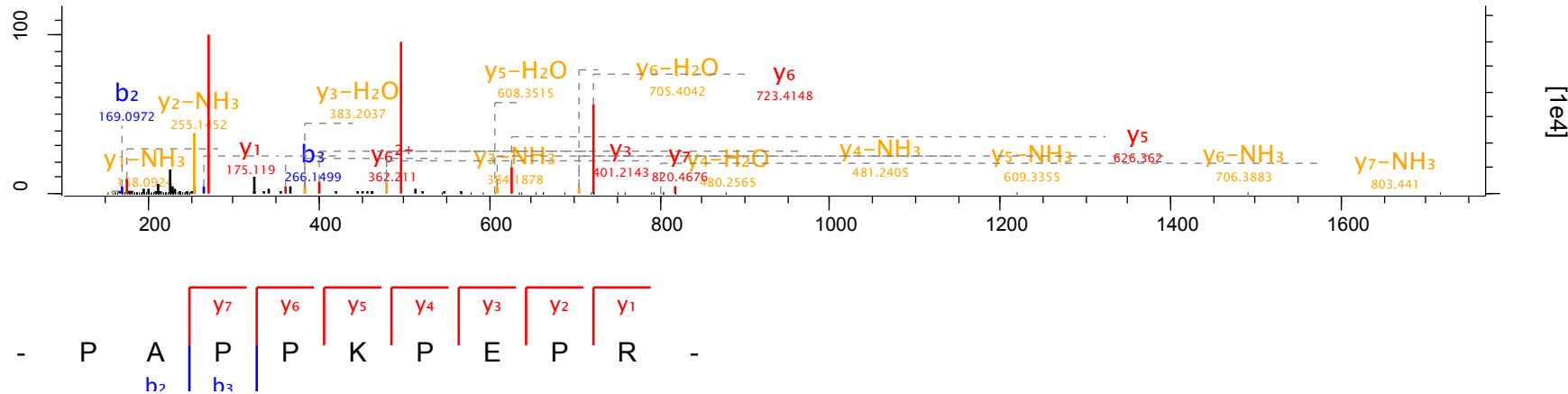
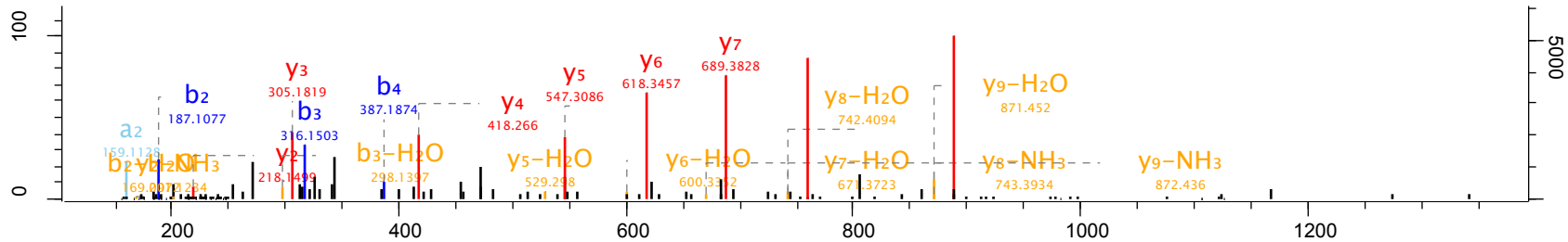


Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract1_dyn_5ul_D1_01_367	5371	TOF; CID	131.06	330.19	HMGN4



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract1_dyn_5ul_D1_01_367	14149	TOF; CID	91.31	538.29	PTMS



Protein sequence: - S V E A A A E L S A K -

Fragmentation sites (b ions): b₂ (between V and E), b₃ (between E and A), b₄ (between A and A).

Fragmentation sites (y ions): y₂ (between A and K), y₃ (between S and A), y₄ (between L and S), y₅ (between E and L), y₆ (between A and E), y₇ (between A and A), y₈ (between A and E), y₉ (between V and E).

Raw file

20140918_fract1_dyn_5ul_D1_01_367

Scan

19764

Method

TOF; CID

Score

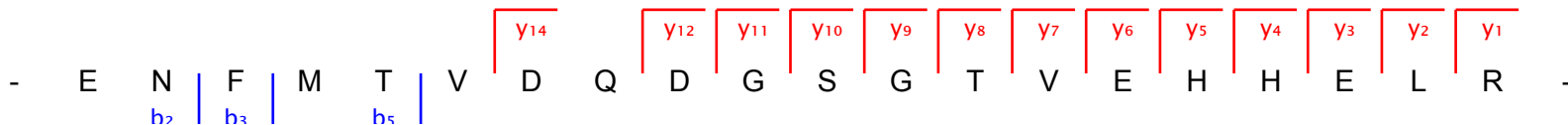
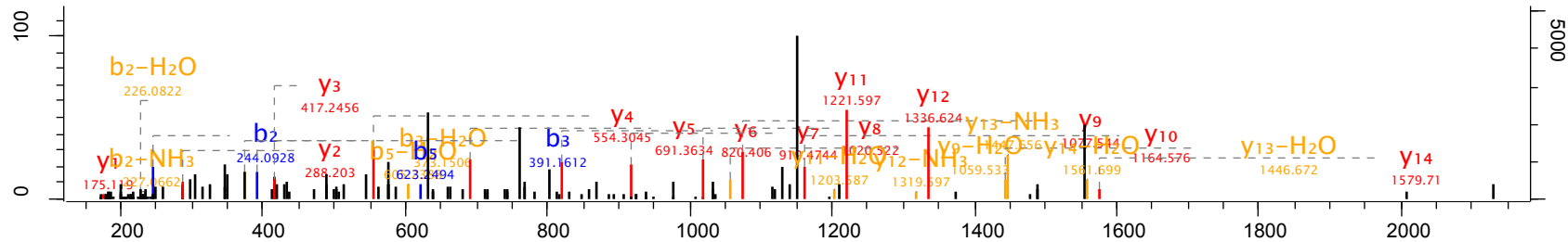
58.71

m/z

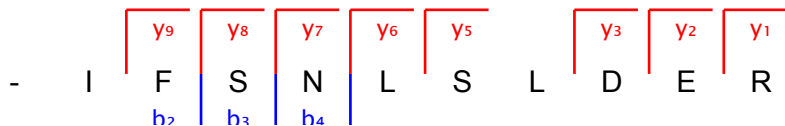
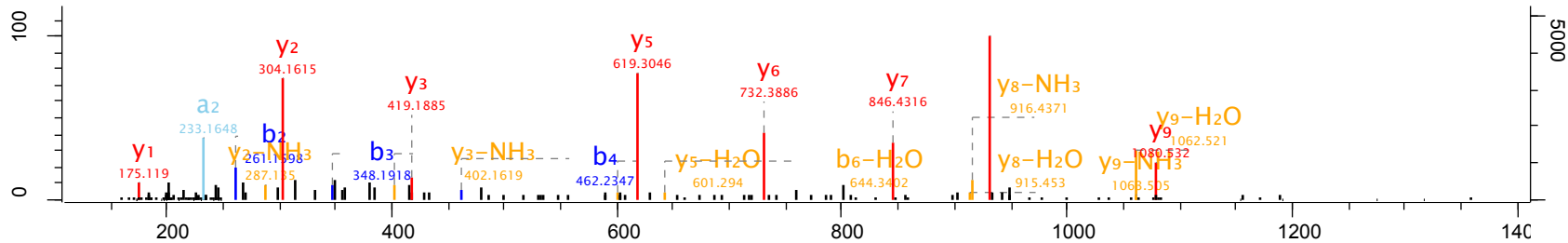
576.26

Gene names

GCA



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract1_dyn_5ul_D1_01_367	25911	TOF; CID	106.4	597.31	FBXL17



Raw file

20140918_fract1_dyn_5ul_D1_01_367

Scan

27688

Method

TOF; CID

Score

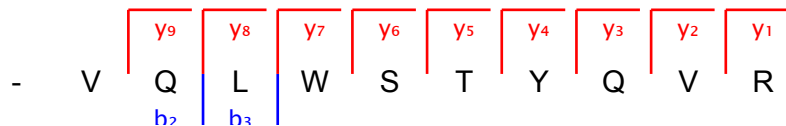
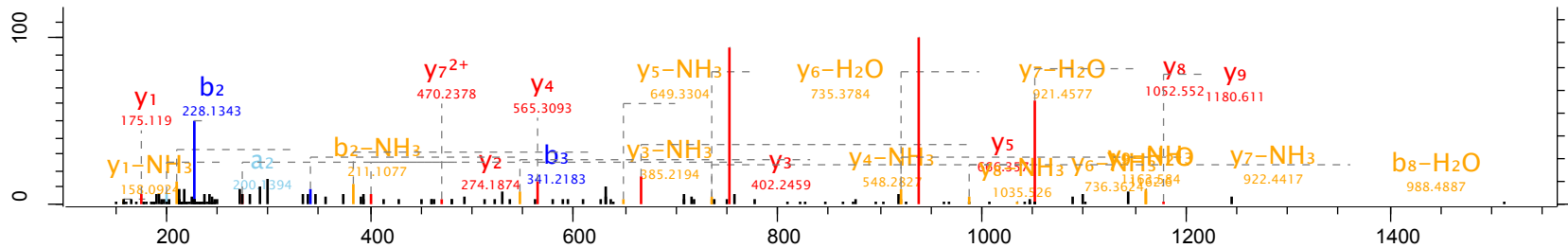
115.78

m/z

640.34

Gene names

METTL23



Raw file

20140918_fract1_dyn_5ul_D1_01_367

Scan

29299

Method

TOF; CID

Score

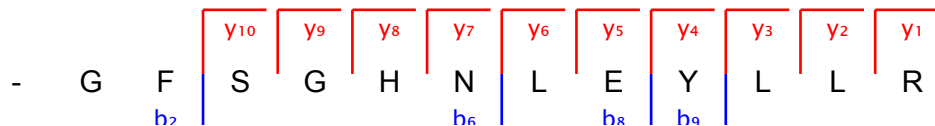
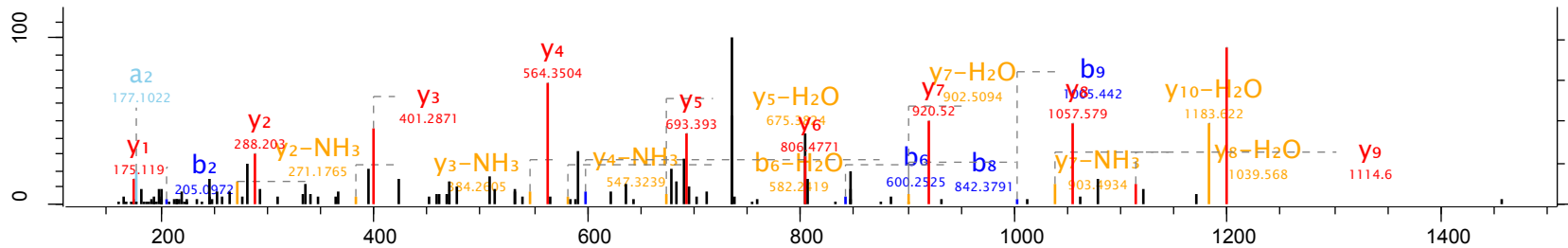
95.27

m/z

469.25

Gene names

CHAC1



Raw file

20140918_fract1_dyn_5ul_D1_01_367

Scan

33339

Method

TOF; CID

Score

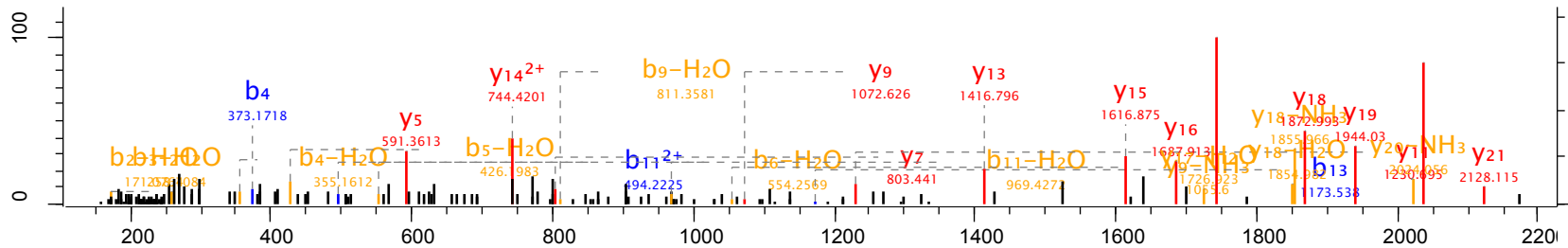
47.56

m/z

772.74

Gene names

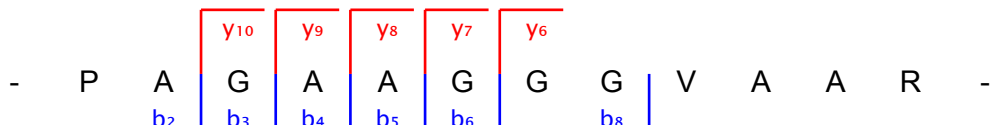
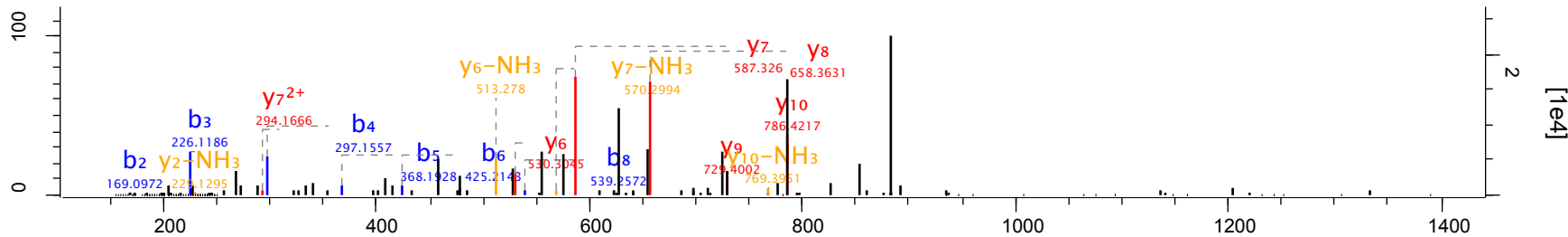
PLLP



- T S S P A Q G A E A S V S A L R P D L G F

y_{21} y_{20} y_{19} y_{18} y_{17} y_{16} y_{15} y_{14}^{2+} y_{13} y_{11} y_9 y_7 y_5
 b_4 b_{11}^{2+} b_{13}

Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract2_dyn_5ul_D2_01_369	8659	TOF; CID	60.17	478.76	EPM2A



Raw file

20140918_fract2_dyn_5ul_D2_01_369

Scan

13430

Method

TOF; CID

Score

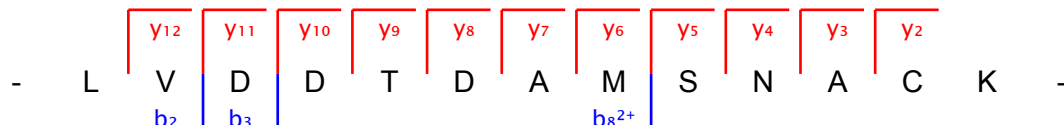
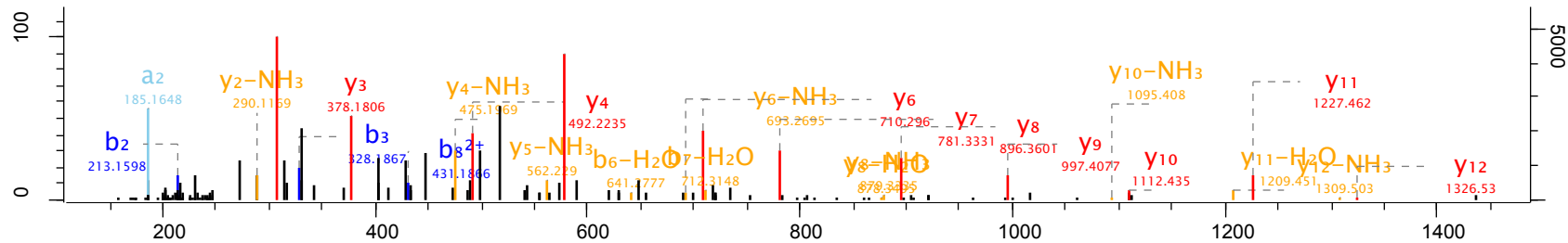
130.56

m/z

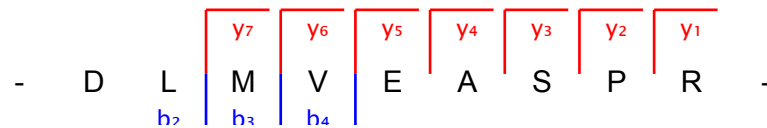
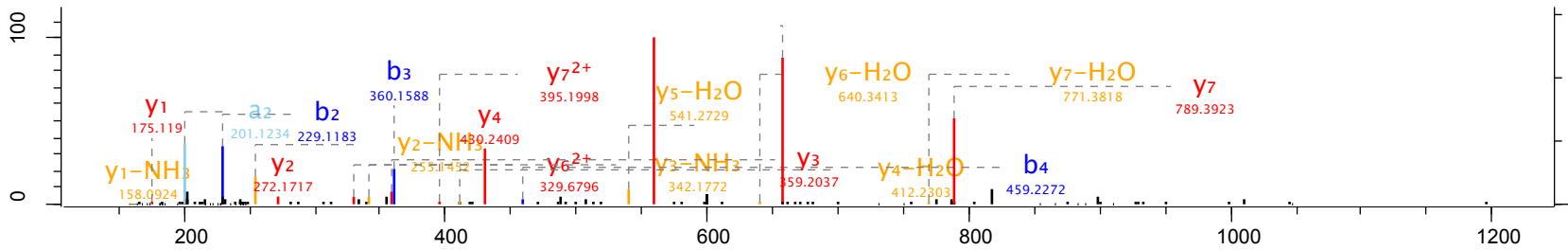
720.31

Gene names

LEPROTL1



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract2_dyn_5ul_D2_01_369	18483	TOF; CID	101.65	509.26	PPP2R2A



[1e4]

Raw file

20140918_fract2_dyn_5ul_D2_01_369

Scan

41437

Method

TOF; CID

Score

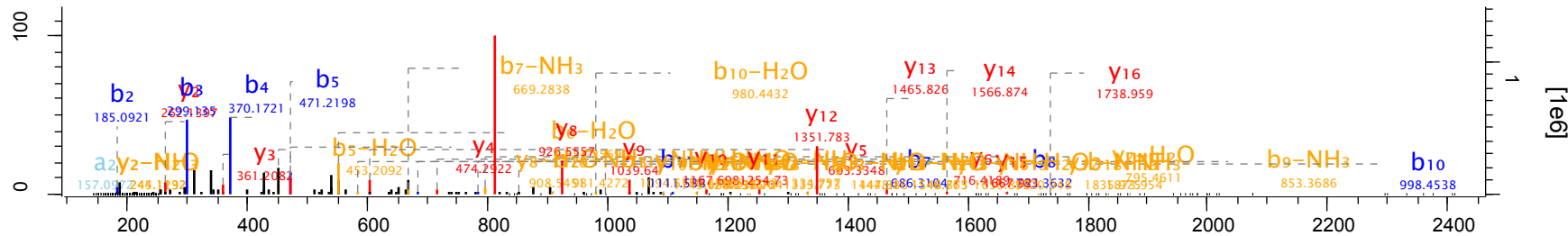
147.64

m/z

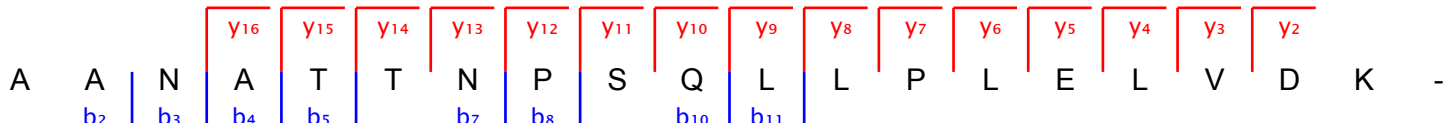
1019.55

Gene names

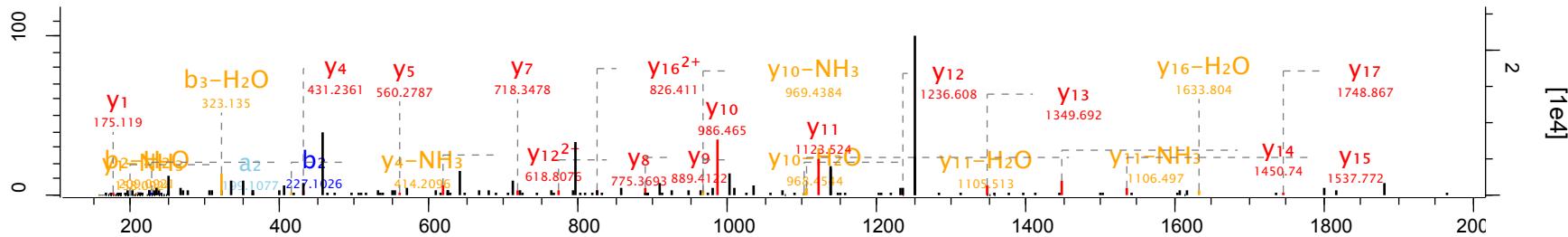
LSM5



ac



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract3_dyn_5ul_D3_01_370	12643	TOF; CID	39.39	627.31	CYBRD1



- E P N S T I L H P N G G T E Q G A R -
 b₂

Red brackets above the sequence indicate the following y-ion fragmentation sites: y17 (P-N), y16²⁺ (N-S), y15 (S-T), y14 (T-I), y13 (I-L), y12 (L-H), y11 (H-P), y10 (P-N), y9 (N-G), y8 (G-G), y7 (G-T), y5 (E-Q), y4 (Q-G), and y1 (A-R).

Raw file

20140918_fract3_dyn_5ul_D3_01_370

Scan

18788

Method

TOF; CID

Score

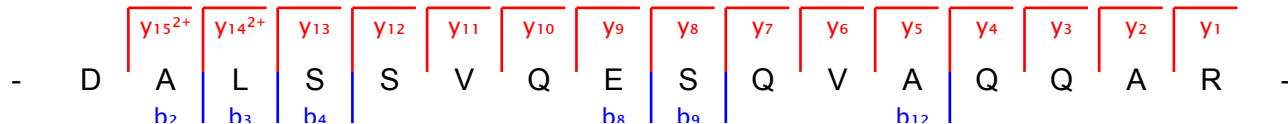
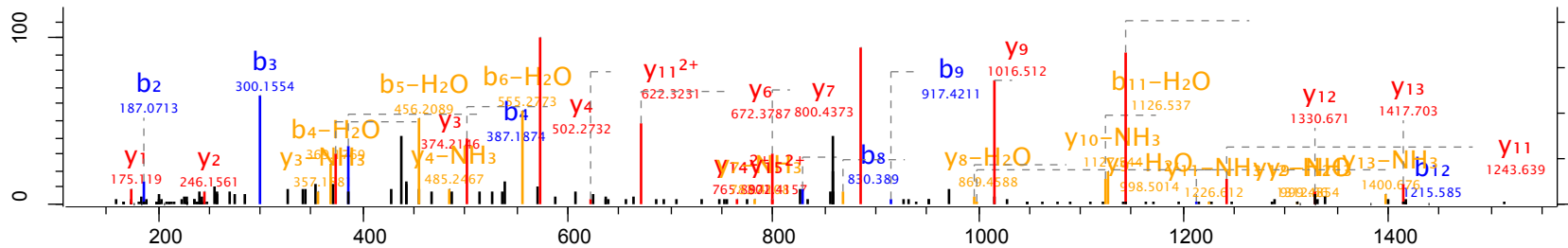
136.81

m/z

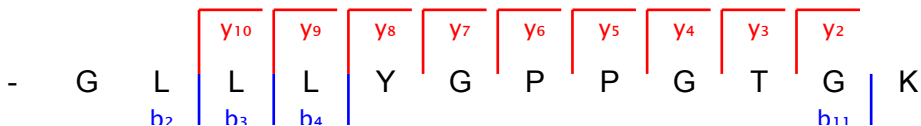
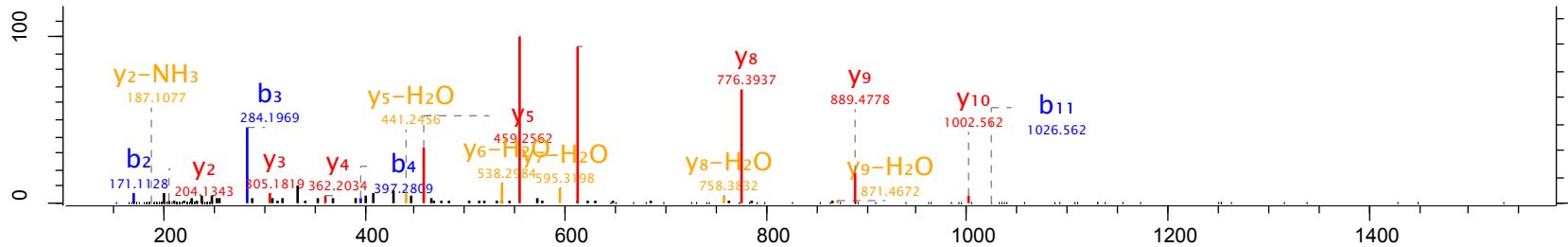
858.93

Gene names

APOC3

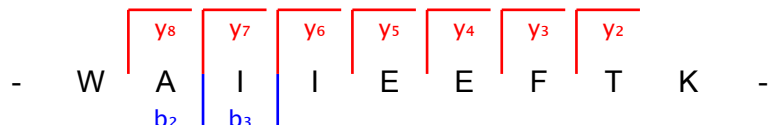
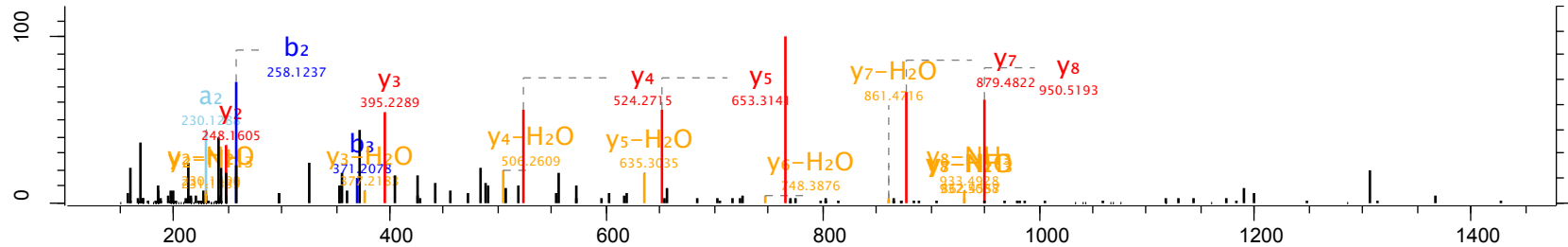


Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract3_dyn_5ul_D3_01_370	27345	TOF; CID	89.3	586.84	KATNAL2



[1e4]

Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract3_dyn_5ul_D3_01_370	35999	TOF; CID	113.71	568.8	MT-ND2



Raw file

20140918_fract4_dyn_5ul_D4_01_371

Scan

7729

Method

TOF; CID

Score

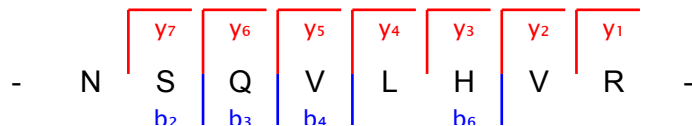
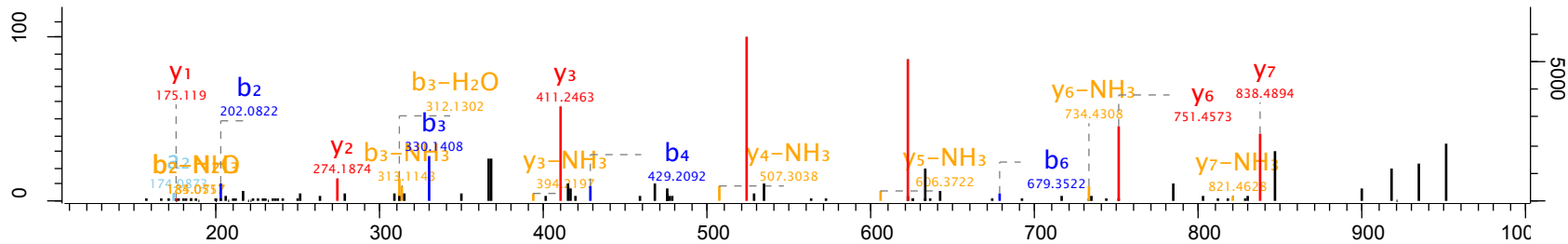
109.48

m/z

476.77

Gene names

ENTPD7



Raw file

20140918_fract4_dyn_5ul_D4_01_371

Scan

8826

Method

TOF; CID

Score

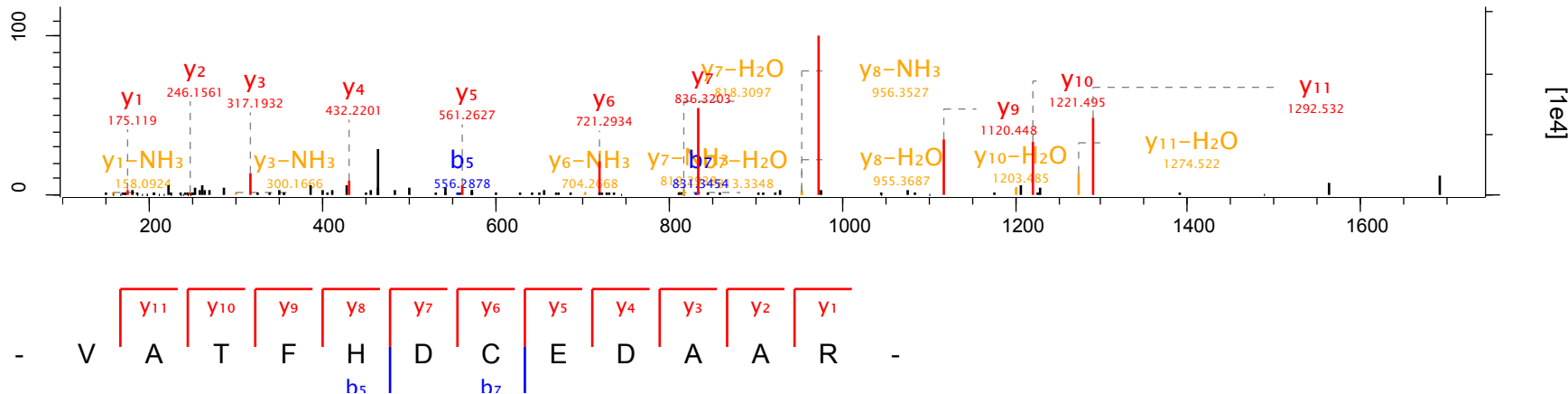
90.79

m/z

464.54

Gene names

DPM3



Raw file

20140918_fract4_dyn_5ul_D4_01_371

Scan

13366

Method

TOF; CID

Score

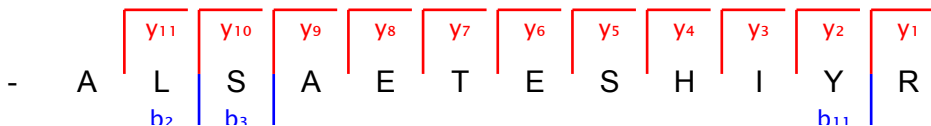
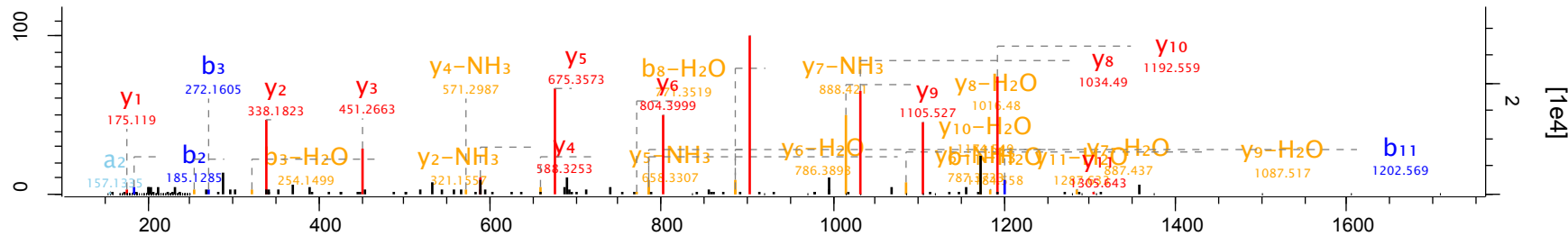
151.98

m/z

459.56

Gene names

CYB561D2



Raw file

20140918_fract4_dyn_5ul_D4_01_371

Scan

22016

Method

TOF; CID

Score

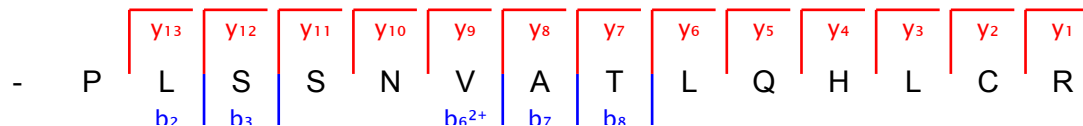
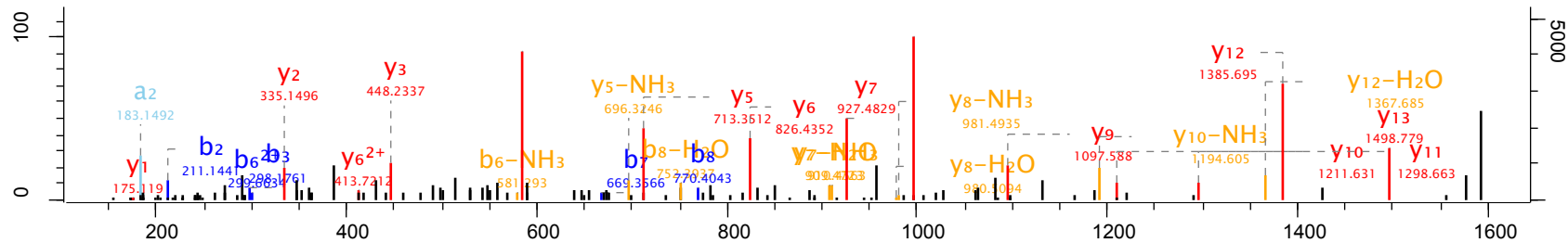
119.87

m/z

532.62

Gene names

SOCS3



Raw file

20140918_fract4_dyn_5ul_D4_01_371

Scan

32344

Method

TOF; CID

Score

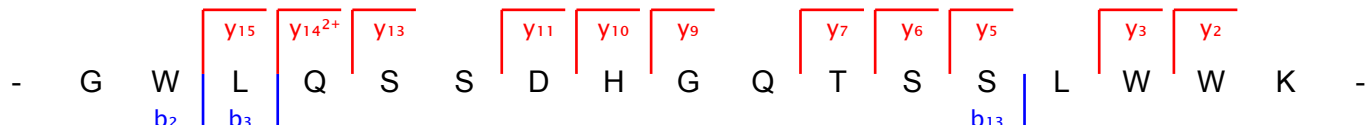
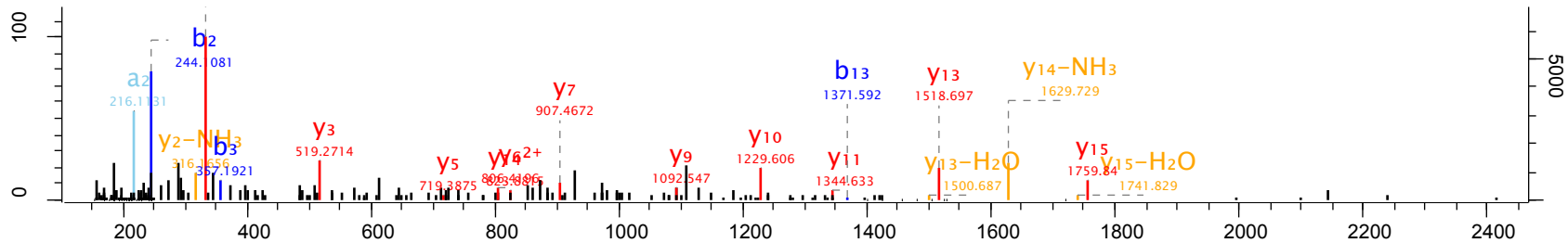
66.83

m/z

668.65

Gene names

PERP



Raw file

20140918_fract4_dyn_5ul_D4_01_371

Scan

38454

Method

TOF; CID

Score

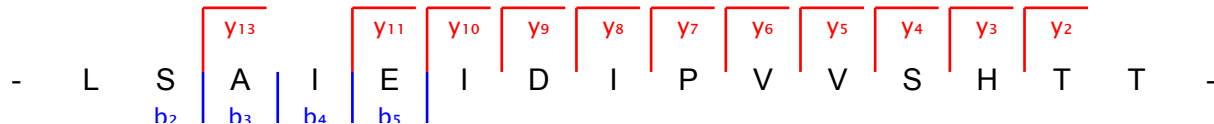
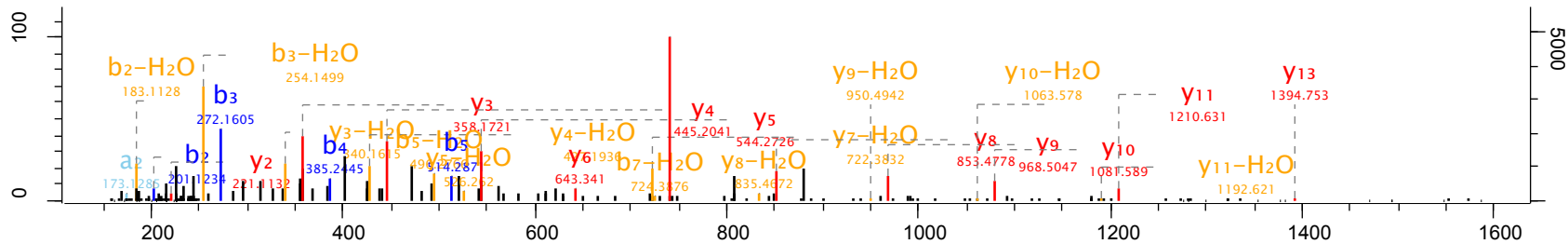
141.58

m/z

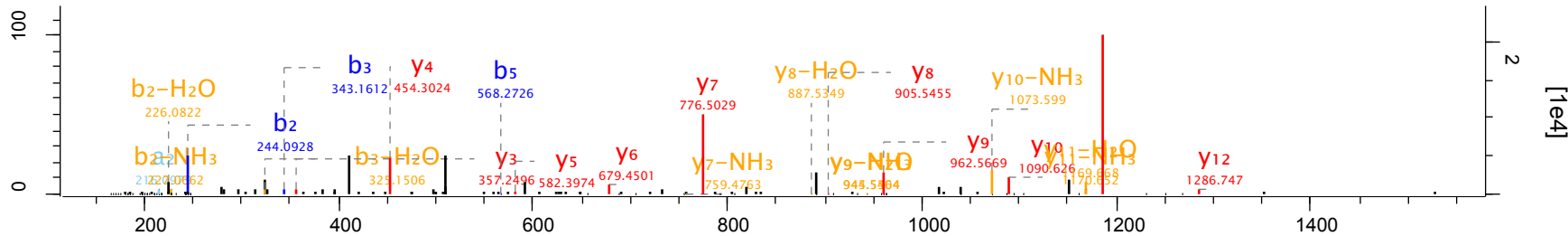
797.94

Gene names

CLDN12

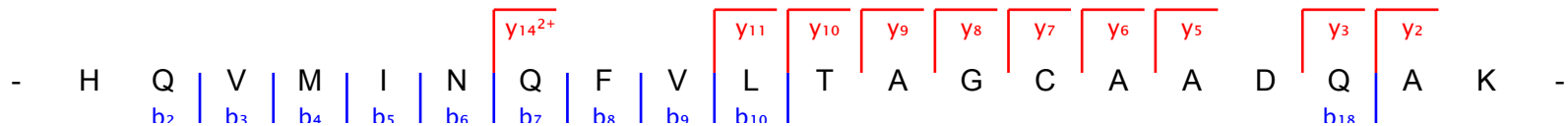
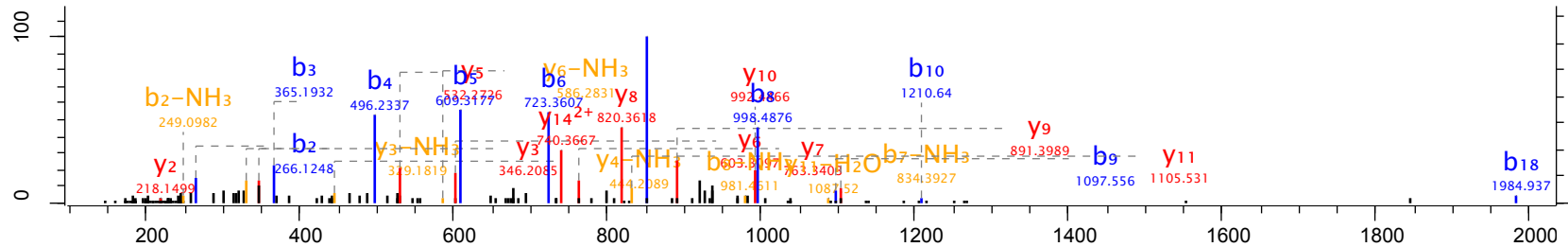


Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract5_dyn_5ul_D5_01_372	14907	TOF; CID	94.02	510.62	IFI27L2

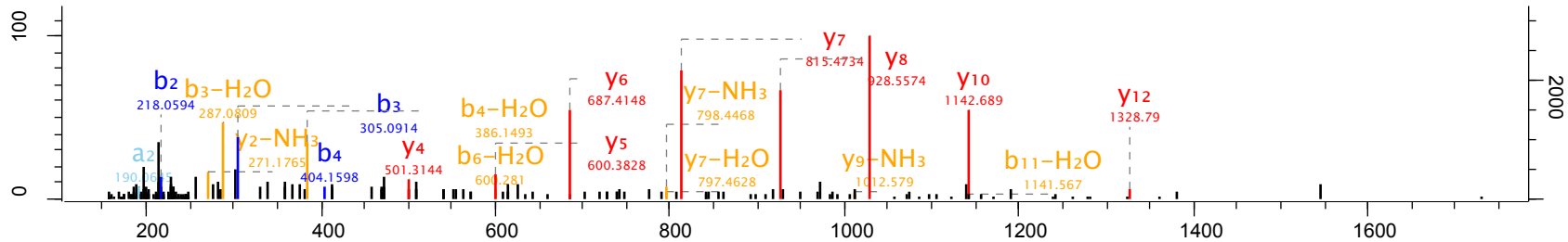


- E N V P Q G E P P K P P L K -
 b₂ b₃ b₅
 y₁₂ y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₅ y₄ y₃

Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract5_dyn_5ul_D5_01_372	30562	TOF; CID	100.02	735.03	UBALD1

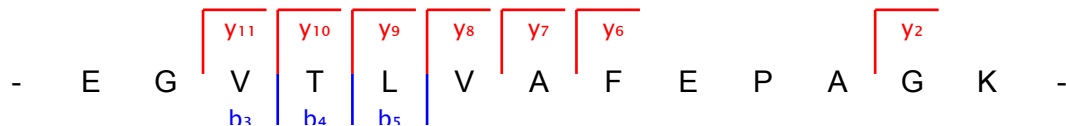
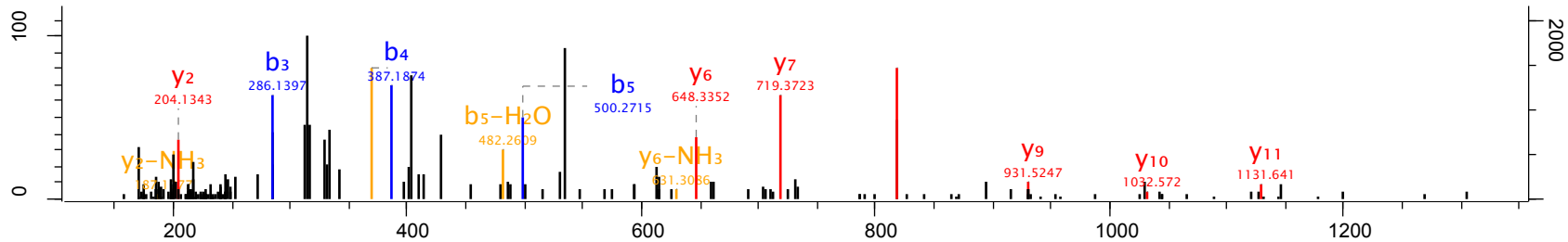


Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract5_dyn_5ul_D5_01_372	33628	TOF; CID	64.1	773.43	PIGL



- G C S V L T L Q S V N V L R -
 b₂ b₃ b₄ y₁₂ y₁₀ y₉ y₈ y₇ y₆ y₅ y₄

Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract5_dyn_5ul_D5_01_372	34434	TOF; CID	59.23	659.36	CDC14B



Raw file

20140918_fract5_dyn_5ul_D5_01_372

Scan

37423

Method

TOF; CID

Score

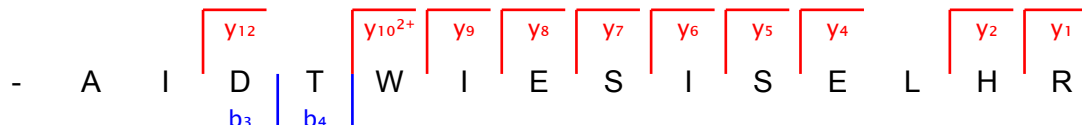
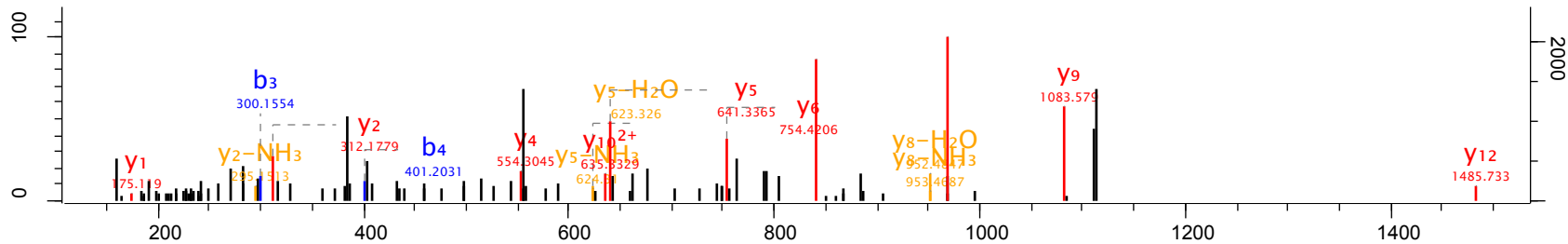
54.09

m/z

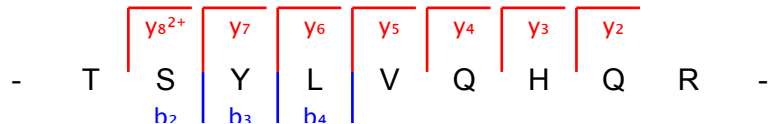
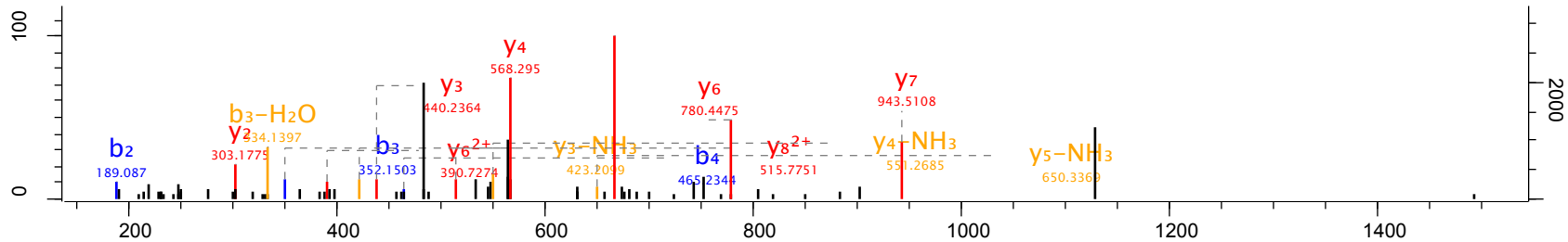
557.29

Gene names

IFT46



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract6_dyn_5ul_D6_01_373	7562	TOF; CID	91.07	566.3	ZKSCAN4



Raw file

20140918_fract6_dyn_5ul_D6_01_373

Scan

13691

Method

TOF; CID

Score

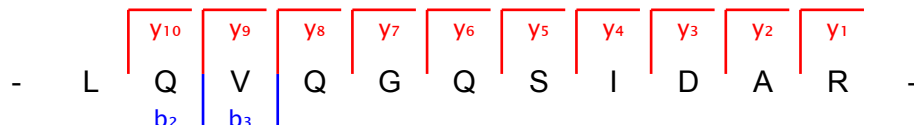
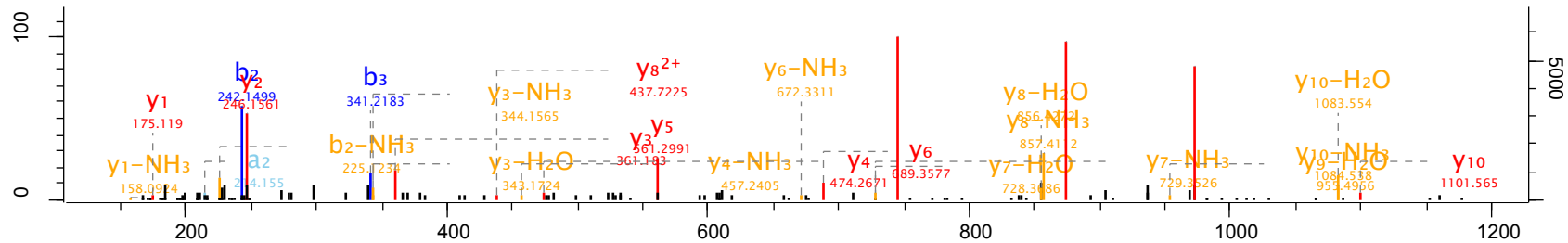
133.42

m/z

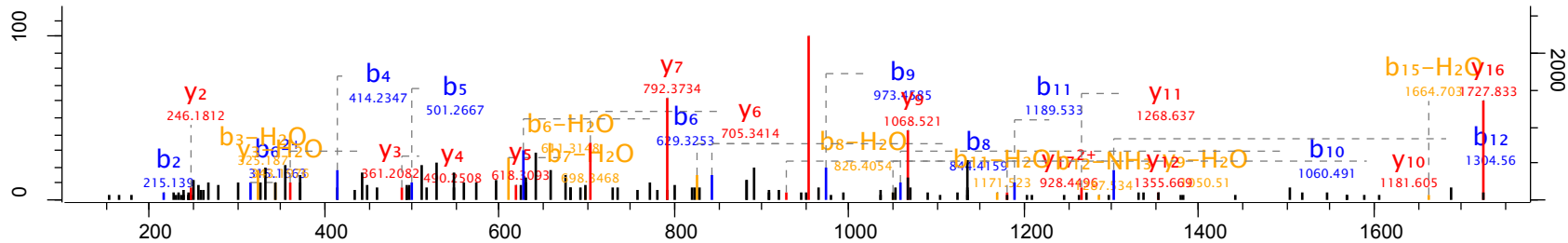
607.83

Gene names

SLC25A14



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract6_dyn_5ul_D6_01_373	21525	TOF; CID	54.87	1137.52	MDM2



- I T Q A S Q S Q E S E D Y S Q P S T S S S
 b₂ | b₄ | b₅ | b₆ | b₈ | b₉ | b₁₀ | b₁₁ | b₁₂
 y₁₇²⁺ | y₁₆ | y₁₂ | y₁₁

Raw file

20140918_fract6_dyn_5ul_D6_01_373

Scan

22016

Method

TOF; CID

Score

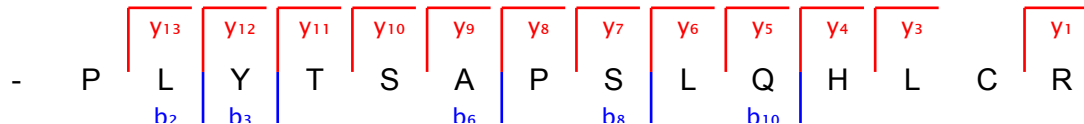
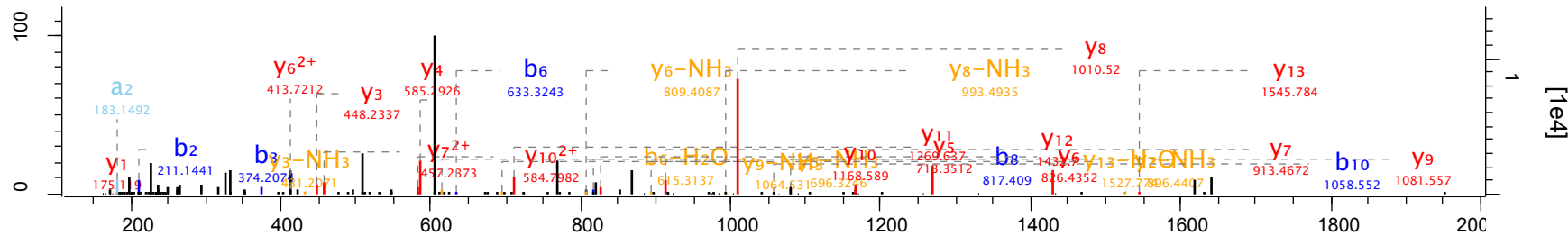
102.52

m/z

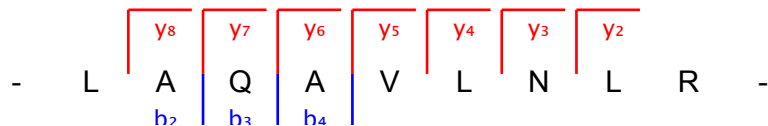
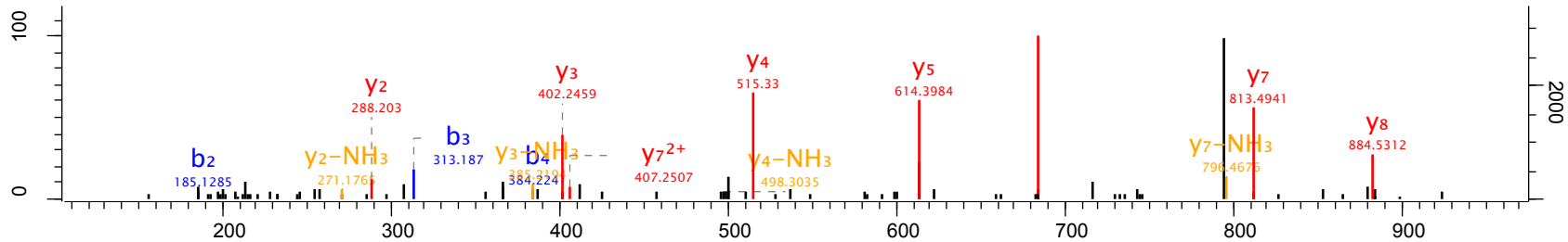
548.28

Gene names

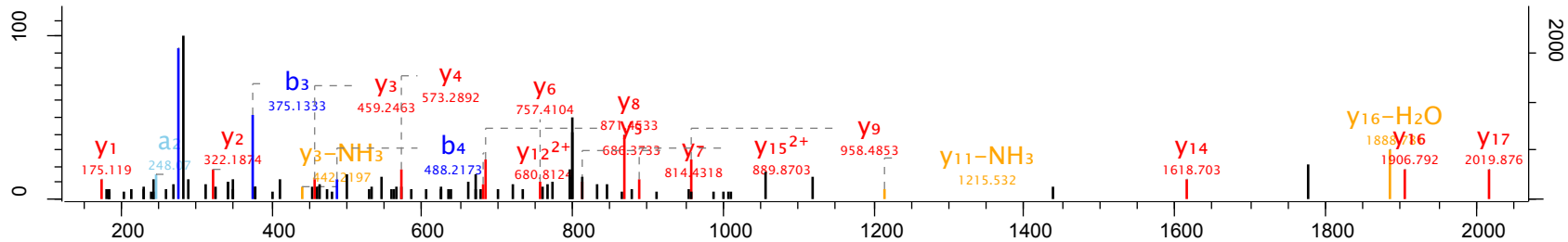
SOCS2



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract6_dyn_5ul_D6_01_373	22980	TOF; CID	93.16	499.31	ZBTB26



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract7_dyn_5ul_D7_01_393	19337	TOF; CID	73.93	799.01	PGAP3



Raw file

20140918_fract7_dyn_5ul_D7_01_393

Scan

26476

Method

TOF; CID

Score

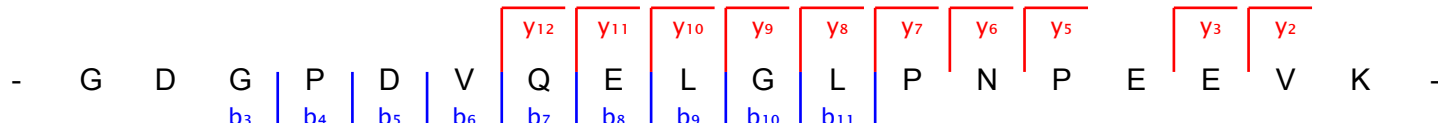
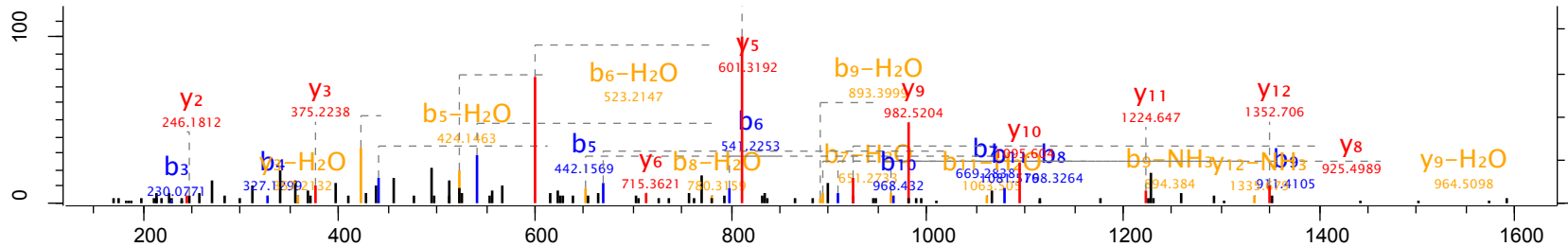
100.45

m/z

946.97

Gene names

PAGE1



Raw file

20140918_fract8_dyn_5ul_D8_01_394

Scan

17254

Method

TOF; CID

Score

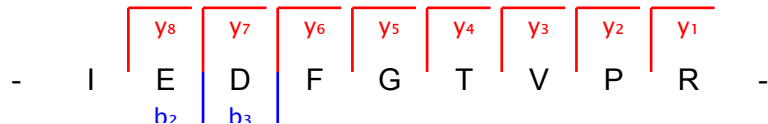
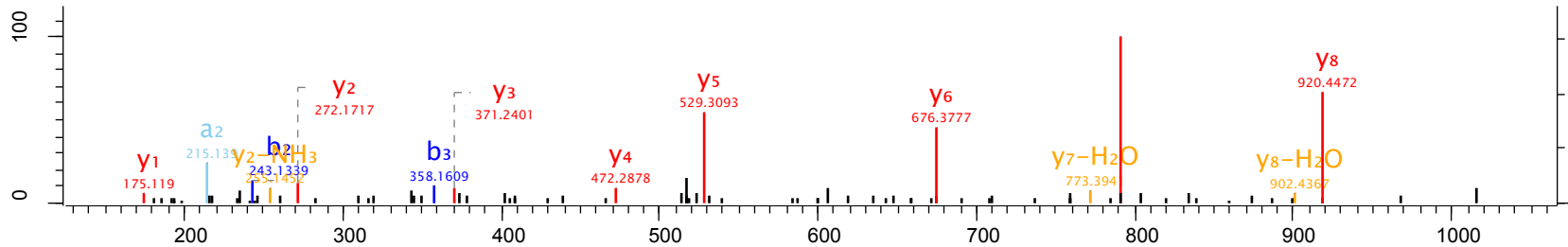
90.15

m/z

517.27

Gene names

CGRRF1



Raw file

20140918_fract8_dyn_5ul_D8_01_394

Scan

23593

Method

TOF; CID

Score

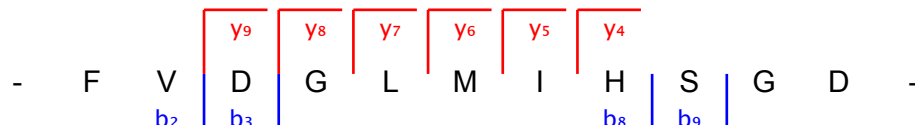
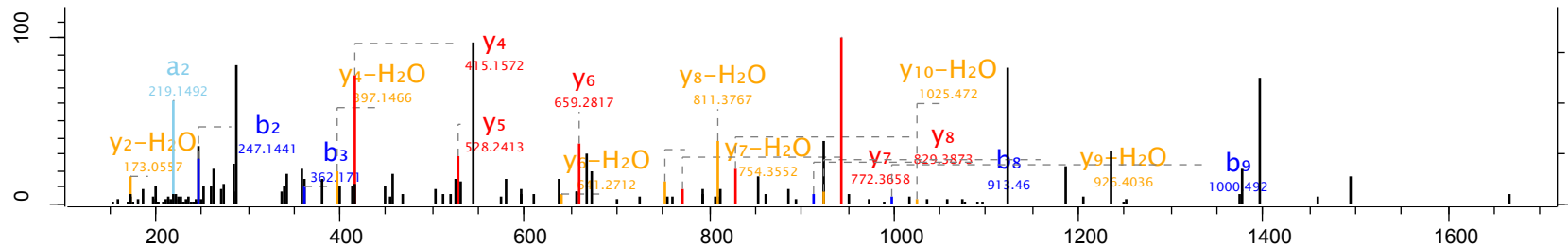
76.28

m/z

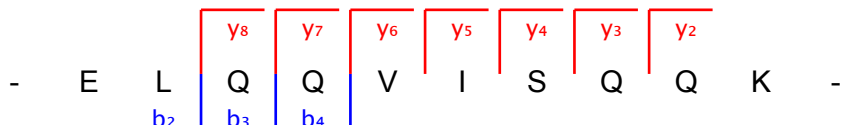
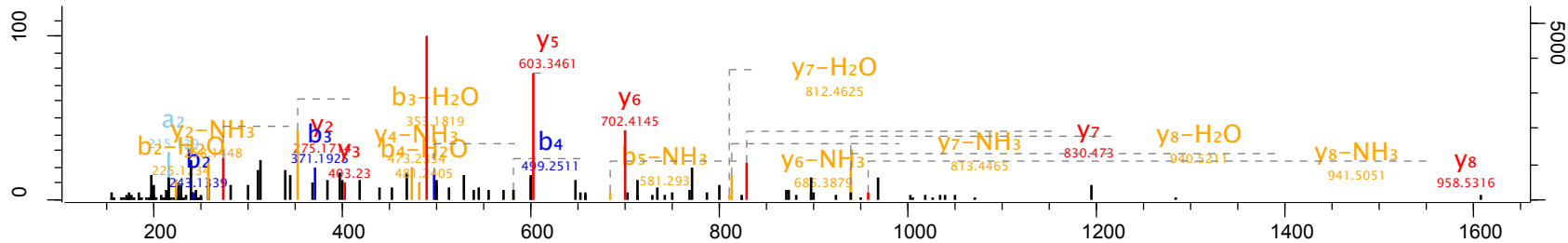
595.28

Gene names

RPS3



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract9_dyn_5ul_E1_01_377	14012	TOF; CID	110.38	600.83	SPATA24



Raw file

20140918_fract9_dyn_5ul_E1_01_377

Scan

15473

Method

TOF; CID

Score

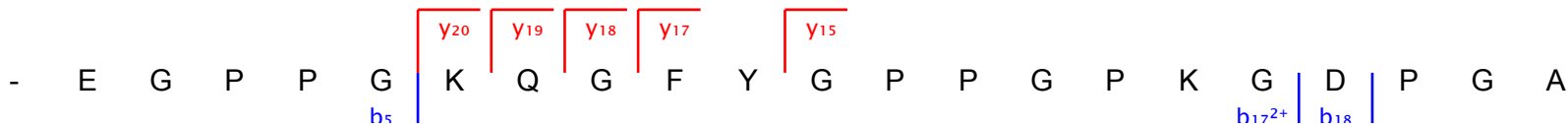
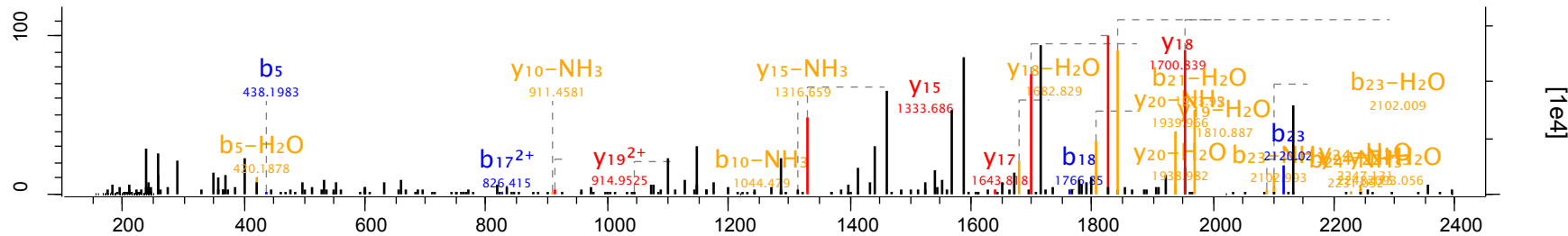
41.91

m/z

599.55

Gene names

COL16A1



Raw file

Scan

Method

Score

m/z

Gene names

20140918_fract9_dyn_5ul_E1_01_377

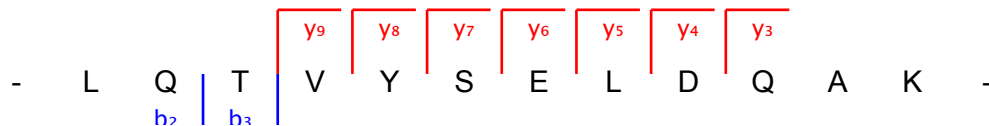
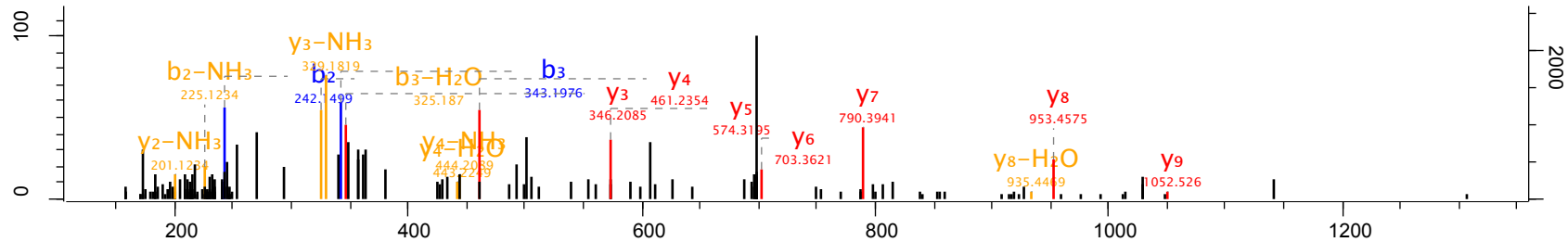
21888

TOF; CID

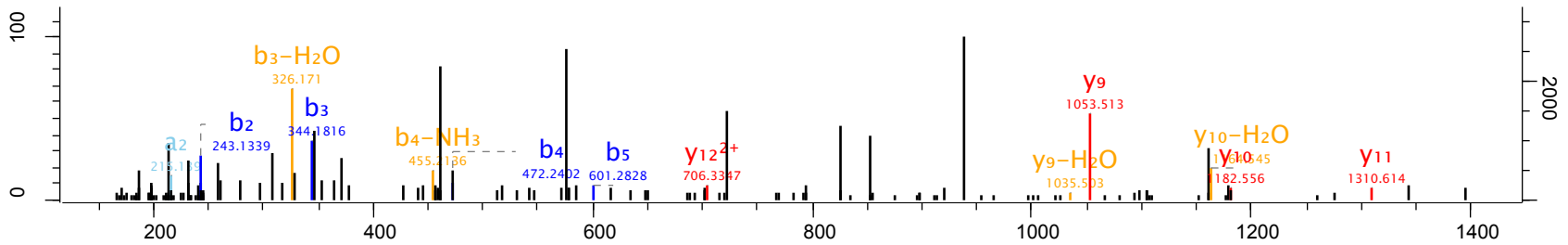
72.29

698.36

TRAIP



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract9_dyn_5ul_E1_01_377	29824	TOF; CID	59.23	827.4	SYCP1



Raw file

20140918_fract9_dyn_5ul_E1_01_377

Scan

29965

Method

TOF; CID

Score

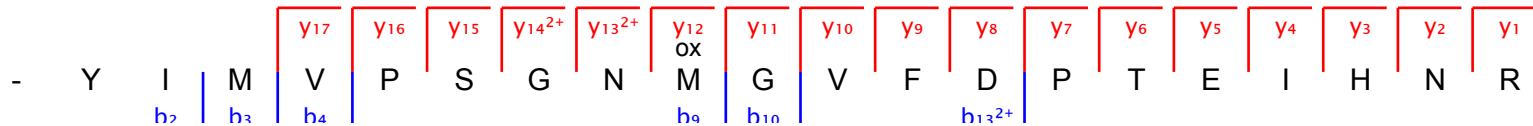
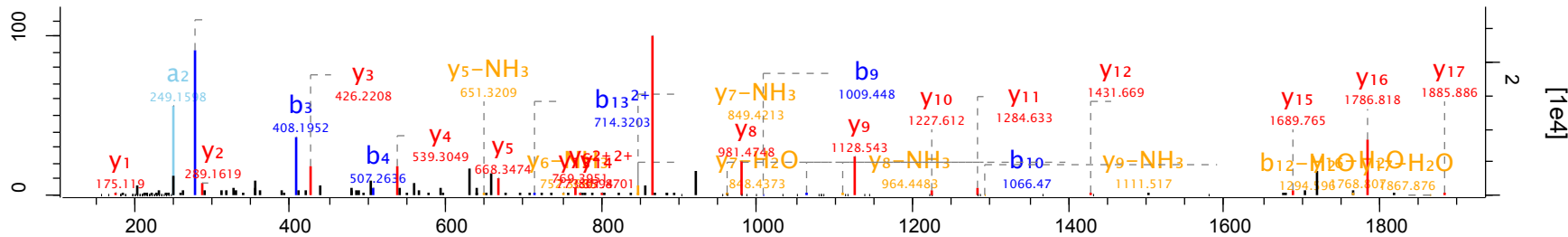
121.44

m/z

765.37

Gene names

CNIH4



Raw file

20140918_fract9_dyn_5ul_E1_01_377

Scan

38027

Method

TOF; CID

Score

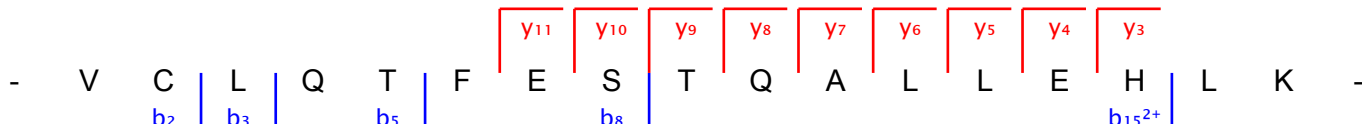
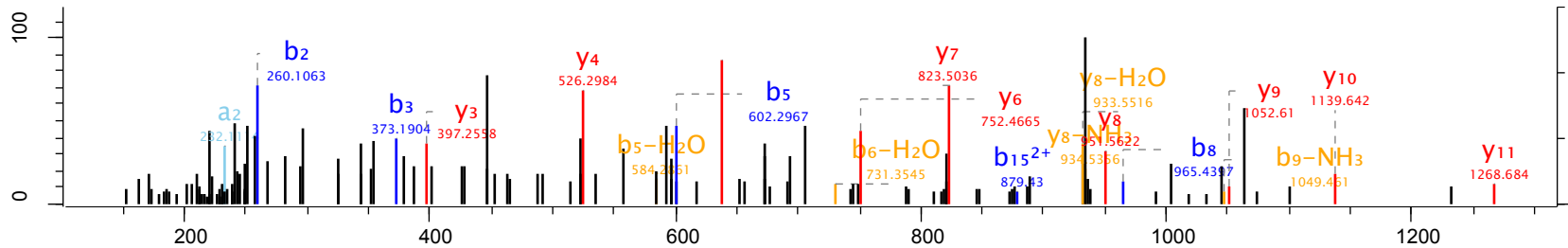
61.13

m/z

673.02

Gene names

PLAGL2



Raw file

20140918_fract10_dyn_5ul_E2_01_378

Scan

6158

Method

TOF; CID

Score

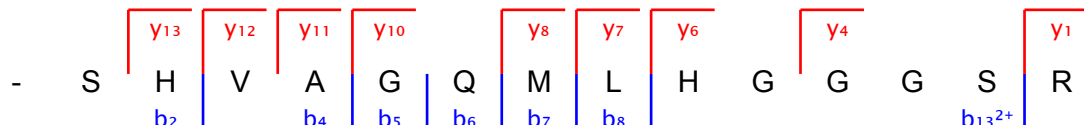
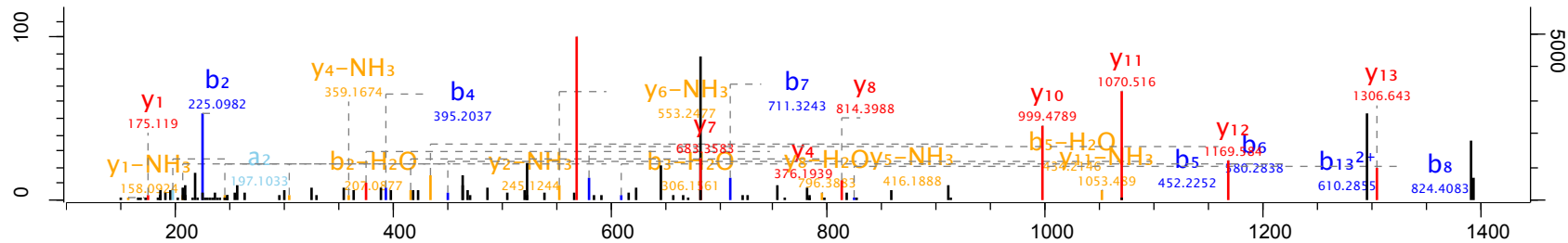
75.32

m/z

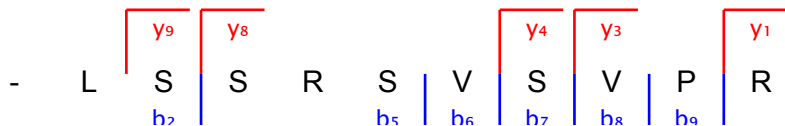
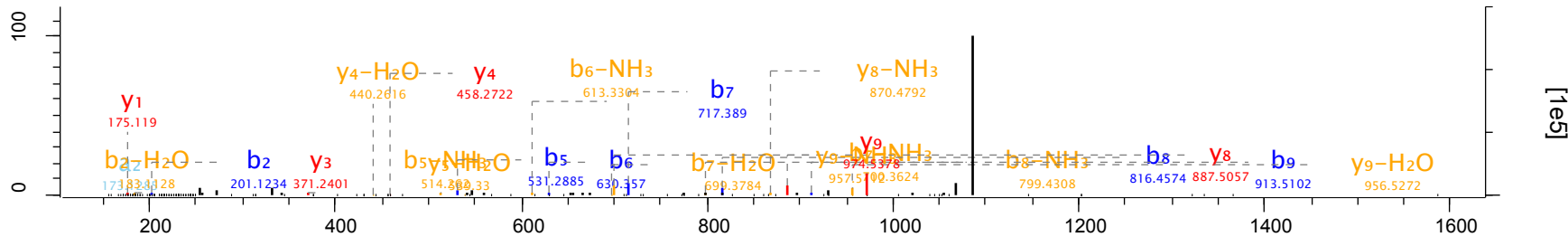
465.23

Gene names

CRAT



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract10_dyn_5ul_E2_01_378	10459	TOF; CID	125.74	545.32	PRICKLE2



Raw file

20140918_fract10_dyn_5ul_E2_01_378

Scan

26649

Method

TOF; CID

Score

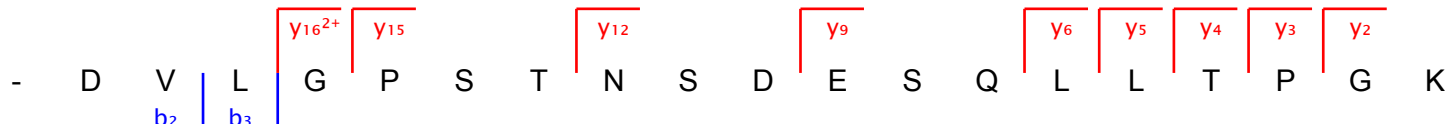
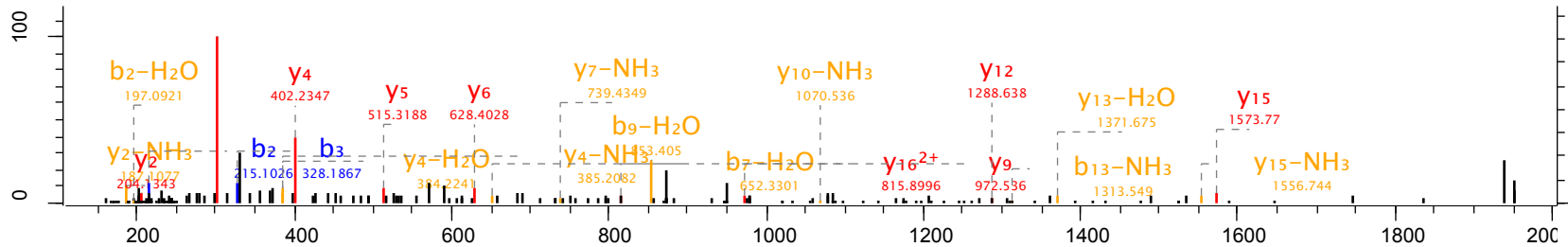
43.33

m/z

979.49

Gene names

OSBPL8



Raw file

20140918_fract10_dyn_5ul_E2_01_378

Scan

30767

Method

TOF; CID

Score

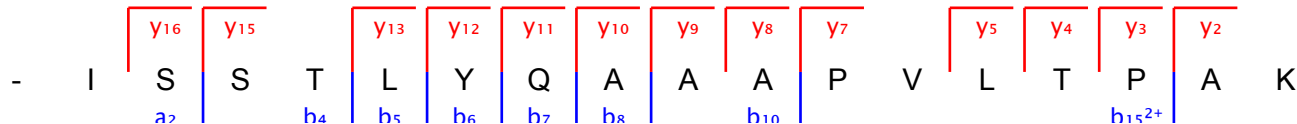
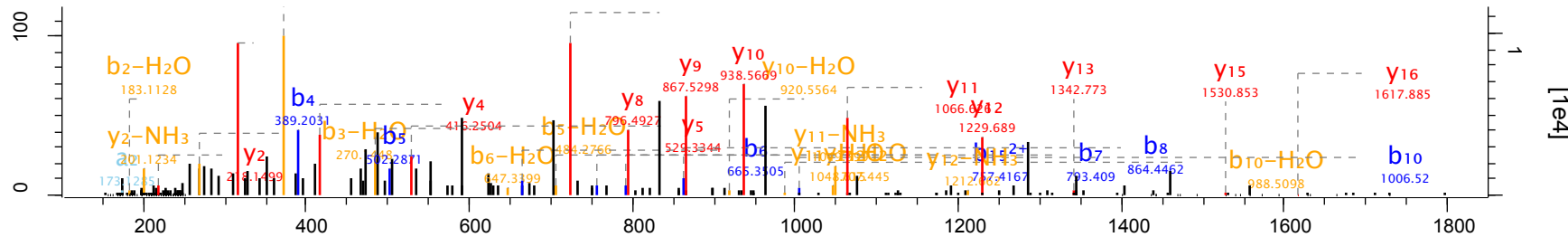
120.9

m/z

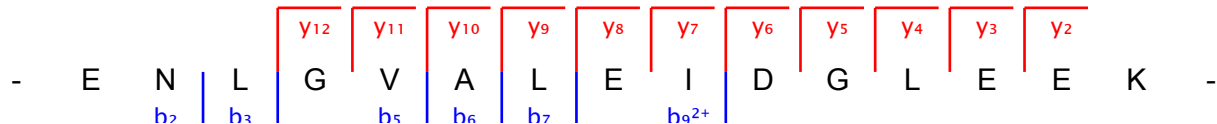
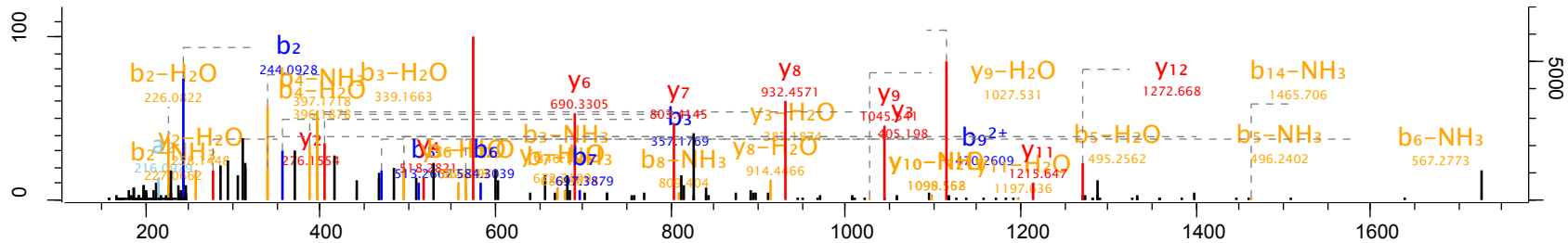
865.99

Gene names

KRTCAP2



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract10_dyn_5ul_E2_01_378	34653	TOF; CID	137.89	814.92	CCDC167



Raw file

Scan

Method

Score

m/z

Gene names

20140918_fract11_dyn_5ul_E3_01_379

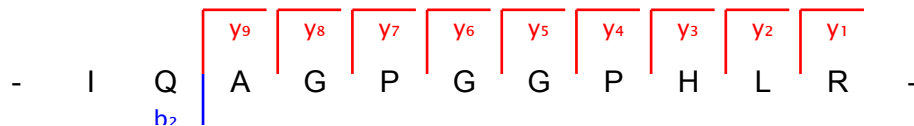
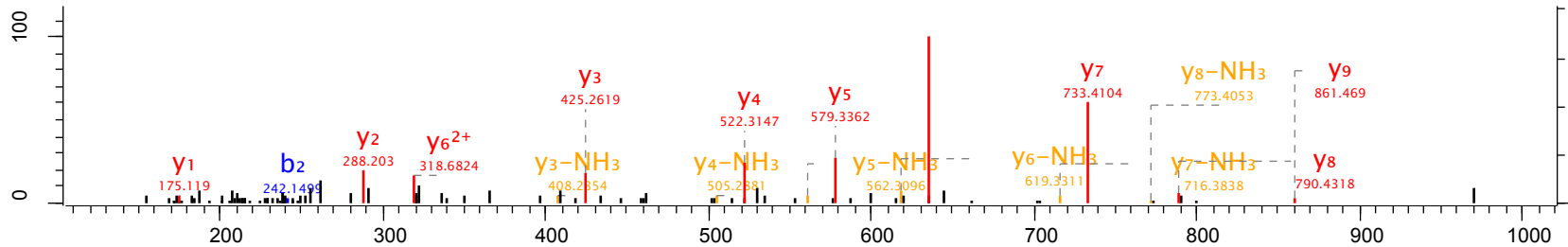
9894

TOF; CID

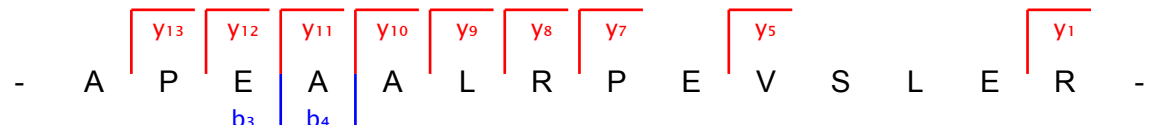
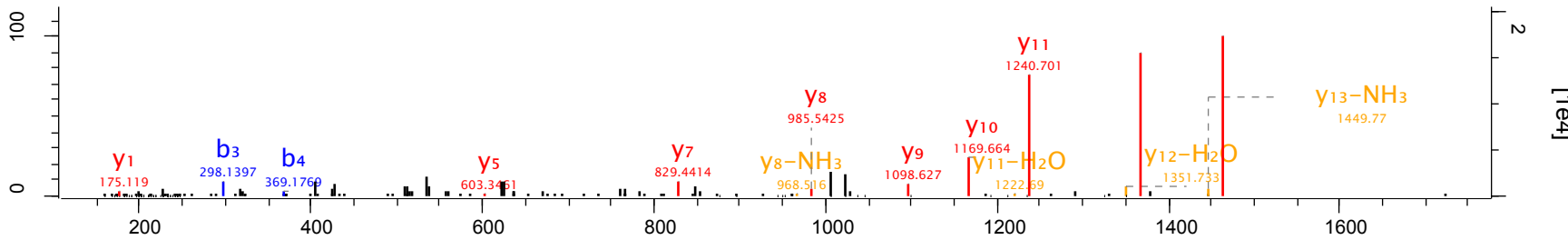
74.53

368.21

SPATA24

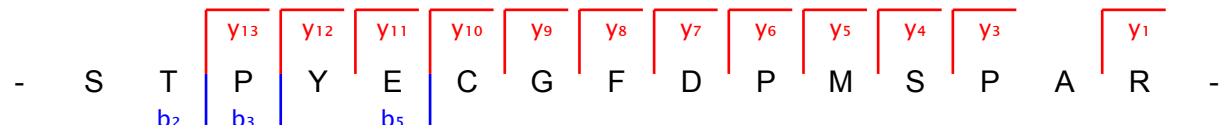
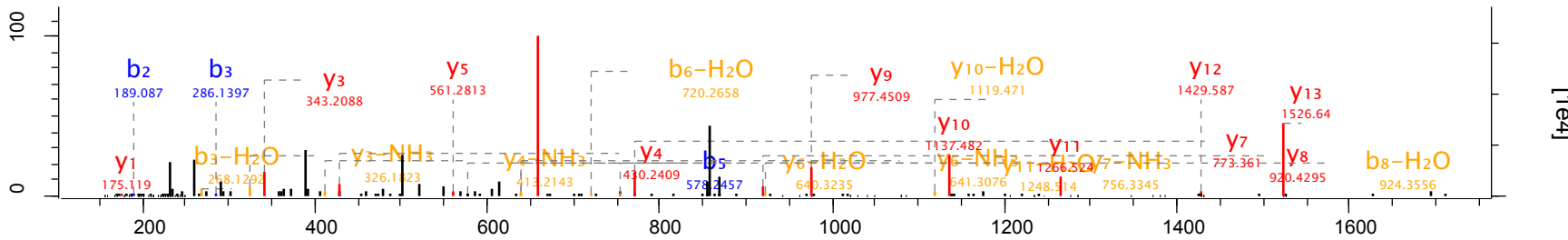


Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract11_dyn_5ul_E3_01_379	20243	TOF; CID	61.41	513.28	MYEOV2



Raw file
 20140918_fract11_dyn_5ul_E3_01_379

Scan	Method	Score	m/z	Gene names
24909	TOF; CID	83.82	857.86	MT-ND3



Raw file

20140918_fract11_dyn_5ul_E3_01_379

Scan

32811

Method

TOF; CID

Score

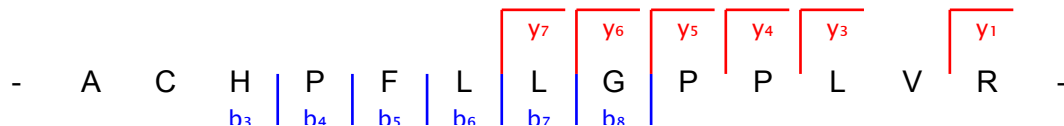
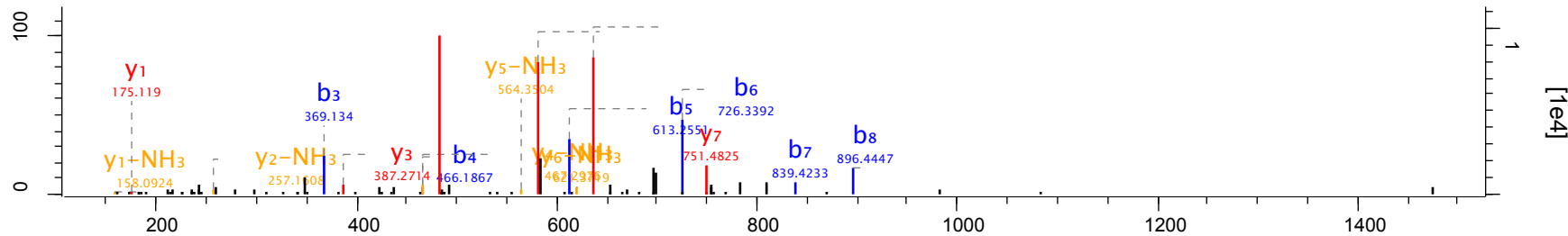
69.72

m/z

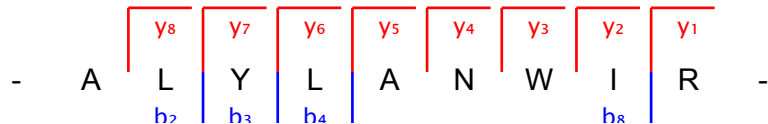
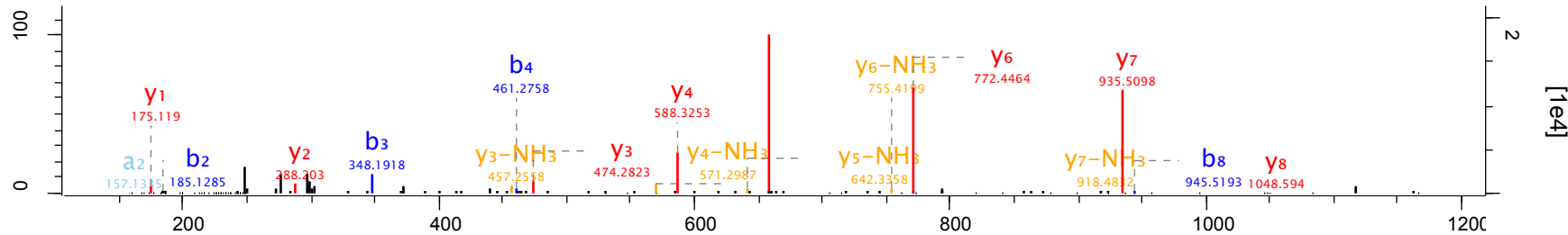
493.28

Gene names

TOR1AIP2



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract11_dyn_5ul_E3_01_379	36638	TOF; CID	139.88	560.32	KDEL3



Raw file

20140918_fract12_dyn_5ul_E4_01_380

Scan

6672

Method

TOF; CID

Score

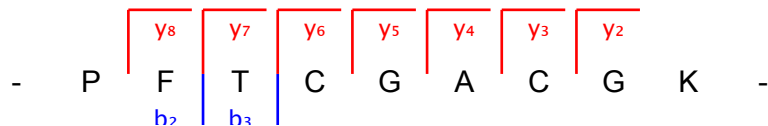
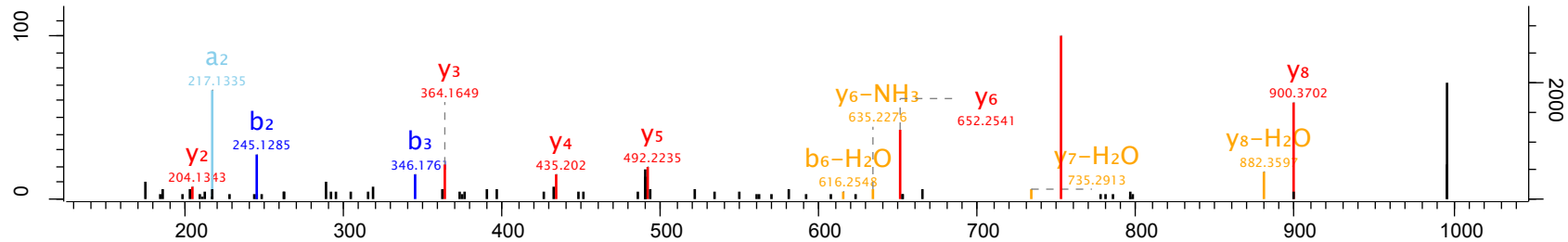
87.64

m/z

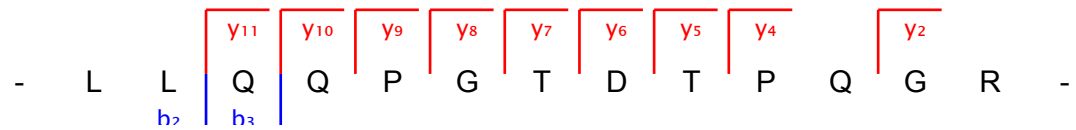
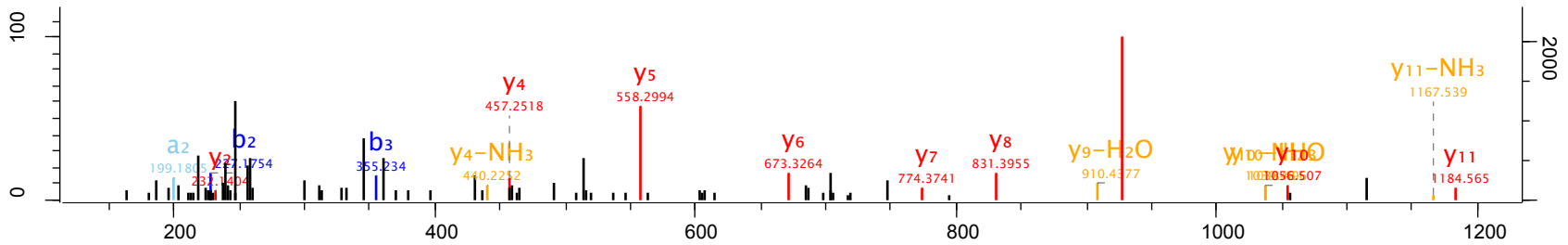
499.22

Gene names

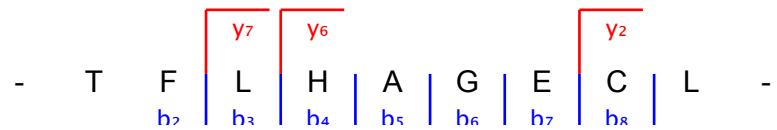
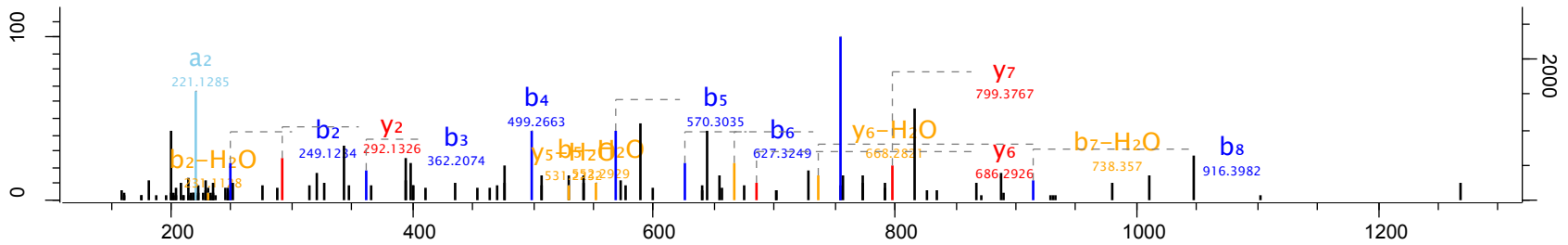
ZNF580



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract12_dyn_5ul_E4_01_380	11045	TOF; CID	64.22	705.87	SAMD10



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract12_dyn_5ul_E4_01_380	21996	TOF; CID	89.35	524.25	BTN2A2



Raw file

20140918_fract12_dyn_5ul_E4_01_380

Scan

26404

Method

TOF; CID

Score

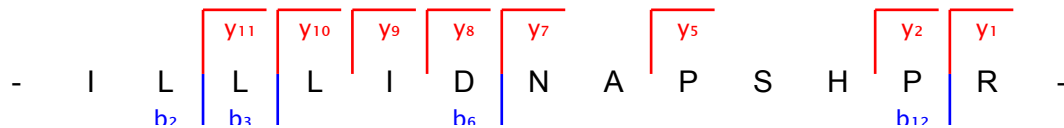
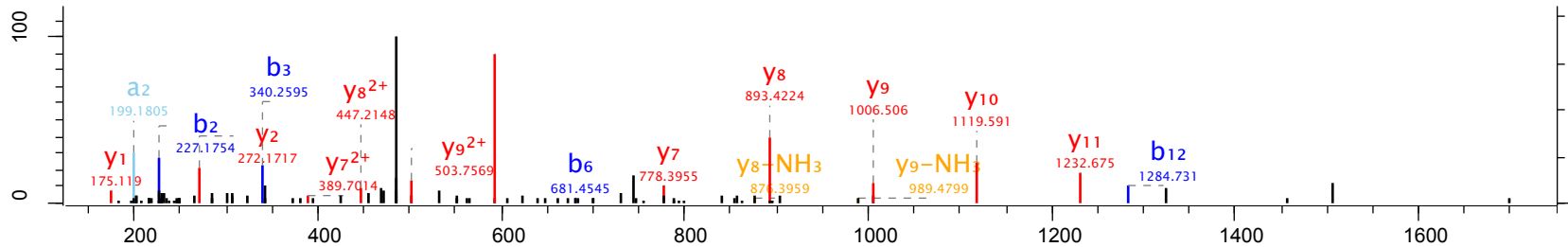
90.79

m/z

486.95

Gene names

TIGD1



Raw file

20140918_fract13_dyn_5ul_E5_01_381

Scan

22797

Method

TOF; CID

Score

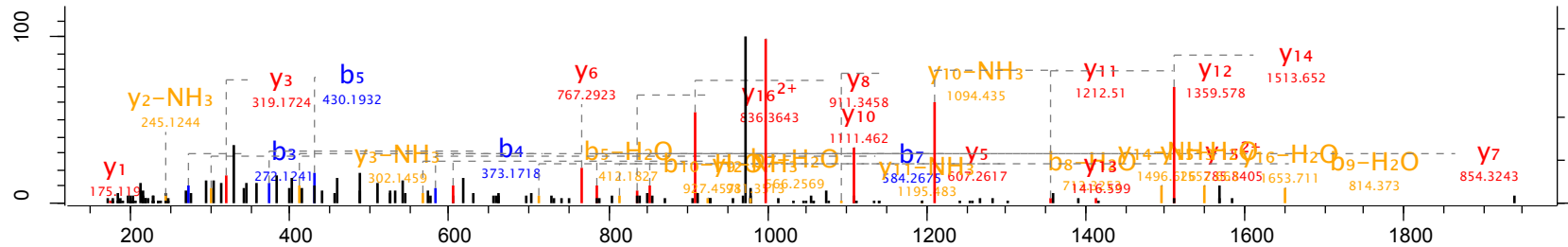
63.49

m/z

972.43

Gene names

LYPD3



- D G V T G P G F T L S G S C C Q G S R -

y_{16}^{2+} y_{15}^{2+} y_{14} y_{13} y_{12} y_{11} y_{10} y_9 y_8 y_7 y_6 y_5 y_3 y_1
 b_3 b_4 b_5 b_7

Raw file

20140918_fract13_dyn_5ul_E5_01_381

Scan

27792

Method

TOF; CID

Score

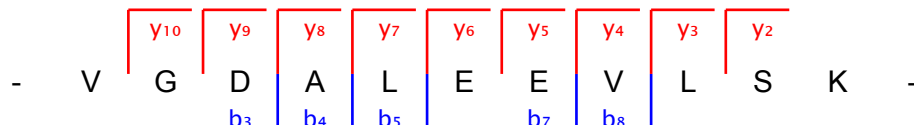
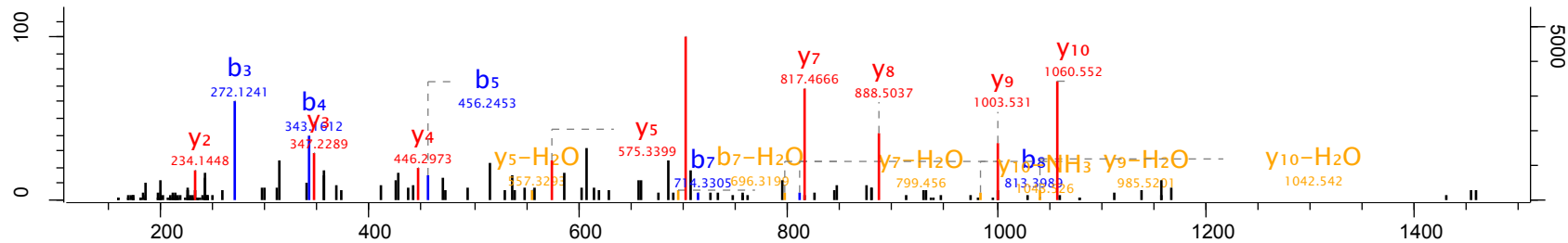
73.08

m/z

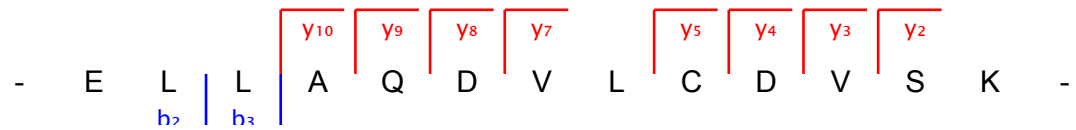
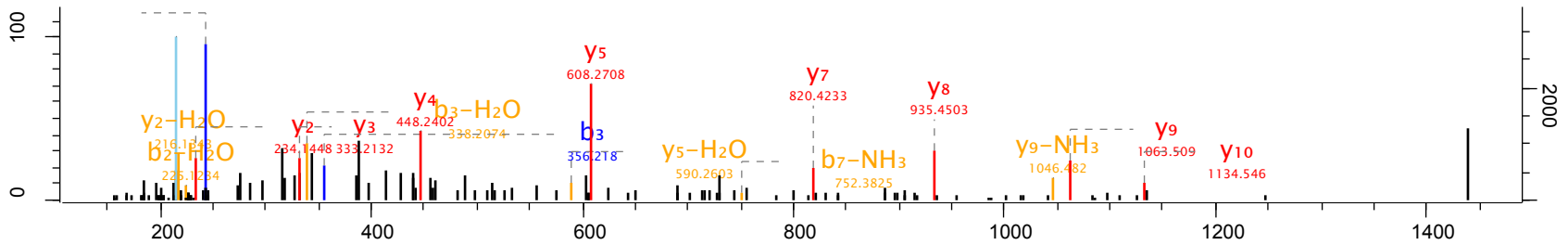
580.31

Gene names

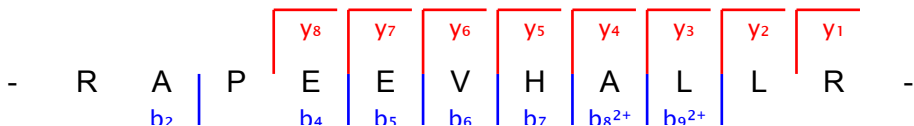
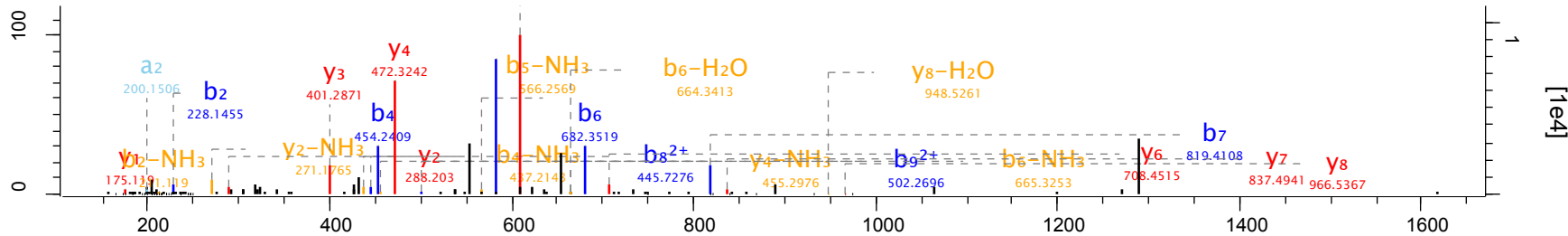
GADD45A



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract13_dyn_5ul_E5_01_381	33194	TOF; CID	74.99	745.38	PPARGC1B



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract14_dyn_5ul_E6_01_382	13466	TOF; CID	103.69	430.92	DPY19L3



Raw file

20140918_fract14_dyn_5ul_E6_01_382

Scan

20987

Method

TOF; CID

Score

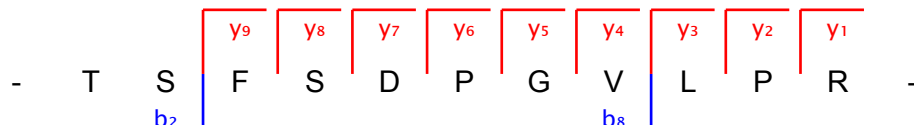
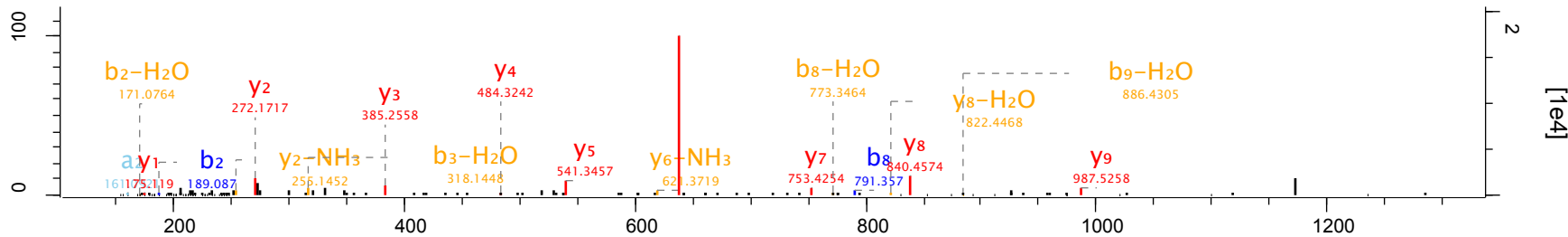
69.72

m/z

588.31

Gene names

ZDHHC14



Raw file

20140918_fract14_dyn_5ul_E6_01_382

Scan

25573

Method

TOF; CID

Score

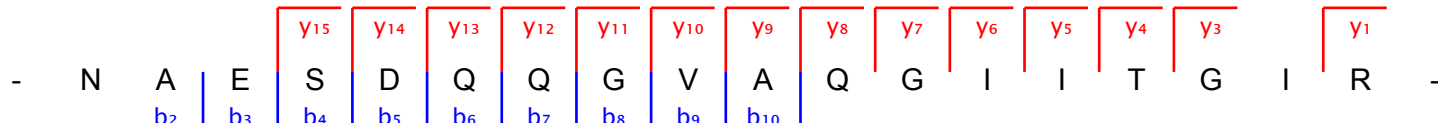
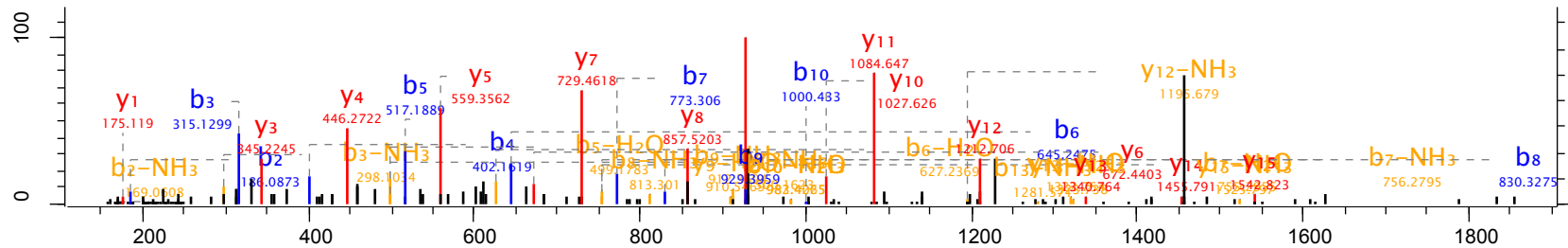
163.45

m/z

929.48

Gene names

HIATL1



Raw file

20140918_fract14_dyn_5ul_E6_01_382

Scan

34095

Method

TOF; CID

Score

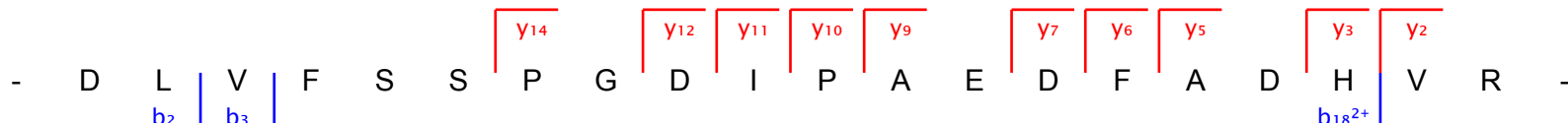
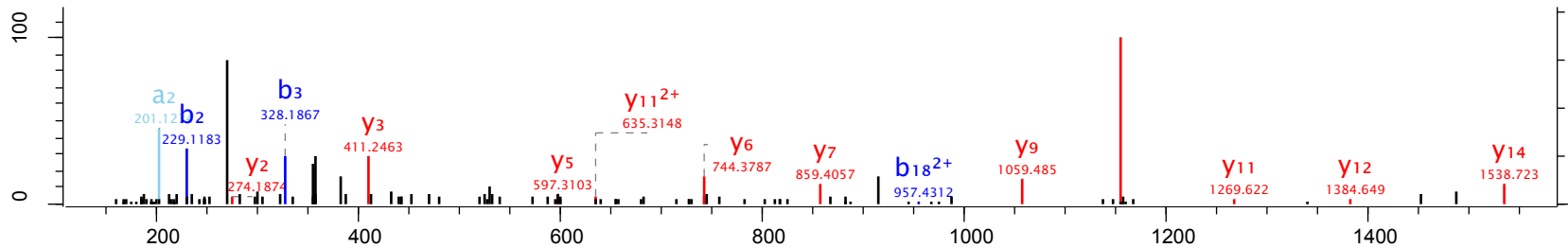
37.88

m/z

730.02

Gene names

PTPRH



Raw file

20140918_fract14_dyn_5ul_E6_01_382

Scan

38899

Method

TOF; CID

Score

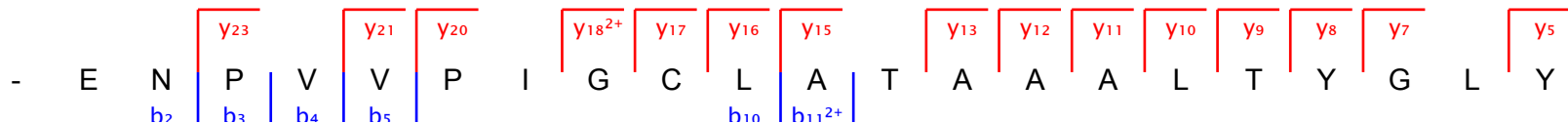
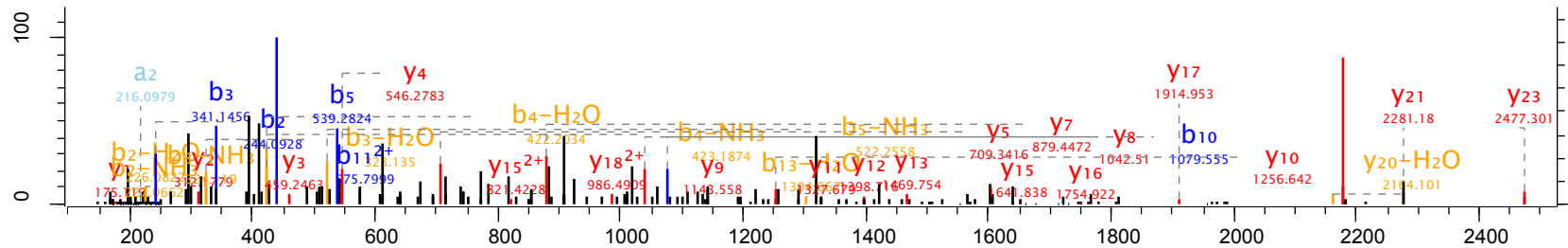
73.07

m/z

907.8

Gene names

HIGD2A



Raw file

20140918_fract15_dyn_5ul_E7_01_383

Scan

10912

Method

TOF; CID

Score

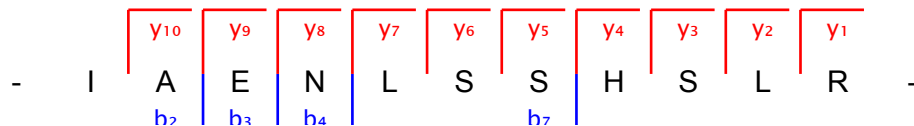
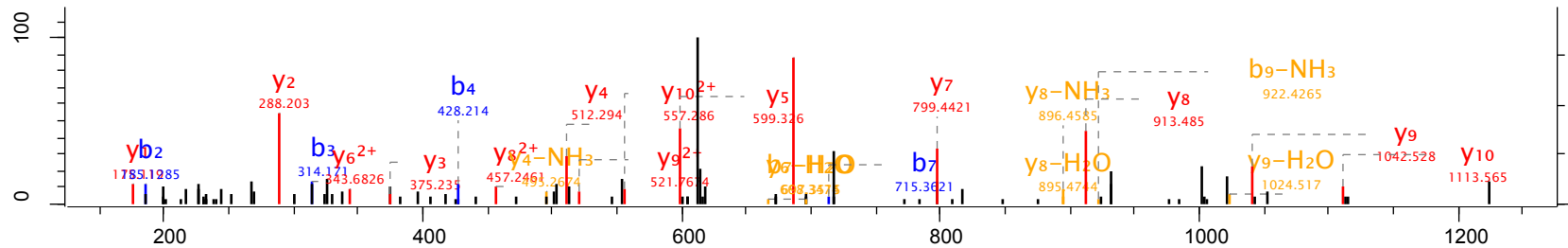
109.72

m/z

613.83

Gene names

TMC7



Raw file

20140918_fract15_dyn_5ul_E7_01_383

Scan

35442

Method

TOF; CID

Score

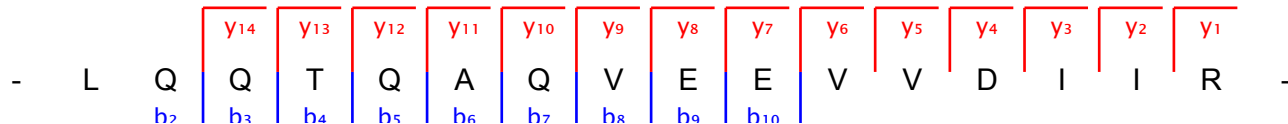
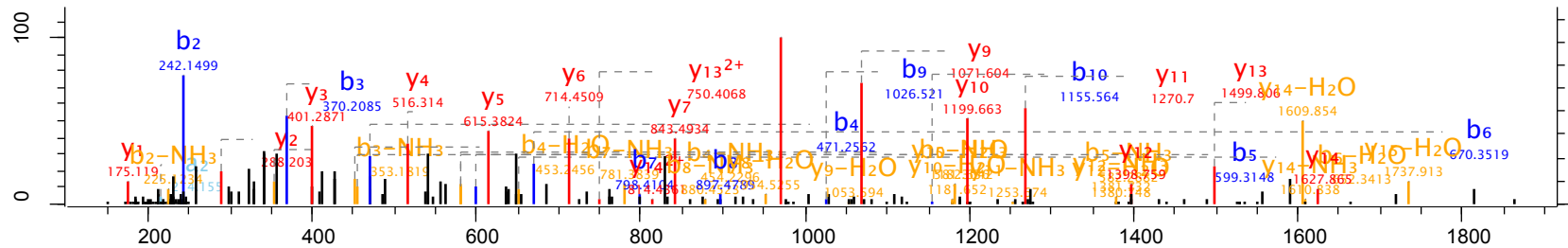
179.74

m/z

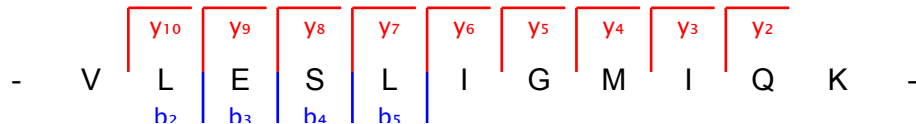
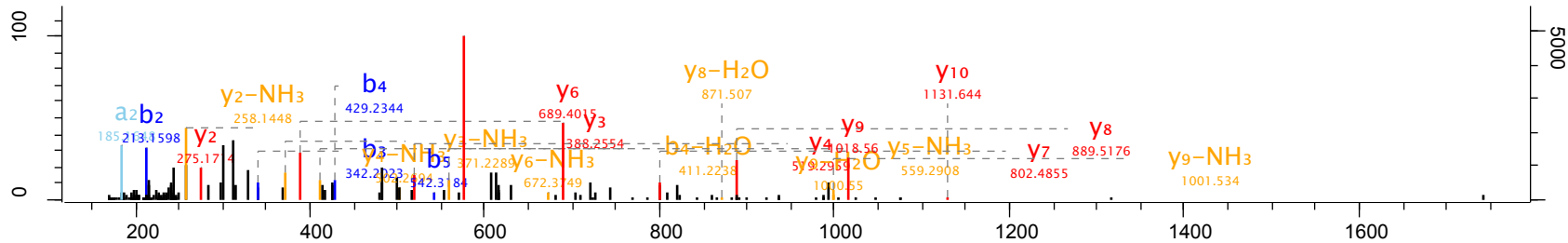
935.51

Gene names

VAMP1



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract15_dyn_5ul_E7_01_383	36900	TOF; CID	125.74	615.86	ORAOV1



Raw file

20140918_fract16_dyn_5ul_E8_01_384

Scan

10407

Method

TOF; CID

Score

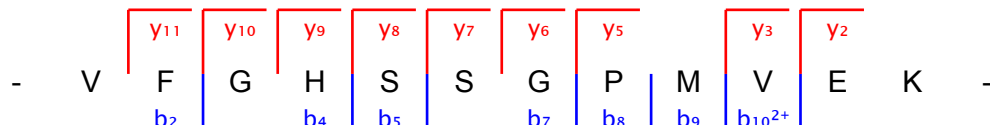
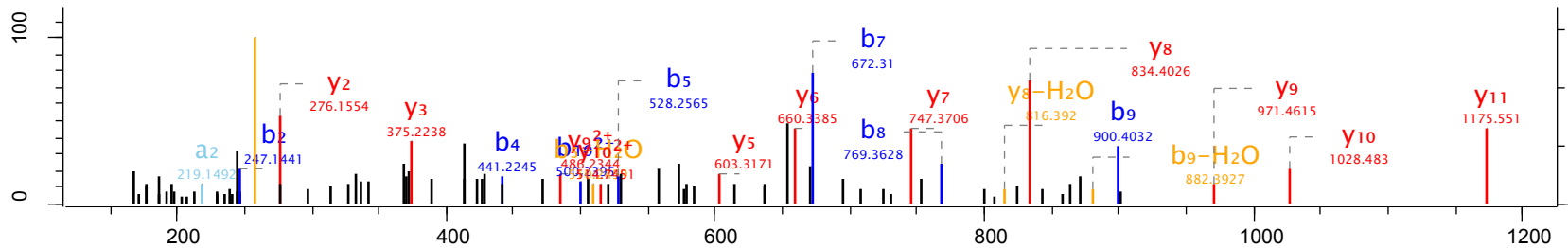
108.72

m/z

637.81

Gene names

FUNDC1



Raw file

20140918_fract16_dyn_5ul_E8_01_384

Scan

15801

Method

TOF; CID

Score

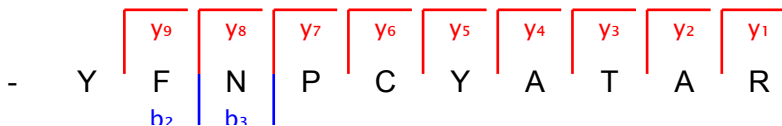
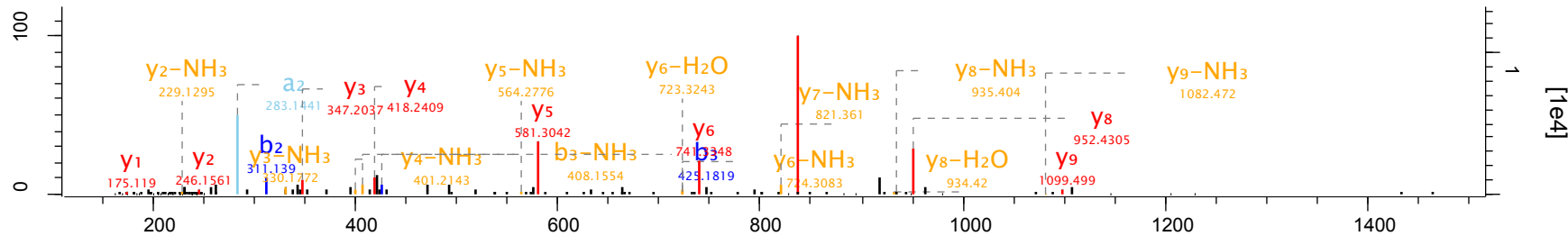
130.41

m/z

631.79

Gene names

CRLS1



Raw file

20140918_fract16_dyn_5ul_E8_01_384

Scan

19188

Method

TOF; CID

Score

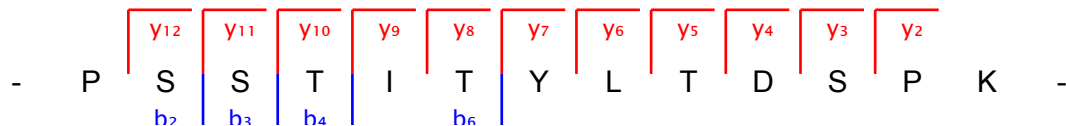
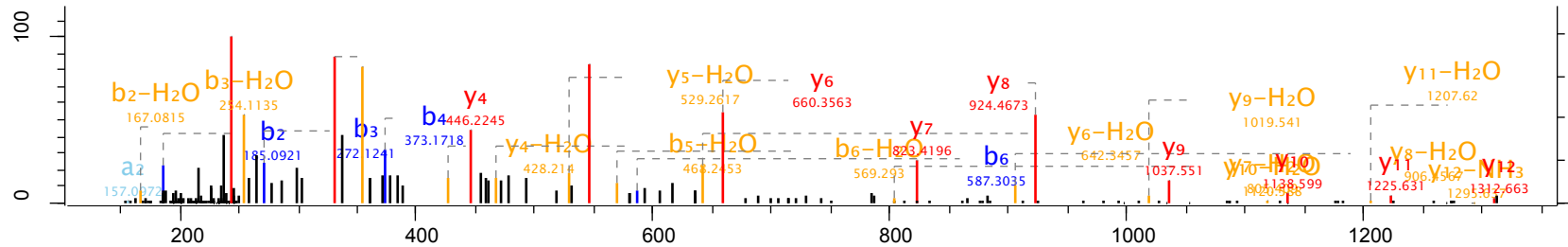
147.26

m/z

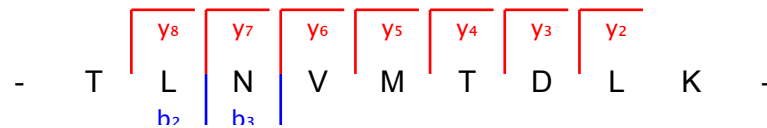
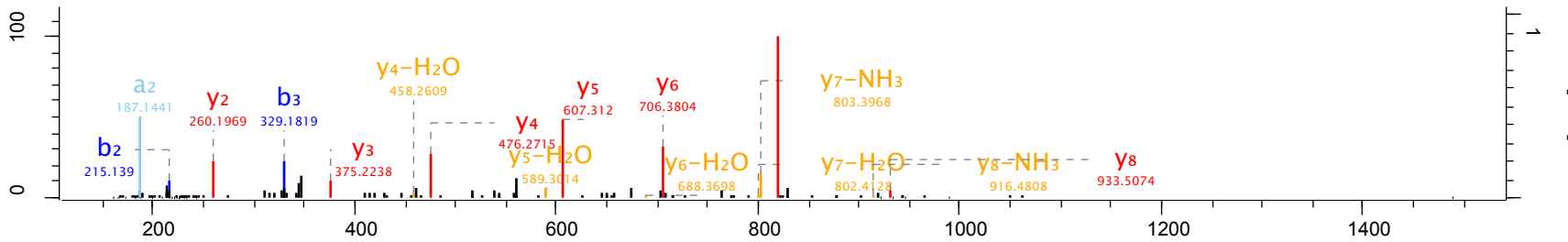
705.36

Gene names

TMEM69



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract16_dyn_5ul_E8_01_384	21868	TOF; CID	99.82	517.78	TMEM18



Raw file

20140918_fract16_dyn_5ul_E8_01_384

Scan

25775

Method

TOF; CID

Score

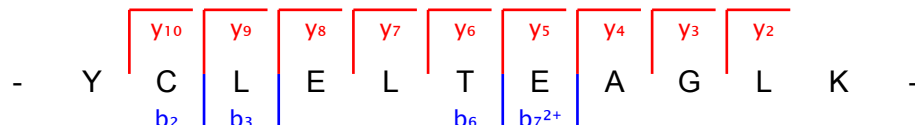
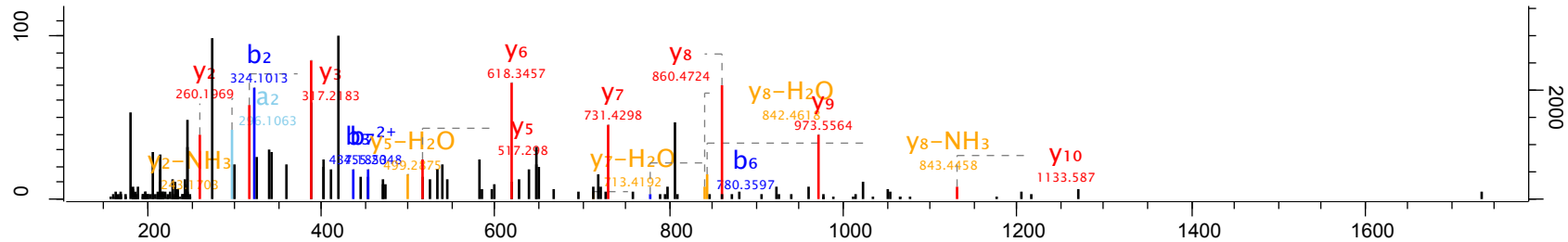
74.96

m/z

648.83

Gene names

GSKIP



Raw file

20140918_fract17_dyn_5ul_F1_01_385

Scan

20475

Method

TOF; CID

Score

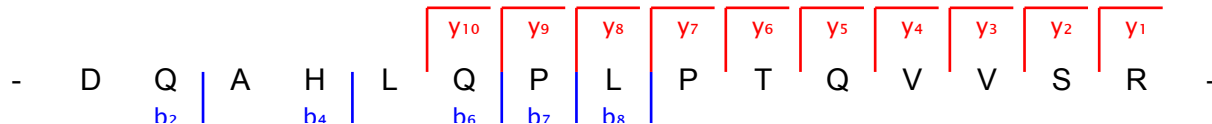
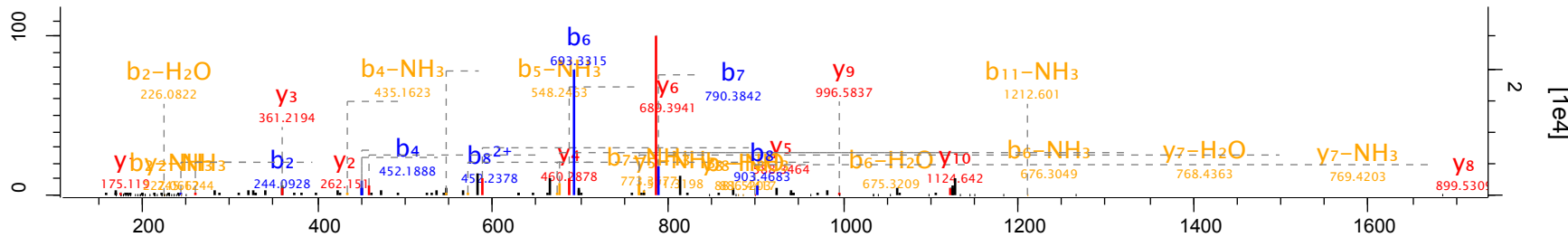
68.58

m/z

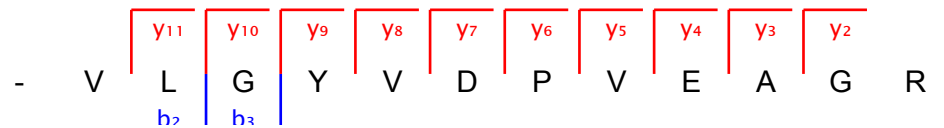
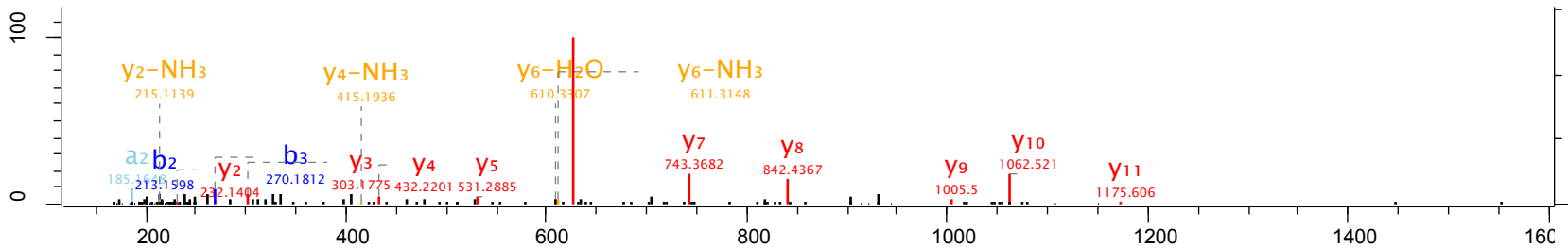
563.64

Gene names

ELF4

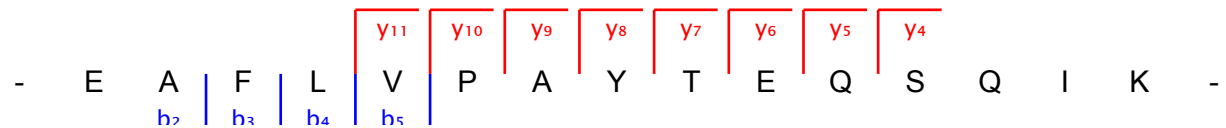
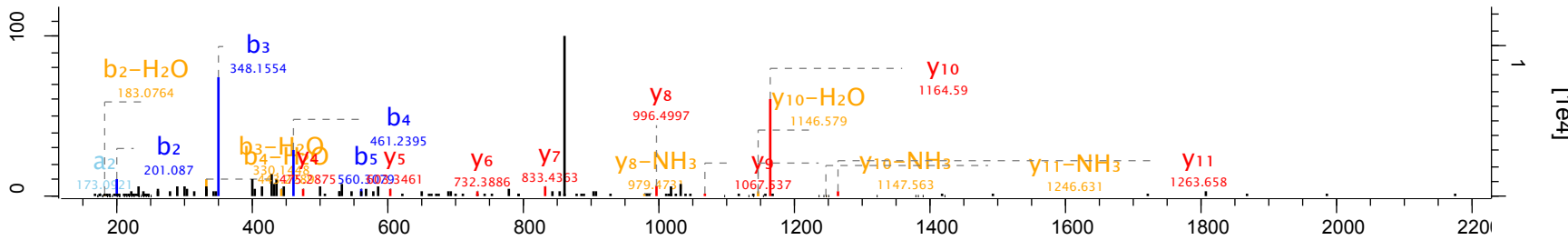


Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract17_dyn_5ul_F1_01_385	21637	TOF; CID	76.33	637.84	FICD



[1e4]

Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract17_dyn_5ul_F1_01_385	27872	TOF; CID	65.37	862.46	PSENN



Raw file

20140918_fract17_dyn_5ul_F1_01_385

Scan

28637

Method

TOF; CID

Score

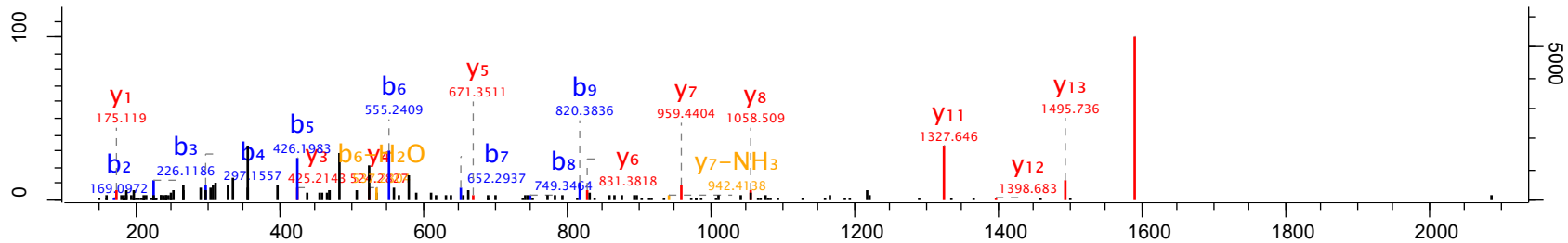
76.3

m/z

1074.52

Gene names

GGACT



Raw file

20140918_fract17_dyn_5ul_F1_01_385

Scan

32221

Method

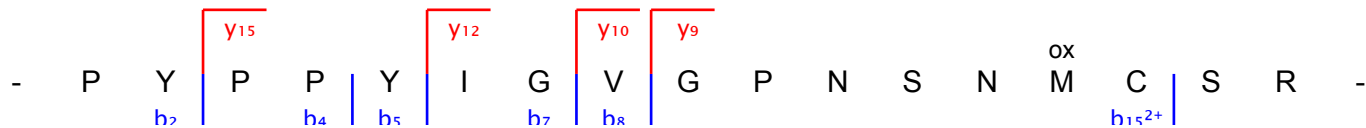
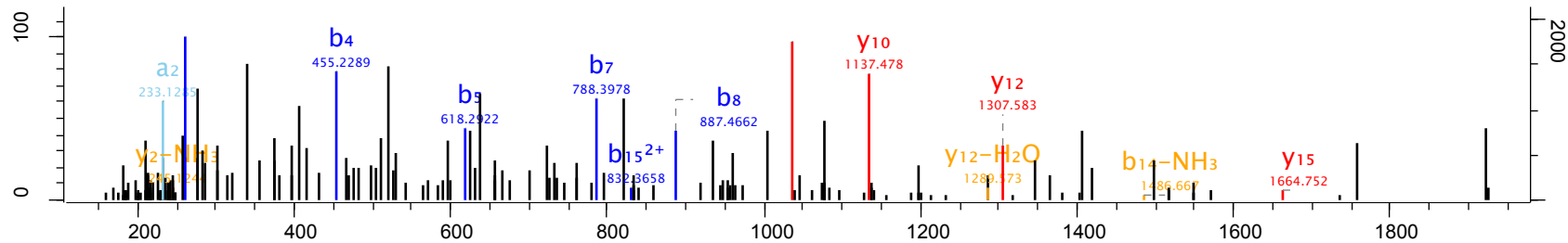
TOF; CID

Score

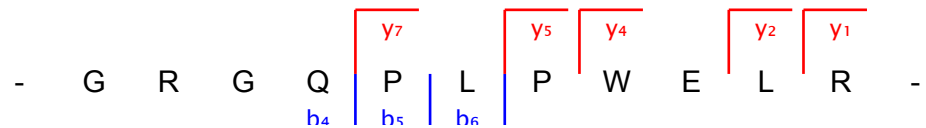
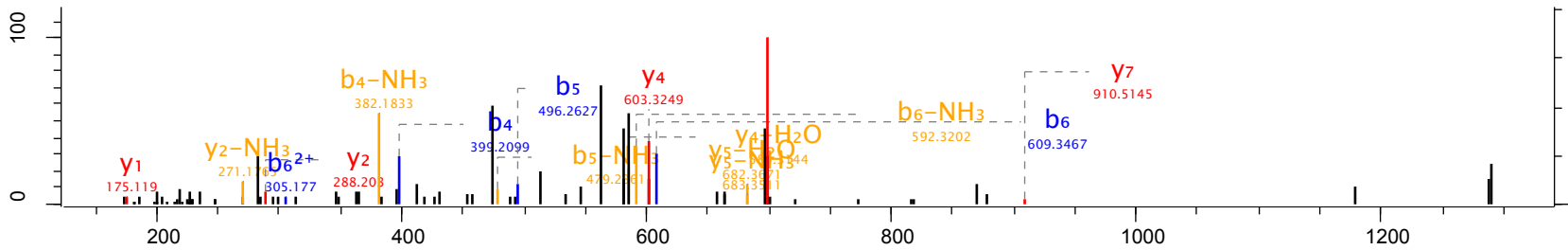
44.93

m/z

963.44



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract18_dyn_5ul_F2_01_386	19576	TOF; CID	72.85	436.91	LAMB2



Raw file

20140918_fract18_dyn_5ul_F2_01_386

Scan

27291

Method

TOF; CID

Score

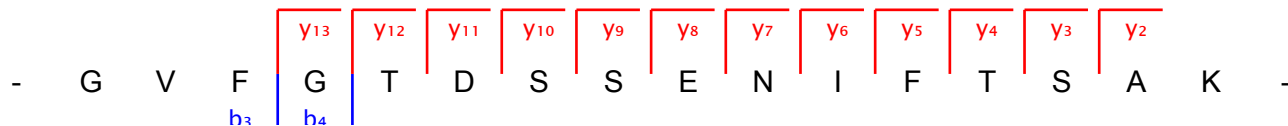
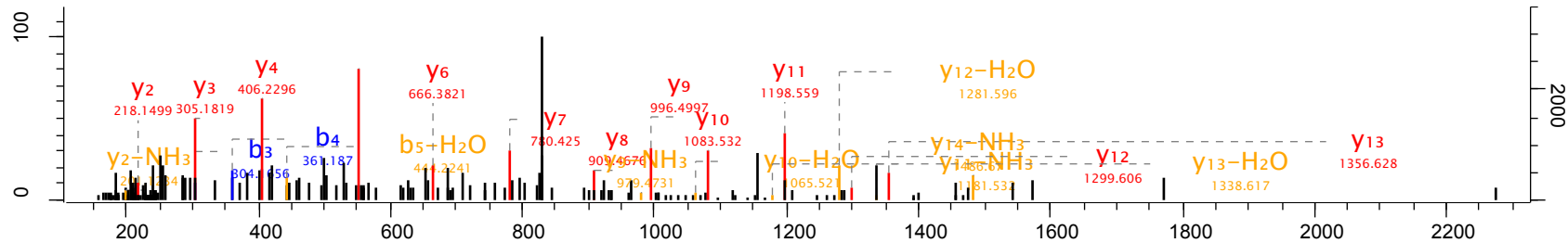
55.55

m/z

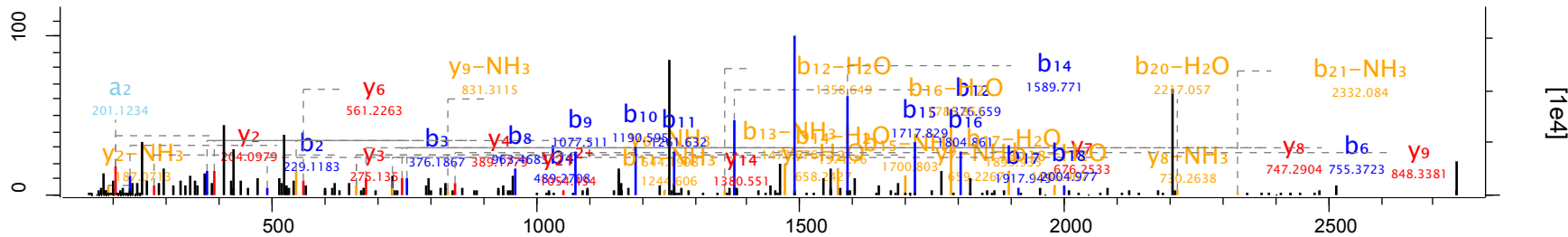
830.4

Gene names

C11orf74



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract18_dyn_5ul_F2_01_386	29698	TOF; CID	103.42	1101.17	CEBPG

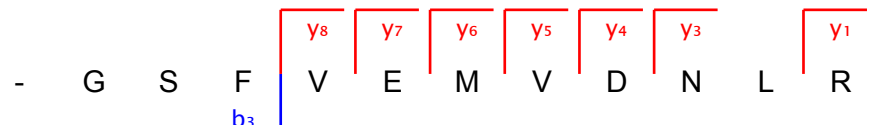
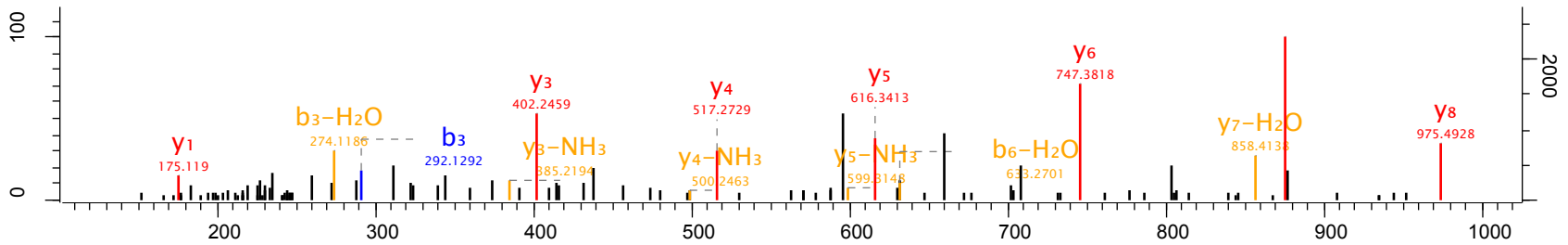


- D L F L E H A H N L A D N V Q S I S T E N

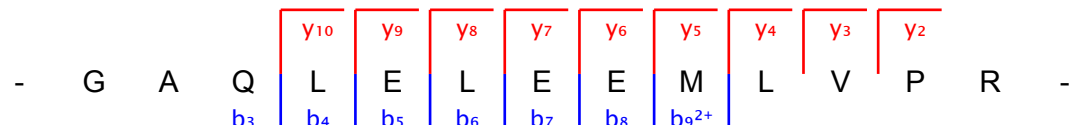
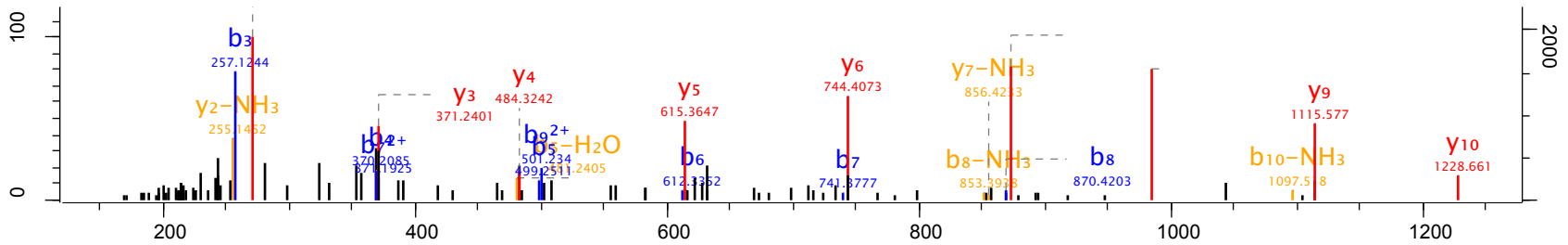
b₂
b₃
b₄
b₆
b₈
b₉
b₁₀
b₁₁
b₁₂
b₁₃
b₁₄
b₁₅
b₁₆
b₁₇
b₁₈

y₂₁²⁺
y₁₄

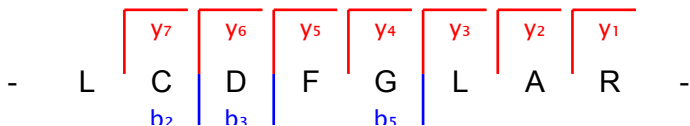
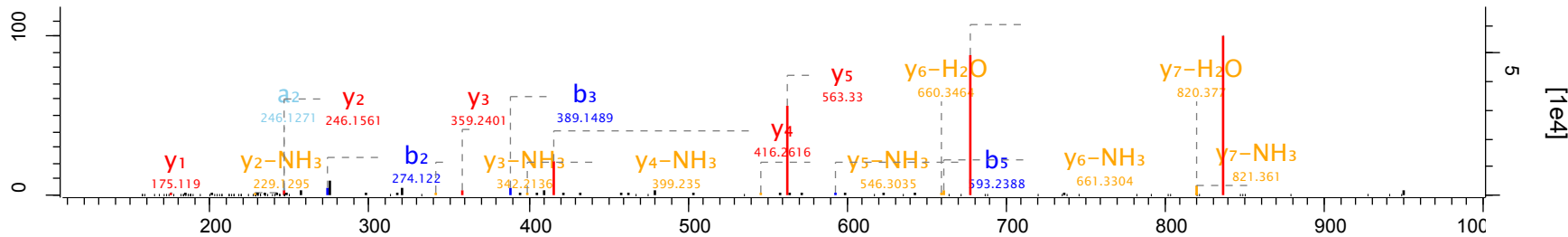
Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract18_dyn_5ul_F2_01_386	30818	TOF; CID	70.94	633.81	BACE1



Raw file 20140918_fract18_dyn_5ul_F2_01_386 Scan 35229 Method TOF; CID Score 77.78 m/z 742.89 Gene names AURKAIP1



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract19_dyn_5ul_F3_01_387	18389	TOF; CID	147.52	476.24	MAPK15



Raw file

20140918_fract19_dyn_5ul_F3_01_387

Scan

19285

Method

TOF; CID

Score

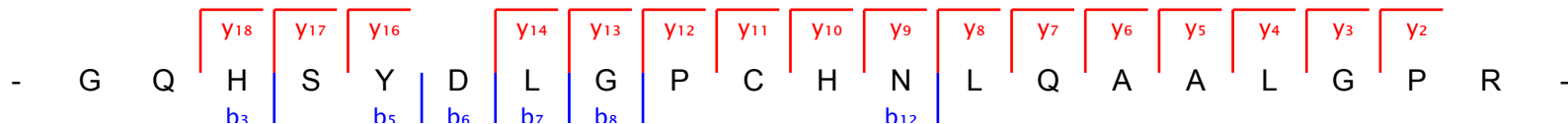
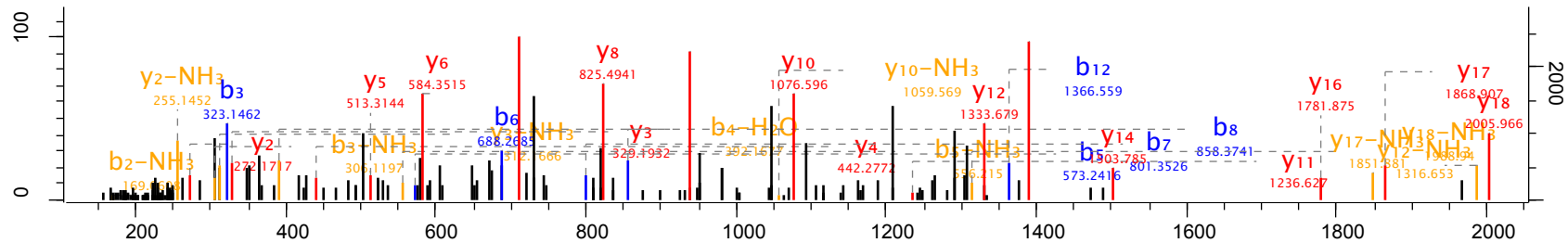
95.41

m/z

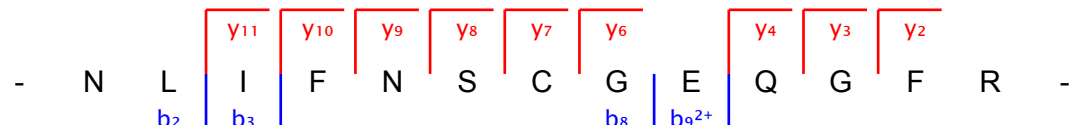
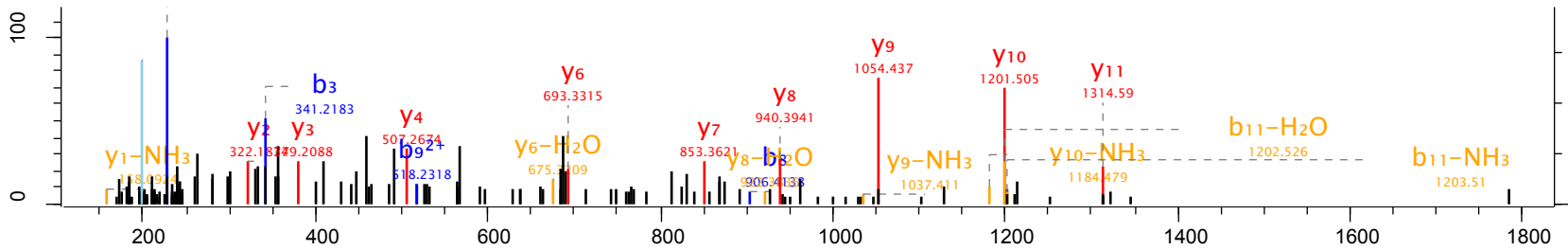
731.36

Gene names

ZDHHC24



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract19_dyn_5ul_F3_01_387	24337	TOF; CID	79.09	771.36	FBXO17



Raw file

20140918_fract20_dyn_5ul_F4_01_388

Scan

16067

Method

TOF; CID

Score

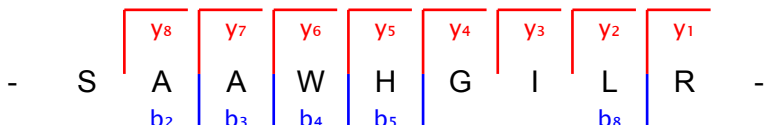
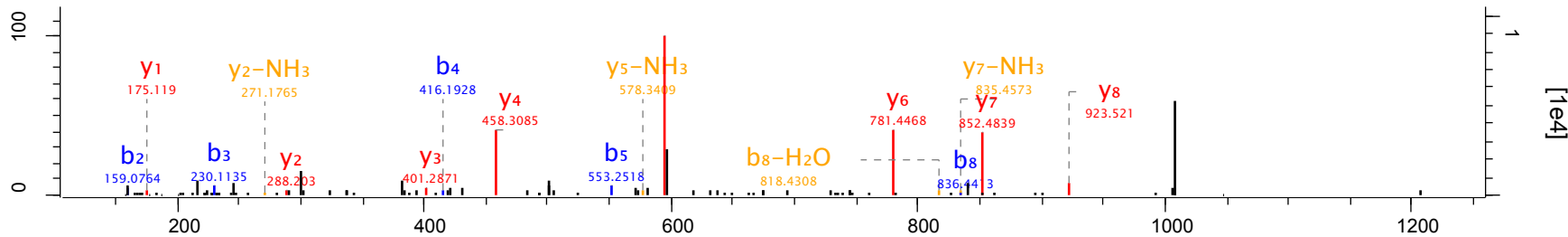
93.18

m/z

505.78

Gene names

NAIF1



Raw file

20140918_fract20_dyn_5ul_F4_01_388

Scan

17487

Method

TOF; CID

Score

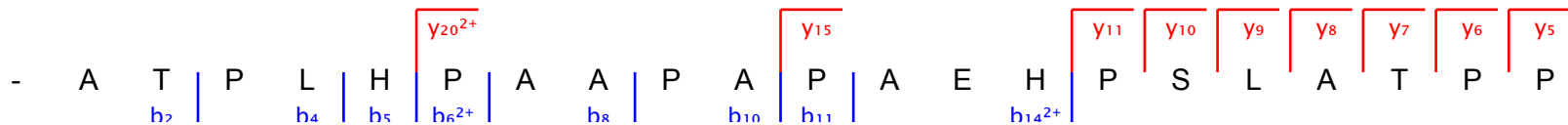
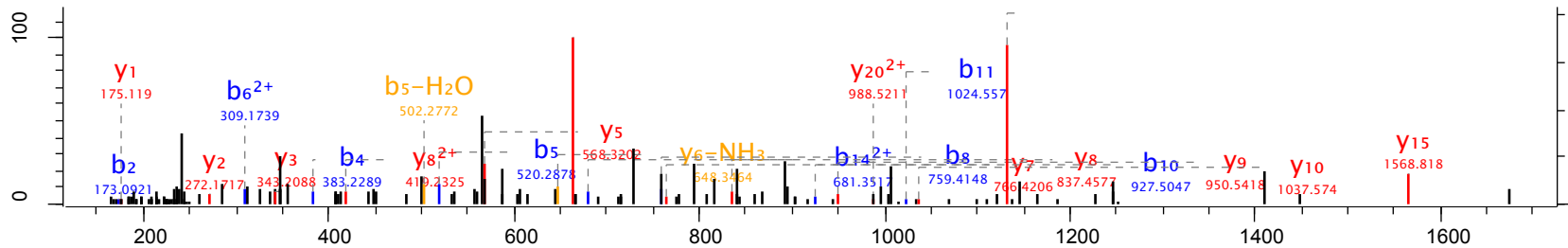
30.94

m/z

624.83

Gene names

ZNF831



Raw file

20140918_fract21_dyn_5ul_F5_01_389

Scan

24025

Method

TOF; CID

Score

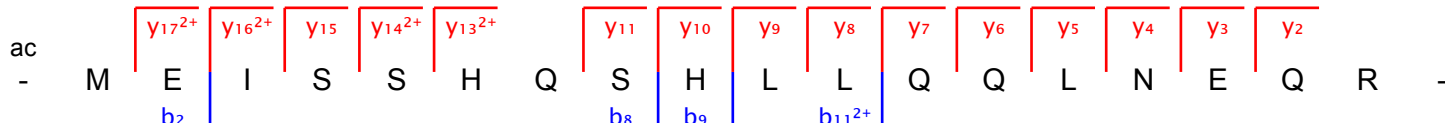
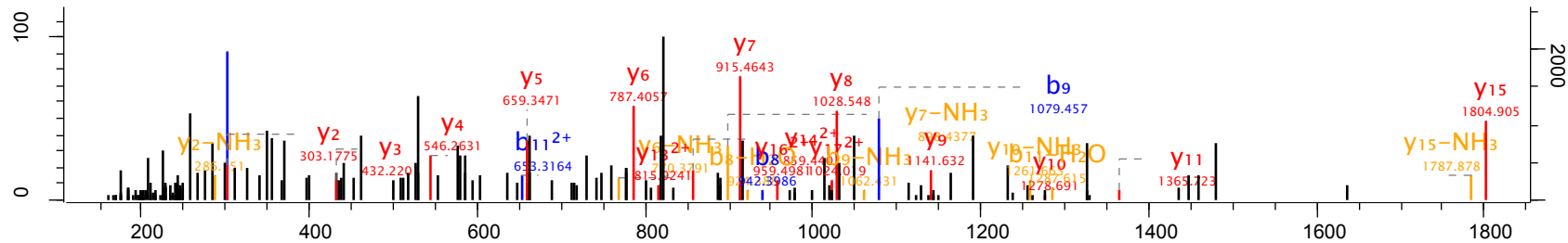
52.48

m/z

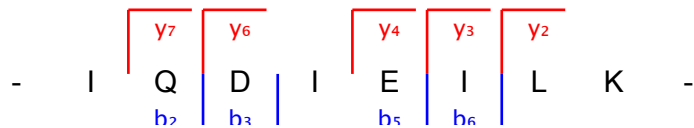
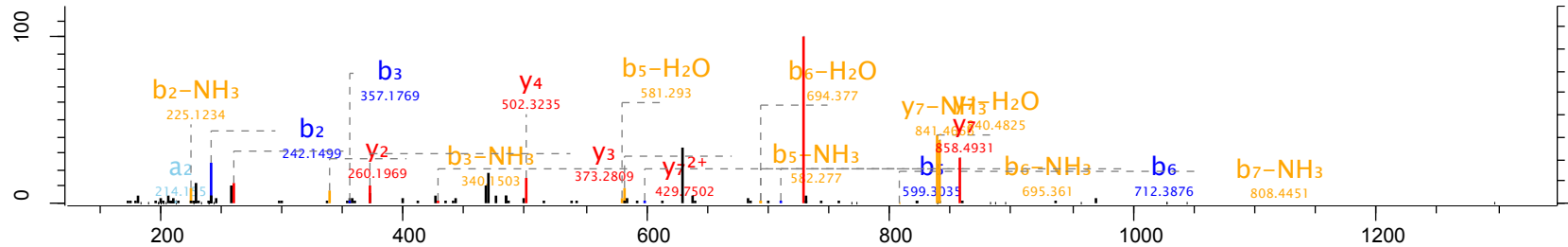
741.03

Gene names

ZBTB8A



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract21_dyn_5ul_F5_01_389	24342	TOF; CID	109.11	486.29	LGI1



Raw file

Scan

Method

Score

m/z

Gene names

20140918_fract21_dyn_5ul_F5_01_389

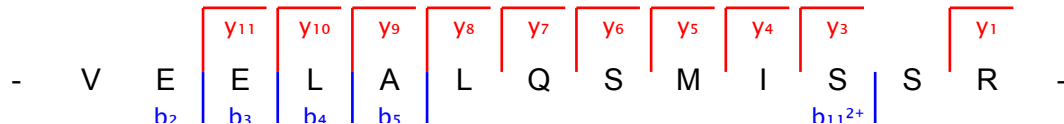
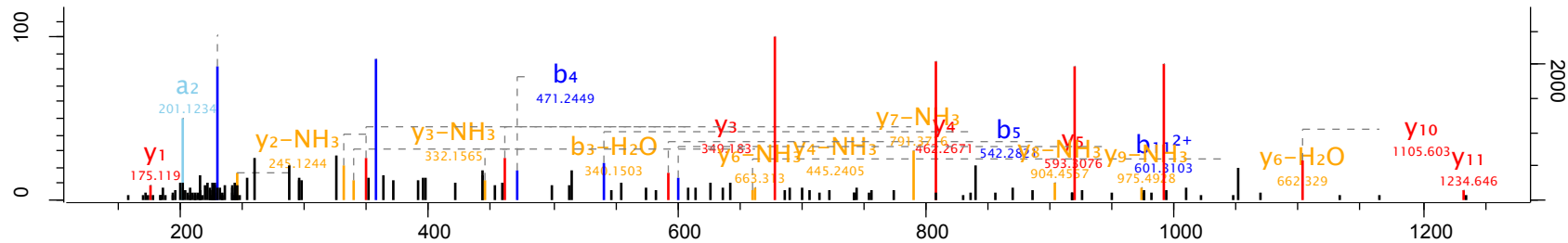
27728

TOF; CID

117.93

731.88

SNAPC5



Raw file

20140918_fract22_dyn_5ul_F6_01_390

Scan

12713

Method

TOF; CID

Score

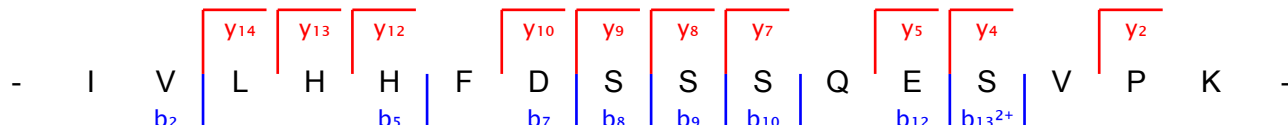
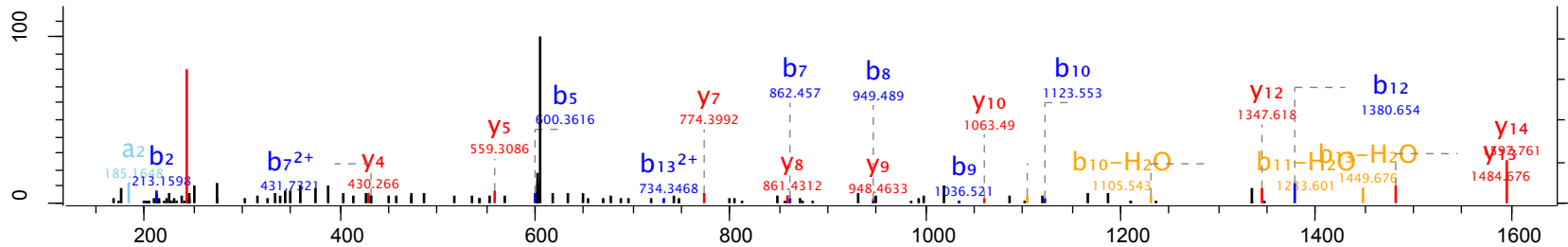
54.95

m/z

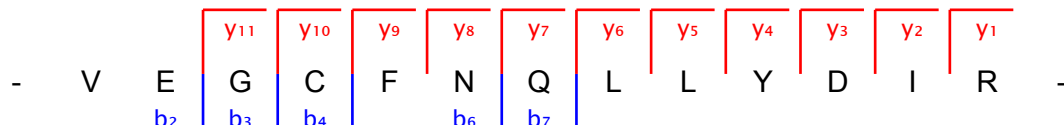
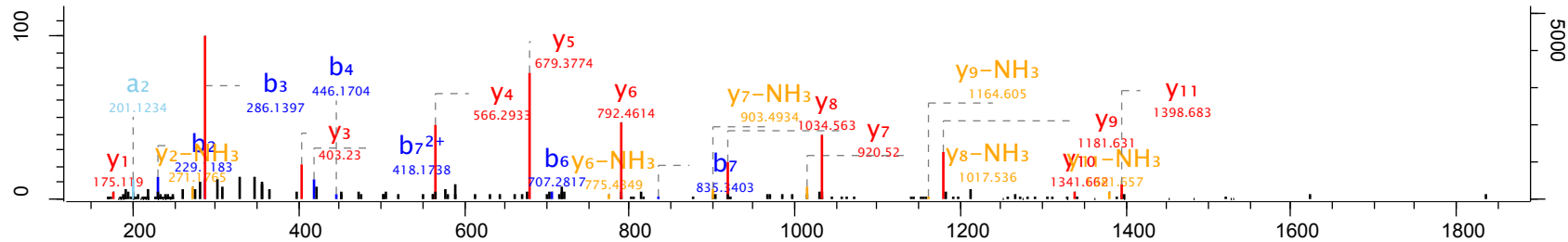
604.31

Gene names

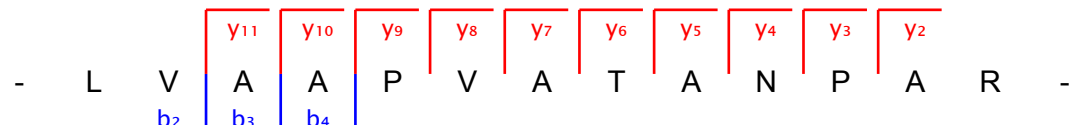
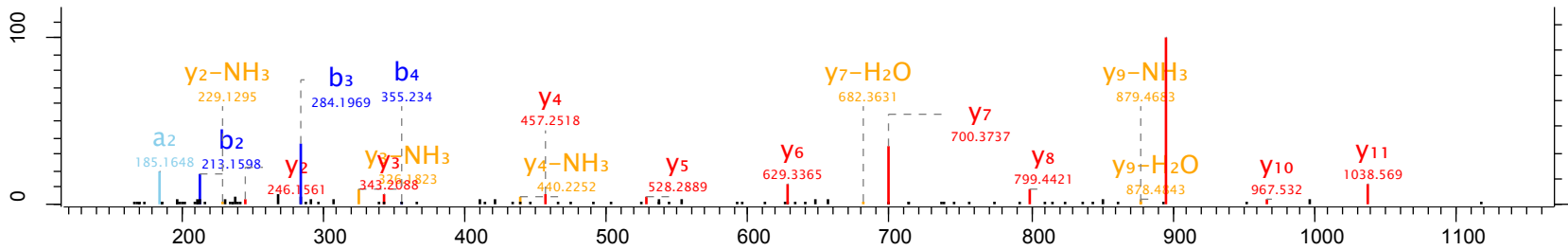
HORMAD1



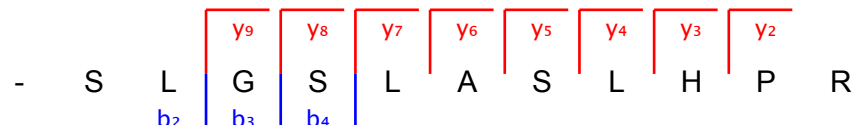
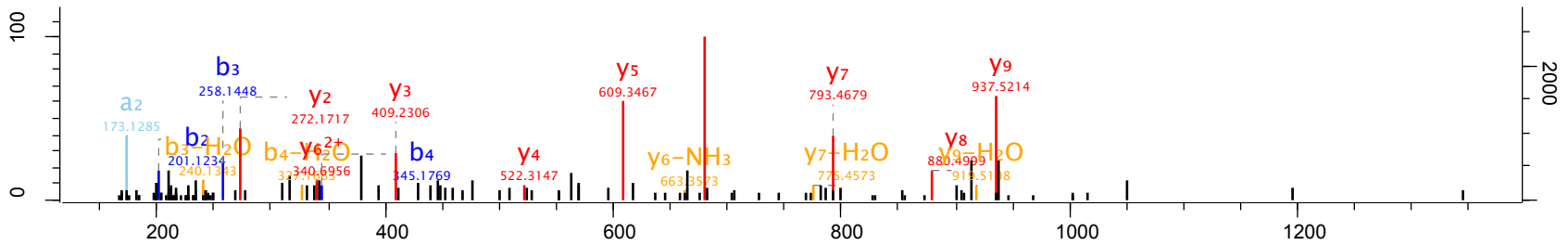
Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract22_dyn_5ul_F6_01_390	32616	TOF; CID	102.52	813.9	TSPAN1



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract23_dyn_5ul_F7_01_391	14436	TOF; CID	96.74	625.86	FKRP



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract23_dyn_5ul_F7_01_391	16629	TOF; CID	84.51	569.32	ZNF219



Raw file

20140918_fract23_dyn_5ul_F7_01_391

Scan

18077

Method

TOF; CID

Score

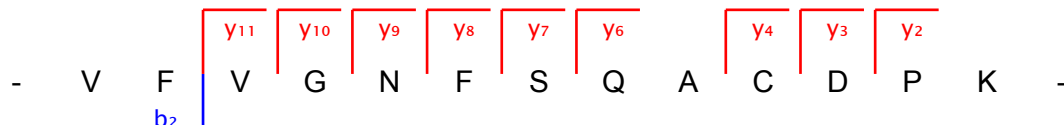
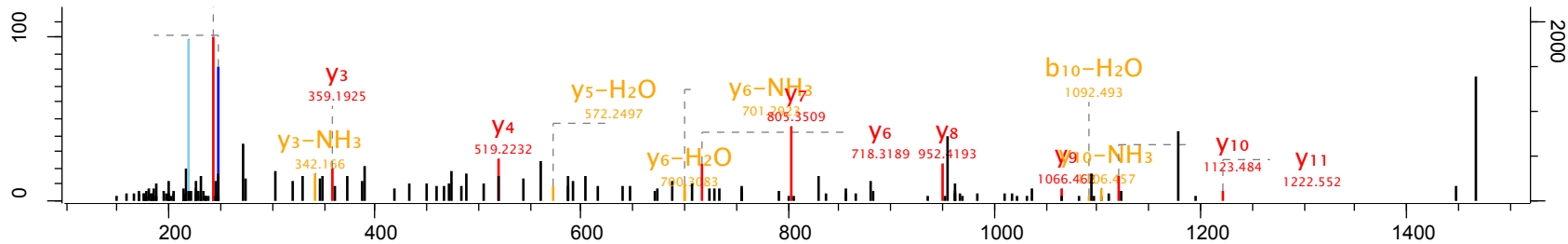
76.07

m/z

734.85

Gene names

STYXL1



Raw file

20140918_fract23_dyn_5ul_F7_01_391

Scan

21107

Method

TOF; CID

Score

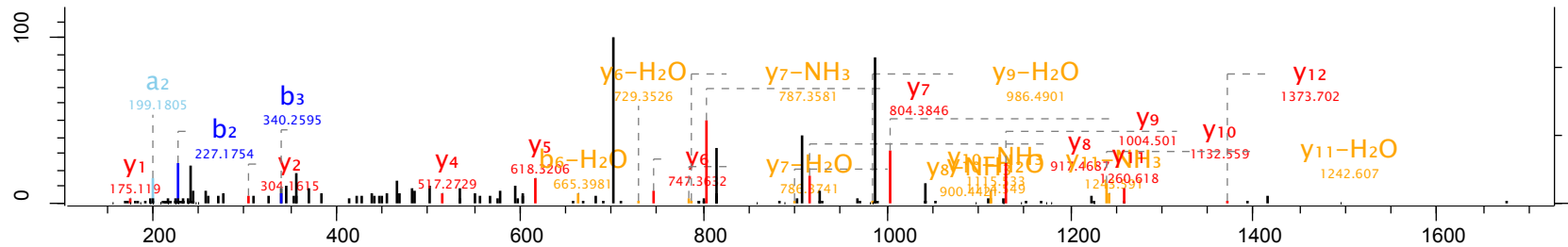
80.37

m/z

800.44

Gene names

ZCCHC10



[1e4]

- L L L Q Q S I G E T N V E R -

 b₂ b₃

 y₁₂ y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₅ y₄ y₂ y₁

Raw file

20140918_fract23_dyn_5ul_F7_01_391

Scan

30129

Method

TOF; CID

Score

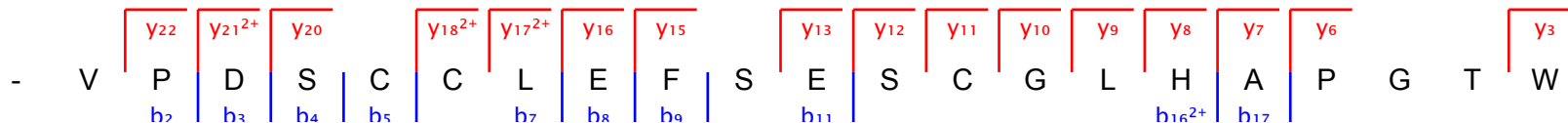
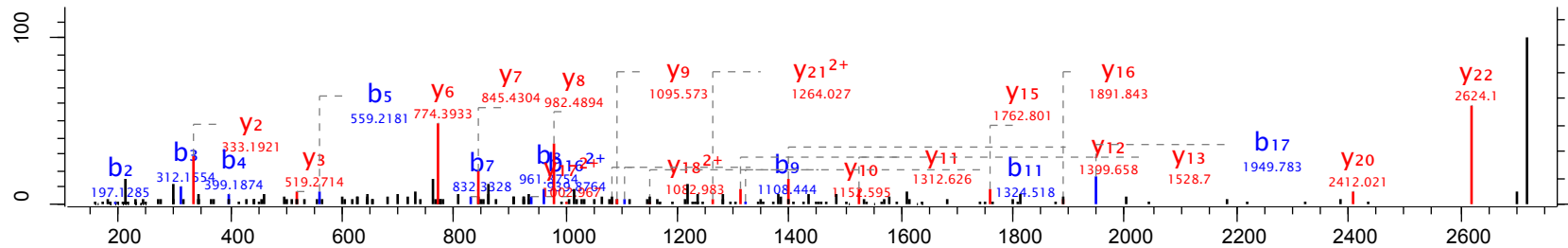
69.7

m/z

908.73

Gene names

TSPAN4



Raw file

20140918_fract24_dyn_5ul_F8_01_392

Scan

20157

Method

TOF; CID

Score

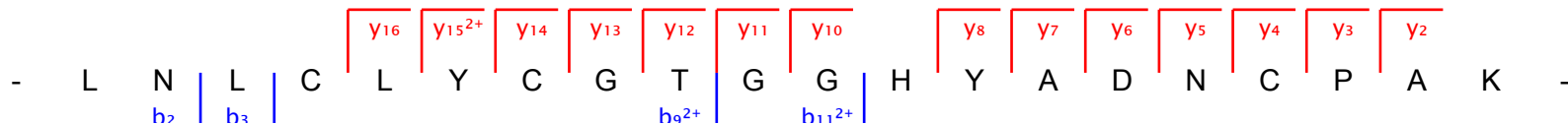
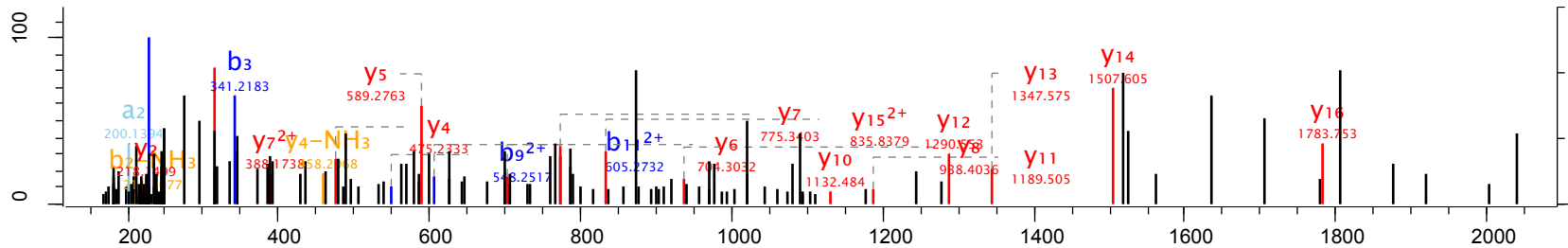
42.12

m/z

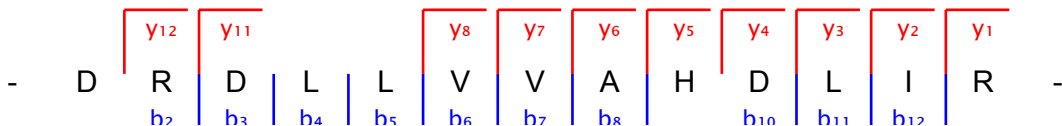
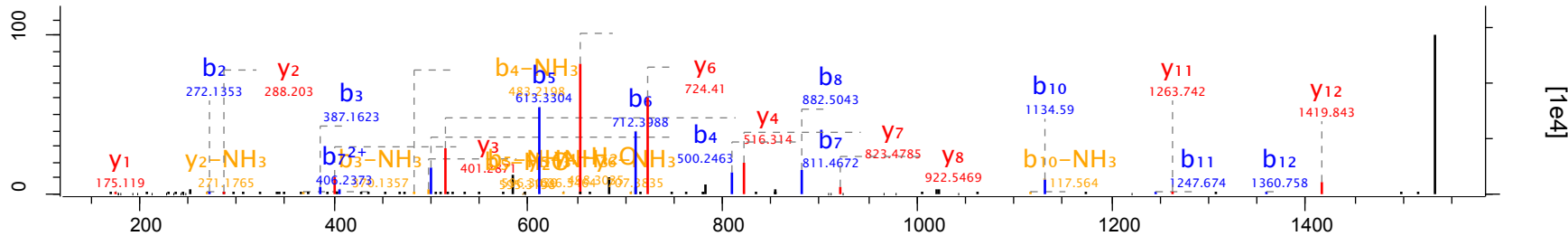
762.34

Gene names

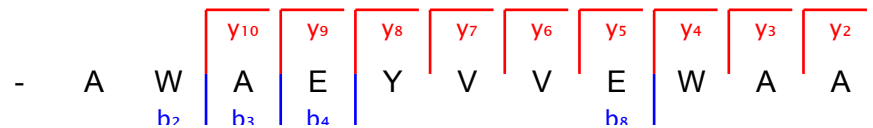
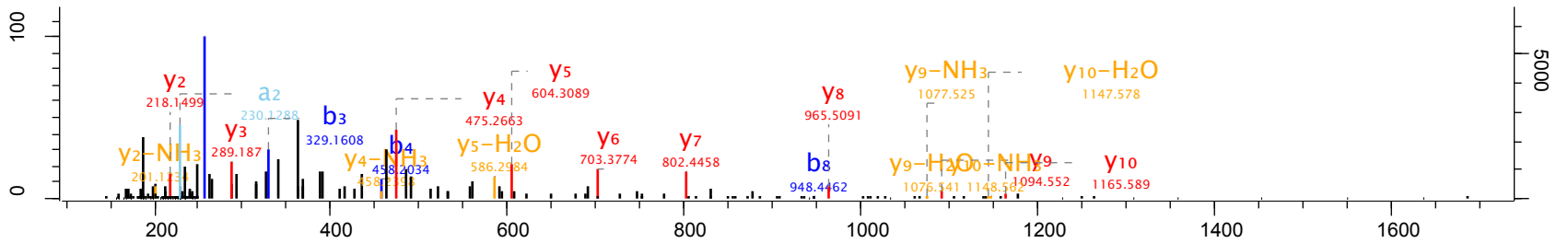
PEG10



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract24_dyn_5ul_F8_01_392	29116	TOF; CID	139.58	512.29	FAM118A



Raw file	Scan	Method	Score	m/z	Gene names
20140918_fract24_dyn_5ul_F8_01_392	34044	TOF; CID	83.23	711.86	SMIM15



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

3761

Method

TOF; CID

Score

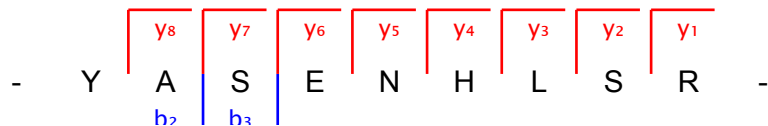
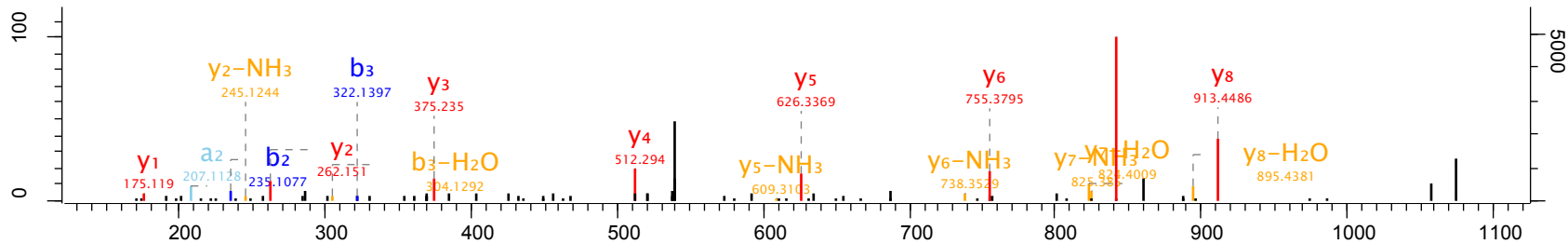
88.5

m/z

538.76

Gene names

TM4SF1



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

17592

Method

TOF; CID

Score

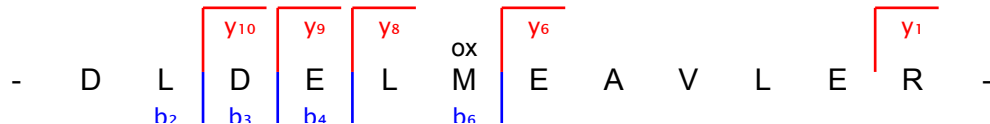
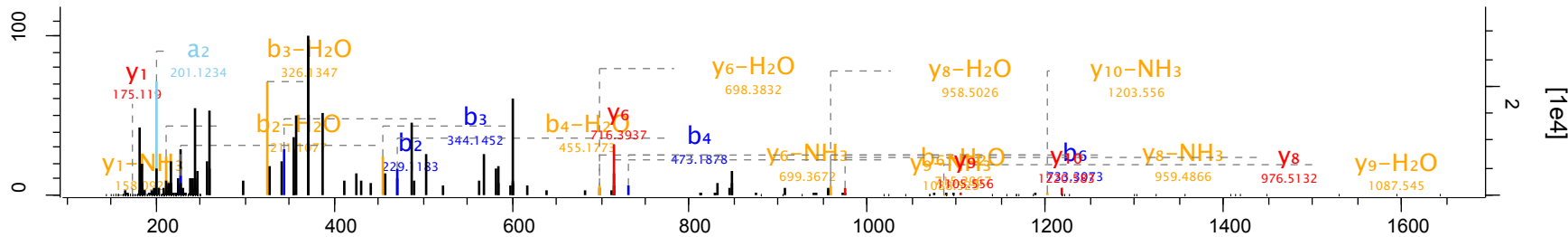
81.8

m/z

726.36

Gene names

SCNN1B



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

30678

Method

TOF; CID

Score

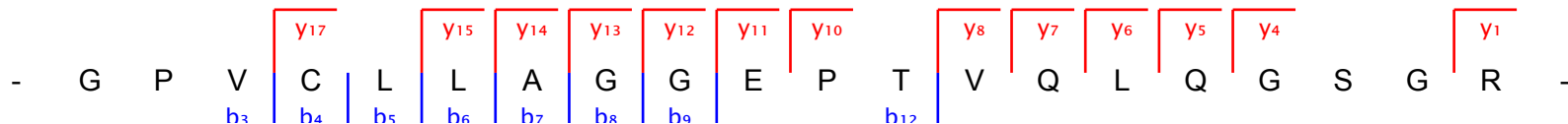
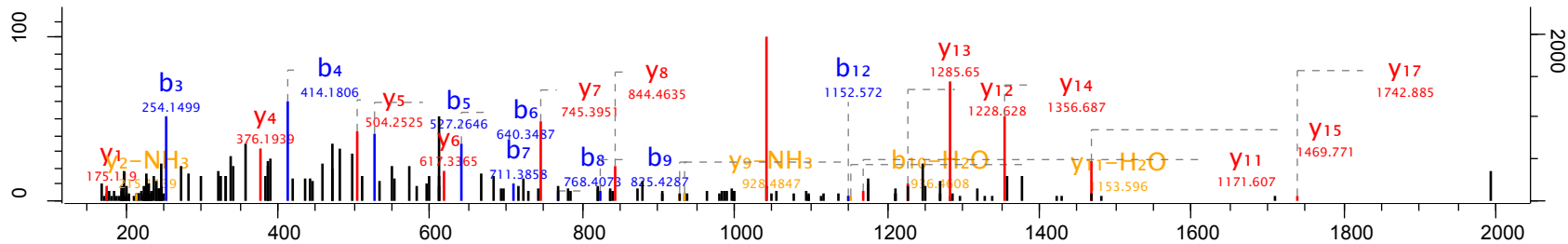
61.28

m/z

999.02

Gene names

GLYCTK



Raw file

20140925_fract1_dyn_5ul_B1_01_436

Scan

37990

Method

TOF; CID

Score

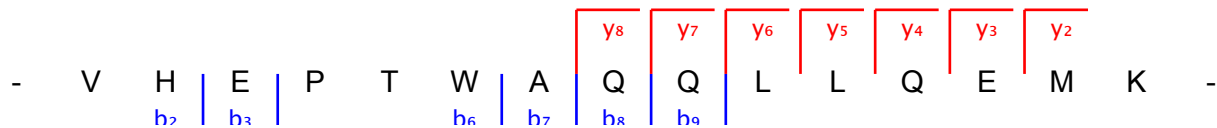
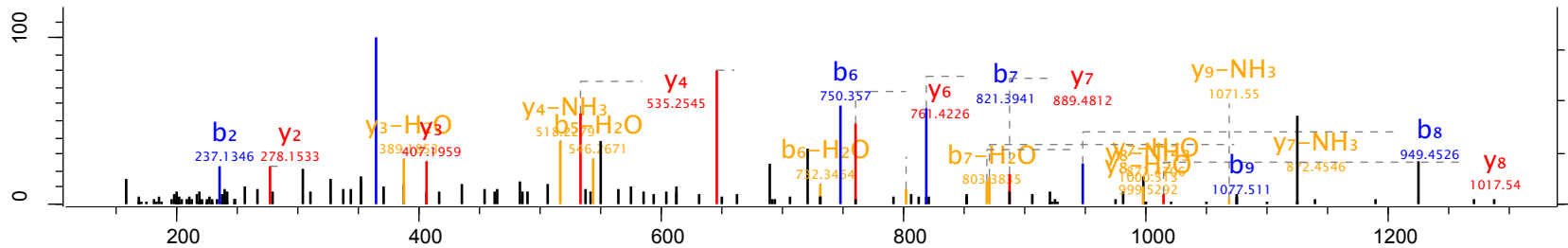
101.3

m/z

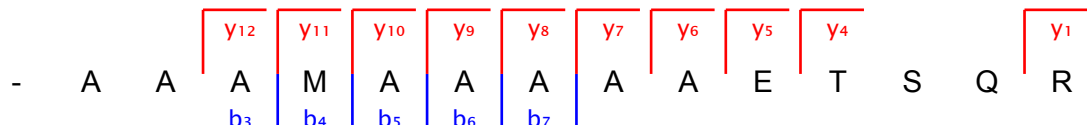
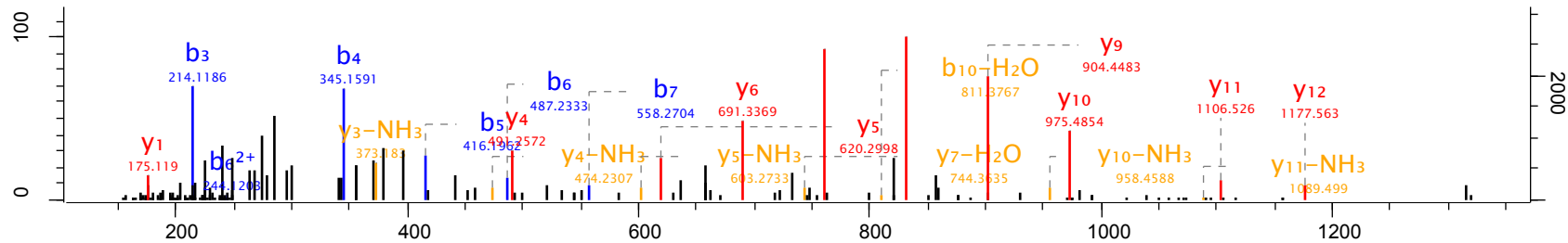
613.31

Gene names

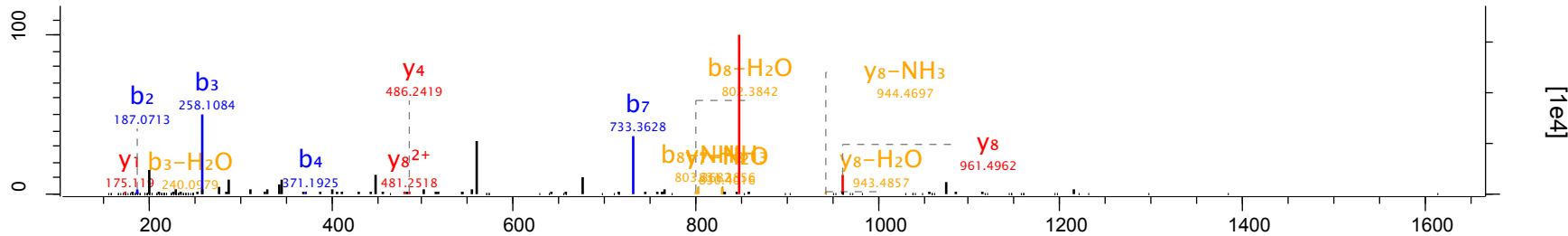
TMEM234



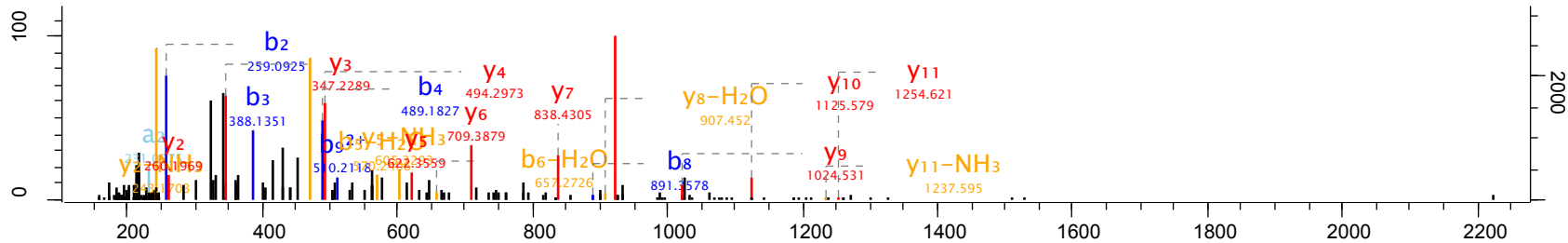
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract2_dyn_5ul_B2_01_437	11066	TOF; CID	79.64	660.32	NDFIP2



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



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

20140925_fract2_dyn_5ul_B2_01_437

Scan

37413

Method

TOF; CID

Score

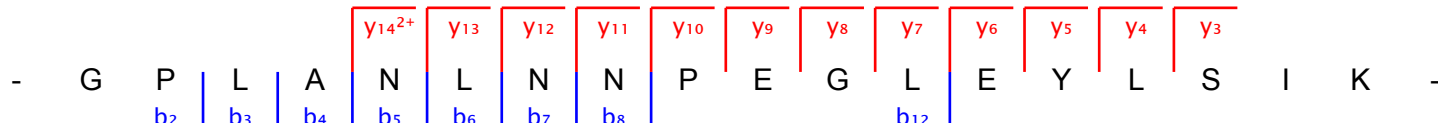
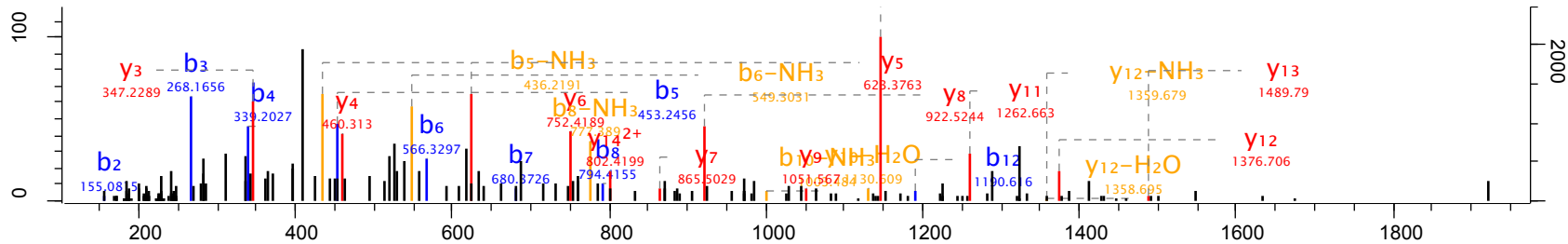
73.92

m/z

972.02

Gene names

SLC10A7



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

14078

Method

TOF; CID

Score

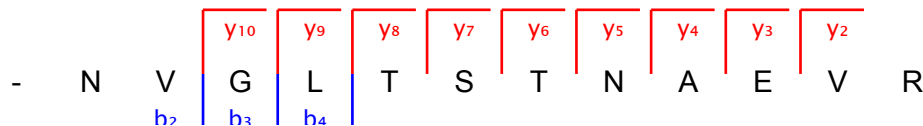
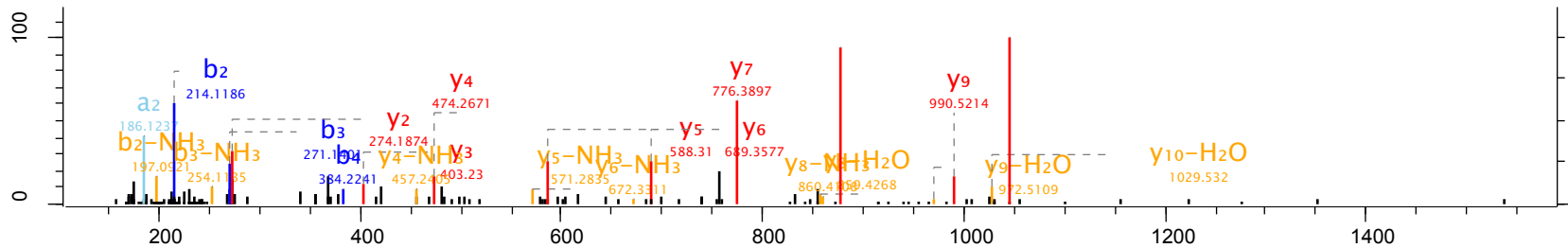
122.33

m/z

630.83

Gene names

TFDP2



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

17637

Method

TOF; CID

Score

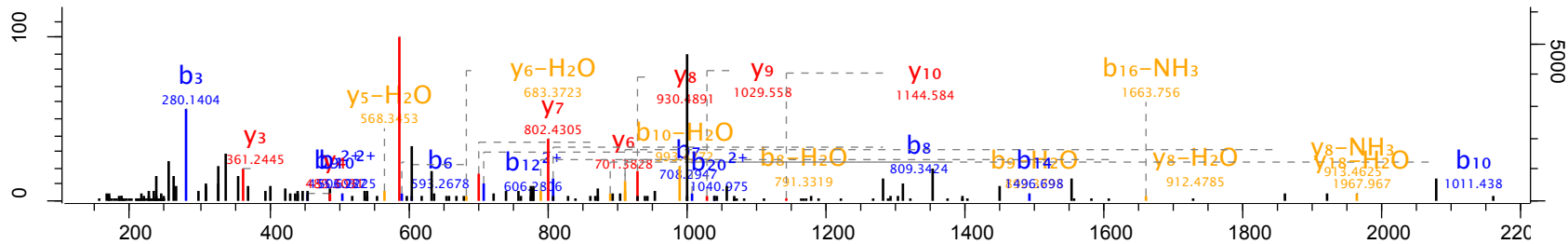
33.32

m/z

778.38

Gene names

FXVD5



Raw file

20140925_fract3_dyn_5ul_B3_01_438

Scan

32375

Method

TOF; CID

Score

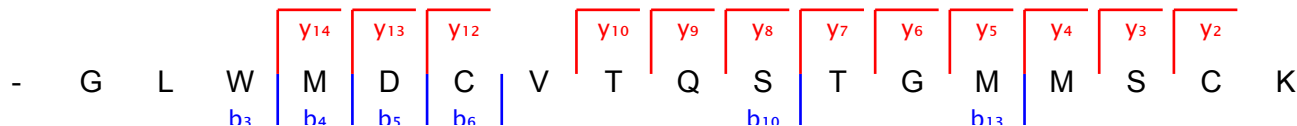
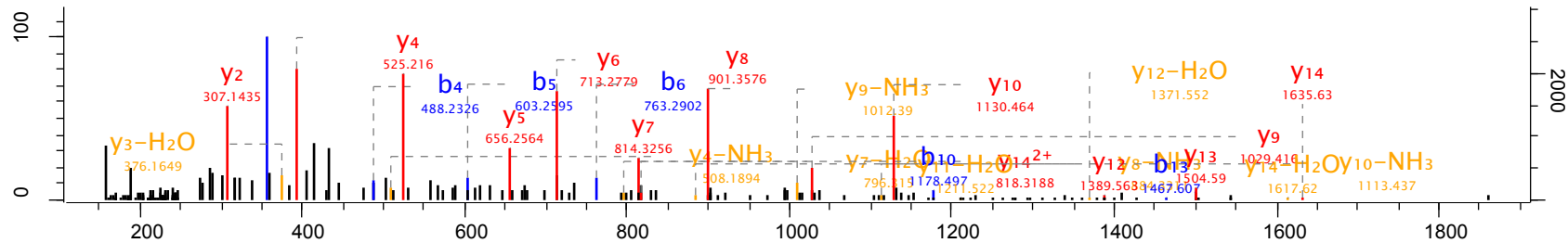
92.26

m/z

996.91

Gene names

CLDN7



Raw file

20140925_fract4_dyn_5ul_B4_01_439

Scan

3804

Method

TOF; CID

Score

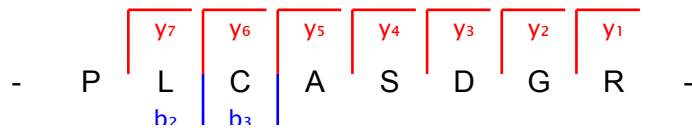
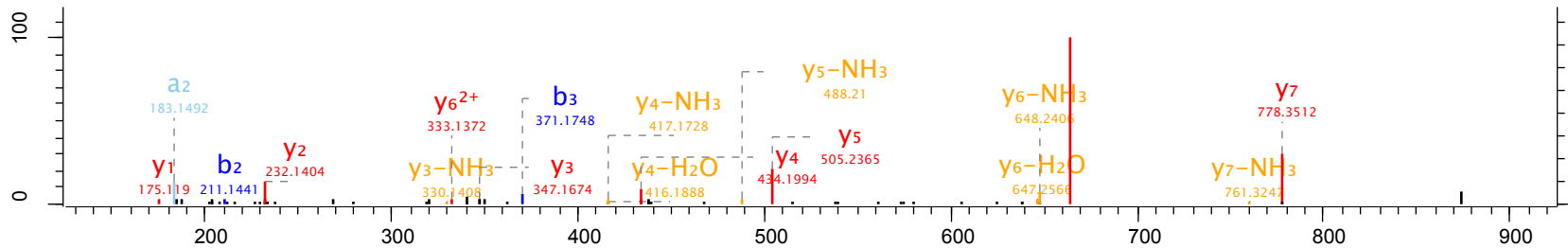
116.37

m/z

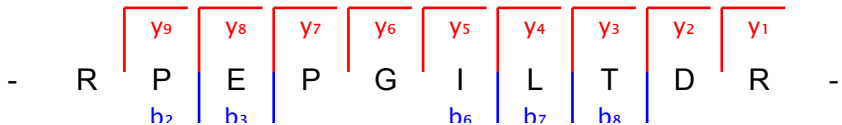
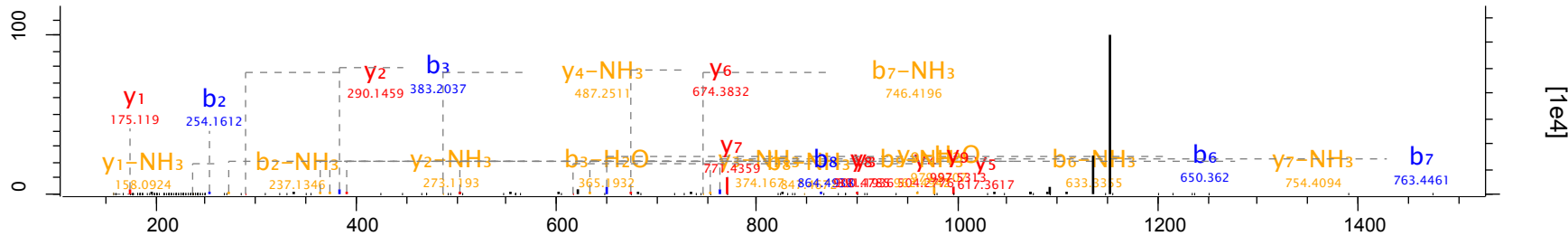
438.2

Gene names

SMOC2



Raw file	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

20140925_fract4_dyn_5ul_B4_01_439

Scan

15240

Method

TOF; CID

Score

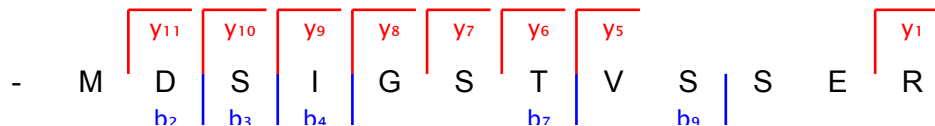
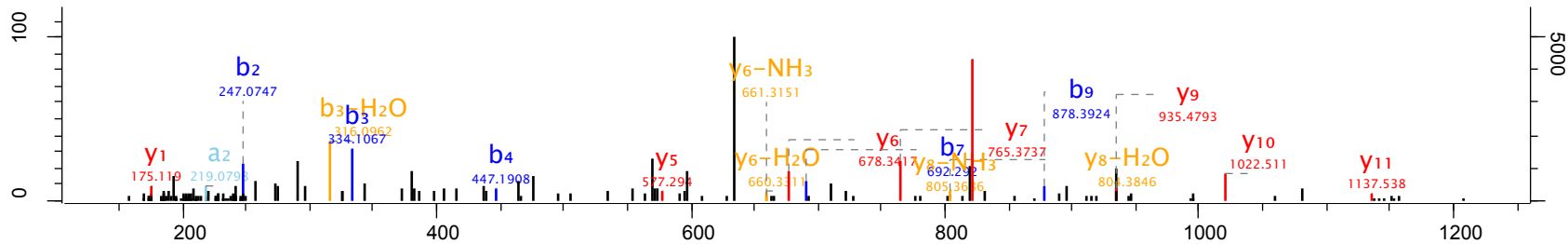
80.32

m/z

634.8

Gene names

MXD1



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract4_dyn_5ul_B4_01_439

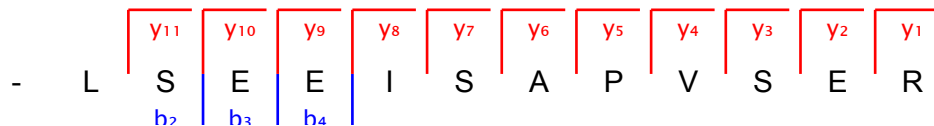
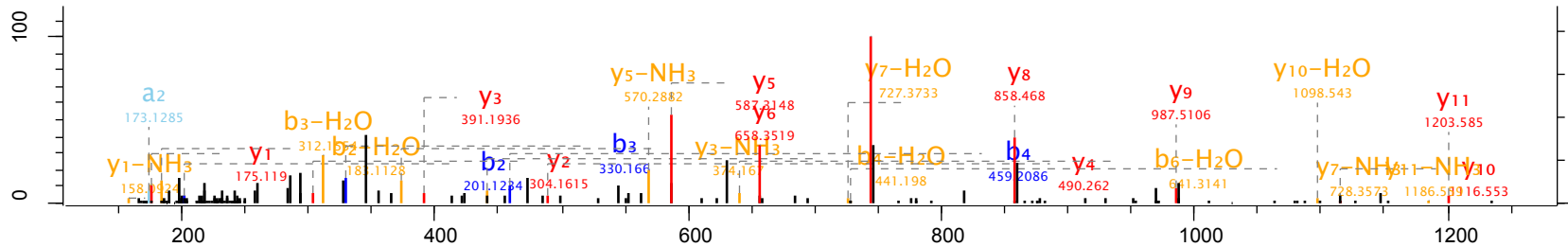
17334

TOF; CID

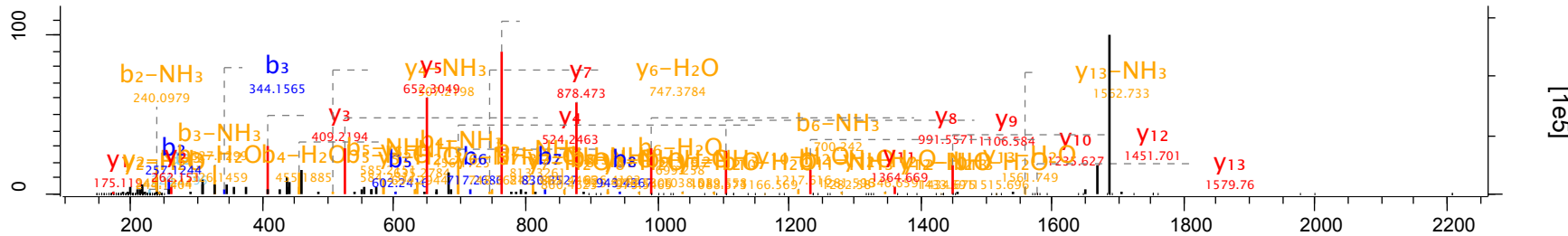
85.81

658.84

ZMYM6NB



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract4_dyn_5ul_B4_01_439	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

36201

Method

TOF; CID

Score

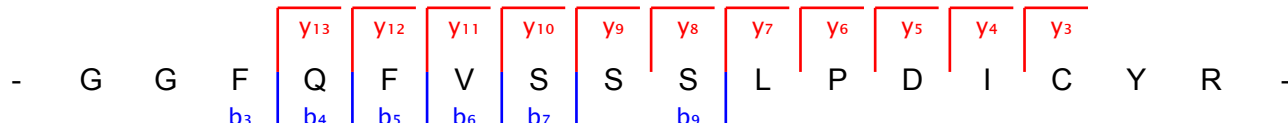
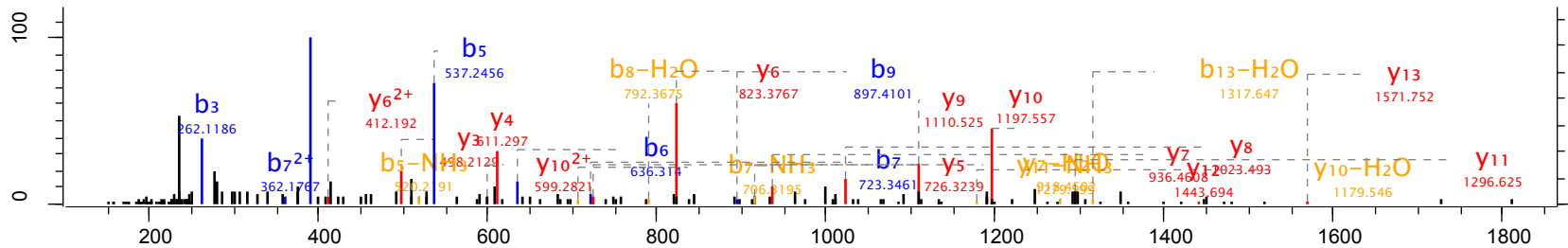
65.72

m/z

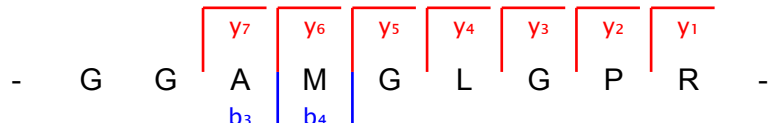
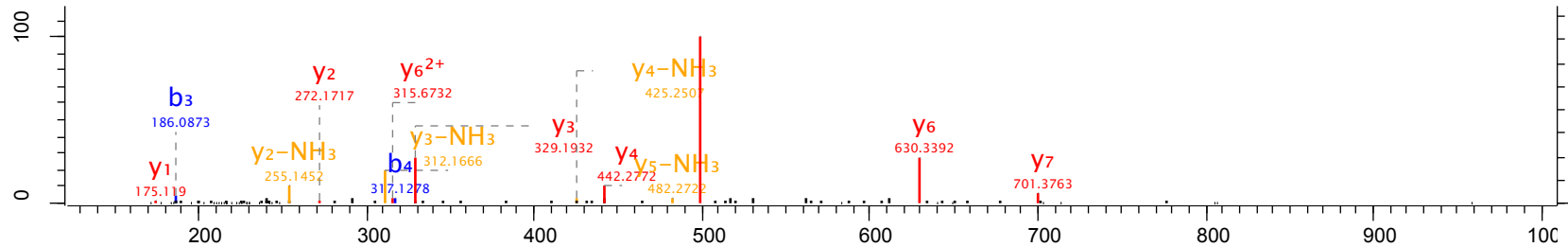
917.44

Gene names

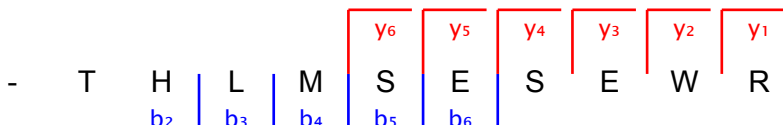
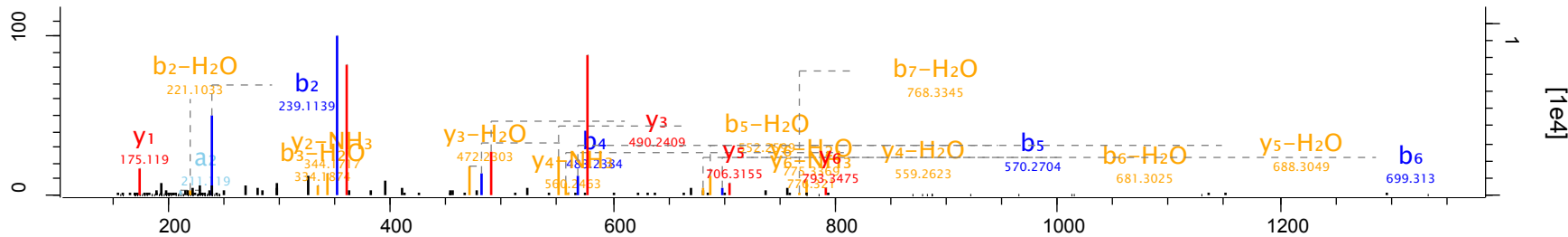
CNBP



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	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

29617

Method

TOF; CID

Score

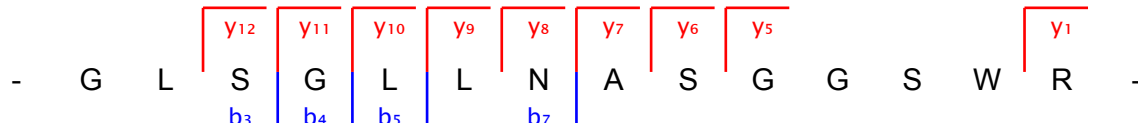
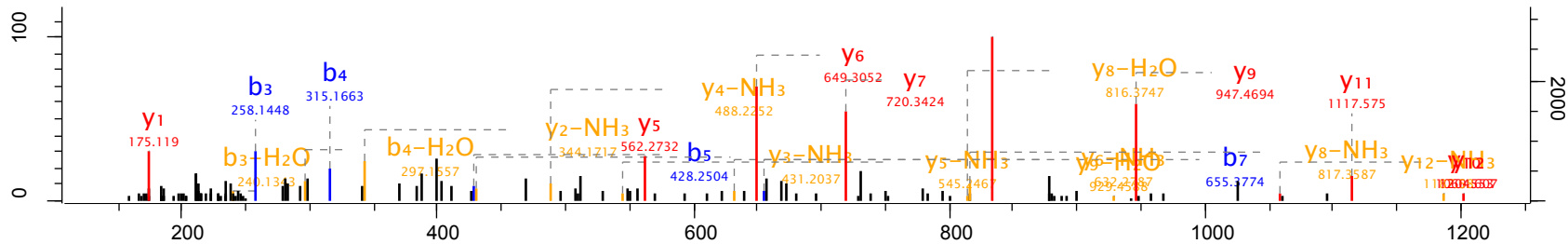
58.89

m/z

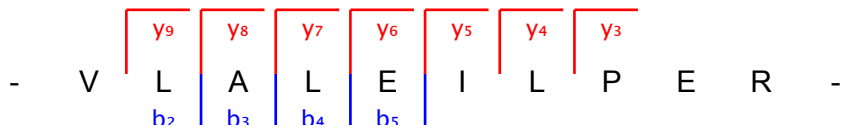
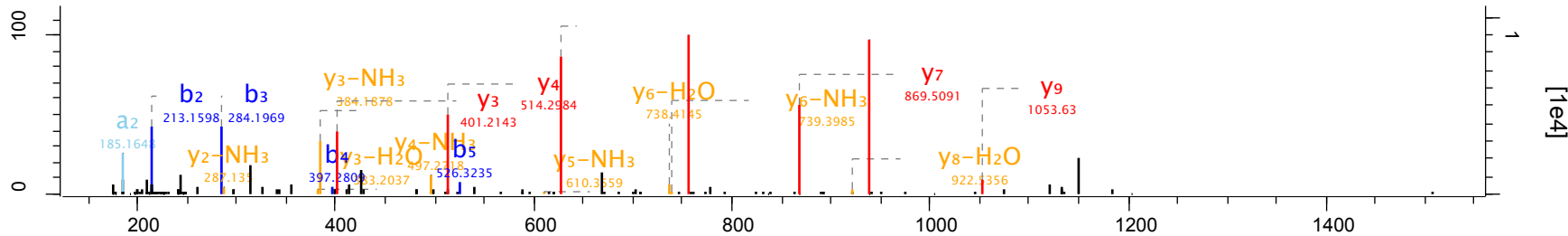
687.86

Gene names

FAM89B



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_fract6_dyn_5ul_B6_01_441

Scan

10157

Method

TOF; CID

Score

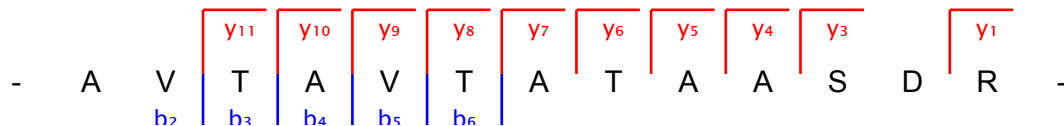
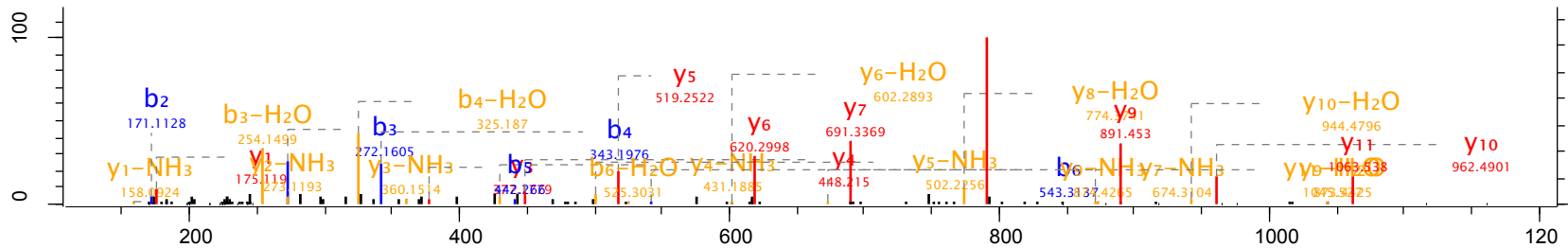
118.76

m/z

617.32

Gene names

HDGFRP2



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

22628

Method

TOF; CID

Score

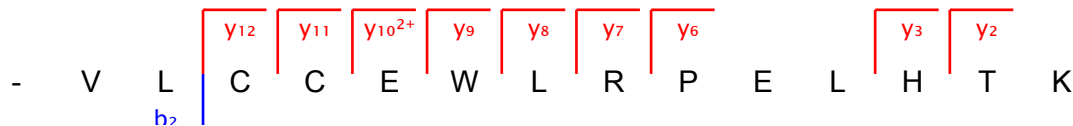
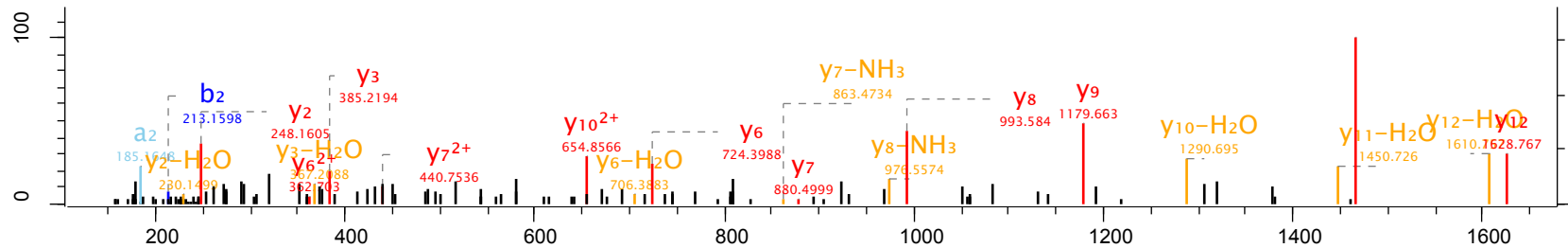
86.8

m/z

461.23

Gene names

ZKSCAN5



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

26604

Method

TOF; CID

Score

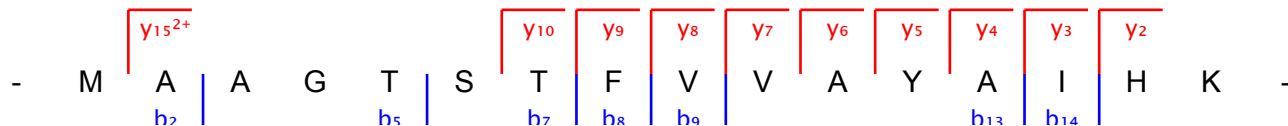
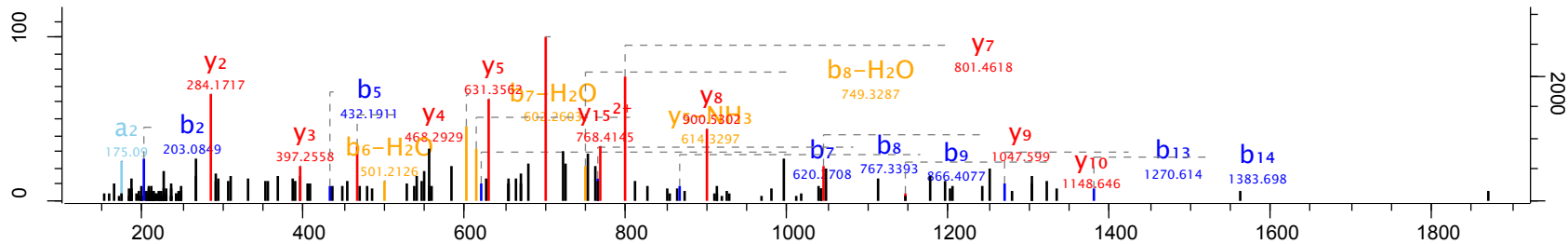
73.83

m/z

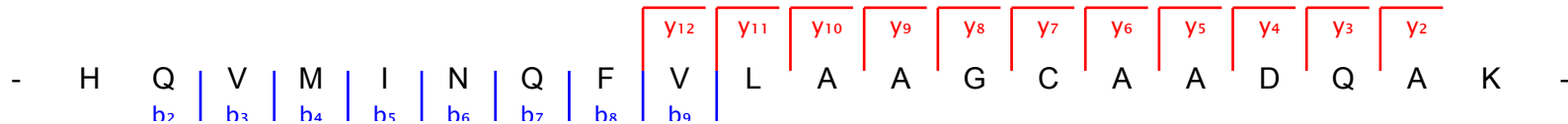
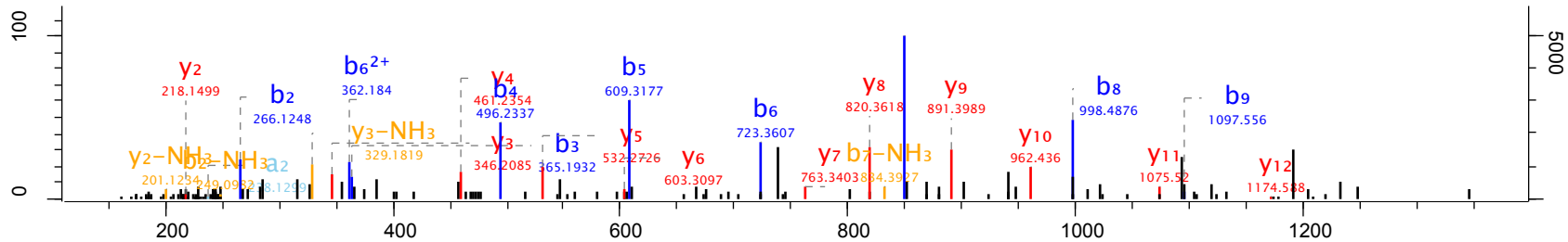
556.29

Gene names

FAM210B



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



Raw file

20140925_fract6_dyn_5ul_B6_01_441

Scan

34441

Method

TOF; CID

Score

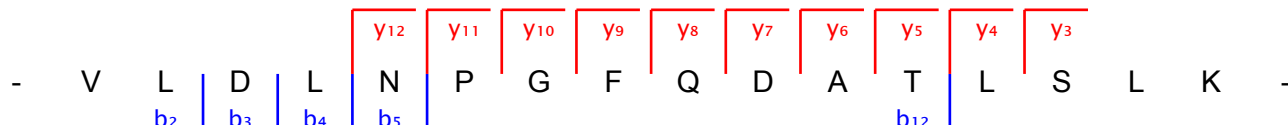
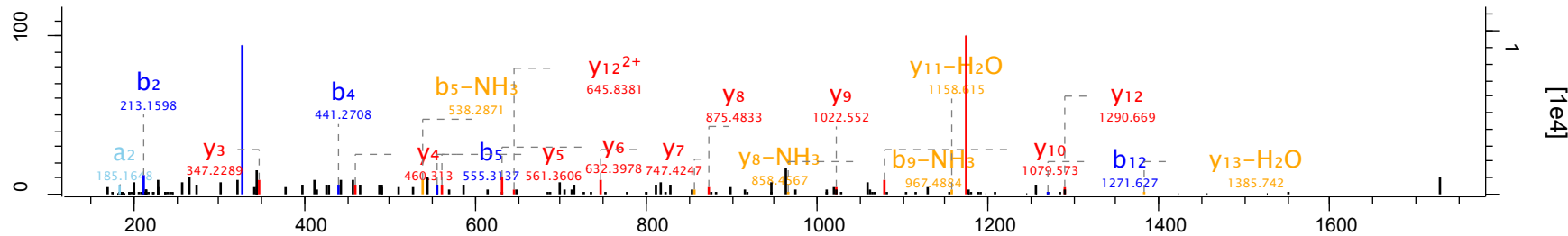
60.54

m/z

866.47

Gene names

TTC32



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract7_dyn_5ul_B7_01_442

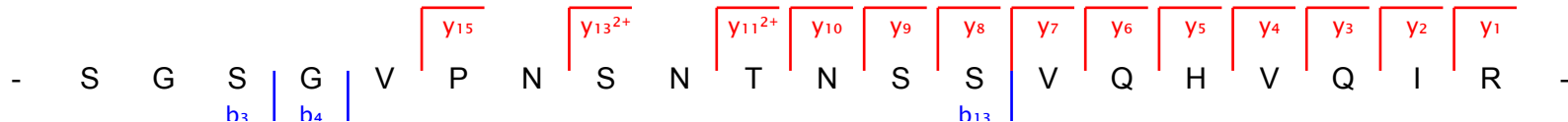
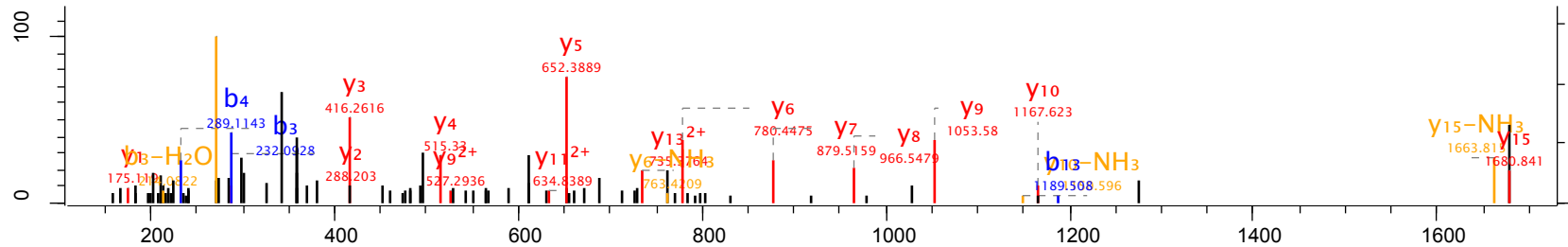
11706

TOF; CID

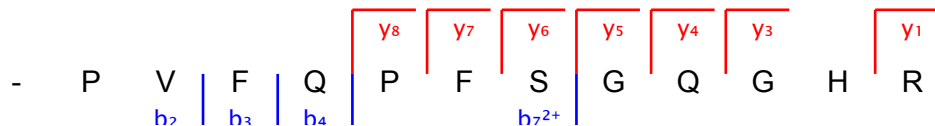
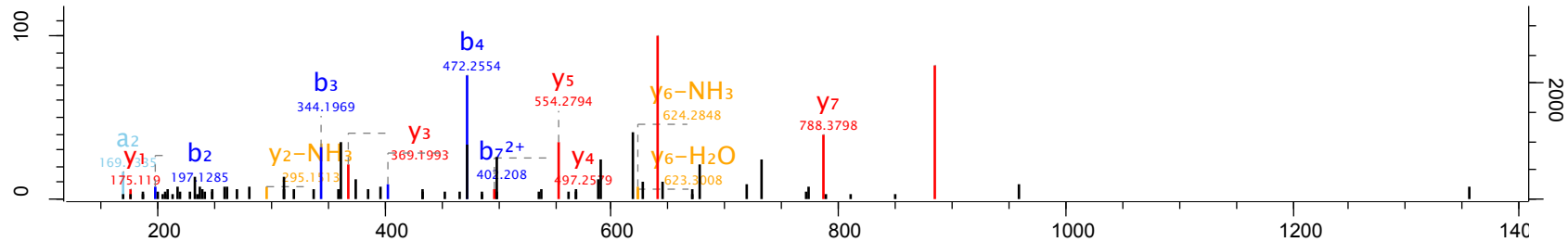
66.15

690.34

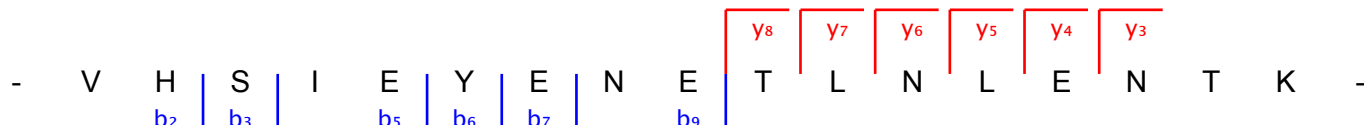
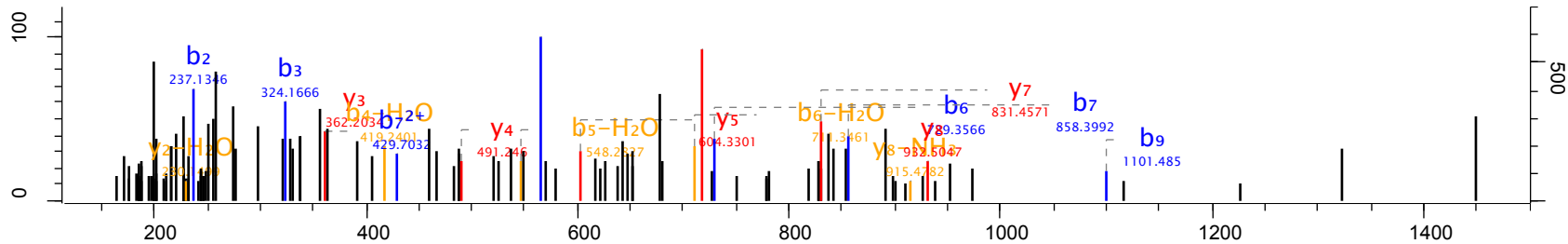
DMTF1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract7_dyn_5ul_B7_01_442	17433	TOF; CID	49.93	452.9	UBXN2A



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

23880

Method

TOF; CID

Score

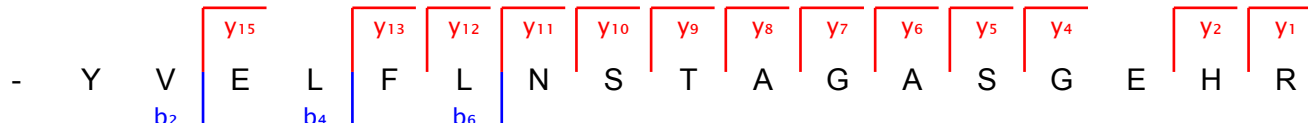
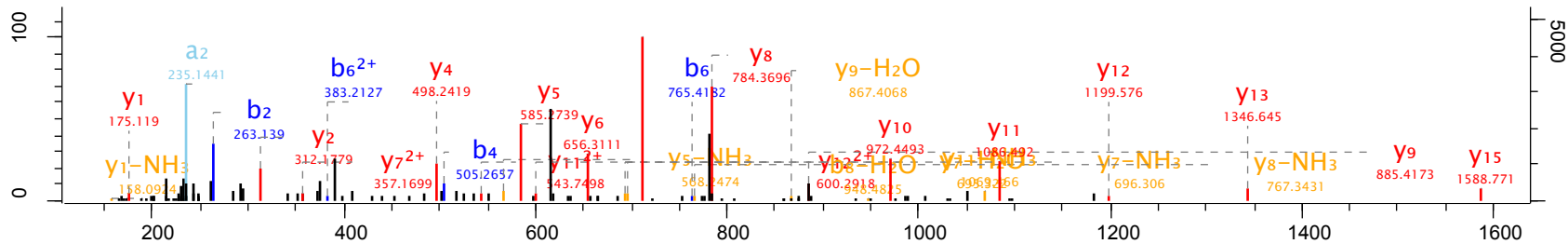
105.53

m/z

617.97

Gene names

HNRNPH1



Raw file

20140925_fract7_dyn_5ul_B7_01_442

Scan

24744

Method

TOF; CID

Score

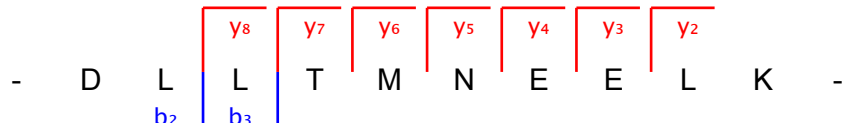
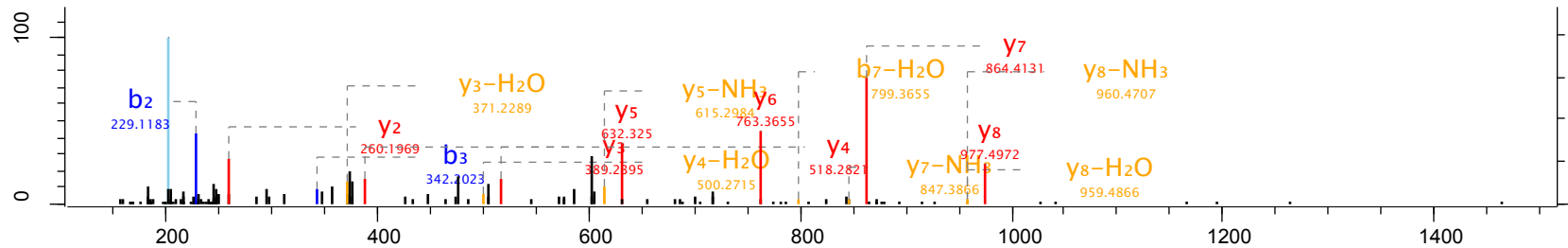
105.98

m/z

603.31

Gene names

TAF13



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

5102

Method

TOF; CID

Score

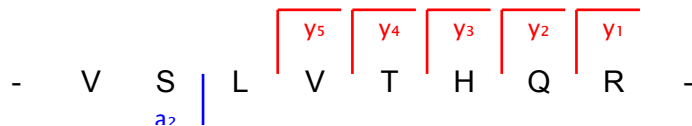
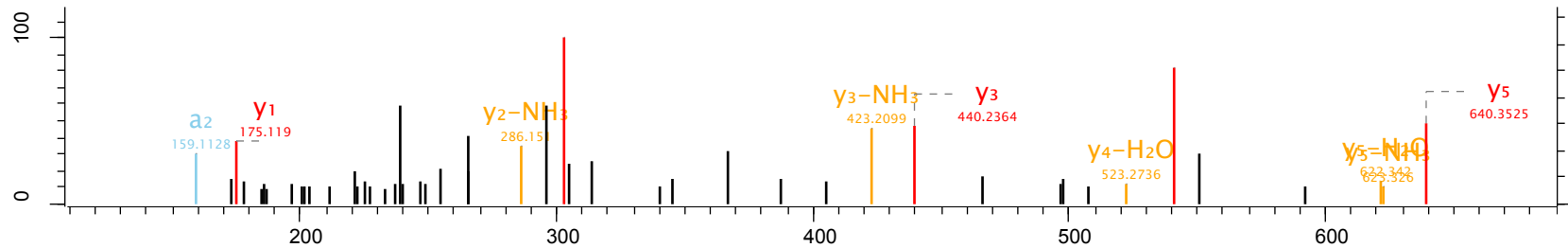
79.47

m/z

313.85

Gene names

ZNF212



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

9549

Method

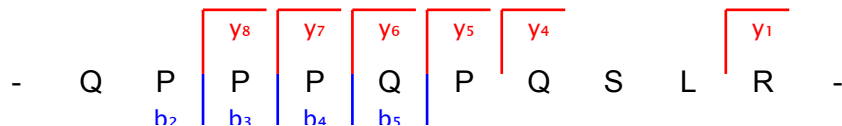
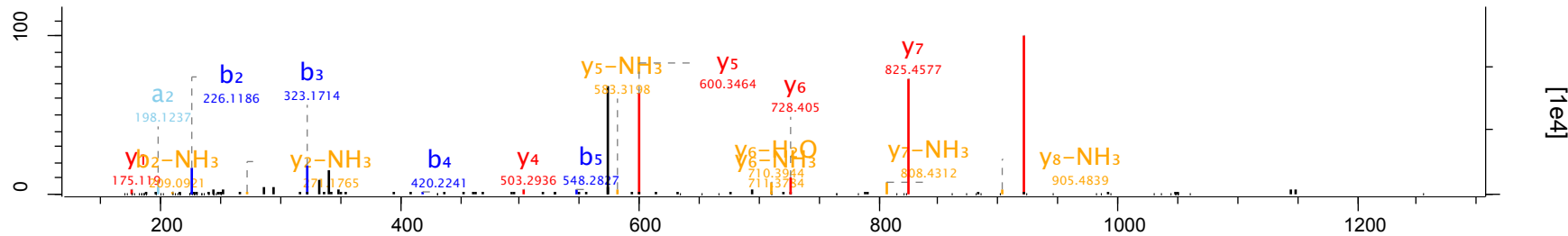
TOF; CID

Score

103.26

m/z

574.32



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

12927

Method

TOF; CID

Score

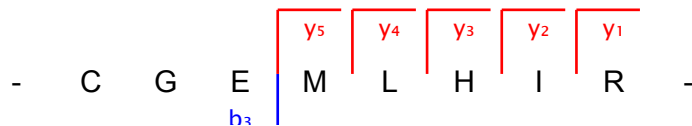
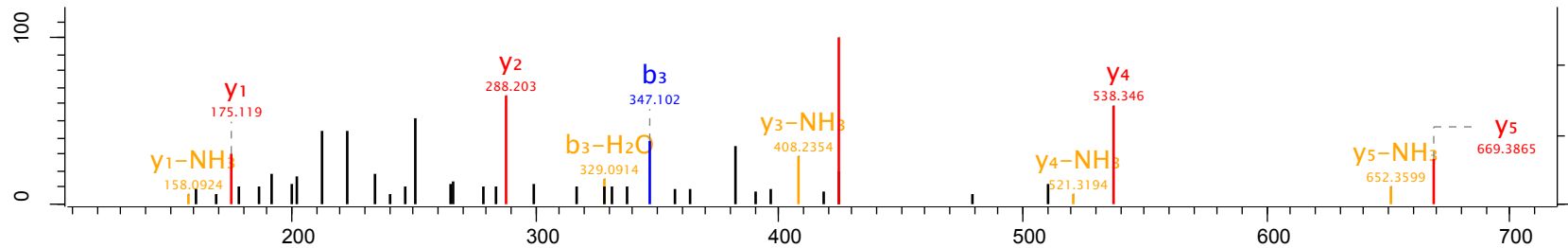
79.12

m/z

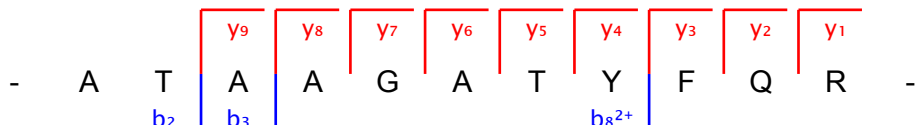
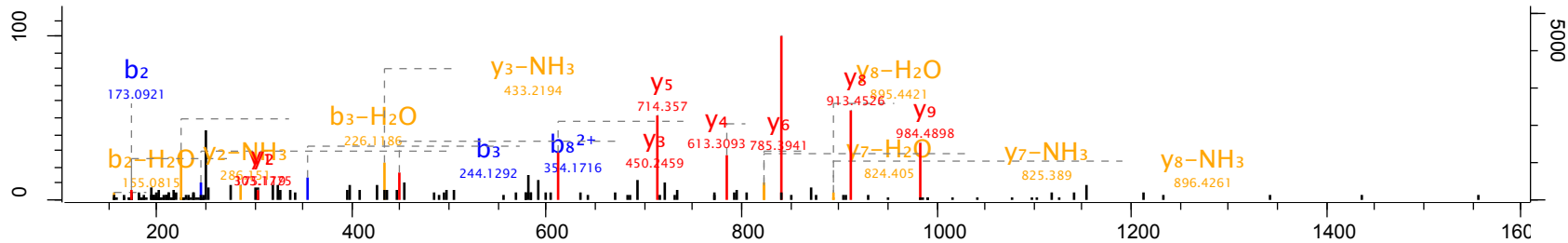
339.16

Gene names

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

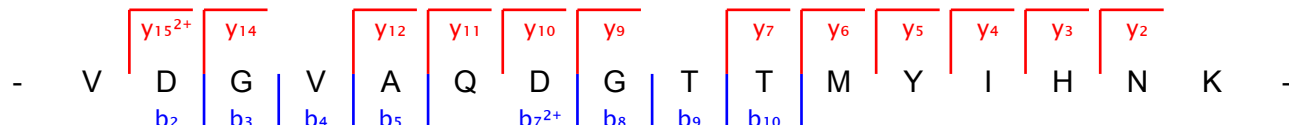
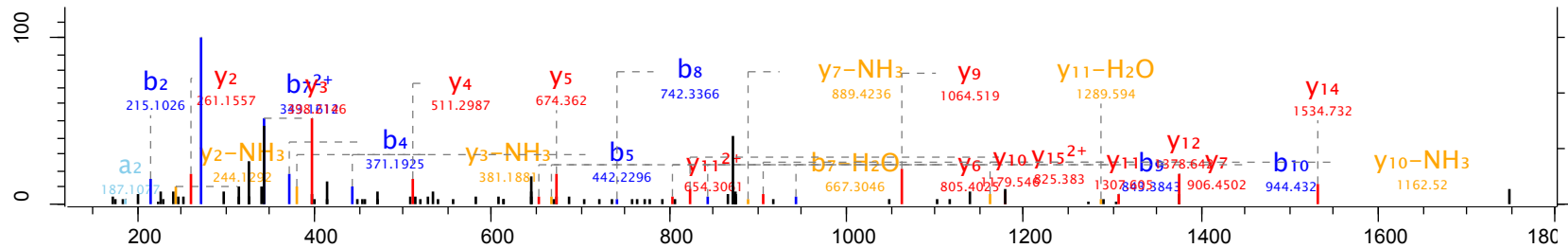
107.82

m/z

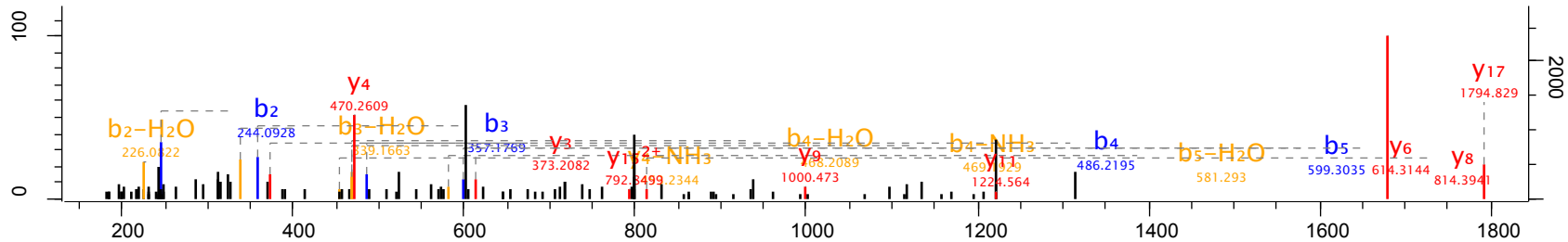
874.92

Gene names

TMEM181



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract8_dyn_5ul_B8_01_443	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

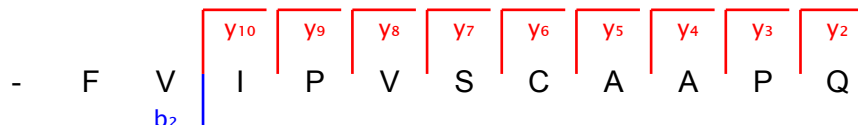
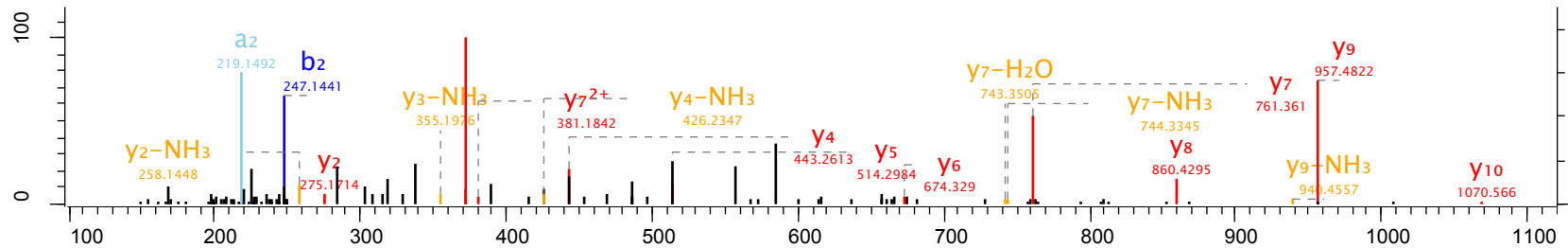
75.82

m/z

658.85

Gene names

PLAC1



Raw file

20140925_fract8_dyn_5ul_B8_01_443

Scan

30412

Method

TOF; CID

Score

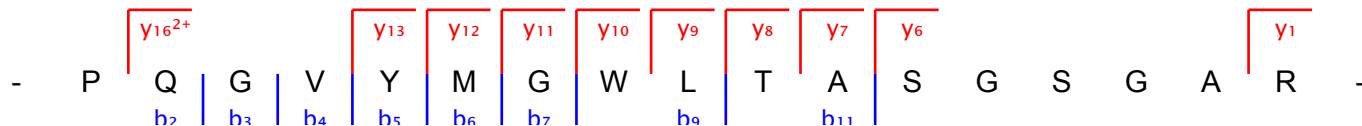
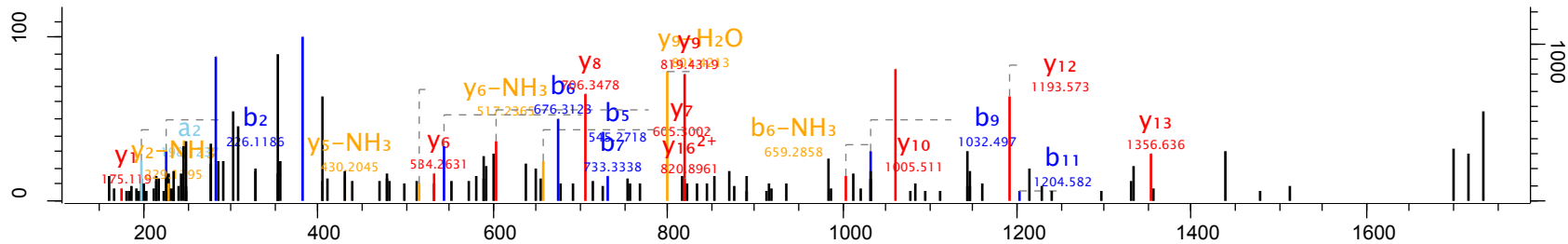
64.27

m/z

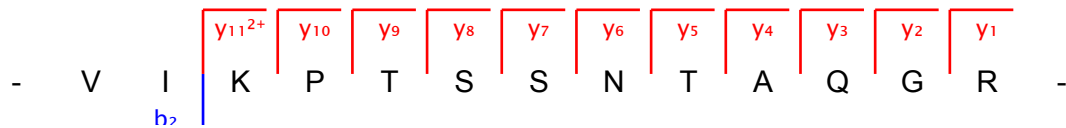
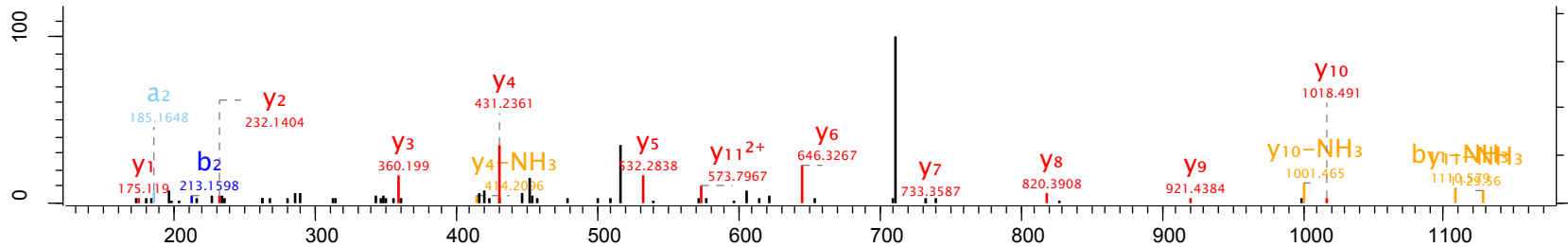
869.43

Gene names

MFSD8



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

20140925_fract9_dyn_5ul_C1_01_444

Scan

25470

Method

TOF; CID

Score

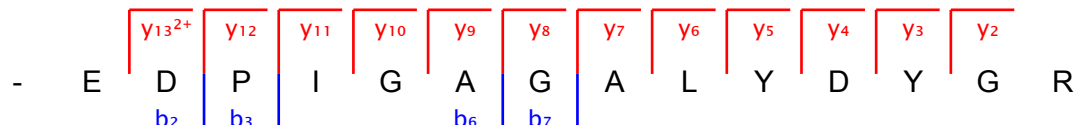
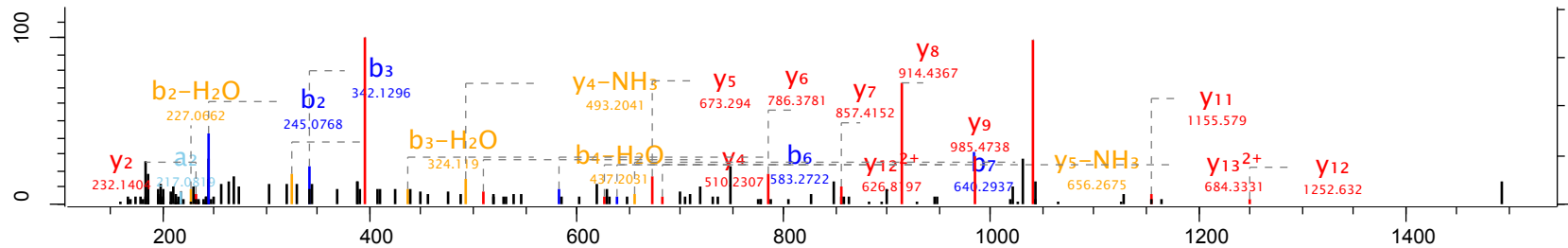
65.37

m/z

749.36

Gene names

MT-ND6



Raw file

20140925_fract9_dyn_5ul_C1_01_444

Scan

29165

Method

TOF; CID

Score

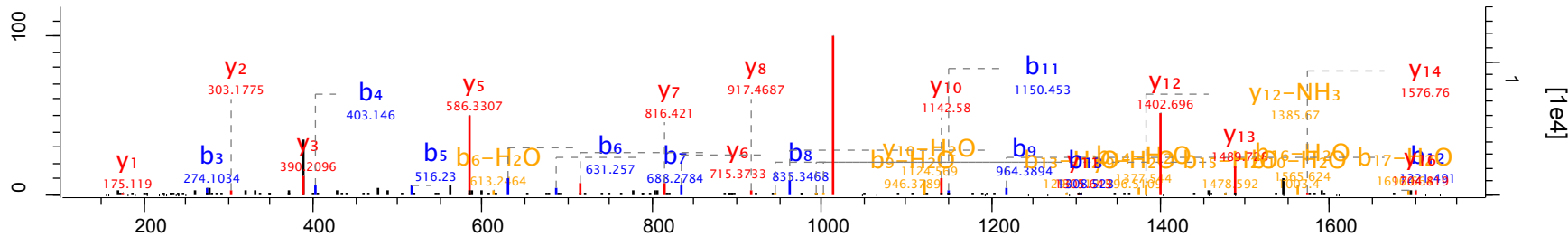
87.36

m/z

1207.54

Gene names

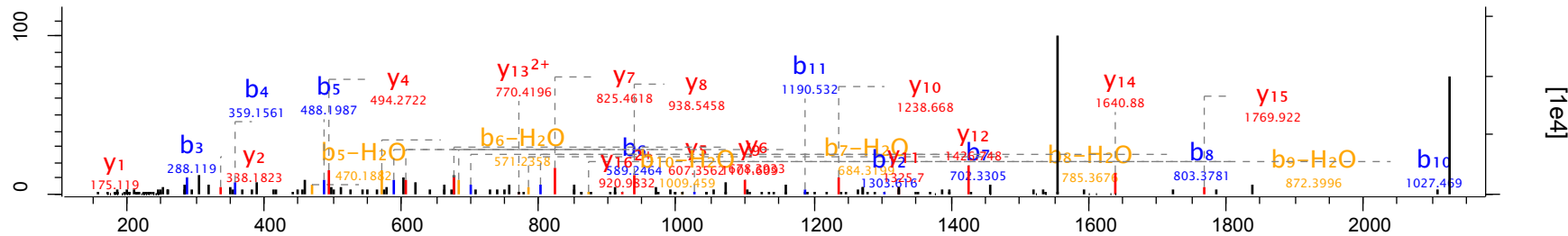
CMTM4



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

h₃ | h₄ | h₅ | h₆ | h₇ | h₈ | h₉ | h₁₁ | h₁₂ | h₁₃

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

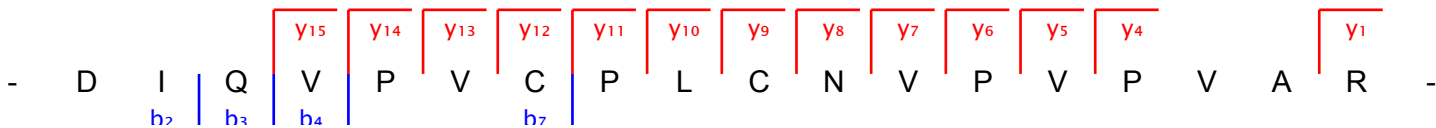
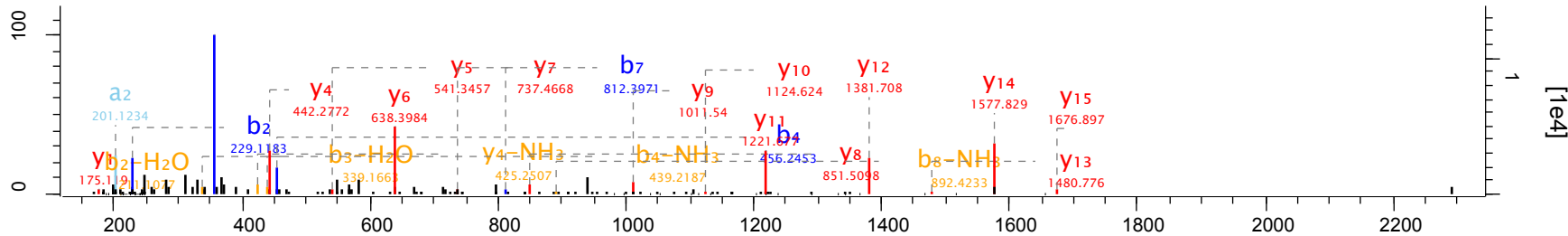


- T G E A E T I T S H Y L F A L G V Y R -

Fragmentation scheme showing amino acid sequence and corresponding b and y ions:

- Red brackets above the sequence indicate y ions: y16²⁺, y15, y14, y13²⁺, y12, y11, y10, y9, y8, y7, y6, y5, y4, y2, y1.
- Blue brackets below the sequence indicate b ions: 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

38245

Method

TOF; CID

Score

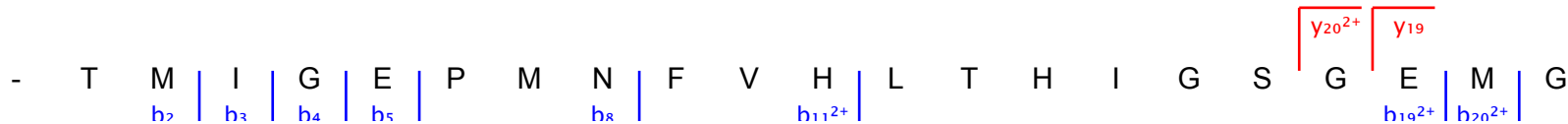
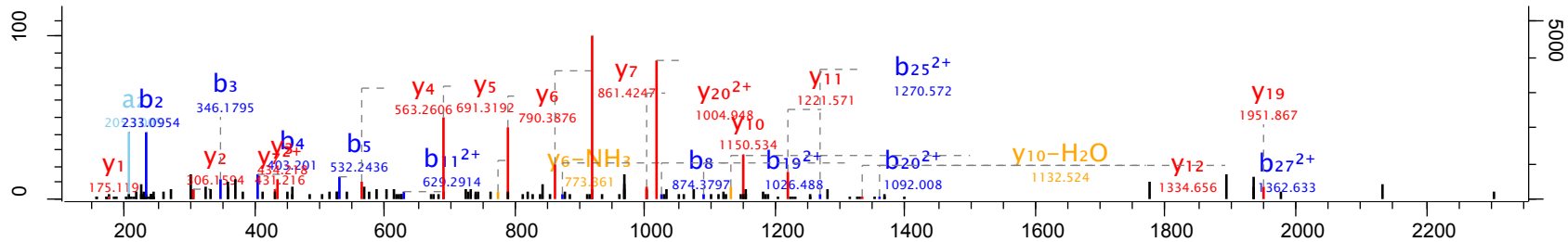
49.83

m/z

969.45

Gene names

CDC42SE1



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract10_dyn_5ul_C2_01_445

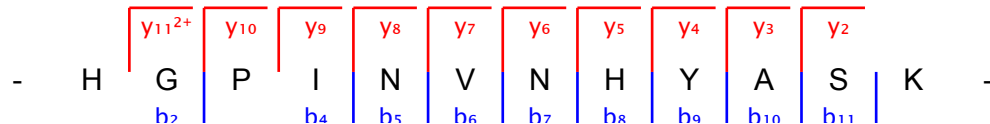
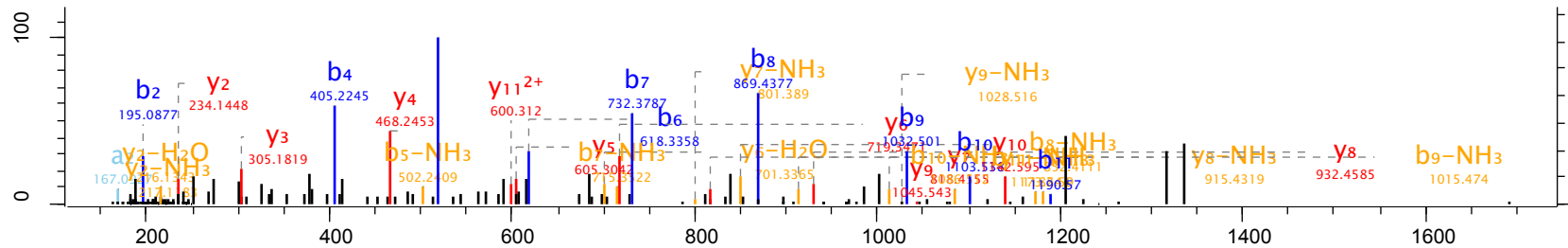
6793

TOF; CID

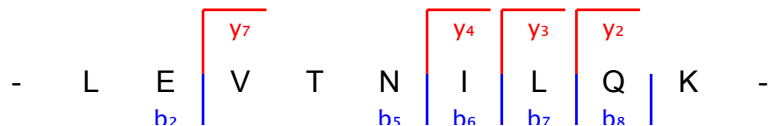
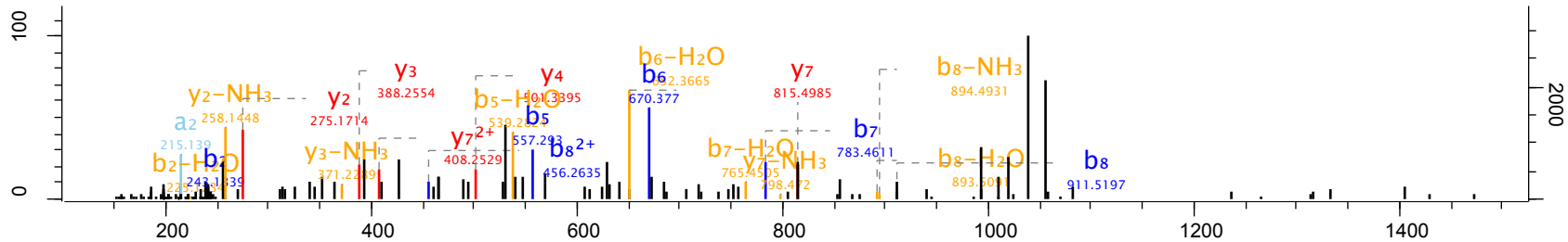
196.27

446.23

NINJ1



Raw file	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

33269

Method

TOF; CID

Score

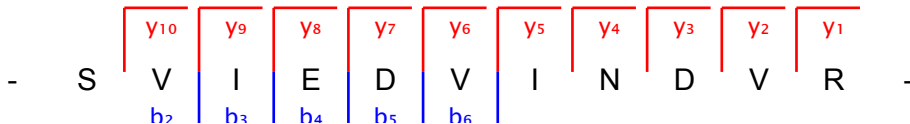
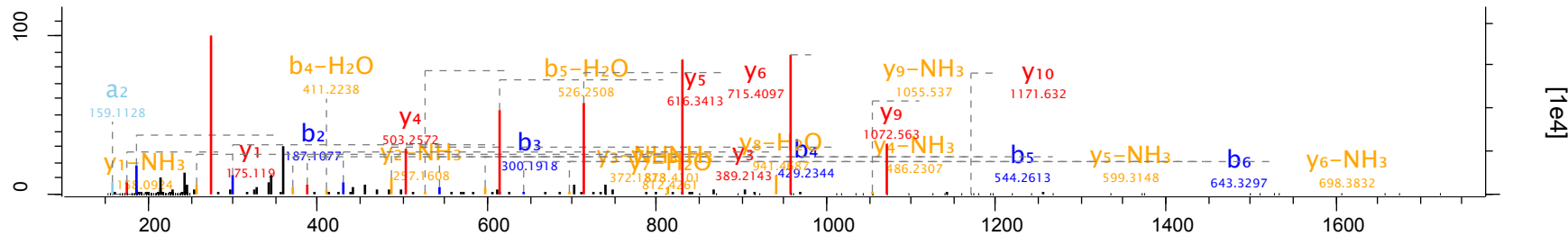
147.62

m/z

629.83

Gene names

GTF2A1;HIST1H4F



Raw file

20140925_fract10_dyn_5ul_C2_01_445

Scan

40949

Method

TOF; CID

Score

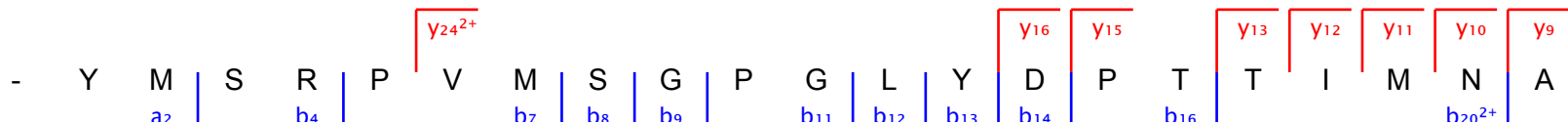
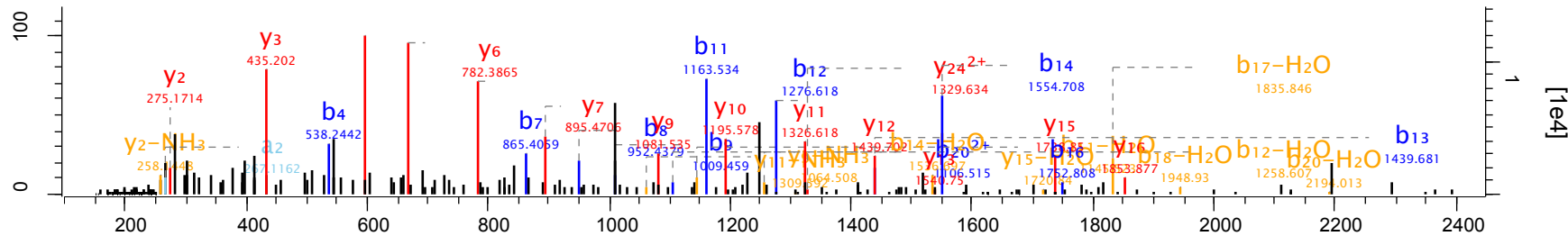
106.28

m/z

1099.53

Gene names

CNIH1



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract11_dyn_5ul_C3_01_446

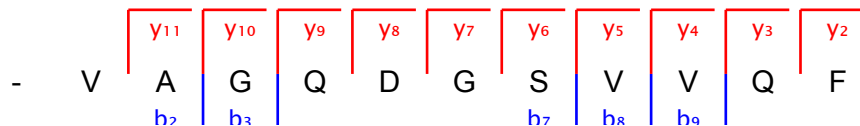
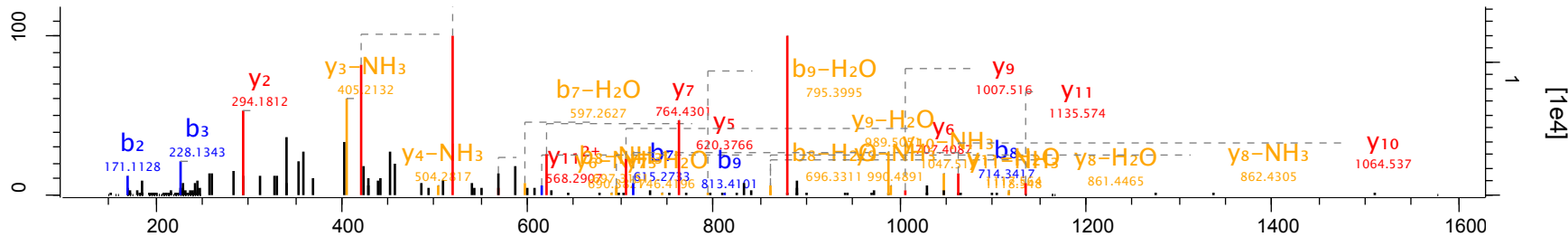
16053

TOF; CID

168.85

617.83

SUMO2;SUMO3;SUMO4



Raw file

20140925_fract11_dyn_5ul_C3_01_446

Scan

28160

Method

TOF; CID

Score

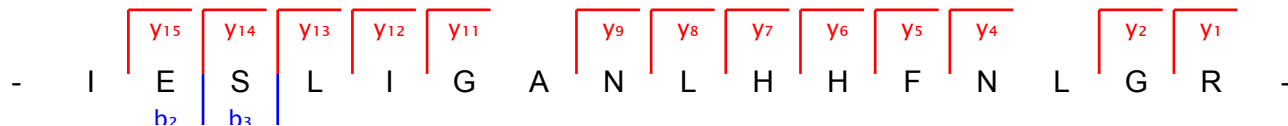
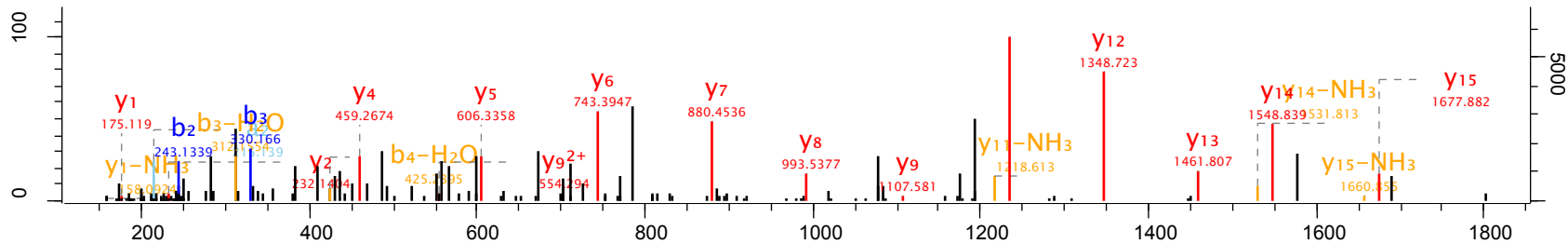
90.71

m/z

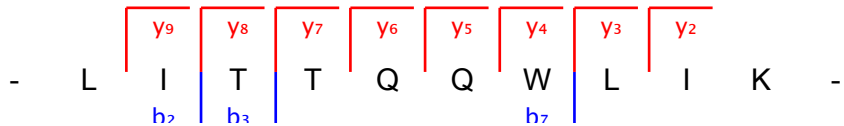
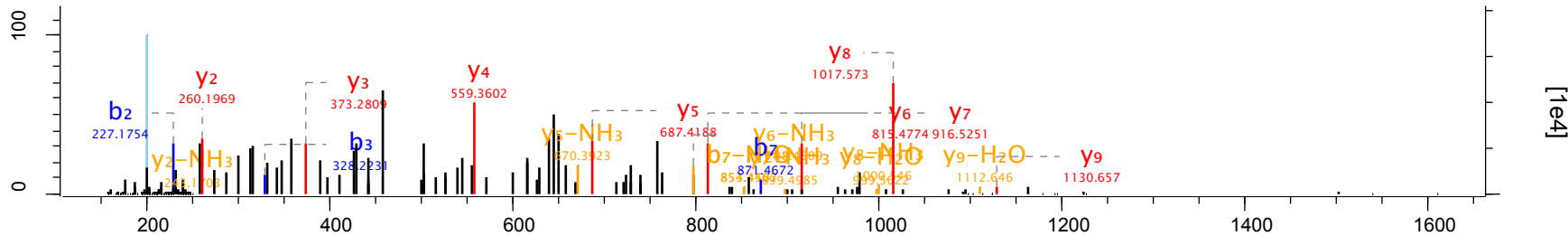
597.99

Gene names

DGCR2



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



Raw file

20140925_fract12_dyn_5ul_C4_01_447

Scan

10892

Method

TOF; CID

Score

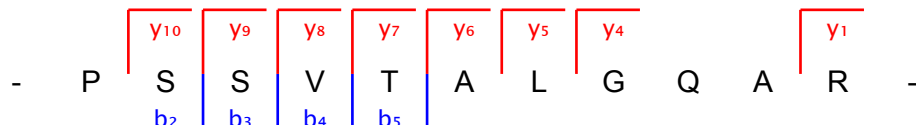
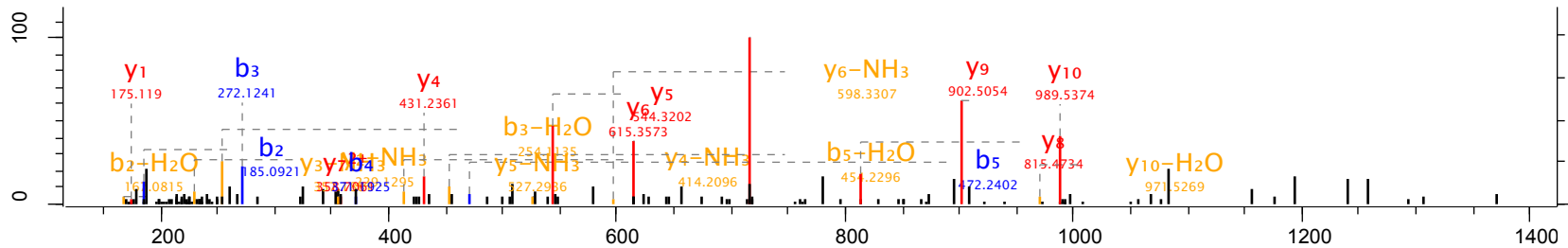
67.38

m/z

543.8

Gene names

SLC26A11



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

8066

Method

TOF; CID

Score

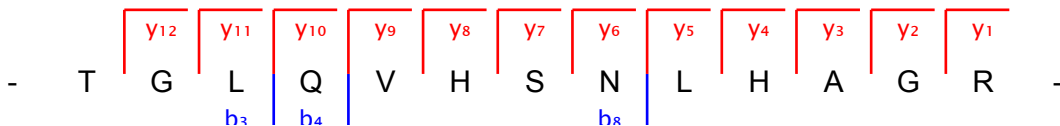
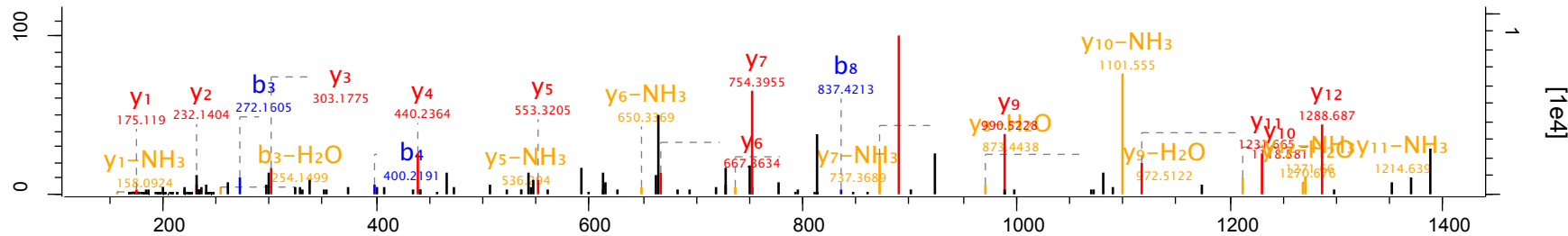
107.65

m/z

463.92

Gene names

ARNTL2



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract13_dyn_5ul_C5_01_448

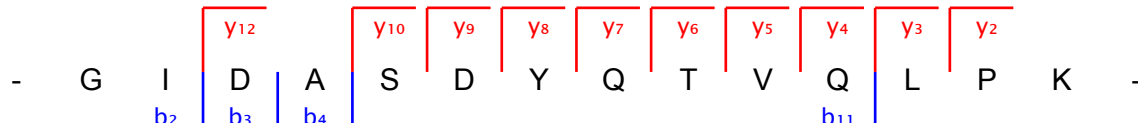
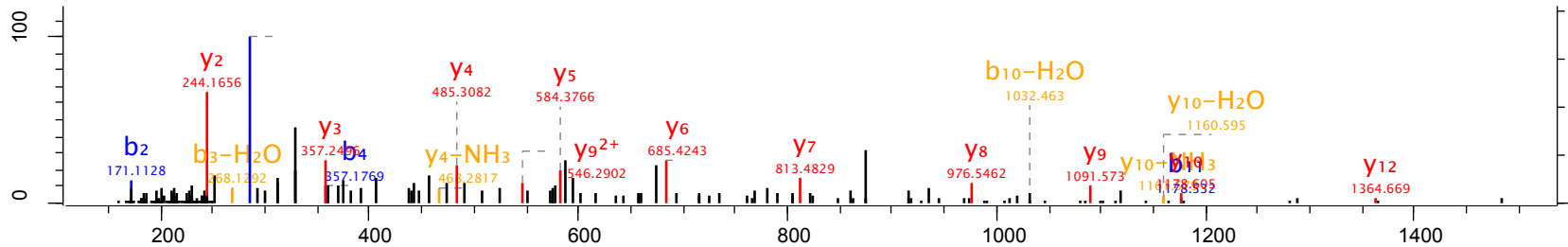
22877

TOF; CID

73.39

767.89

PREP



Raw file

20140925_fract13_dyn_5ul_C5_01_448

Scan

23106

Method

TOF; CID

Score

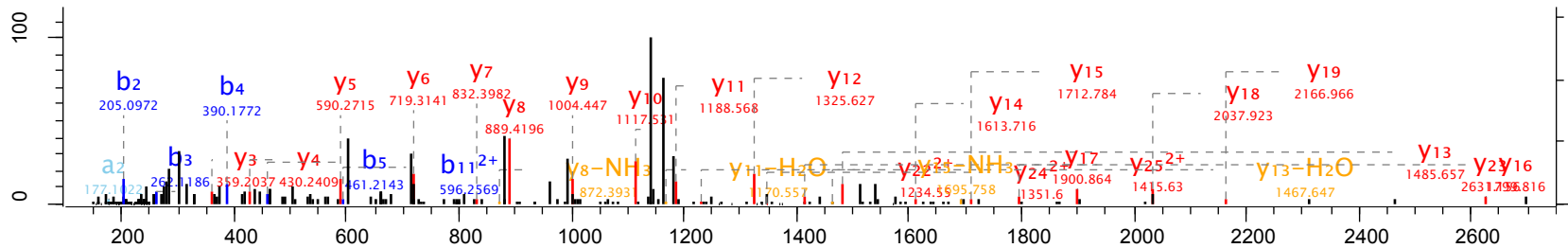
56.37

m/z

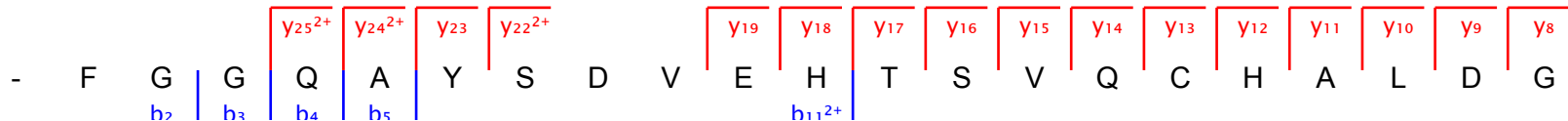
773.85

Gene names

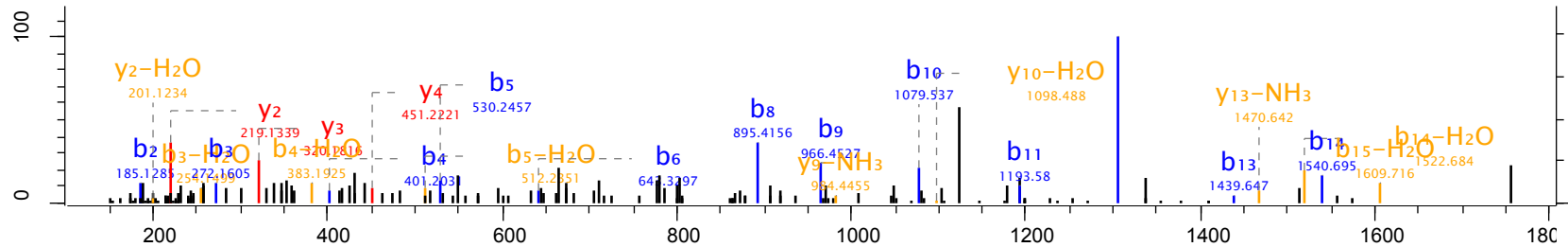
TM2D2



[1e4]



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

Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract14_dyn_5ul_C6_01_449

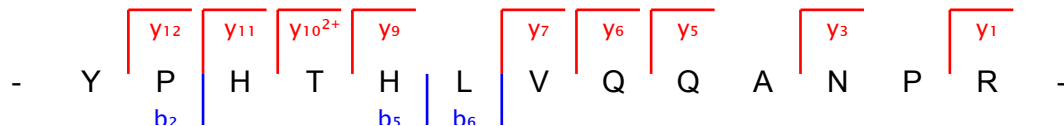
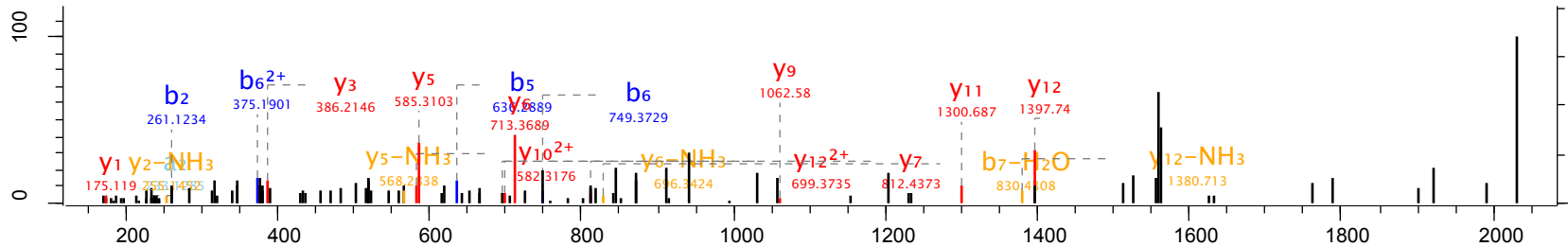
8085

TOF; CID

68

521.27

GDF11



Raw file

20140925_fract14_dyn_5ul_C6_01_449

Scan

38602

Method

TOF; CID

Score

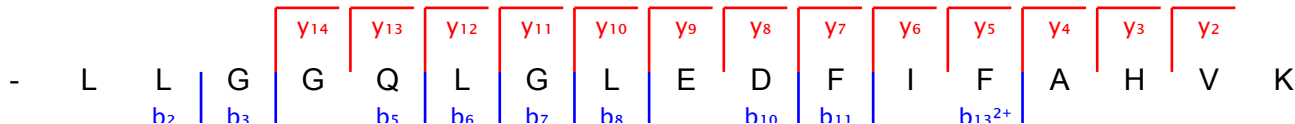
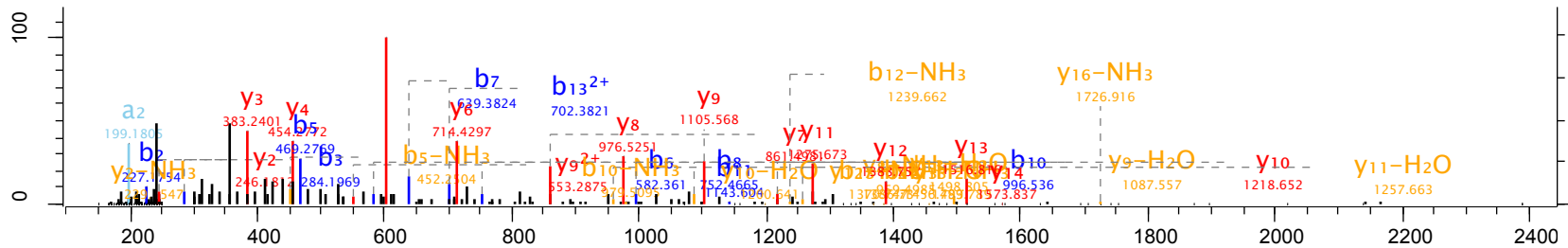
128.74

m/z

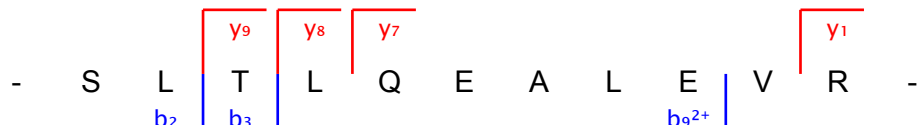
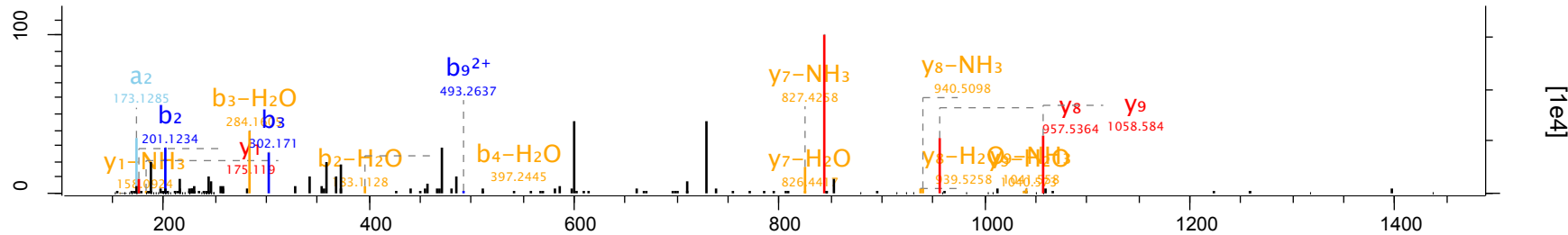
620.02

Gene names

GIPC2



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

Scan

Method

Score

m/z

Gene names

20140925_fract16_dyn_5ul_C8_01_451

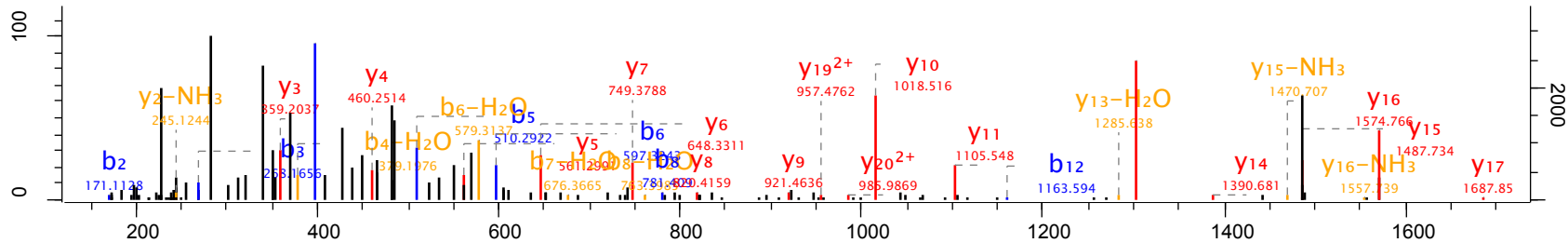
18592

TOF; CID

81.57

1043.03

ZFP36



Raw file

20140925_fract16_dyn_5ul_C8_01_451

Scan

19513

Method

TOF; CID

Score

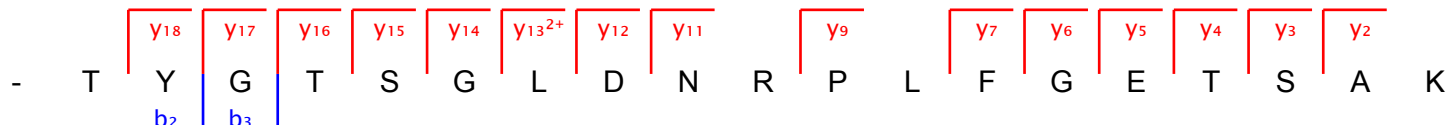
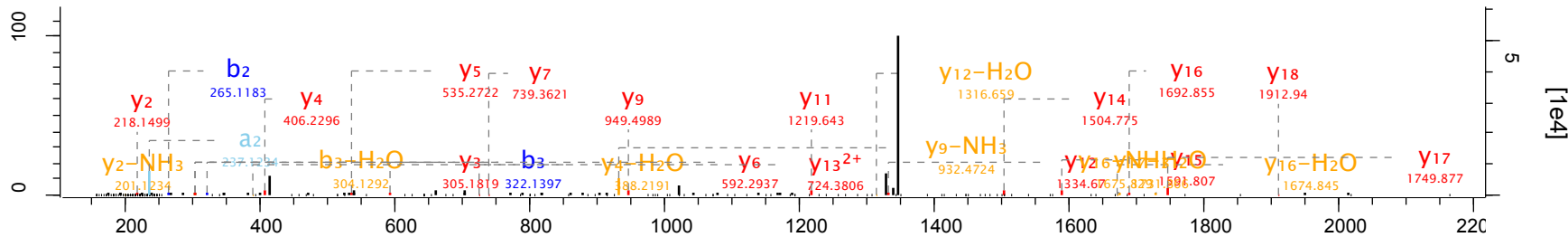
93.37

m/z

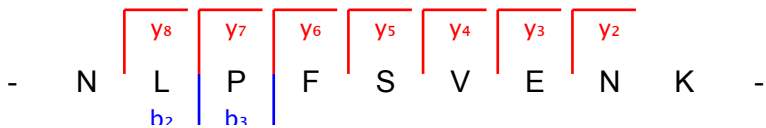
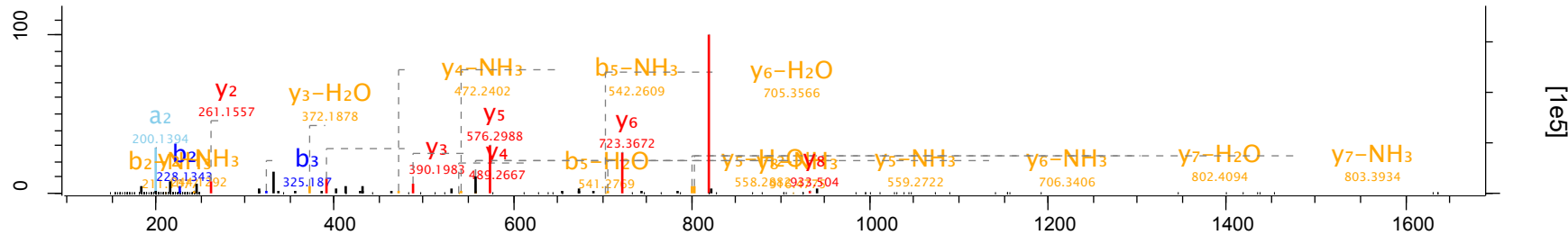
672.33

Gene names

TMEM243



Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract16_dyn_5ul_C8_01_451	19533	TOF; CID	137.05	524.28	COX7C



Raw file

20140925_fract17_dyn_5ul_H1_01_452

Scan

23260

Method

TOF; CID

Score

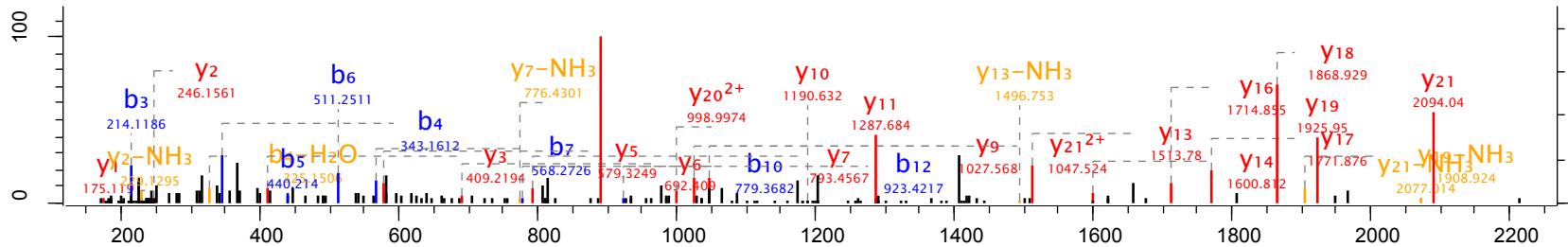
99.45

m/z

813.07

Gene names

LHFPL2



Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

5019

Method

TOF; CID

Score

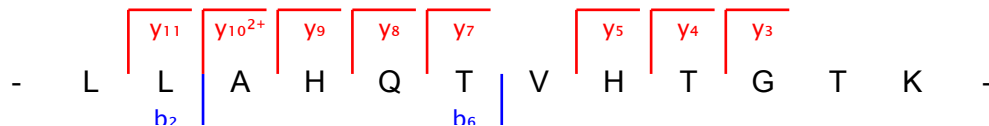
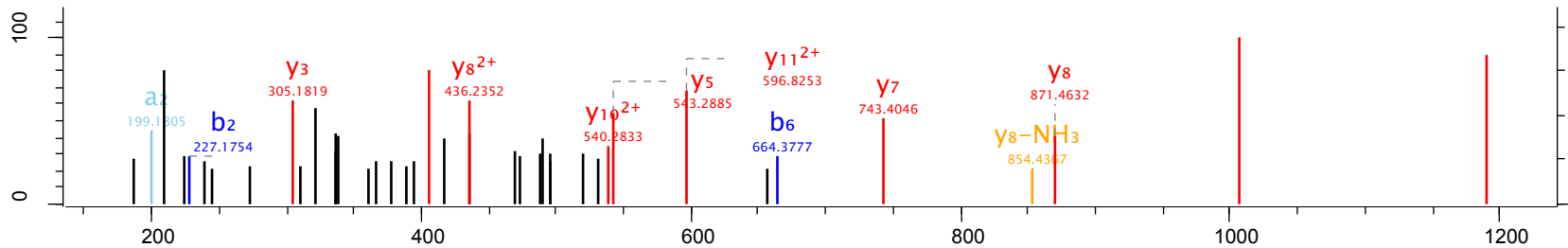
72.29

m/z

436.25

Gene names

ZNF707



Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

8990

Method

TOF; CID

Score

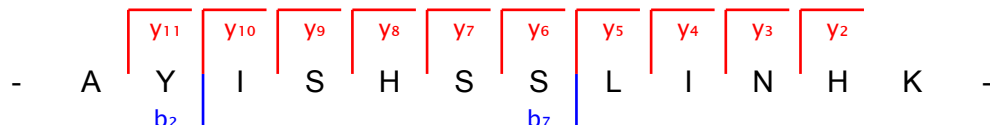
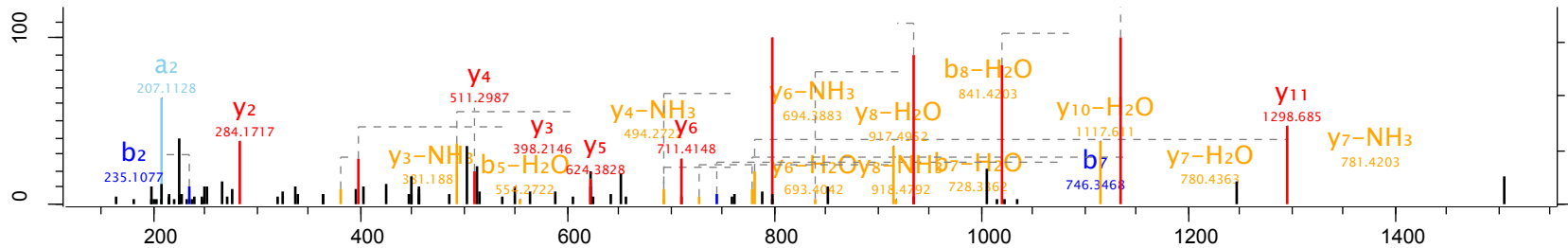
123.67

m/z

457.24

Gene names

ZFP62



Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

11106

Method

TOF; CID

Score

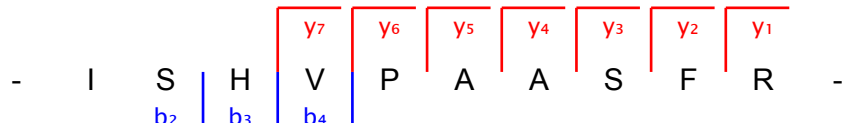
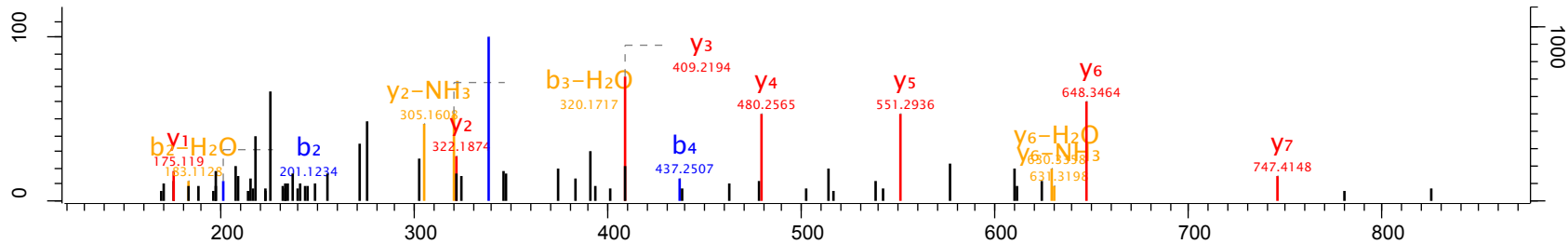
63.32

m/z

362.2

Gene names

RTN4R



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract18_dyn_5ul_H2_01_453

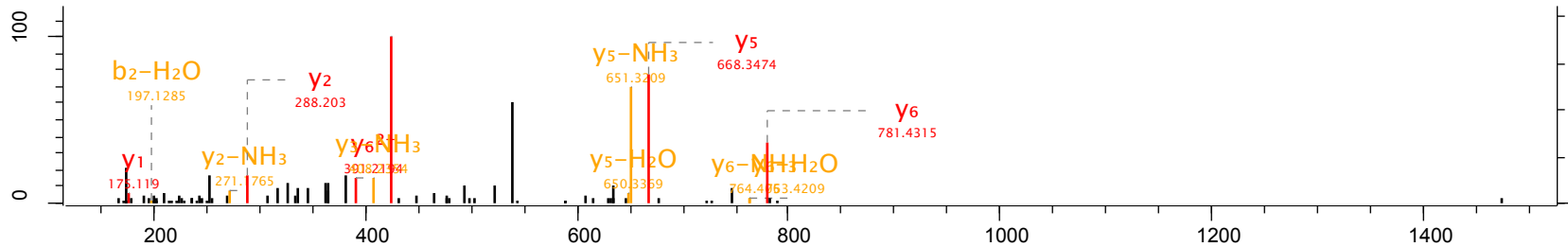
15973

TOF; CID

81.3

365.55

ATAT1

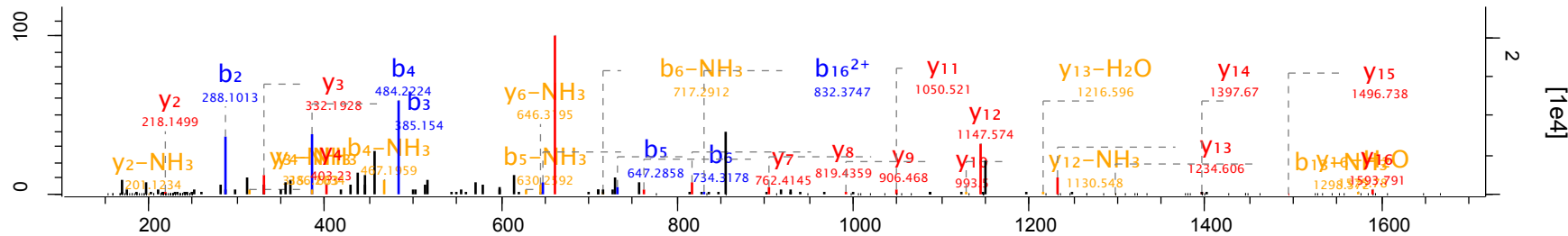


- I T V L D Q H L R -

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

- y_6 covers L and D
- y_5 covers D and Q
- y_3 covers H and L
- y_2 covers L and R
- y_1 covers R

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⁺

Raw file

20140925_fract18_dyn_5ul_H2_01_453

Scan

26801

Method

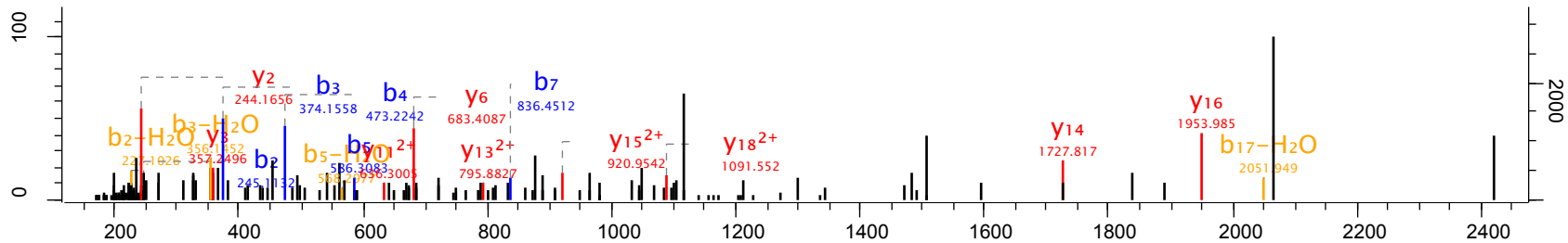
TOF; CID

Score

55.44

m/z

809.4

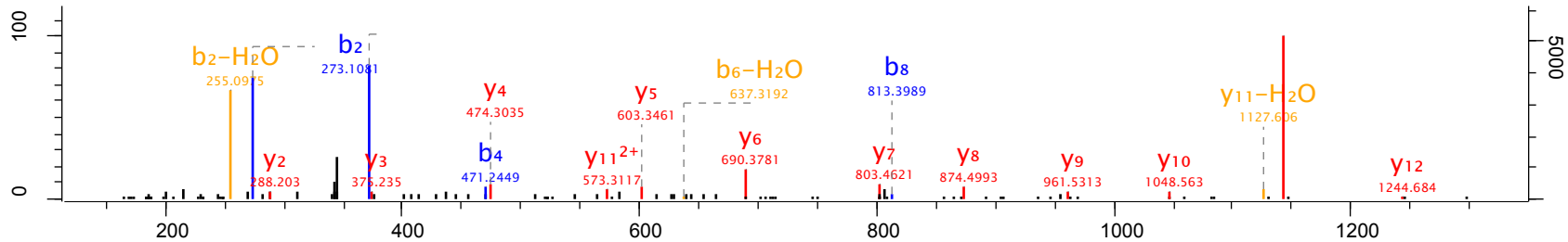


ac

- T T E V I L H Y R P C E S D P T Q L P K -

b₂ b₃ b₄ b₅ b₇
y₁₈²⁺ y₁₆ y₁₅²⁺ y₁₄ y₁₃²⁺ y₁₁²⁺ y₆ y₃ y₂

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 -

h₂ | h₃ | h₄ | h₈

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

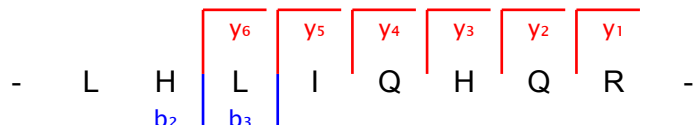
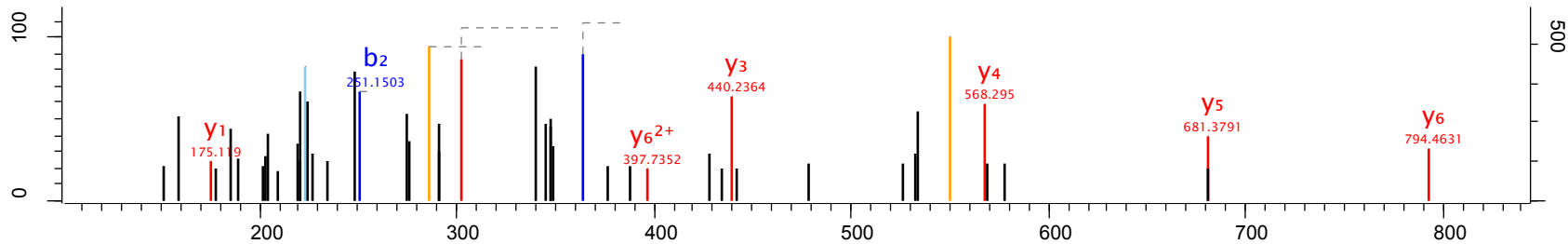
79.12

m/z

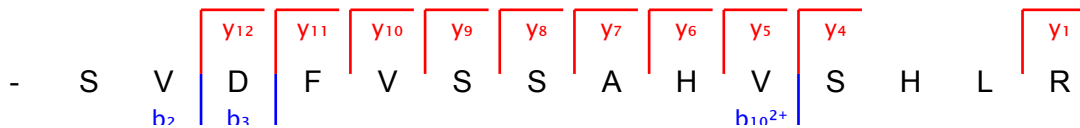
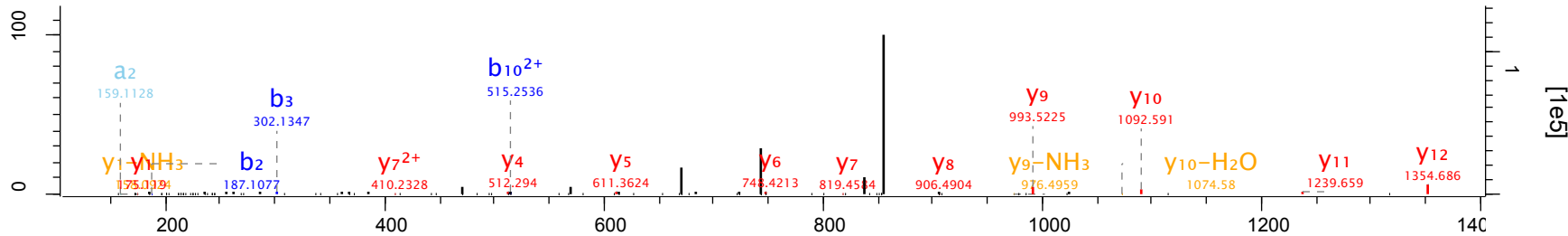
348.87

Gene names

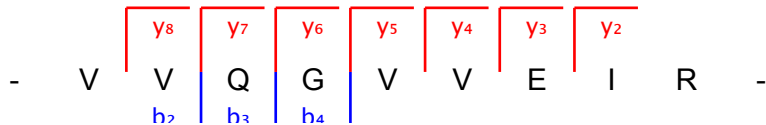
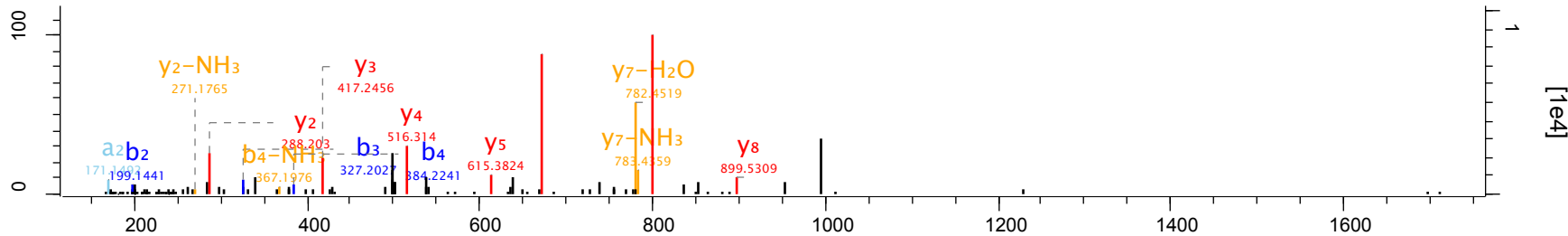
ZNF12



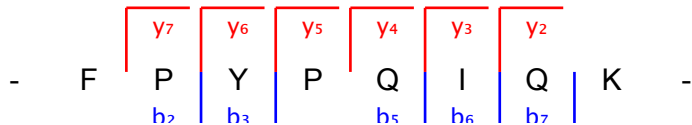
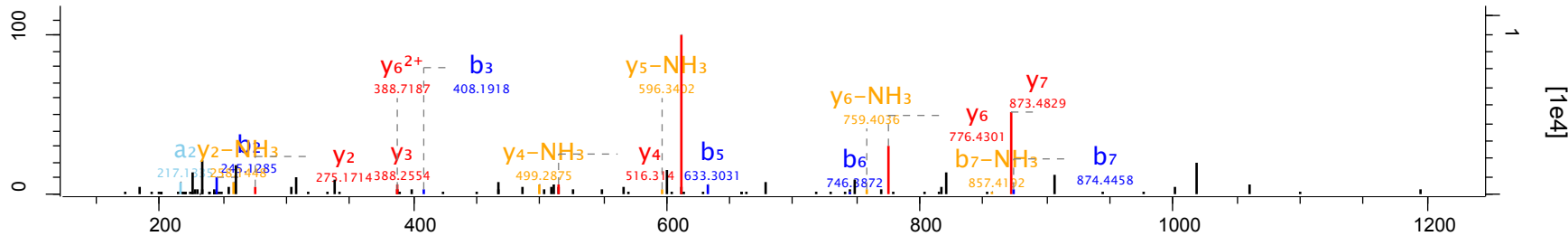
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract19_dyn_5ul_H3_01_454	14659	TOF; CID	49.19	514.27	TMEM53



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	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

26432

Method

TOF; CID

Score

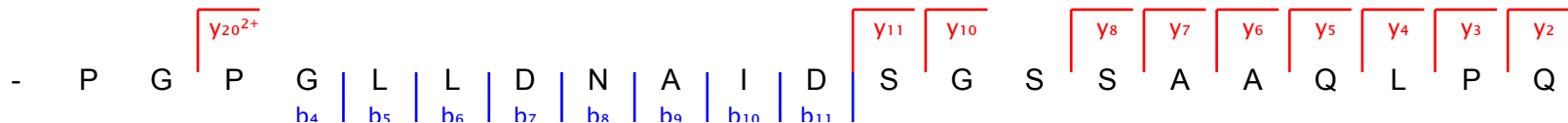
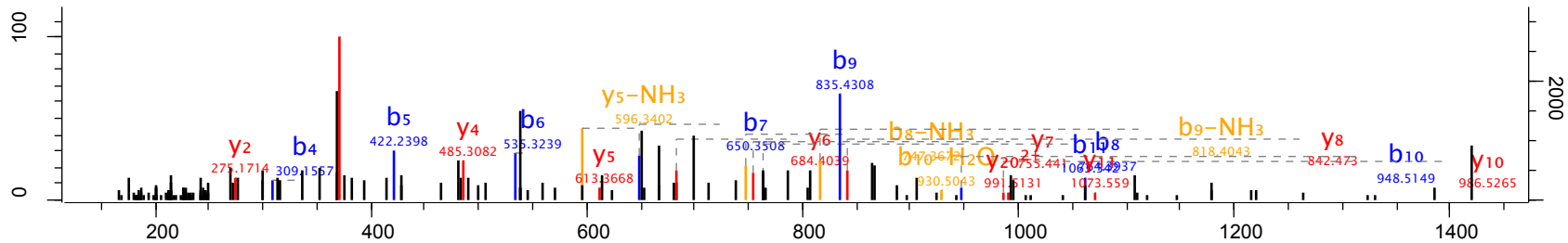
42.64

m/z

712.7

Gene names

SDC3



Raw file

20140925_fract20_dyn_5ul_H4_01_455

Scan

16399

Method

TOF; CID

Score

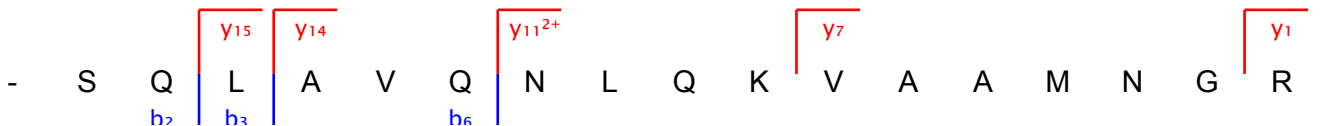
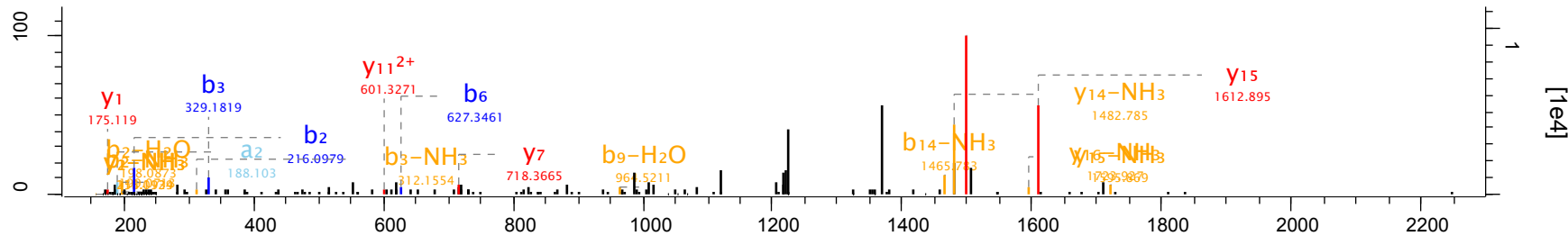
46.89

m/z

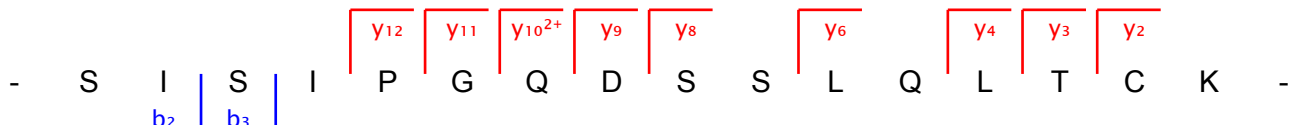
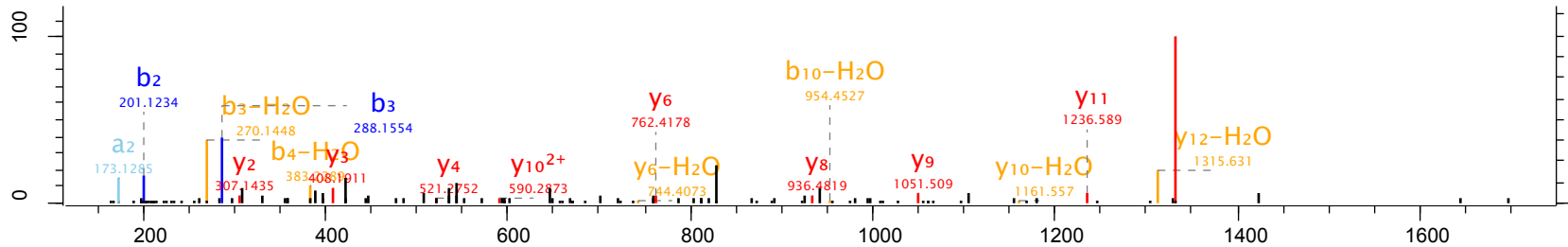
610.33

Gene names

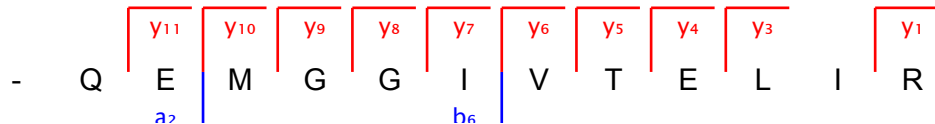
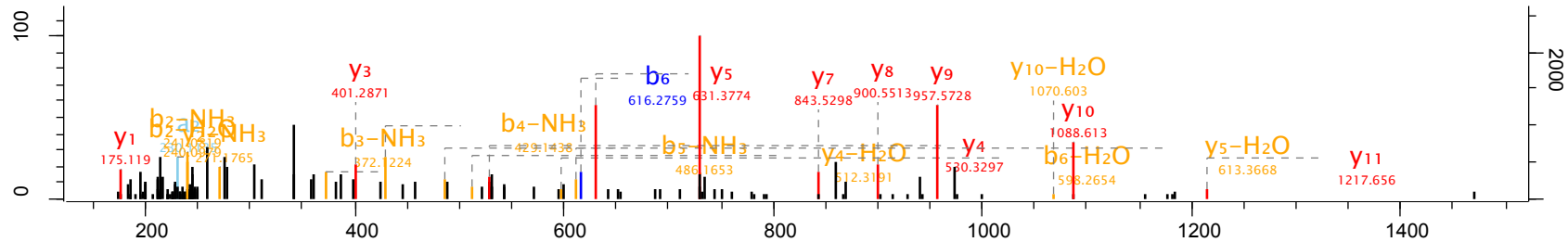
SLC22A20



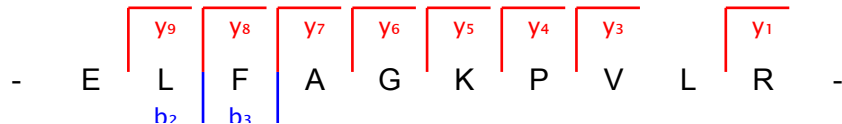
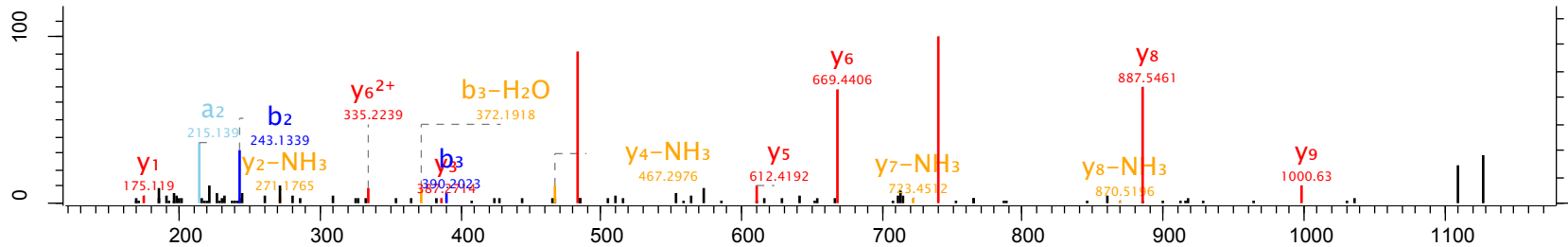
Raw file	Scan	Method	Score	m/z	Gene names
20140925_fract20_dyn_5ul_H4_01_455	23305	TOF; CID	48.9	867.95	FAM102A



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



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

20140925_fract21_dyn_5ul_H5_01_456

Scan

24059

Method

TOF; CID

Score

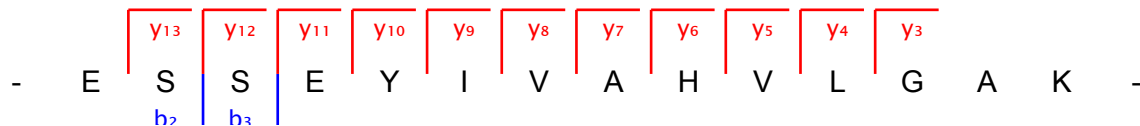
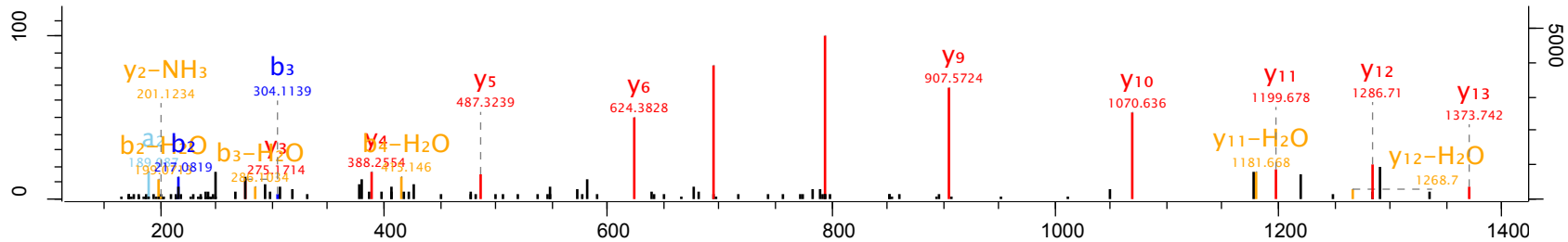
91.62

m/z

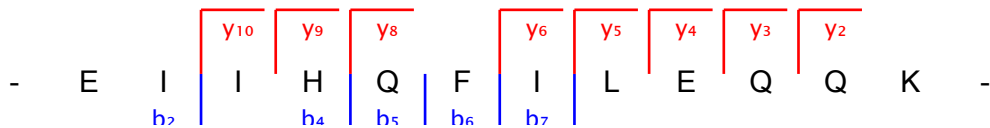
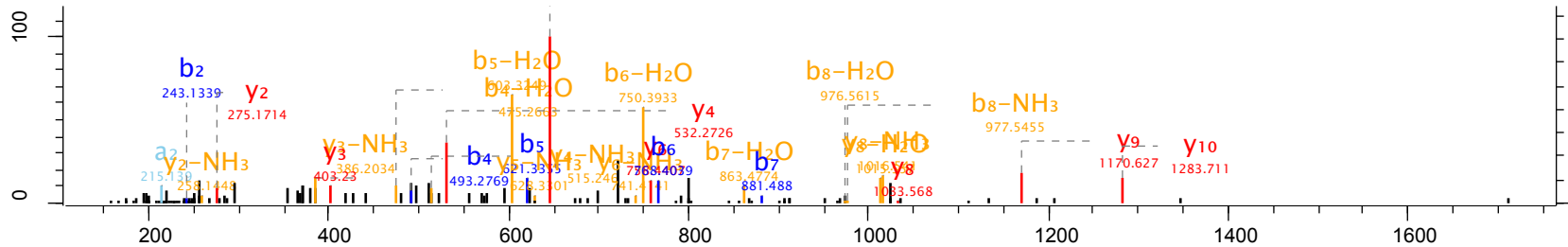
501.6

Gene names

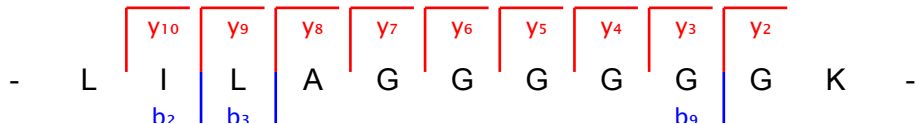
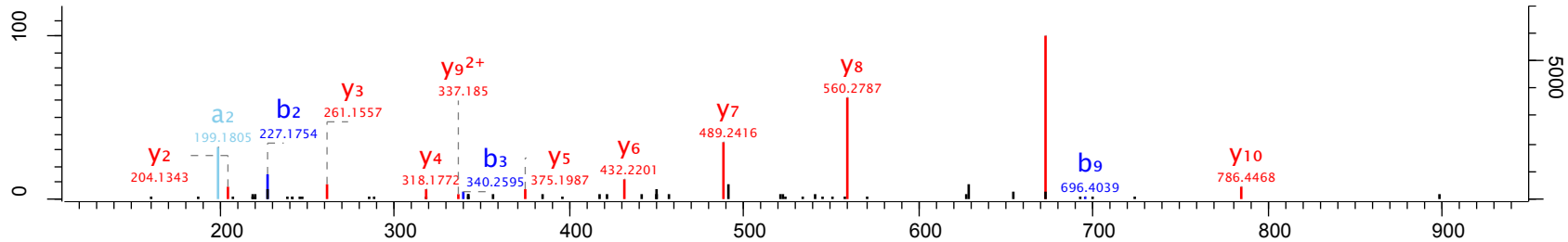
HEMK1



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



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

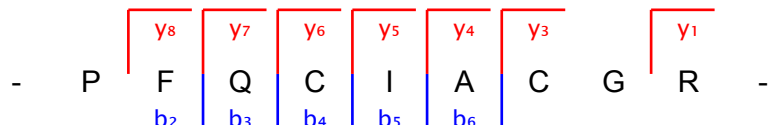
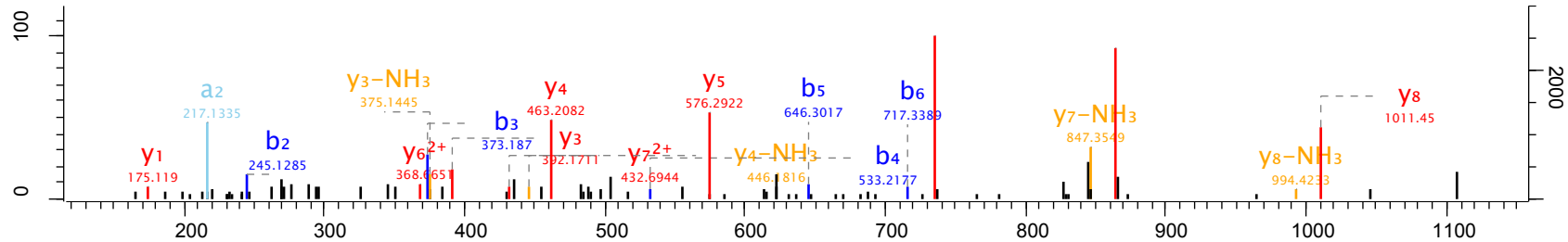
11453

TOF; CID

134.48

554.76

ZNF341



Raw file

Scan

Method

Score

m/z

Gene names

20140925_fract23_dyn_5ul_H7_01_458

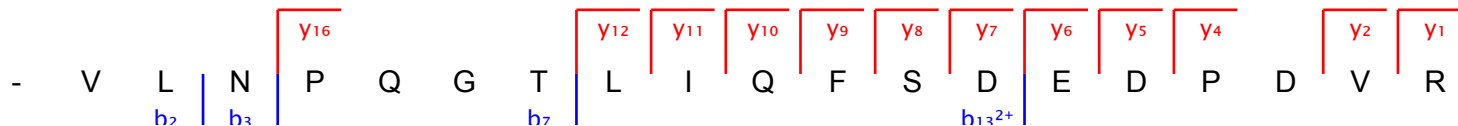
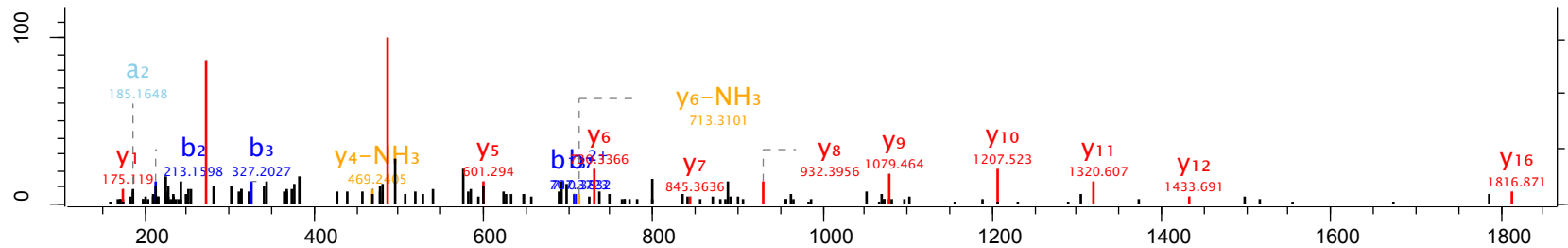
28773

TOF; CID

43.7

1072.54

METTL12



Raw file

20140925_fract23_dyn_5ul_H7_01_458

Scan

33082

Method

TOF; CID

Score

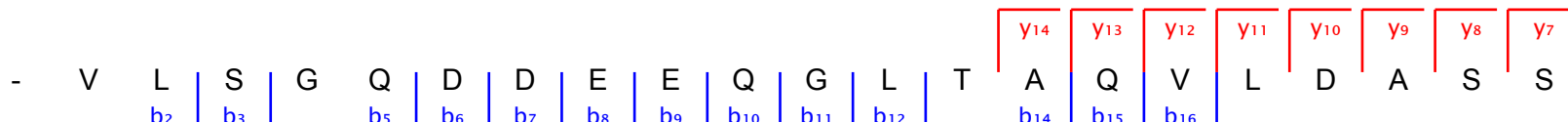
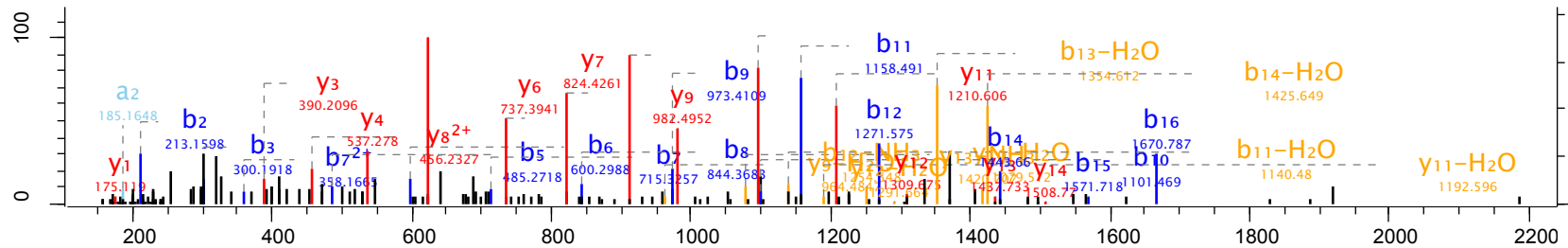
107.75

m/z

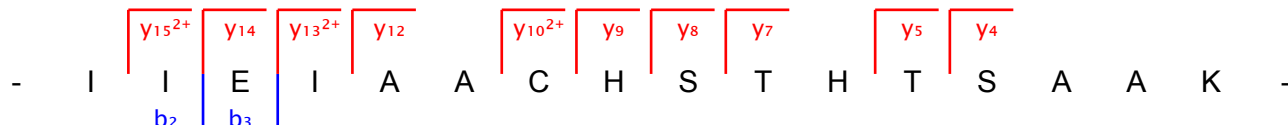
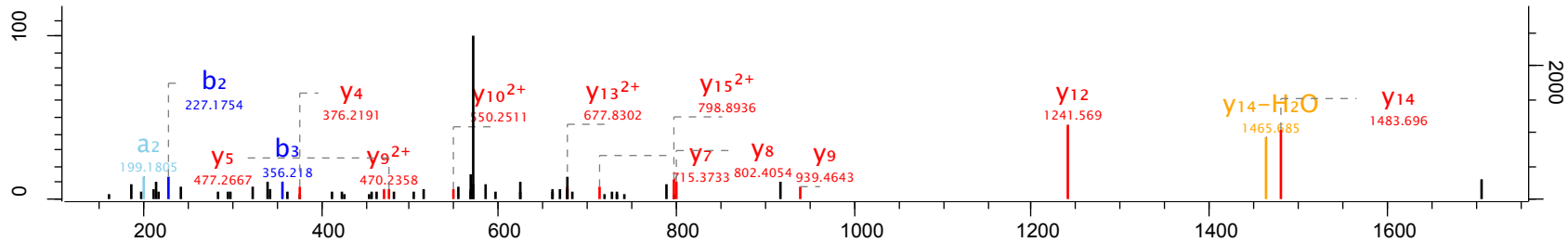
961.13

Gene names

SFT2D1



Raw file	Scan	Method	Score	m/z	Gene names
20140925_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

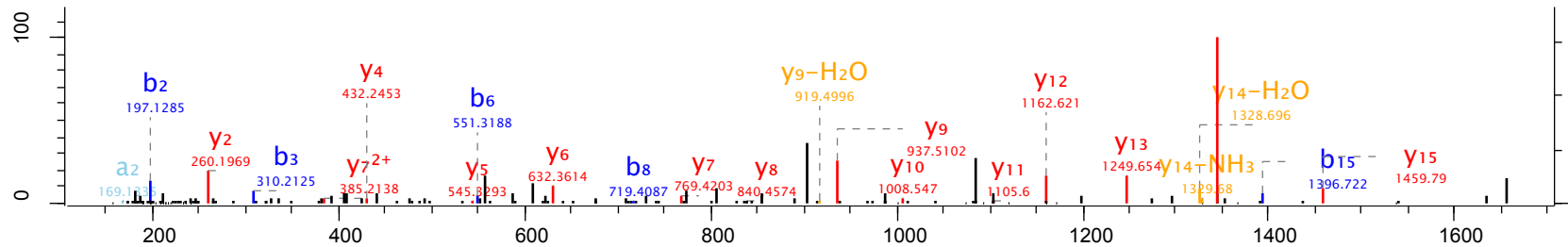
19885

TOF; CID

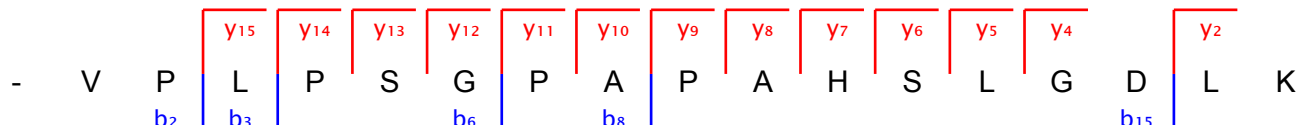
53.45

552.98

FAM189B



[1e4]



Raw file

20141014_fract1_dyn_5ul_E1_01_580

Scan

27070

Method

TOF; CID

Score

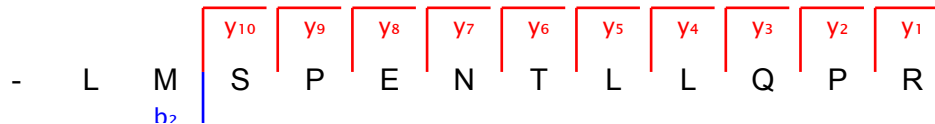
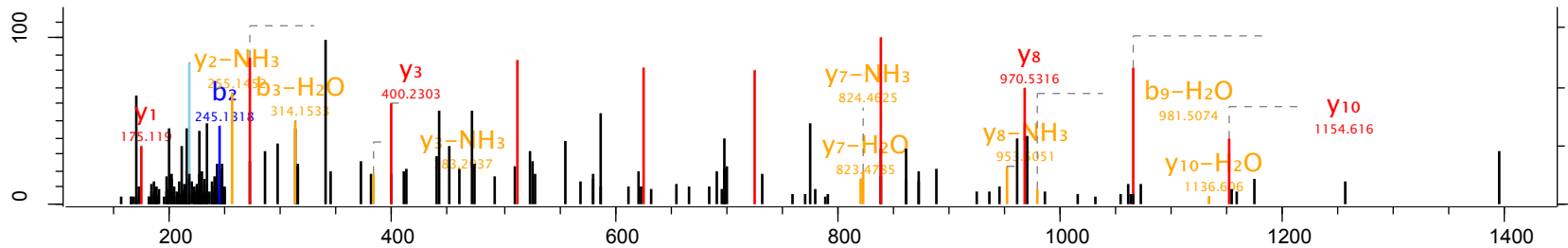
80.24

m/z

699.87

Gene names

DEPTOR



Raw file

20141014_fract2_dyn_5ul_E2_01_581

Scan

3355

Method

TOF; CID

Score

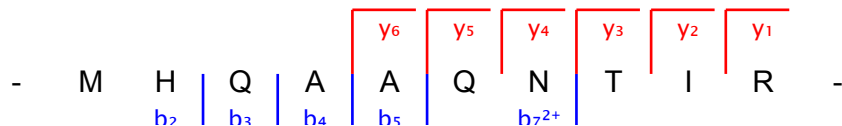
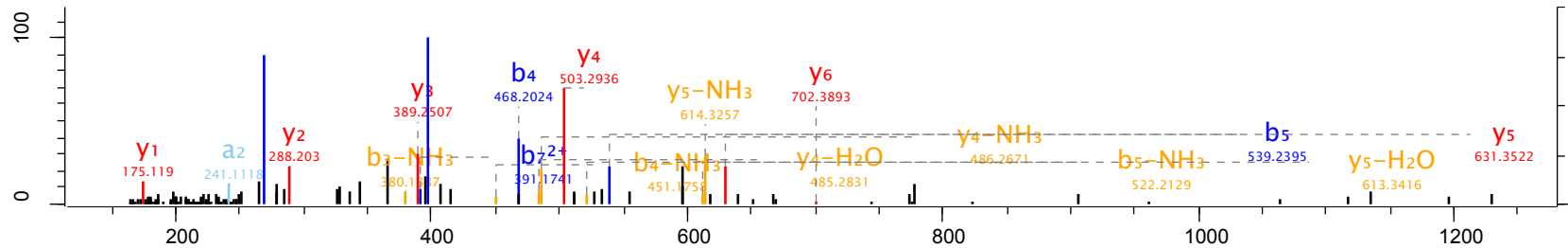
81.1

m/z

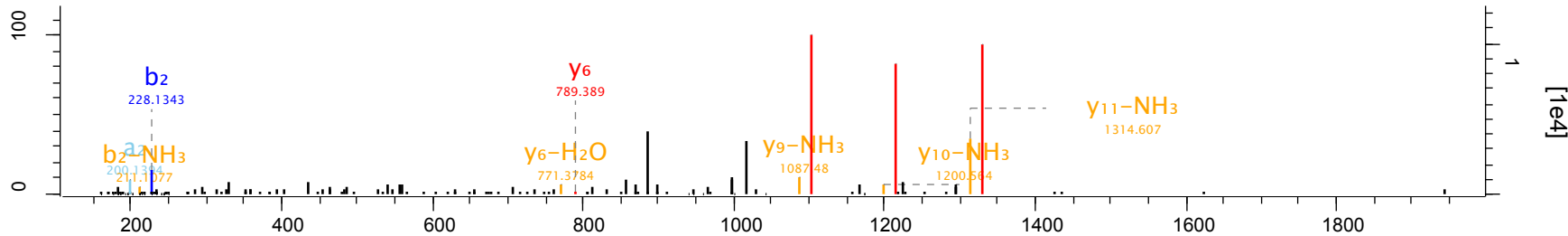
390.53

Gene names

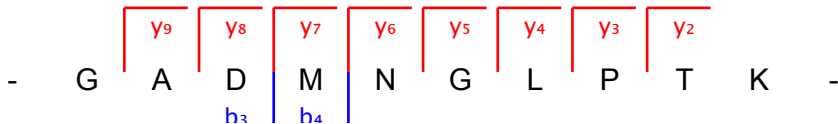
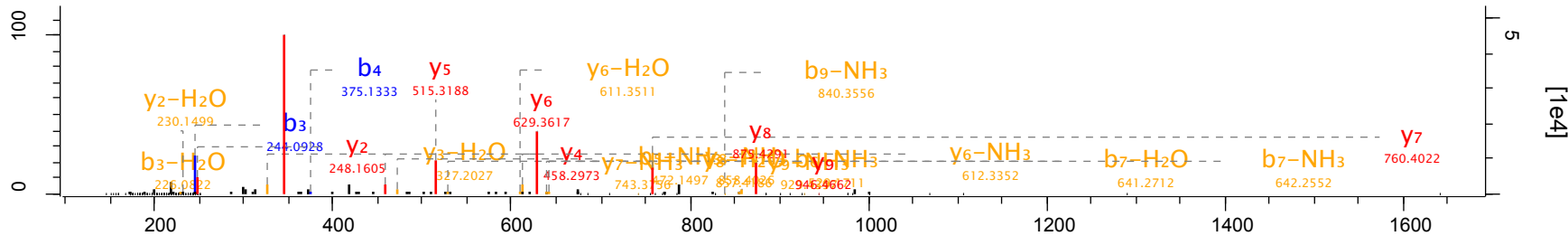
BBIP1



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract2_dyn_5ul_E2_01_581	8678	TOF; CID	52.25	482.24	ZNF165



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract2_dyn_5ul_E2_01_581	11931	TOF; CID	87.18	502.25	C18orf32



Raw file

20141014_fract2_dyn_5ul_E2_01_581

Scan

33792

Method

TOF; CID

Score

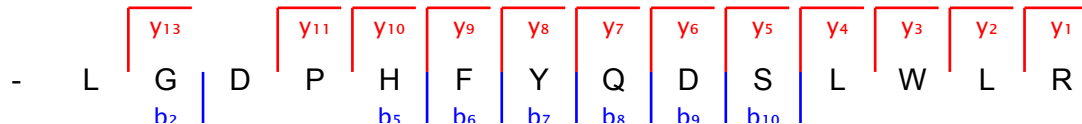
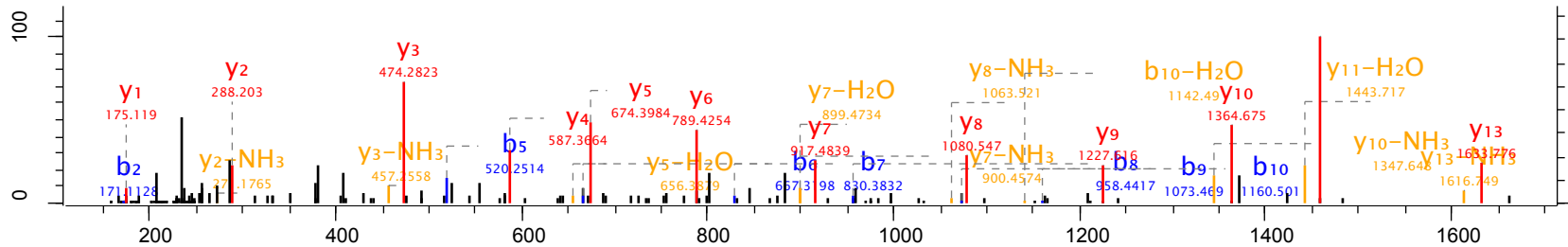
136.83

m/z

582.95

Gene names

TMEM138



Raw file

Scan

Method

Score

m/z

Gene names

20141014_fract2_dyn_5ul_E2_01_581

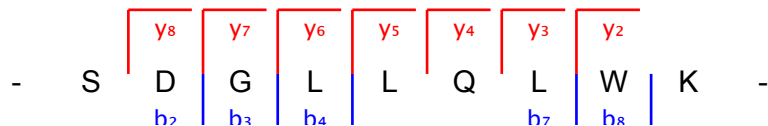
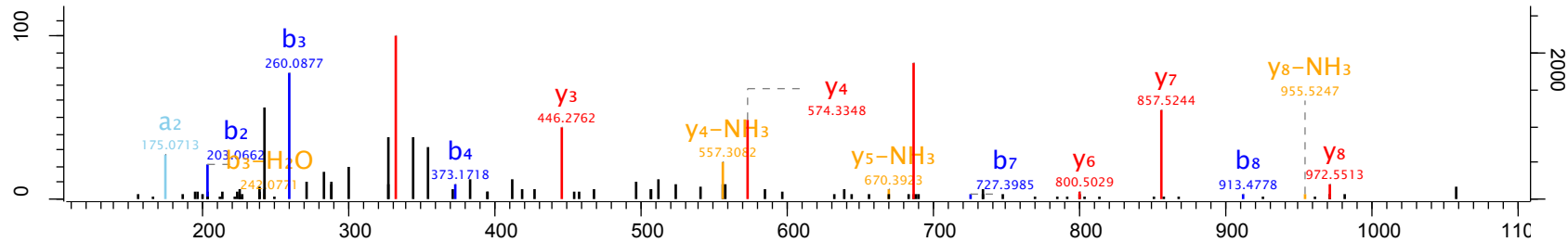
35148

TOF; CID

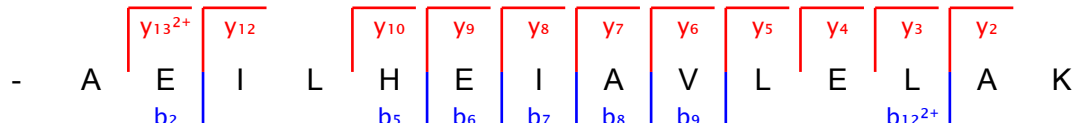
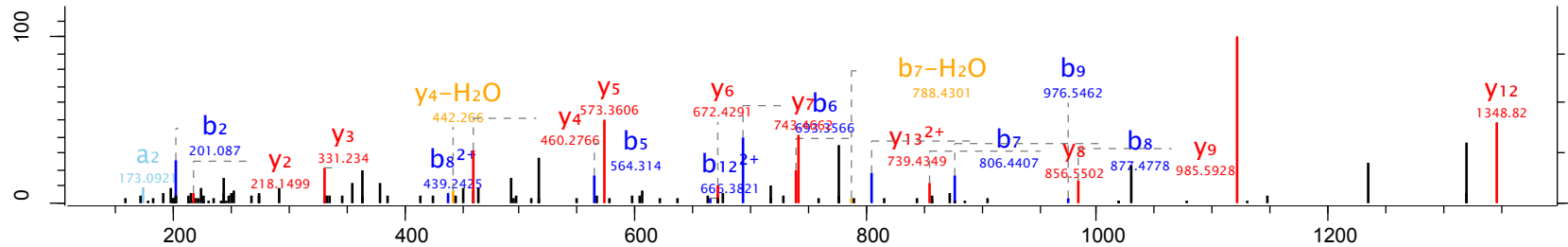
90.15

530.29

PHLDA1



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract2_dyn_5ul_E2_01_581	37360	TOF; CID	82.65	516.97	STK17B



Raw file

20141014_fract2_dyn_5ul_E2_01_581

Scan

38373

Method

TOF; CID

Score

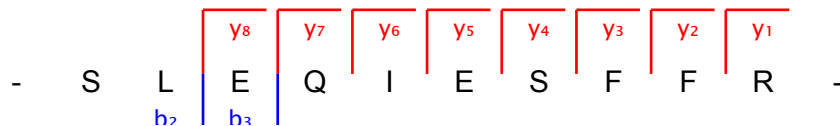
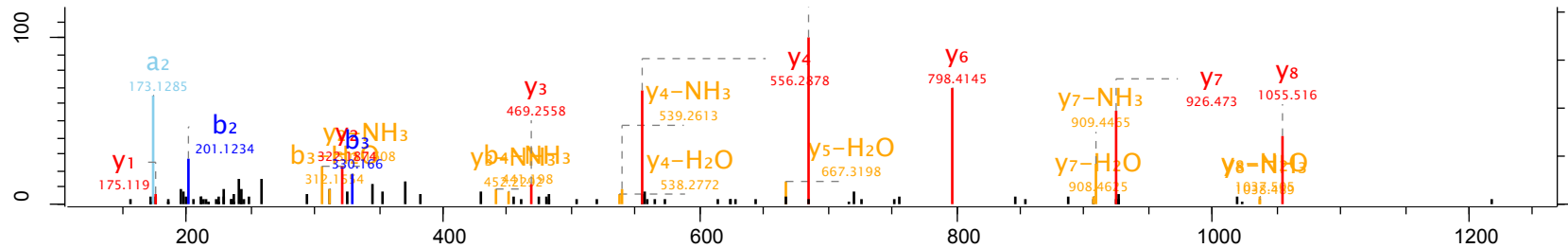
142.43

m/z

628.32

Gene names

SLC2A6



Raw file

20141014_fract2_dyn_5ul_E2_01_581

Scan

41524

Method

TOF; CID

Score

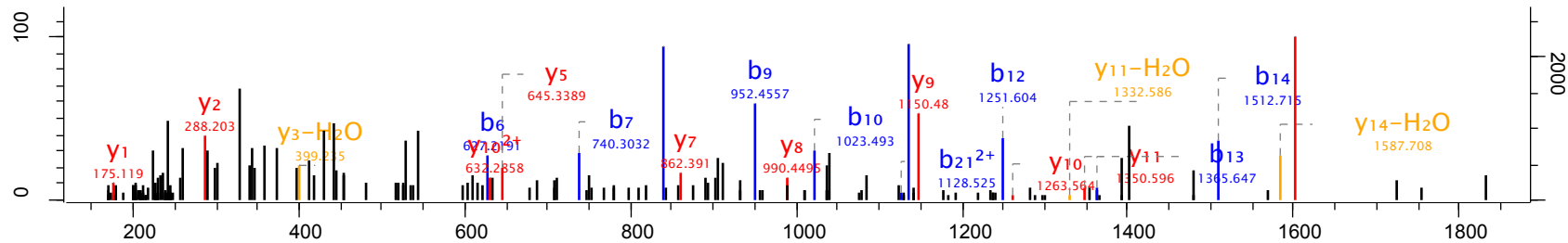
43.73

m/z

1040.48

Gene names

FUOM



Raw file

20141014_fract3_dyn_5ul_E3_01_582

Scan

7727

Method

TOF; CID

Score

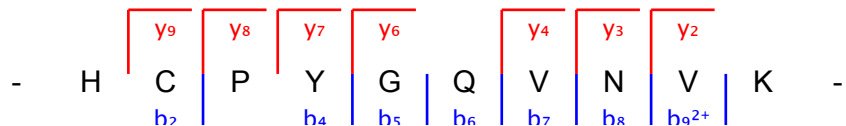
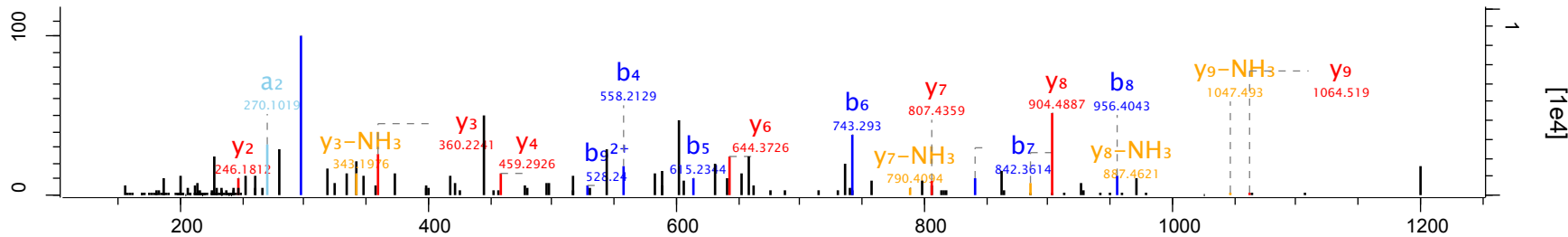
104.01

m/z

601.79

Gene names

C1orf53



Raw file

20141014_fract3_dyn_5ul_E3_01_582

Scan

21322

Method

TOF; CID

Score

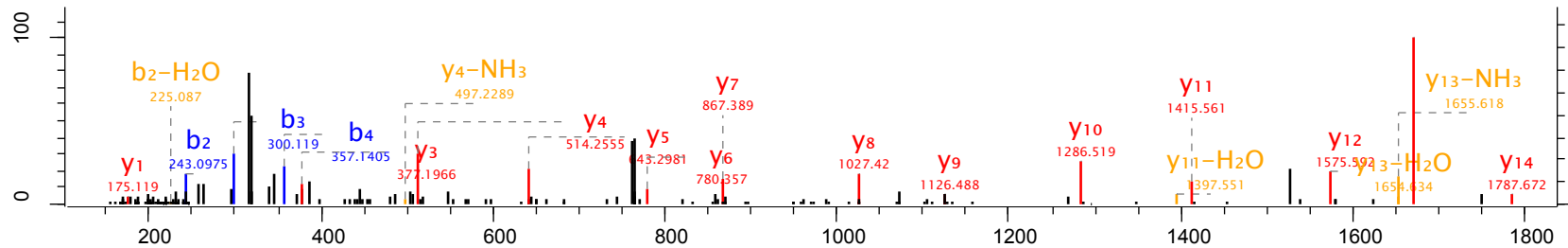
79.49

m/z

764.63

Gene names

SMIM14



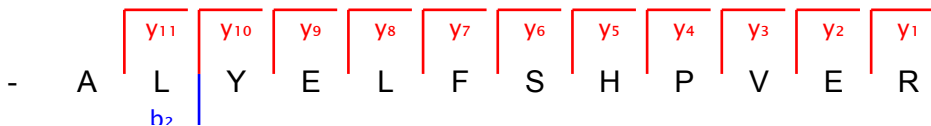
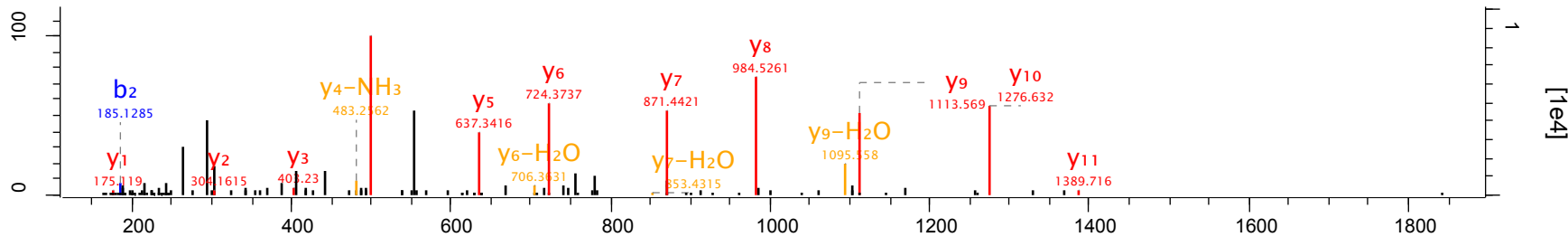
ac

- A E | G | G | F D P C E C V C S H E H A M R -

b₂ | b₃ | b₄

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

Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract3_dyn_5ul_E3_01_582	28058	TOF; CID	58.32	487.59	TMEM231



Raw file

Scan

Method

Score

m/z

Gene names

20141014_fract3_dyn_5ul_E3_01_582

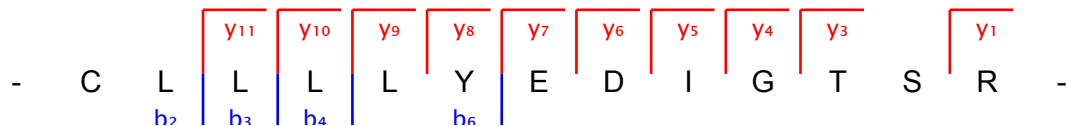
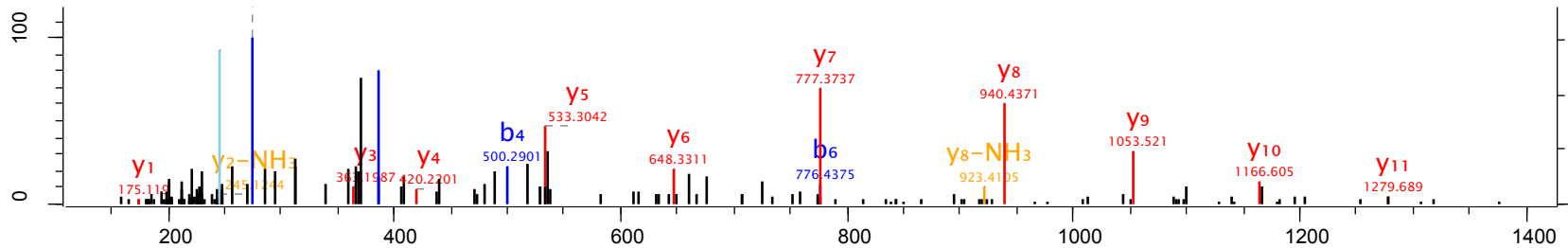
38024

TOF; CID

65.04

777.4

TPRA1



Raw file

20141014_fract4_dyn_5ul_E4_01_583

Scan

19196

Method

TOF; CID

Score

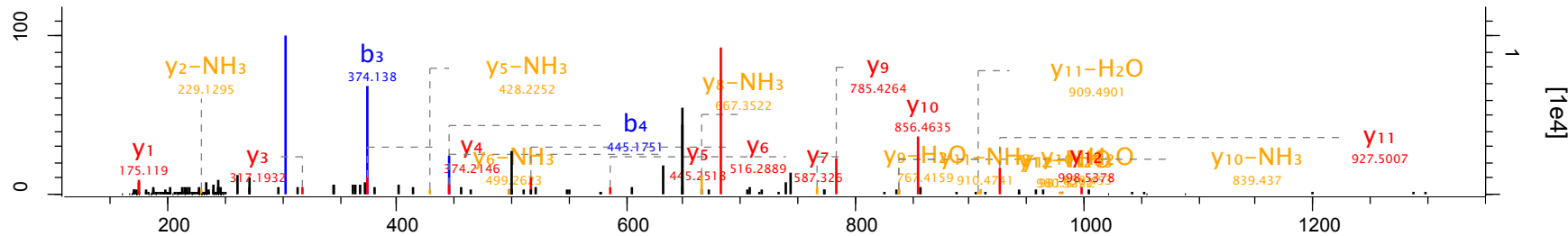
91.28

m/z

650.82

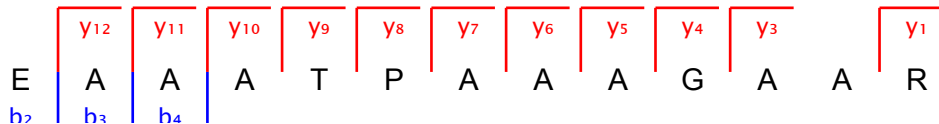
Gene names

SLC36A4



ac

M E A A A T P A A A G A A R -



Raw file

Scan

Method

Score

m/z

Gene names

20141014_fract4_dyn_5ul_E4_01_583

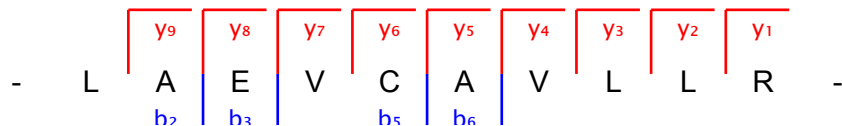
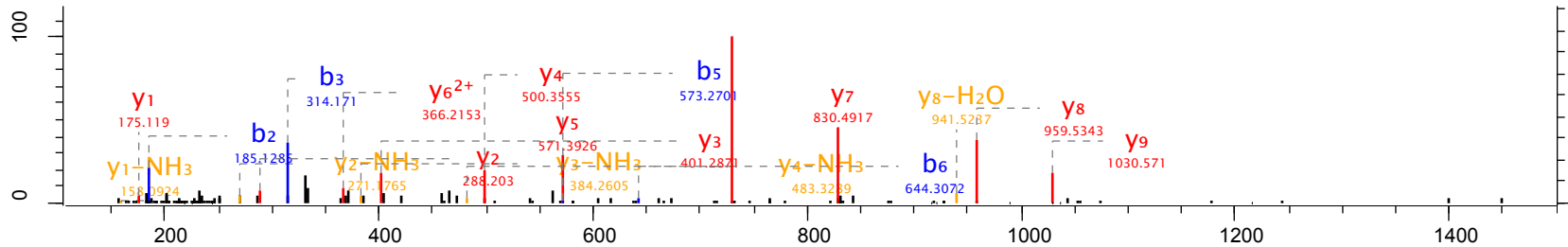
29058

TOF; CID

86.18

572.33

BOK



Raw file

20141014_fract4_dyn_5ul_E4_01_583

Scan

38279

Method

TOF; CID

Score

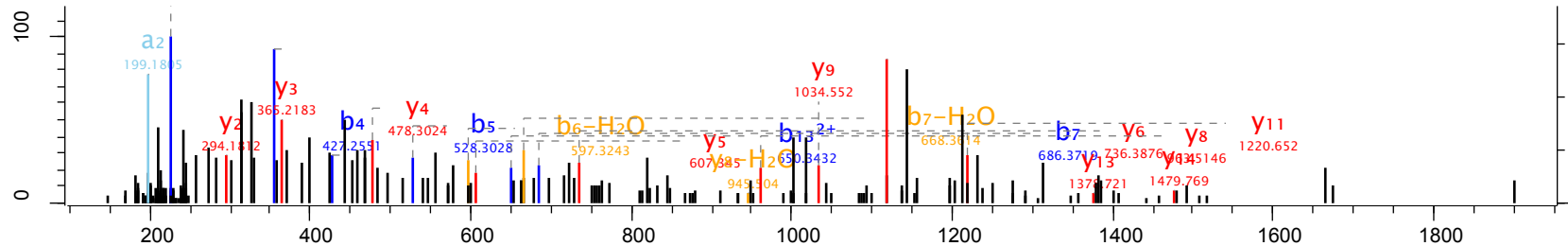
59.25

m/z

953.5

Gene names

C4orf46



Fragmentation map showing amino acid sequence and fragmentation sites:

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

Fragmentation sites are indicated by vertical lines and brackets above the sequence:

- h₂ (blue line) at L
- h₃ (blue line) at E
- h₄ (blue line) at A
- h₅ (blue line) at T
- h₇ (blue line) at A
- h₁₃²⁺ (blue line) at E
- y₂ (red bracket) above F
- y₃ (red bracket) above A
- y₄ (red bracket) above L
- y₅ (red bracket) above E
- y₆ (red bracket) above E
- y₈ (red bracket) above Q
- y₉ (red bracket) above A
- y₁₀ (red bracket) above S
- y₁₁ (red bracket) above V
- y₁₃ (red bracket) above S
- y₁₄ (red bracket) above T

Raw file

20141014_fract5_dyn_5ul_E5_01_584

Scan

12423

Method

TOF; CID

Score

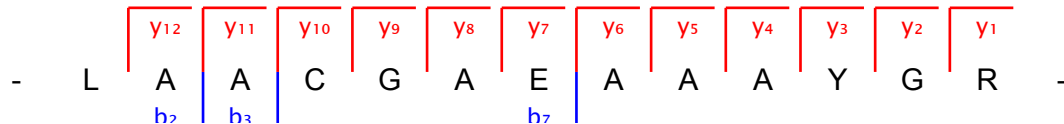
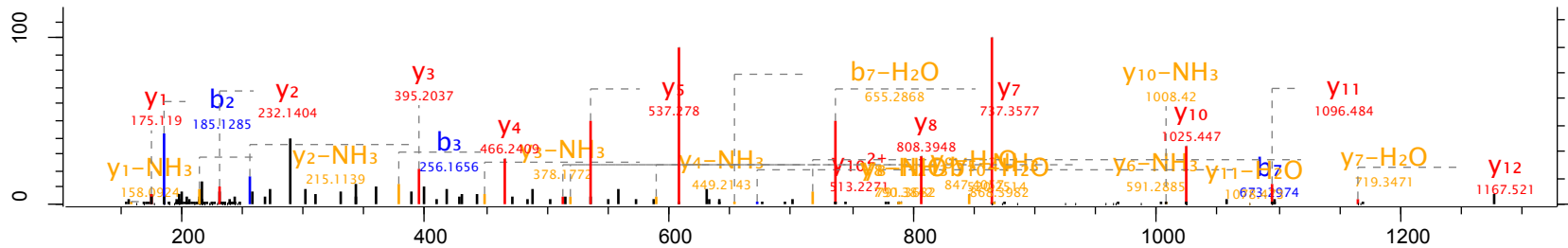
135.1

m/z

640.8

Gene names

C17orf89



Raw file

Scan

Method

Score

m/z

Gene names

20141014_fract5_dyn_5ul_E5_01_584

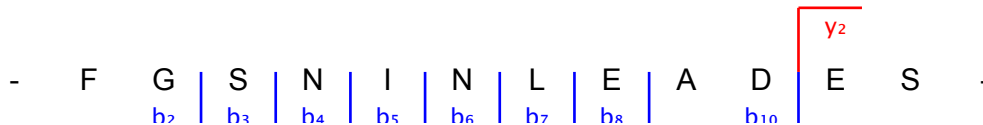
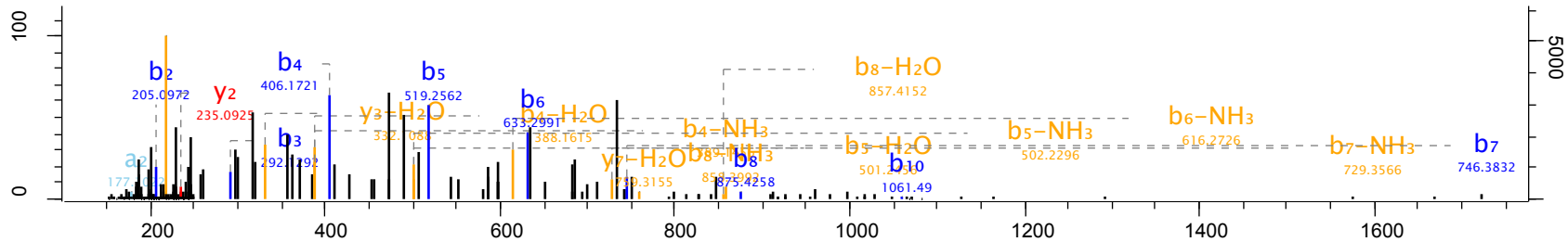
23325

TOF; CID

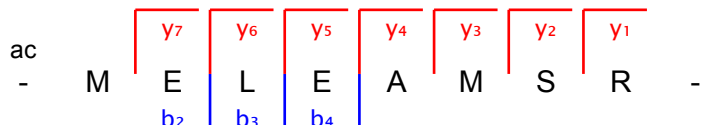
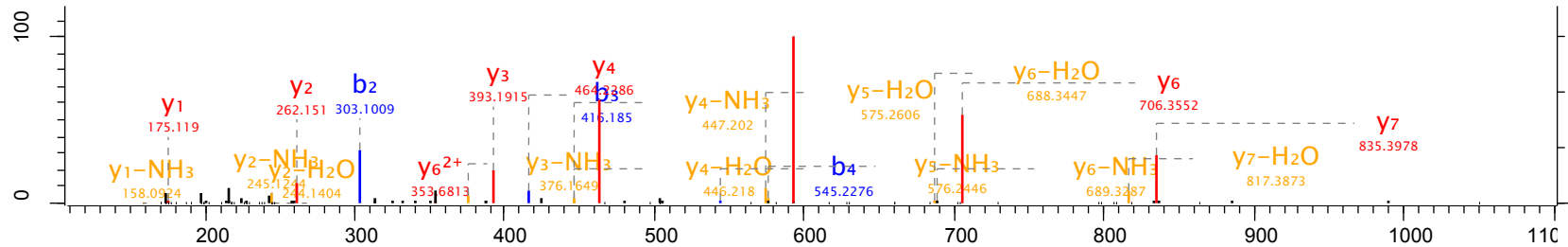
72.34

648.29

PFDN4



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract5_dyn_5ul_E5_01_584	28067	TOF; CID	143.28	504.72	TMEM258



[1e4]

Raw file

20141014_fract5_dyn_5ul_E5_01_584

Scan

31391

Method

TOF; CID

Score

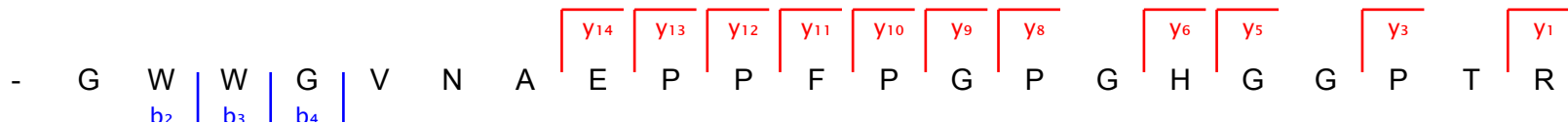
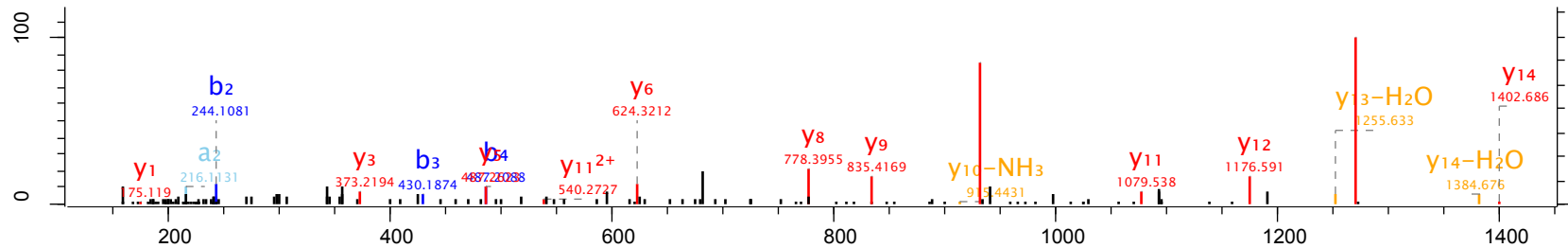
61.94

m/z

725.35

Gene names

PRR3



Raw file

20141014_fract5_dyn_5ul_E5_01_584

Scan

34718

Method

TOF; CID

Score

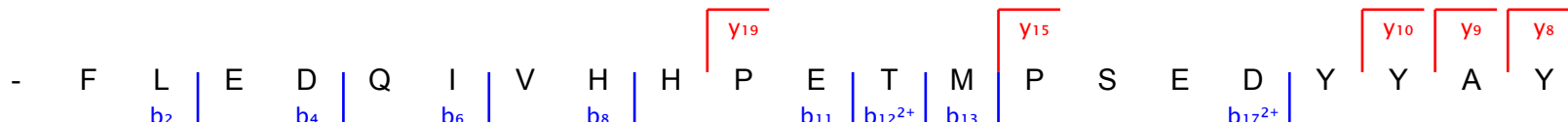
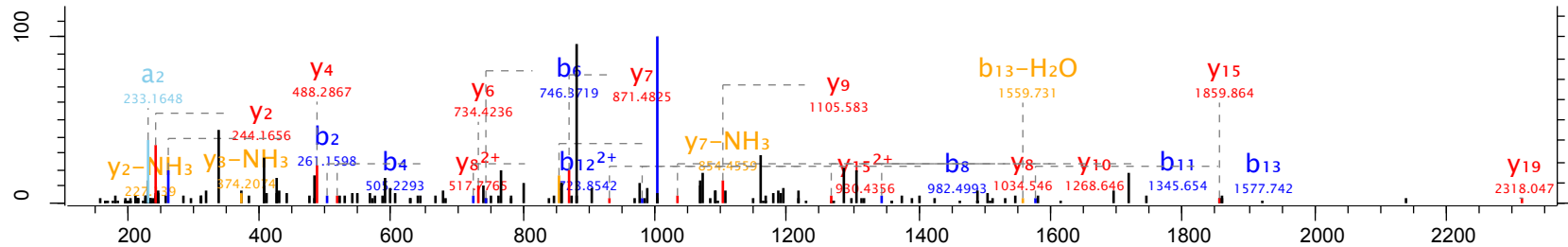
35.54

m/z

860.41

Gene names

ADPRM



Raw file

20141014_fract7_dyn_5ul_E7_01_586

Scan

4604

Method

TOF; CID

Score

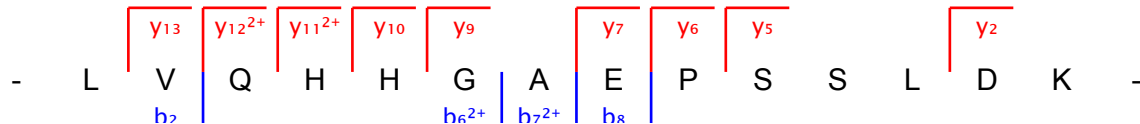
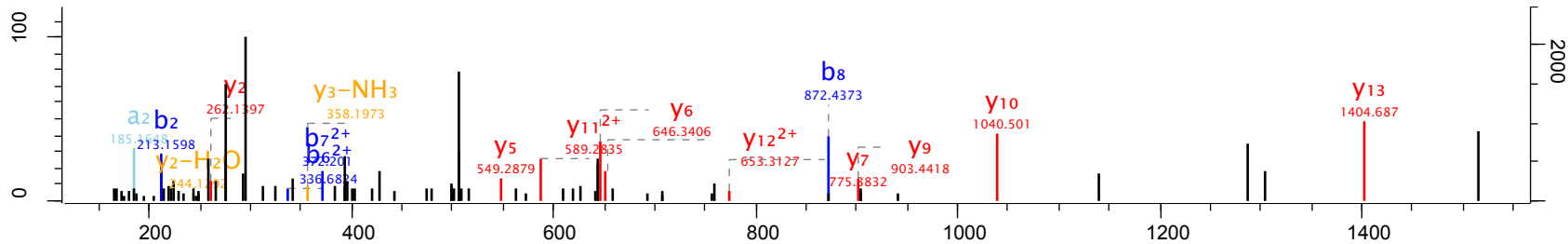
55.72

m/z

506.59

Gene names

STOX2;GDAP1



Raw file

20141014_fract7_dyn_5ul_E7_01_586

Scan

7247

Method

TOF; CID

Score

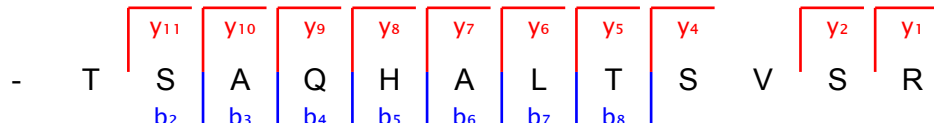
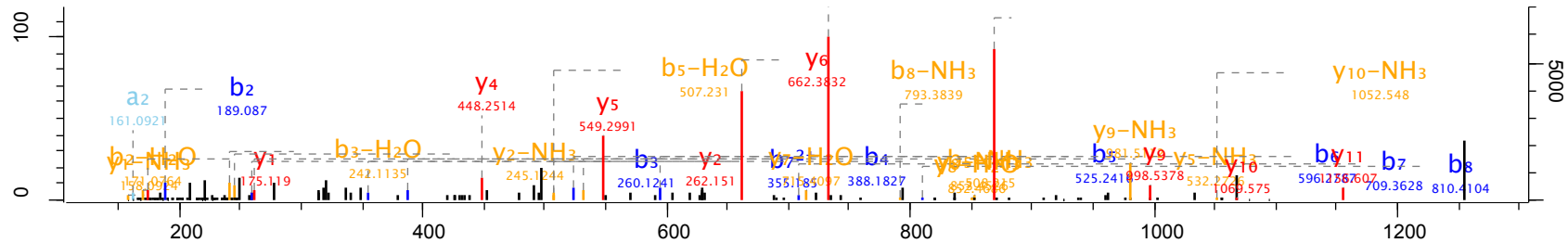
121.86

m/z

629.33

Gene names

CXCR4



Raw file

20141014_fract7_dyn_5ul_E7_01_586

Scan

12817

Method

TOF; CID

Score

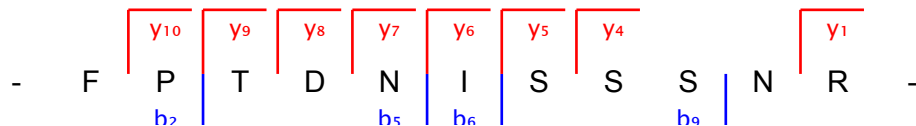
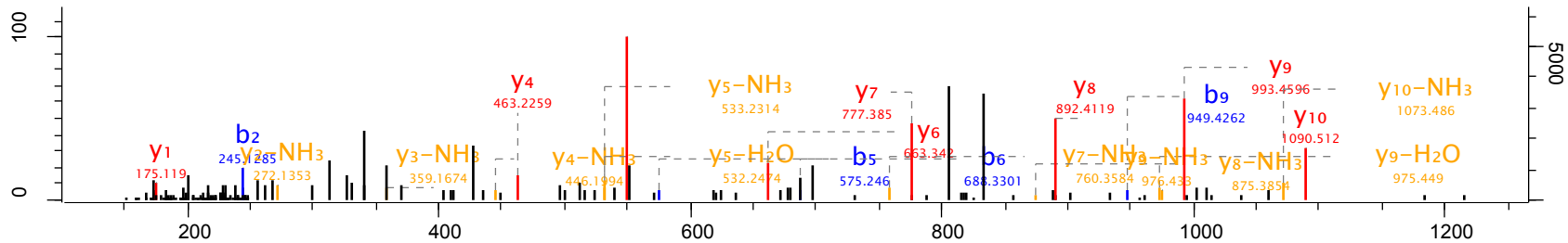
77.6

m/z

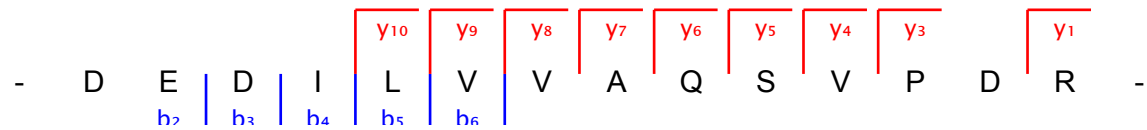
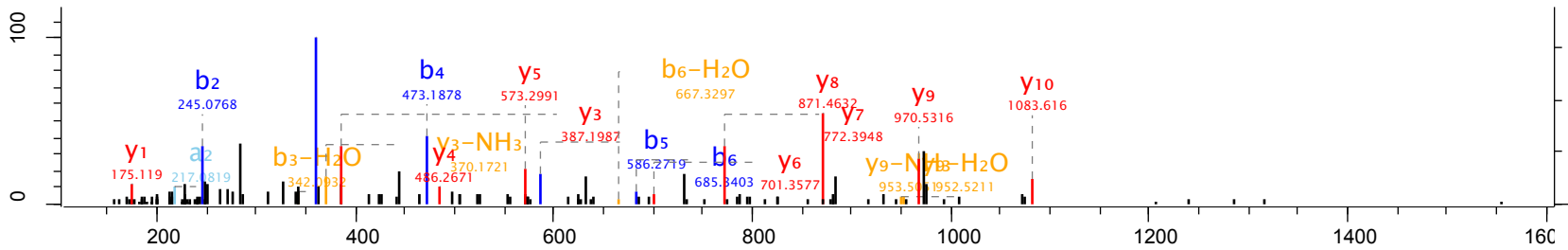
619.29

Gene names

USP53



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract7_dyn_5ul_E7_01_586	29994	TOF; CID	63.29	778.4	TBC1D16



Raw file

20141014_fract7_dyn_5ul_E7_01_586

Scan

37190

Method

TOF; CID

Score

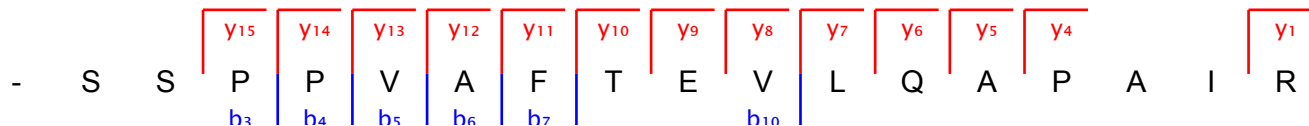
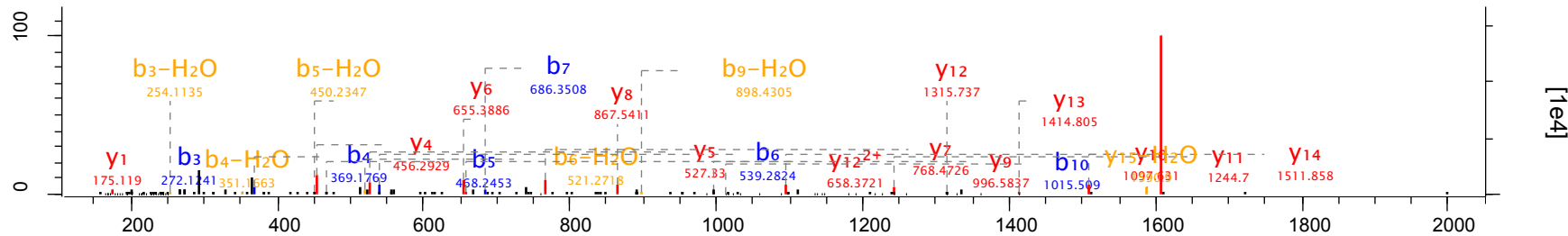
93.23

m/z

892.49

Gene names

PPP1R3F



Raw file

20141014_fract8_dyn_5ul_E8_01_587

Scan

13435

Method

TOF; CID

Score

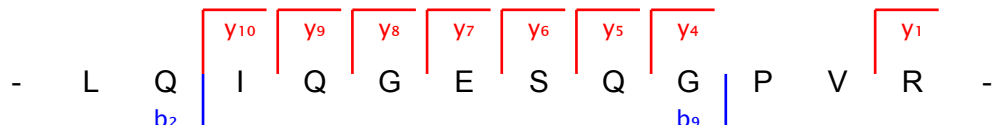
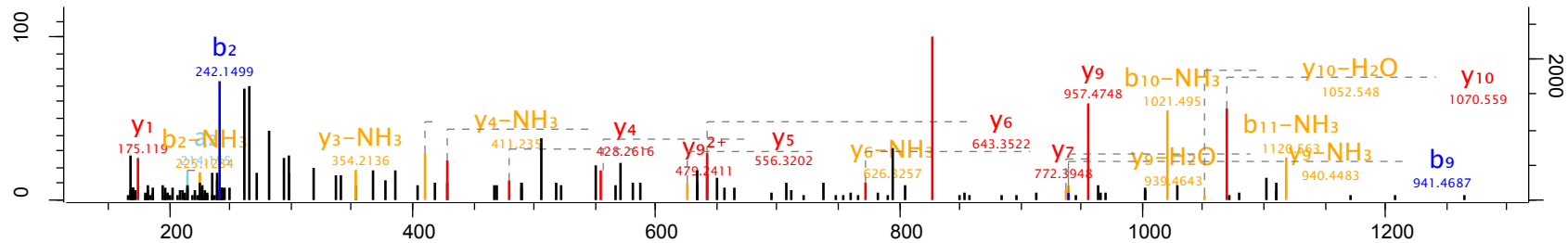
68.52

m/z

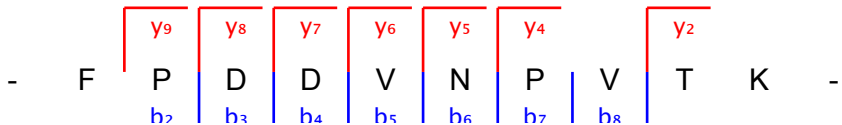
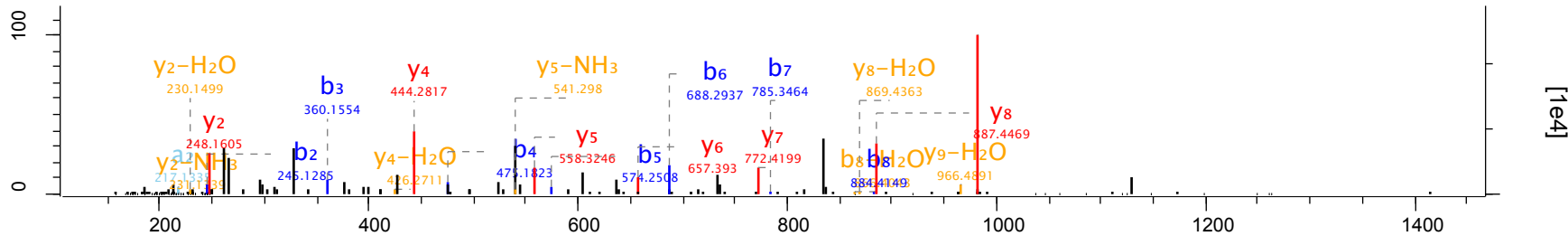
656.35

Gene names

UCP2



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract8_dyn_5ul_E8_01_587	17469	TOF; CID	94.82	566.29	C6orf57



Raw file

20141014_fract8_dyn_5ul_E8_01_587

Scan

23332

Method

TOF; CID

Score

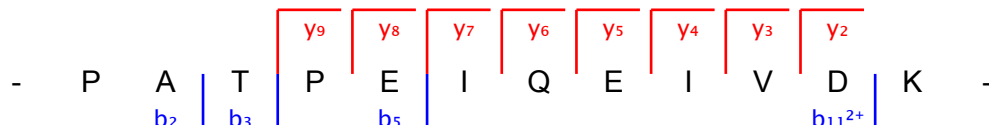
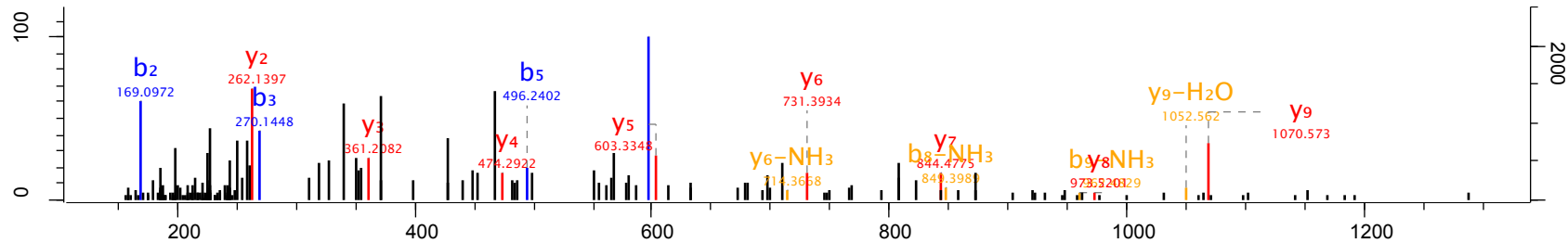
61.11

m/z

670.36

Gene names

CSTA



Raw file

20141014_fract8_dyn_5ul_E8_01_587

Scan

25841

Method

TOF; CID

Score

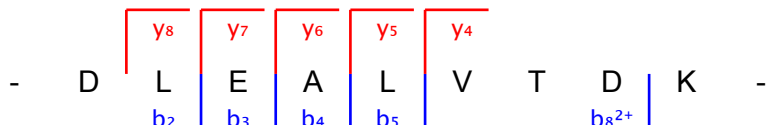
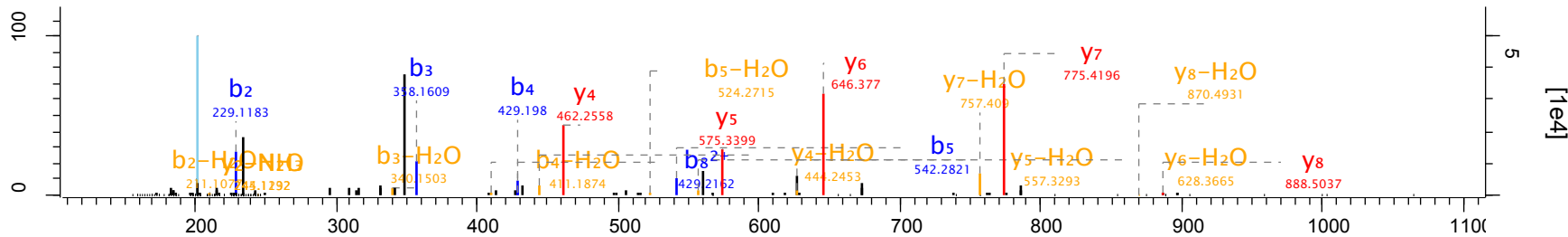
102.07

m/z

502.27

Gene names

PGM5



Raw file

20141014_fract8_dyn_5ul_E8_01_587

Scan

29898

Method

TOF; CID

Score

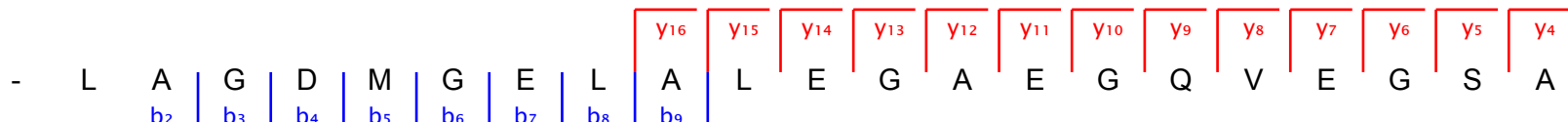
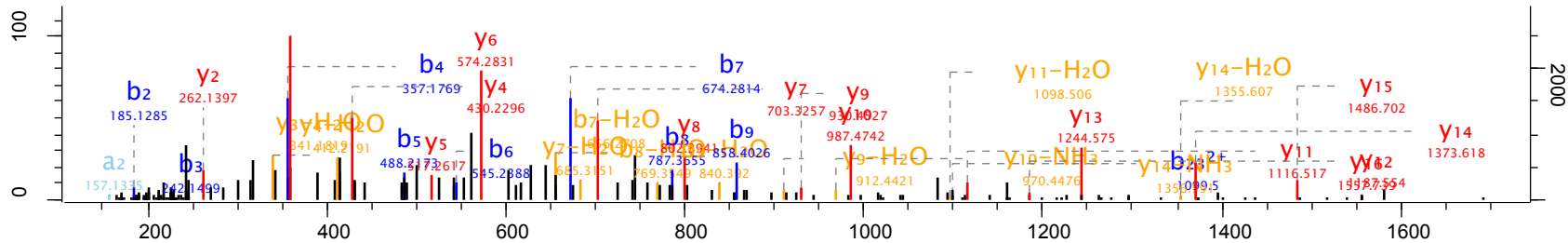
113.42

m/z

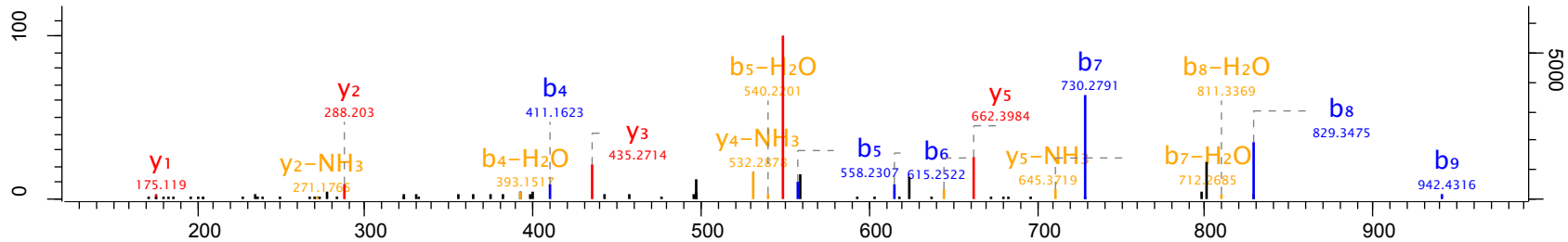
1173.05

Gene names

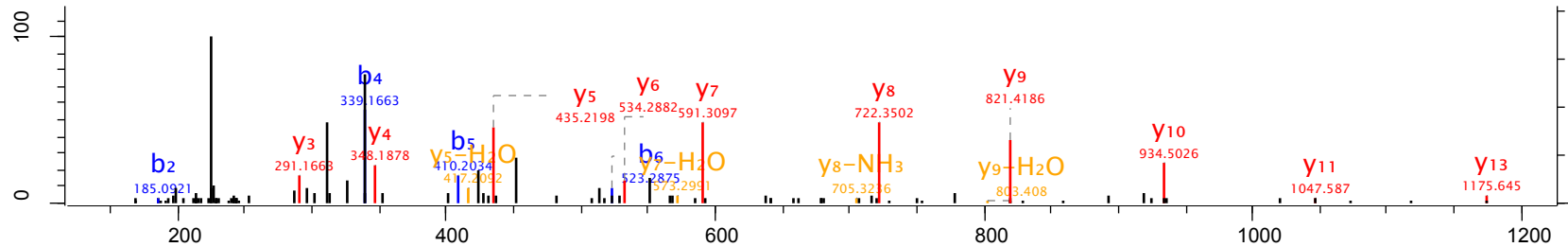
PKIG



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract8_dyn_5ul_E8_01_587	36842	TOF; CID	80.24	497.58	KCTD7



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract8_dyn_5ul_E8_01_587	38691	TOF; CID	54.28	729.39	IDNK



ac

- A A | P G | A L | L V | M G | V S | G S G K -

 b₂ b₄ | b₅ | b₆ y₁₃ y₁₁ | y₁₀ | y₉ | y₈ | y₇ | y₆ | y₅ | y₄ | y₃

Raw file

20141014_fract9_dyn_5ul_F1_01_588

Scan

25104

Method

TOF; CID

Score

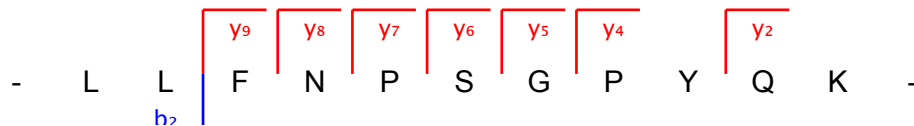
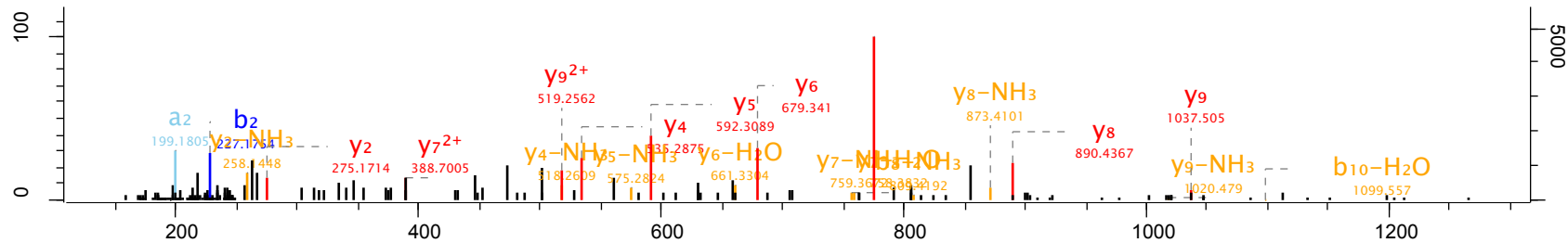
93.32

m/z

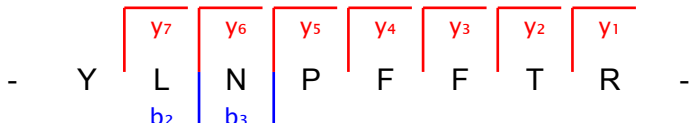
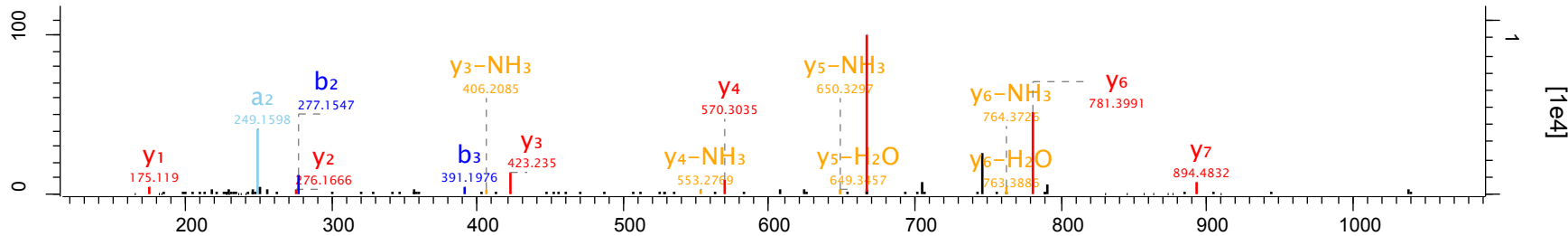
632.34

Gene names

CKLF



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract9_dyn_5ul_F1_01_588	30140	TOF; CID	111.95	529.28	SLC9A8



Raw file

20141014_fract9_dyn_5ul_F1_01_588

Scan

38402

Method

TOF; CID

Score

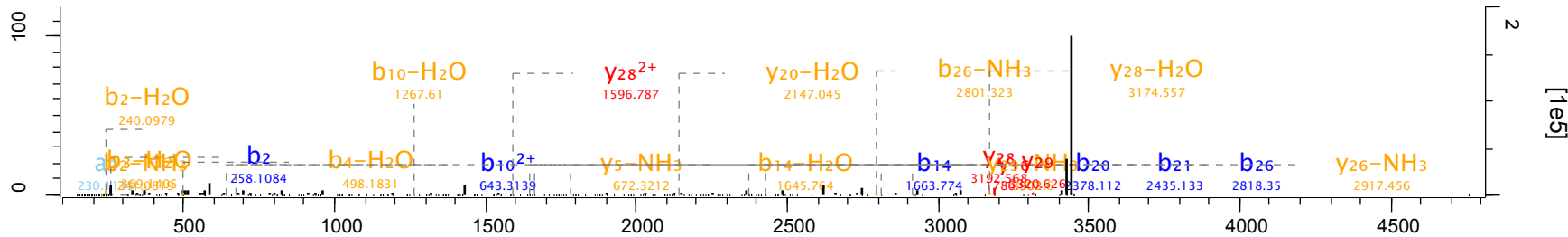
34.04

m/z

1150.89

Gene names

ZAN



Raw file

20141014_fract10_dyn_5ul_F2_01_589

Scan

16187

Method

TOF; CID

Score

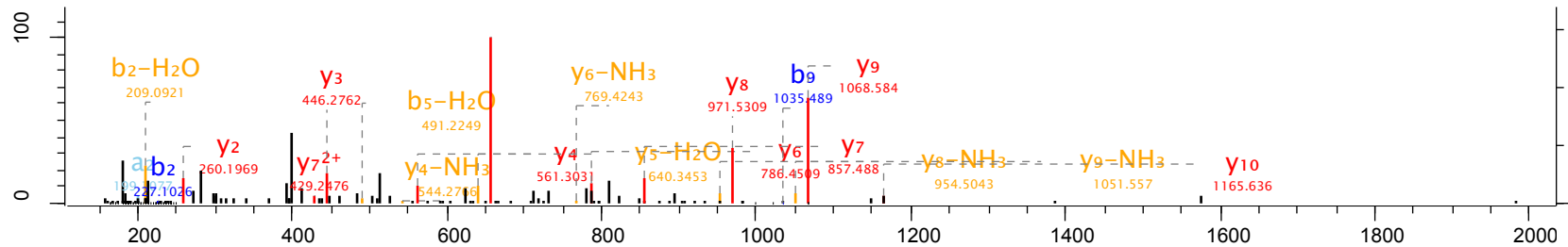
86.46

m/z

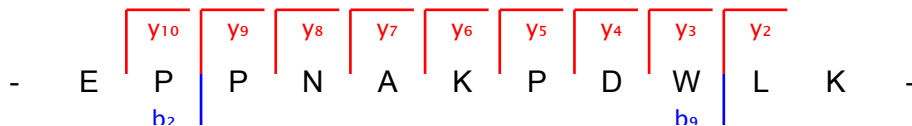
432.9

Gene names

NDUFC1



[1e4]



Raw file

20141014_fract10_dyn_5ul_F2_01_589

Scan

23140

Method

TOF; CID

Score

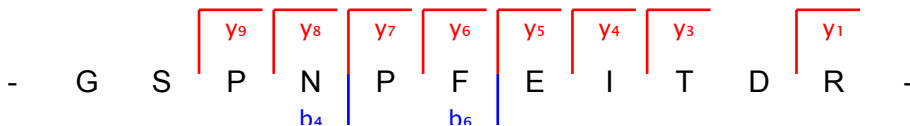
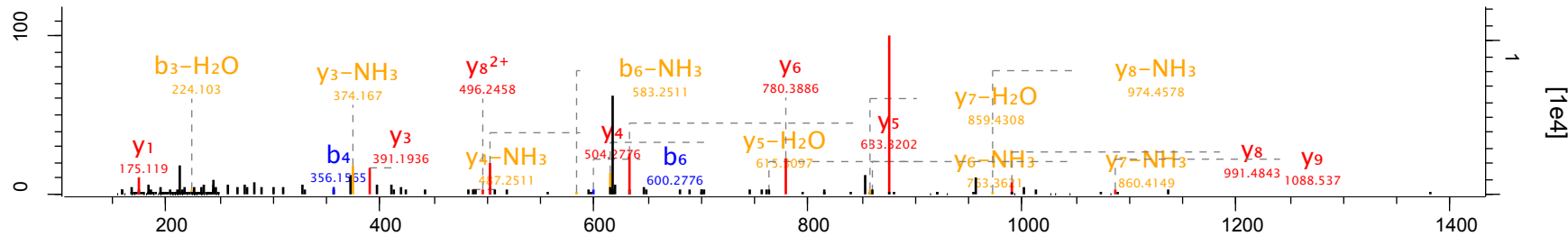
71.08

m/z

617.3

Gene names

TMEM104



Raw file

Scan

Method

Score

m/z

Gene names

20141014_fract10_dyn_5ul_F2_01_589

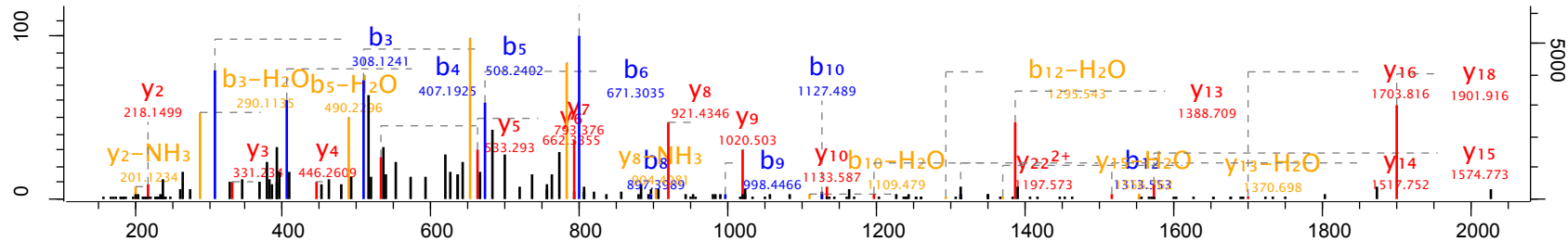
37241

TOF; CID

118.37

1351.63

SMAGP



- G S Y V T Y E P T E G E P S A I V Q M E S

Fragmentation patterns (b and y ions) are indicated by brackets below the sequence:

- b₃ (under Y)
- b₄ (under V)
- b₅ (under T)
- b₆ (under Y)
- b₇ (under E)
- b₈ (under P)
- b₉ (under T)
- b₁₀ (under E)
- b₁₂ (under E)
- y₅ (under S)
- y₆ (under E)
- y₇ (under M)
- y₈ (under Q)
- y₉ (under V)
- y₁₀ (under I)
- y₁₃ (under P)
- y₁₄ (under E)
- y₁₅ (under G)
- y₁₆ (under E)
- y₁₈ (under P)
- y₂₂²⁺ (under V)

Raw file

20141014_fract10_dyn_5ul_F2_01_589

Scan

41167

Method

TOF; CID

Score

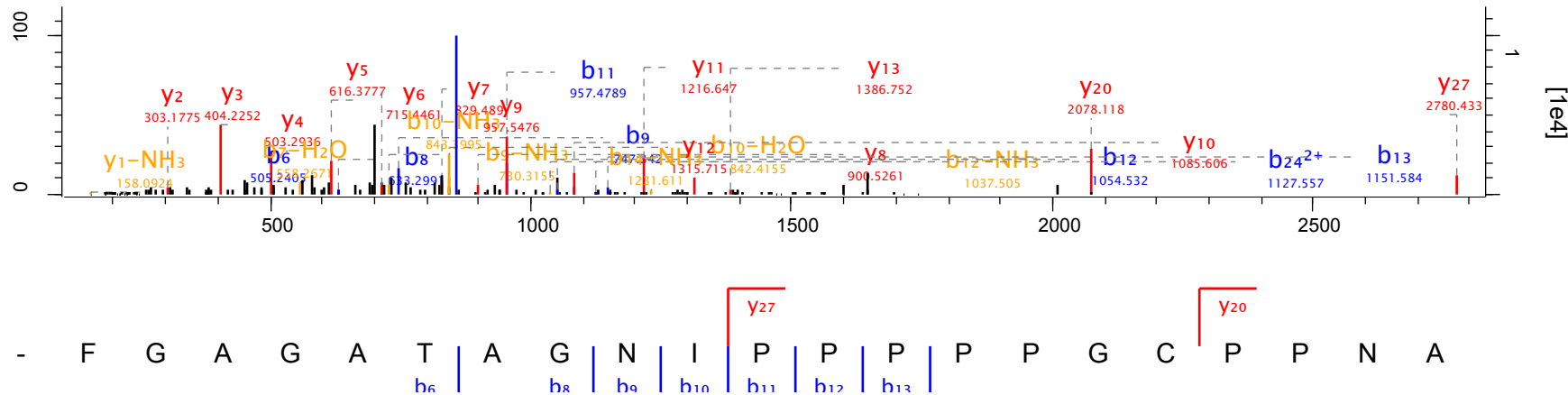
36.55

m/z

1214.62

Gene names

DAZAP2



Raw file

20141014_fract11_dyn_5ul_F3_01_590

Scan

12591

Method

TOF; CID

Score

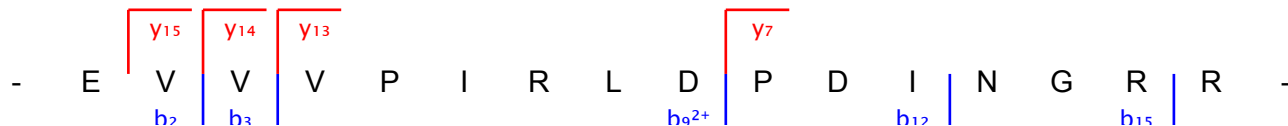
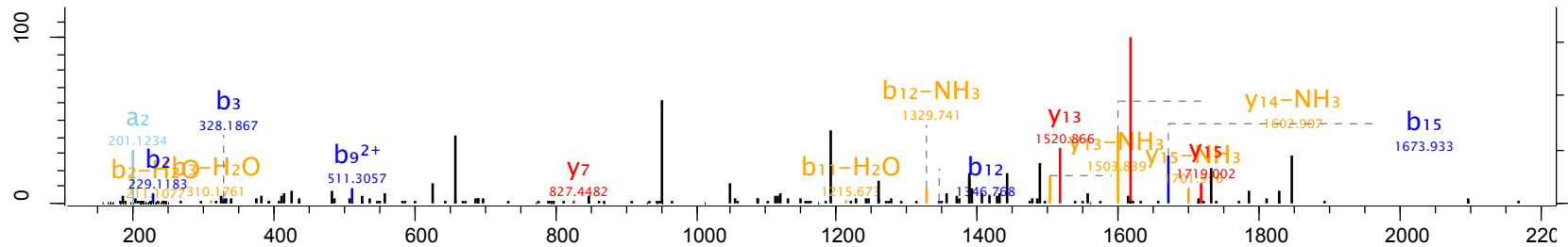
58.89

m/z

463.02

Gene names

ADAMTS15



Raw file

20141014_fract11_dyn_5ul_F3_01_590

Scan

14078

Method

TOF; CID

Score

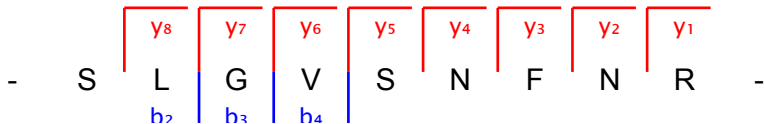
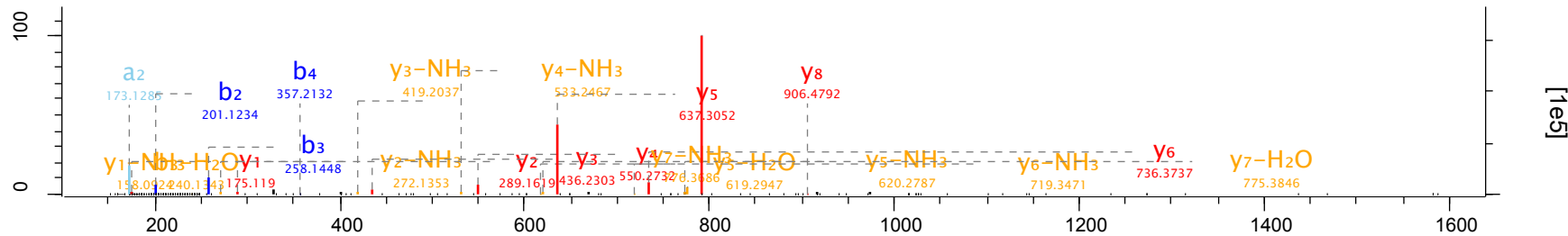
152.34

m/z

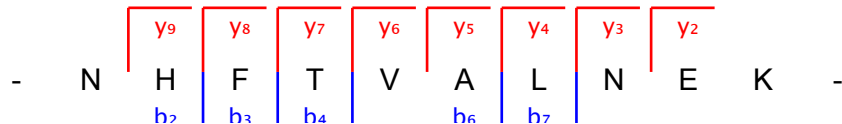
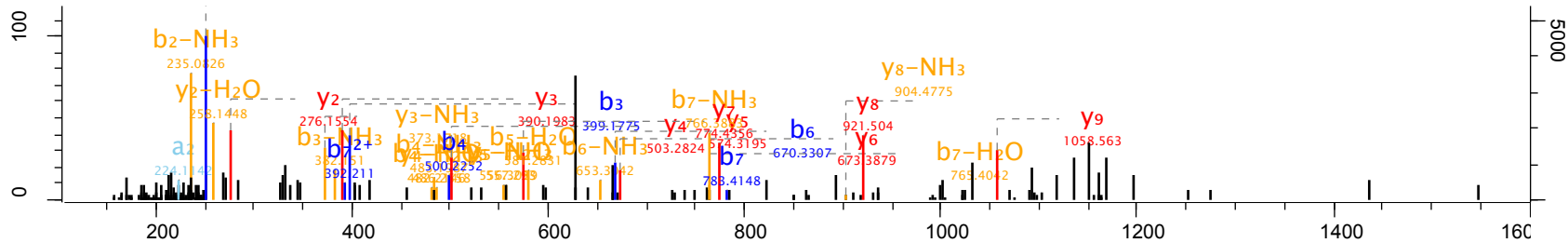
497.26

Gene names

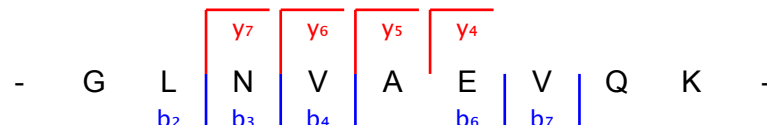
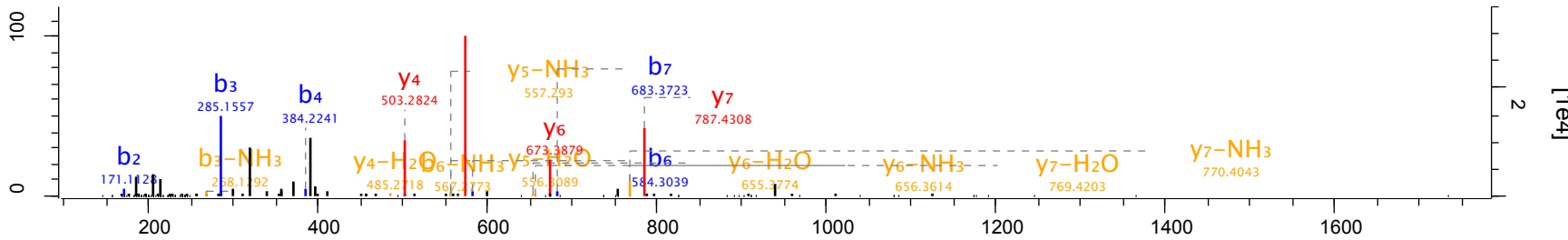
AKR1D1



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract12_dyn_5ul_F4_01_591	12895	TOF; CID	151.07	586.8	SULT1E1



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract12_dyn_5ul_F4_01_591	15999	TOF; CID	93.6	479.27	SLIT1



Raw file

20141014_fract12_dyn_5ul_F4_01_591

Scan

28389

Method

TOF; CID

Score

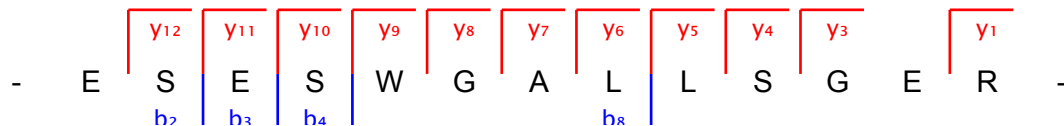
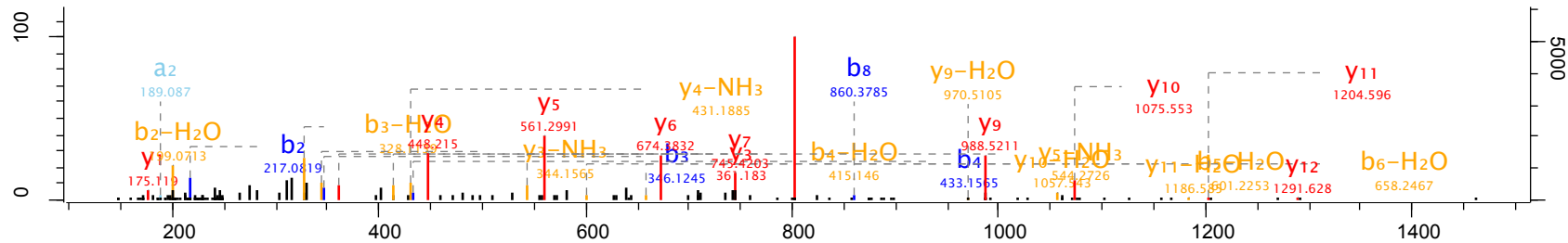
121.56

m/z

710.84

Gene names

SLC39A13



Raw file

20141014_fract12_dyn_5ul_F4_01_591

Scan

34915

Method

TOF; CID

Score

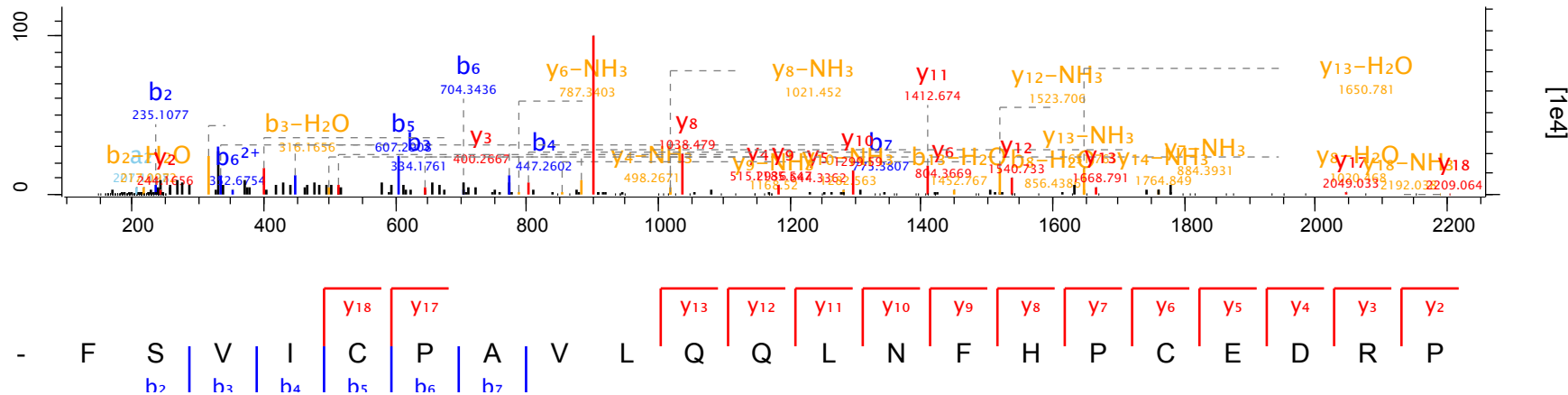
140.2

m/z

666.09

Gene names

SLC39A8



Raw file

20141014_fract12_dyn_5ul_F4_01_591

Scan

37009

Method

TOF; CID

Score

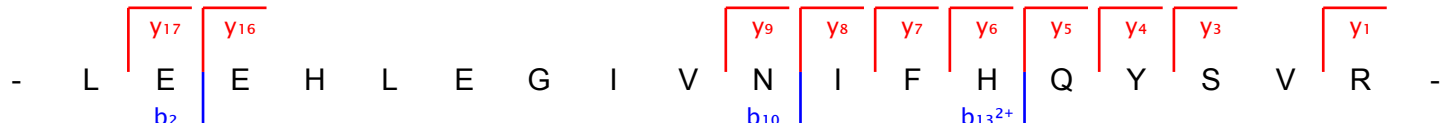
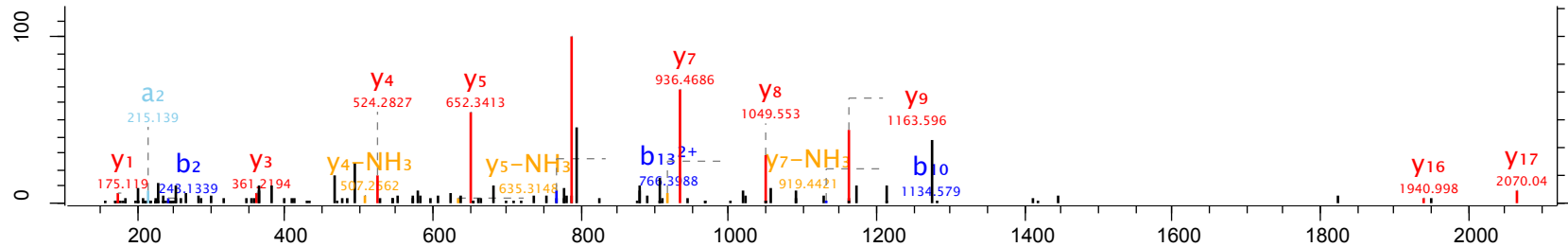
41.26

m/z

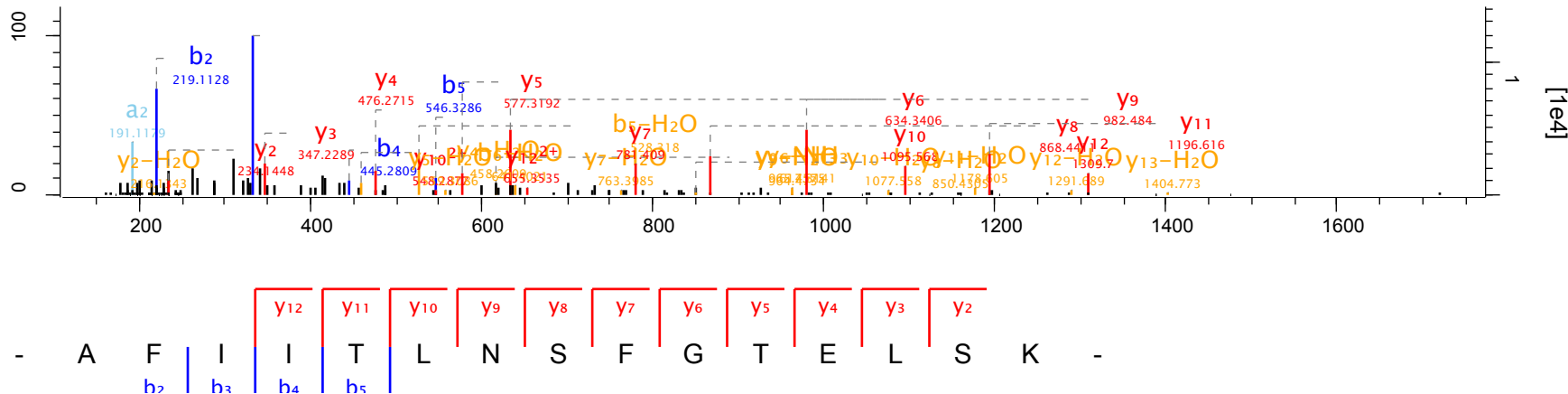
546.79

Gene names

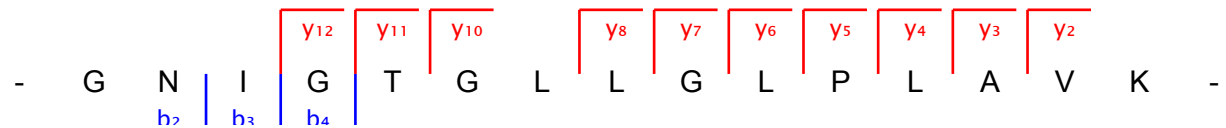
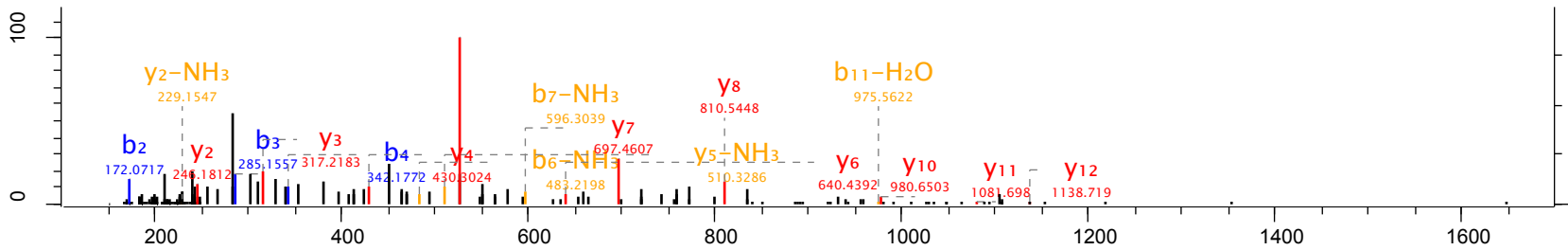
S100A12



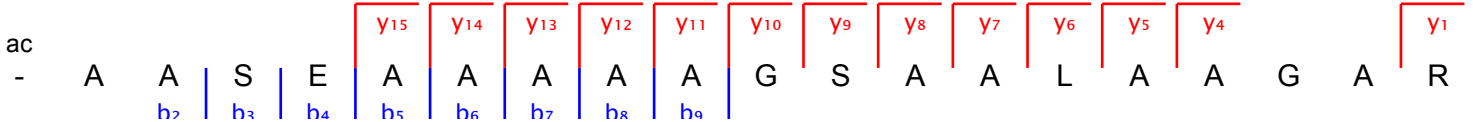
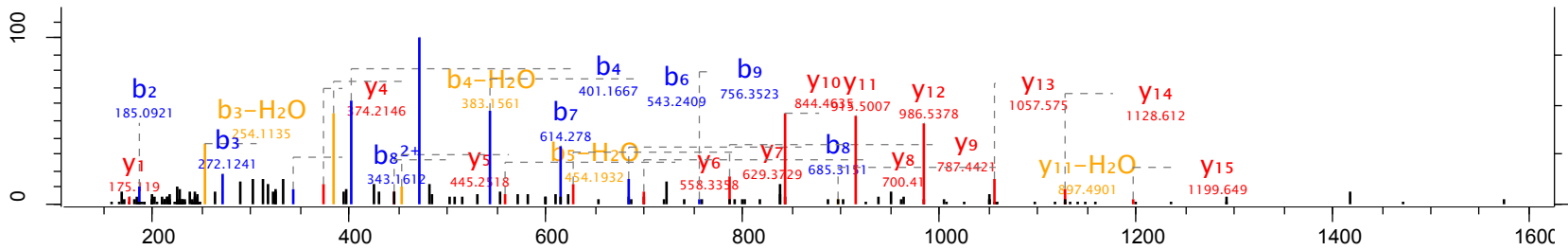
Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract12_dyn_5ul_F4_01_591	38365	TOF; CID	128.22	821.44	ATP6V0D2



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract12_dyn_5ul_F4_01_591	38881	TOF; CID	53.3	712.44	SLC36A1



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract13_dyn_5ul_F5_01_592	29425	TOF; CID	78.67	800.41	ATMIN



Raw file

20141014_fract13_dyn_5ul_F5_01_592

Scan

37719

Method

TOF; CID

Score

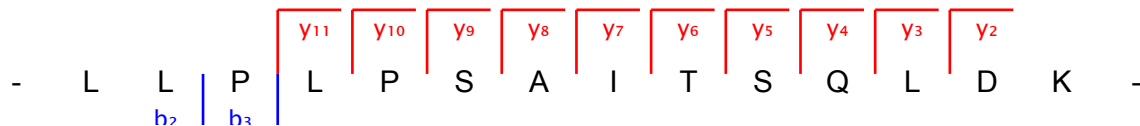
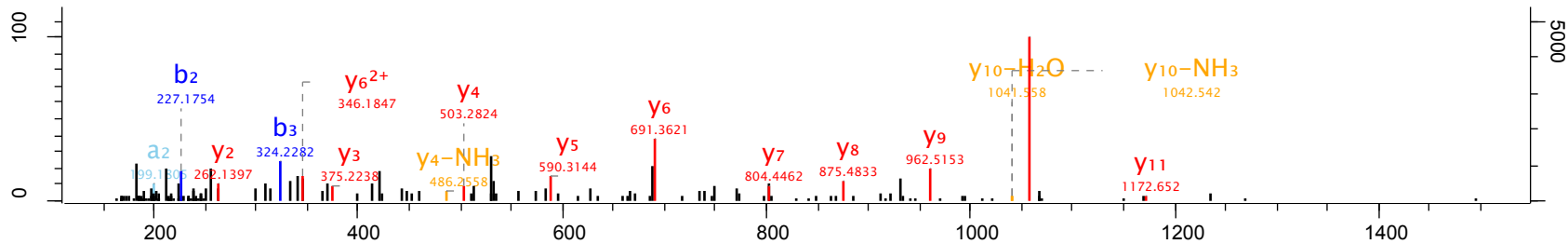
60.55

m/z

748.44

Gene names

SIM2;SIM1



Raw file

20141014_fract14_dyn_5ul_F6_01_593

Scan

10326

Method

TOF; CID

Score

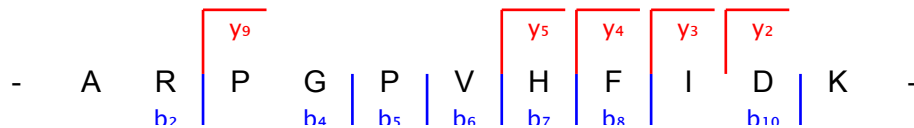
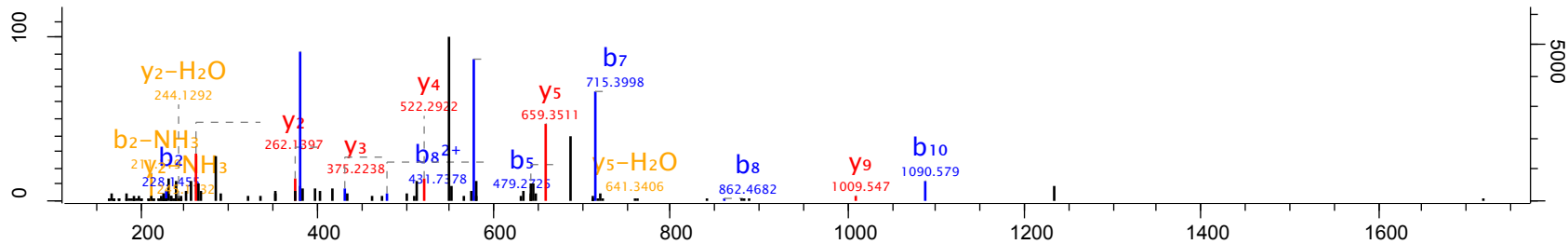
65.18

m/z

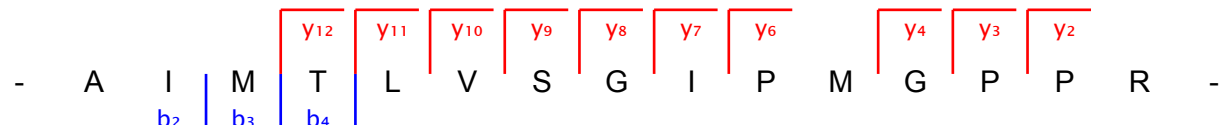
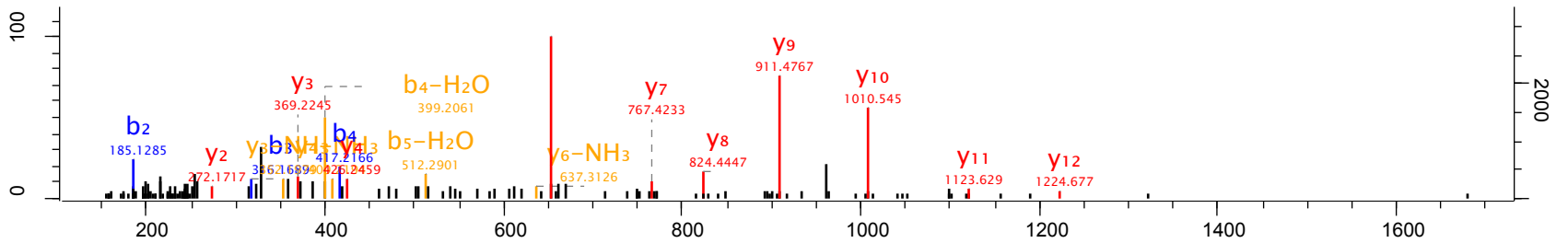
412.9

Gene names

ARRDC1-AS1



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract14_dyn_5ul_F6_01_593	35876	TOF; CID	78.81	770.42	NPL



Raw file

20141014_fract15_dyn_5ul_F7_01_594

Scan

41392

Method

TOF; CID

Score

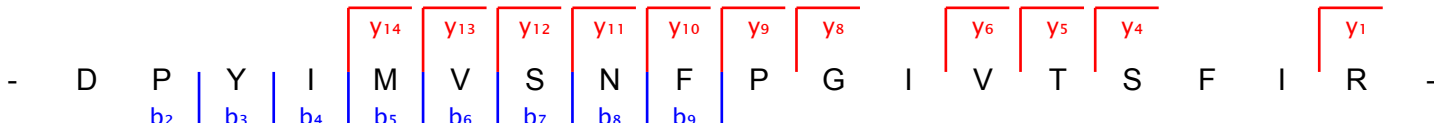
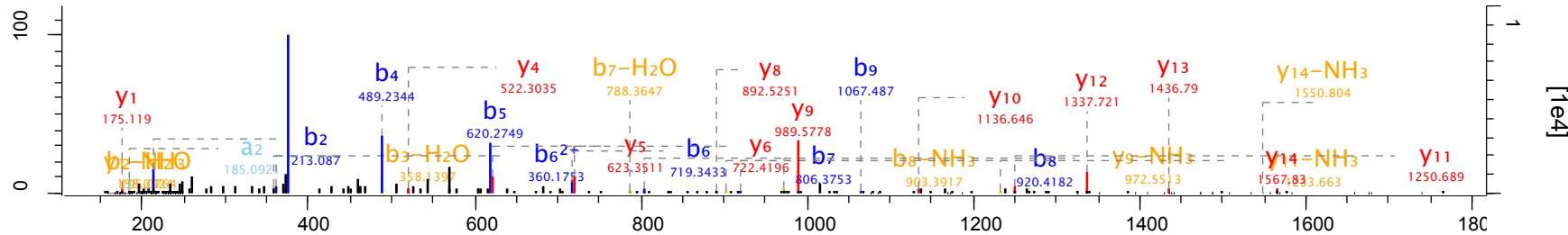
86.8

m/z

1029.03

Gene names

SLC50A1



Raw file

20141014_fract16_dyn_5ul_F8_01_595

Scan

15923

Method

TOF; CID

Score

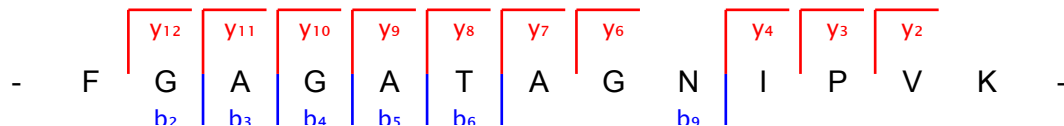
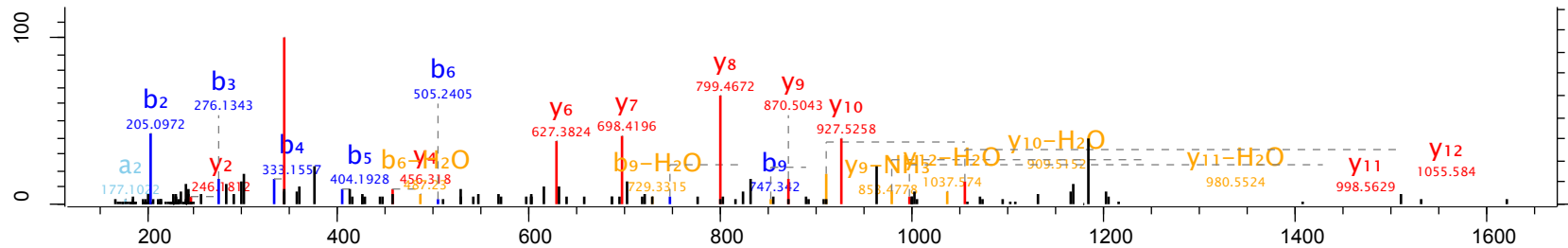
89.43

m/z

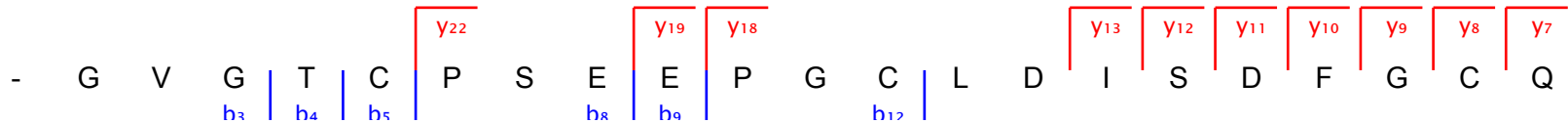
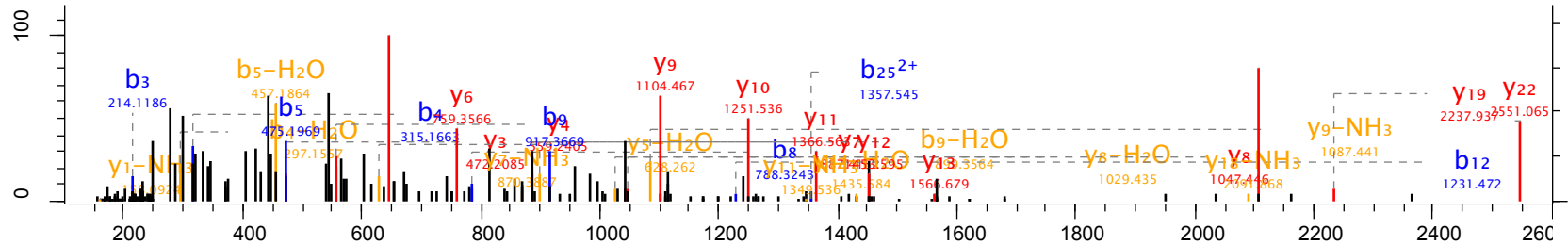
602.33

Gene names

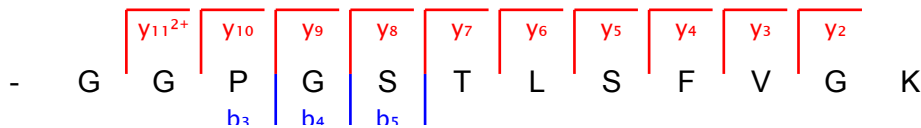
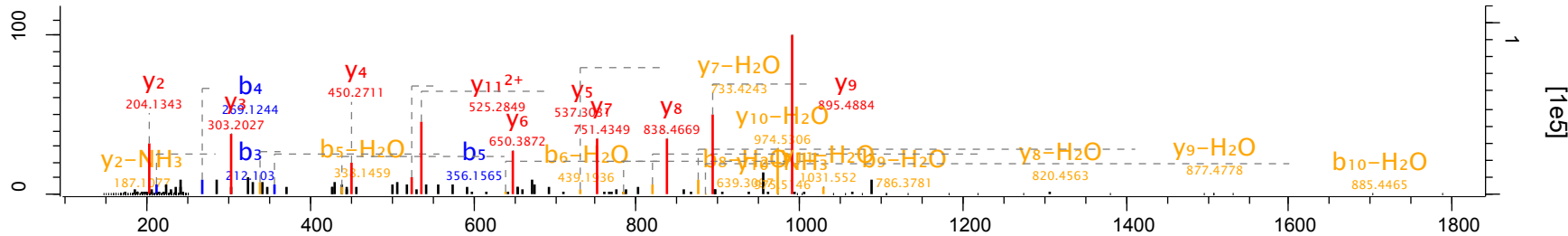
DAZAP2



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract16_dyn_5ul_F8_01_595	28148	TOF; CID	81.97	1010.09	FAM199X



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract17_dyn_5ul_G1_01_596	19333	TOF; CID	91.96	553.79	C19orf43



Raw file

20141014_fract17_dyn_5ul_G1_01_596

Scan

23833

Method

TOF; CID

Score

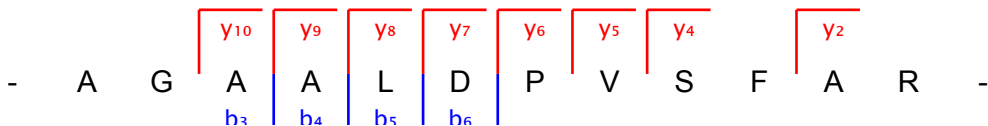
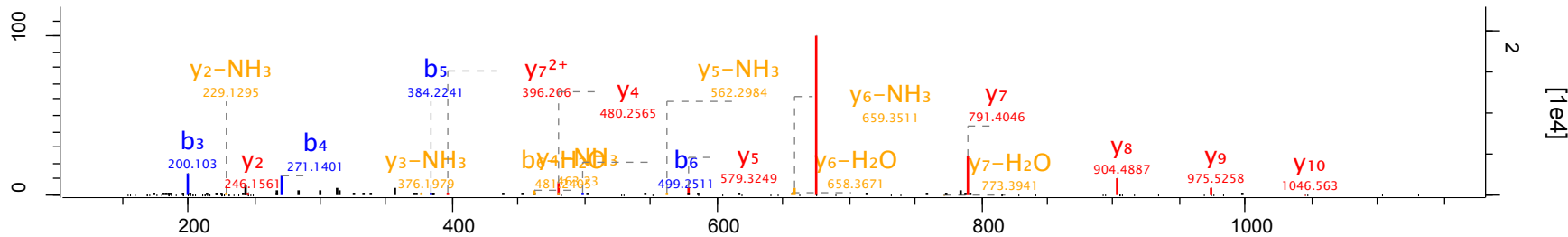
98.16

m/z

587.81

Gene names

SYNGR3



Raw file

20141014_fract17_dyn_5ul_G1_01_596

Scan

Method

Score

m/z

Gene names

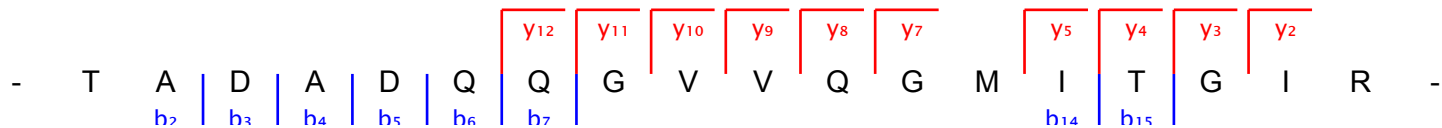
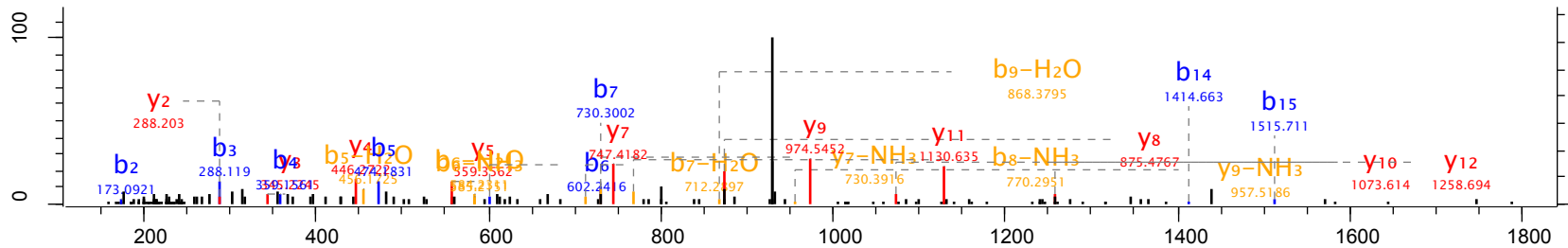
27158

TOF; CID

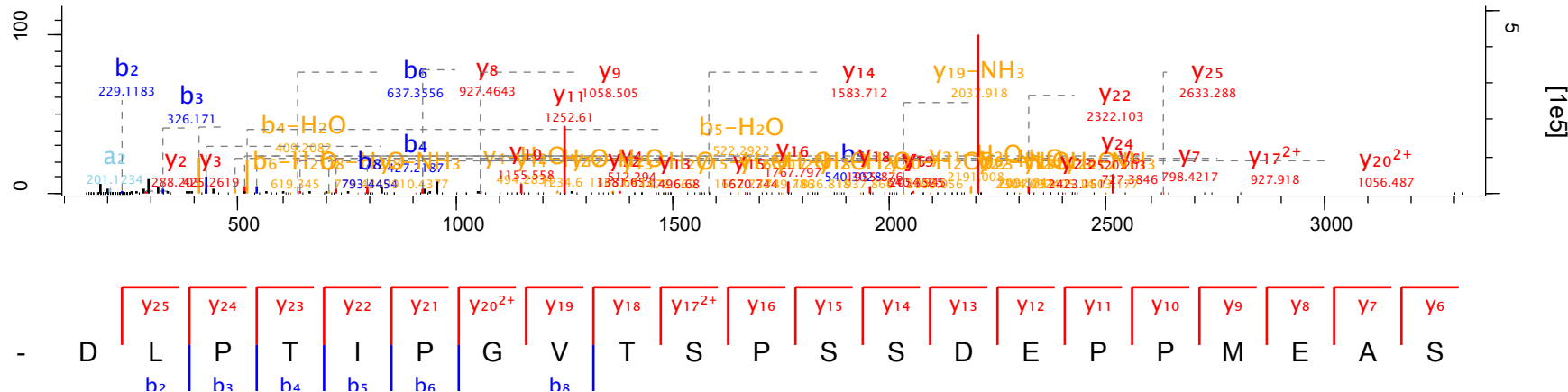
64

930.47

HIAT1



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract18_dyn_5ul_G2_01_597	29283	TOF; CID	204.53	917.11	EIF4EBP1



Raw file

20141014_fract18_dyn_5ul_G2_01_597

Scan

32329

Method

TOF; CID

Score

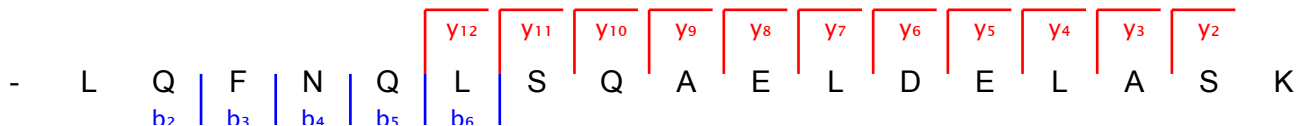
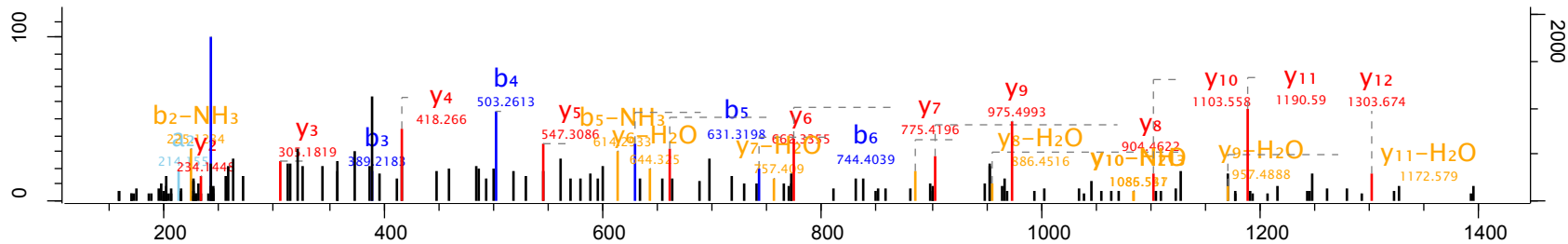
96.1

m/z

968

Gene names

EFHC1



Raw file

20141014_fract19_dyn_5ul_G3_01_598

Scan

10366

Method

TOF; CID

Score

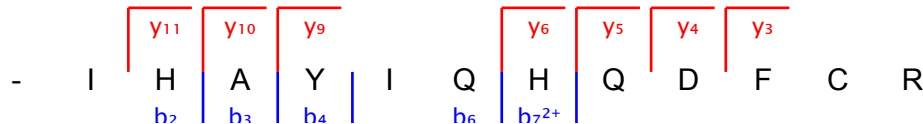
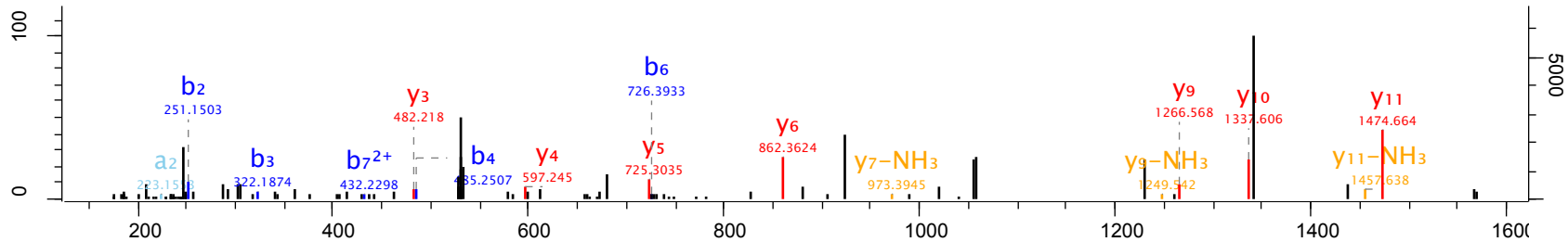
55.04

m/z

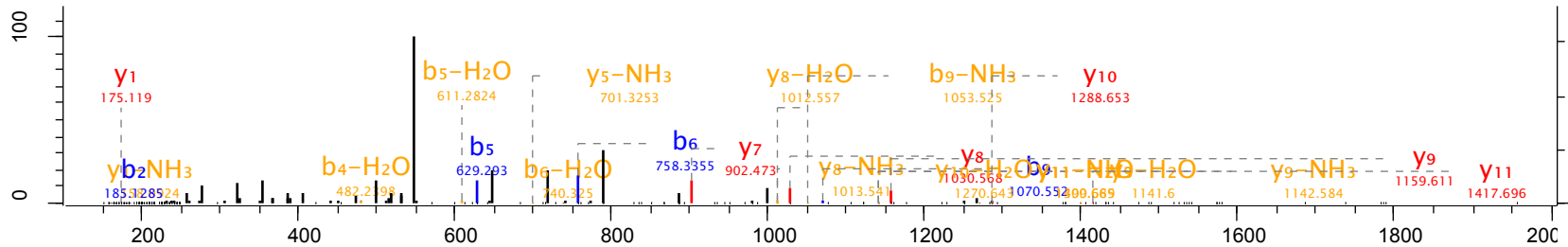
530.25

Gene names

MGAT5B



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract19_dyn_5ul_G3_01_598	38338	TOF; CID	74.54	894.45	CCDC70



- A L W E E E K A L W V E E R -

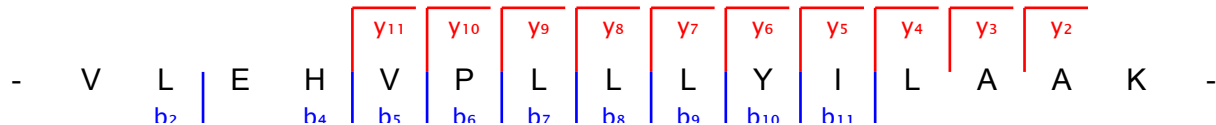
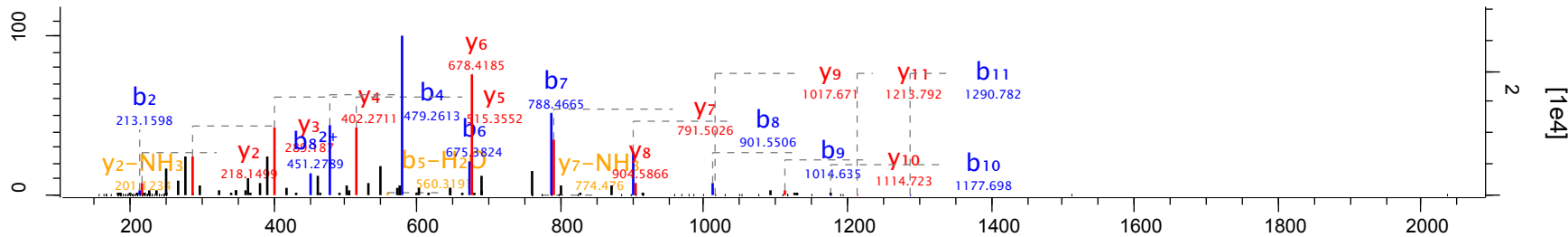
 | | | | | | | |

 b₂ b₅ b₆ b₉

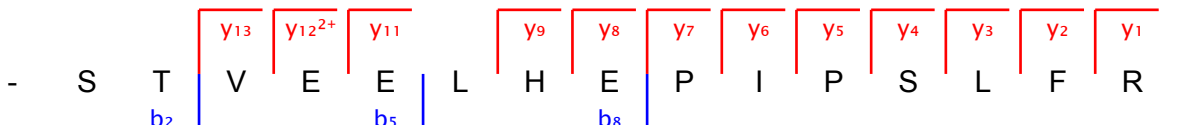
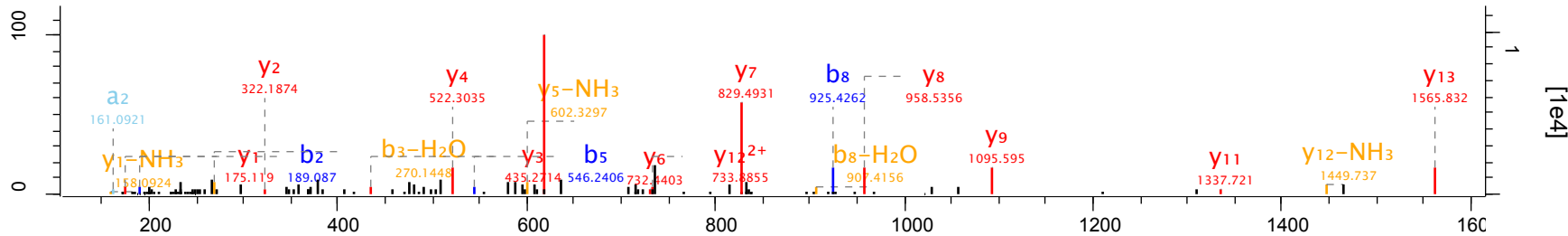
 y₁₁ y₁₀ y₉ y₈ y₇ y₁

[1e5]

Raw file 20141014_fract19_dyn_5ul_G3_01_598 Scan 38518 Method TOF; CID Score 84.75 m/z 565.02 Gene names SMIM11



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract21_dyn_5ul_G5_01_600	28402	TOF; CID	63.68	585.64	TWSG1



Raw file

Scan

Method

Score

m/z

Gene names

20141014_fract22_dyn_5ul_G6_01_601

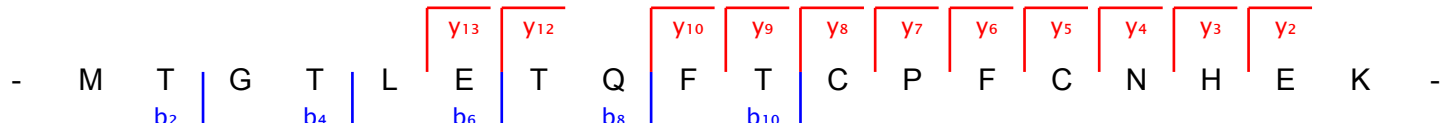
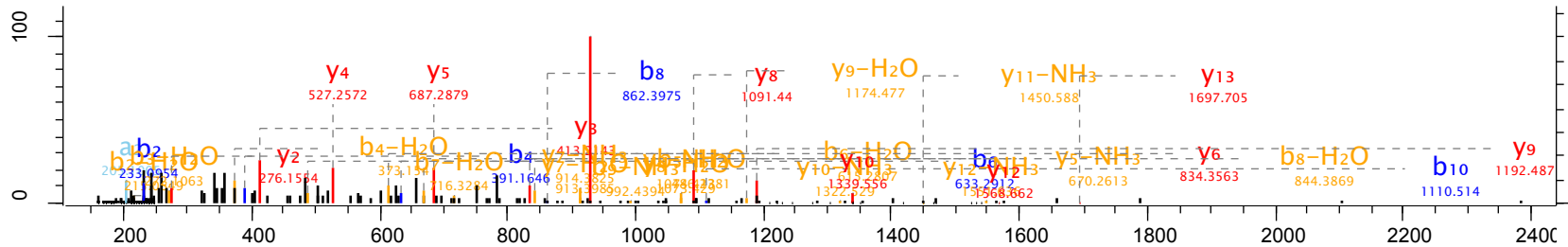
22553

TOF; CID

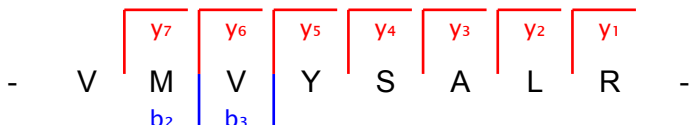
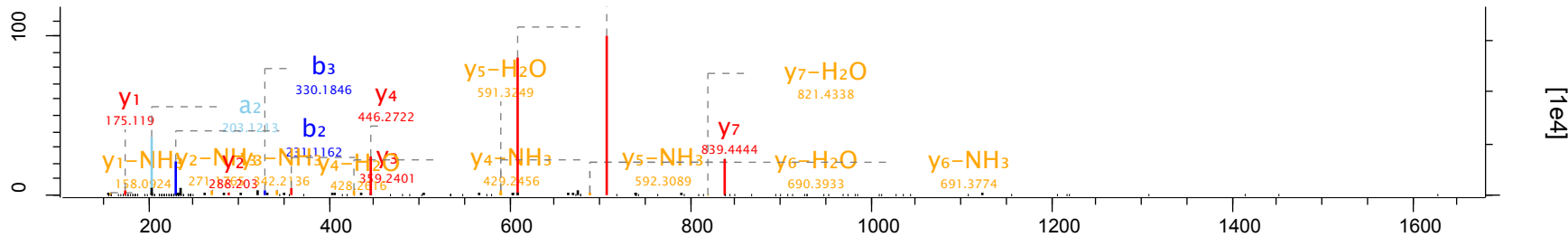
105.9

734.65

ELOF1



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract23_dyn_5ul_G7_01_602	16291	TOF; CID	117.1	469.76	APH1A



Raw file

Scan

Method

Score

m/z

Gene names

20141014_fract23_dyn_5ul_G7_01_602

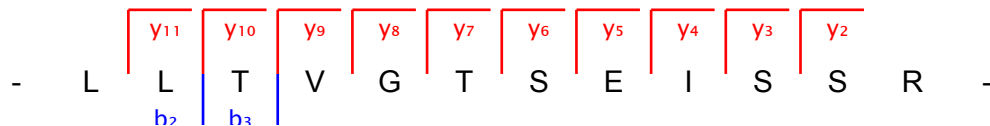
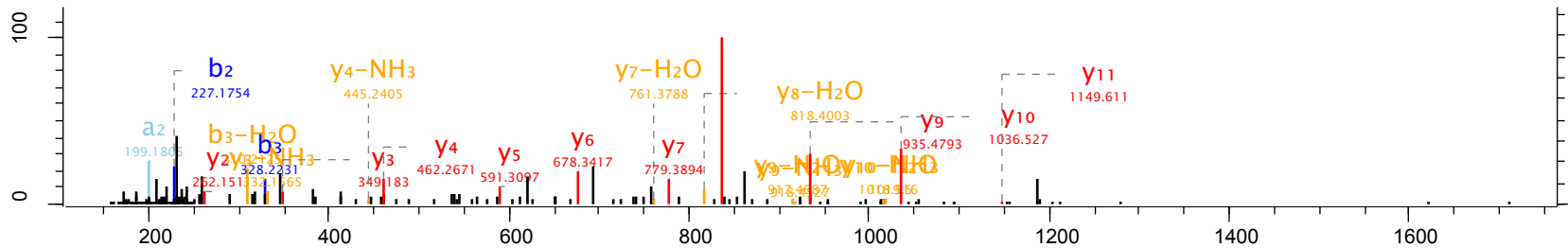
17175

TOF; CID

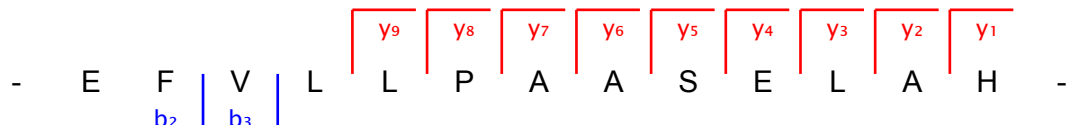
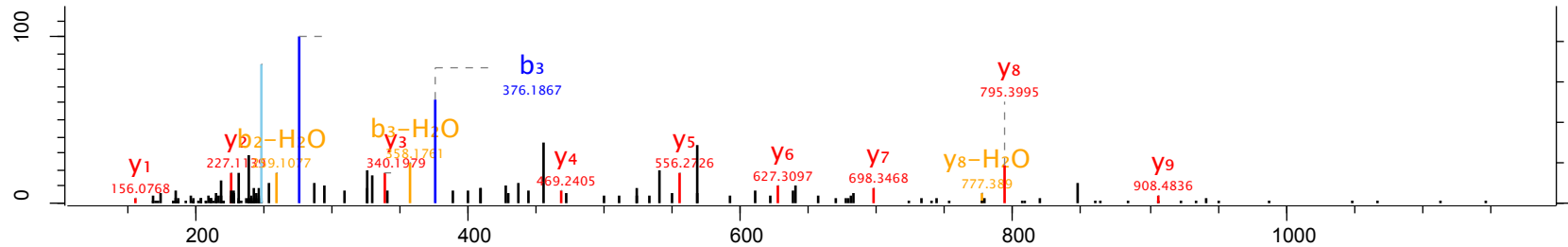
75.5

632.35

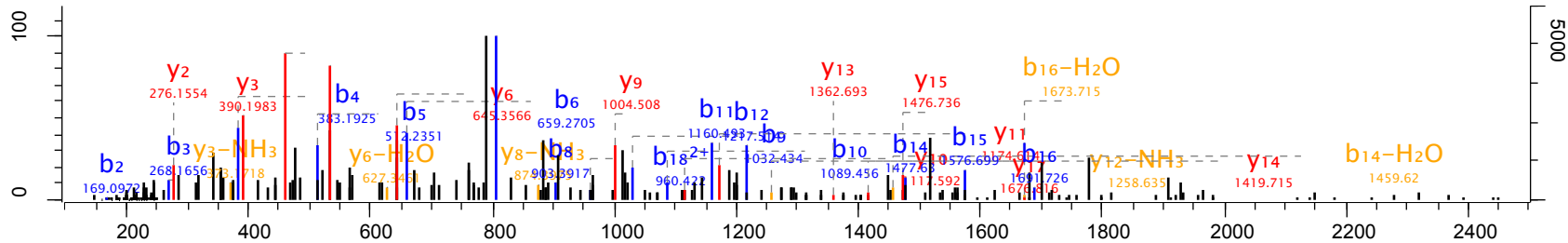
TTBK2



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract23_dyn_5ul_G7_01_602	35313	TOF; CID	65.84	698.87	PRKD2



Raw file	Scan	Method	Score	m/z	Gene names
20141014_fract23_dyn_5ul_G7_01_602	37784	TOF; CID	51.71	1199.88	MYEOV2



Raw file

20141014_fract24_dyn_5ul_G8_01_603

Scan

12552

Method

TOF; CID

Score

95.5

m/z

528.81

Gene names

TTC7B

