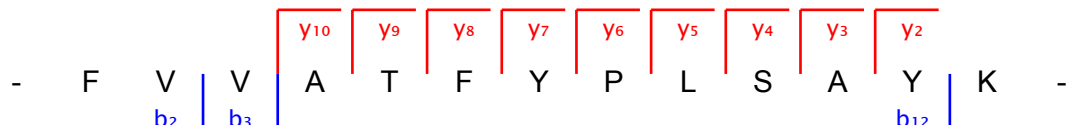
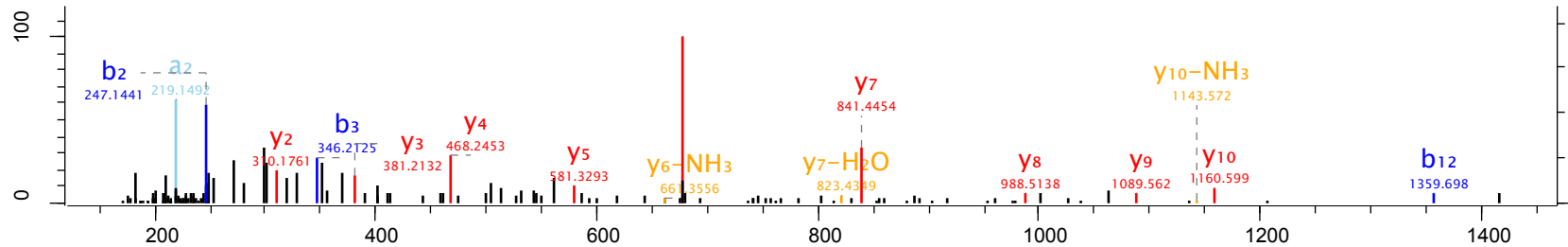
64.22

m/z

753.4

Gene names

UHMK1



Raw file

20140925_fract16_dyn_5ul_C8_01_451

Scan

9528

Method

TOF; CID

Score

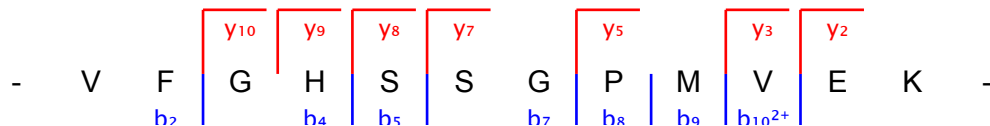
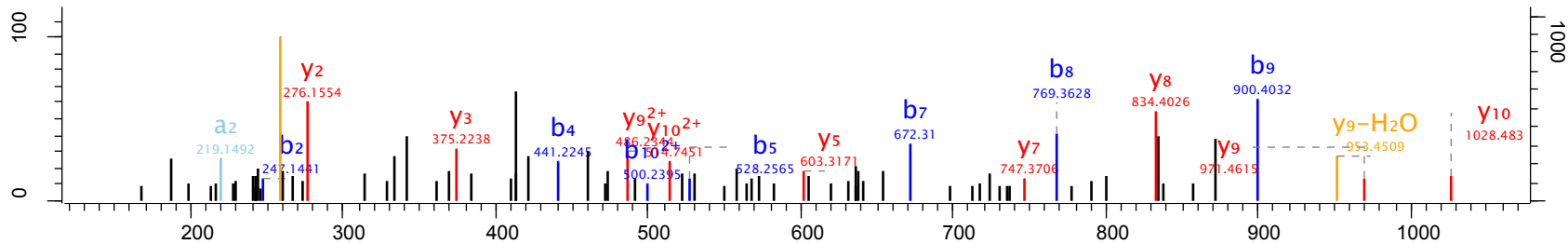
85.52

m/z

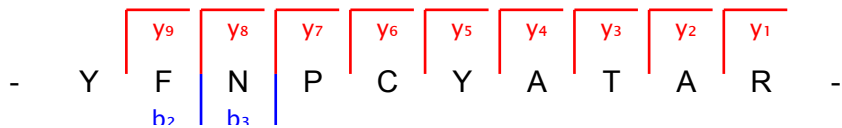
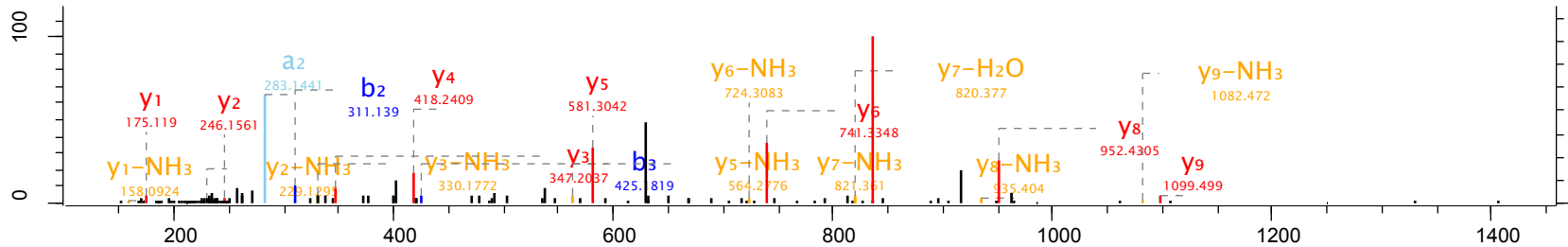
637.81

Gene names

FUNDC1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract16_dyn_5ul_C8_01_451	14904	TOF; CID	113.93	631.79	CRLS1



Raw file

Scan

Method

Score

m/z

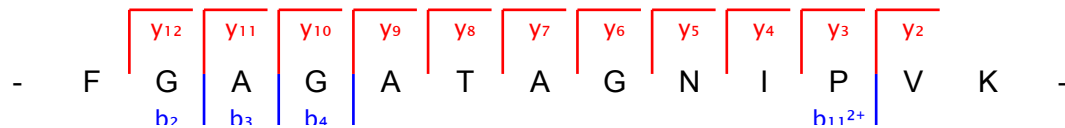
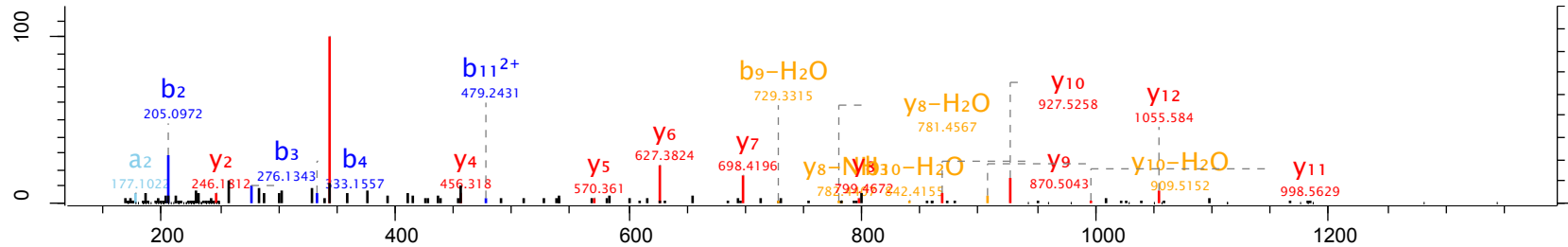
20140925_fract16_dyn_5ul_C8_01_451

15773

TOF; CID

70.54

601.83



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract16_dyn_5ul_C8_01_451

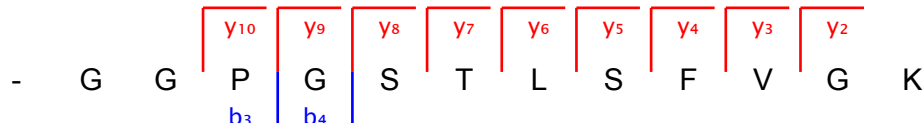
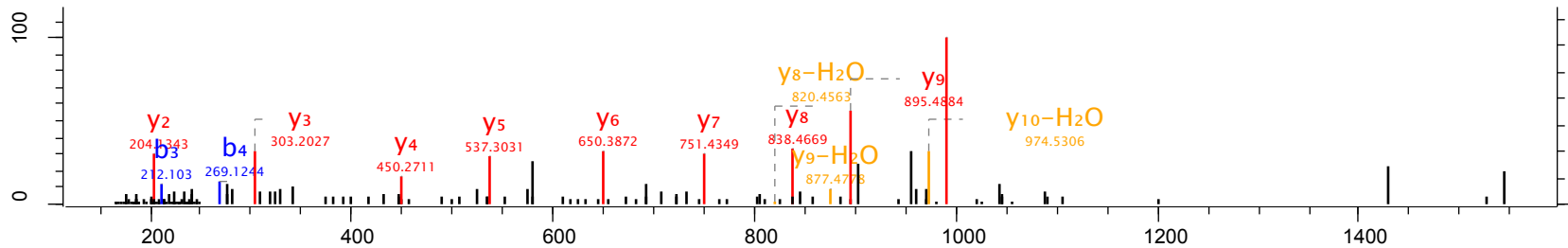
18234

TOF; CID

73.44

553.8

C19orf43



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract16_dyn_5ul_C8_01_451

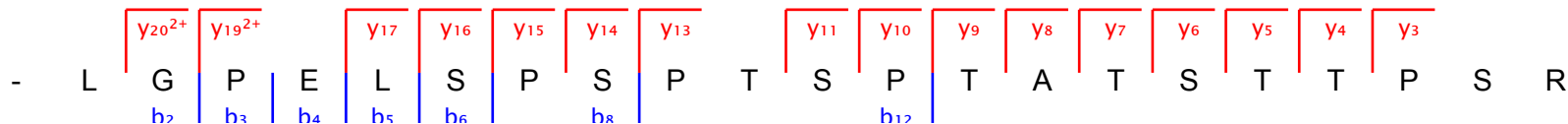
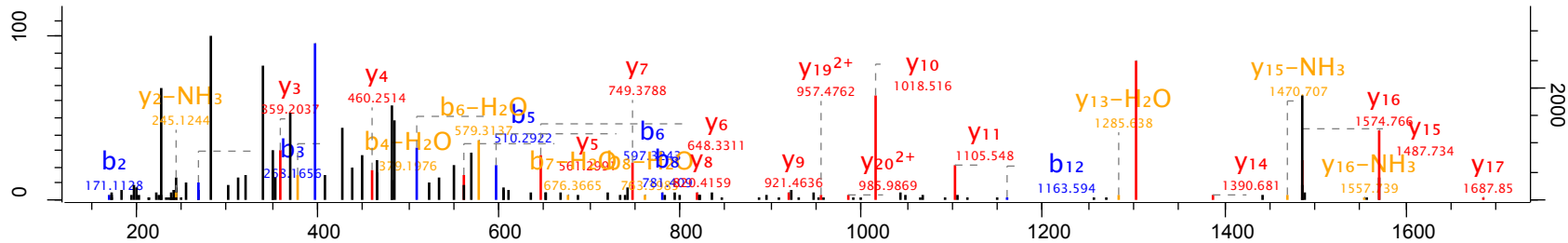
18592

TOF; CID

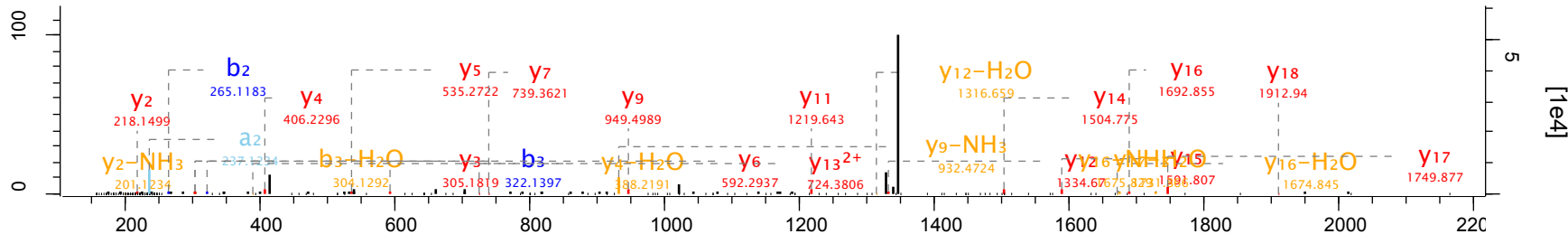
81.57

1043.03

ZFP36



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract16_dyn_5ul_C8_01_451	19513	TOF; CID	93.37	672.33	TMEM243



- T Y G T S G L D N R P L F G E T S A K -
 b₂ b₃

y₁₈ y₁₇ y₁₆ y₁₅ y₁₄ y₁₃²⁺ y₁₂ y₁₁ y₉ y₇ y₆ y₅ y₄ y₃ y₂

Raw file

20140925_fract16_dyn_5ul_C8_01_451

Scan

20857

Method

TOF; CID

Score

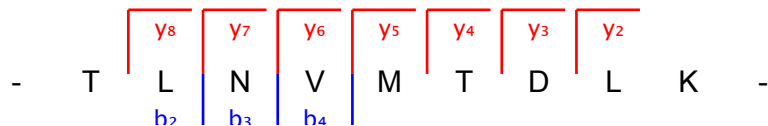
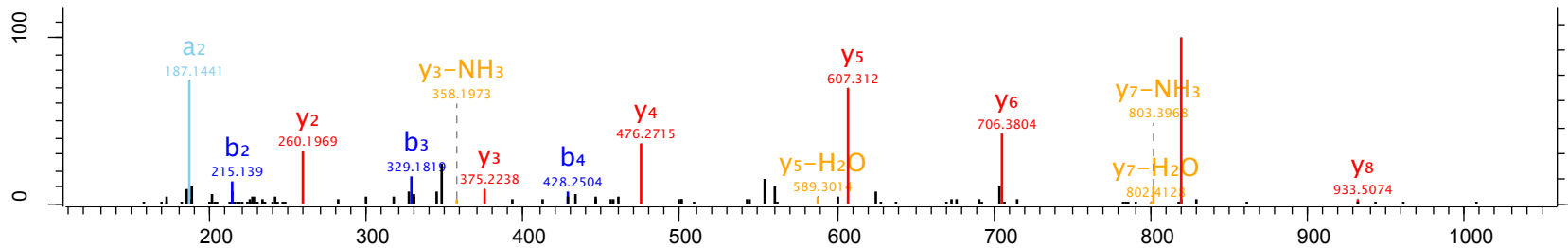
74.84

m/z

517.78

Gene names

TMEM18



Raw file

20140925_fract16_dyn_5ul_C8_01_451

Scan

24987

Method

TOF; CID

Score

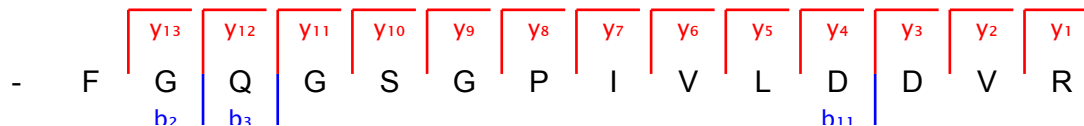
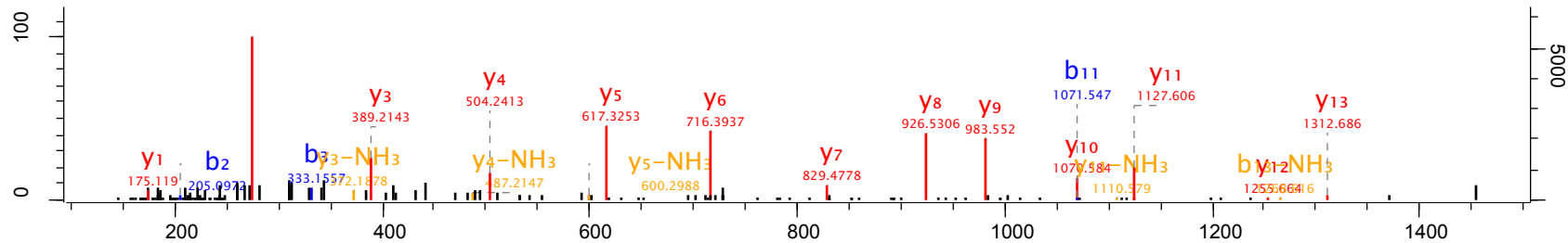
63.06

m/z

730.38

Gene names

DMBT1



Raw file

20140925_fract16_dyn_5ul_C8_01_451

Scan

25322

Method

TOF; CID

Score

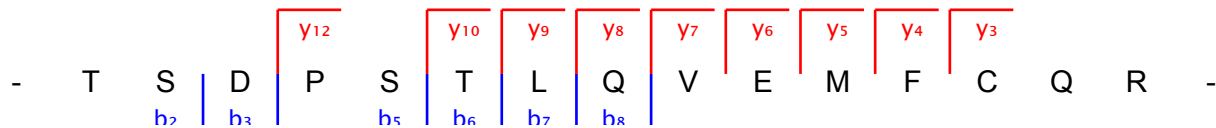
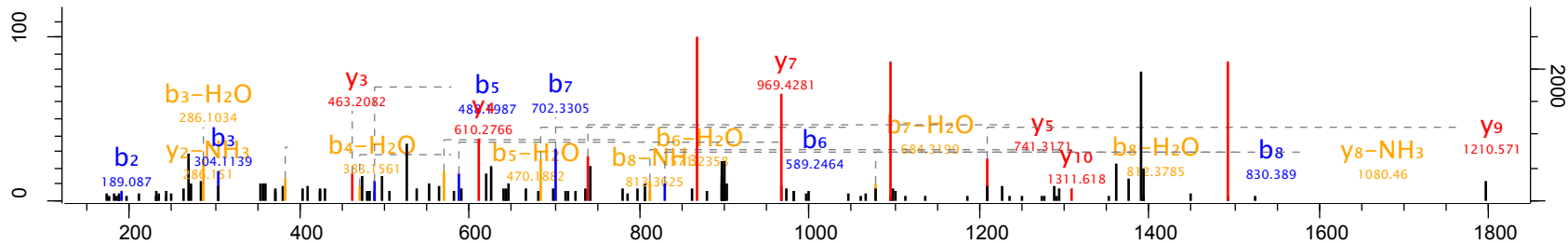
92.27

m/z

900.41

Gene names

RAET1E



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract16_dyn_5ul_C8_01_451

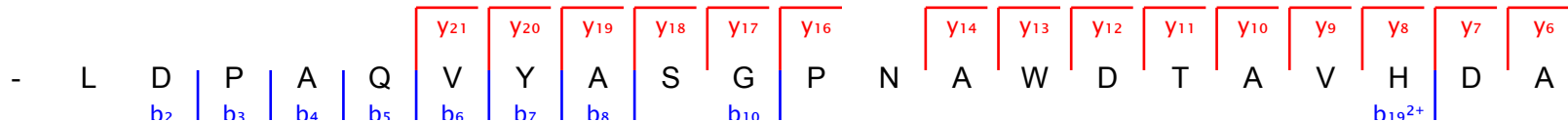
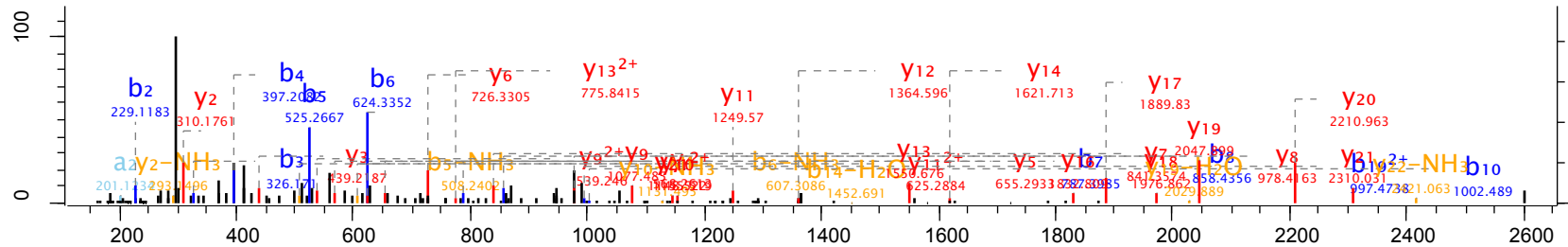
30967

TOF; CID

109.25

945.77

TMEM222



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract16_dyn_5ul_C8_01_451

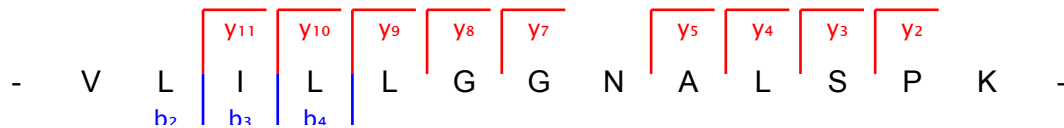
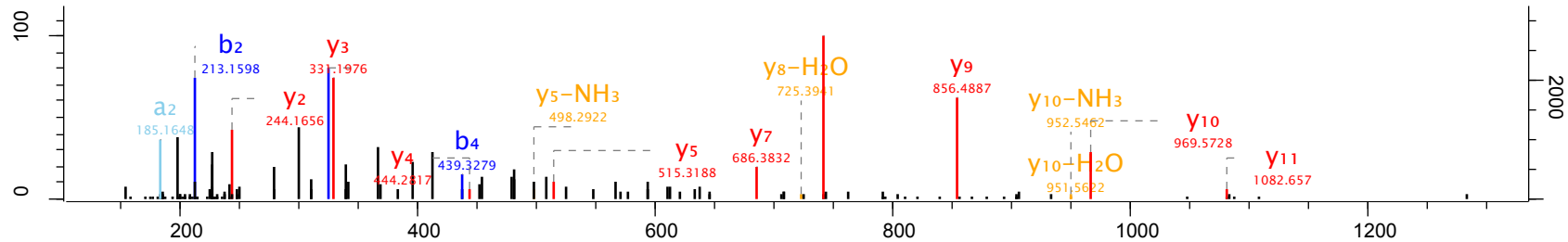
32372

TOF; CID

66.99

647.91

MAD2L1BP



Raw file

20140925_fract16_dyn_5ul_C8_01_451

Scan

36437

Method

TOF; CID

Score

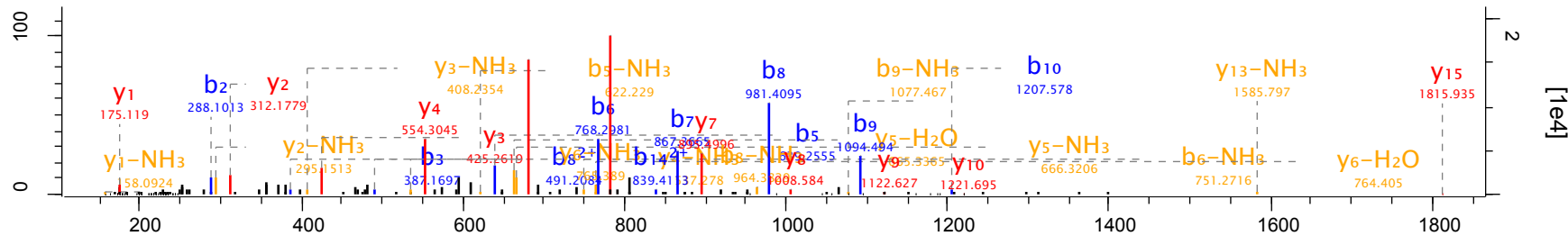
138.91

m/z

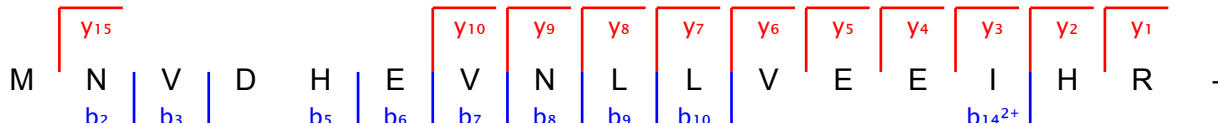
664

Gene names

ABRACL



ac



Raw file

20140925_fract16_dyn_5ul_C8_01_451

Scan

37296

Method

TOF; CID

Score

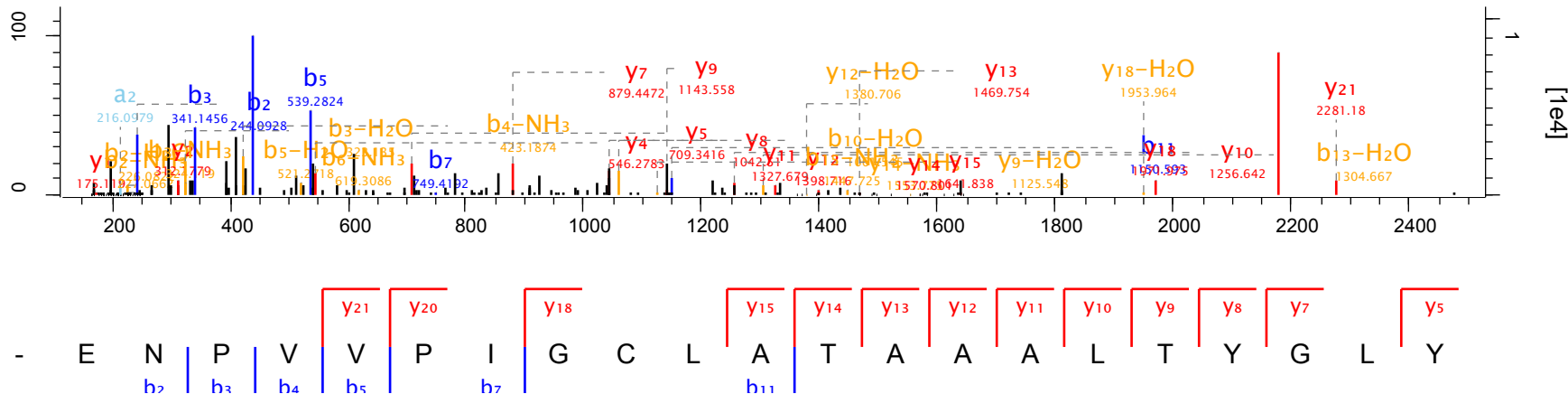
70.11

m/z

907.81

Gene names

HIGD2A



Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

9066

Method

TOF; CID

Score

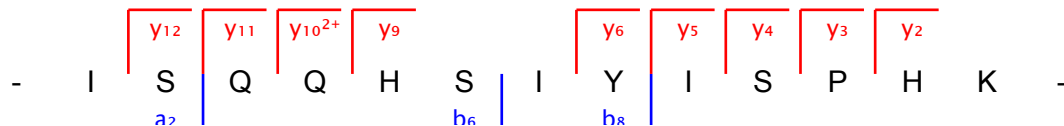
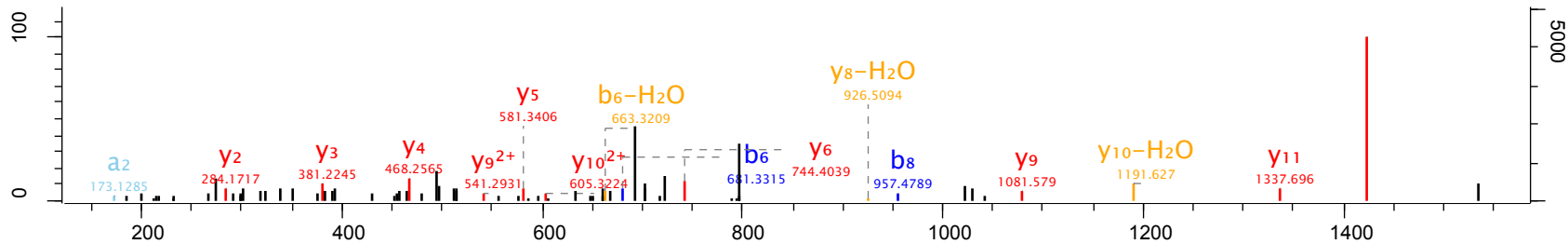
46.28

m/z

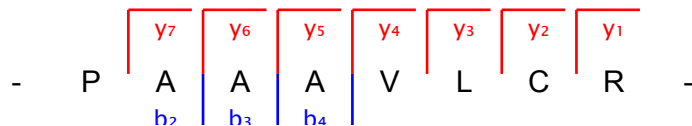
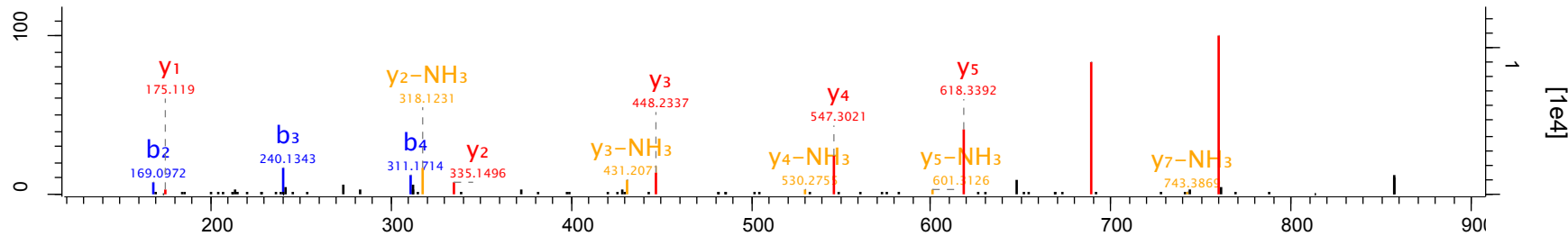
513.27

Gene names

RBL1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract17_dyn_5ul_H1_01_452	9341	TOF; CID	120.65	429.74	SLC46A1



Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

12167

Method

TOF; CID

Score

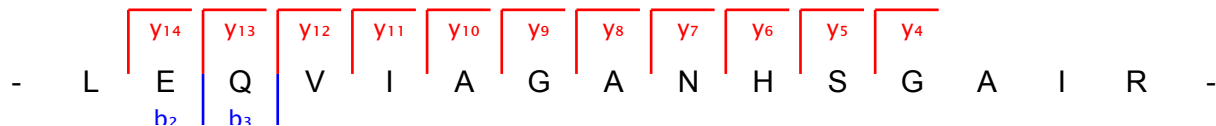
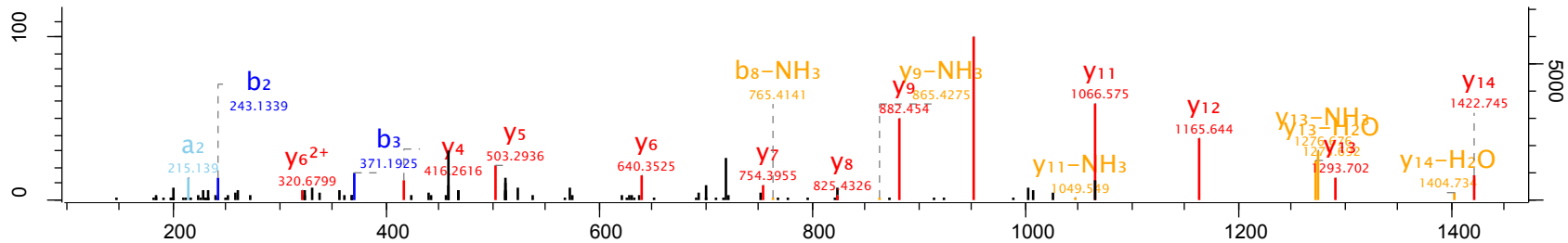
96.67

m/z

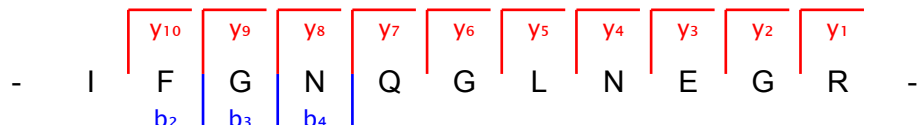
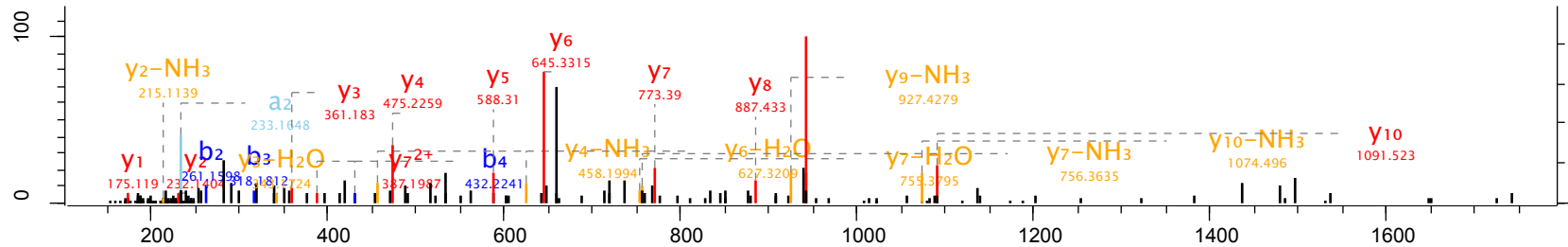
512.61

Gene names

PNMA1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract17_dyn_5ul_H1_01_452	13149	TOF; CID	86.46	602.81	OTUD3



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract17_dyn_5ul_H1_01_452

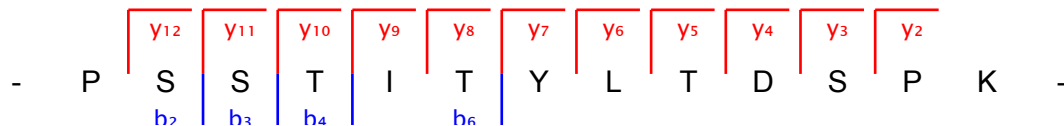
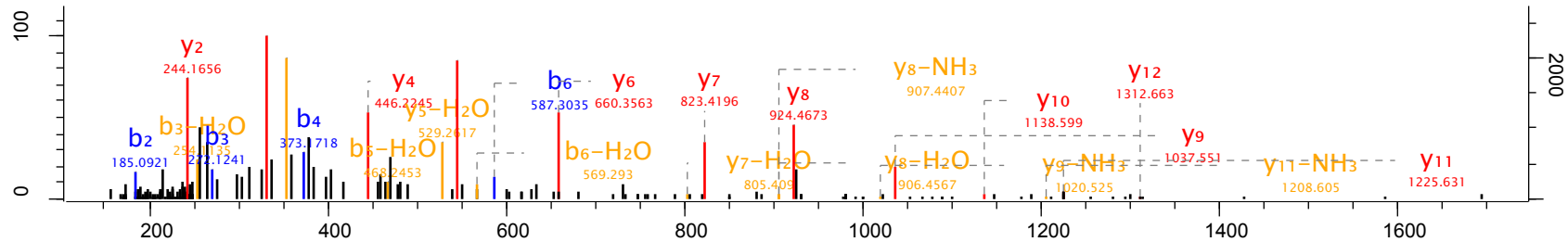
18506

TOF; CID

104.81

705.36

TMEM69



Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

19014

Method

TOF; CID

Score

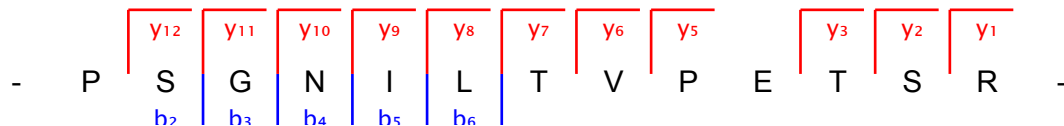
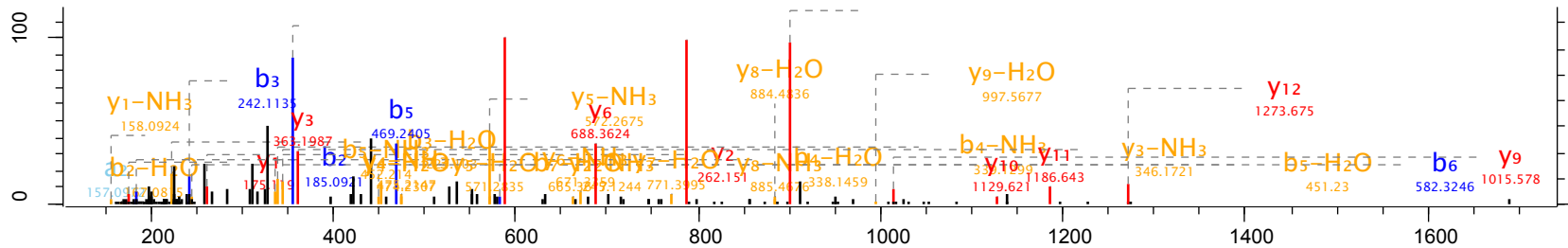
109.47

m/z

685.87

Gene names

KDM6A



Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

19441

Method

TOF; CID

Score

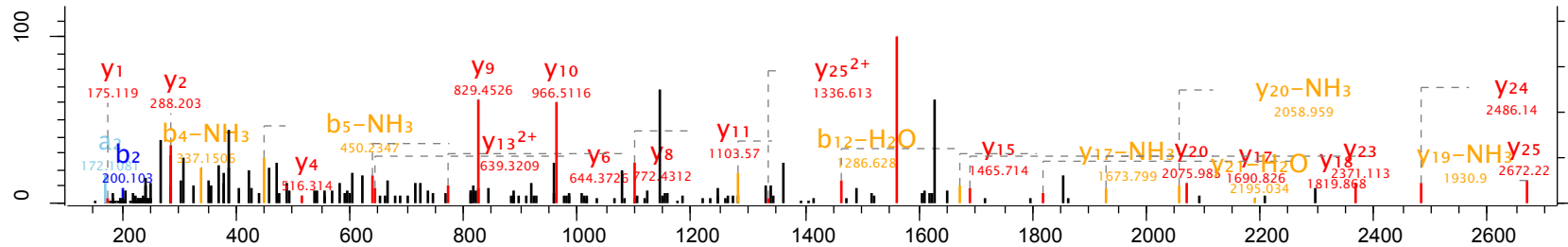
42.71

m/z

813.9

Gene names

BAD



- Q A P G L L W D A S H Q Q E Q P T S S S H
 |
 b₂

y₂₅ y₂₄ y₂₃ y₂₀ y₁₈ y₁₇ y₁₆ y₁₅ y₁₃²⁺ y₁₁

Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

20775

Method

TOF; CID

Score

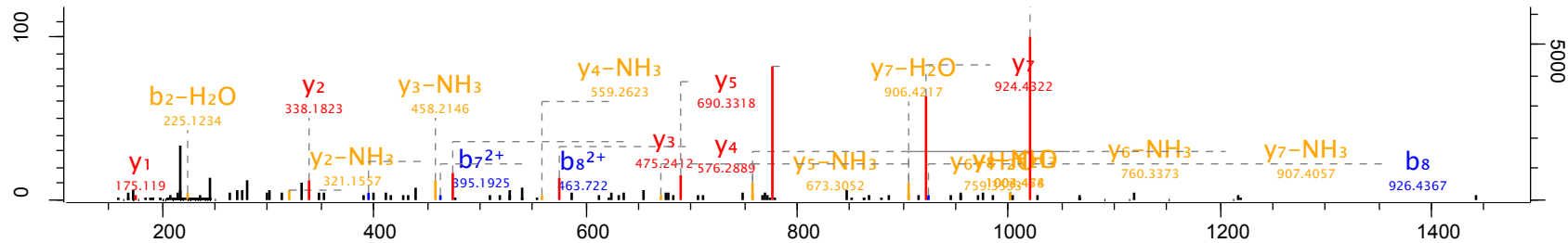
104.39

m/z

632.31

Gene names

SPA17



ac

- S I P F S N T H Y R -
 y8 y7 y6 y5 y4 y3 y2 y1
 b7²⁺ b8

Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

23179

Method

TOF; CID

Score

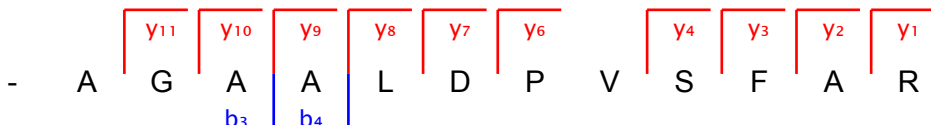
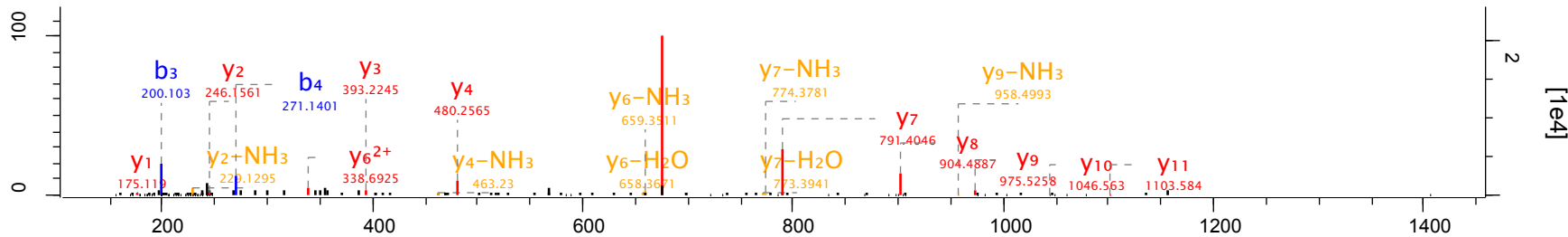
80.69

m/z

587.82

Gene names

SYNGR3



Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

23260

Method

TOF; CID

Score

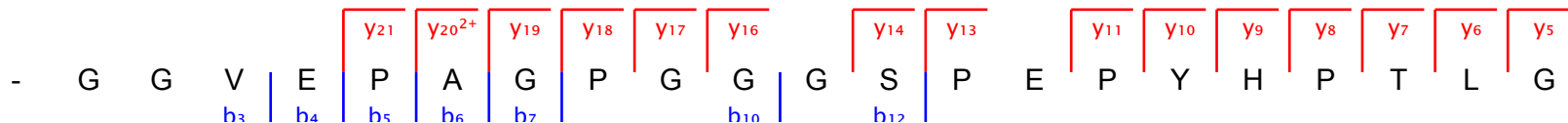
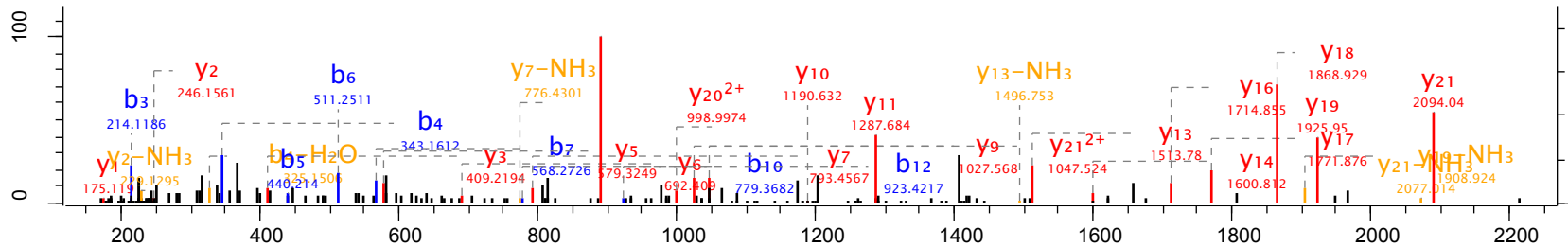
99.45

m/z

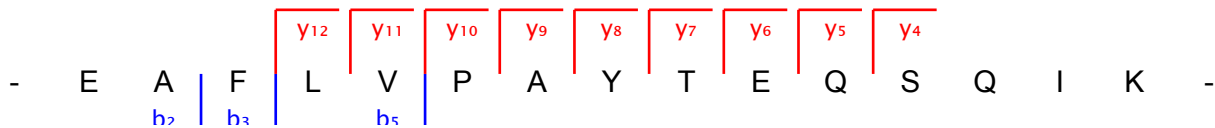
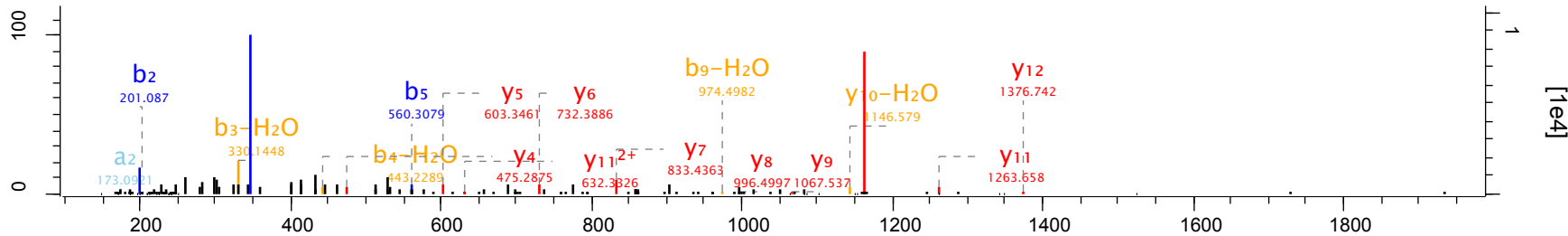
813.07

Gene names

LHFPL2



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract17_dyn_5ul_H1_01_452	27140	TOF; CID	60.55	862.45	PSENN



Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

29034

Method

TOF; CID

Score

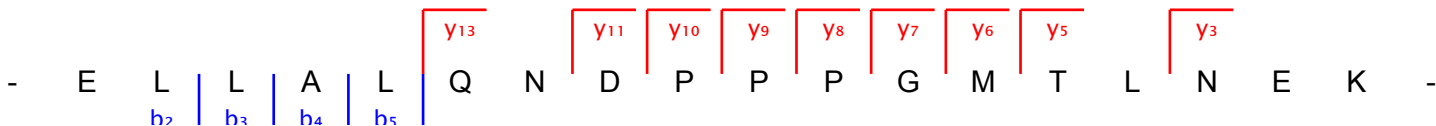
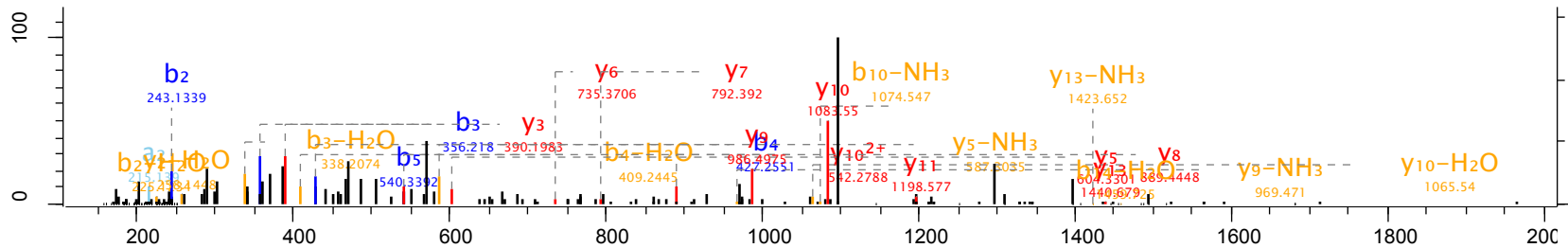
54.76

m/z

991.01

Gene names

UBE2W



Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

32819

Method

TOF; CID

Score

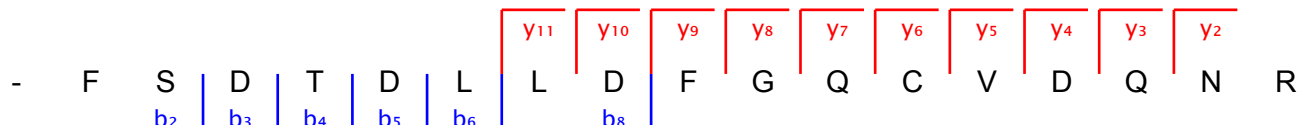
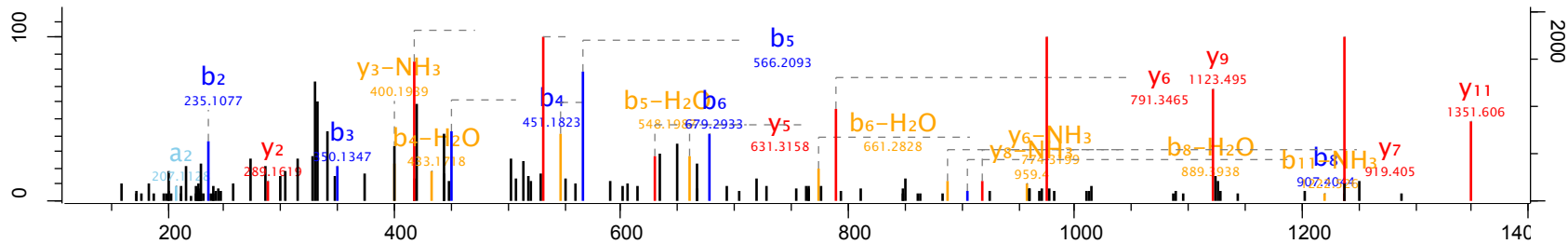
79.84

m/z

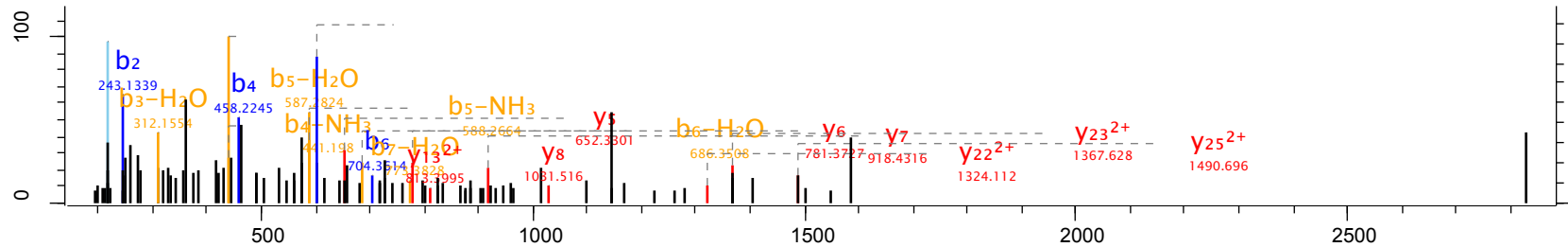
1015.45

Gene names

NPL



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract17_dyn_5ul_H1_01_452	34843	TOF; CID	41.48	1146.88	SWI5



Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

36344

Method

TOF; CID

Score

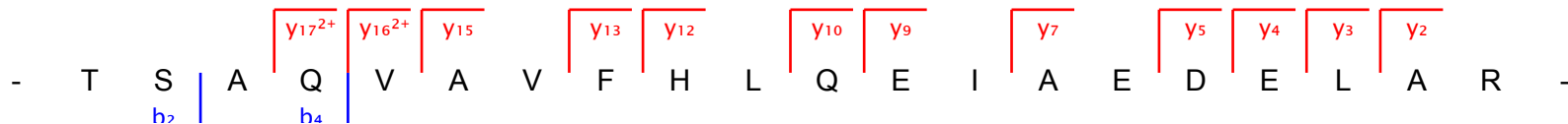
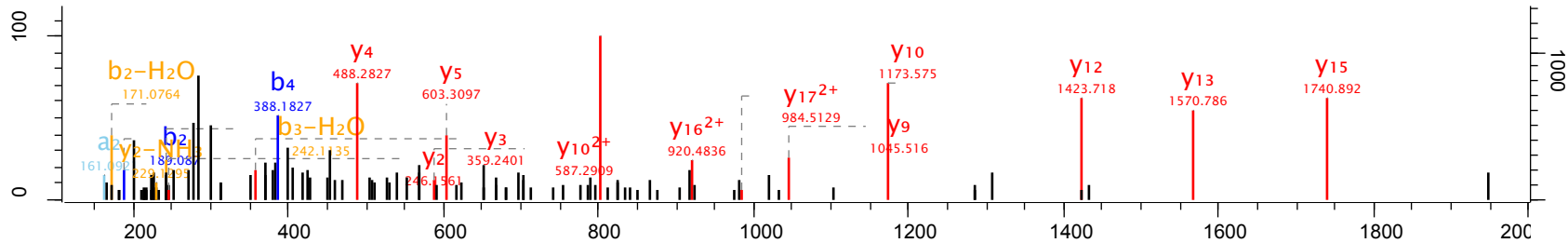
39.83

m/z

743.39

Gene names

ZNF512B



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract18_dyn_5ul_H2_01_453

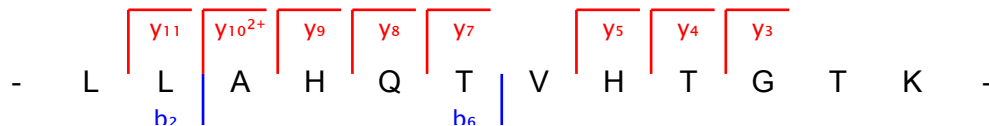
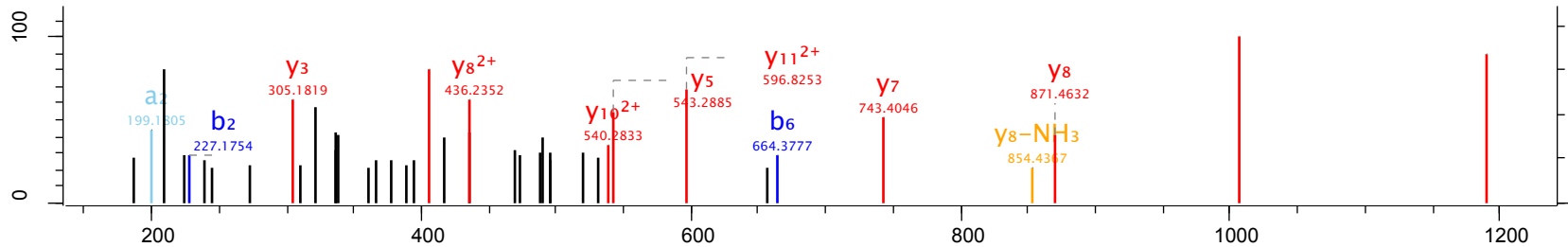
5019

TOF; CID

72.29

436.25

ZNF707



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract18_dyn_5ul_H2_01_453

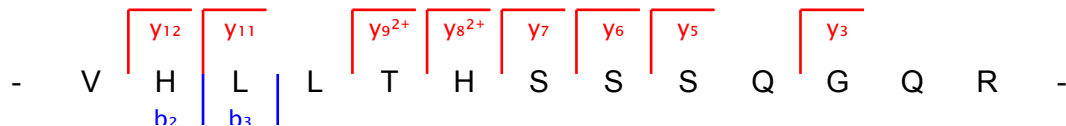
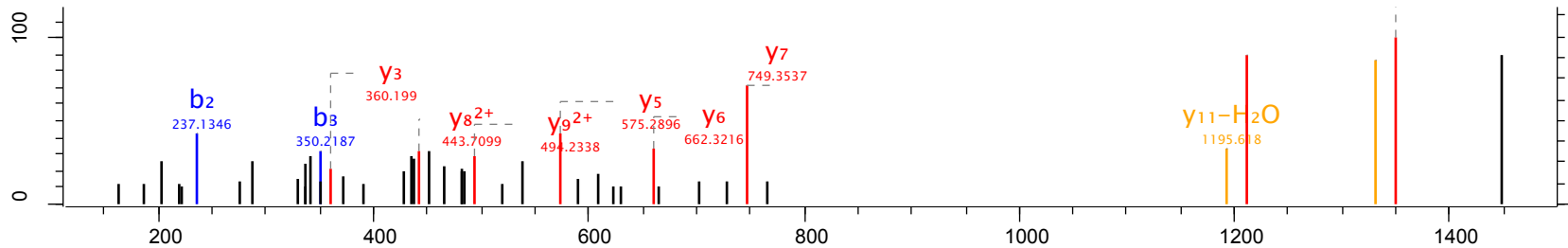
5714

TOF; CID

55.26

483.92

ZXDB



Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

6526

Method

TOF; CID

Score

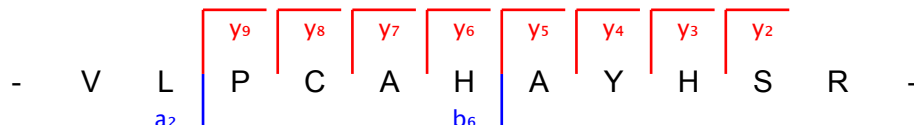
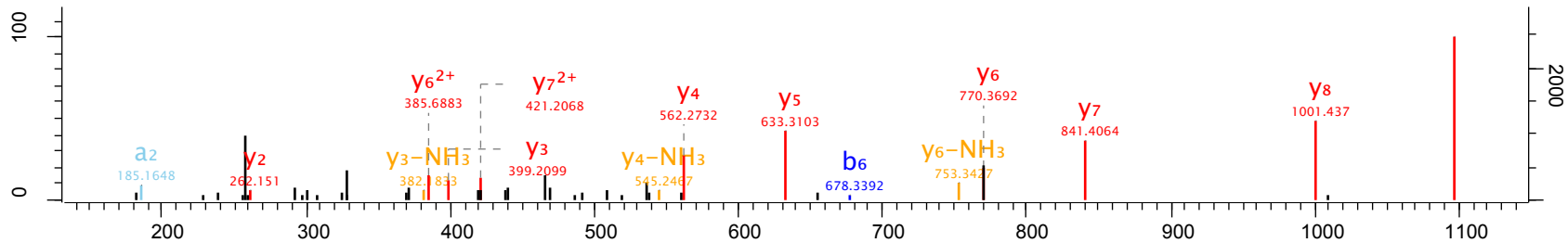
84.51

m/z

655.83

Gene names

RNF167



Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

8990

Method

TOF; CID

Score

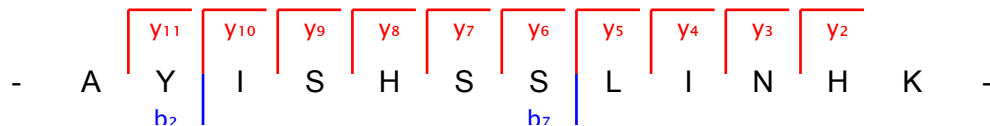
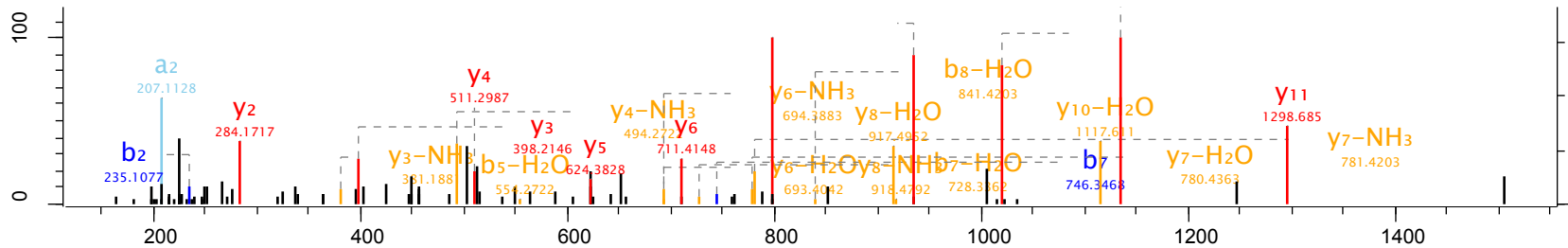
123.67

m/z

457.24

Gene names

ZFP62



Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

11106

Method

TOF; CID

Score

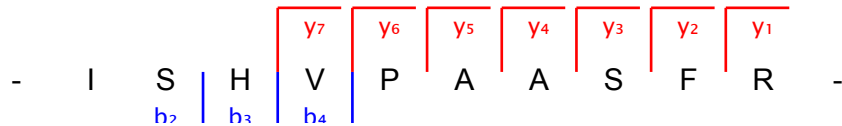
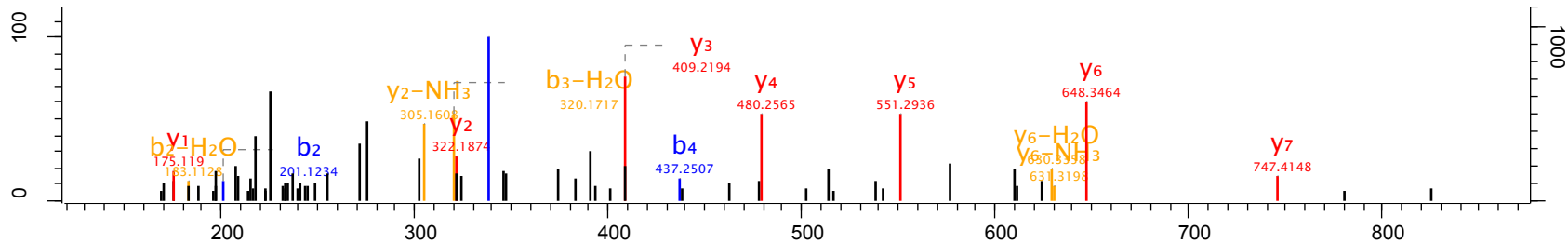
63.32

m/z

362.2

Gene names

RTN4R



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract18_dyn_5ul_H2_01_453

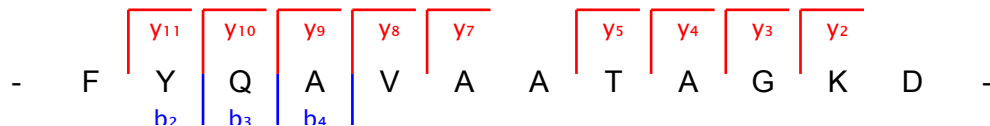
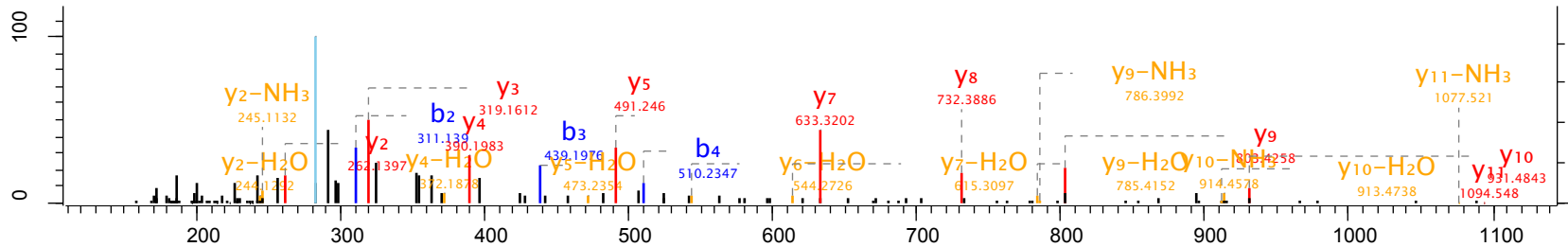
12108

TOF; CID

89.19

621.31

C14orf119



Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

14821

Method

TOF; CID

Score

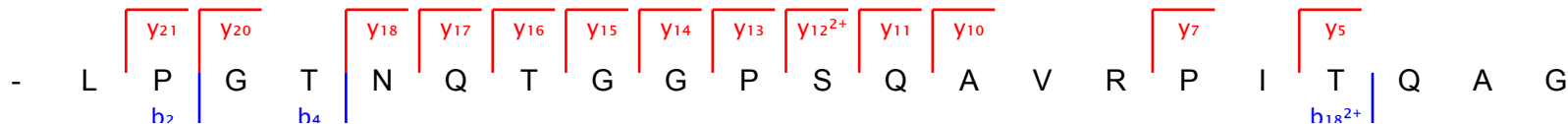
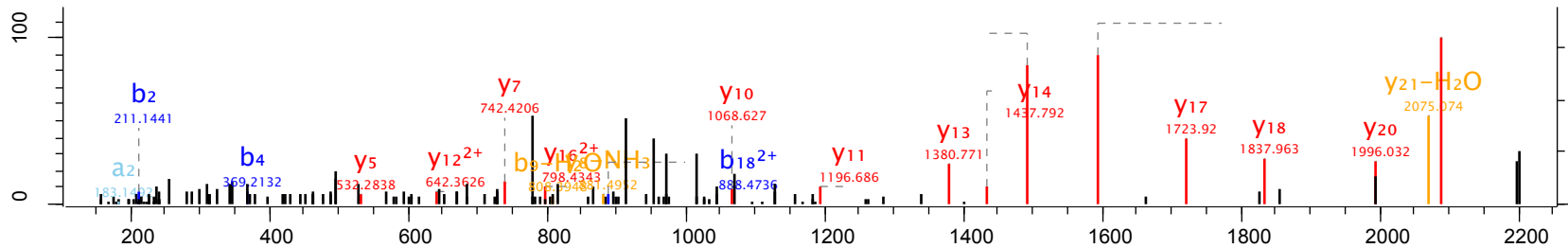
44.86

m/z

736.06

Gene names

TTC8



Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

15116

Method

TOF; CID

Score

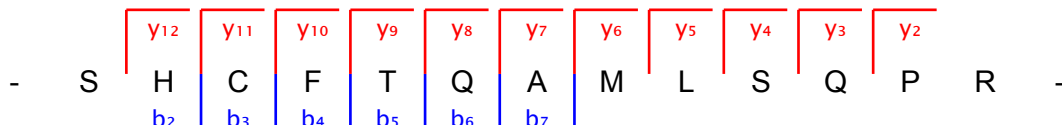
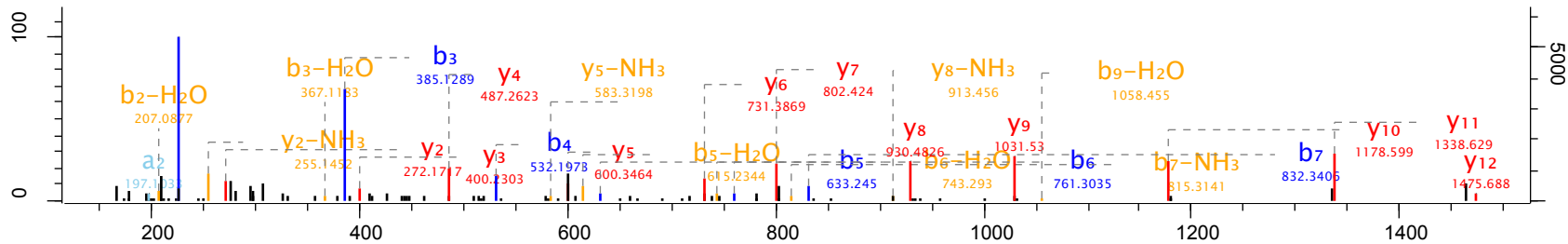
111.12

m/z

781.86

Gene names

PEMT



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract18_dyn_5ul_H2_01_453

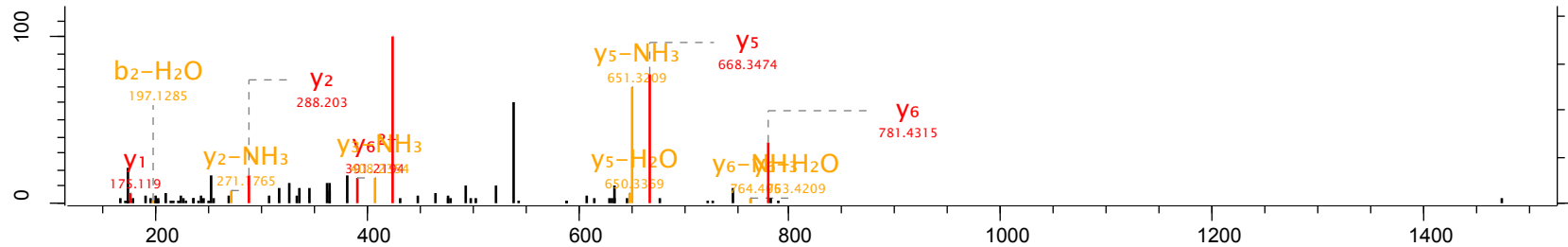
15973

TOF; CID

81.3

365.55

ATAT1



- I T V L D Q H L R -

Fragmentation patterns are indicated by red brackets above the amino acid sequence, showing the following assignments:

- y_6 is associated with the L-D peptide.
- y_5 is associated with the D-Q peptide.
- y_3 is associated with the H-L peptide.
- y_2 is associated with the L-R peptide.
- y_1 is associated with the R peptide.

Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

17699

Method

TOF; CID

Score

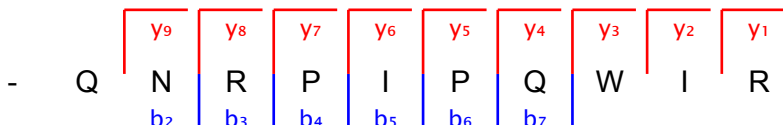
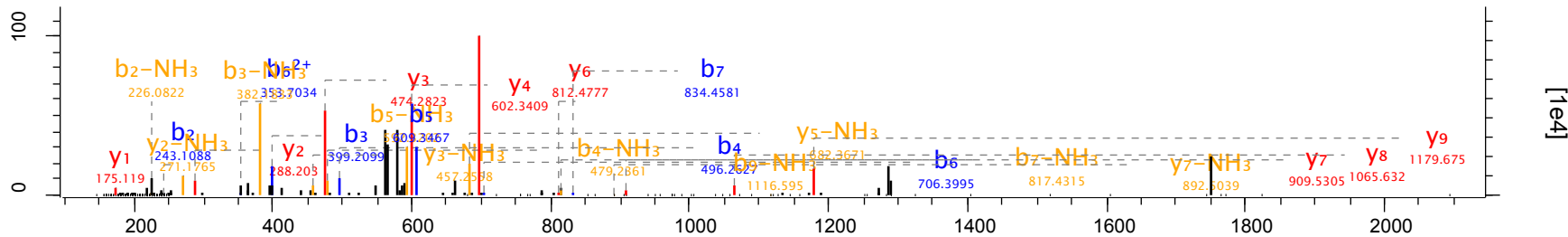
157.99

m/z

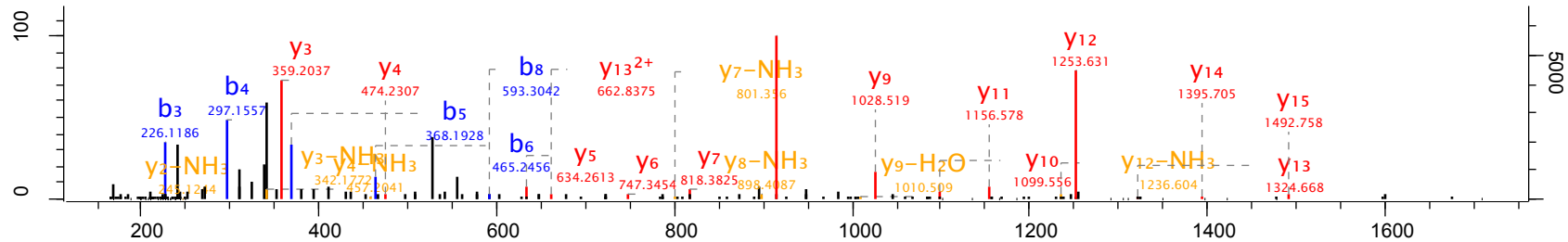
436.58

Gene names

RPL39;RPL39P5



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract18_dyn_5ul_H2_01_453	22779	TOF; CID	78.08	810.91	MFSD1



- G A P A A P G A L P A L C D P S R -
 b₃ b₄ b₅ b₆ b₈
 y₁₅ y₁₄ y₁₃ y₁₂ y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₅ y₄ y₃

Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

23605

Method

TOF; CID

Score

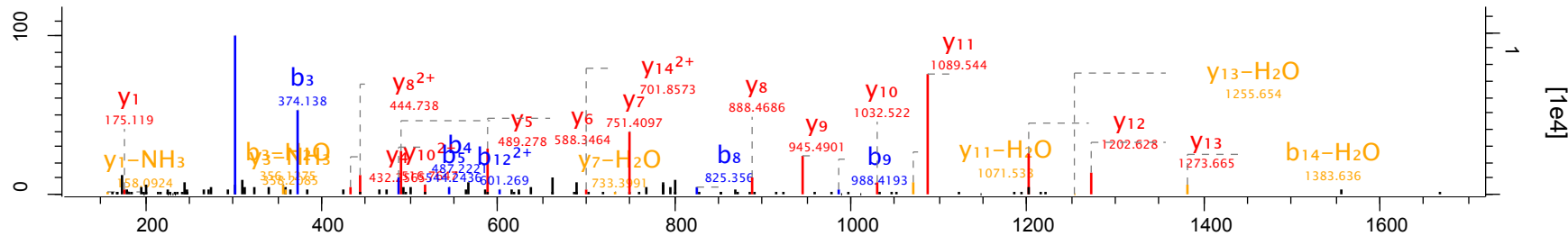
106.3

m/z

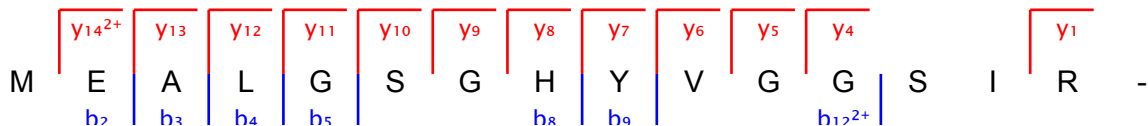
788.38

Gene names

SMIM10



ac



Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

24761

Method

TOF; CID

Score

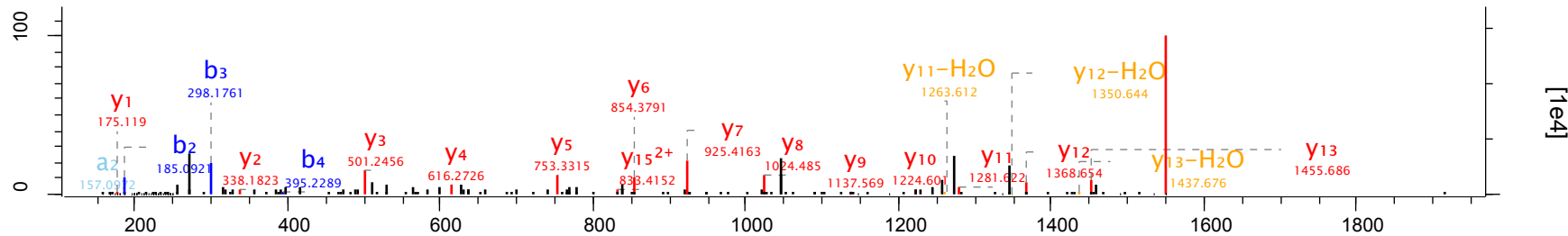
55.44

m/z

925.46

Gene names

PPDPF



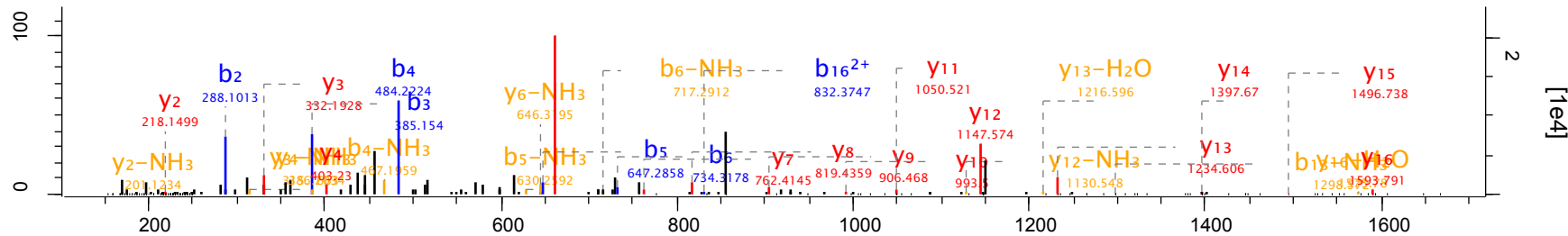
ac

- A A I P S S G S L V A T H D Y Y R -

b2 b3 b4

y15 2+ y14 y13 y12 y11 y10 y9 y8 y7 y6 y5 y4 y3 y2 y1

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract18_dyn_5ul_H2_01_453	26144	TOF; CID	106.28	941.45	FAM168B

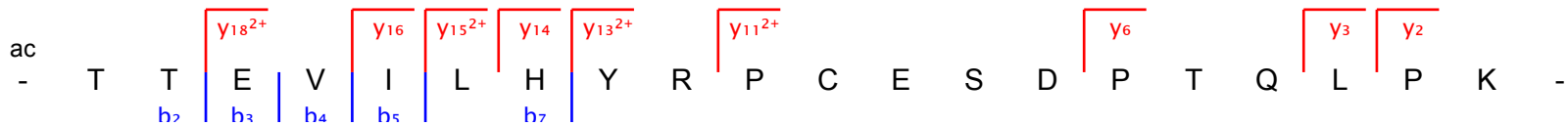
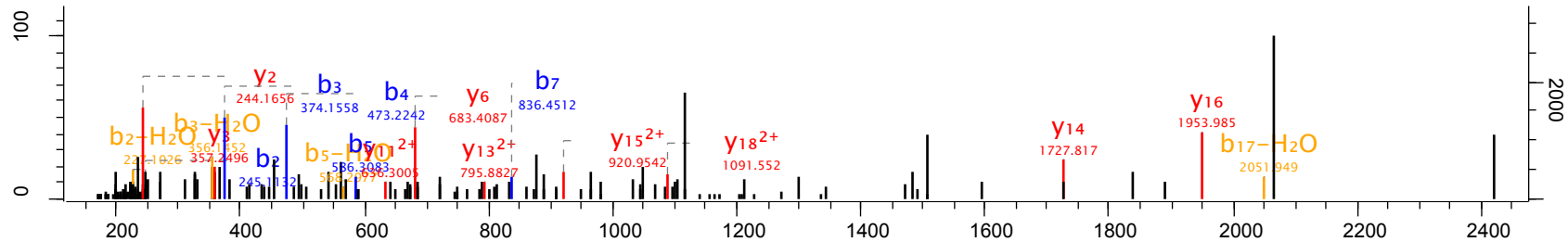


ac

- M N P V Y S P G S S G V P Y A N A K -

b₂ b₃ b₄ b₅ b₆ y₁₆ y₁₅ y₁₄ y₁₃ y₁₂ y₁₁ y₁₀ y₉ y₈ y₇ y₆ b₁₆²⁺ y₄ y₃ y₂

Raw file	Scan	Method	Score	m/z
20140925_fract18_dyn_5ul_H2_01_453	26801	TOF; CID	55.44	809.4



Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

27740

Method

TOF; CID

Score

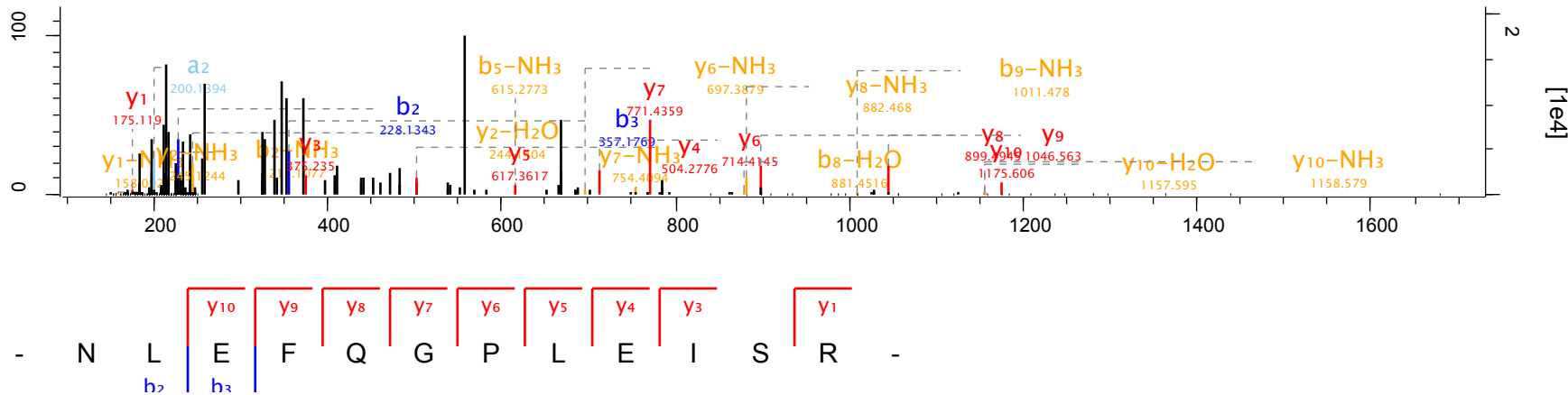
61.42

m/z

702.37

Gene names

VPS37C



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract18_dyn_5ul_H2_01_453

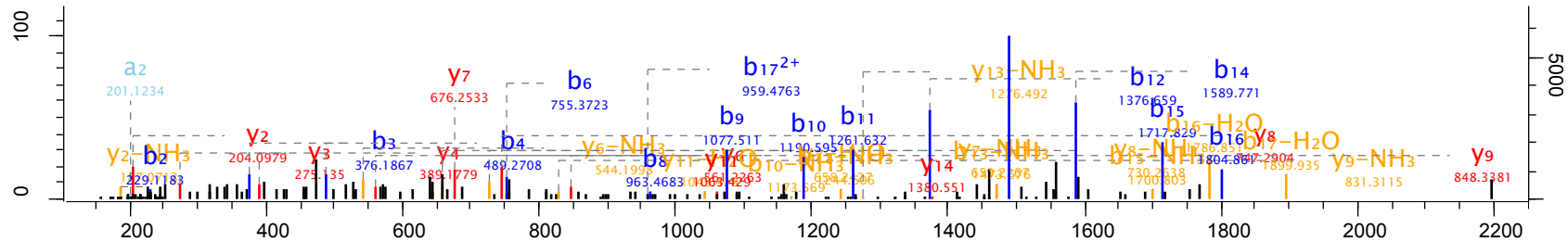
28949

TOF; CID

81.77

1100.51

CEBPG



- D L F L E H A H N L A D N V Q S I S T E N

b₂
b₃
b₄
b₆
b₈
b₉
b₁₀
b₁₁
b₁₂
b₁₃
b₁₄
b₁₅
b₁₆
b₁₇²⁺
y₁₄
y₁₁

Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

30058

Method

TOF; CID

Score

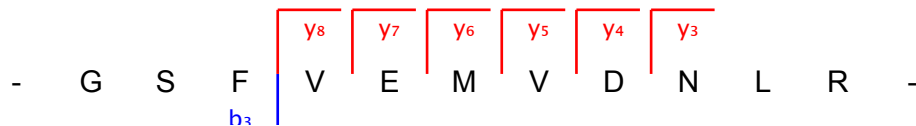
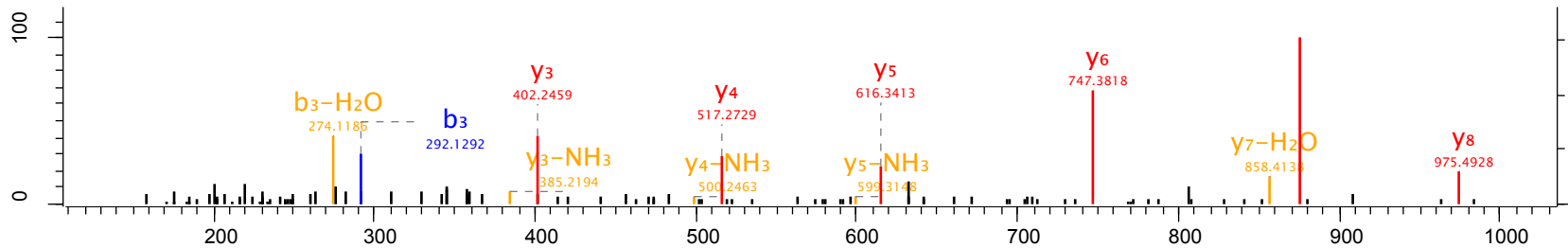
62.47

m/z

633.81

Gene names

BACE1



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract18_dyn_5ul_H2_01_453

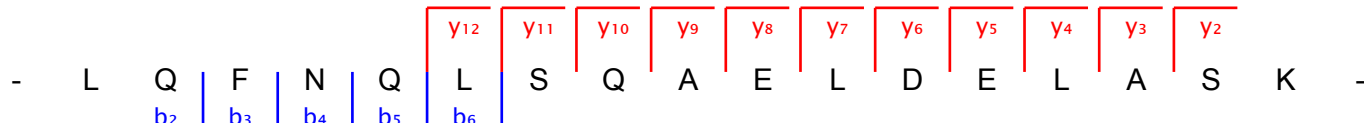
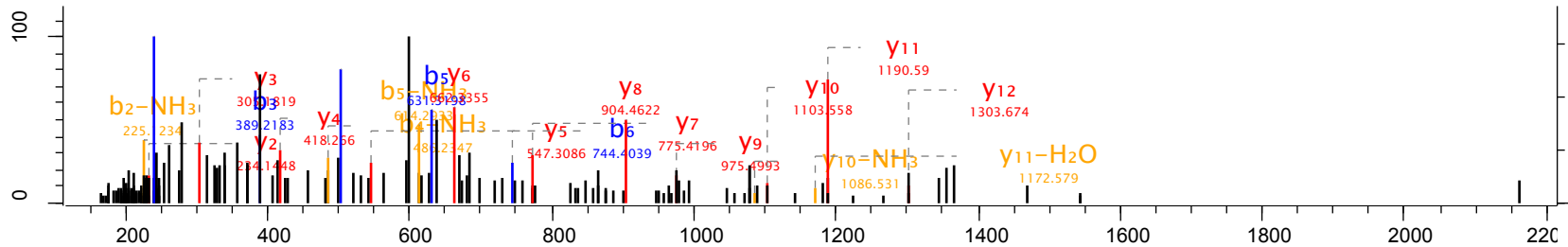
32290

TOF; CID

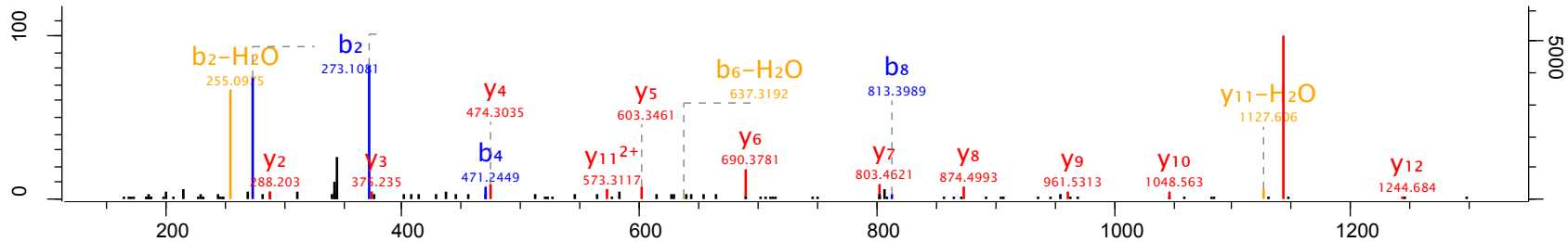
77.22

968

EFHC1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract18_dyn_5ul_H2_01_453	33602	TOF; CID	77.75	808.43	NAA60



ac

- T E V V P S S A L S E V S L R -

b₂ | b₃ | b₄ | b₈

y₁₂ | y₁₁ | y₁₀ | y₉ | y₈ | y₇ | y₆ | y₅ | y₄ | y₃ | y₂

Raw file

20140925_fract19_dyn_5ul_H3_01_454

Scan

6187

Method

TOF; CID

Score

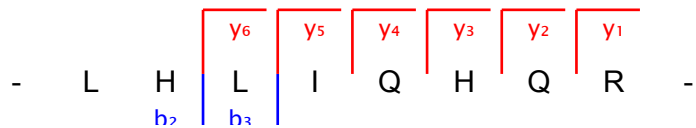
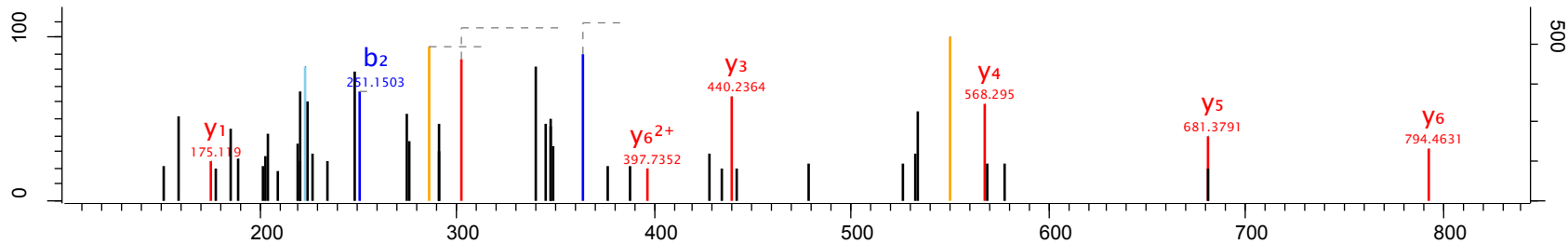
79.12

m/z

348.87

Gene names

ZNF12



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract19_dyn_5ul_H3_01_454

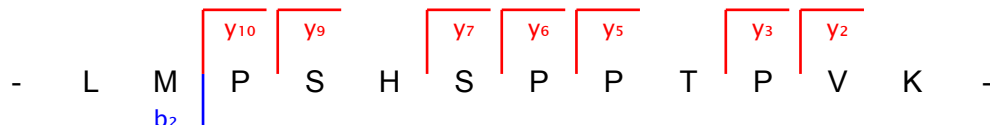
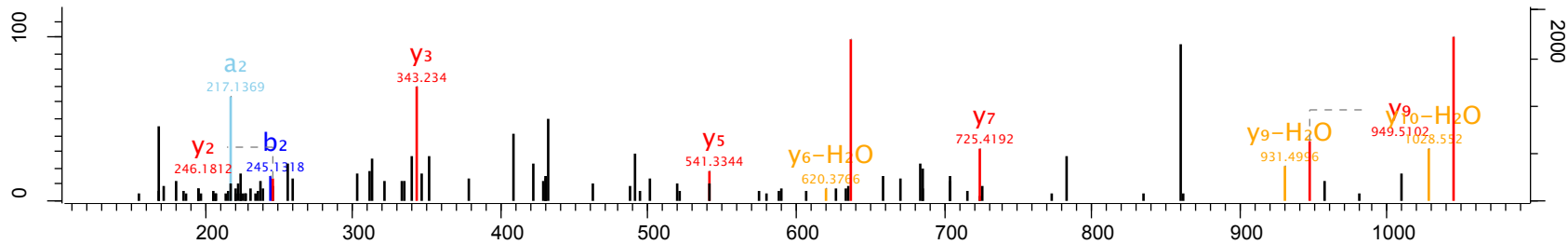
9959

TOF; CID

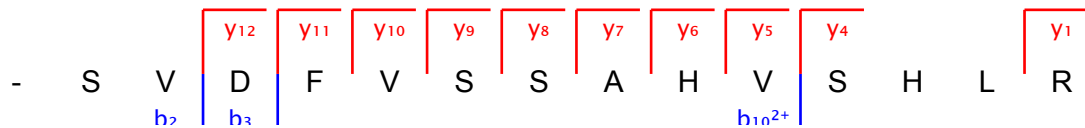
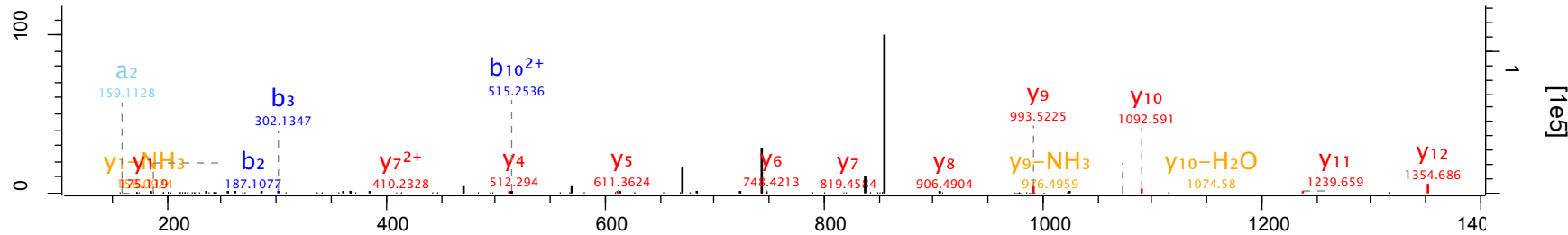
49.45

431.23

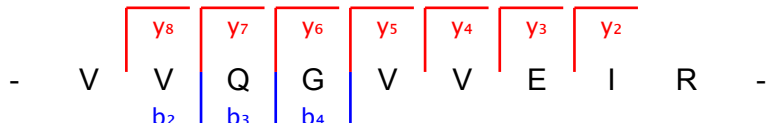
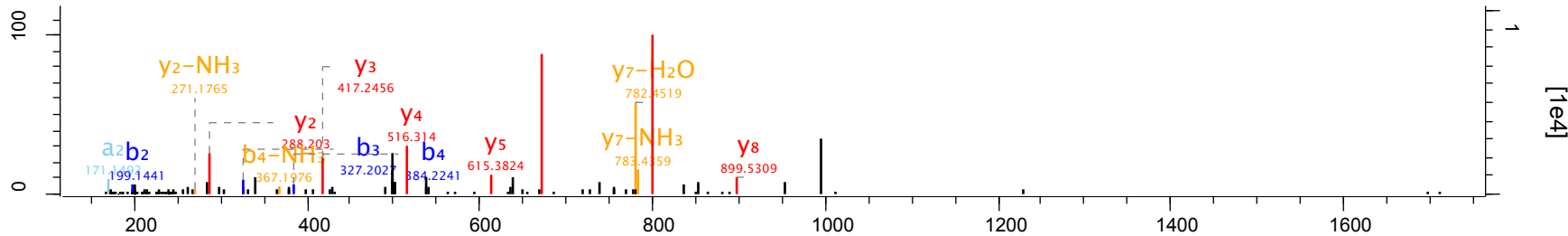
C6orf136



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract19_dyn_5ul_H3_01_454	14659	TOF; CID	49.19	514.27	TMEM53



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract19_dyn_5ul_H3_01_454	15075	TOF; CID	90.15	499.8	DNAJB14



Raw file

20140925_fract19_dyn_5ul_H3_01_454

Scan

17579

Method

TOF; CID

Score

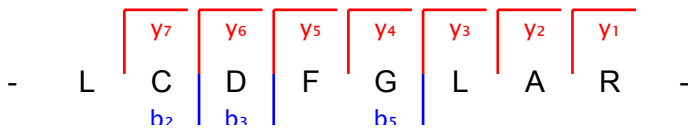
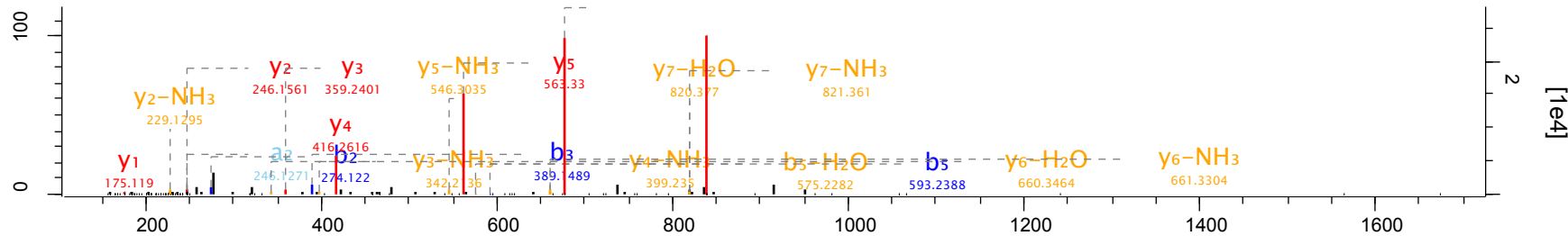
152.47

m/z

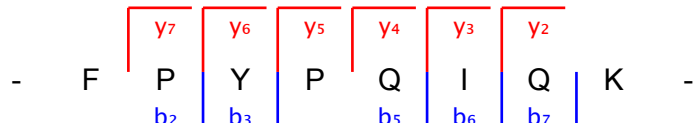
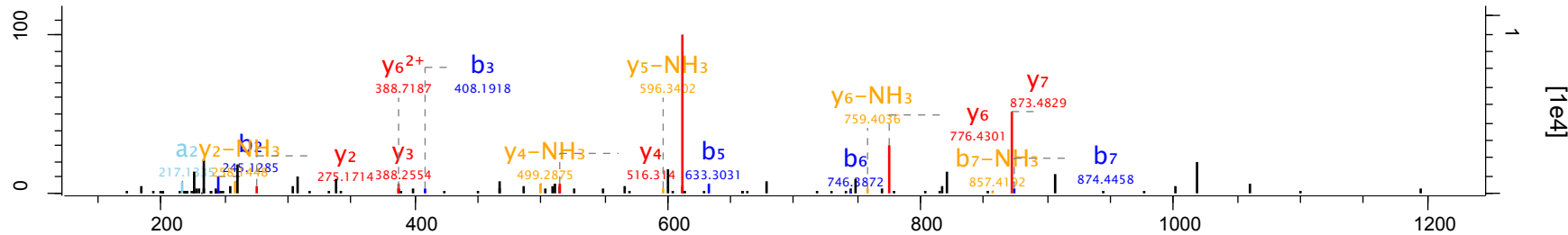
476.24

Gene names

MAPK15



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract19_dyn_5ul_H3_01_454	18392	TOF; CID	130.04	510.78	MAP2K5



Raw file

20140925_fract19_dyn_5ul_H3_01_454

Scan

18582

Method

TOF; CID

Score

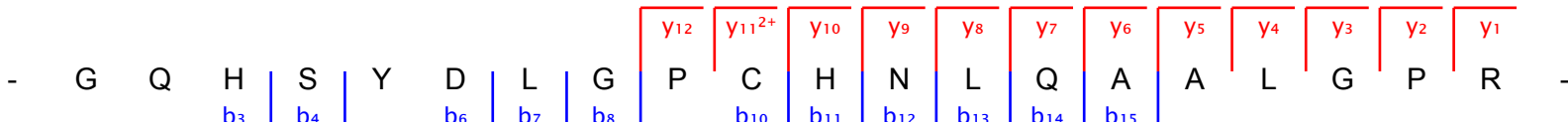
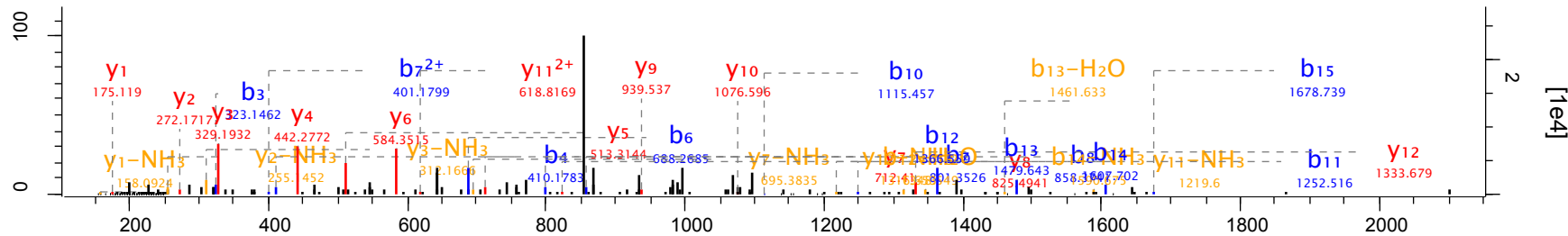
93.5

m/z

548.52

Gene names

ZDHHC24



Raw file

20140925_fract19_dyn_5ul_H3_01_454

Scan

20773

Method

TOF; CID

Score

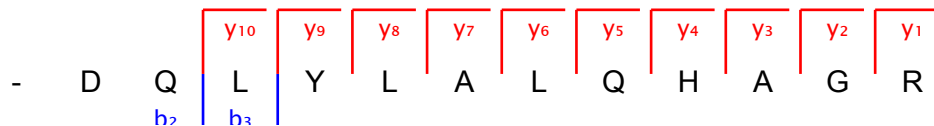
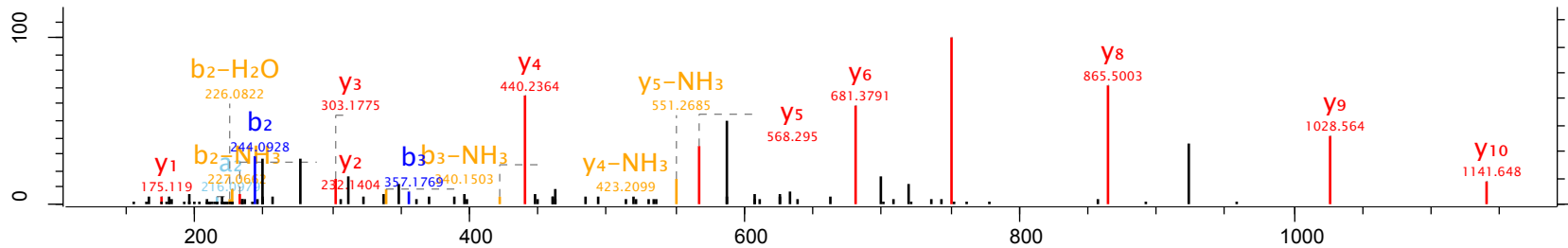
63.47

m/z

462.25

Gene names

EFCAB7



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract19_dyn_5ul_H3_01_454

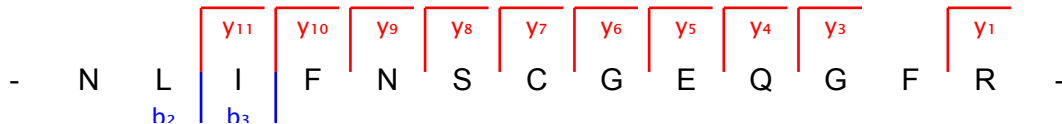
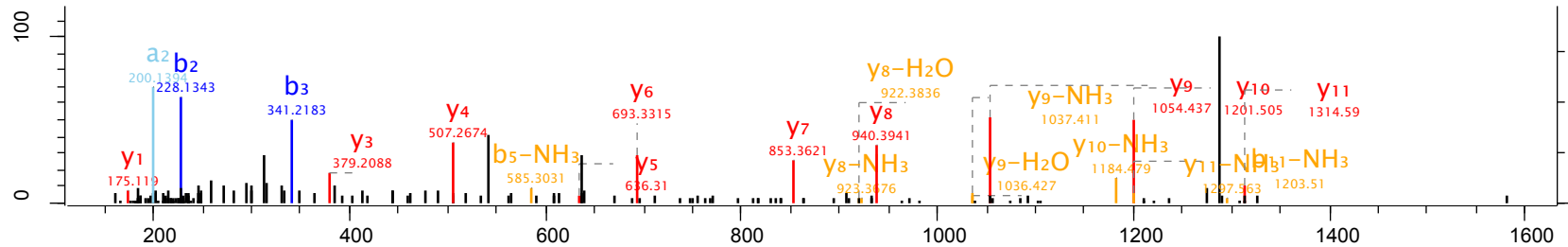
23464

TOF; CID

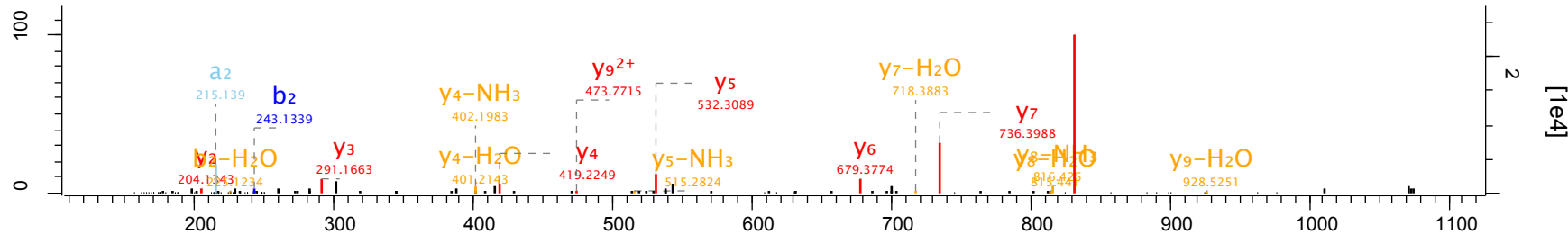
73.93

771.36

FBXO17



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract19_dyn_5ul_H3_01_454	24558	TOF; CID	74.53	538.29	S100P



- E L P G F L Q S G K -

Fragmentation diagram showing the sequence of amino acids: E, L, P, G, F, L, Q, S, G, K. The L, P, G, F, L, Q, S, and G residues are grouped by red brackets above them, labeled y₉²⁺, y₈, y₇, y₆, y₅, y₄, y₃, and y₂ respectively. A blue bracket below the L residue is labeled b₂.

Raw file

20140925_fract19_dyn_5ul_H3_01_454

Scan

26432

Method

TOF; CID

Score

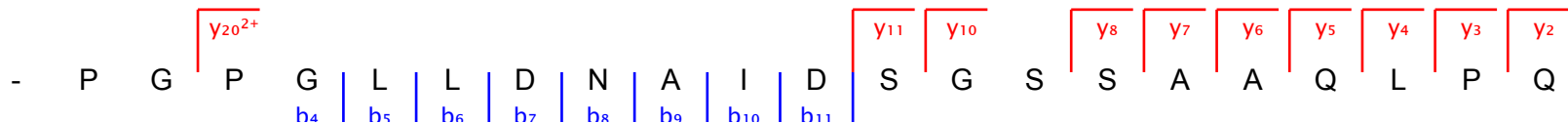
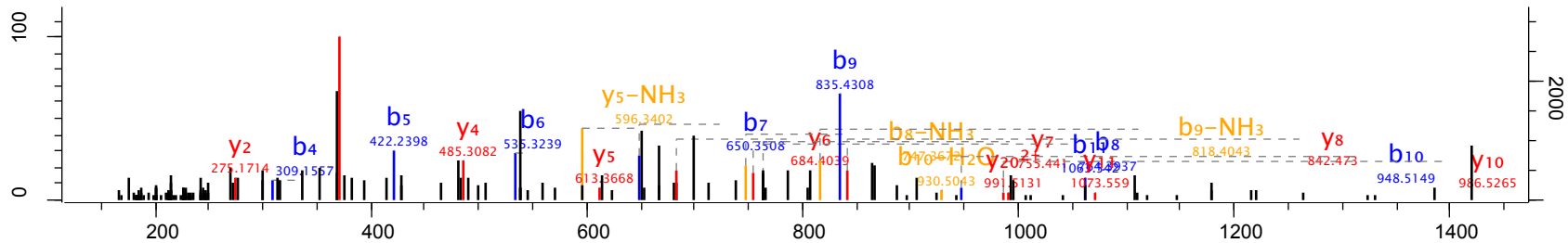
42.64

m/z

712.7

Gene names

SDC3



Raw file

20140925_fract19_dyn_5ul_H3_01_454

Scan

33397

Method

TOF; CID

Score

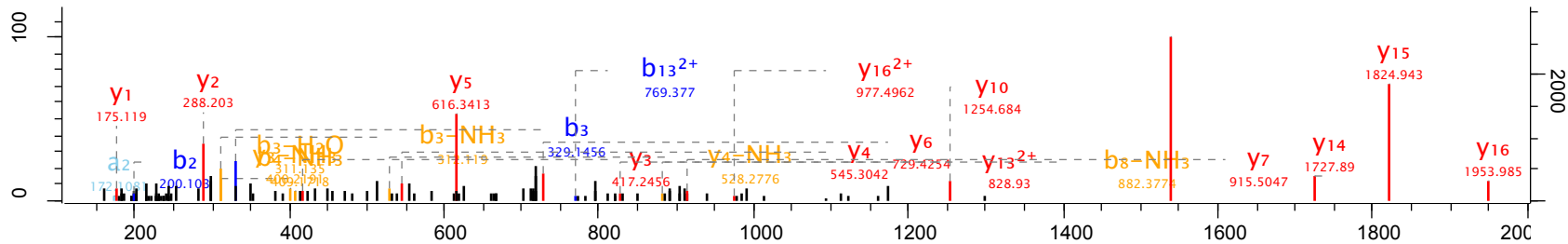
51.23

m/z

718.7

Gene names

BCL2L11



Raw file

20140925_fract19_dyn_5ul_H3_01_454

Scan

33877

Method

TOF; CID

Score

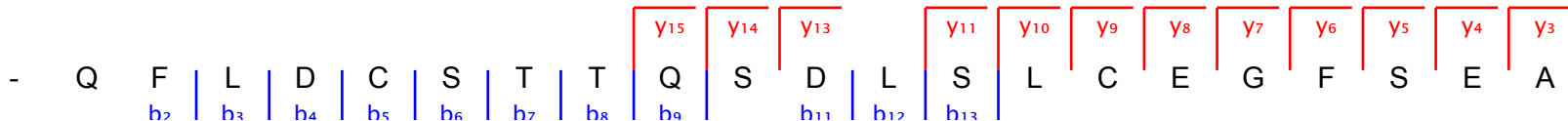
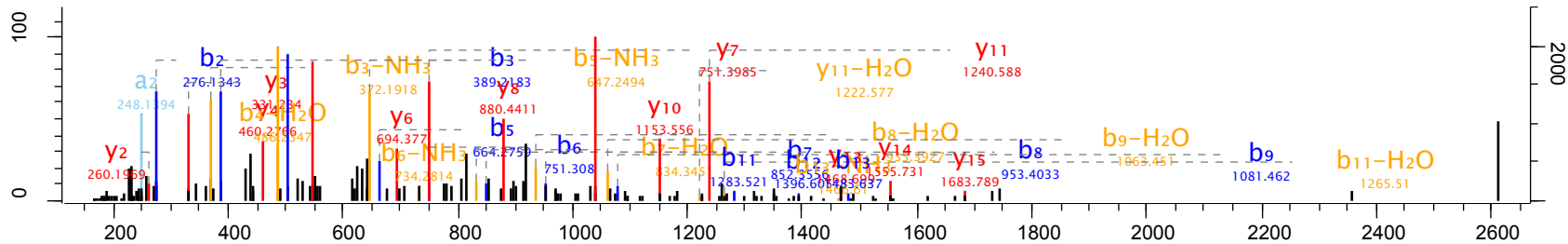
125.31

m/z

1319.1

Gene names

CHCHD10



Raw file

20140925_fract19_dyn_5ul_H3_01_454

Scan

34248

Method

TOF; CID

Score

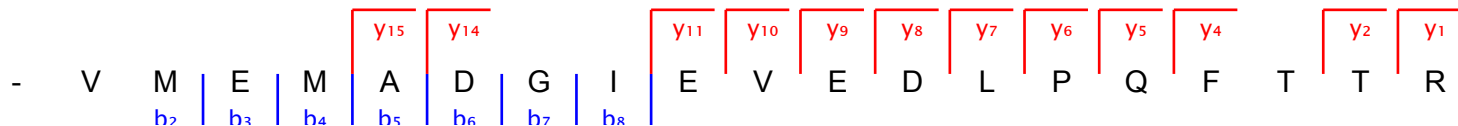
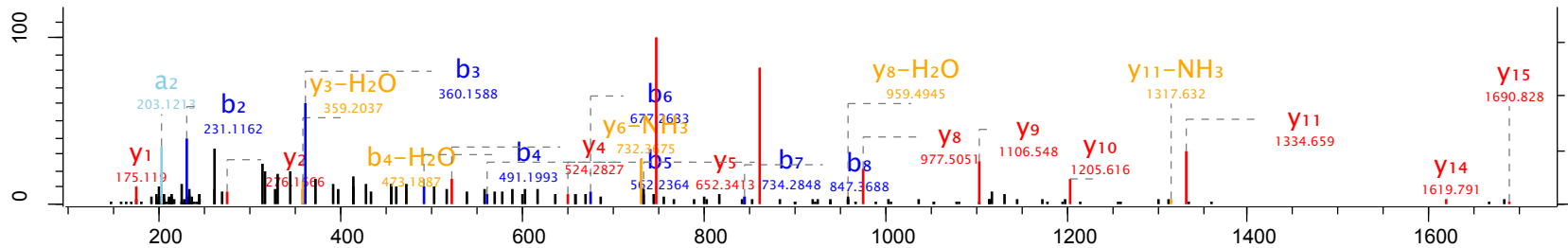
61.94

m/z

1091.52

Gene names

CDKN2AIPNL



Raw file

20140925_fract20_dyn_5ul_H4_01_455

Scan

8917

Method

TOF; CID

Score

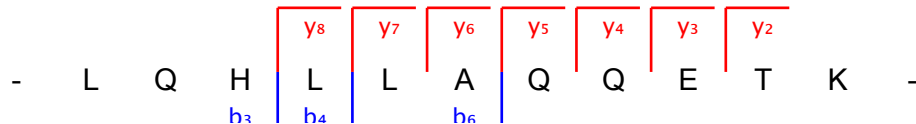
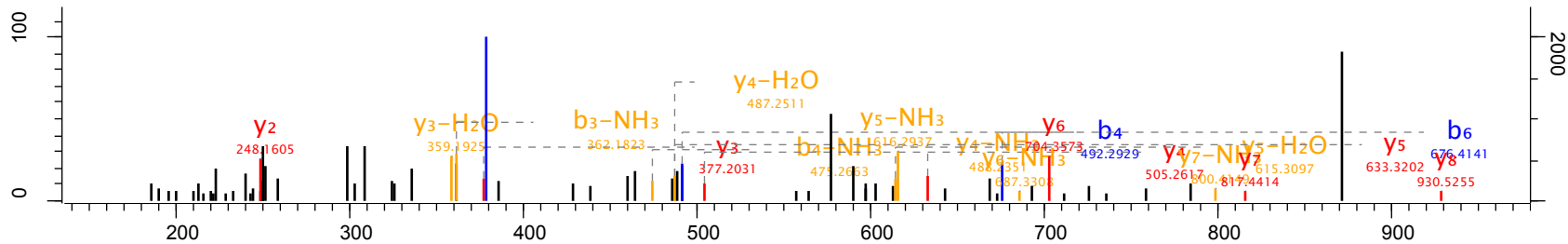
80.83

m/z

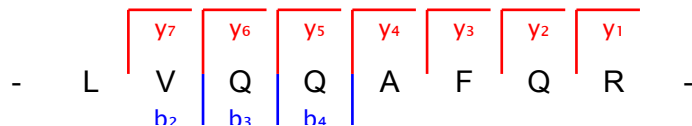
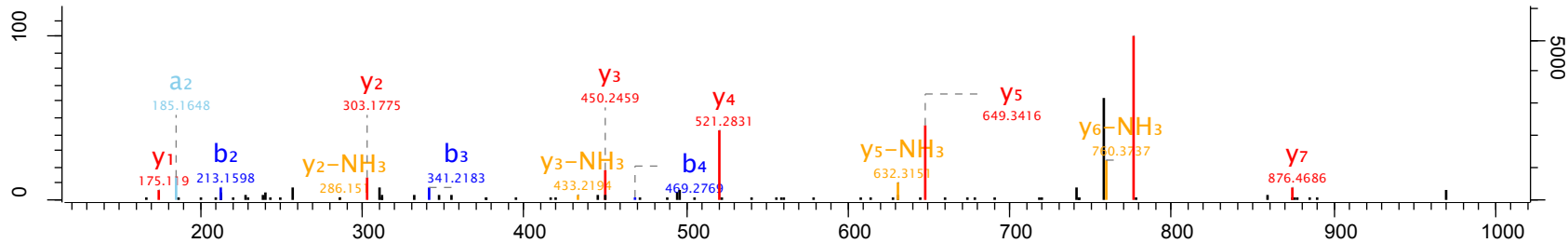
437.25

Gene names

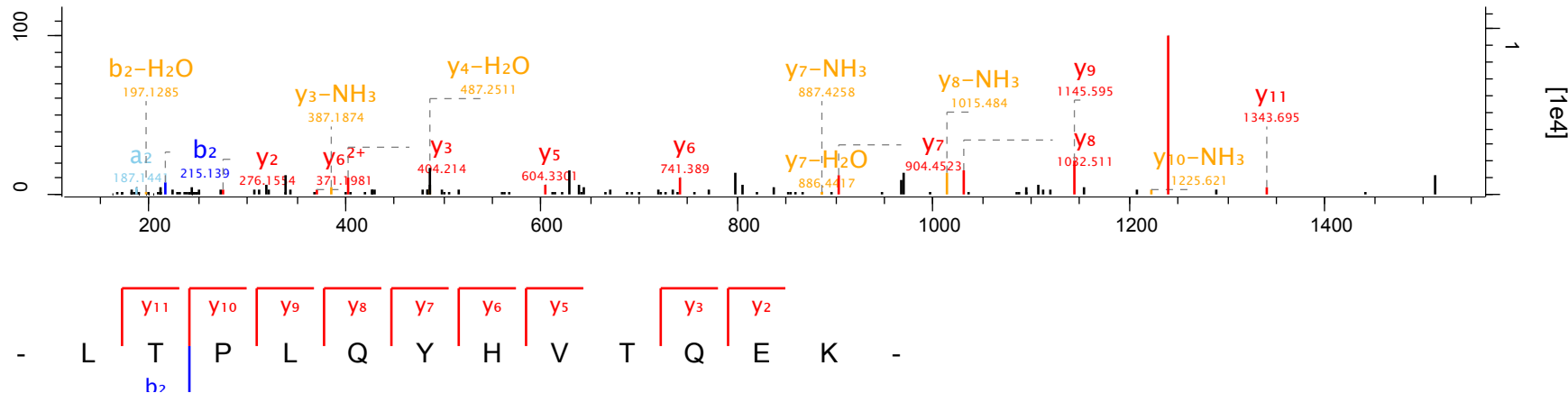
KIAA1328



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract20_dyn_5ul_H4_01_455	9852	TOF; CID	97.8	495.28	ARID3B



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract20_dyn_5ul_H4_01_455	13873	TOF; CID	78.32	486.27	MSRB3



Raw file

20140925_fract20_dyn_5ul_H4_01_455

Scan

15079

Method

TOF; CID

Score

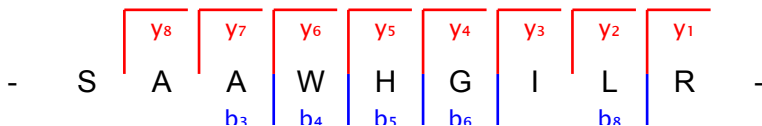
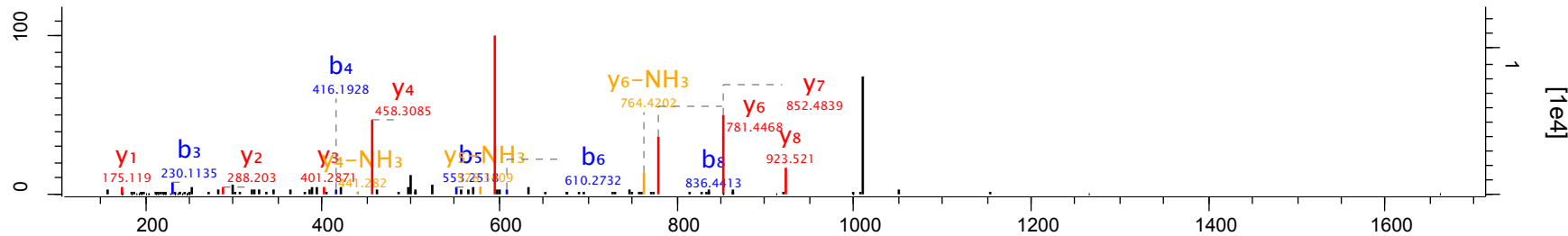
84

m/z

505.78

Gene names

NAIF1



Raw file

20140925_fract20_dyn_5ul_H4_01_455

Scan

16399

Method

TOF; CID

Score

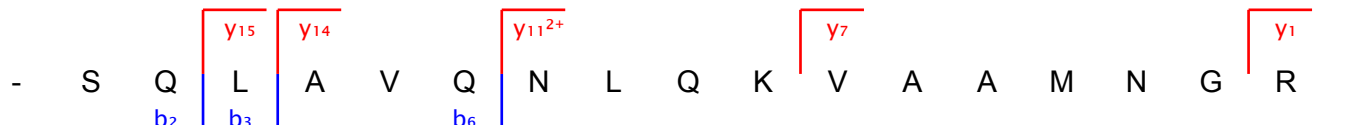
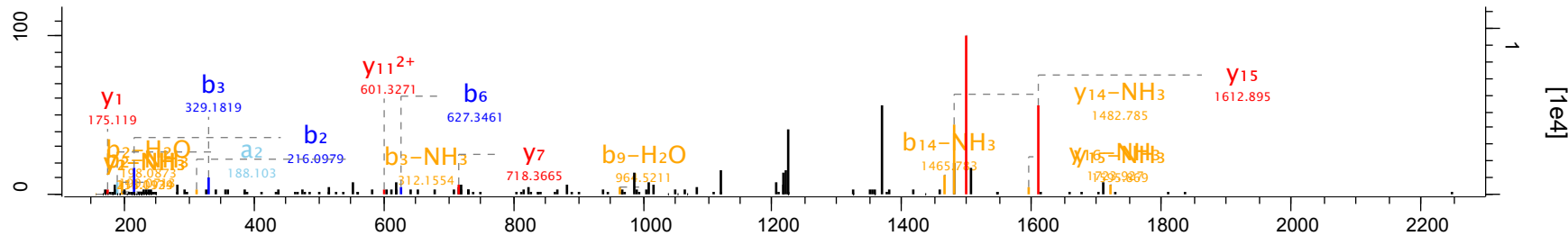
46.89

m/z

610.33

Gene names

SLC22A20



Raw file

20140925_fract20_dyn_5ul_H4_01_455

Scan

17586

Method

TOF; CID

Score

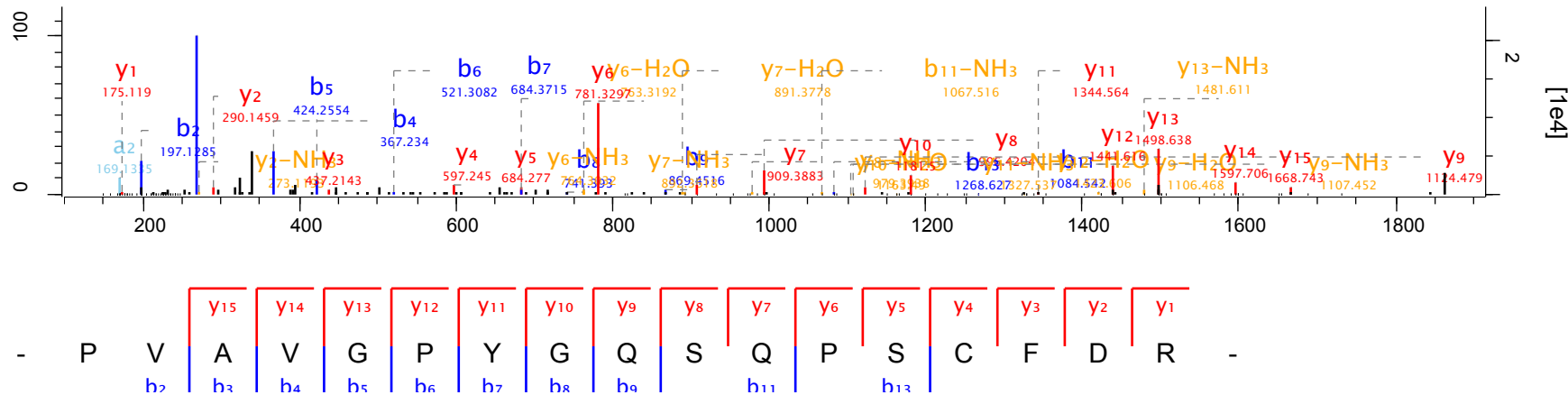
168.05

m/z

932.93

Gene names

ROMO1



Raw file

20140925_fract20_dyn_5ul_H4_01_455

Scan

21001

Method

TOF; CID

Score

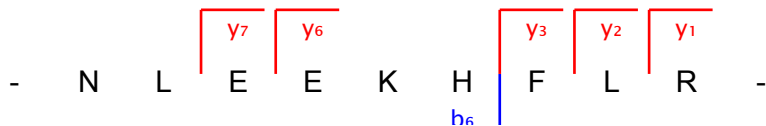
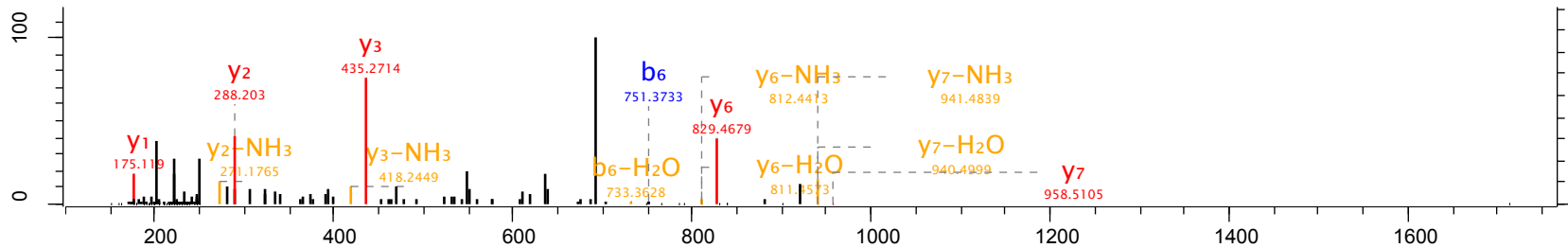
69.81

m/z

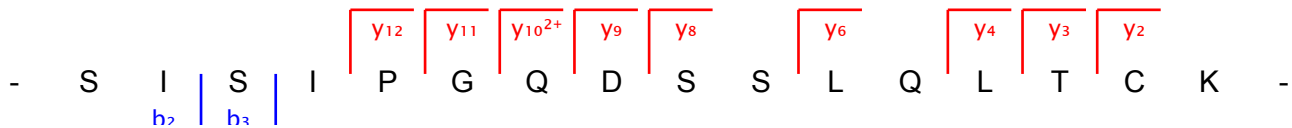
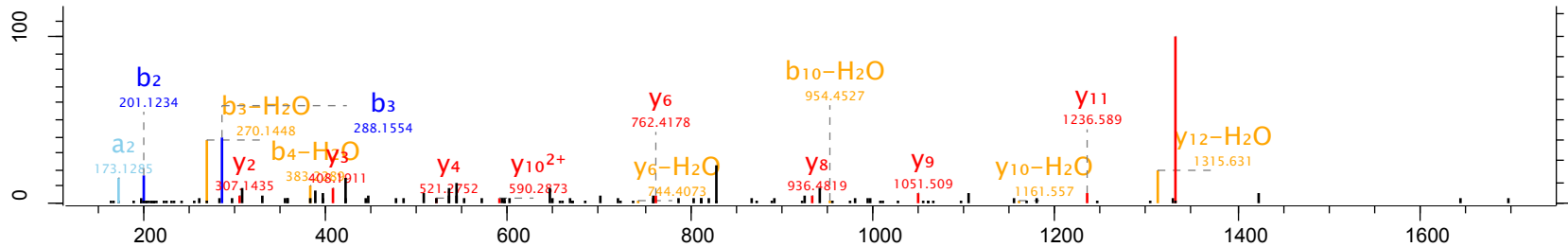
395.88

Gene names

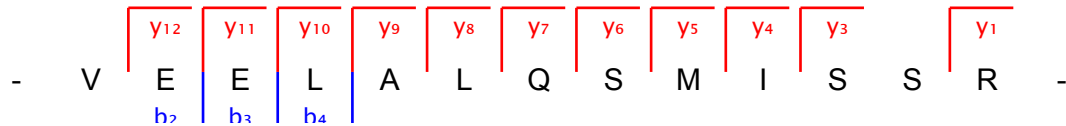
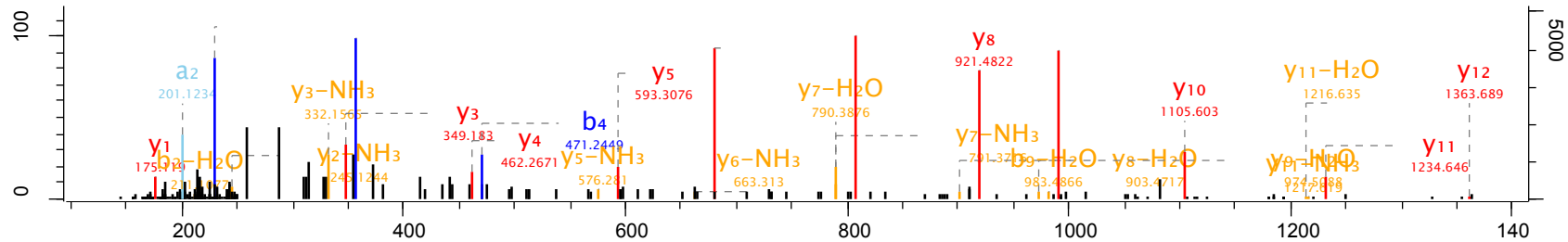
CCDC65



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract20_dyn_5ul_H4_01_455	23305	TOF; CID	48.9	867.95	FAM102A



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract20_dyn_5ul_H4_01_455	27402	TOF; CID	99.94	732.38	SNAPC5



Raw file

20140925_fract20_dyn_5ul_H4_01_455

Scan

27466

Method

TOF; CID

Score

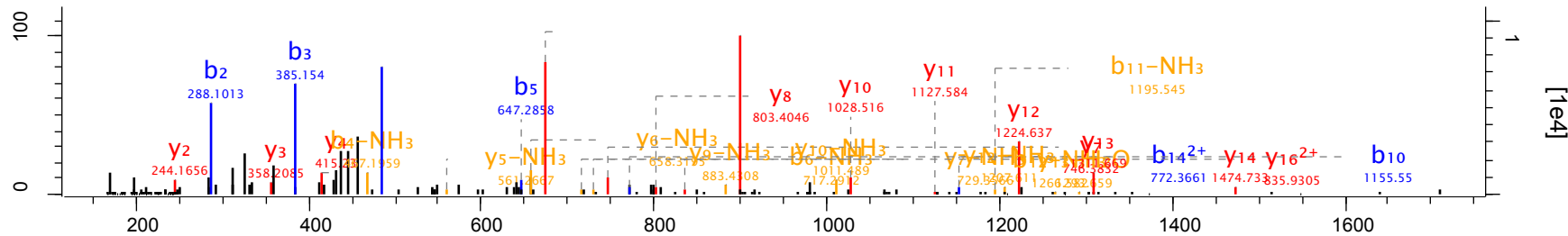
90.26

m/z

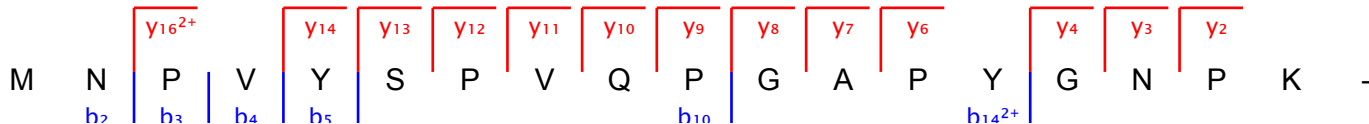
979.98

Gene names

FAM168A



ac



Raw file

20140925_fract20_dyn_5ul_H4_01_455

Scan

29308

Method

TOF; CID

Score

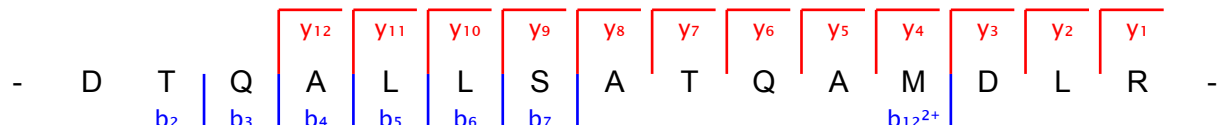
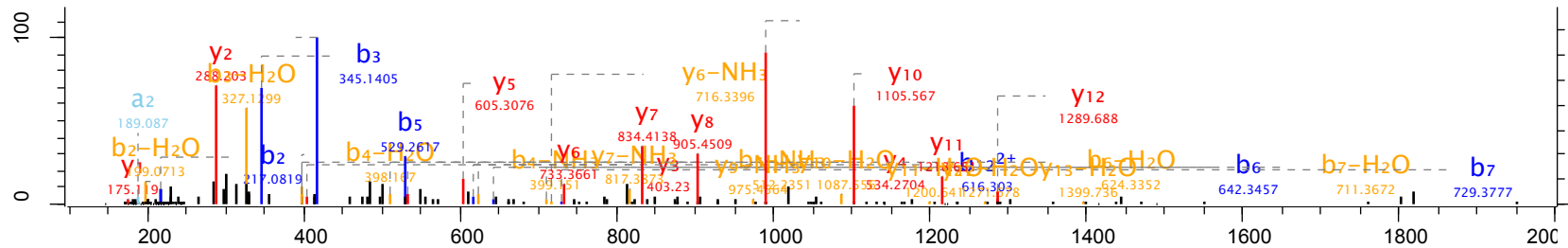
137.39

m/z

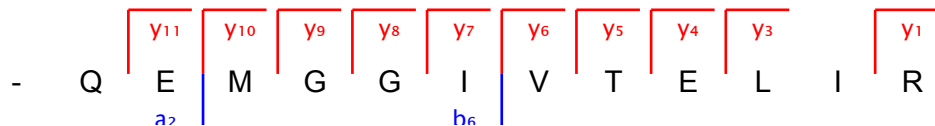
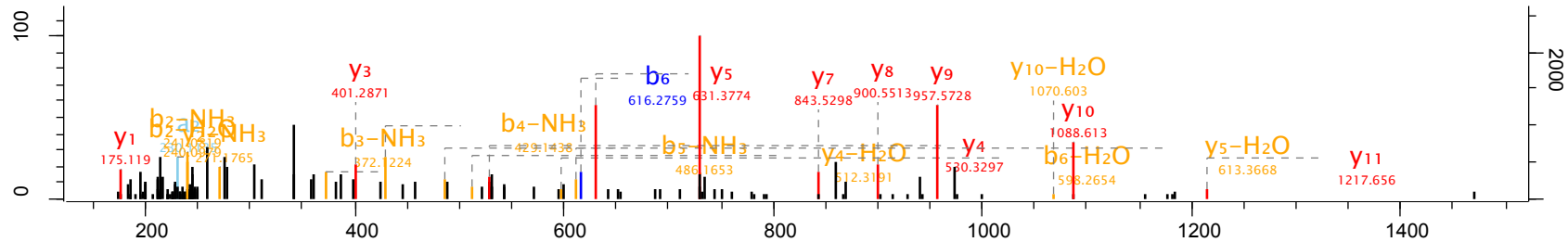
817.42

Gene names

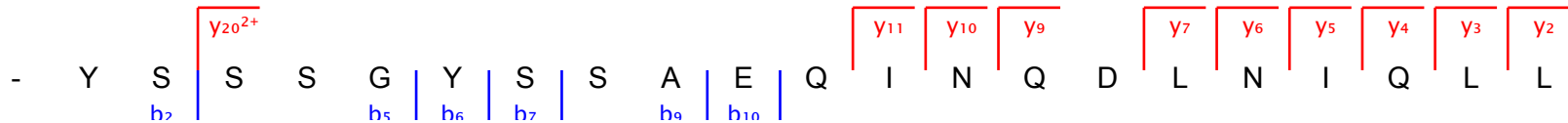
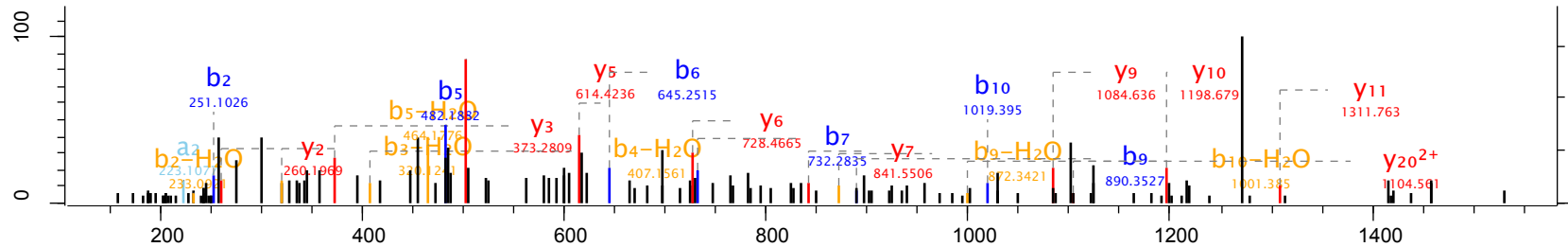
SLC26A6



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract20_dyn_5ul_H4_01_455	31205	TOF; CID	68	673.36	CD82



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract20_dyn_5ul_H4_01_455	31520	TOF; CID	48.97	1230.11	FAM219A



Raw file

20140925_fract20_dyn_5ul_H4_01_455

Scan

34894

Method

TOF; CID

Score

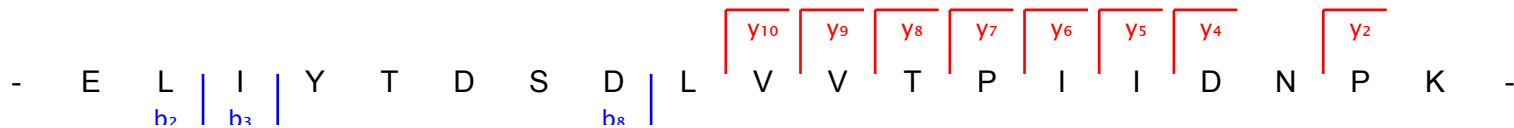
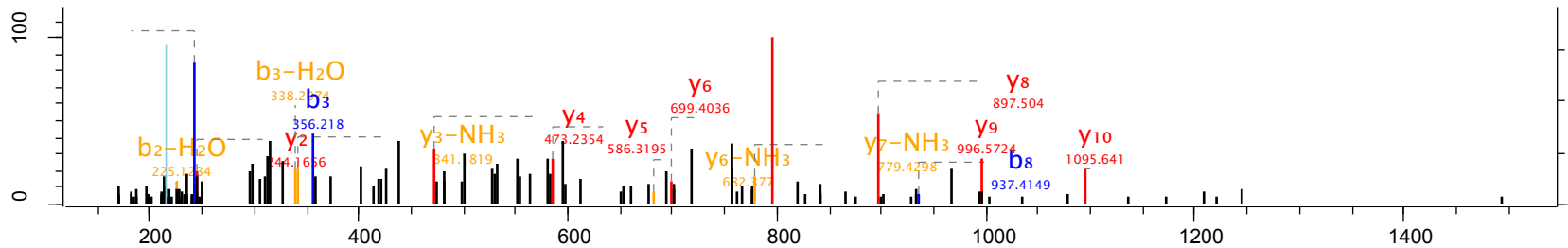
40.97

m/z

1073.57

Gene names

ULK4



Raw file

20140925_fract20_dyn_5ul_H4_01_455

Scan

37382

Method

TOF; CID

Score

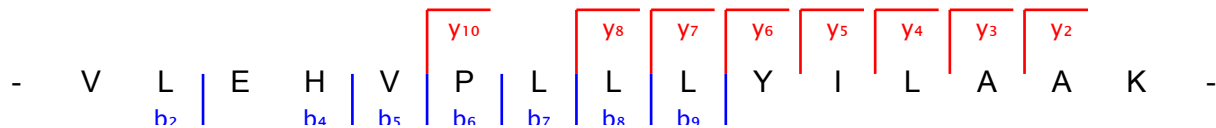
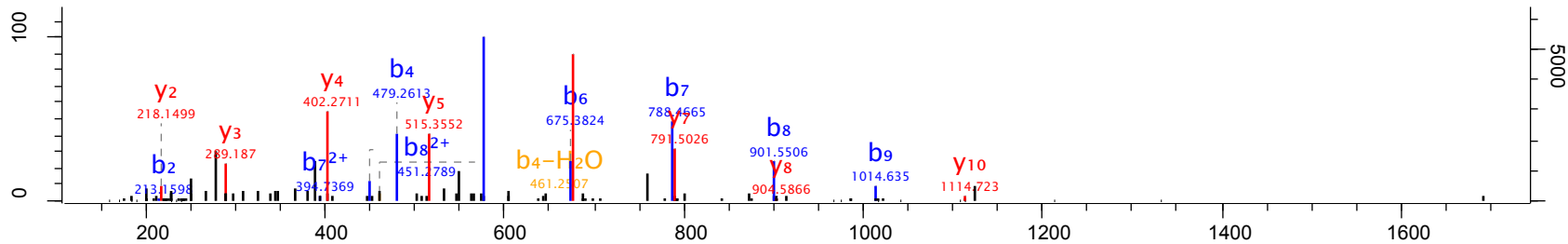
70.89

m/z

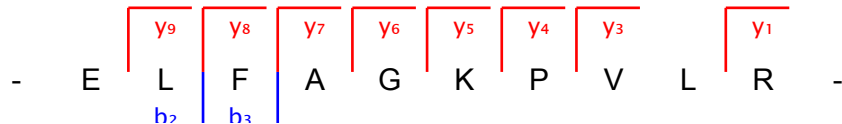
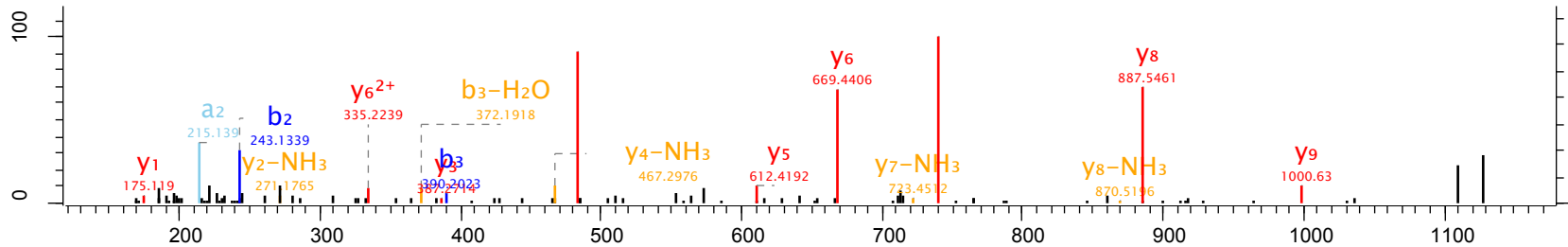
564.69

Gene names

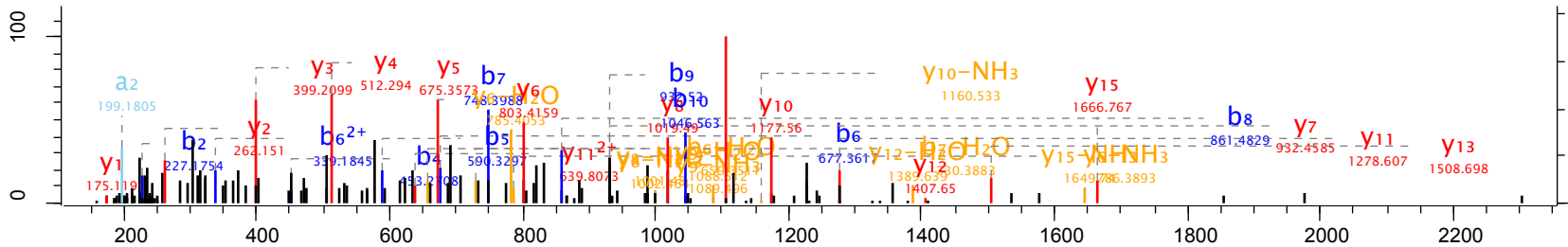
SMIM11



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract21_dyn_5ul_H5_01_456	16339	TOF; CID	115.71	565.34	NIPA2



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract21_dyn_5ul_H5_01_456	17882	TOF; CID	94.59	735.37	AVP1



Raw file

20140925_fract21_dyn_5ul_H5_01_456

Scan

20846

Method

TOF; CID

Score

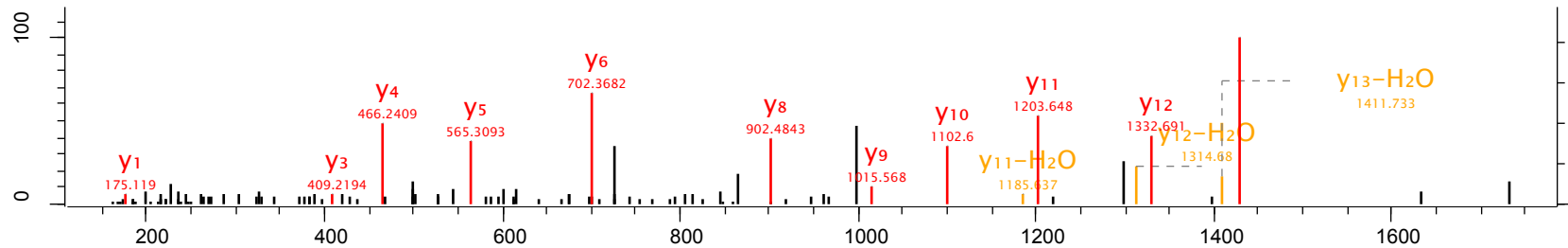
59.71

m/z

500.93

Gene names

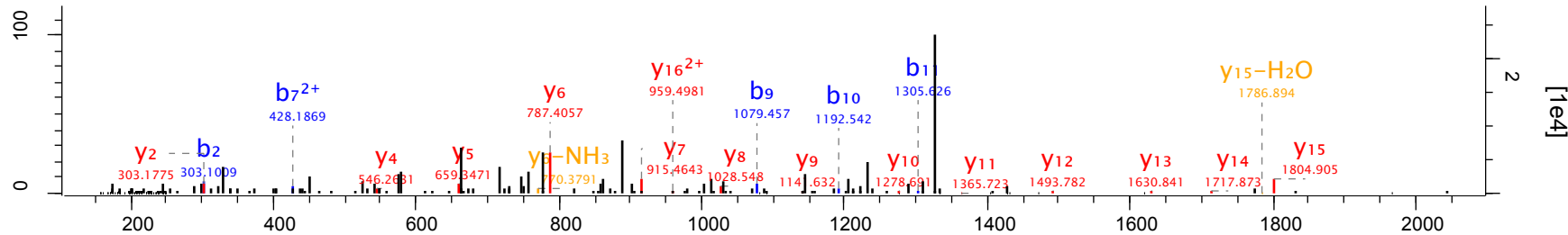
USP40



- A P E T S L S I H V G S F R -

Red brackets above the sequence indicate the following fragmentation sites: y13 (between P and E), y12 (between E and T), y11 (between T and S), y10 (between S and L), y9 (between L and S), y8 (between S and I), y6 (between I and H), y5 (between H and V), y4 (between V and G), y3 (between G and S), and y1 (between F and R).

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract21_dyn_5ul_H5_01_456	23175	TOF; CID	42.12	741.03	ZBTB8A



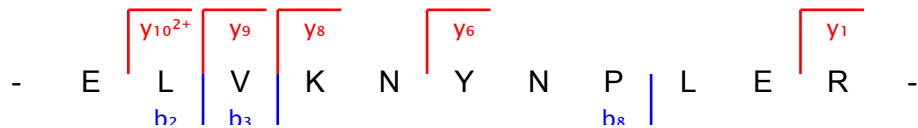
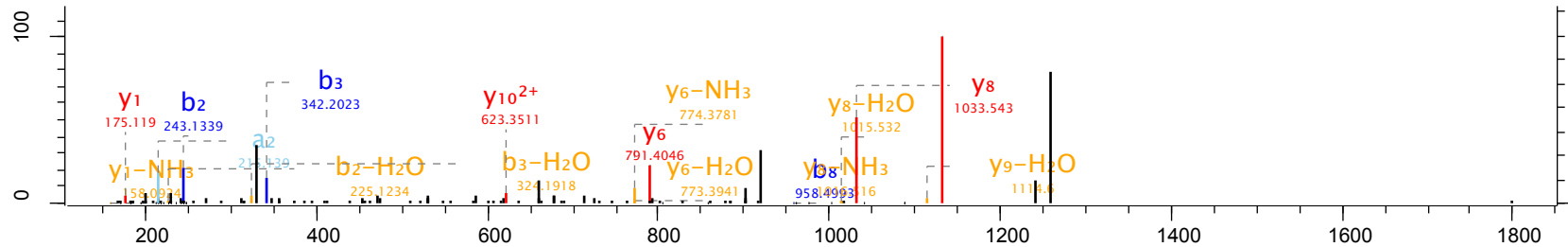
ac

- M E I S S H Q S H L L Q Q L N E Q R -

b₂ b_{7²⁺} b₉ b₁₀ b₁₁

y₂ y₄ y₅ y₆ y₇ y₈ y₉ y₁₀ y₁₁ y₁₂ y₁₃ y₁₄ y₁₅ y_{16²⁺}

Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract21_dyn_5ul_H5_01_456	23785	TOF; CID	63.62	458.92	CHRNA7



Raw file

20140925_fract21_dyn_5ul_H5_01_456

Scan

24059

Method

TOF; CID

Score

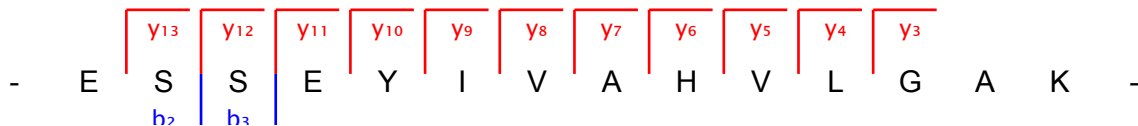
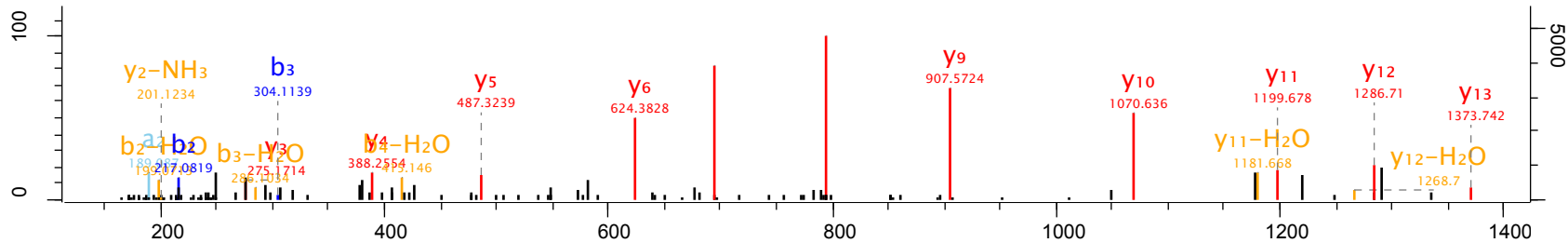
91.62

m/z

501.6

Gene names

HEMK1



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract21_dyn_5ul_H5_01_456

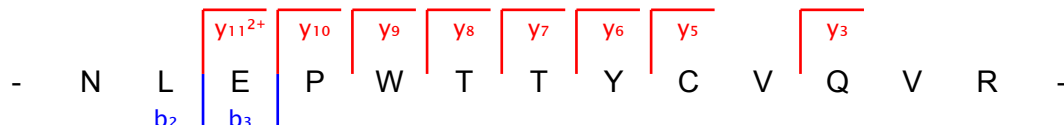
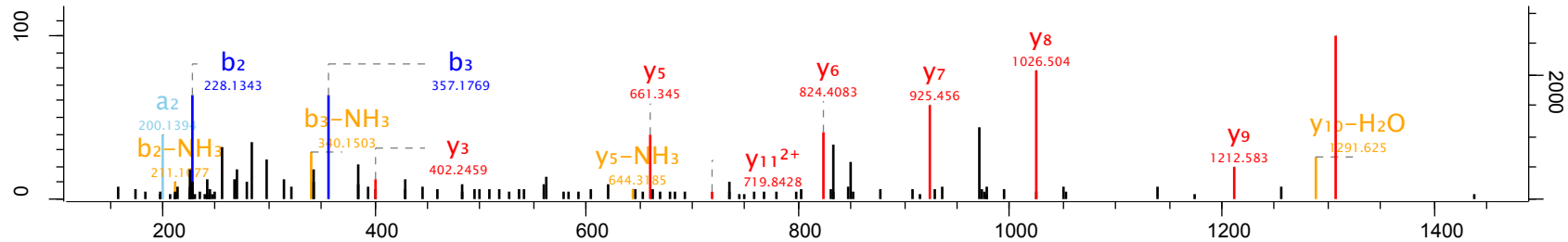
26508

TOF; CID

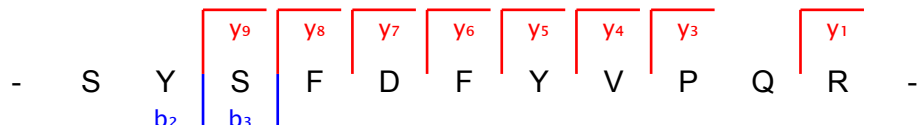
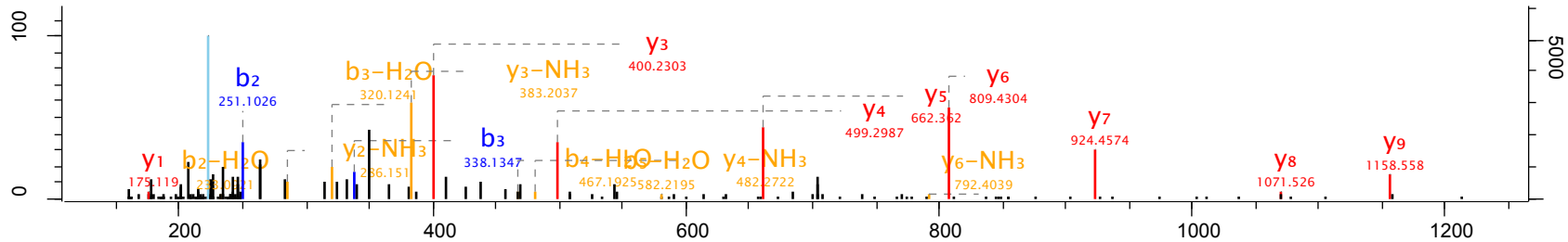
61.11

833.41

IL10RB



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract21_dyn_5ul_H5_01_456	27714	TOF; CID	81.02	704.83	OAF



Raw file

20140925_fract21_dyn_5ul_H5_01_456

Scan

28121

Method

TOF; CID

Score

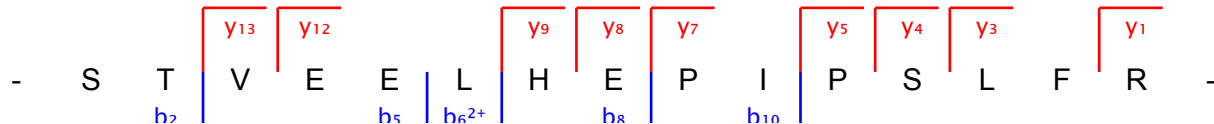
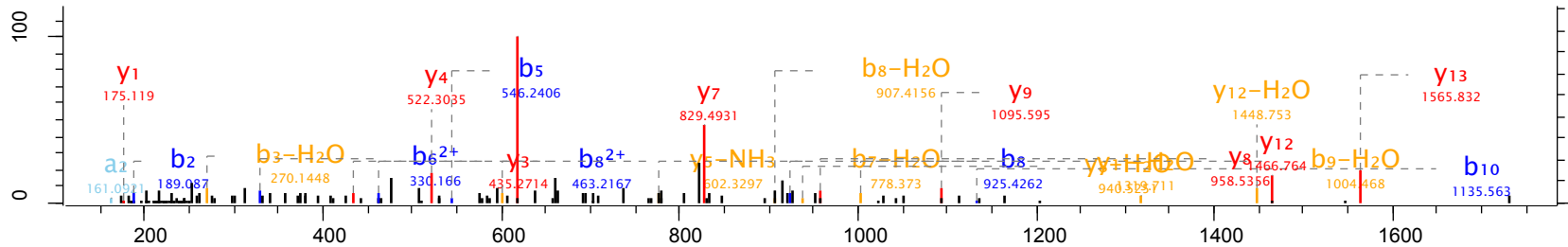
43.86

m/z

585.3

Gene names

TWSG1



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract22_dyn_5ul_H6_01_457

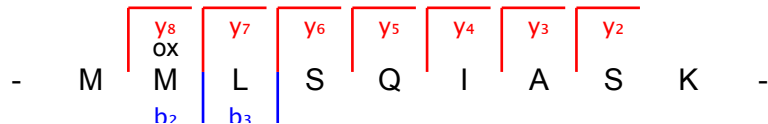
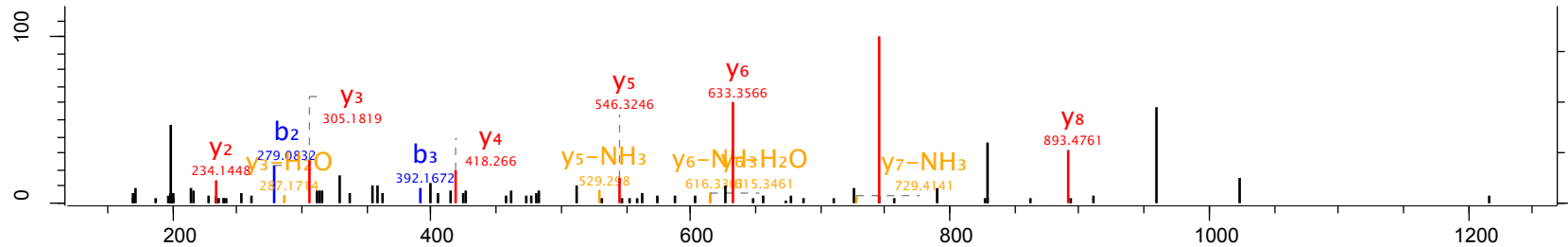
13222

TOF; CID

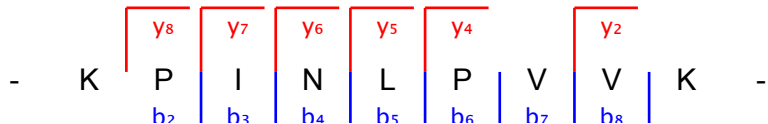
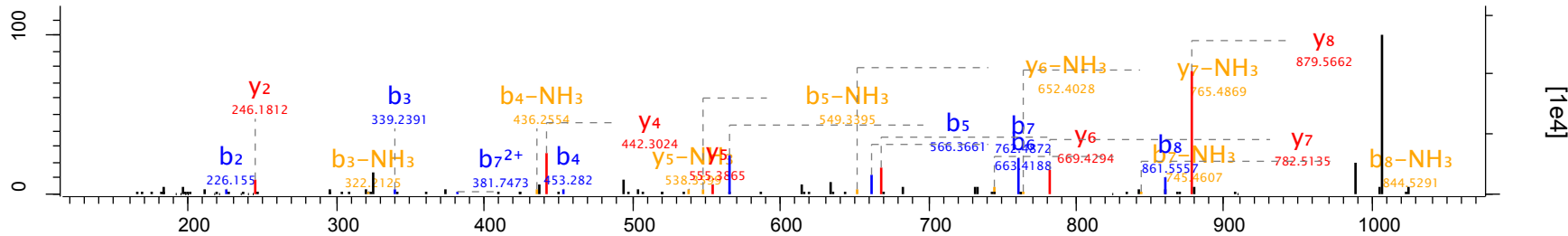
70.91

513.26

ZNF740



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract22_dyn_5ul_H6_01_457	15401	TOF; CID	128.38	504.33	SNRNP35



Raw file

20140925_fract22_dyn_5ul_H6_01_457

Scan

16966

Method

TOF; CID

Score

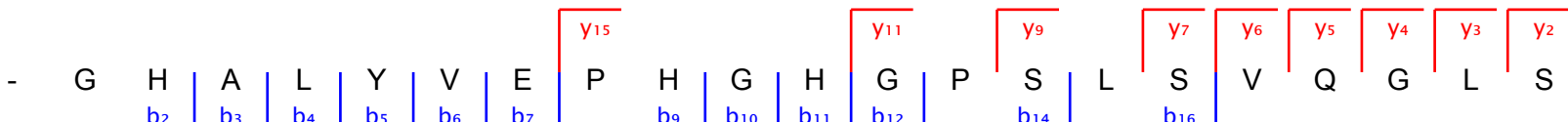
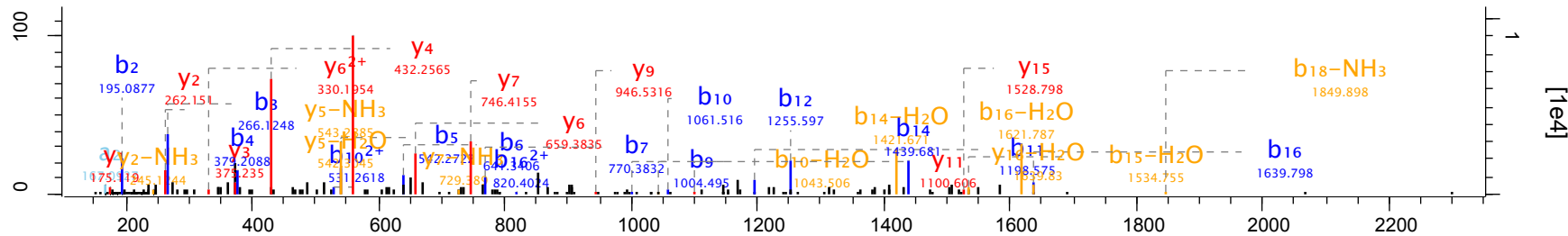
105.52

m/z

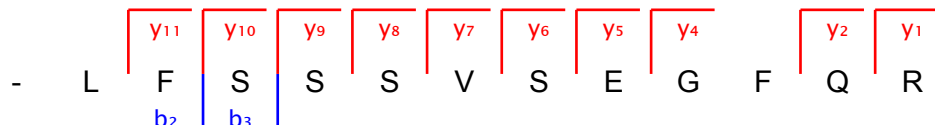
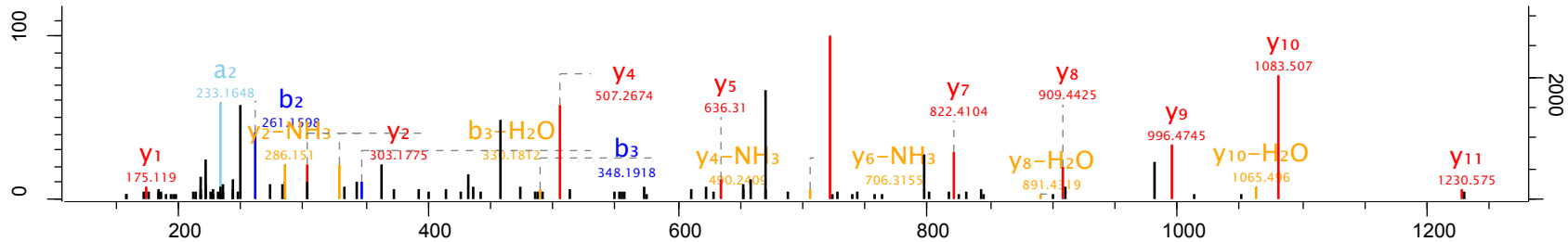
575.55

Gene names

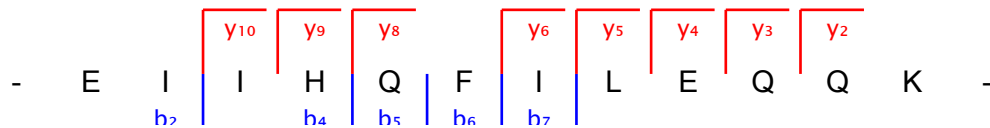
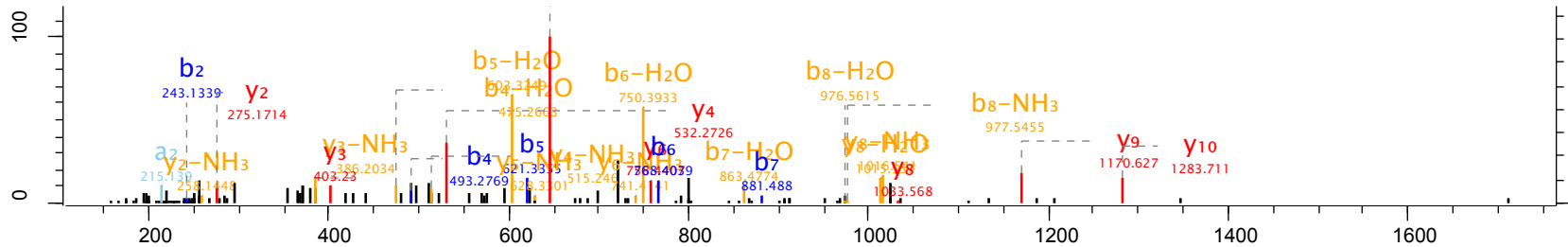
SLC39A3



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract22_dyn_5ul_H6_01_457	17733	TOF; CID	92.25	672.33	XK



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract22_dyn_5ul_H6_01_457	21078	TOF; CID	120.55	509.28	NLK



Raw file

20140925_fract22_dyn_5ul_H6_01_457

Scan

21715

Method

TOF; CID

Score

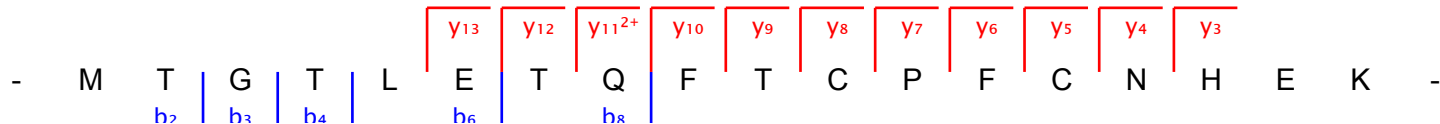
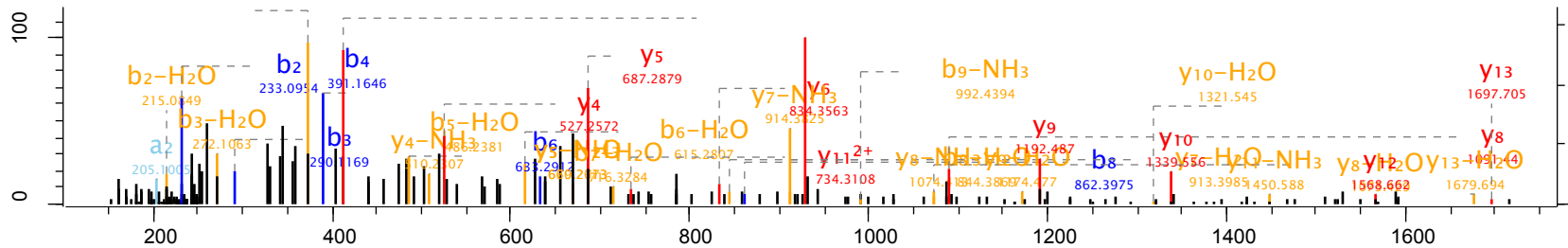
97.21

m/z

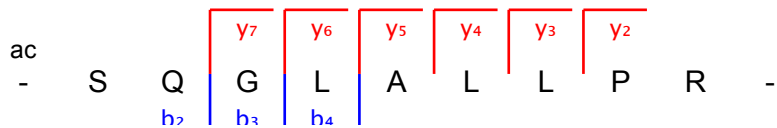
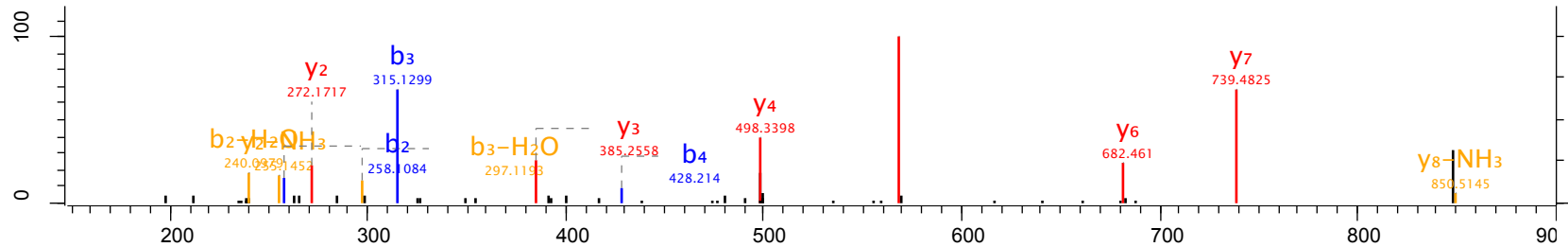
1101.48

Gene names

ELOF1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract22_dyn_5ul_H6_01_457	28654	TOF; CID	73.23	498.8	ZNF114



Raw file

20140925_fract22_dyn_5ul_H6_01_457

Scan

31286

Method

TOF; CID

Score

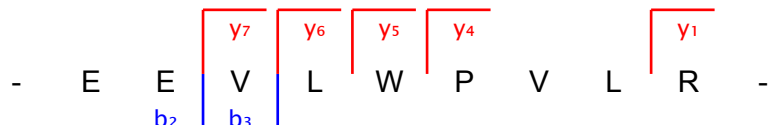
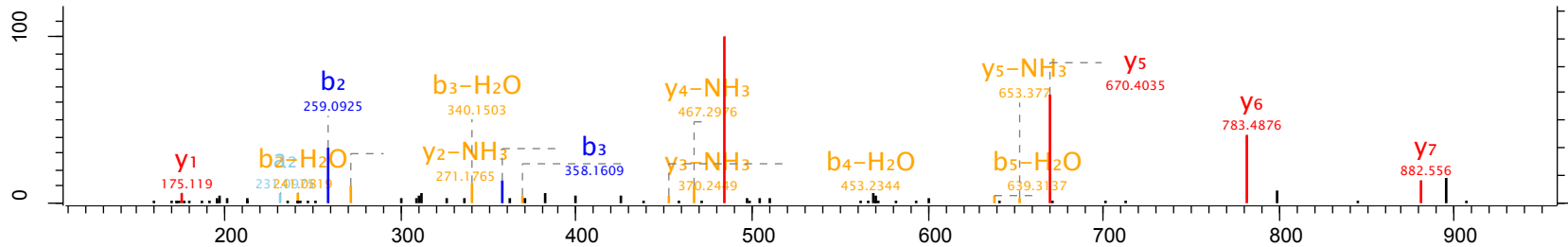
93.37

m/z

570.82

Gene names

FIGN



Raw file

20140925_fract22_dyn_5ul_H6_01_457

Scan

31800

Method

TOF; CID

Score

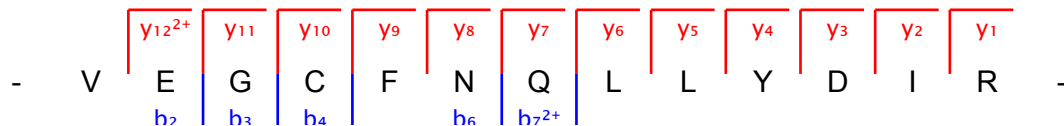
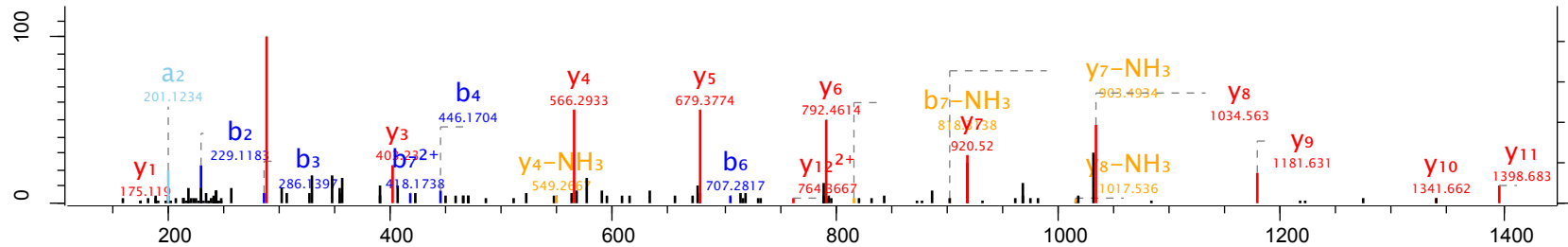
64.24

m/z

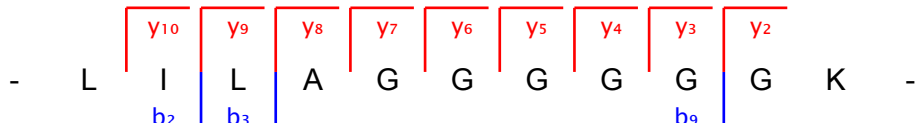
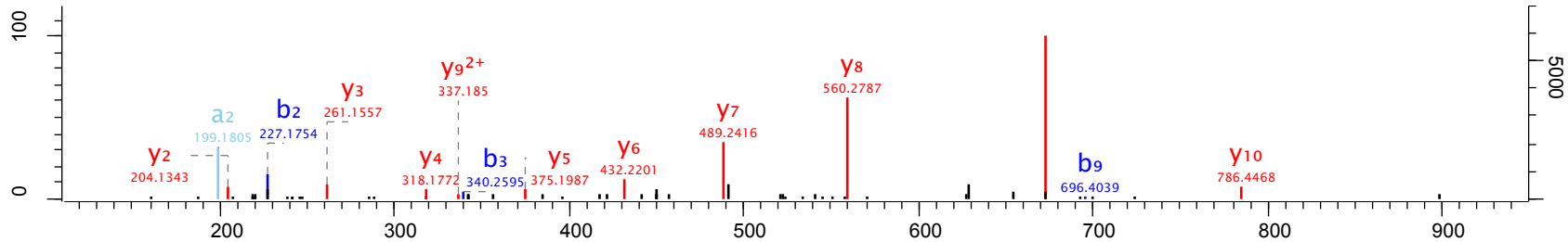
814.39

Gene names

TSPAN1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract23_dyn_5ul_H7_01_458	10320	TOF; CID	76.23	450.27	SOX4



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract23_dyn_5ul_H7_01_458

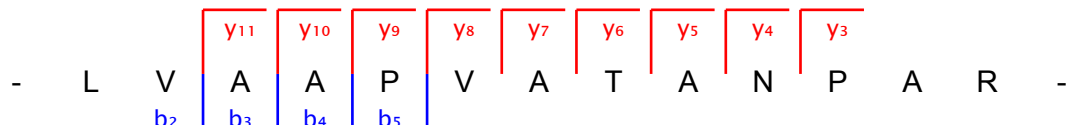
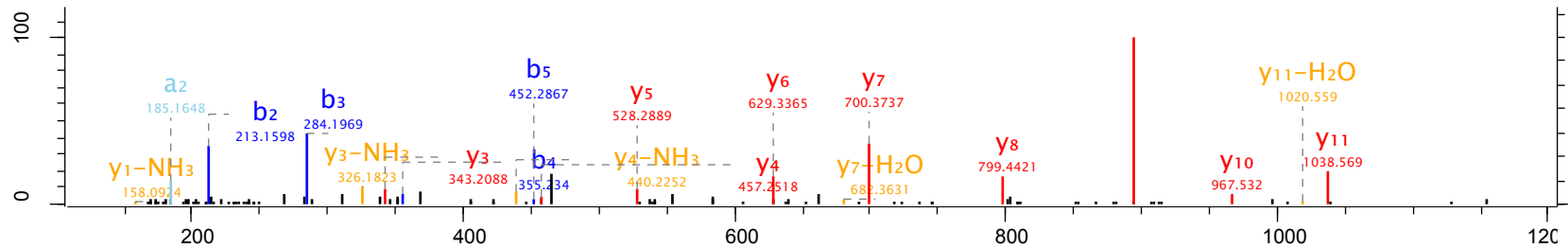
13516

TOF; CID

93.62

625.87

FKRP



Raw file

20140925_fract23_dyn_5ul_H7_01_458

Scan

18044

Method

TOF; CID

Score

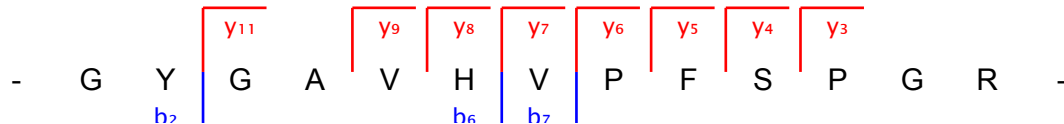
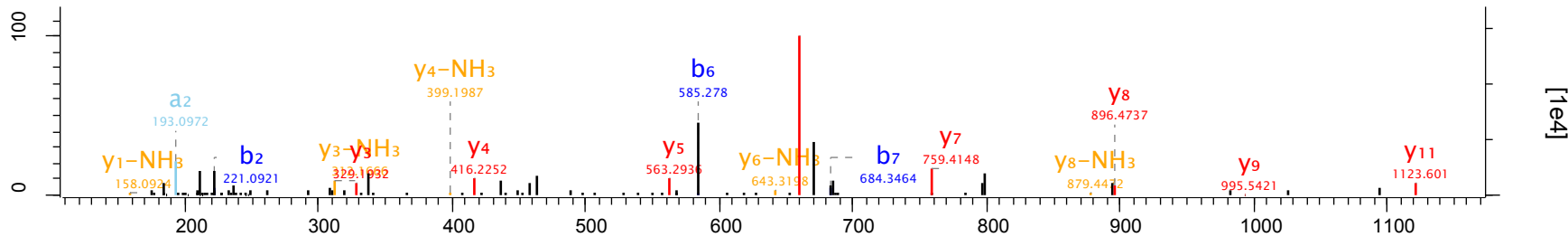
58.1

m/z

448.56

Gene names

B9D1



Raw file

20140925_fract23_dyn_5ul_H7_01_458

Scan

19417

Method

TOF; CID

Score

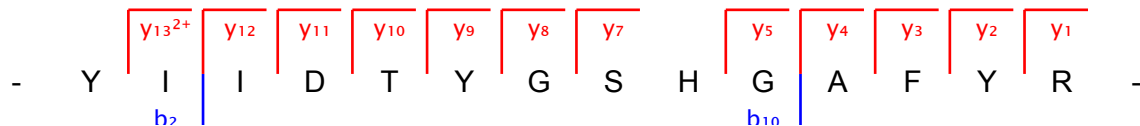
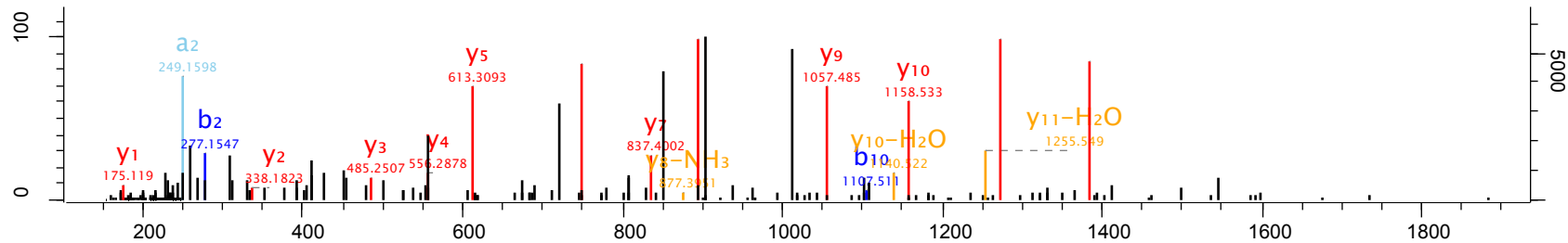
66.22

m/z

554.93

Gene names

MANEAL



Raw file

20140925_fract23_dyn_5ul_H7_01_458

Scan

20113

Method

TOF; CID

Score

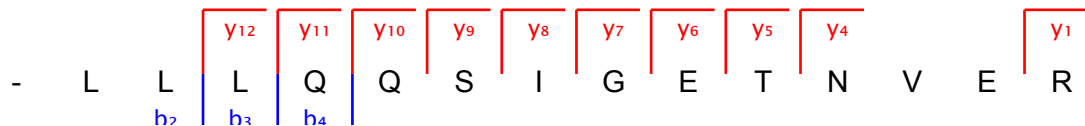
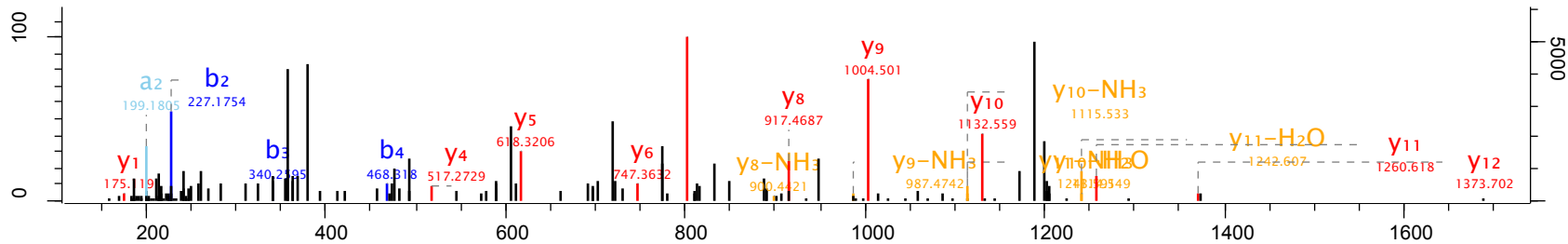
62.68

m/z

800.44

Gene names

ZCCHC10



Raw file

20140925_fract23_dyn_5ul_H7_01_458

Scan

20707

Method

TOF; CID

Score

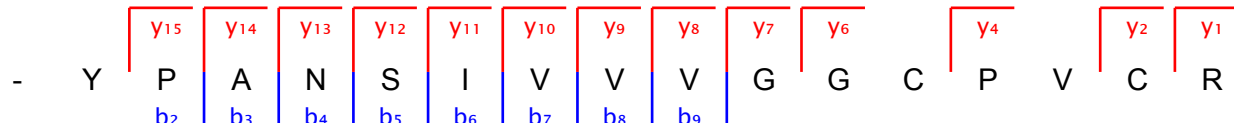
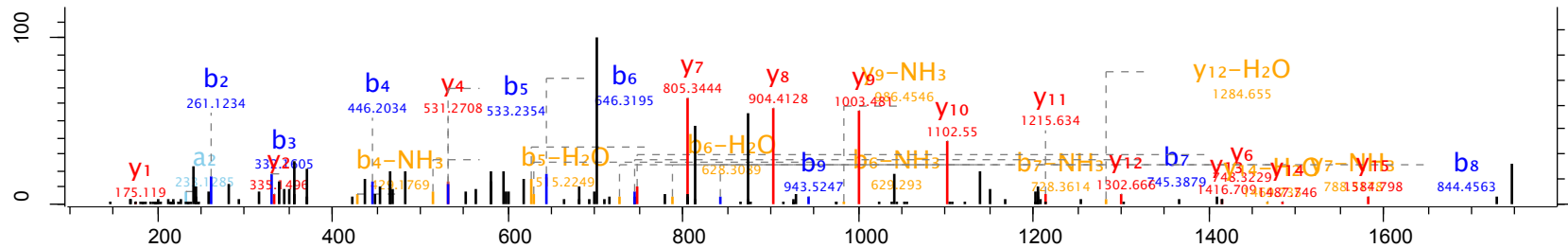
101.62

m/z

874.44

Gene names

BRI3



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract23_dyn_5ul_H7_01_458

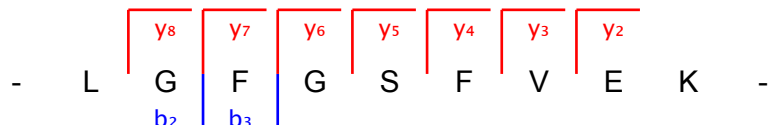
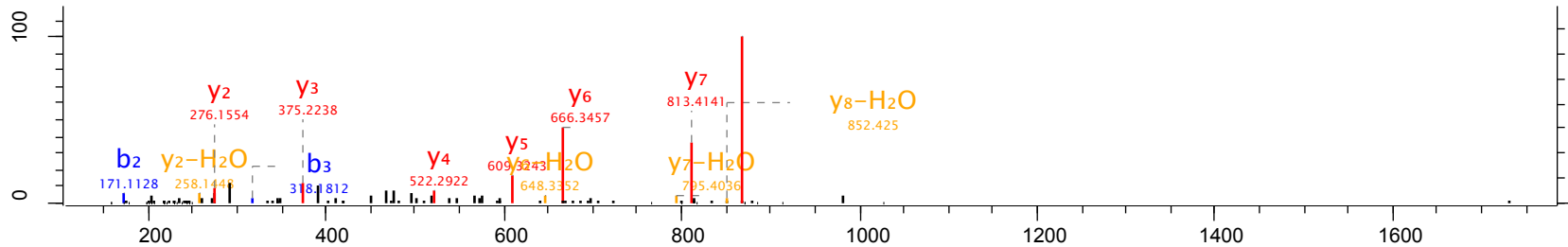
21573

TOF; CID

79.15

492.26

ITGB6



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract23_dyn_5ul_H7_01_458

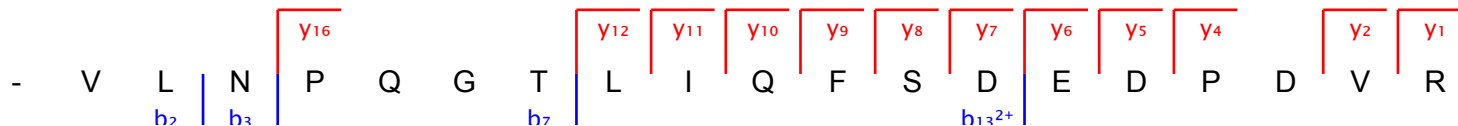
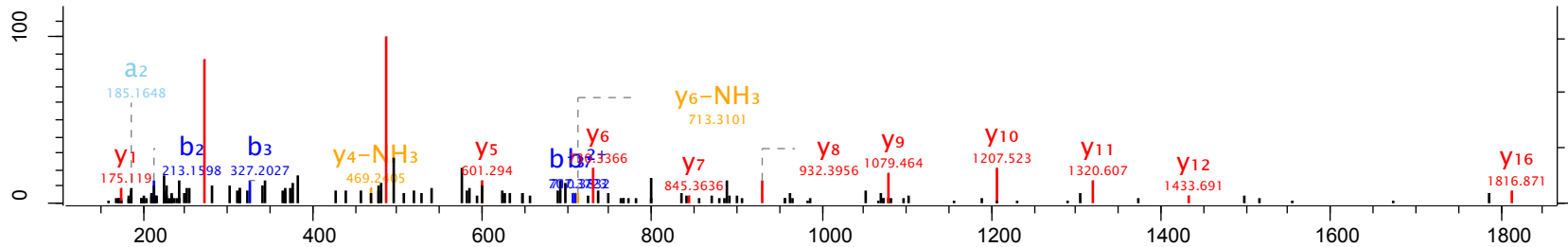
28773

TOF; CID

43.7

1072.54

METTL12



Raw file

20140925_fract23_dyn_5ul_H7_01_458

Scan

33082

Method

TOF; CID

Score

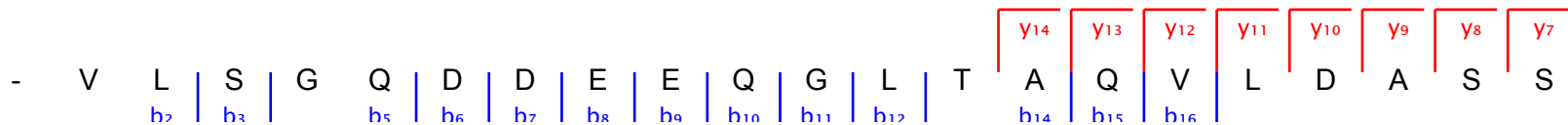
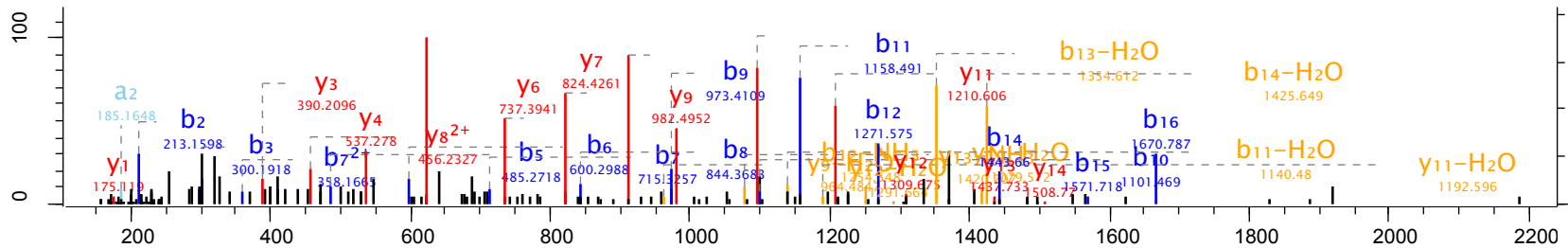
107.75

m/z

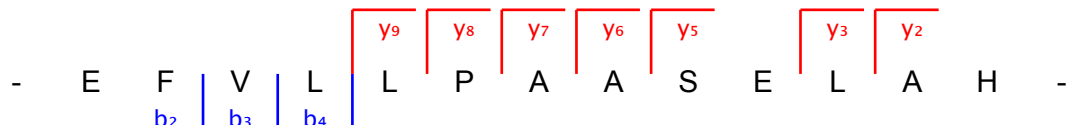
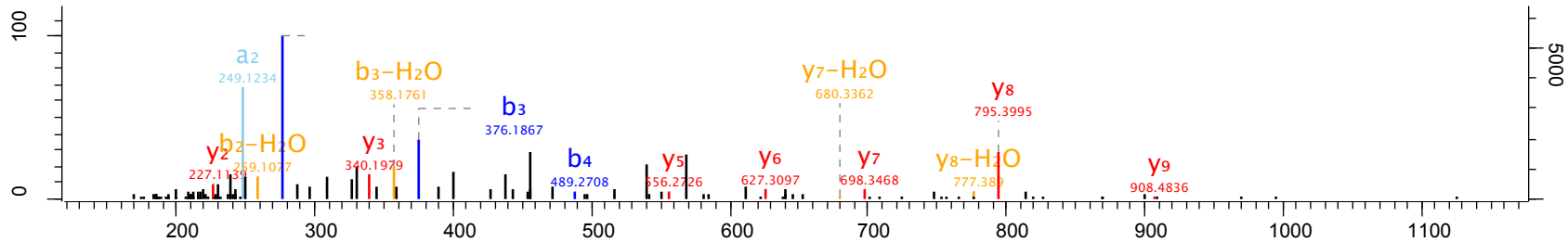
961.13

Gene names

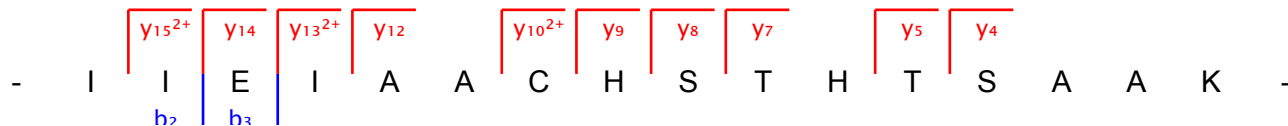
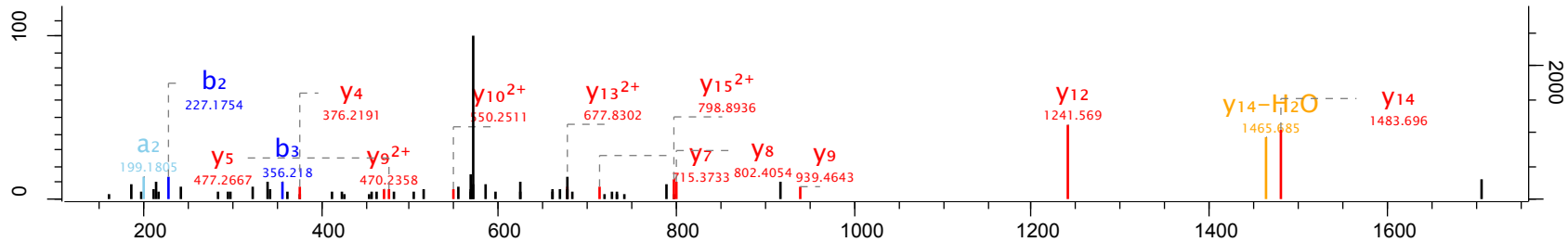
SFT2D1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract23_dyn_5ul_H7_01_458	34170	TOF; CID	57.23	698.88	PRKD2



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract24_dyn_5ul_H8_01_459	9206	TOF; CID	74.79	570.63	RCBTB2



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract24_dyn_5ul_H8_01_459

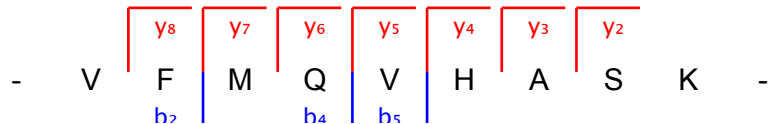
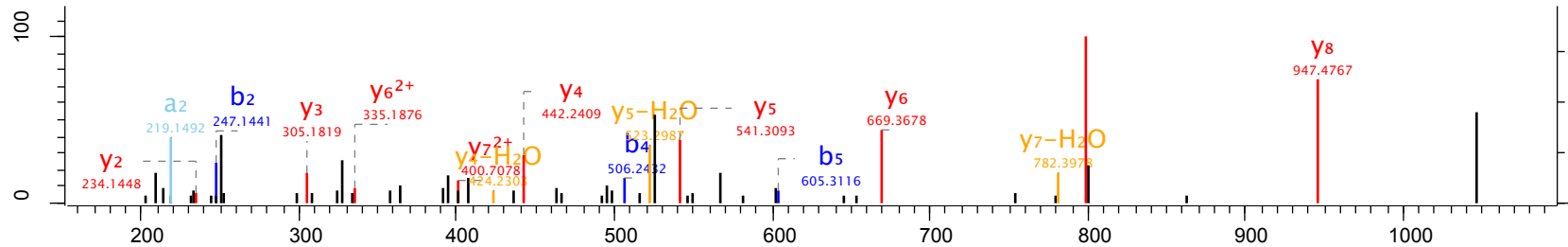
9393

TOF; CID

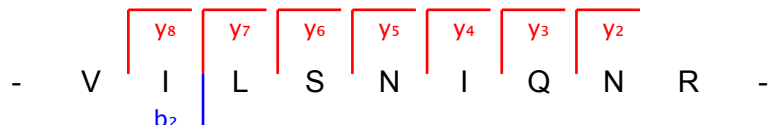
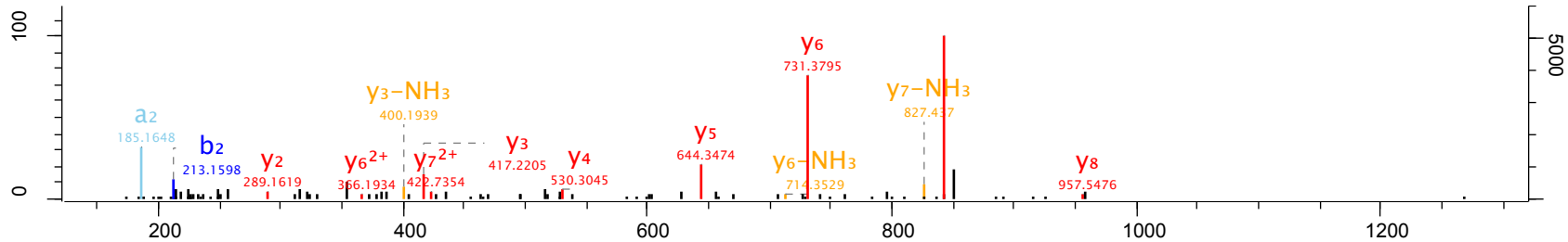
77.66

523.78

SLC25A23



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract24_dyn_5ul_H8_01_459	12749	TOF; CID	76.06	528.81	TTC7B



Raw file

20140925_fract24_dyn_5ul_H8_01_459

Scan

15262

Method

TOF; CID

Score

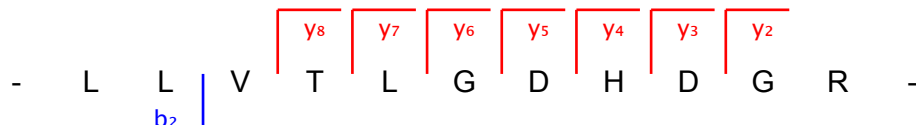
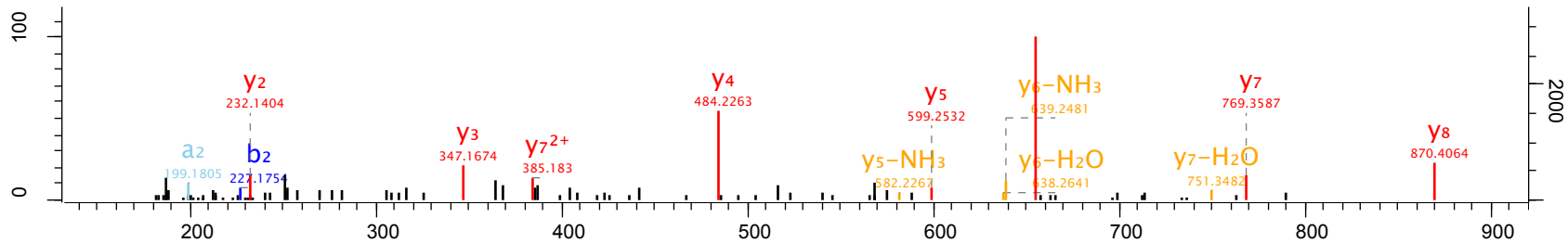
61.34

m/z

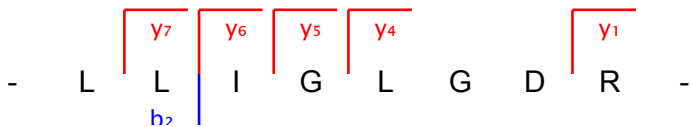
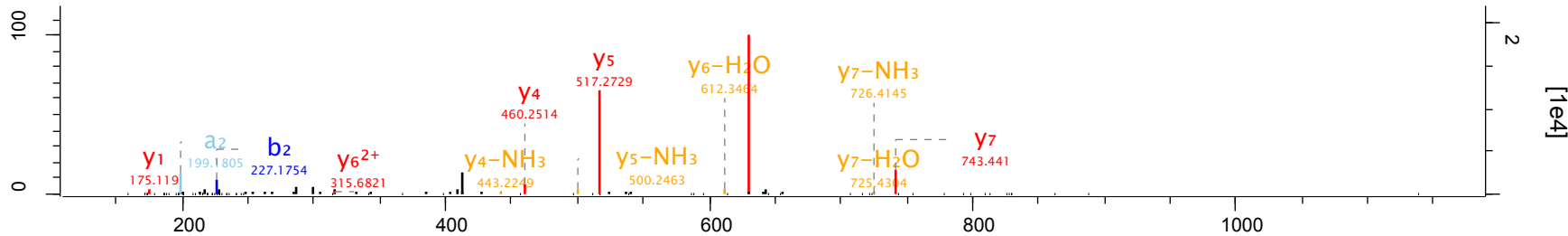
399.22

Gene names

WDR90



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract24_dyn_5ul_H8_01_459	16548	TOF; CID	97.8	428.76	STRC



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract24_dyn_5ul_H8_01_459

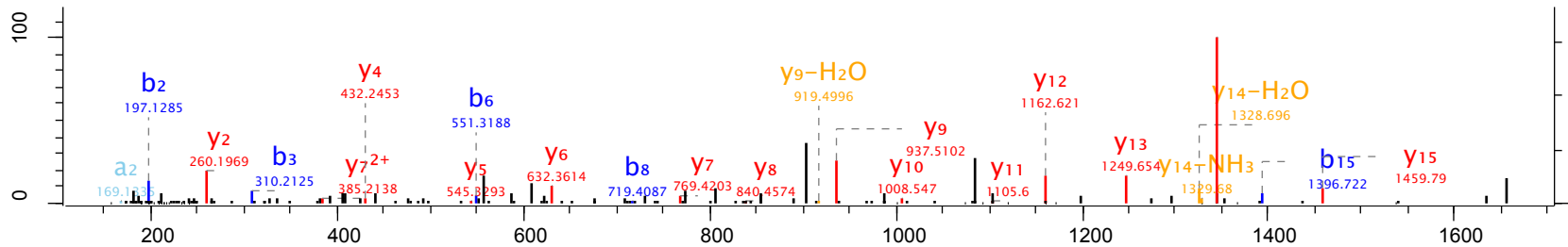
19885

TOF; CID

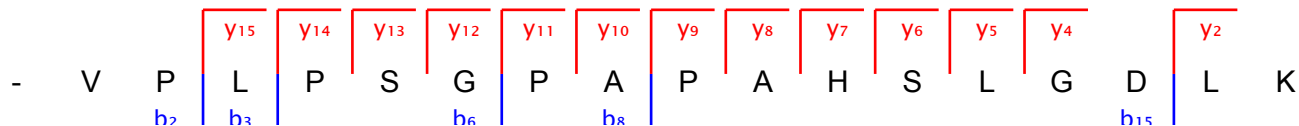
53.45

552.98

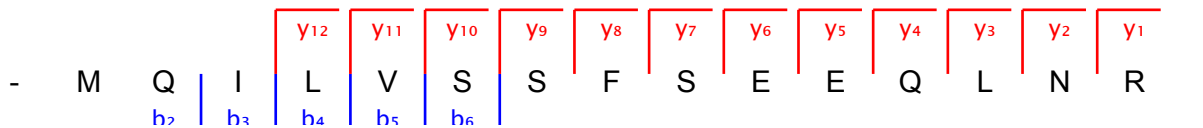
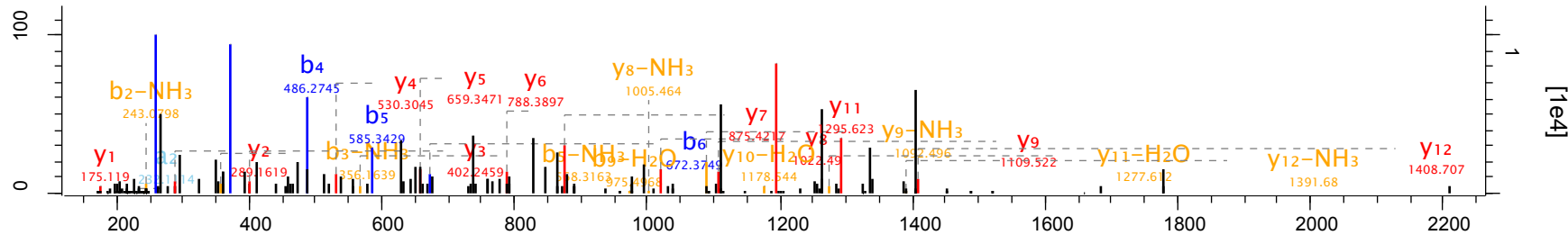
FAM189B



[1e4]



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract24_dyn_5ul_H8_01_459	27364	TOF; CID	68.48	891.44	TAF11



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract24_dyn_5ul_H8_01_459

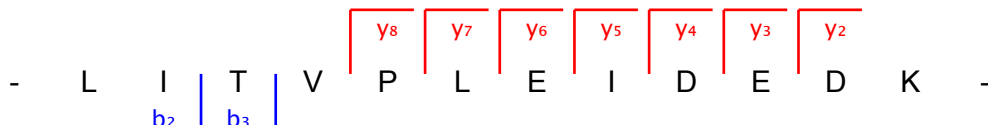
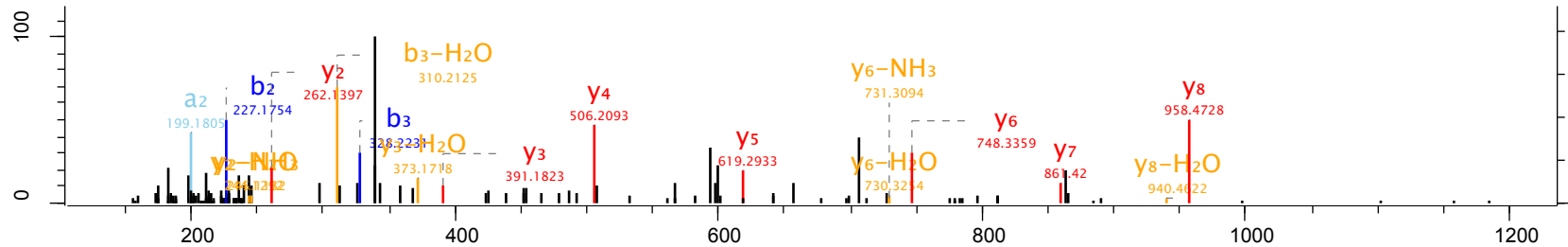
28153

TOF; CID

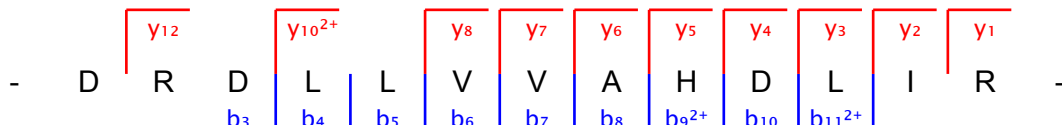
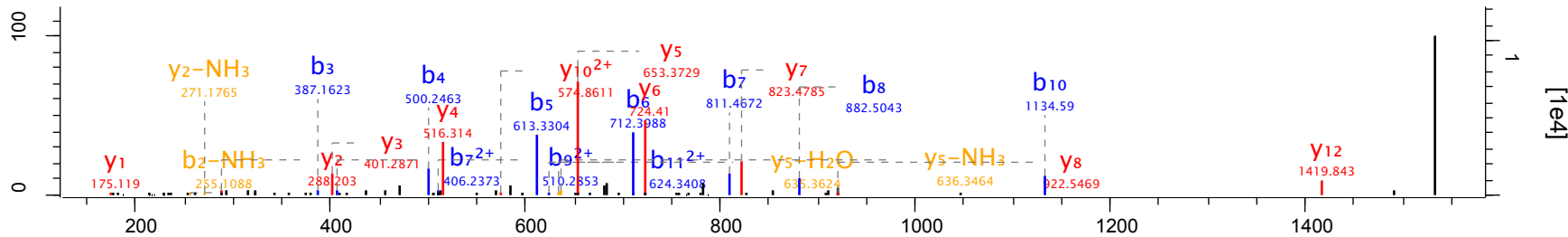
62.34

693.38

IFT88



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract24_dyn_5ul_H8_01_459	28568	TOF; CID	88.71	512.29	FAM118A



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract24_dyn_5ul_H8_01_459

34509

TOF; CID

55.75

823.44

NCKAP5

