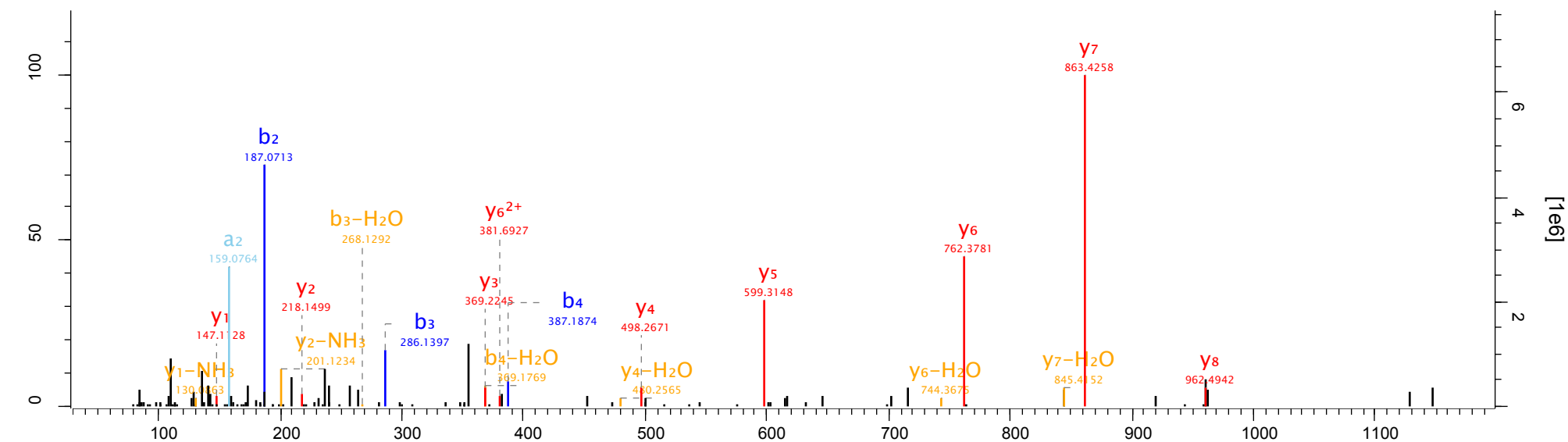
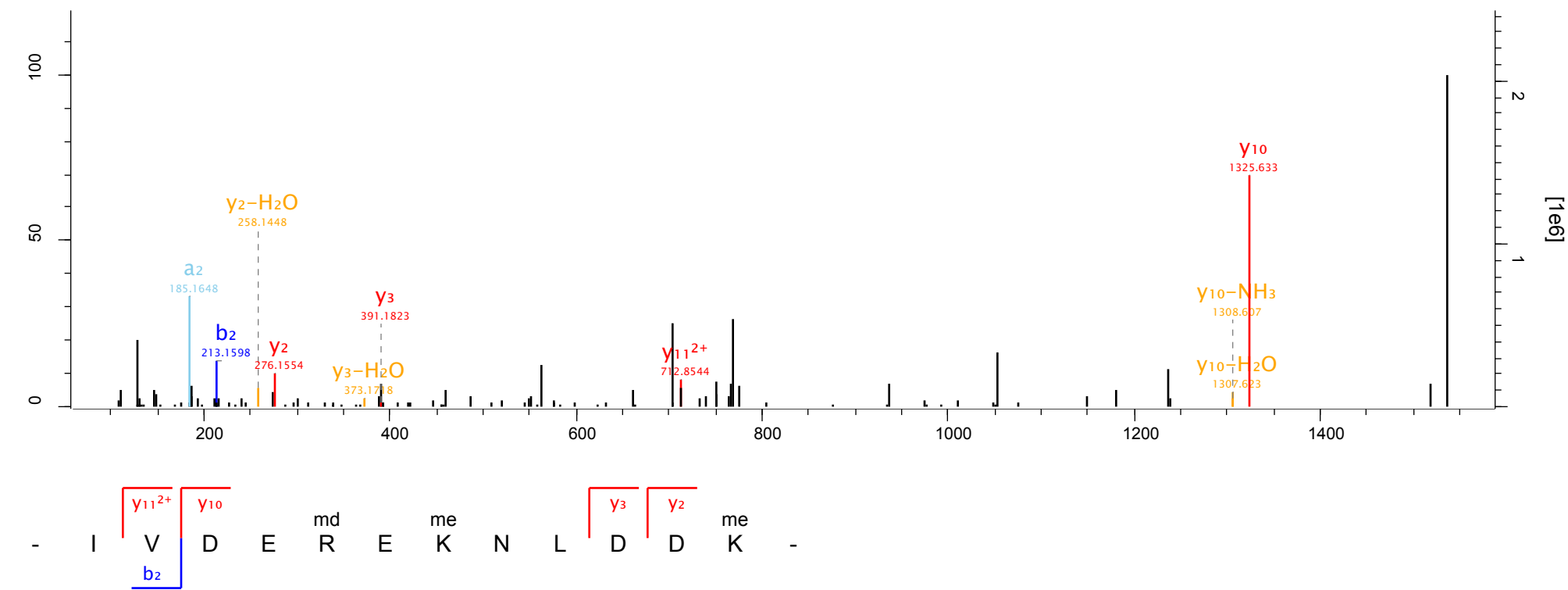


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	3020	FTMS; HCD	46.35	769.39	NDUFAF6



Raw file Scan Method Score m/z Gene names

Zhibin_20150831_MDAOPA_SCX_100mM

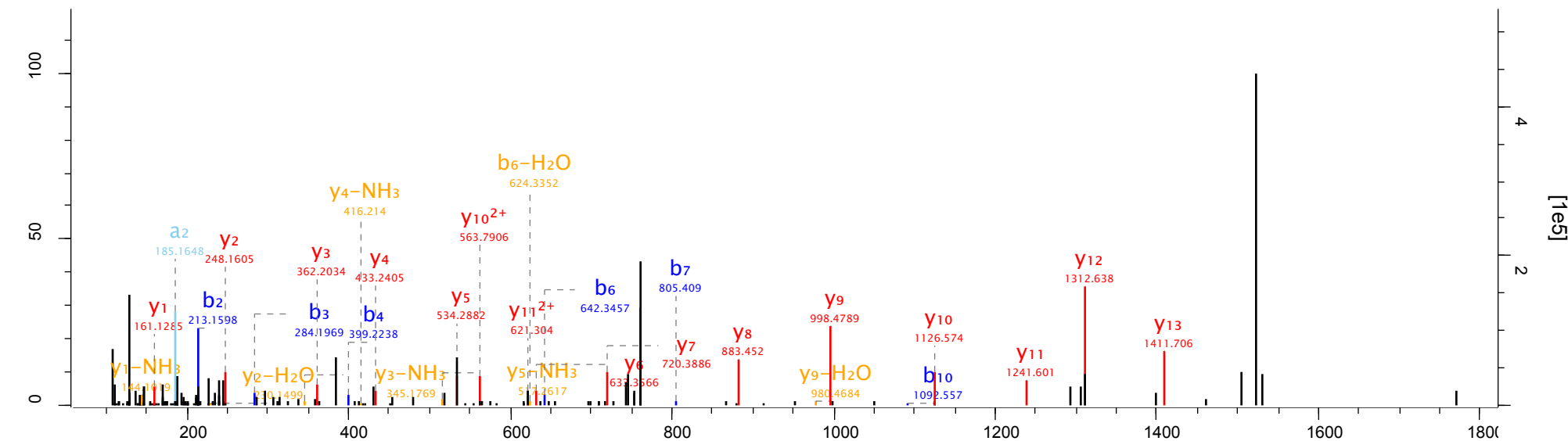
3081

FTMS; HCD

102.64

762.9

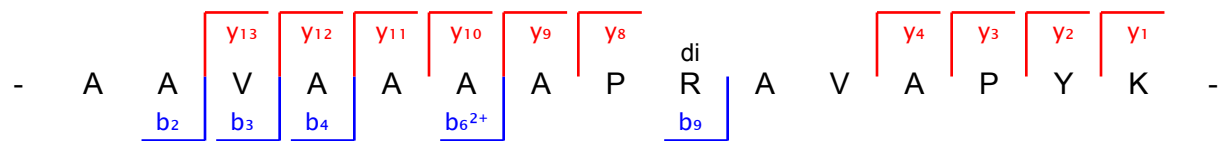
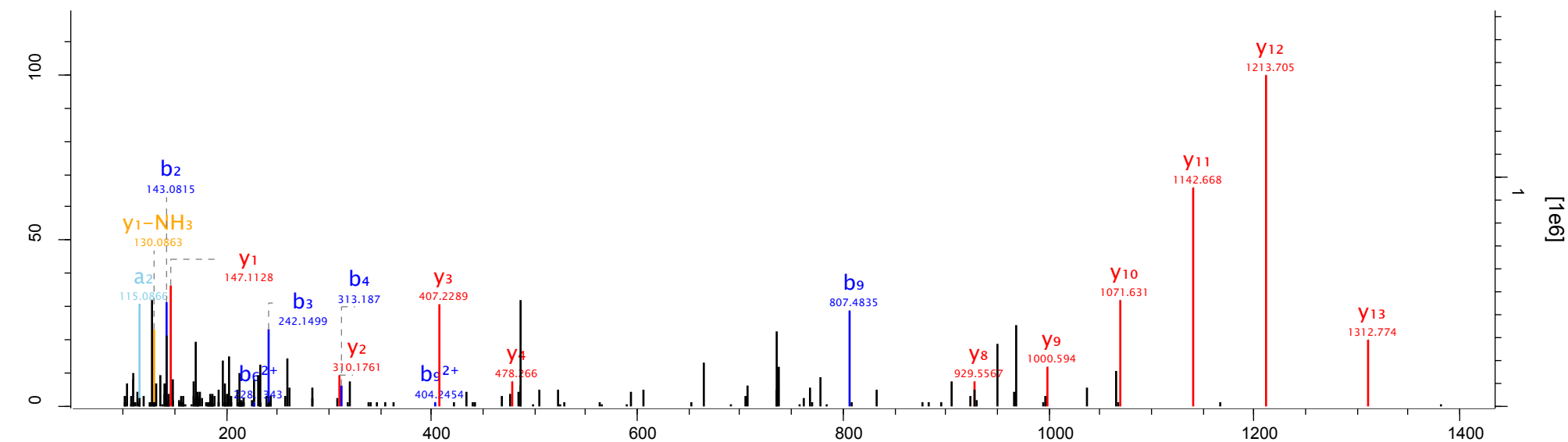
LDHB



- I V A D K D Y S V T A N S K me -

b₂ b₃ b₄ b₆ b₇ b₁₀

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	3271	FTMS; HCD	83.2	485.95	PABPC4



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_100mM

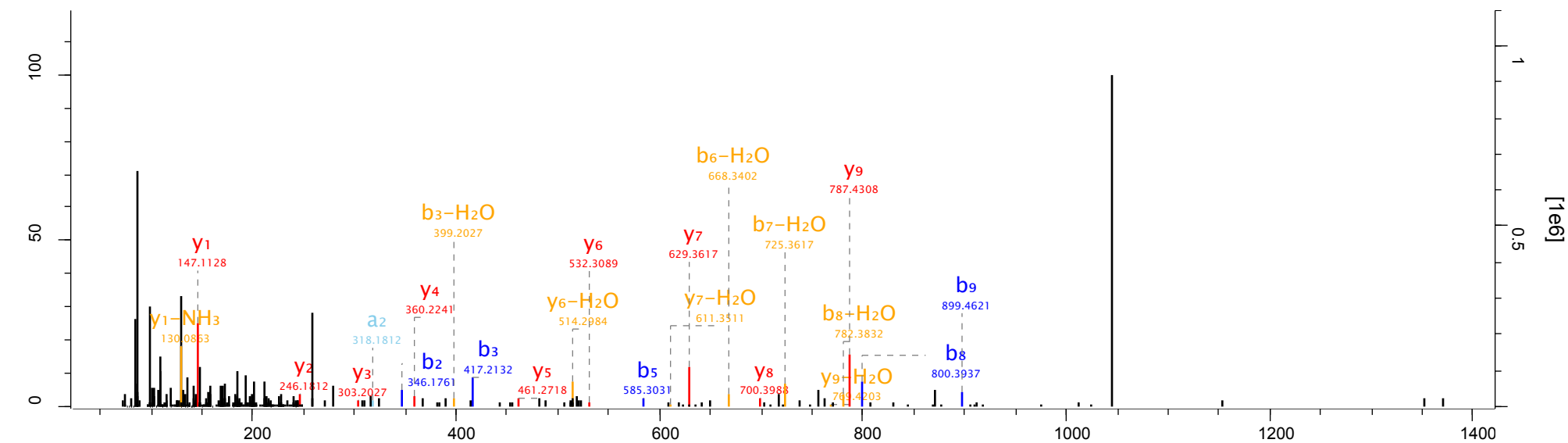
3415

FTMS; HCD

76.26

523.29

HIST2H3PS2;HIST2H3A;HIST3H3;HIST1H3A

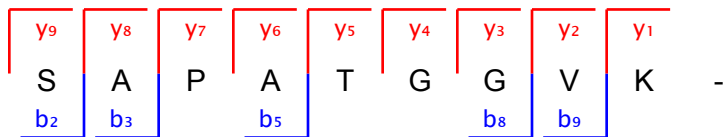


[1e6]

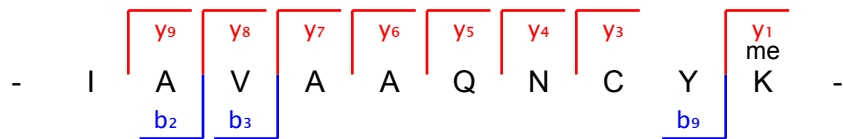
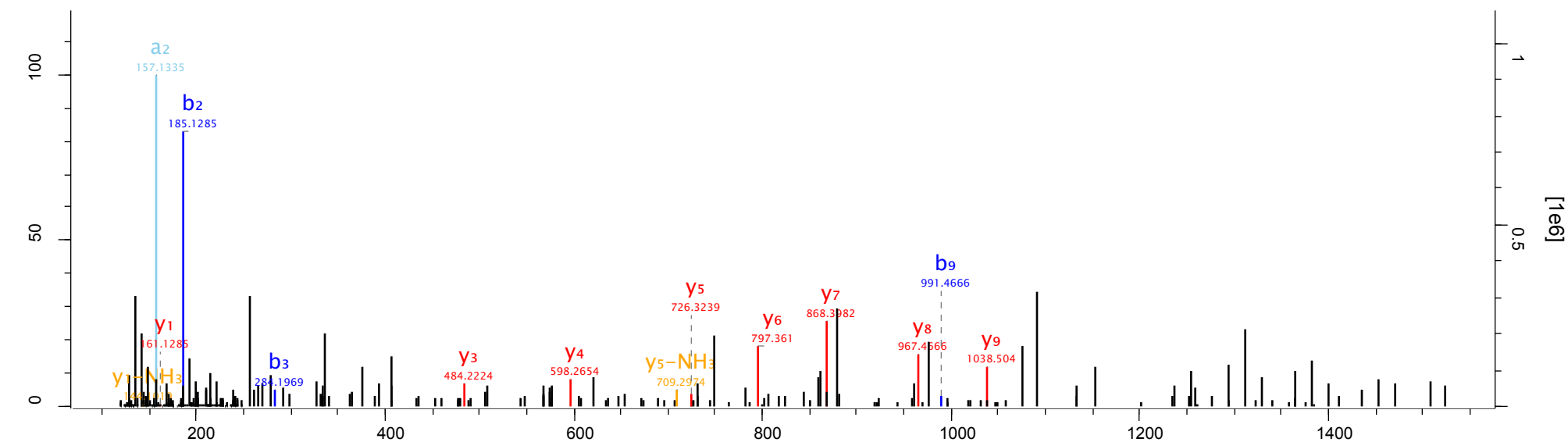
op

me

K



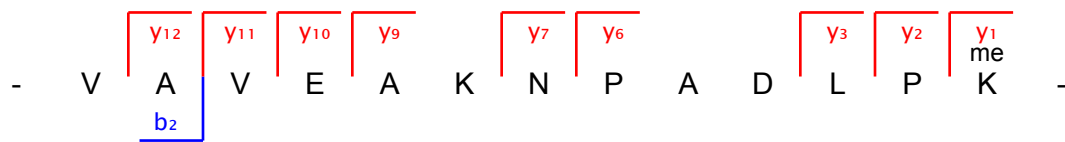
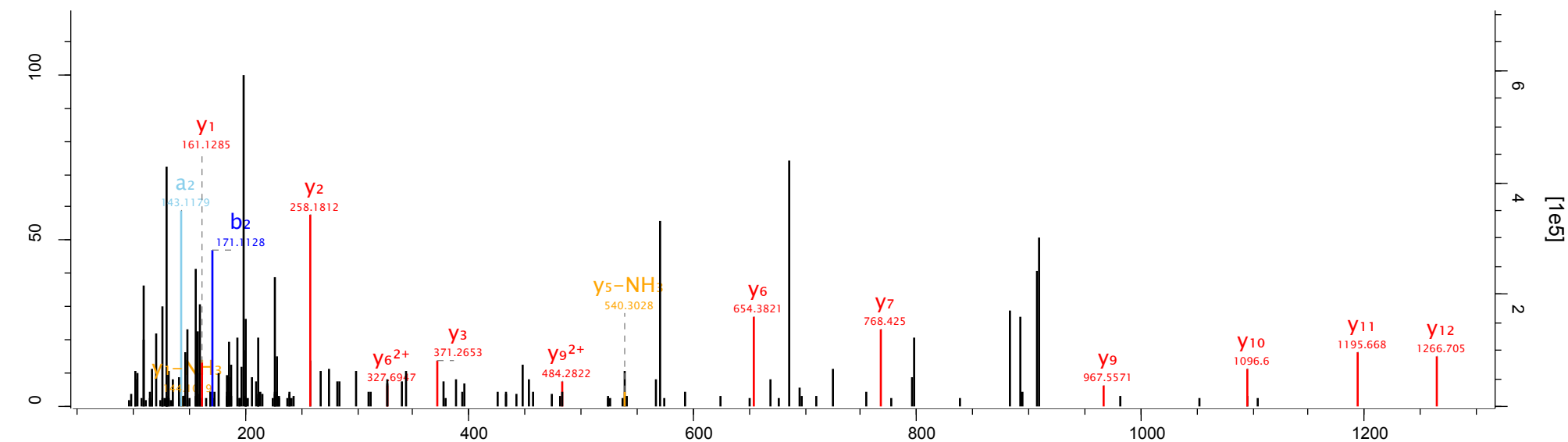
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	3452	FTMS; HCD	61.78	576.94	TPI1



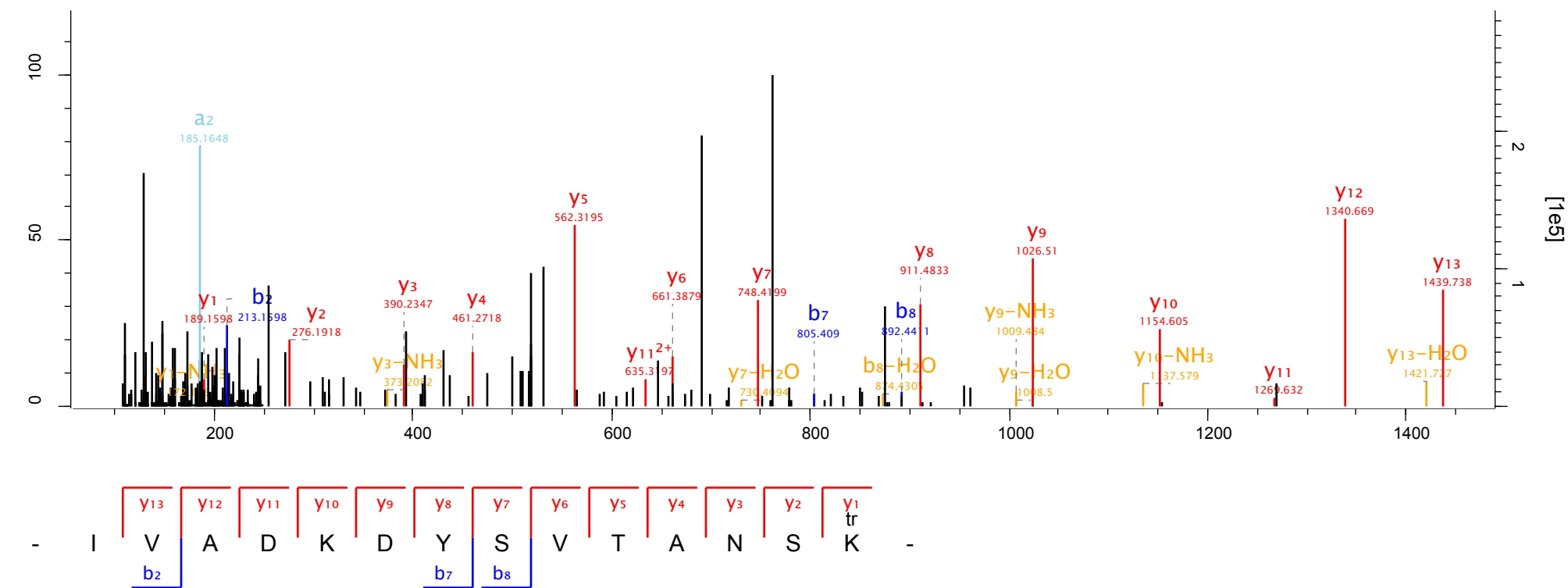
Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

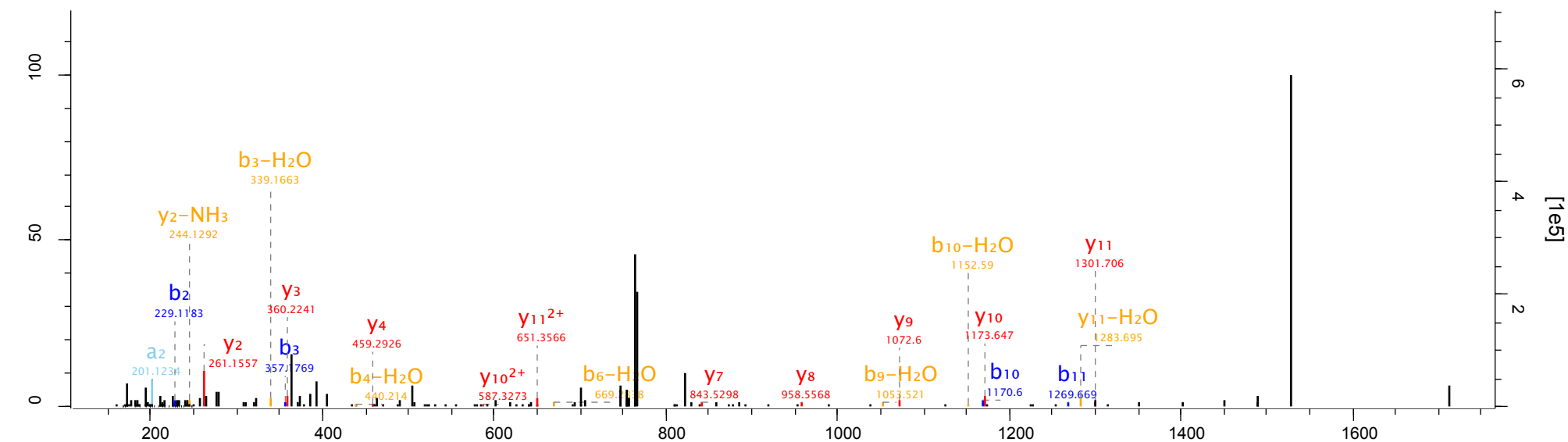
Scan	Method	Score	m/z	Gene names
3662	FTMS; HCD	51.73	455.93	EEF2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	3740	FTMS; HCD	104.95	518.28	LDHB



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	3801	FTMS; HCD	50.66	765.36	RPS3A



- E V Q T N D L K E V V N K -

me

b2 b3 b10 b11

y11 y10 y9 y8 y7 y4 y3 y2

Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

3807

Method

FTMS; HCD

Score

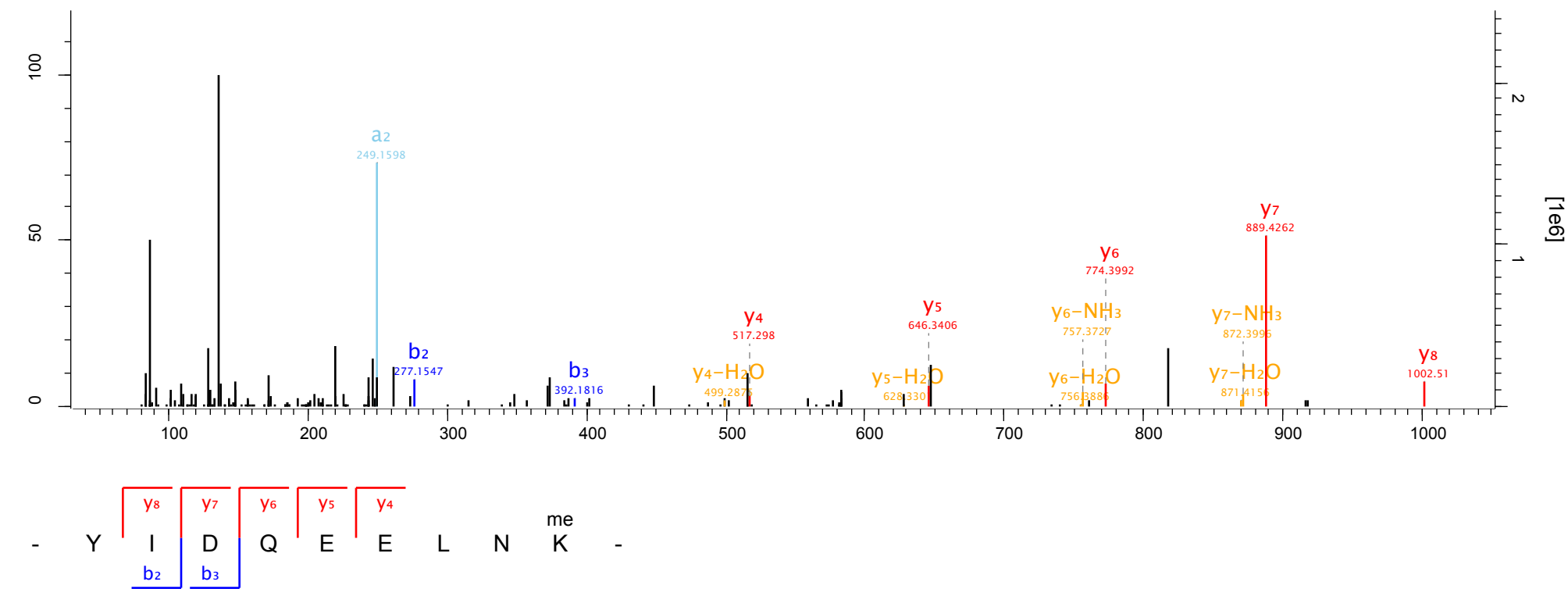
68.37

m/z

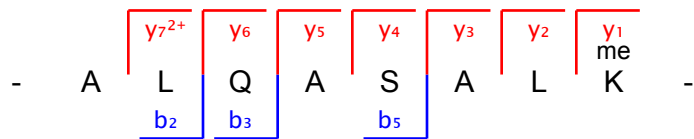
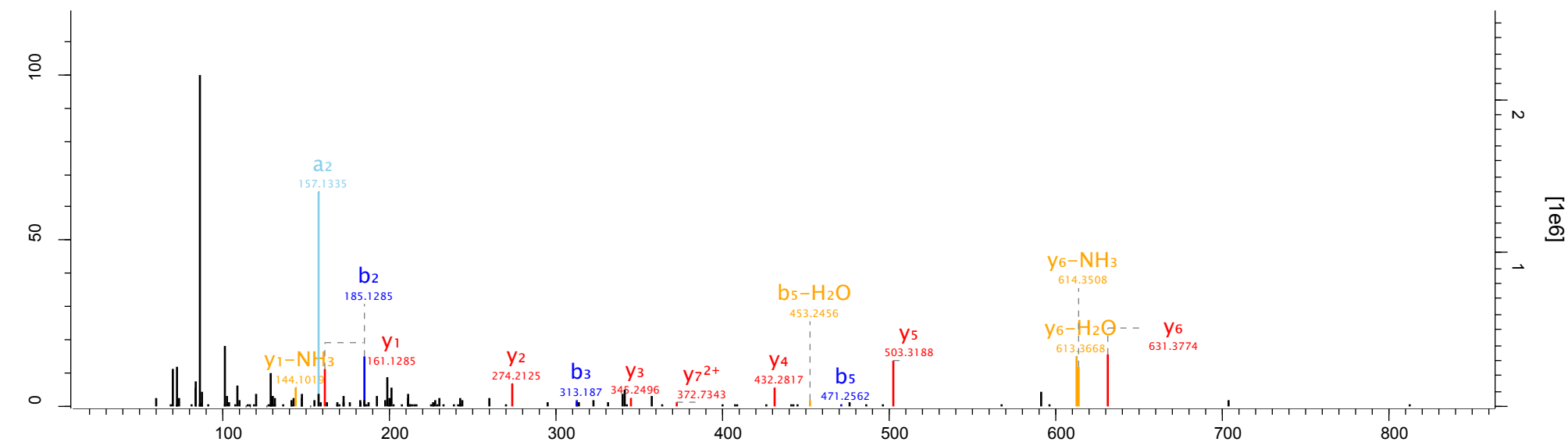
583.29

Gene names

HSP90AB1;HSP90AA1;HSP90AA2;HSP90AB2P



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	3850	FTMS; HCD	77.32	408.25	ALDOA



Zhibin_20150831_MDAOPA_SCX_100mM

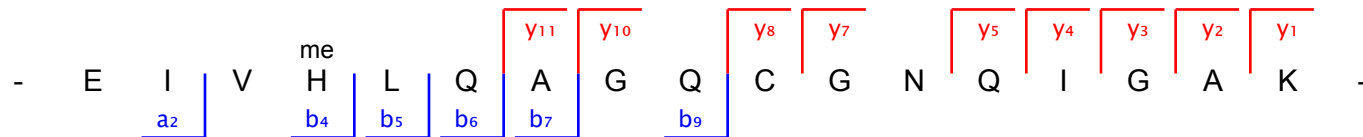
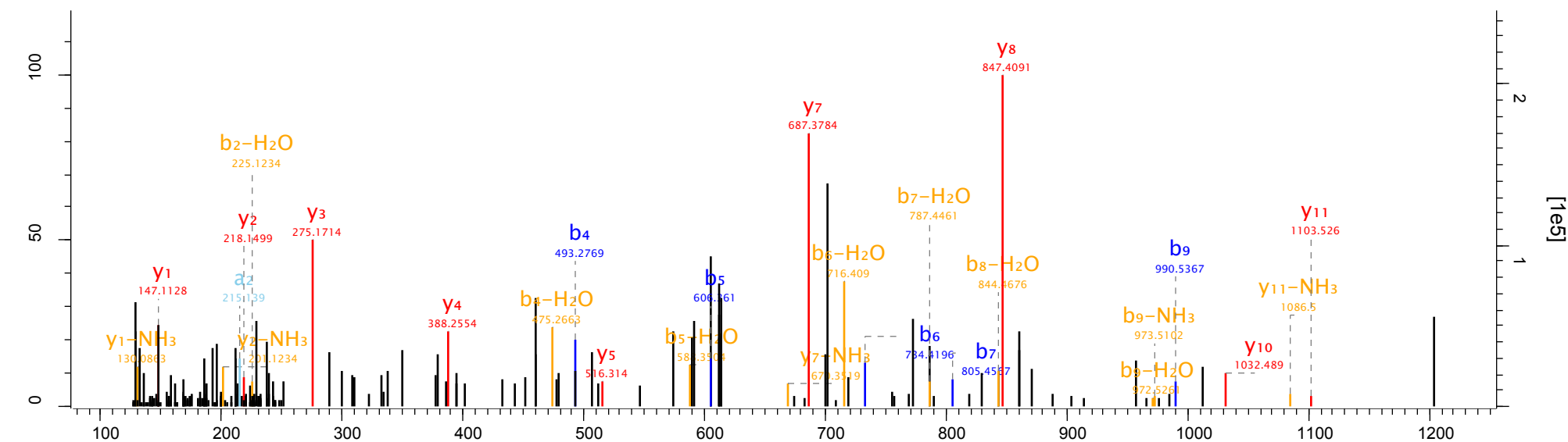
3910

FTMS; HCD

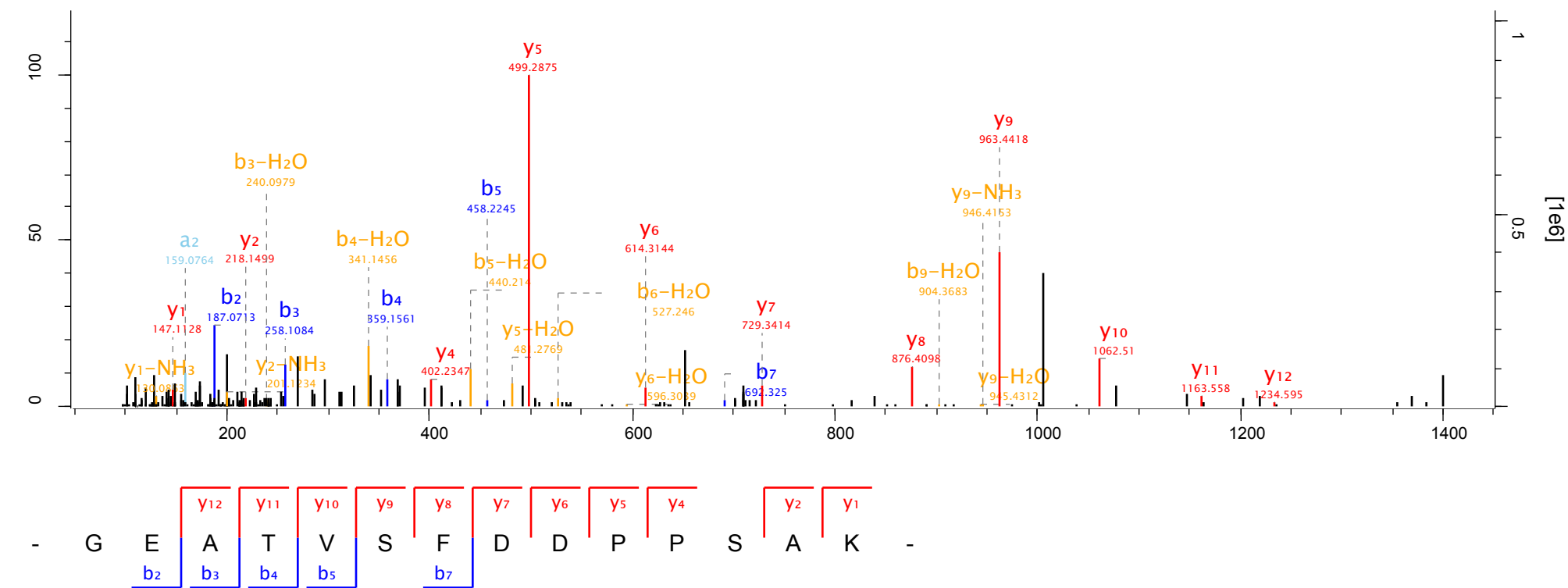
46.25

613.32

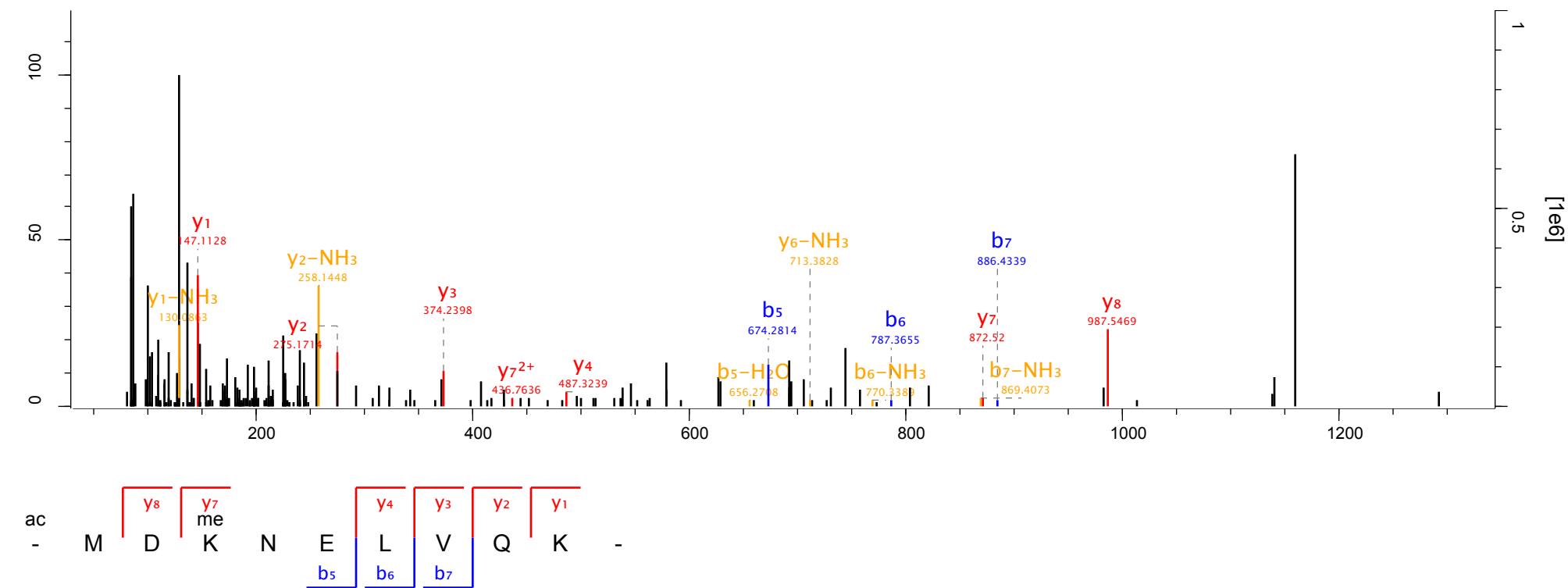
TUBB4B;TUBB4A



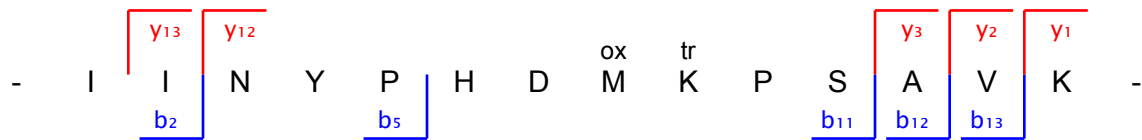
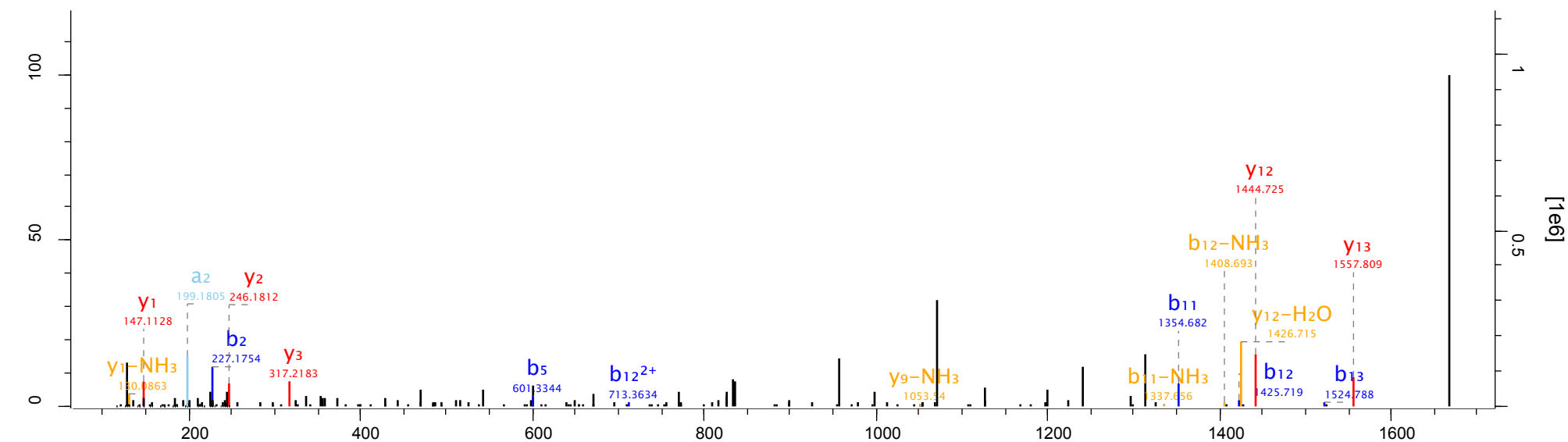
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	4202	FTMS; HCD	72.9	710.83	TAF15;FUS



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	4292	FTMS; HCD	63.18	580.8	YWHAZ



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	4468	FTMS; HCD	74.99	836.45	MMP26



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

4506

Method

FTMS; HCD

Score

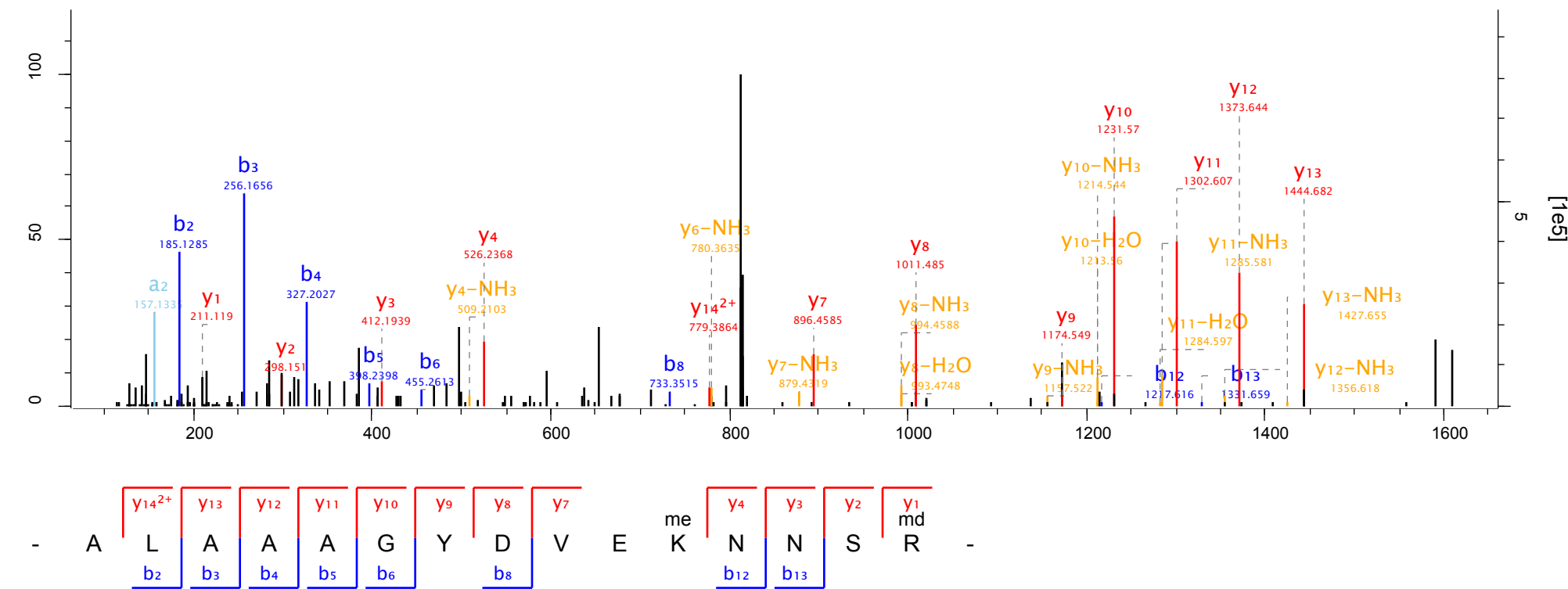
141.59

m/z

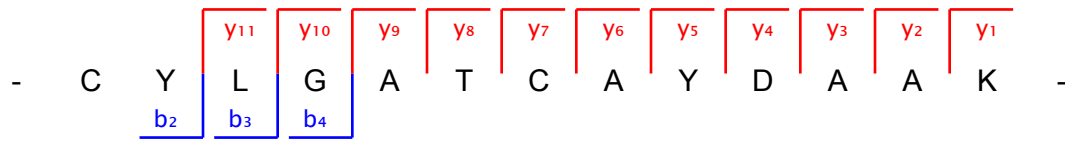
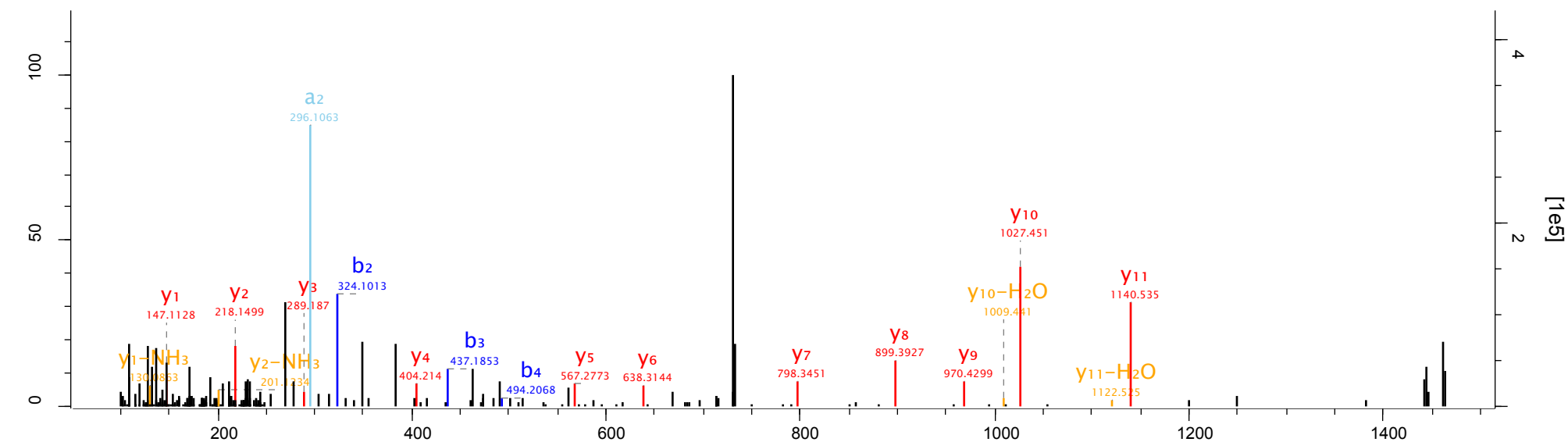
814.9

Gene names

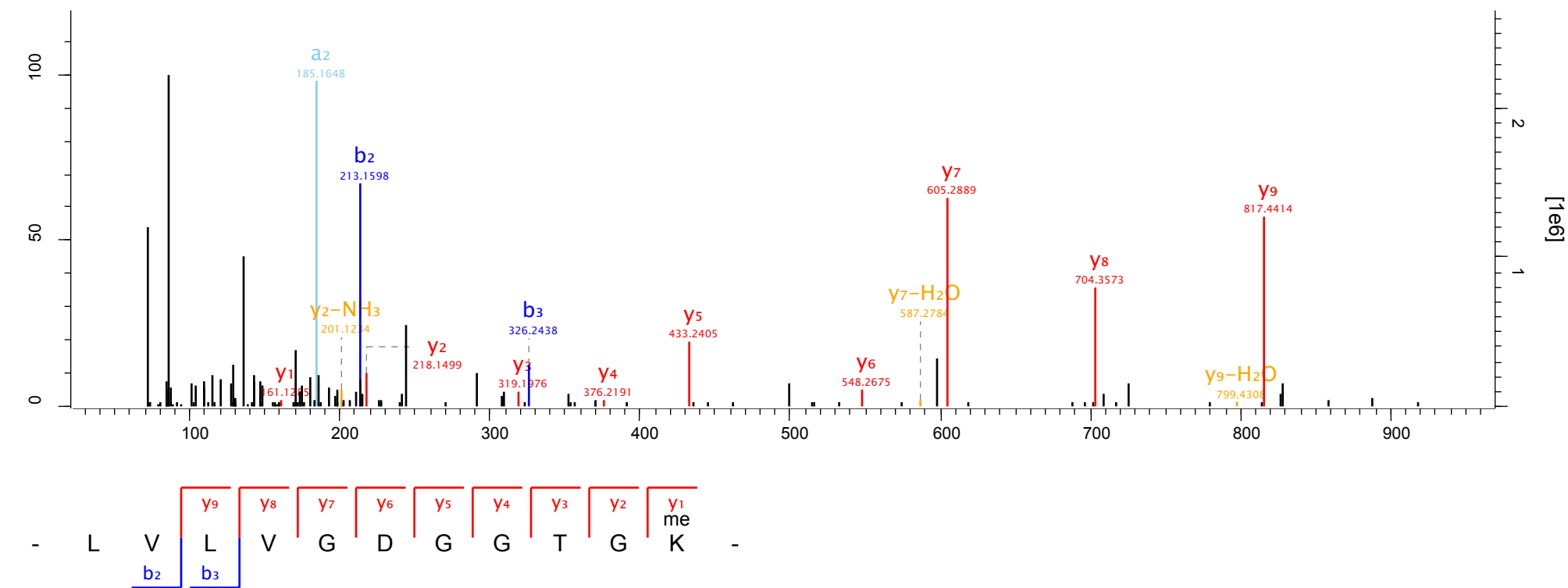
HIST1H1C; HIST1H1A; HIST1H1T; HIST1H1E; HIST1H1D



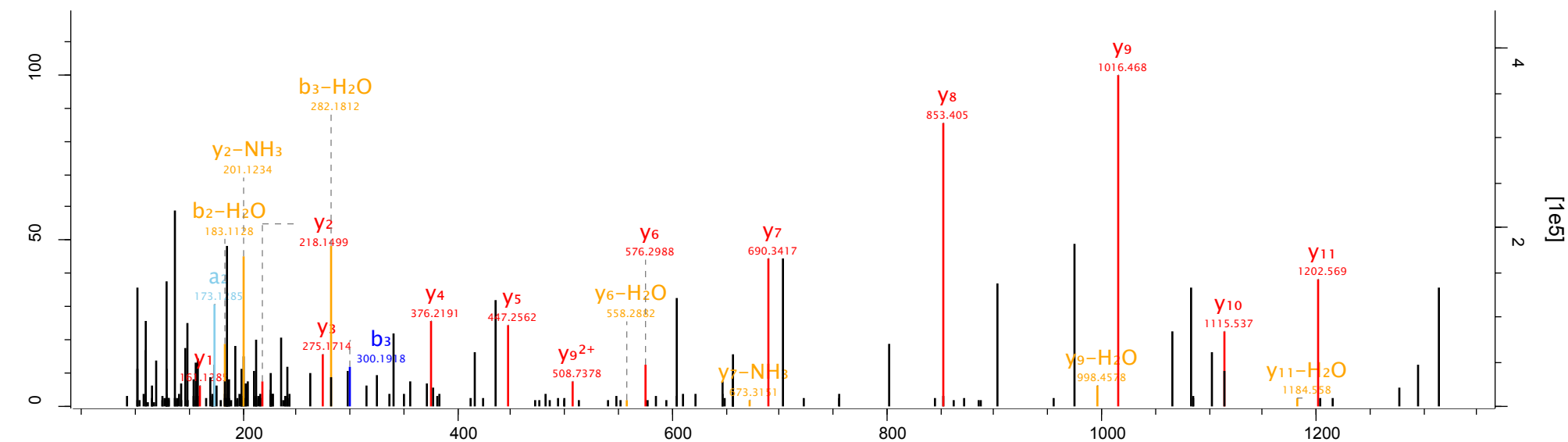
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	4523	FTMS; HCD	73.93	732.32	GEMIN5



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	4596	FTMS; HCD	57.16	515.3	RAN



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	4623	FTMS; HCD	81.57	658.33	TUBB



- I S V Y Y N E A T G G K -

a2 b3

Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

5008

Method

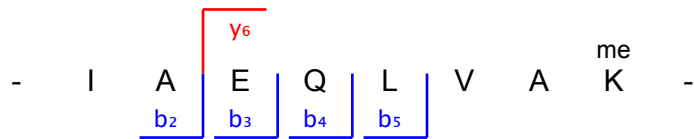
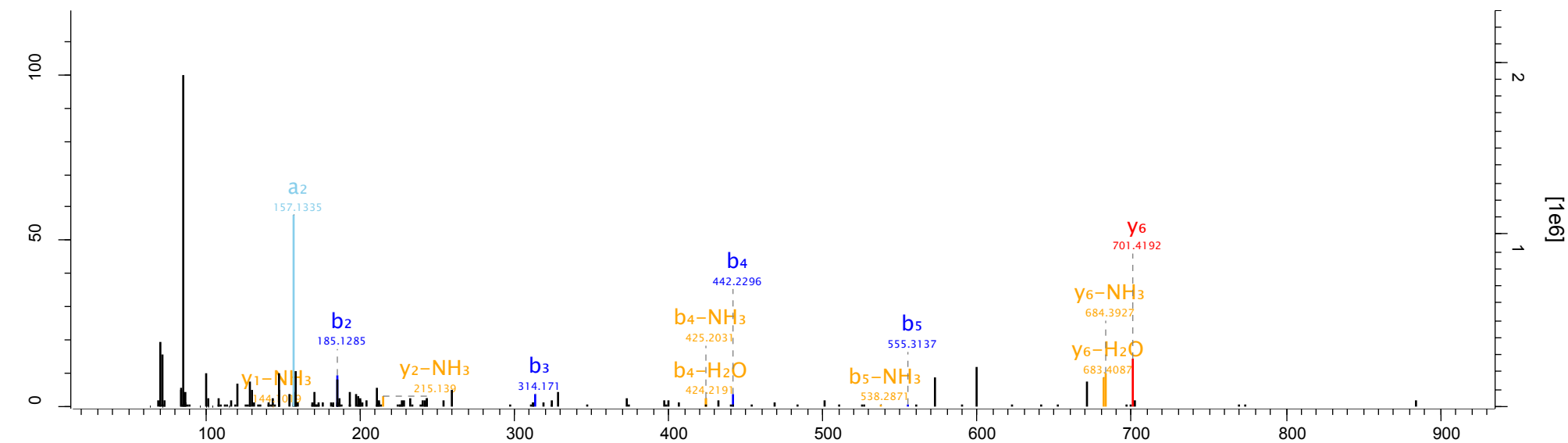
FTMS; HCD

Score

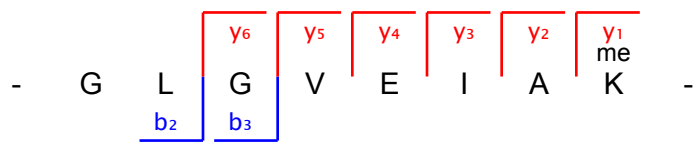
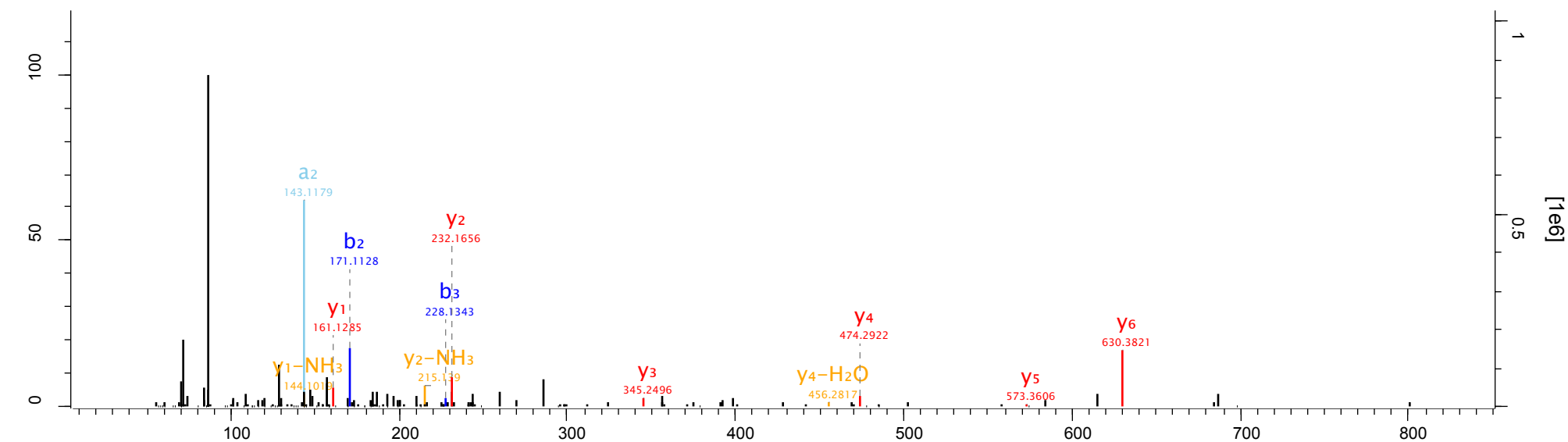
77.06

m/z

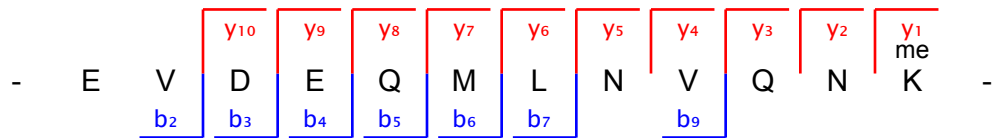
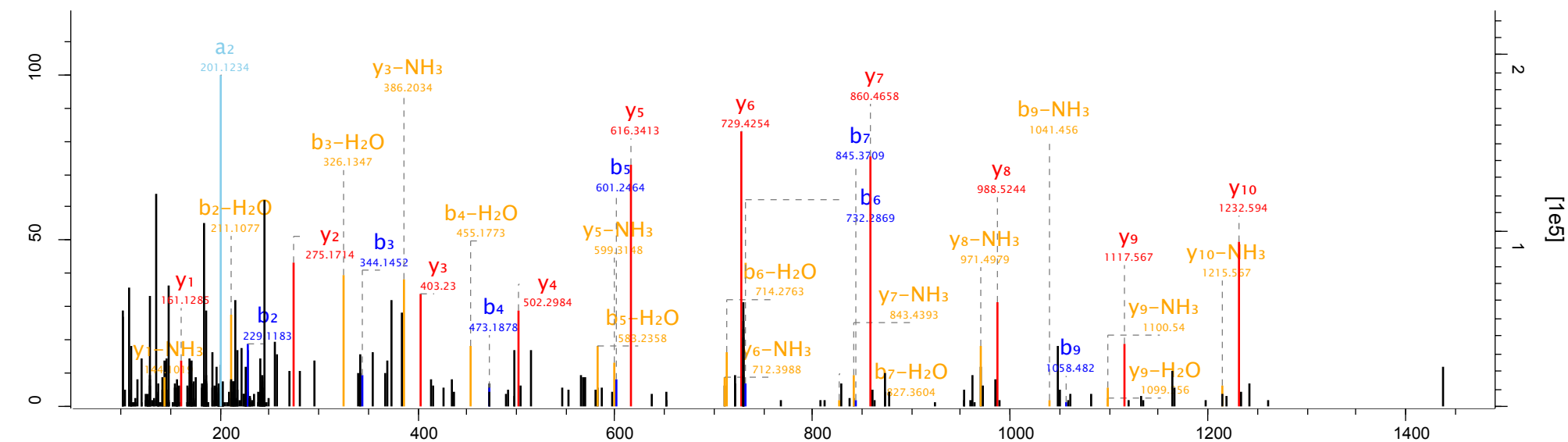
443.27



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	5029	FTMS; HCD	57.05	400.75	UBA1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	5103	FTMS; HCD	138.51	730.86	TUBB2B;TUBB2A;TUBB;TUBB4B



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

5132

Method

FTMS; HCD

Score

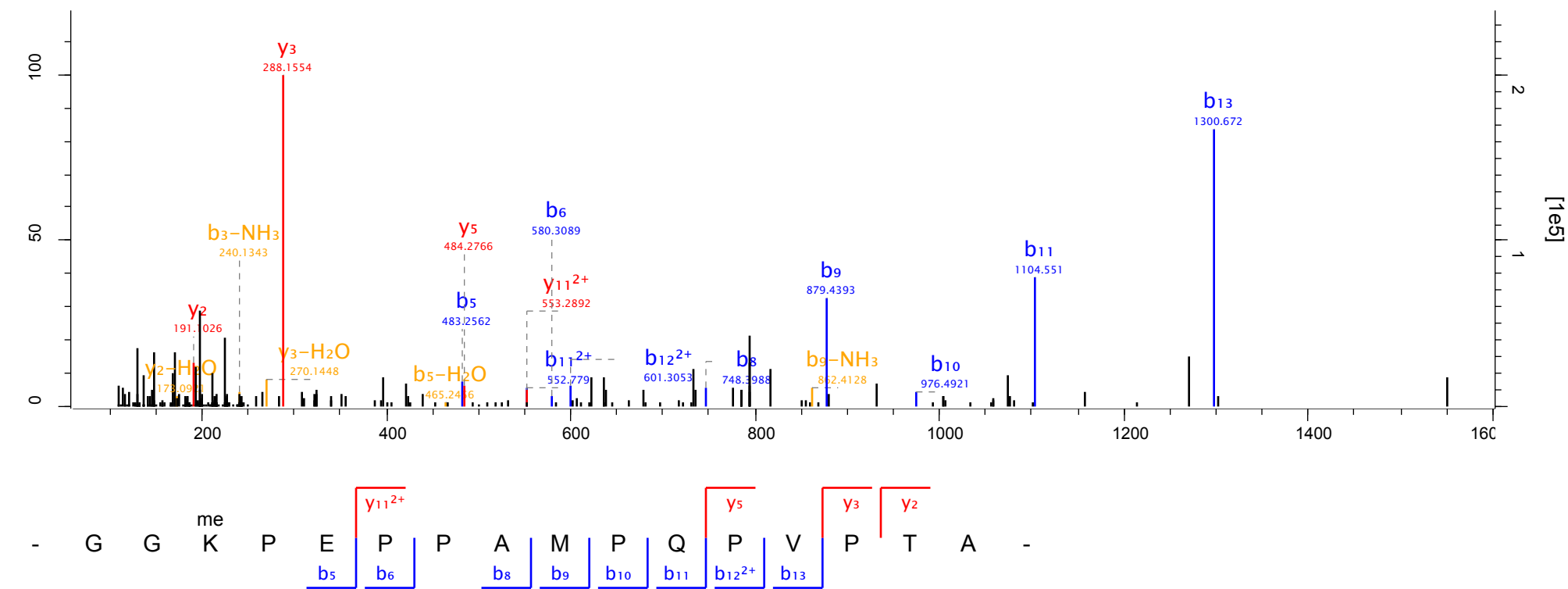
53.17

m/z

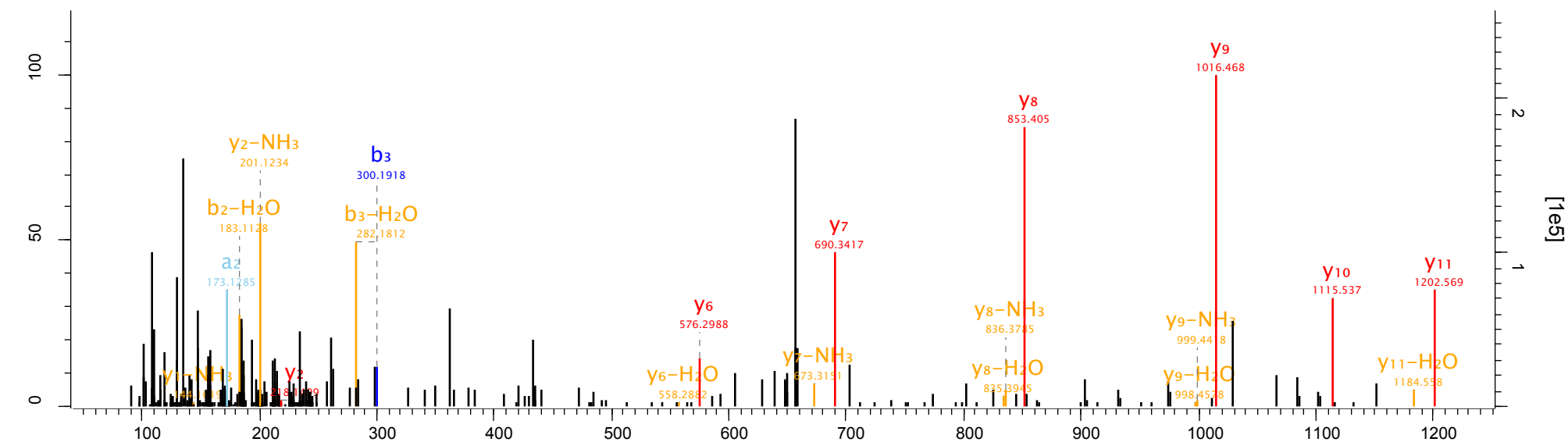
794.91

Gene names

RPS3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	5287	FTMS; HCD	64.12	658.33	TUBB

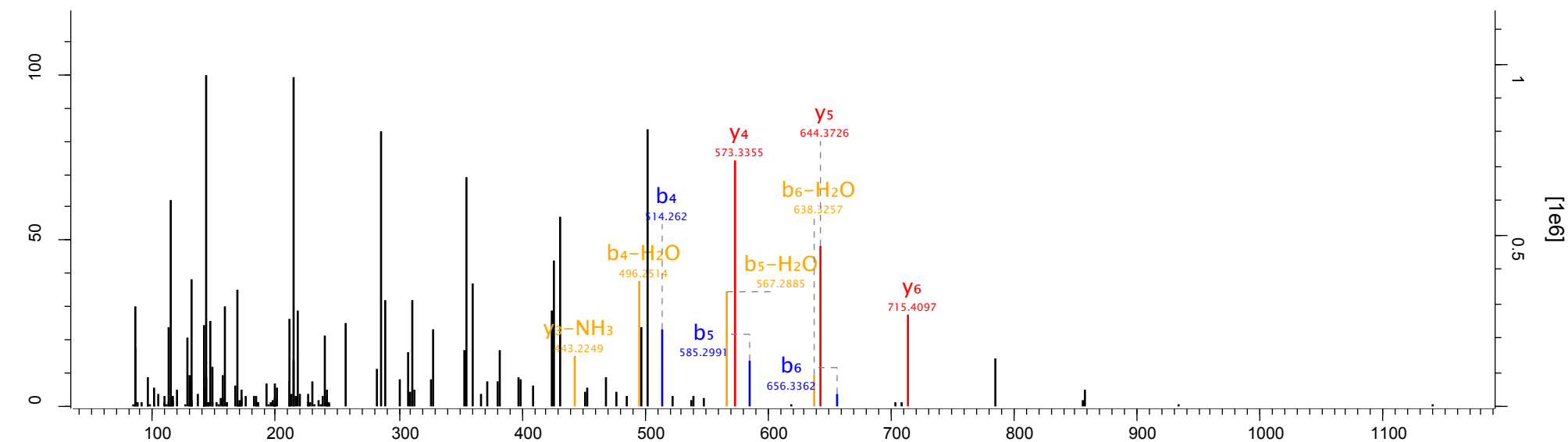


- I S V Y Y N E A T G G me K -

Peptide sequence: S V Y Y N E A T G G me K

Fragmentation sites: a2 (between S and V), b3 (between V and Y), y2 (between G and me), y6 (between E and A), y7 (between N and E), y8 (between Y and N), y9 (between Y and Y), y10 (between V and Y), y11 (between S and V).

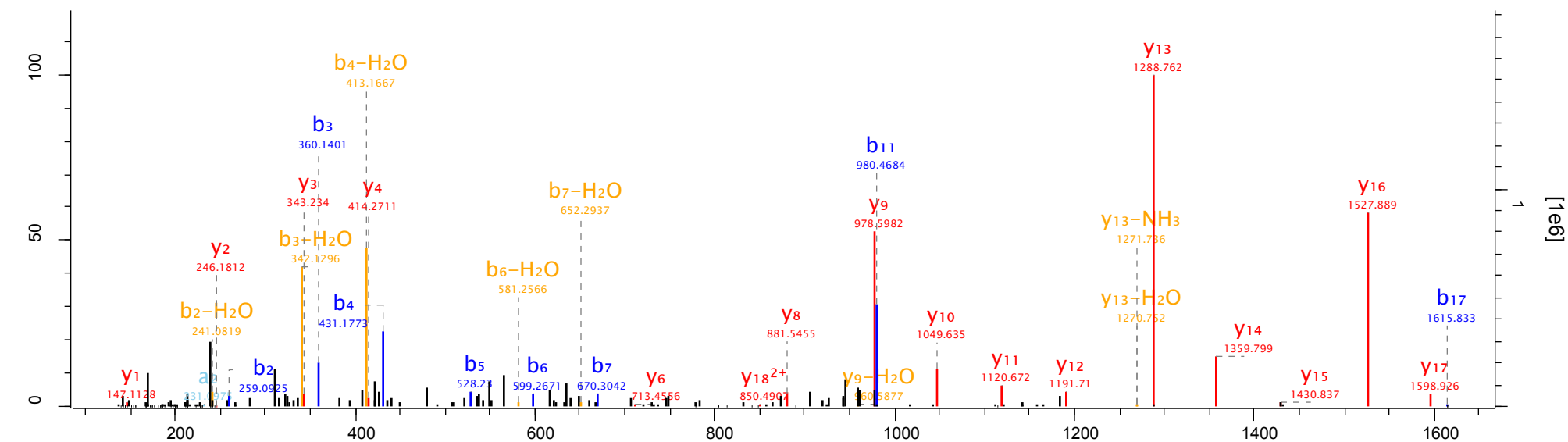
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	5369	FTMS; HCD	40.73	410.23	TRIM29



- E E V R A A L E Q di R -

b4
y6
b5
y5
b6
y4

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	5470	FTMS; HCD	84.95	980.03	HIST1H1C



ac

- S E T A P A A P A A A P P A E tr K A P V K -

b2 b3 b4 b5 b6 b7 b11 b17

y18²⁺ y17 y16 y15 y14 y13 y12 y11 y10 y9 y8 y6 y4 y3 y2 y1

Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

5698

Method

FTMS; HCD

Score

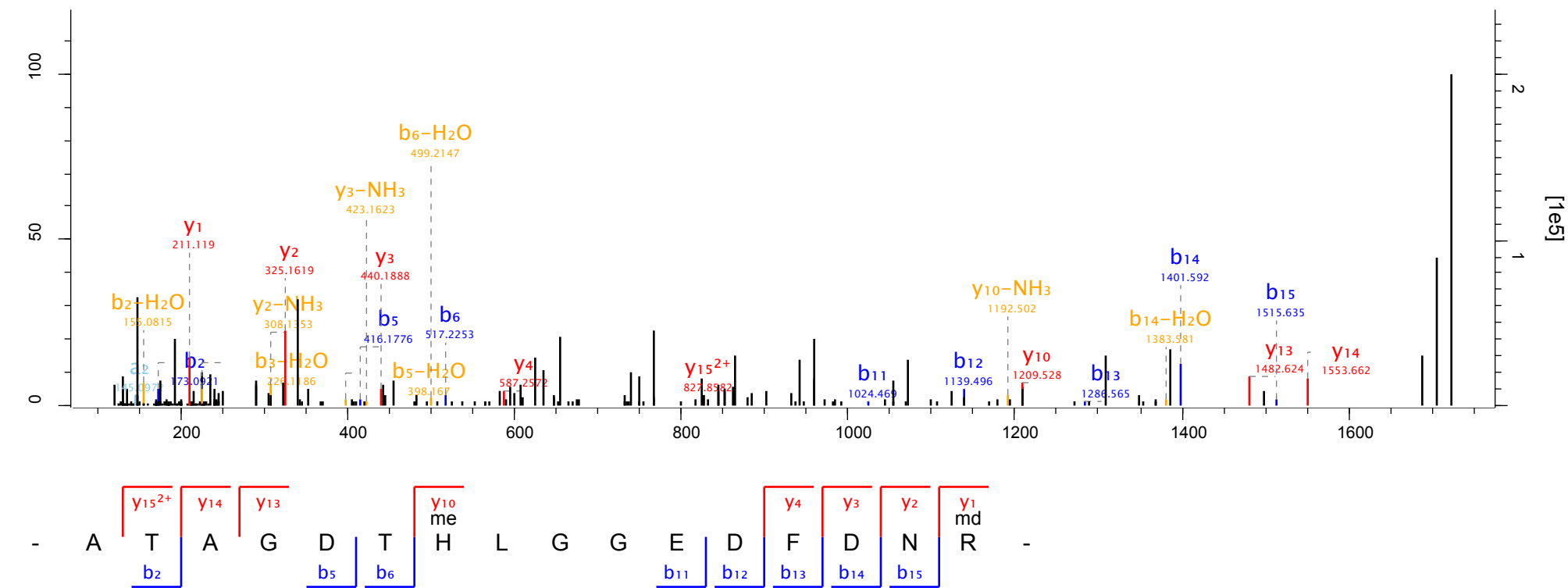
72.66

m/z

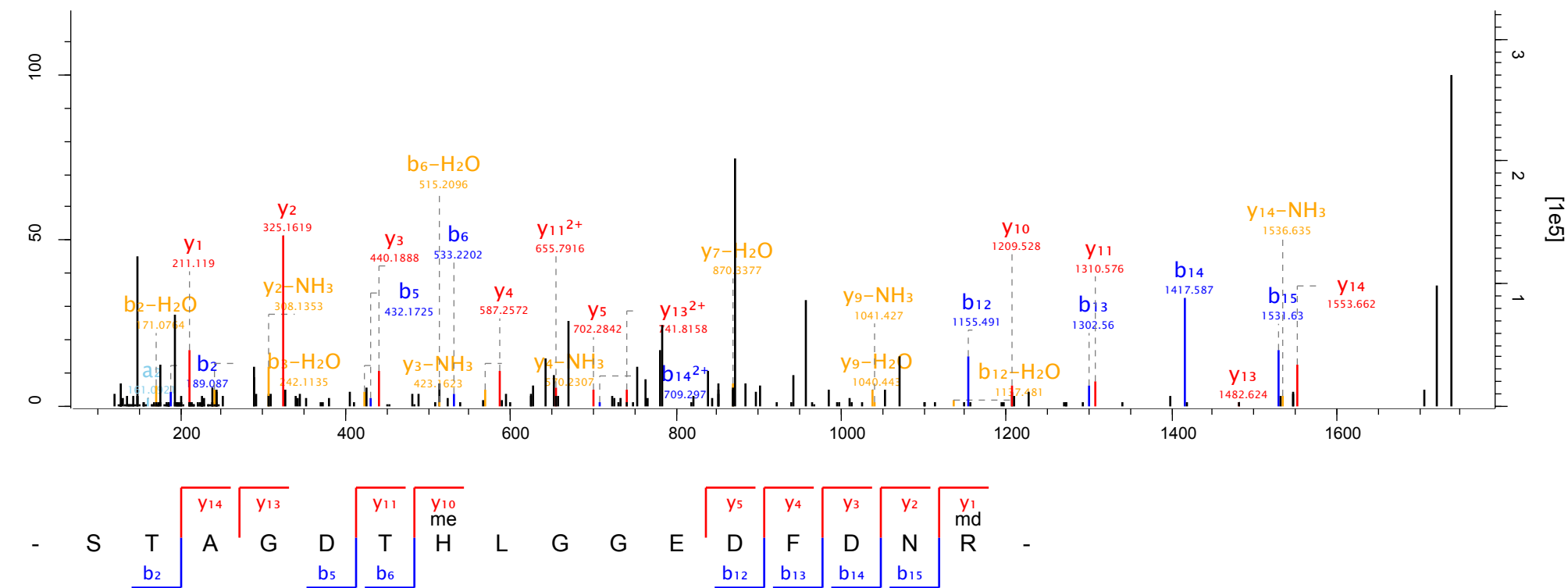
863.38

Gene names

HSPA1A;HSPA6;HSPA7



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	5708	FTMS; HCD	102.15	871.37	HSPA8;HSPA2



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

5745

Method

FTMS; HCD

Score

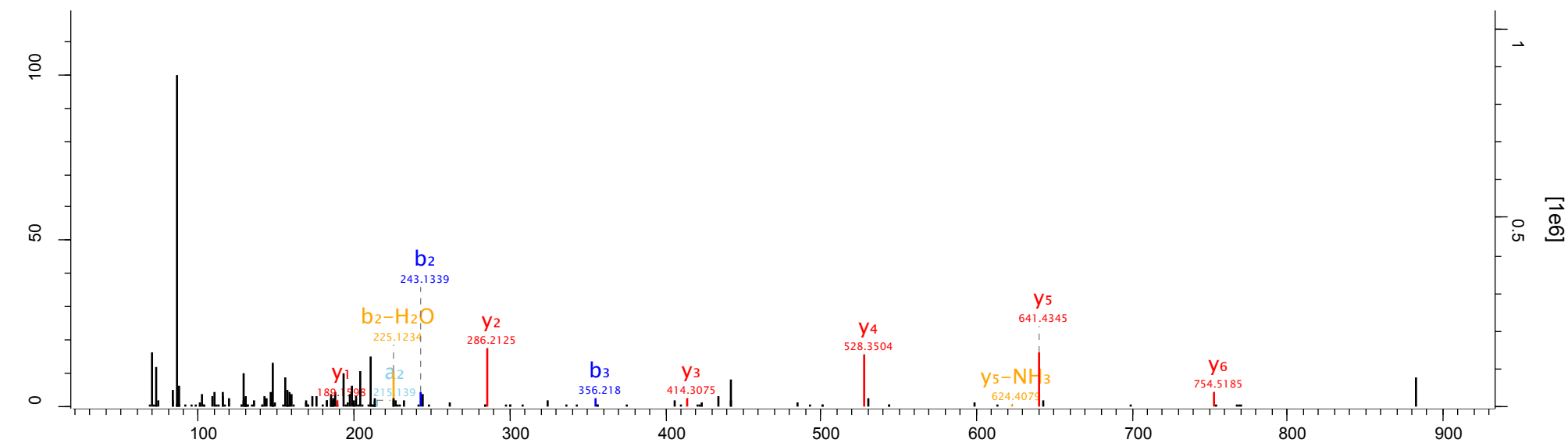
58.98

m/z

442.28

Gene names

SNRPD2



ac

-

S

y6

L

y5

L

y4

N

y3

K

y2

P

y1

tr

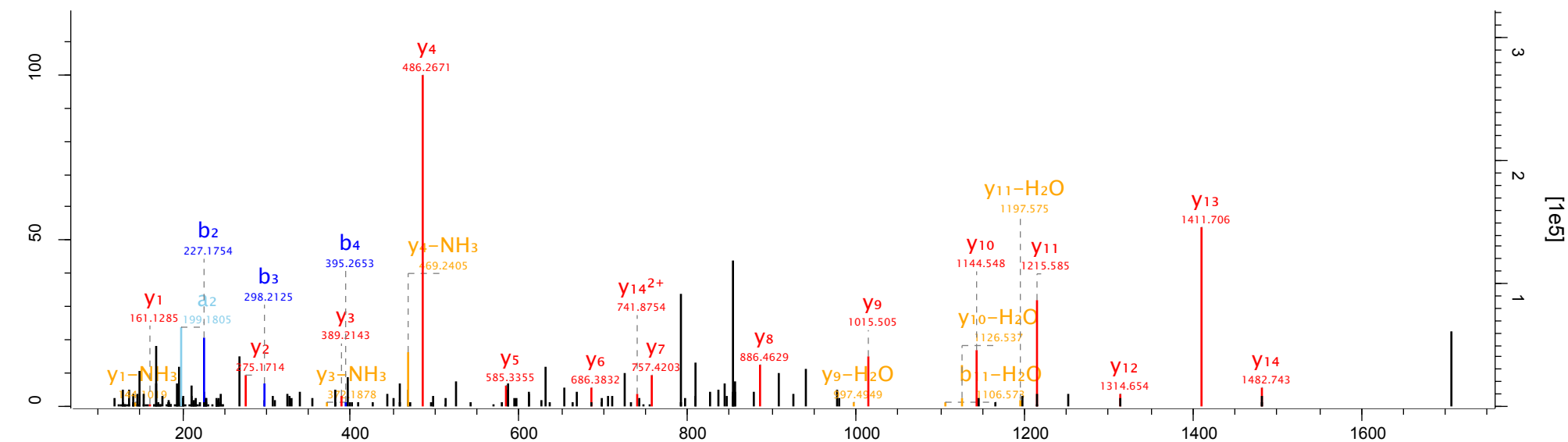
K

-

b2

b3

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	5948	FTMS; HCD	84.51	855.46	LDHB

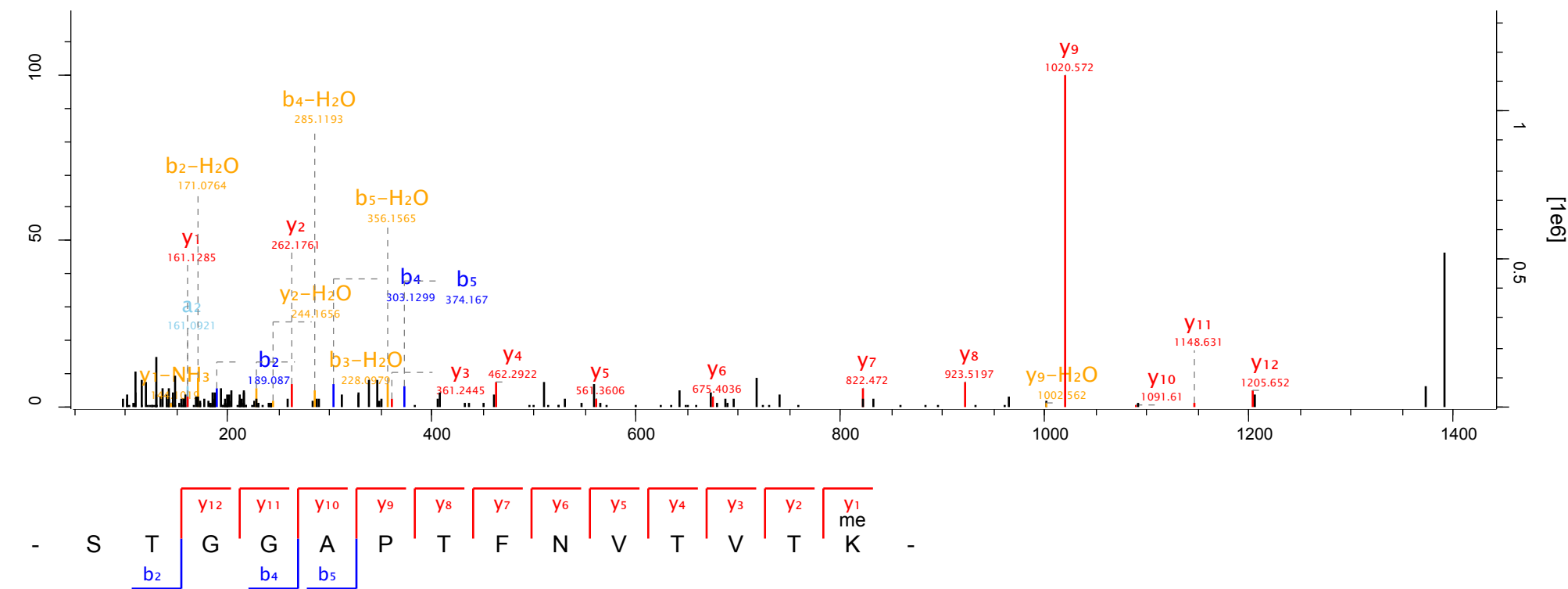


- L I A P V A E E E A T V P N N K -

b2 b3 b4

y14 y13 y12 y11 y10 y9 y8 y7 y6 y5 y4 y3 y2 y1 me

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	6118	FTMS; HCD	63.68	697.37	PFN1



Zhibin_20150831_MDAOPA_SCX_100mM

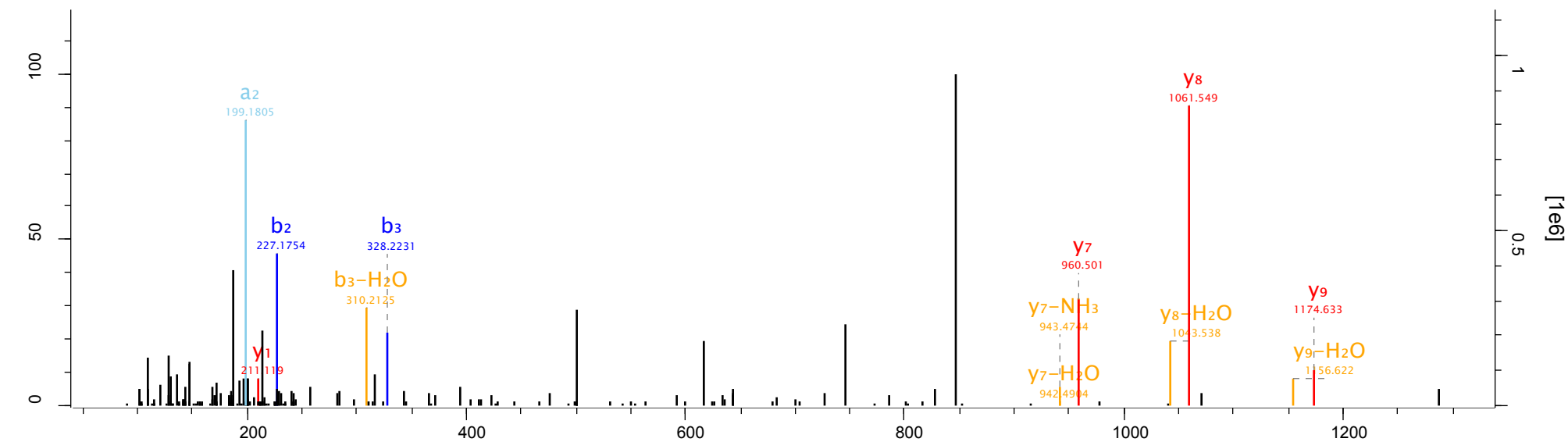
6212

FTMS; HCD

83.95

644.36

EIF5B



- L L T K S Q R E A R -

Fragmentation paths indicated by brackets:

- Red brackets: y₉ (L), y₈ (T), y₇ me (K), y₁ md (R)
- Blue brackets: b₂ (L), b₃ (T)

Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

6295

Method

FTMS; HCD

Score

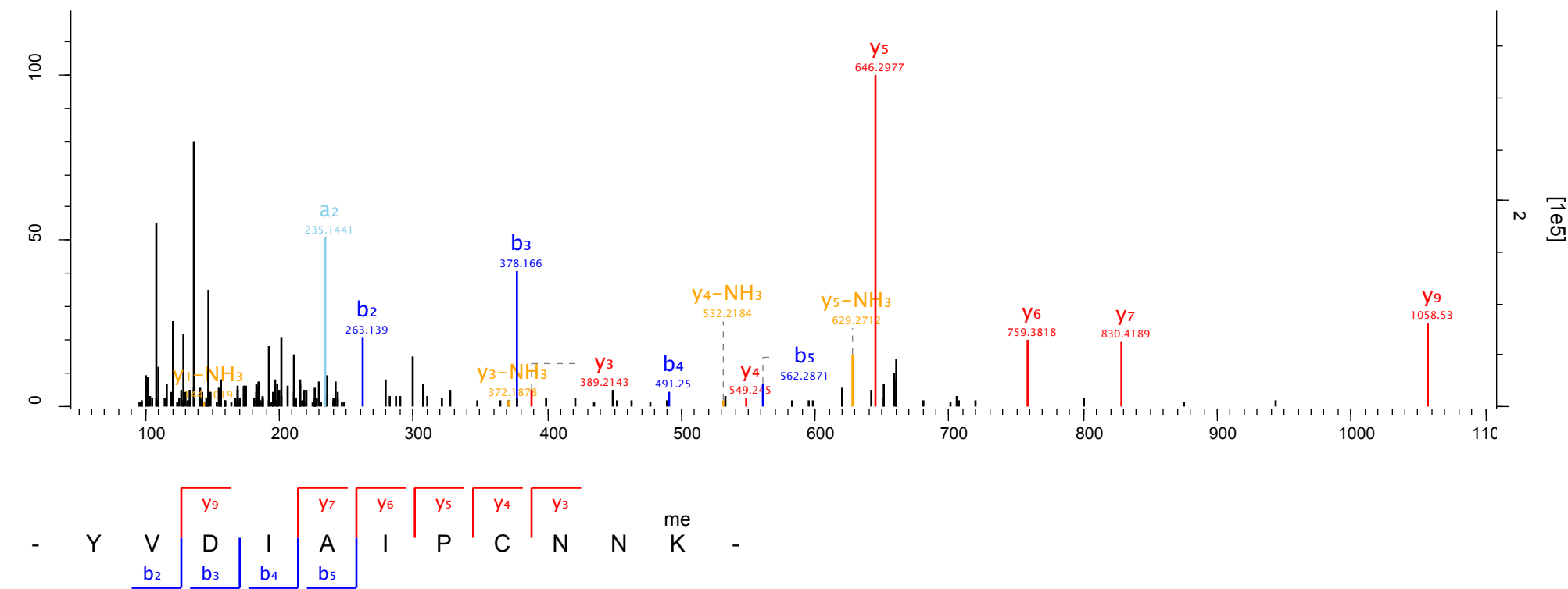
64.82

m/z

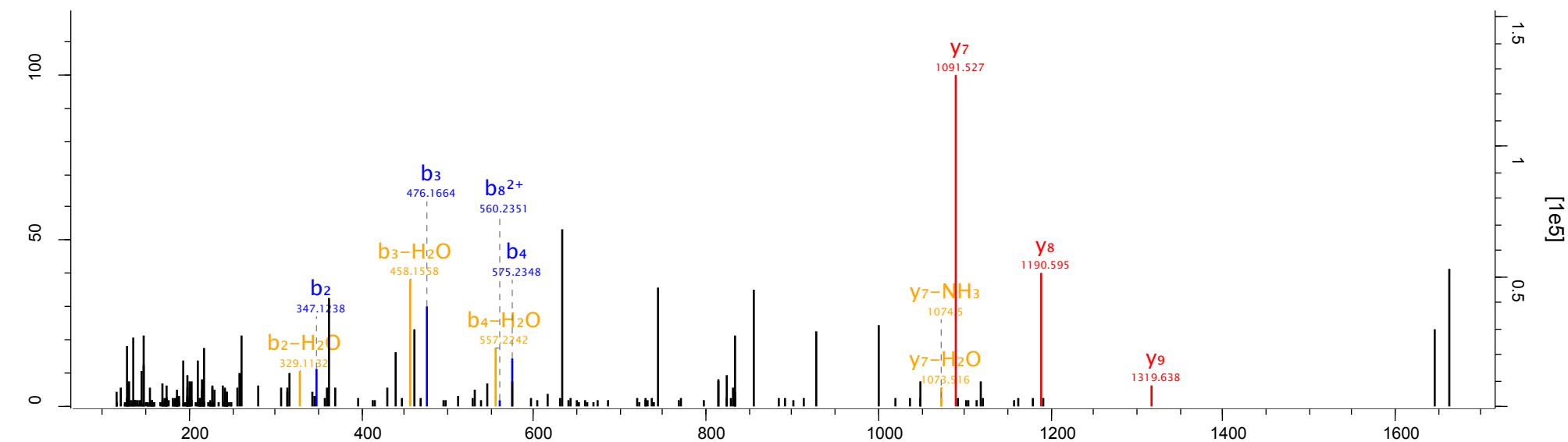
660.84

Gene names

RPSA;RPSAP58



Raw file	Scan	Method	Score	m/z
Zhibin_20150831_MDAOPA_SCX_100mM	6328	FTMS; HCD	56.4	833.89



op - T E E V G op K N E me R N op K -

b₂ b₃ b₄ b₈²⁺ y₉ y₈ y₇

Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

6395

Method

FTMS; HCD

Score

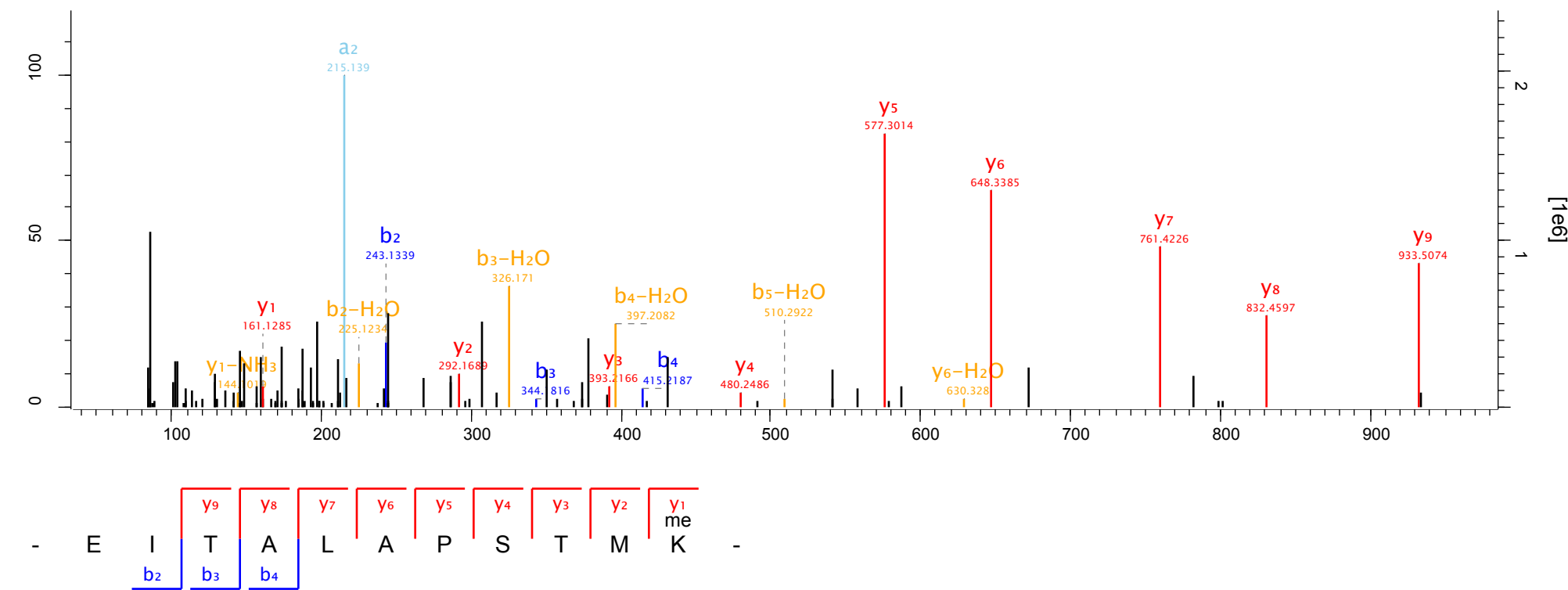
62.34

m/z

588.32

Gene names

ACTB;ACTA1;ACTC1;ACTG2;ACTA2;ACTG1



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

6647

Method

FTMS; HCD

Score

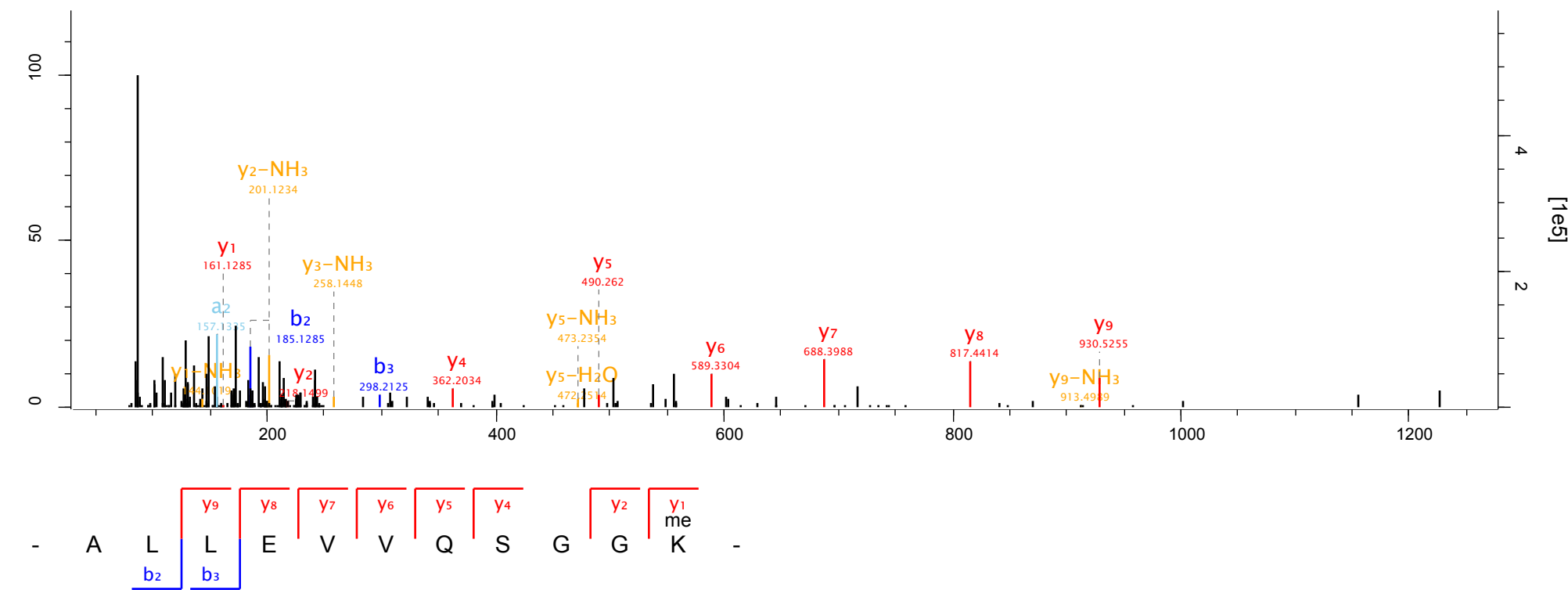
60.26

m/z

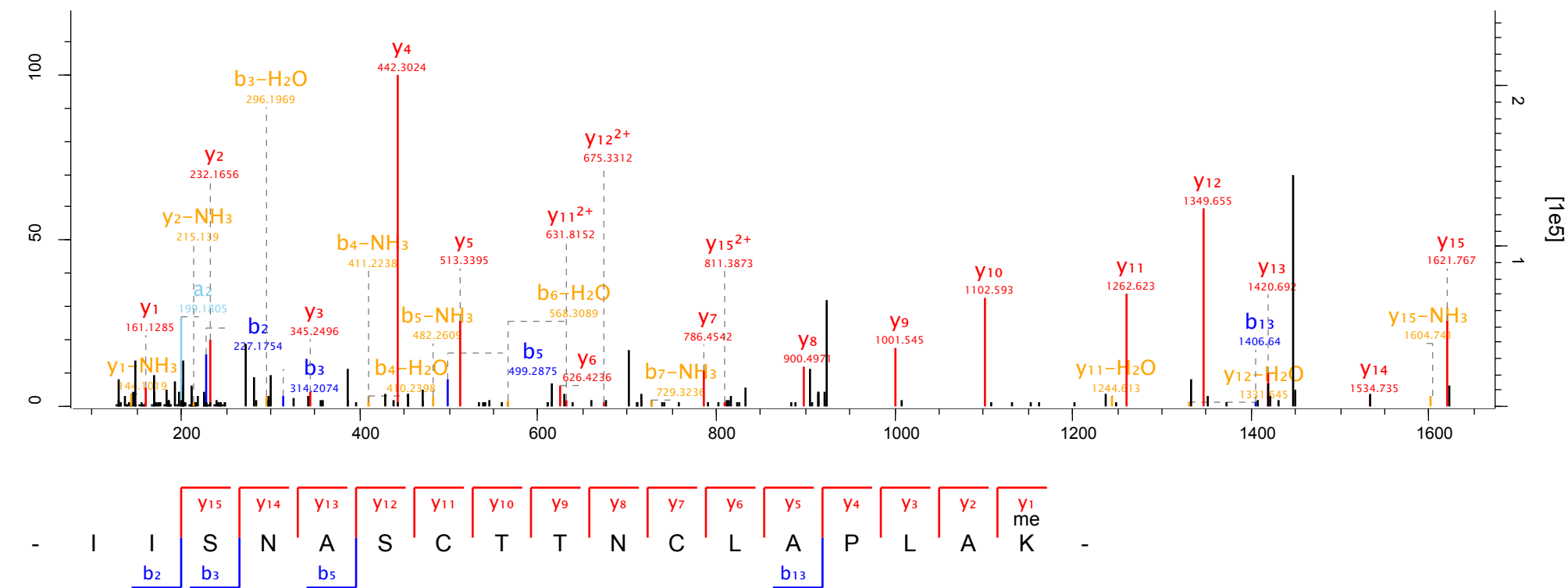
557.83

Gene names

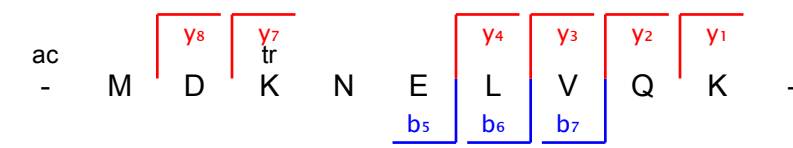
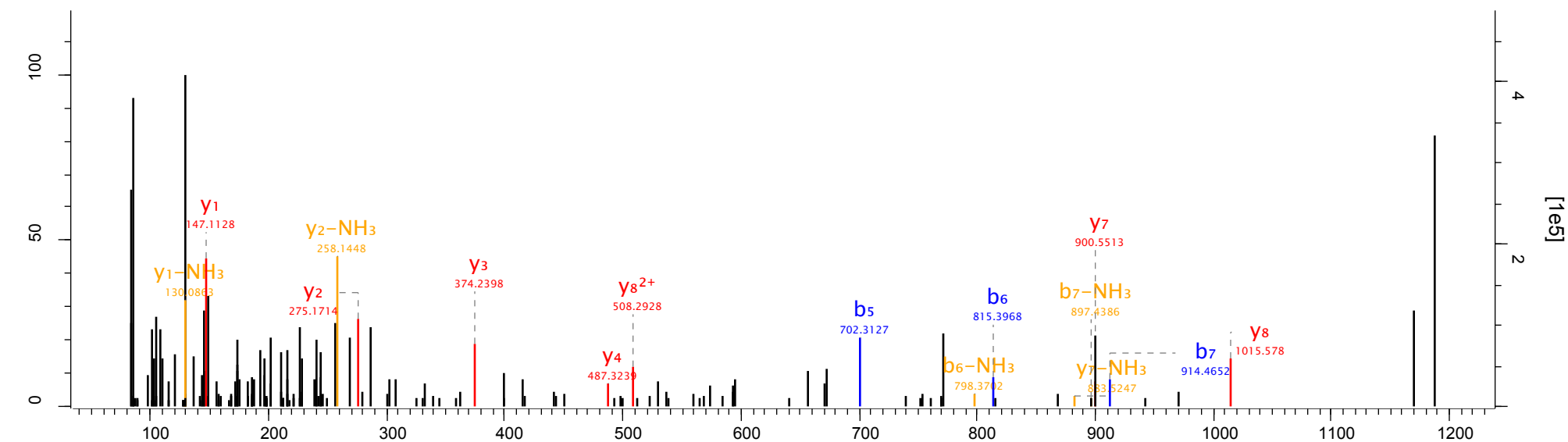
PSMA7;PSMA8



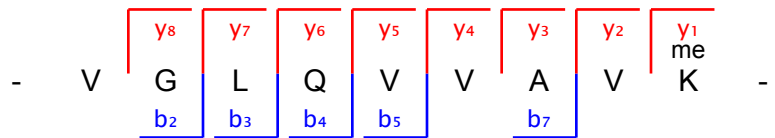
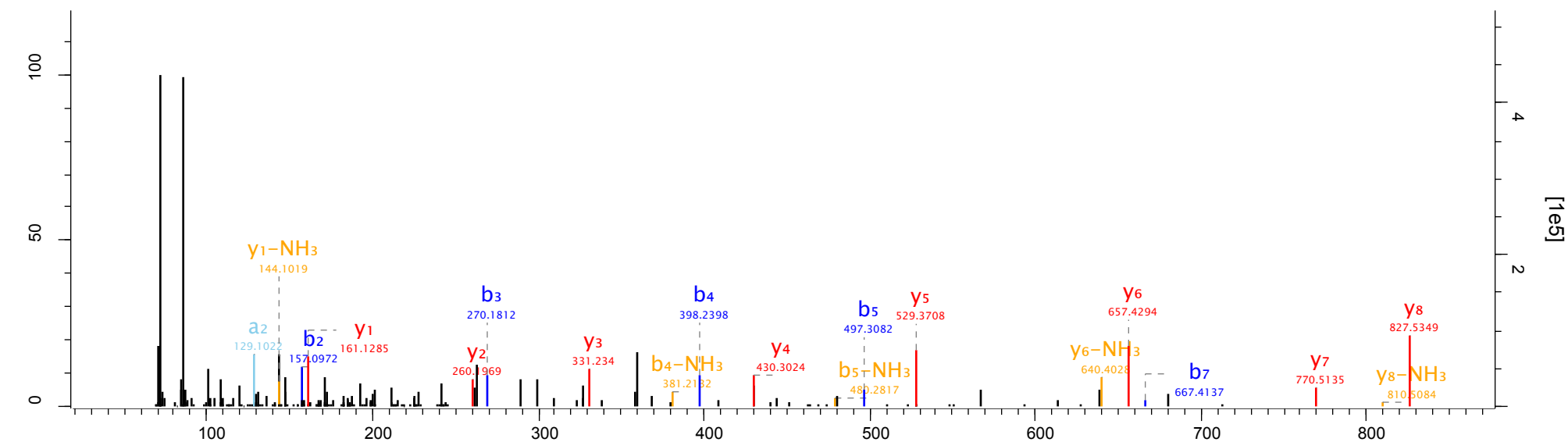
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	6712	FTMS; HCD	104.26	924.97	GAPDH



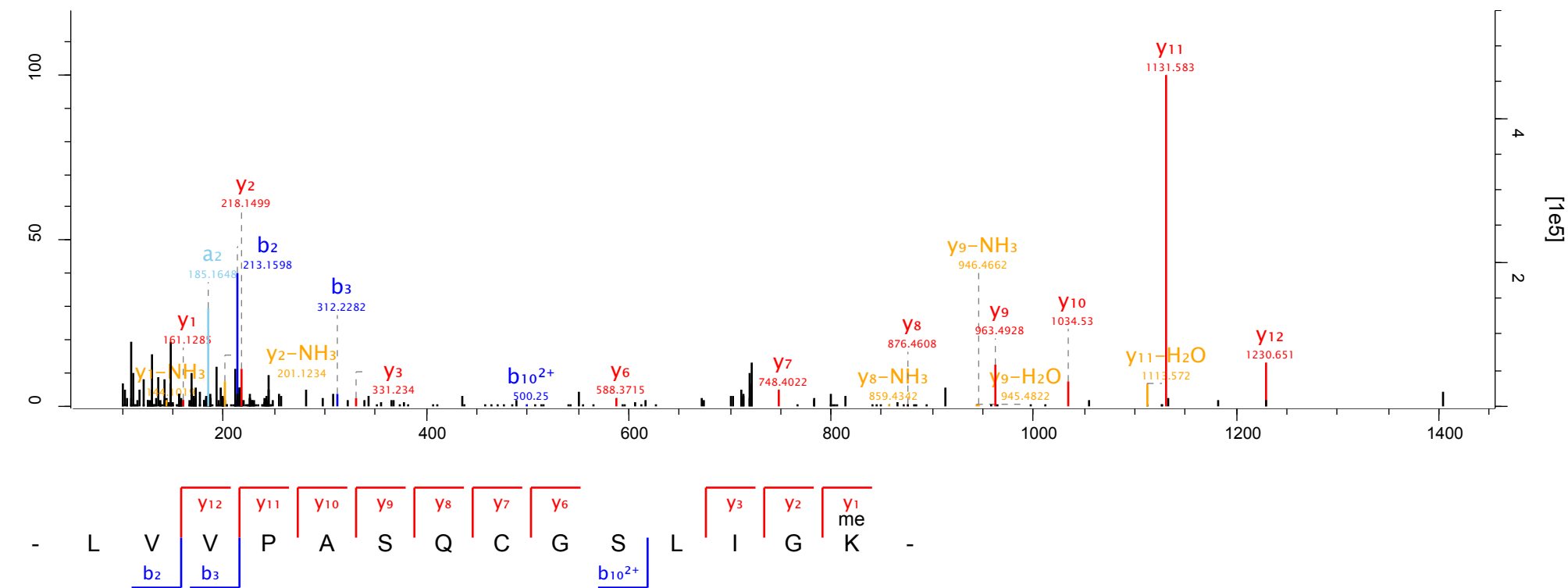
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	6762	FTMS; HCD	91.09	594.82	YWHAZ



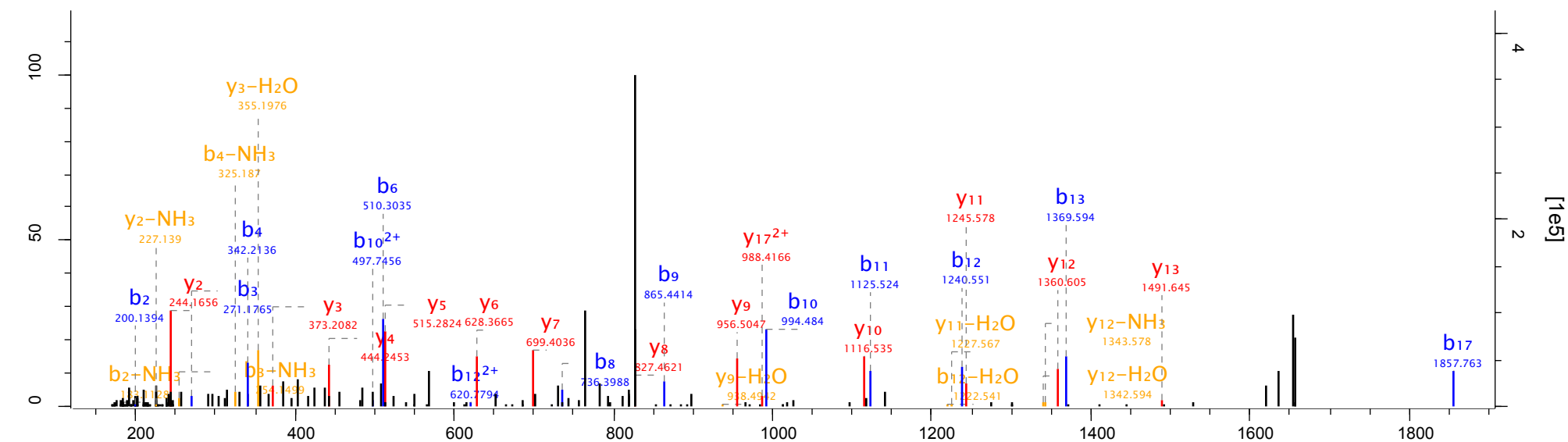
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	6819	FTMS; HCD	112.41	463.8	HSPD1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	7145	FTMS; HCD	58.27	721.91	PCBP2;PCBP3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	7191	FTMS; HCD	102.21	829.38	EEF1G

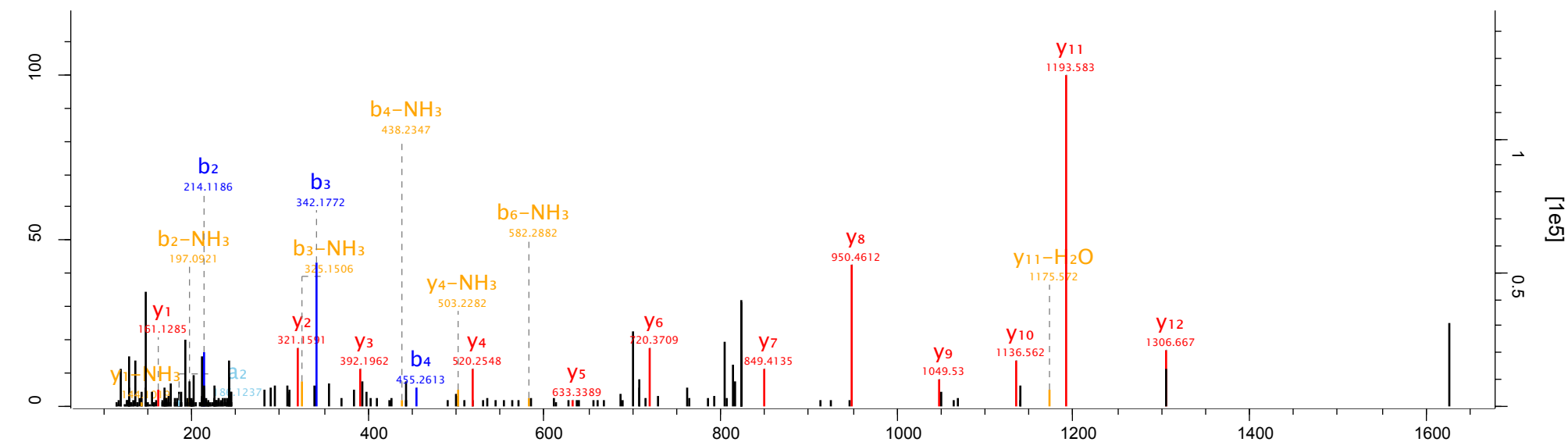


Sequence: - K A A A P A P E E E M D E C E Q A L A A E P K -

Fragmentation mapping (b and y ions):

- b2: A
- b3: A
- b4: A
- b6: A
- b8: E
- b9: E
- b10: E
- b11: M
- b12: D
- b13: E
- b17: A
- y2: P
- y3: E
- y4: A
- y5: A
- y6: L
- y7: A
- y8: Q
- y9: E
- y10: C
- y11: E
- y12: D
- y13: M
- y17²⁺: P

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	7210	FTMS; HCD	71.98	824.42	ENO1



Sequence: - V N Q I G S V T E S L Q A C K -

Fragmentation regions (b and y ions):

- b₂: N
- b₃: Q
- b₄: I
- y₁: K
- y₂: C
- y₃: A
- y₄: Q
- y₅: L
- y₆: S
- y₇: E
- y₈: T
- y₉: V
- y₁₀: S
- y₁₁: G
- y₁₂: I

Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

7258

Method

FTMS; HCD

Score

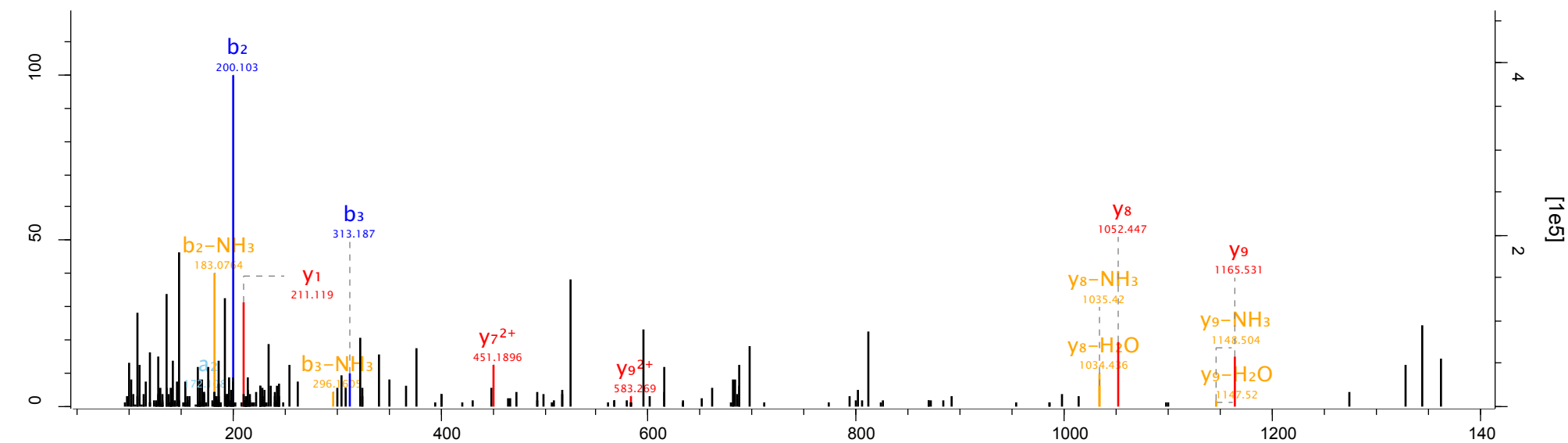
68.66

m/z

682.81

Gene names

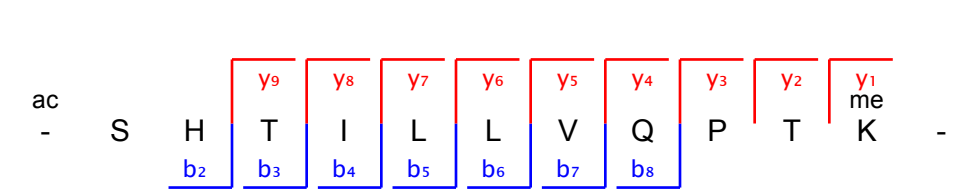
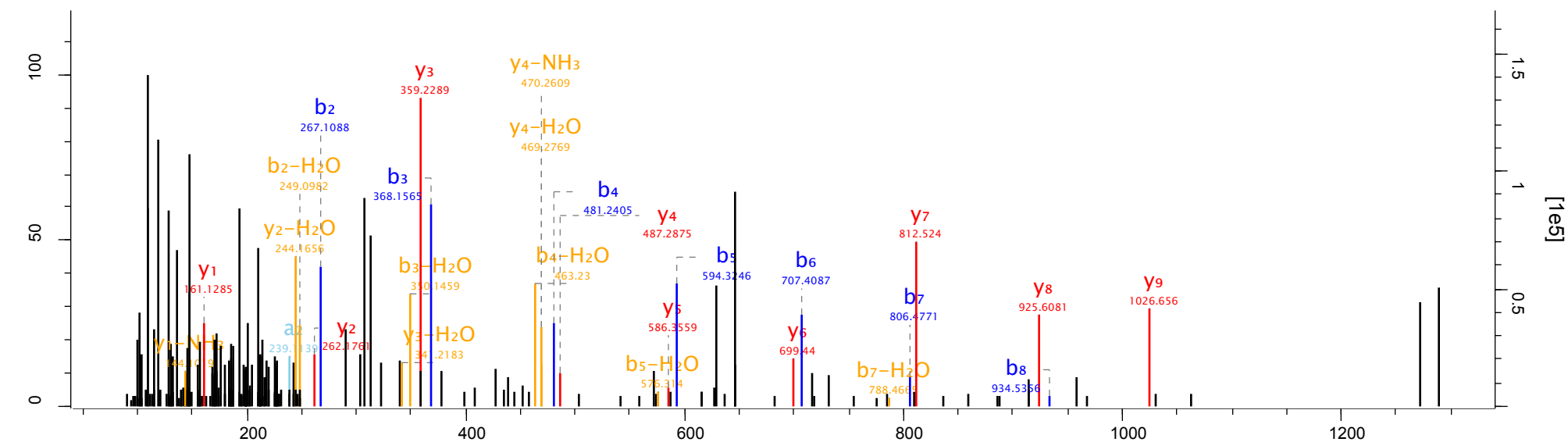
ALPL



- Q A L H E A V E ox M D R -

Fragmentation labels: b₂, b₃, y₉, y₈me, y₇²⁺, y₁md

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	7319	FTMS; HCD	100.38	646.88	ERH



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_100mM

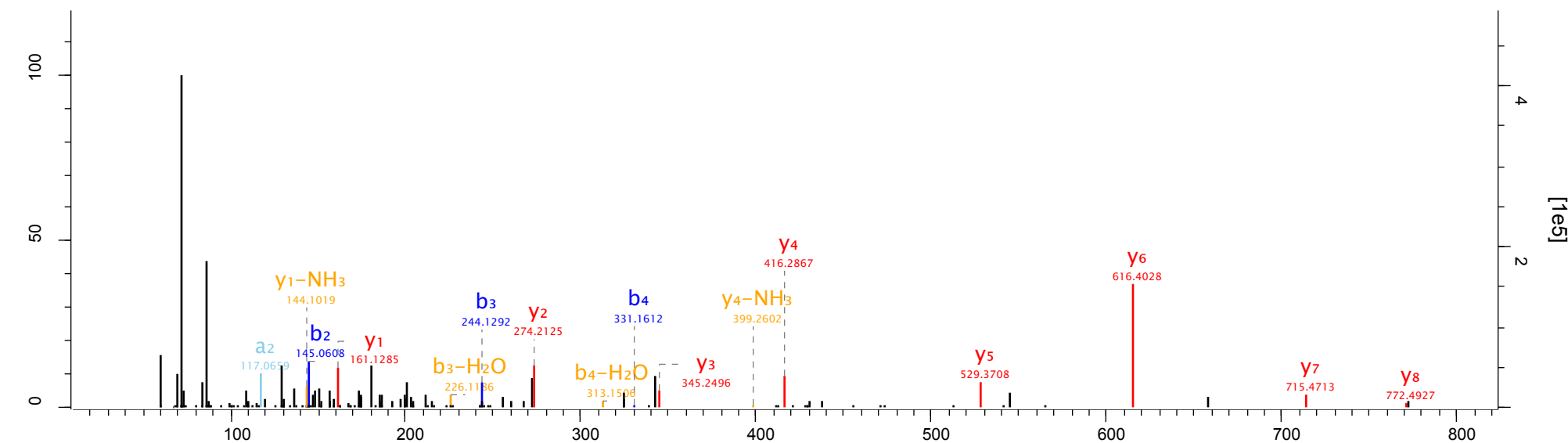
7459

FTMS; HCD

69.91

430.27

HIST1H1C;HIST1H1E;HIST1H1D

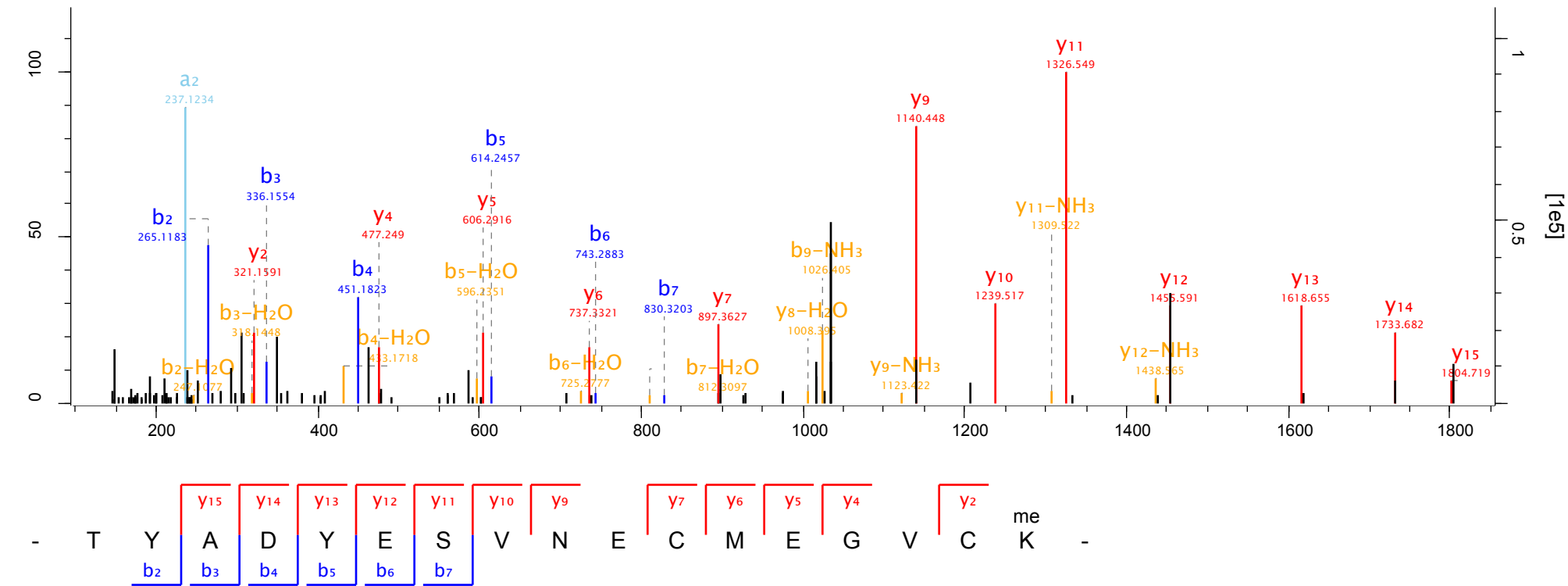


- S - G V S L A A L K -

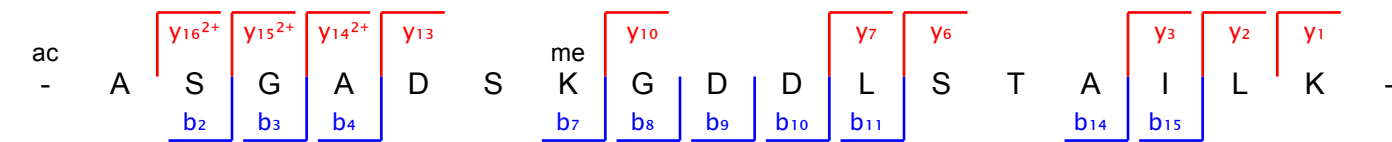
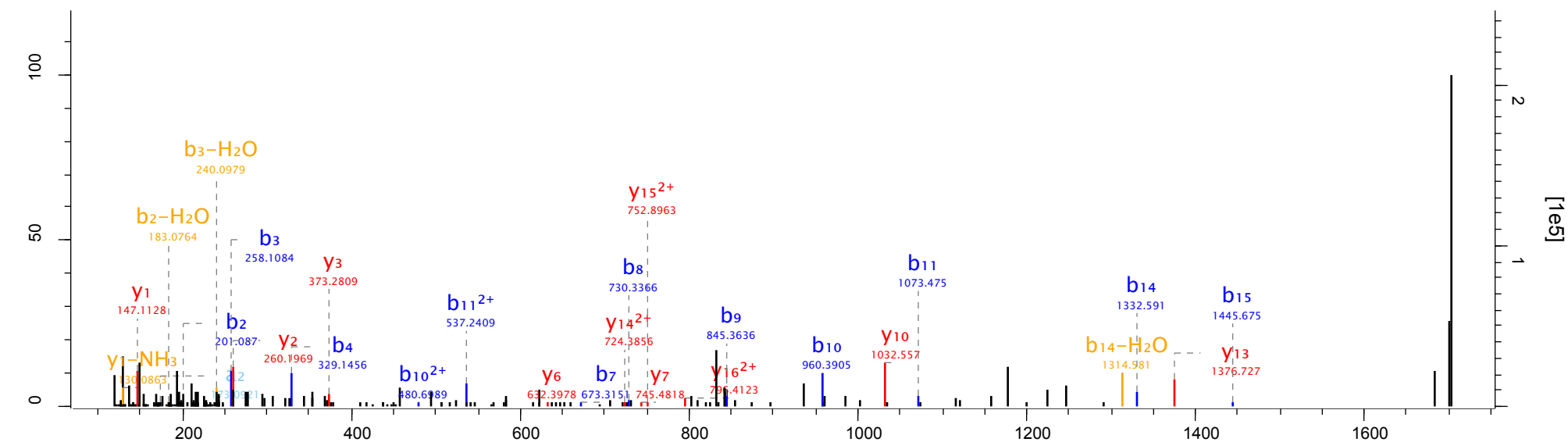
b2 b3 b4

y8 y7 y6 y5 y4 y3 y2 y1 me

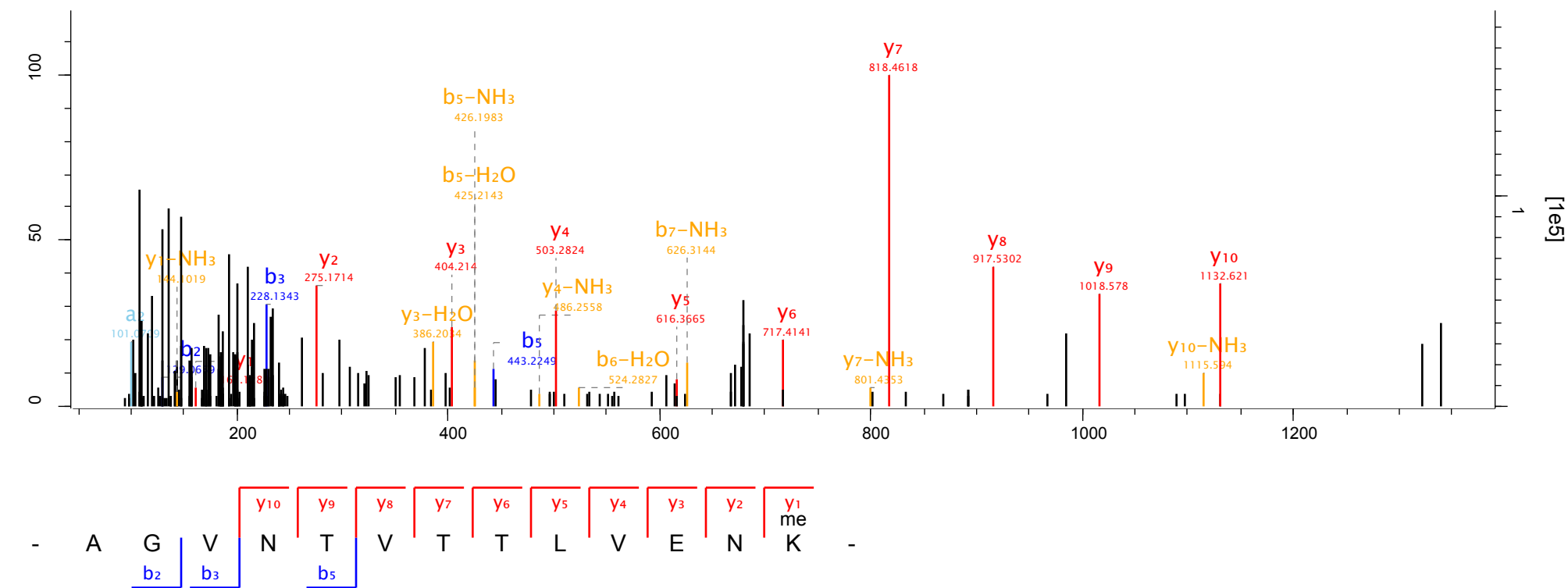
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	7463	FTMS; HCD	144.73	1035.42	ERH



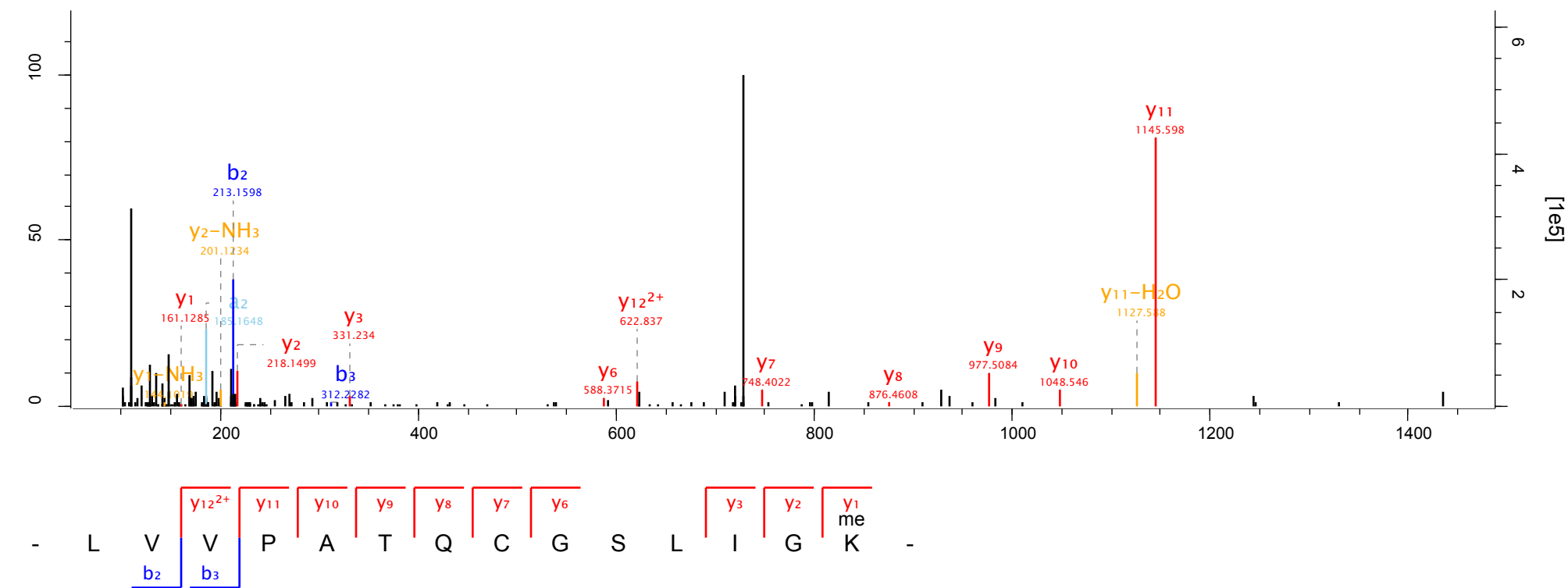
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	7588	FTMS; HCD	77.51	852.94	VCP



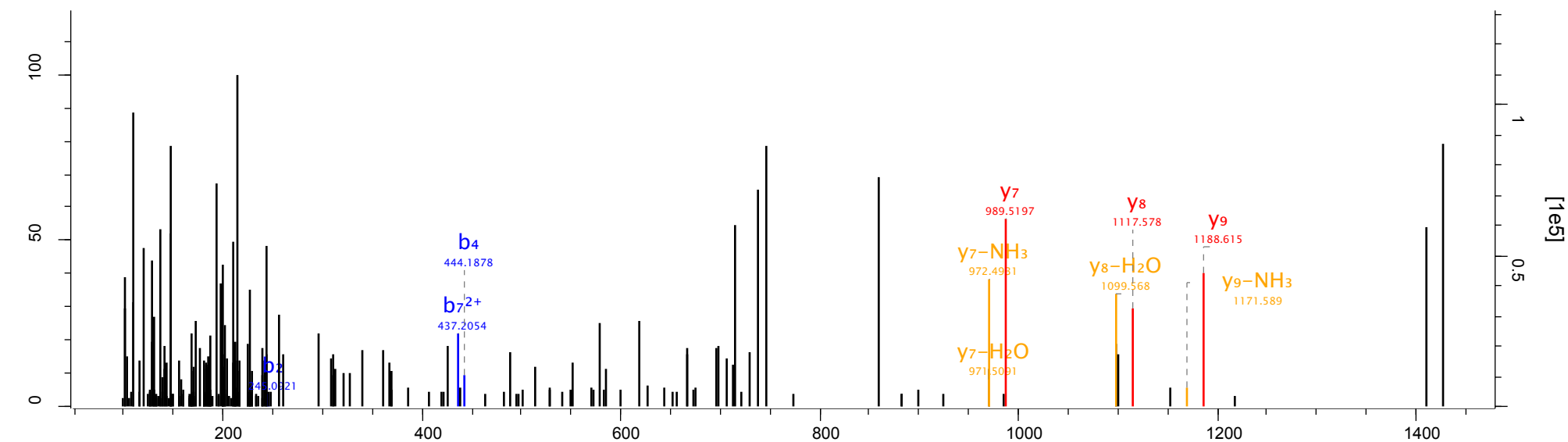
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	7596	FTMS; HCD	82.07	680.38	RPL7A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	7739	FTMS; HCD	73.93	728.91	PCBP1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	7790	FTMS; HCD	41.7	715.87	MIR1199

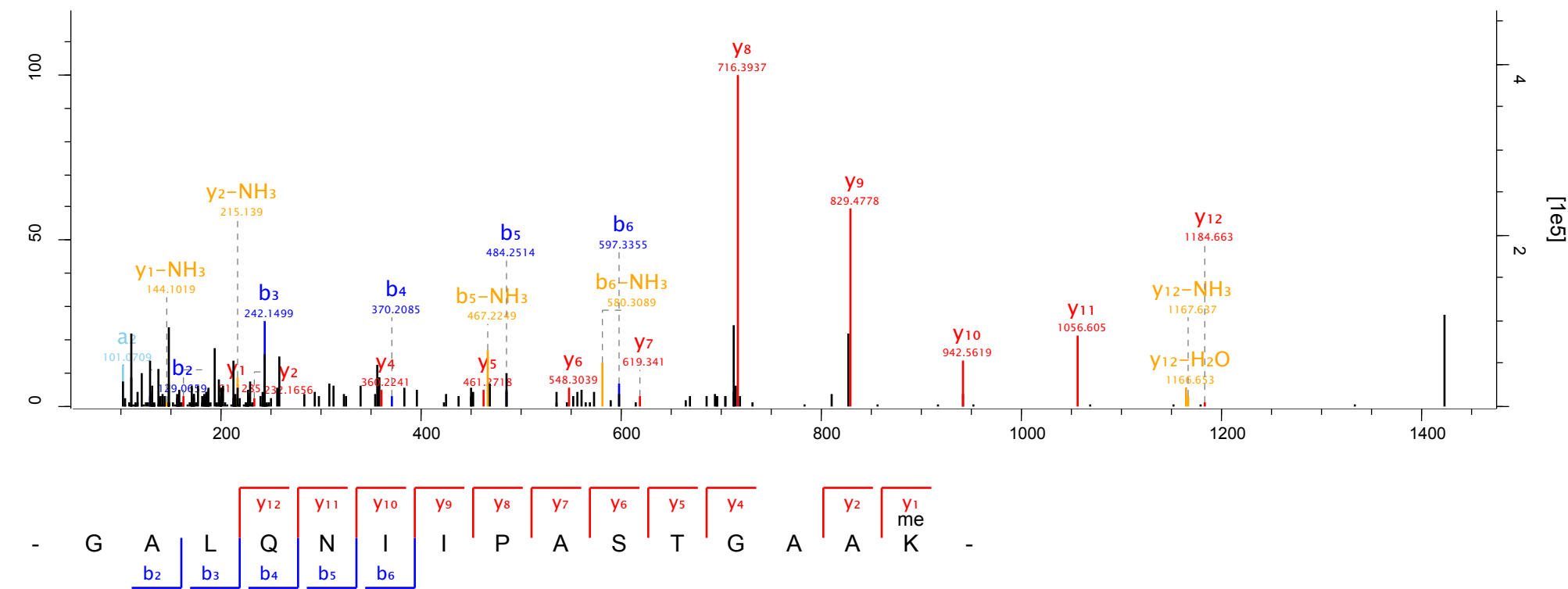


op
- A G A Q M Q me R D I E di R -

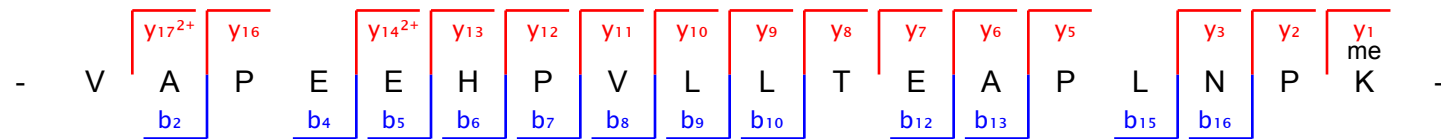
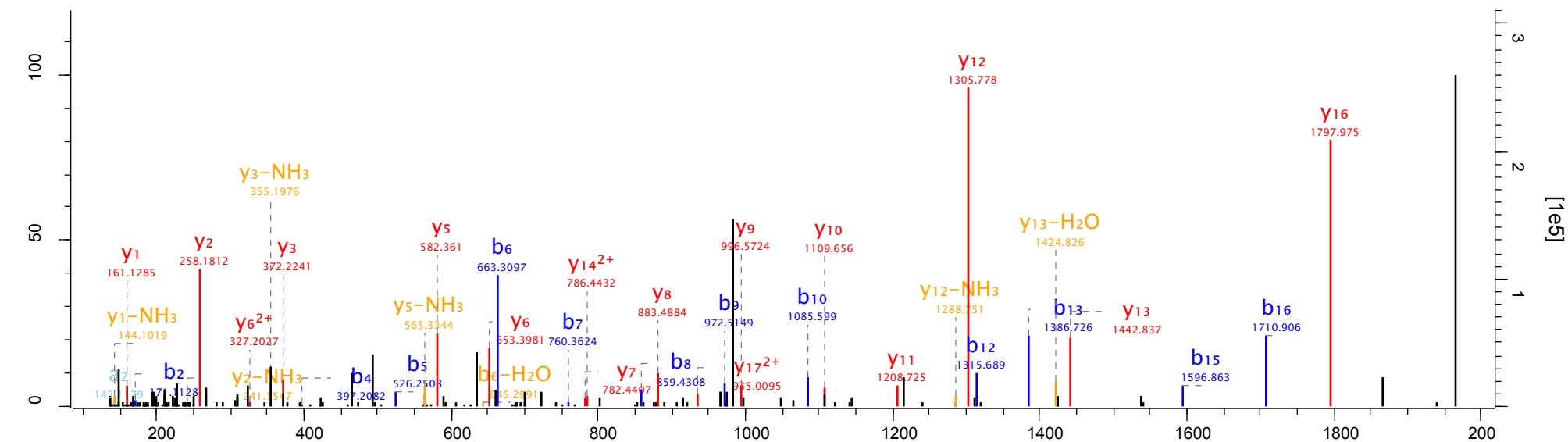
b₂ b₄ b₇²⁺ y₉ y₈ y₇

Gene names

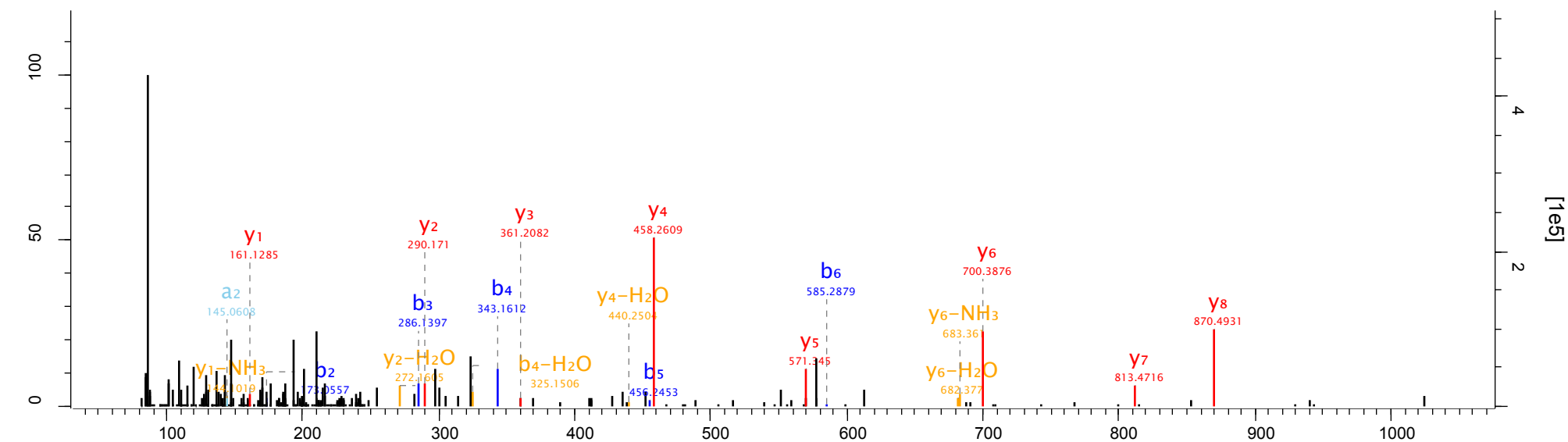
GAPDH



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	8031	FTMS; HCD	168.69	985.05	ACTB;ACTG1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	8068	FTMS; HCD	42.46	578.77	PKM;PKLR;PKM2

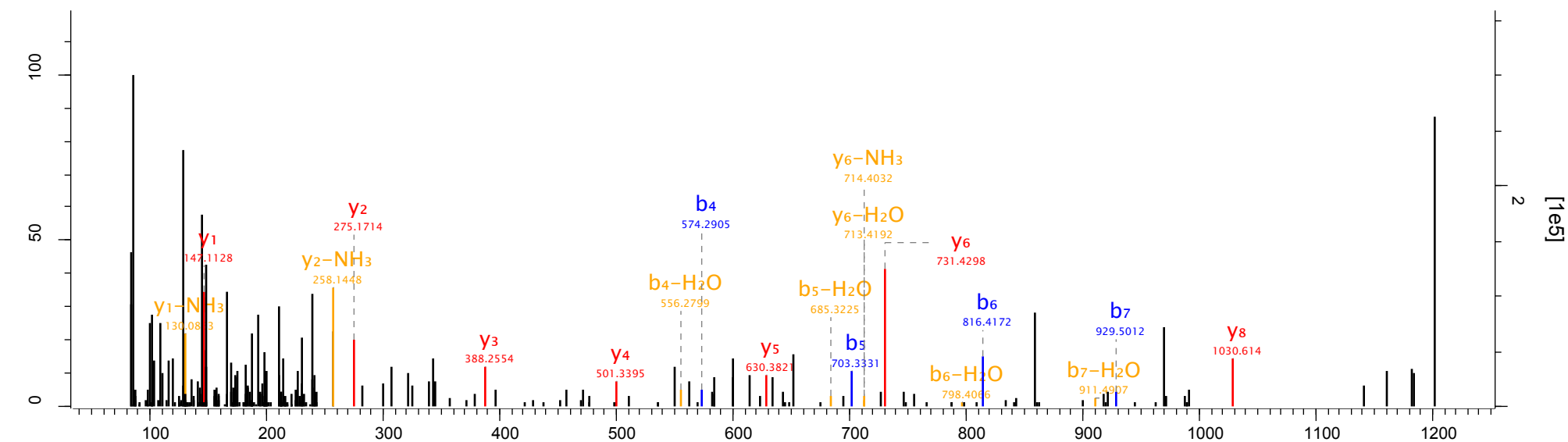


- G D L G I E I P A E K -

b₂ b₃ b₄ b₅ b₆

y₈ y₇ y₆ y₅ y₄ y₃ y₂ y₁ me

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	8331	FTMS; HCD	78.93	602.34	YWHAQ



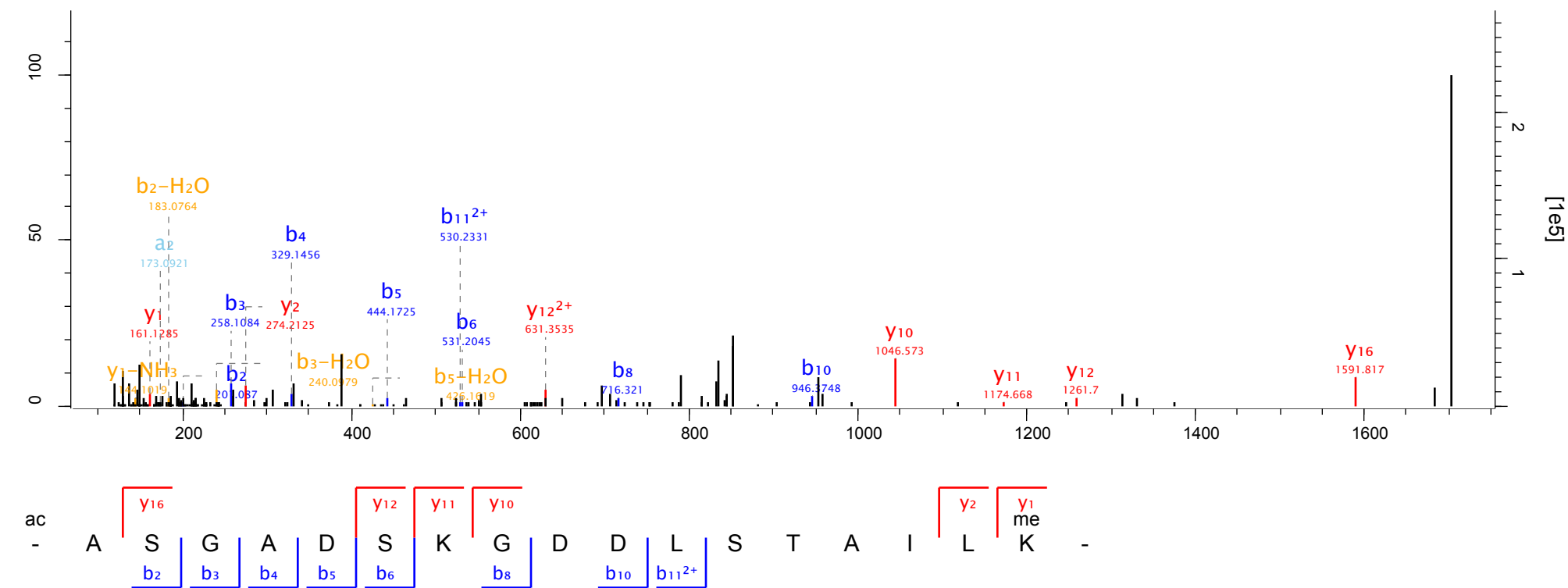
ac - M E tr K T E L I Q K -

Peptide sequence: M E tr K T E L I Q K -

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

- b4 (under T)
- b5 (under E)
- b6 (under L)
- b7 (under I)
- y1 (under K)
- y2 (under Q)
- y3 (under I)
- y4 (under L)
- y5 (under E)
- y6 (under T)
- y8 (under E)

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	8373	FTMS; HCD	40.01	853.44	VCP



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_100mM

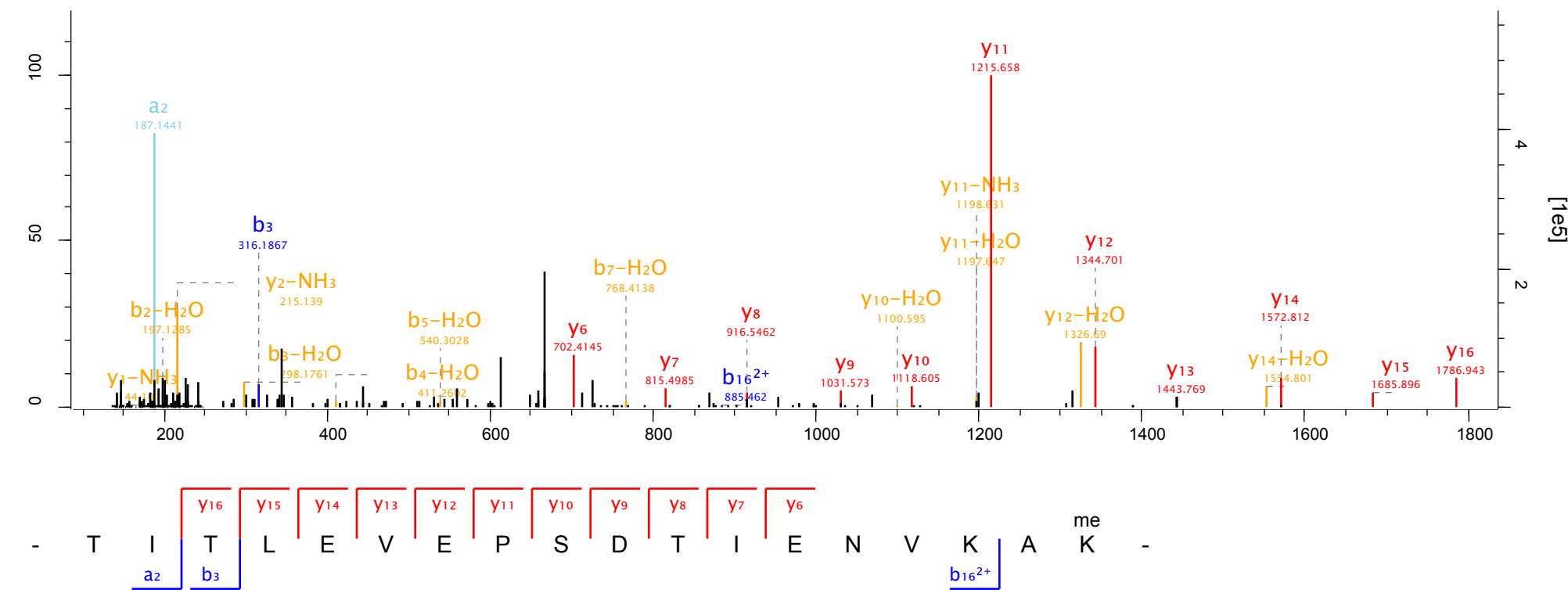
8398

FTMS; HCD

84.65

668.03

RPS27A;UBB;UBC;UBA52;UBBP4



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

8487

Method

FTMS; HCD

Score

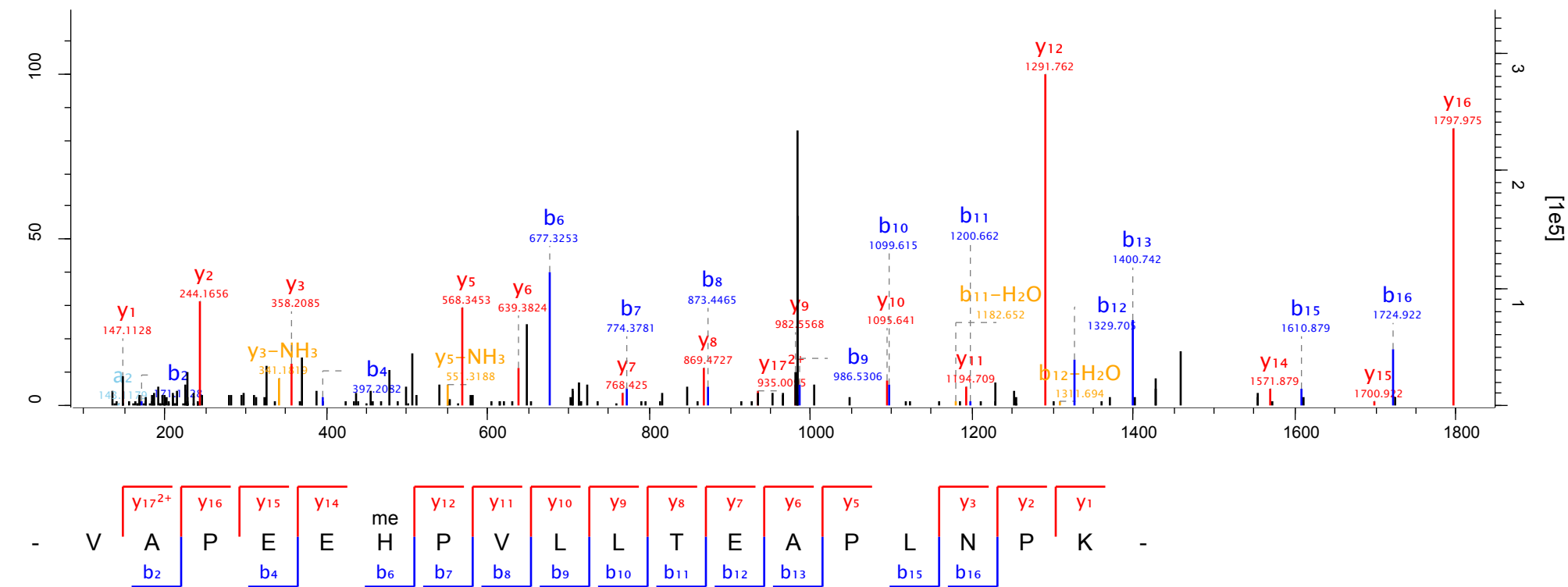
114.21

m/z

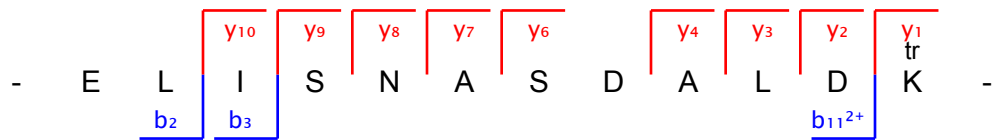
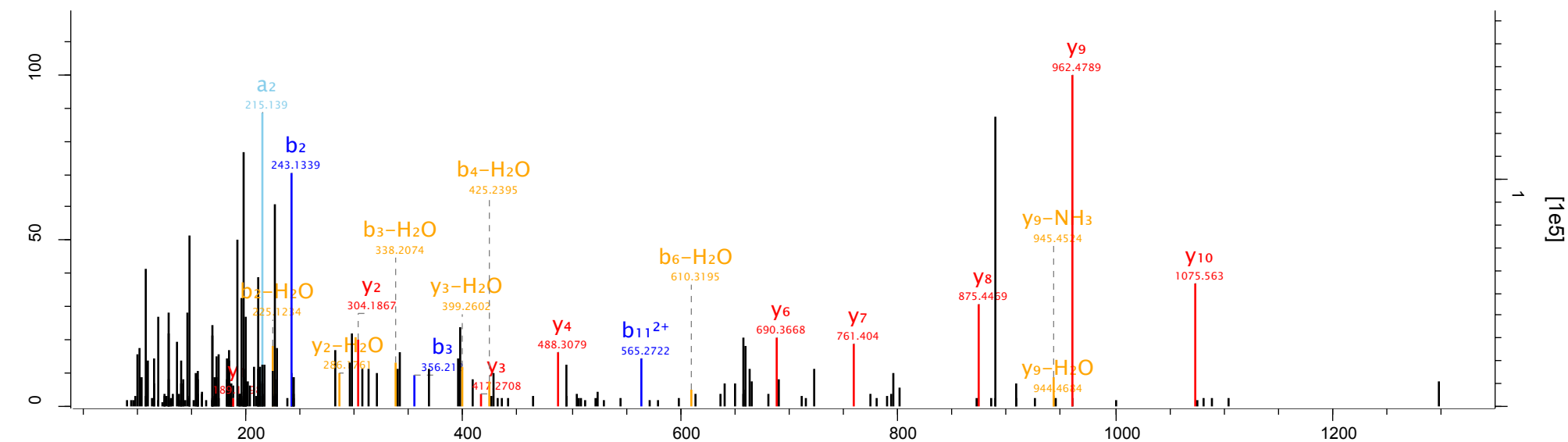
984.54

Gene names

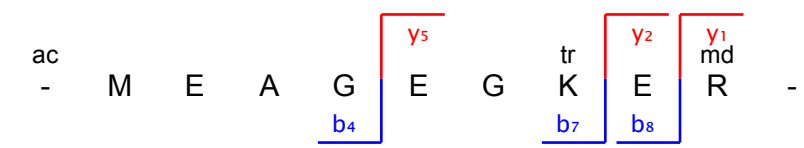
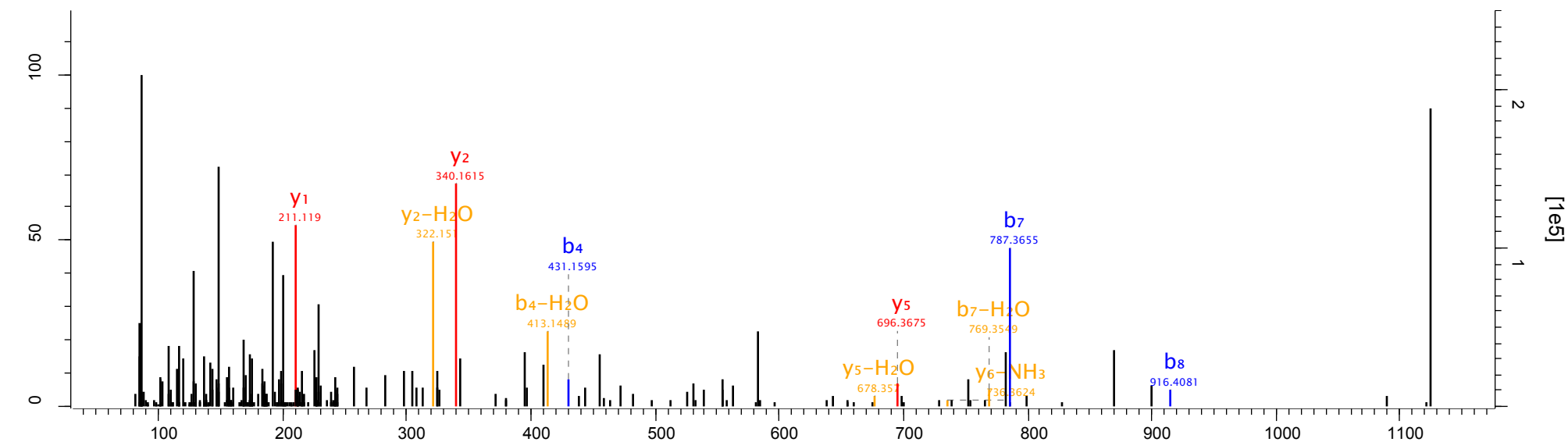
ACTB;ACTG1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	8668	FTMS; HCD	56.96	659.85	HSP90AB1;HSP90B1



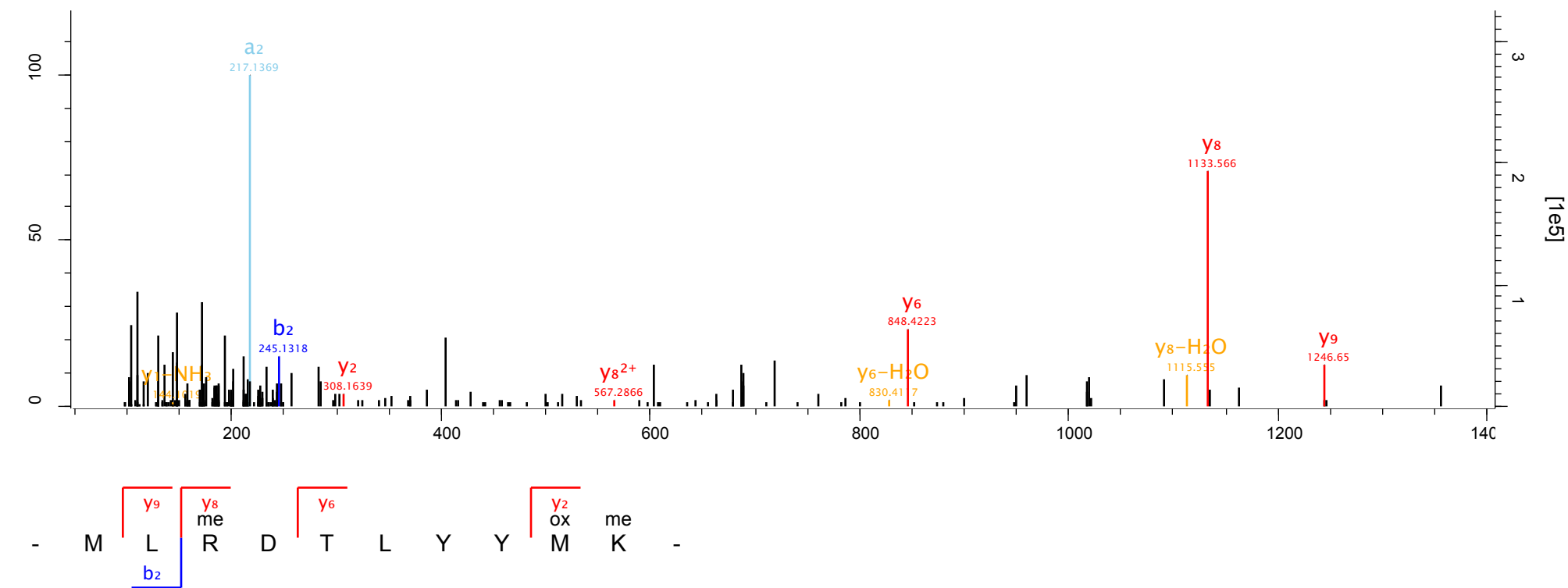
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	8724	FTMS; HCD	65.22	563.76	PCDHB2



Raw file

Scan	Method	Score	m/z	Gene names
8974	FTMS; HCD	53.76	689.35	PI4KA

Zhibin_20150831_MDAOPA_SCX_100mM



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

9047

Method

FTMS; HCD

Score

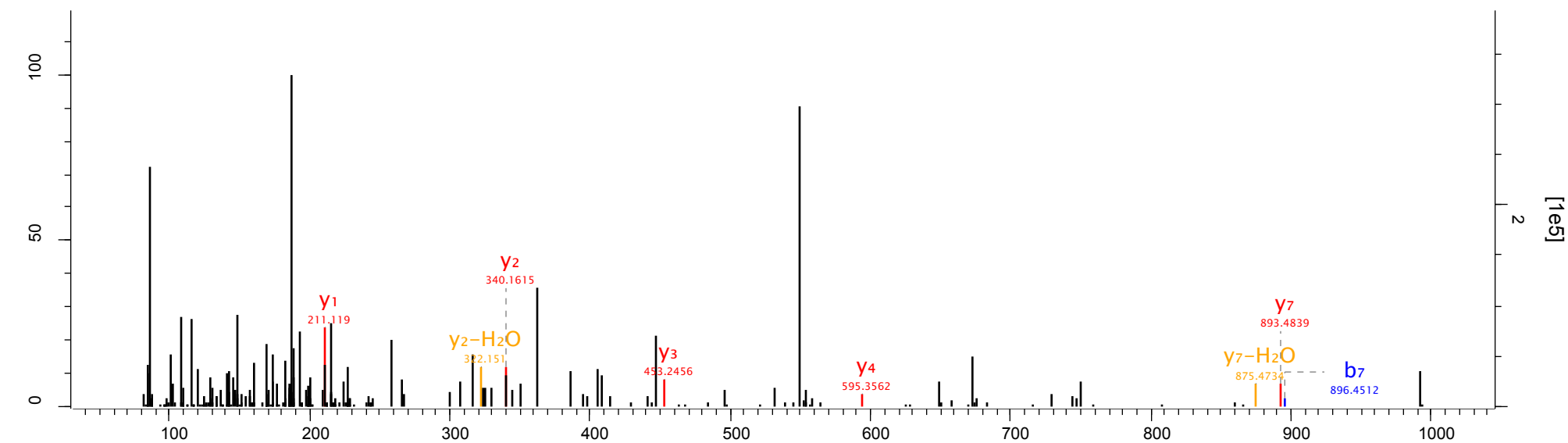
41.88

m/z

554.3

Gene names

GCNT4

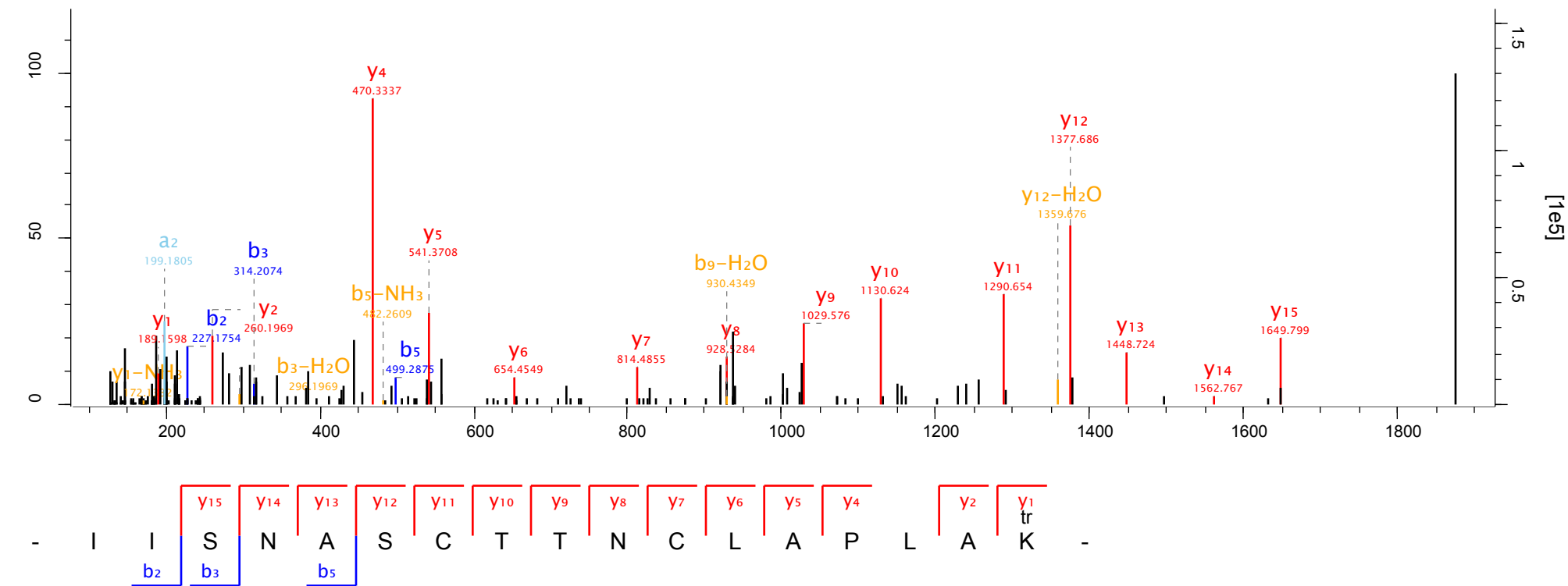
[1e5]
2

op
- P P N S K L E R -

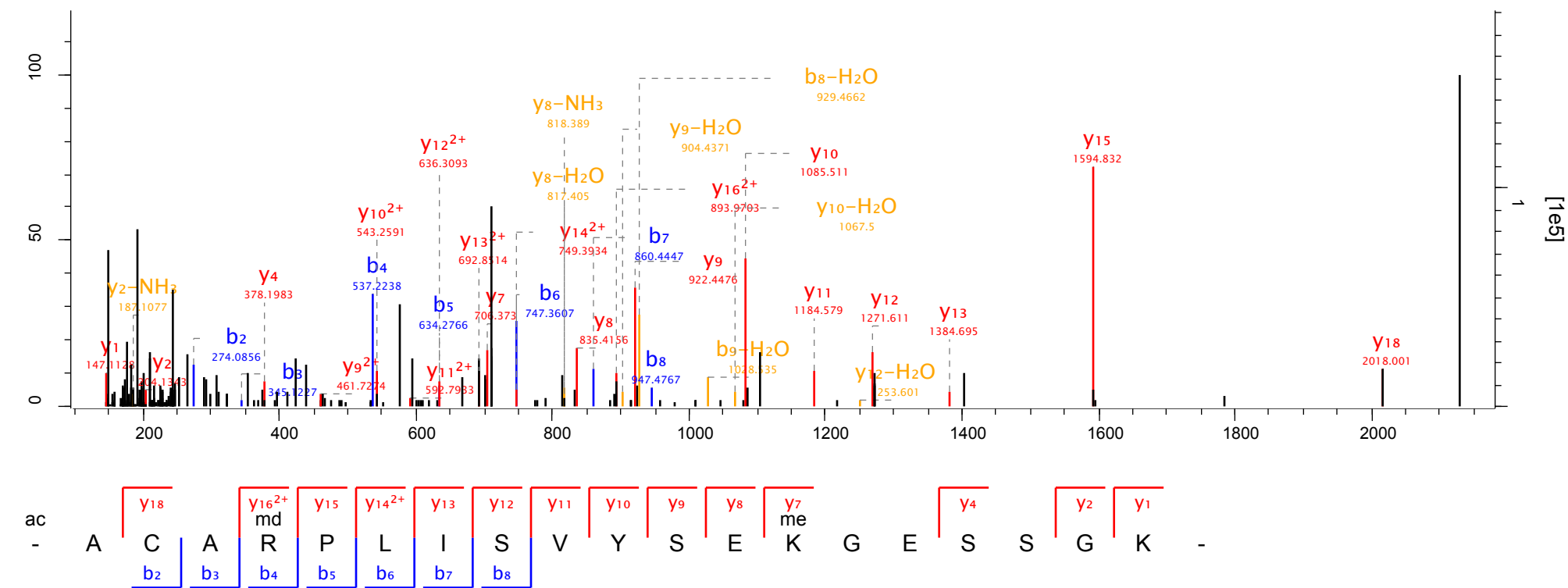
Red brackets above the sequence indicate y-ion fragmentation sites: y7 (between P and N), y4me (between S and K), y3 (between L and E), y2 (between E and R), and y1md (between R and -).

Blue brackets below the sequence indicate b-ion fragmentation sites: b7 (between E and R).

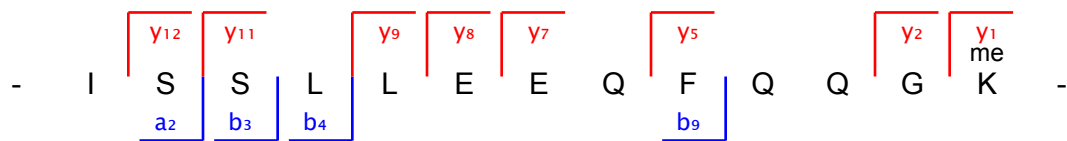
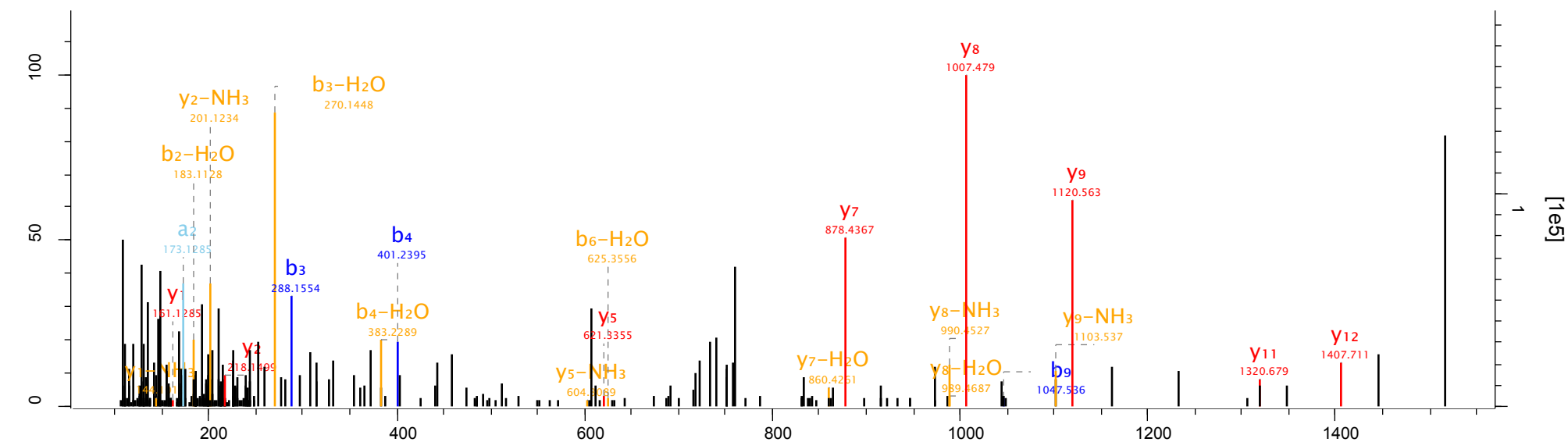
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	9110	FTMS; HCD	79.84	938.99	GAPDH



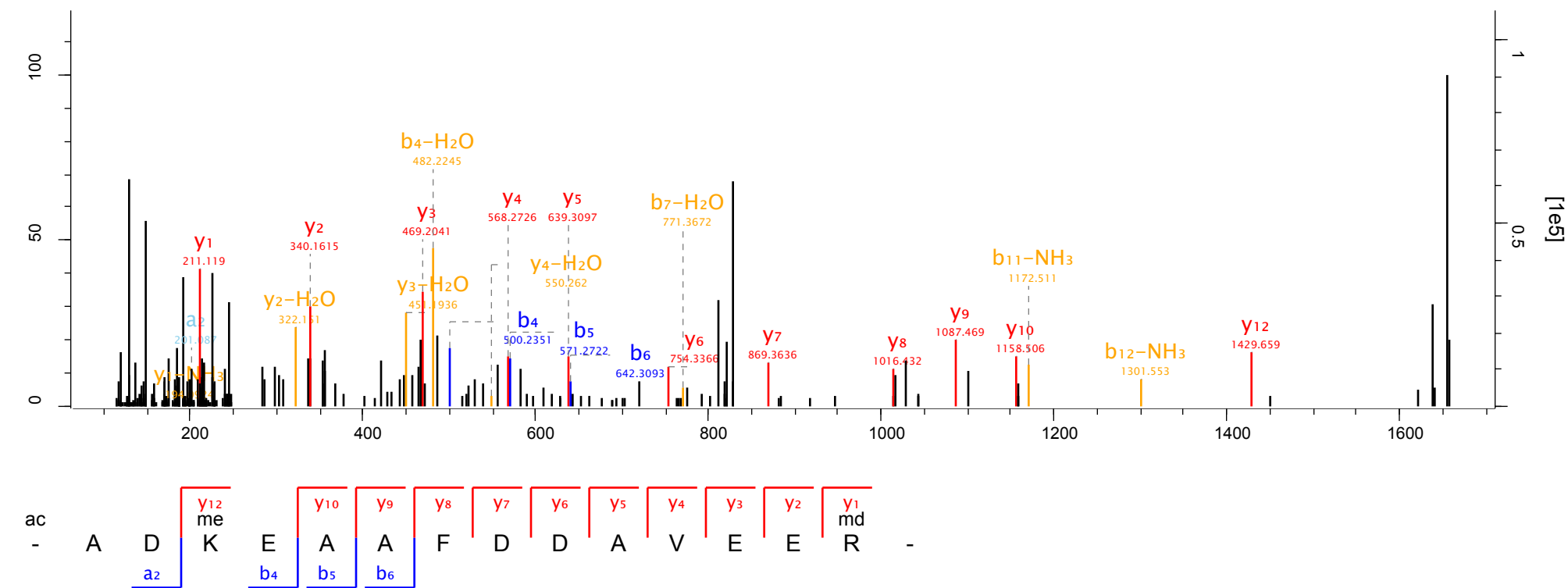
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	9320	FTMS; HCD	104.16	711.35	RPL4



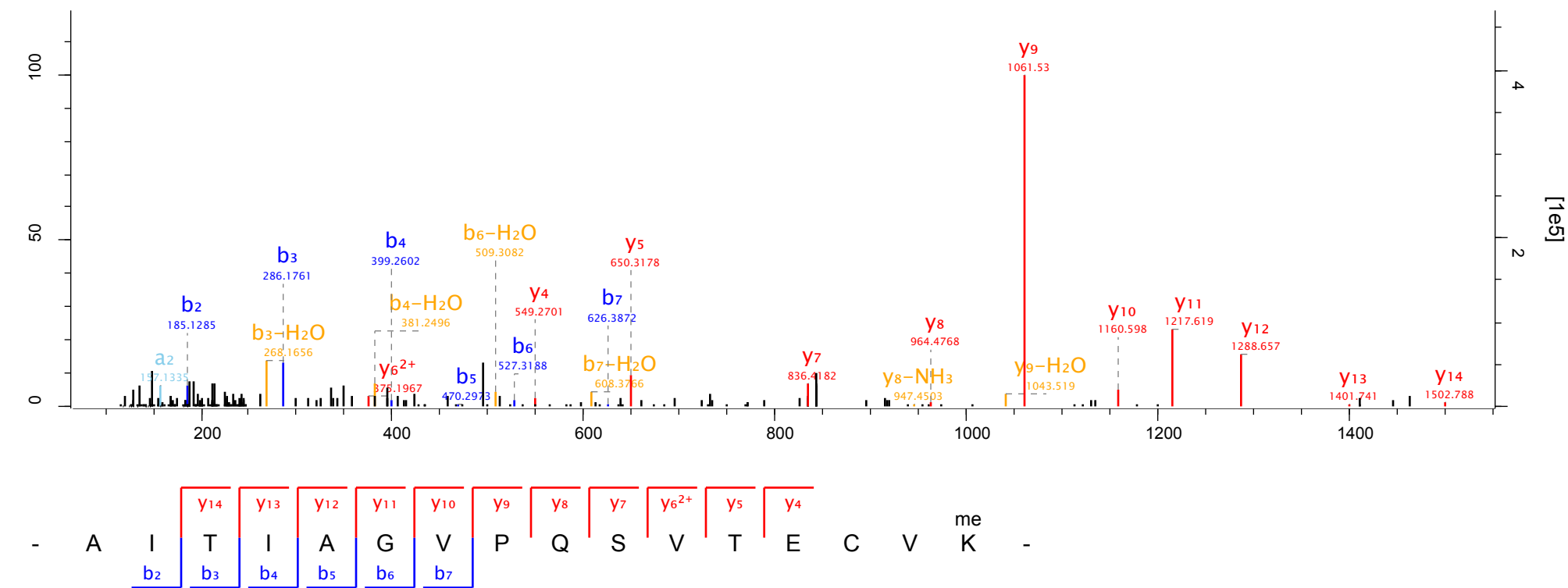
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	9343	FTMS; HCD	80.31	760.9	RPS8



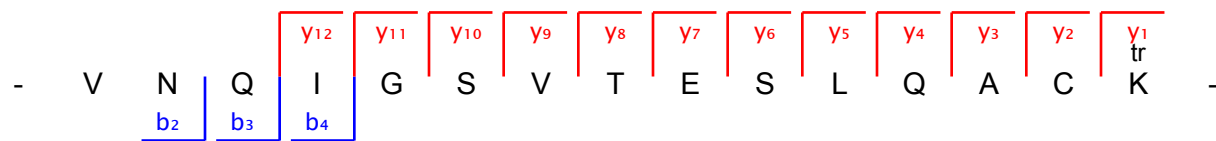
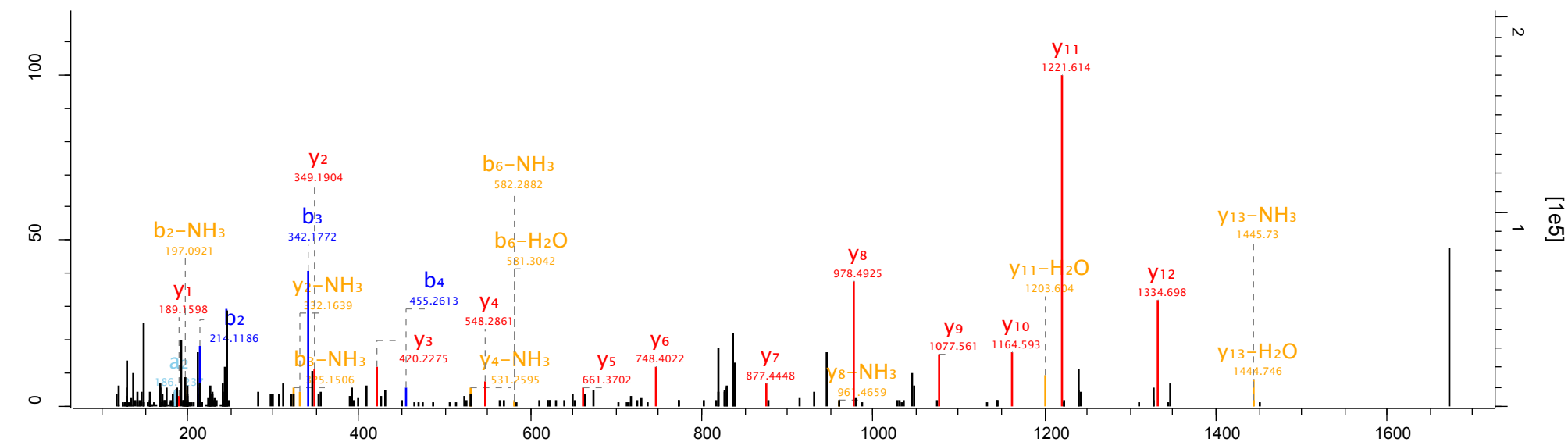
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	9395	FTMS; HCD	71.08	829.87	RBBP4



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	9555	FTMS; HCD	68.58	844.46	PCBP1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	9606	FTMS; HCD	71.98	838.44	ENO1



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

9666

Method

FTMS; HCD

Score

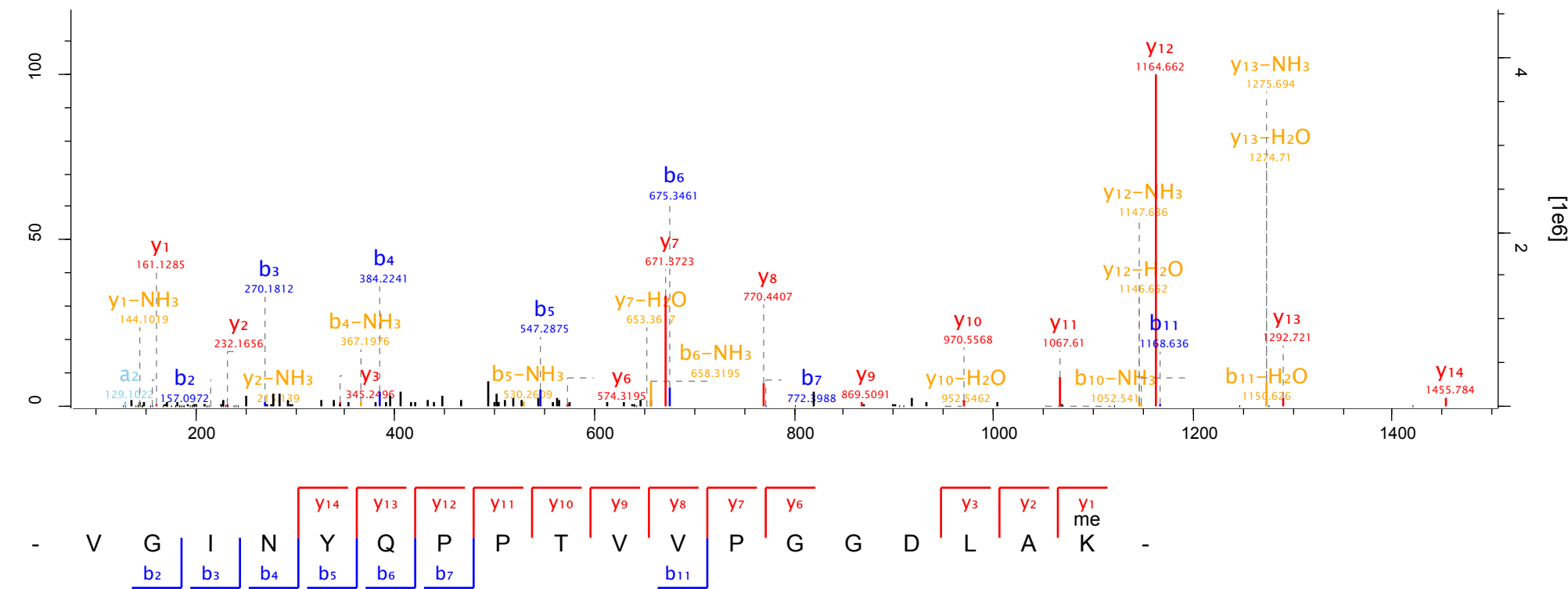
74.79

m/z

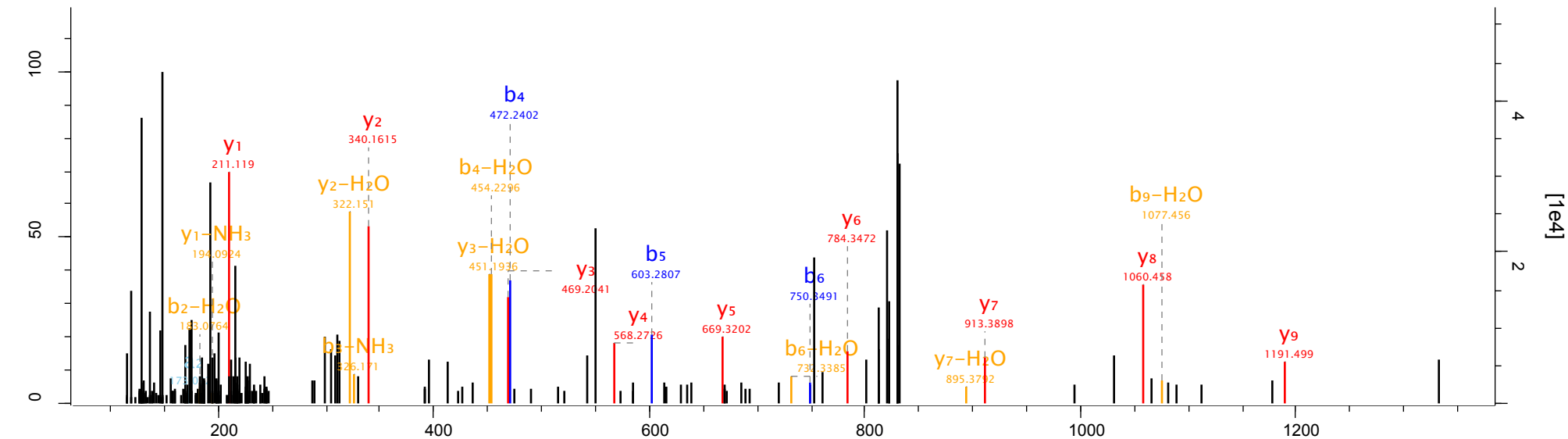
920

Gene names

TUBA1A;TUBA3C;TUBA3E;TUBA8;TUBA1B;TUBA4A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	9692	FTMS; HCD	69.92	831.87	RBBP7

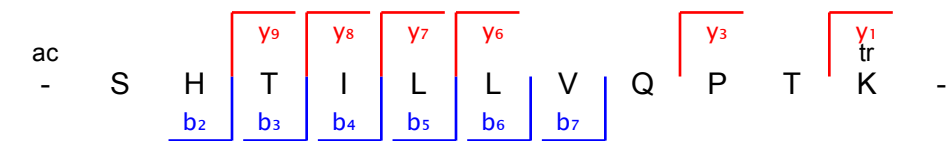
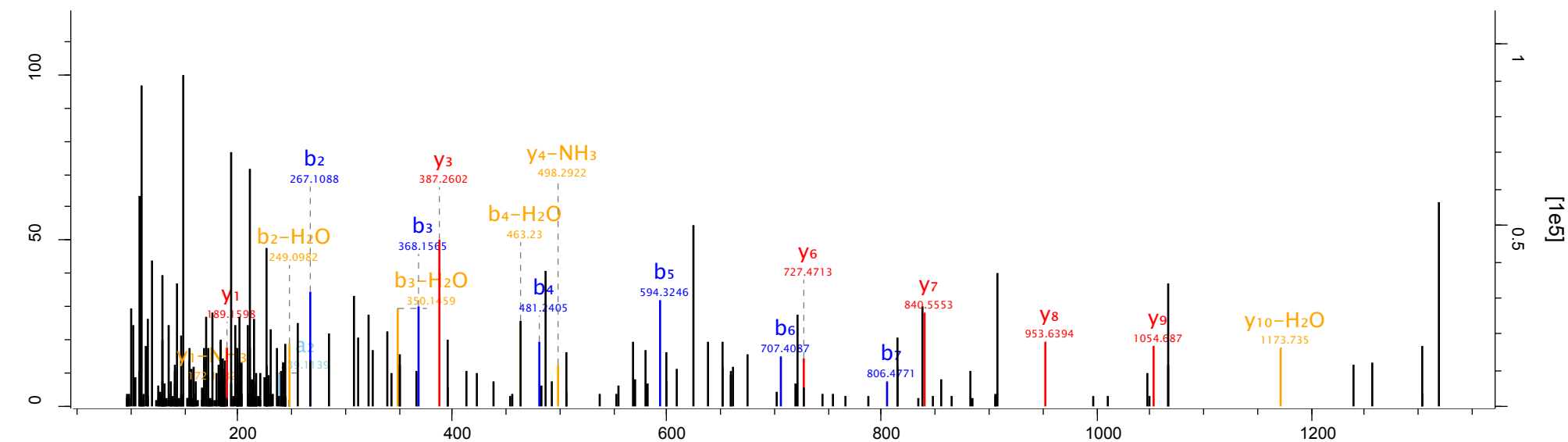


ac - A S me K E M F E D T V E E R -

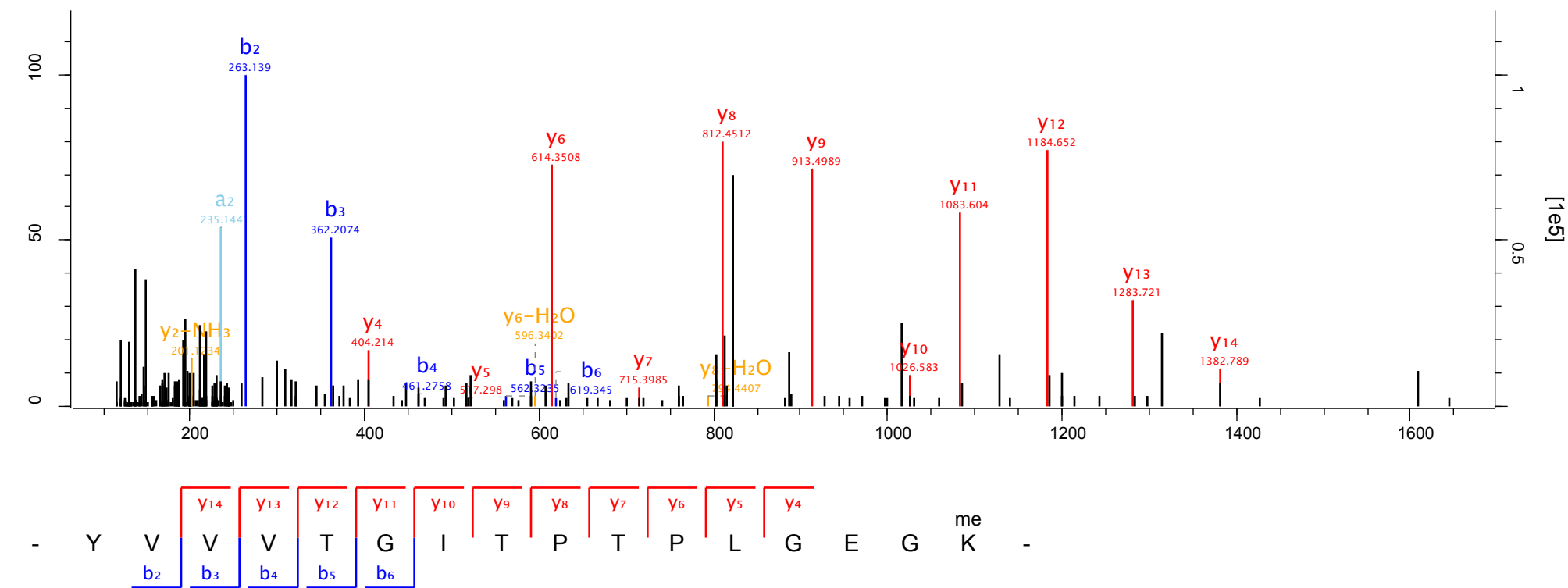
Fragmentation sites are indicated by brackets below the sequence:

- ac - A S me K E M F E D T V E E R -
- Fragmentation sites: b2 (between S and K), b4 (between E and M), b5 (between M and F), b6 (between F and E), y1 (between E and R), y2 (between E and E), y3 (between E and V), y4 (between V and T), y5 (between T and D), y6 (between D and E), y7 (between E and K), y8 (between K and S), y9 (between S and A).

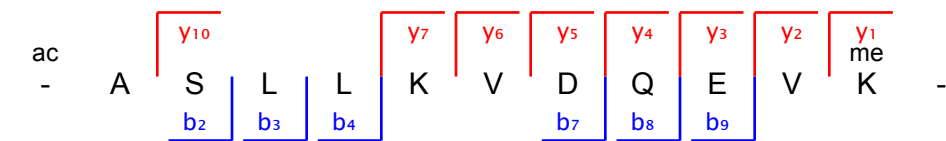
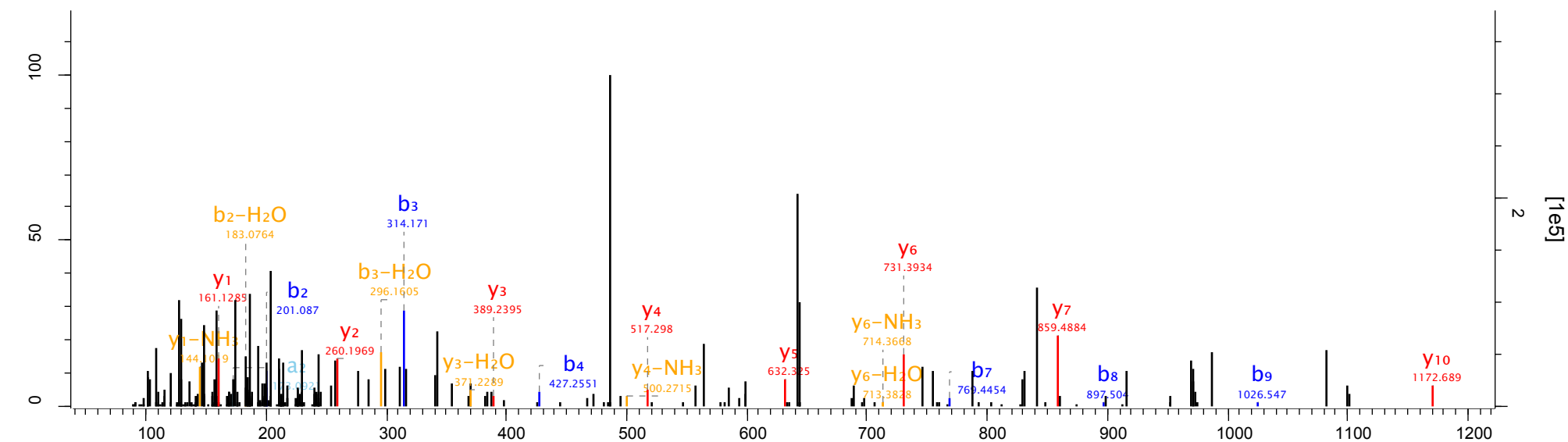
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	9716	FTMS; HCD	66.27	661.31	ERH



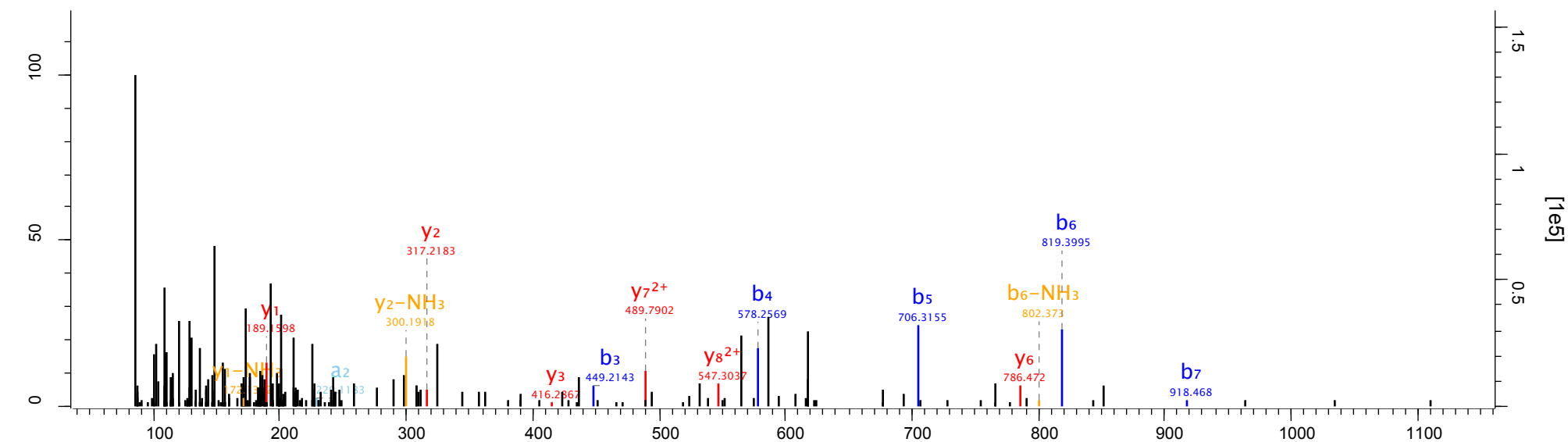
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	9922	FTMS; HCD	58.98	823.46	MTHFD1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	9933	FTMS; HCD	58.4	644.36	PSME3;DKFZp686J2076



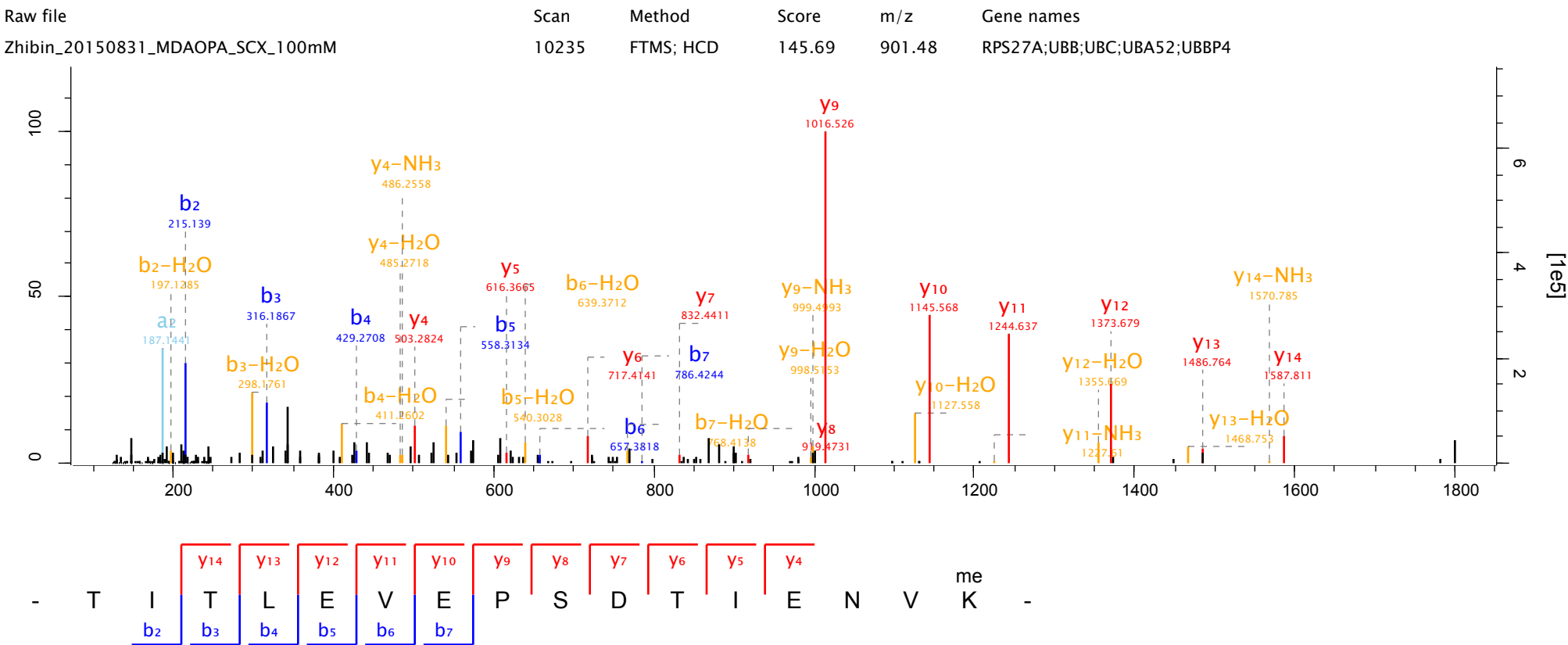
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	10078	FTMS; HCD	53.12	618.32	YWHAG



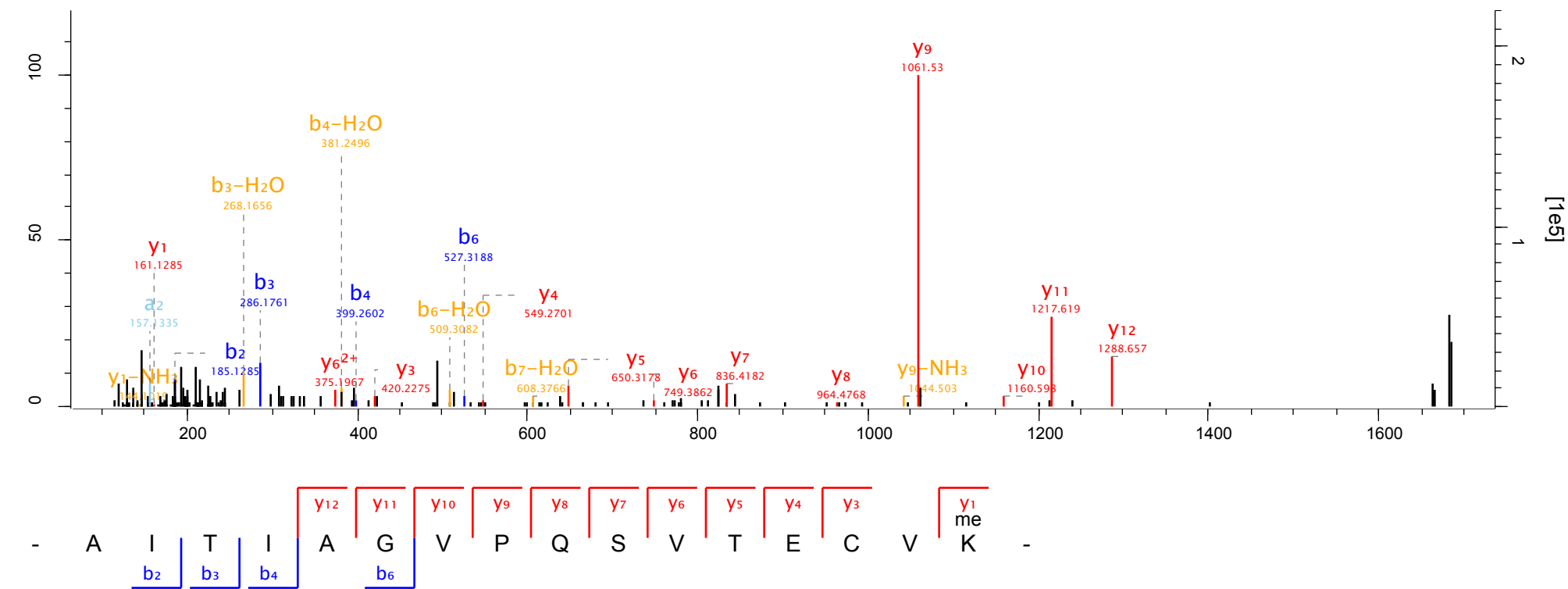
ac - V y8²⁺ y7²⁺md y6 Q L y3 y2 y1tr -

D R E Q L V Q K

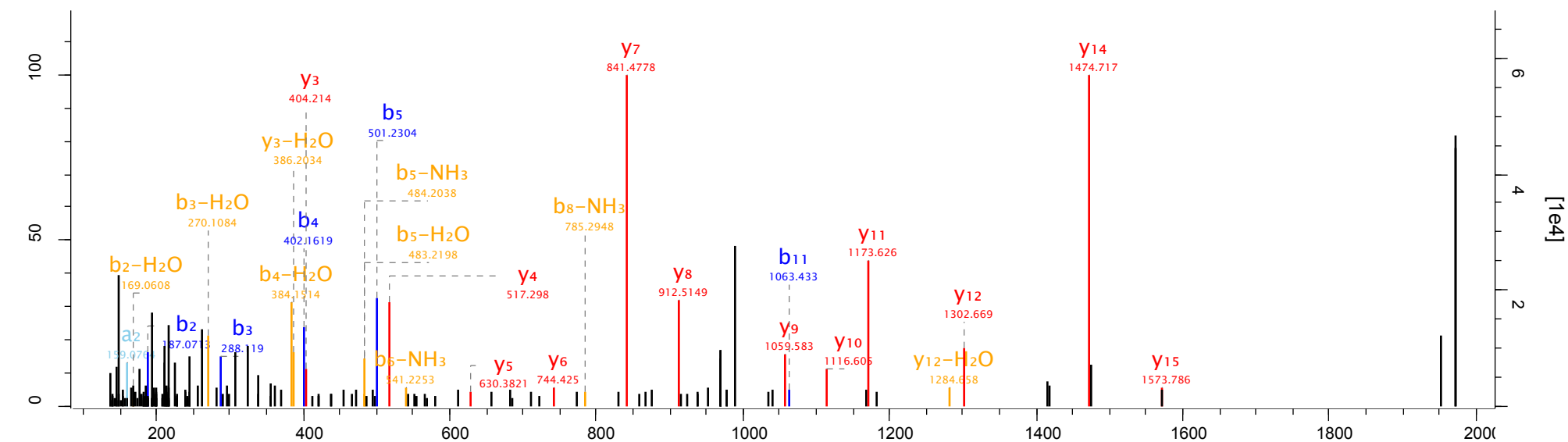
a2 b3 b4 b5 b6 b7



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	10282	FTMS; HCD	59.73	843.96	PCBP1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	10363	FTMS; HCD	74.78	988.48	ENO1



- D A T N V G D E G G F A P N I L E N K -

me

b₂ b₃ b₄ b₅ b₁₁ y₁₅ y₁₄ y₁₂ y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₅ y₄ y₃

Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_100mM

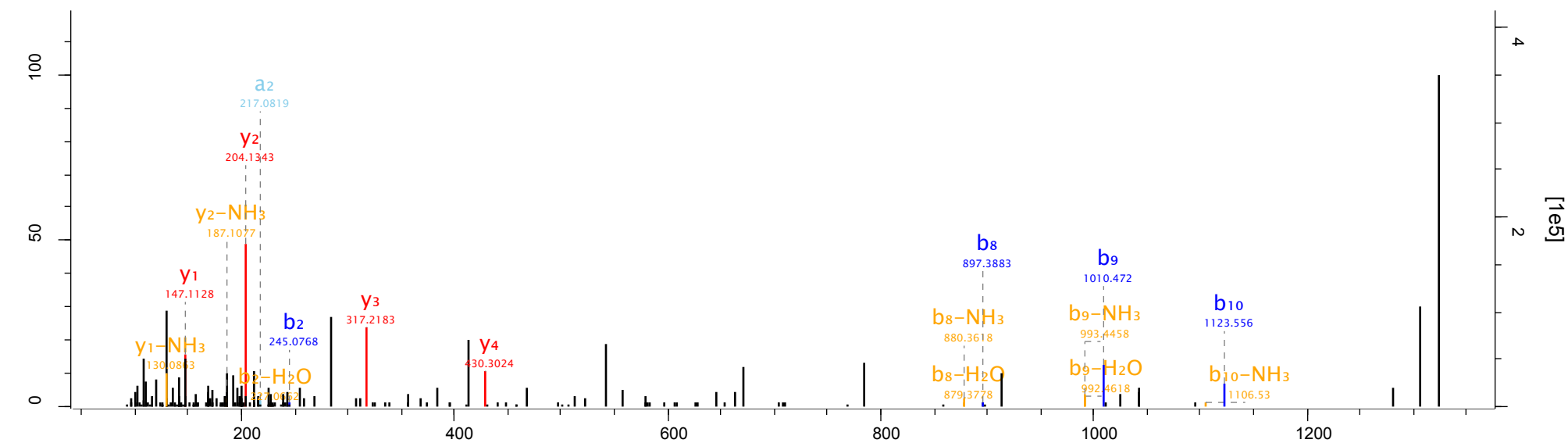
10485

FTMS; HCD

58.27

663.85

DSPP



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_100mM

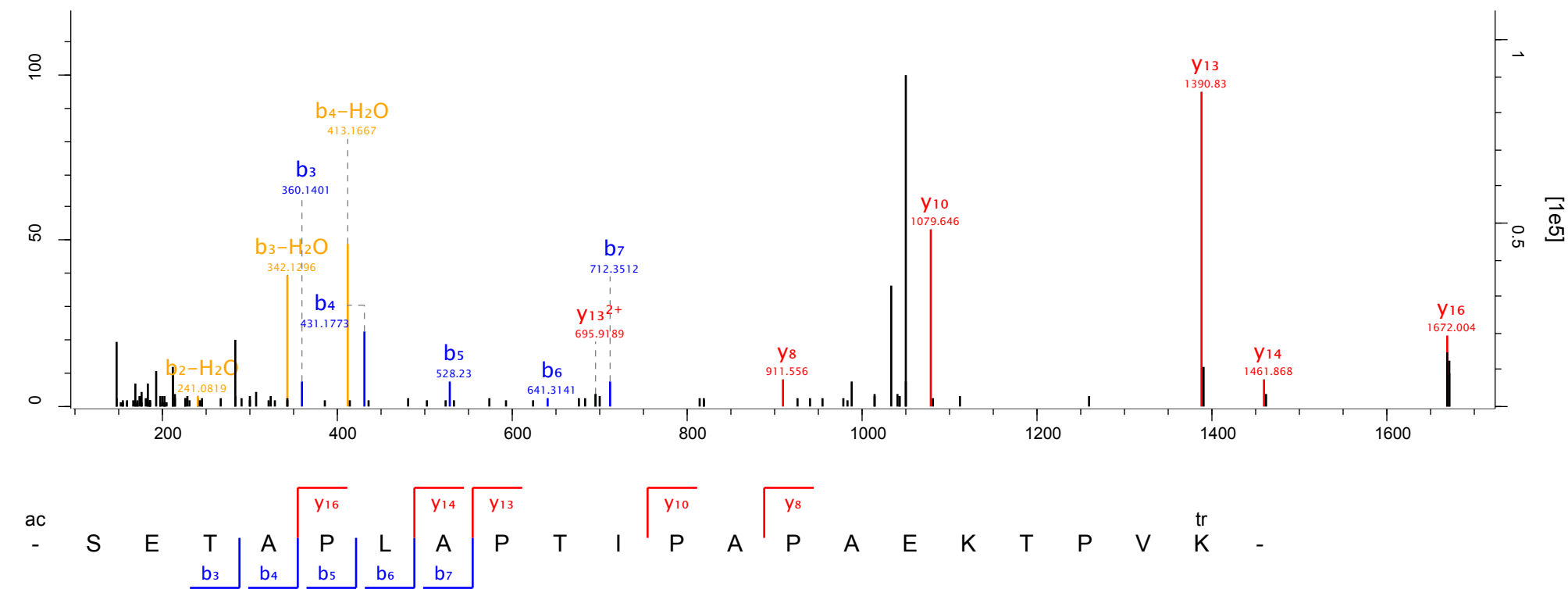
10497

FTMS; HCD

47.08

1052.09

HIST1H1D



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

10511

Method

FTMS; HCD

Score

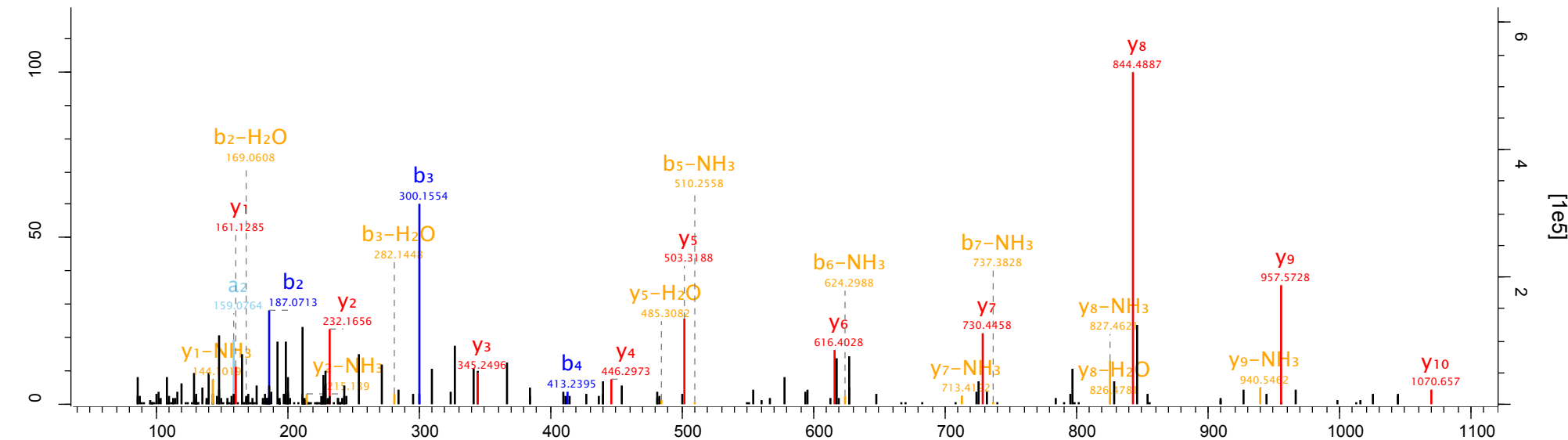
73.88

m/z

628.86

Gene names

HSP90AB1;HSP90AA1;HSP90AA2;HSP90AB2P

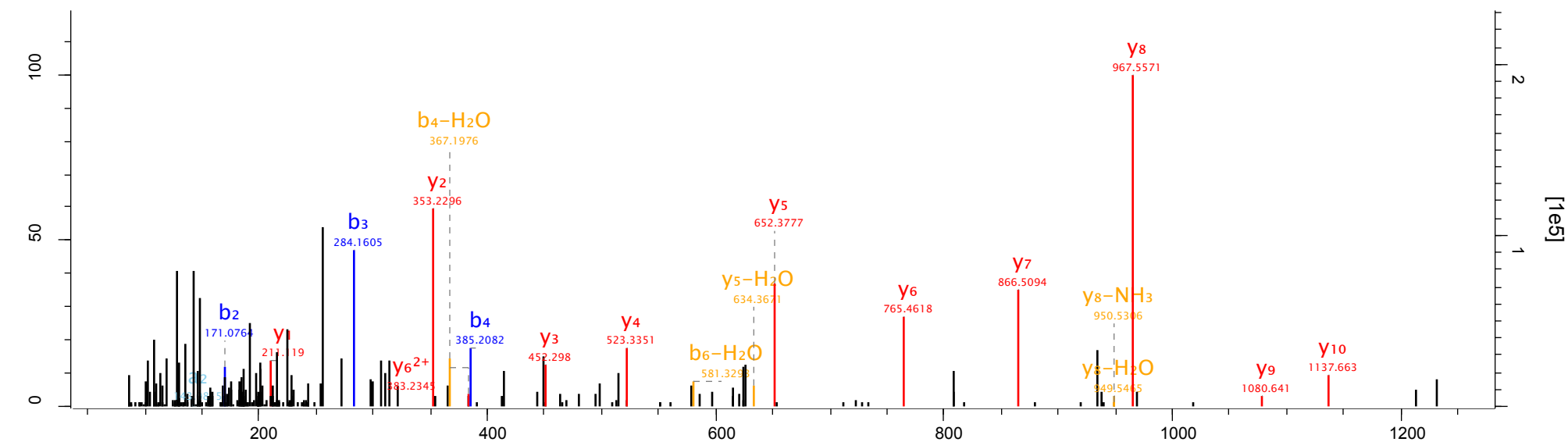


- A D L I N N L G T I A K -

b2 b3 b4

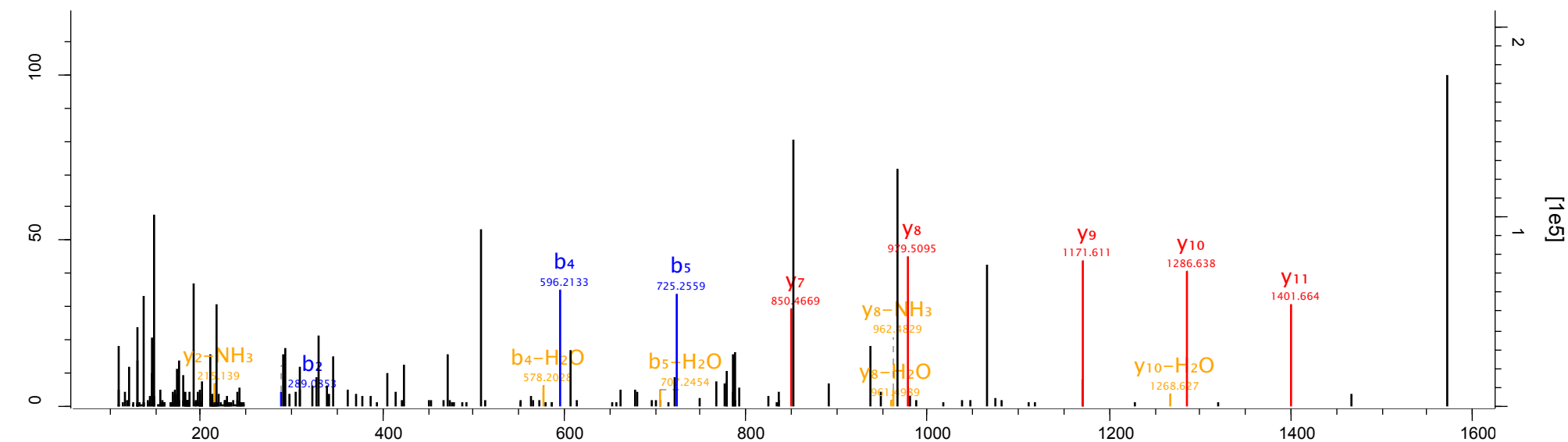
y10 y9 y8 y7 y6 y5 y4 y3 y2 y1 me

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	10533	FTMS; HCD	75.82	625.86	TPM3



ac		y ₁₀	y ₉	y ₈	y ₇	y ₆	y ₅	y ₄	y ₃	y ₂	y ₁	
-	A	G	I	T	T	I	E	A	V	K	R	-
		b ₂	b ₃	b ₄								

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	10740	FTMS; HCD	46.88	787.86	YWHAE

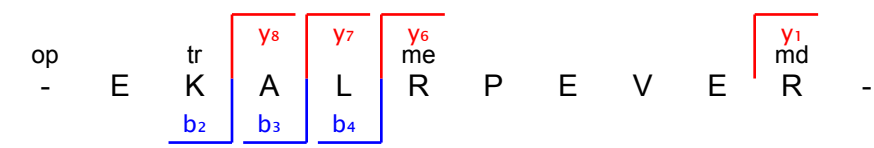
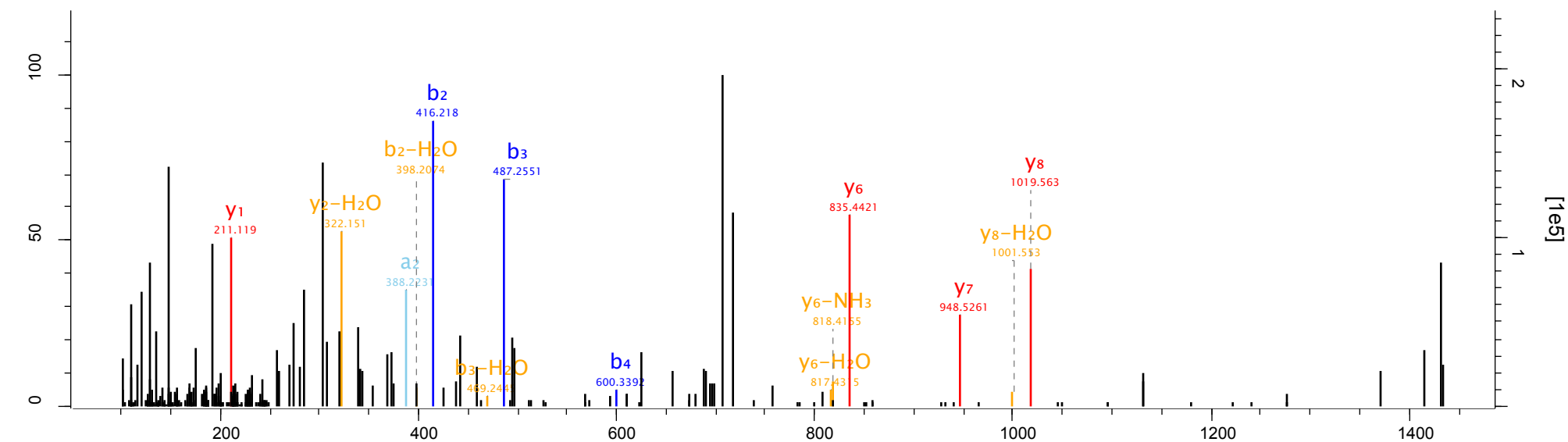


ac - M D D R E D L V Y Q A K -

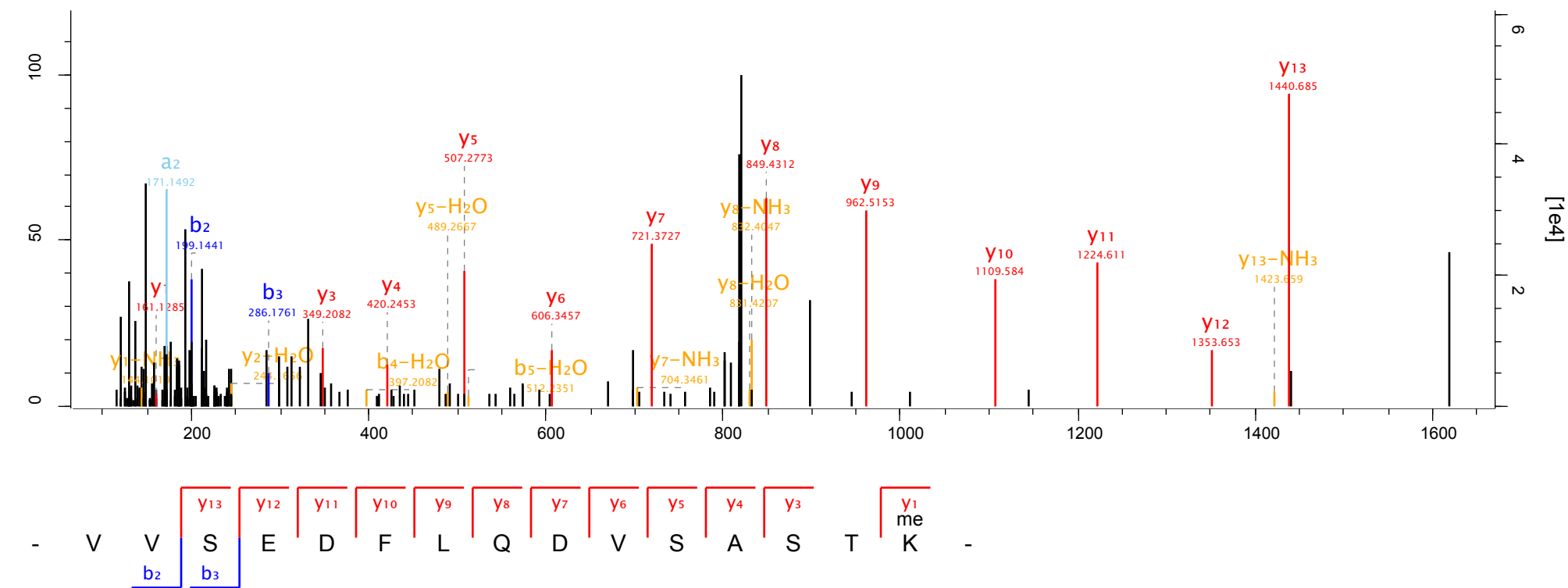
Peptide sequence: M D D R E D L V Y Q A K -

Modifications: y11, y10, y9 md, y8, y7 (red); b2, b4, b5 (blue)

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	10919	FTMS; HCD	66.06	717.89	DST



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	11134	FTMS; HCD	73.3	819.92	PARP1



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

11177

Method

FTMS; HCD

Score

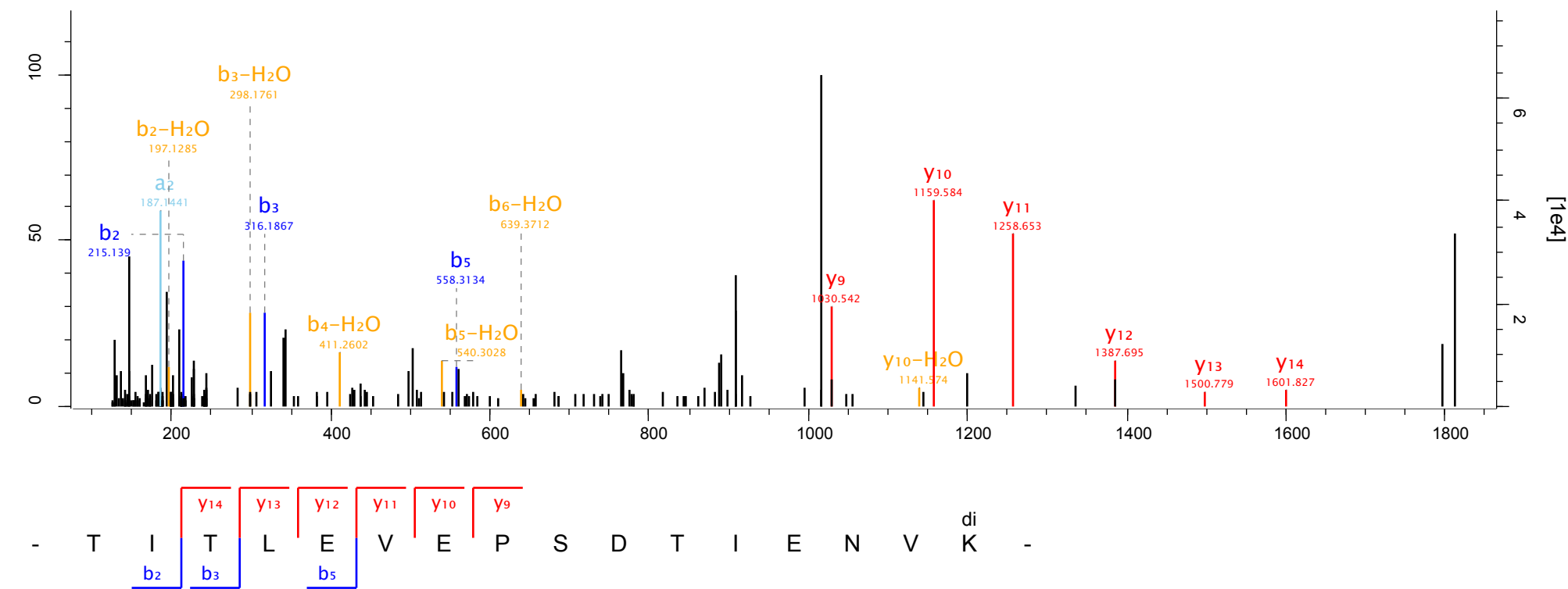
58.08

m/z

908.98

Gene names

RPS27A;UBB;UBC;UBA52;UBBP4



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

11405

Method

FTMS; HCD

Score

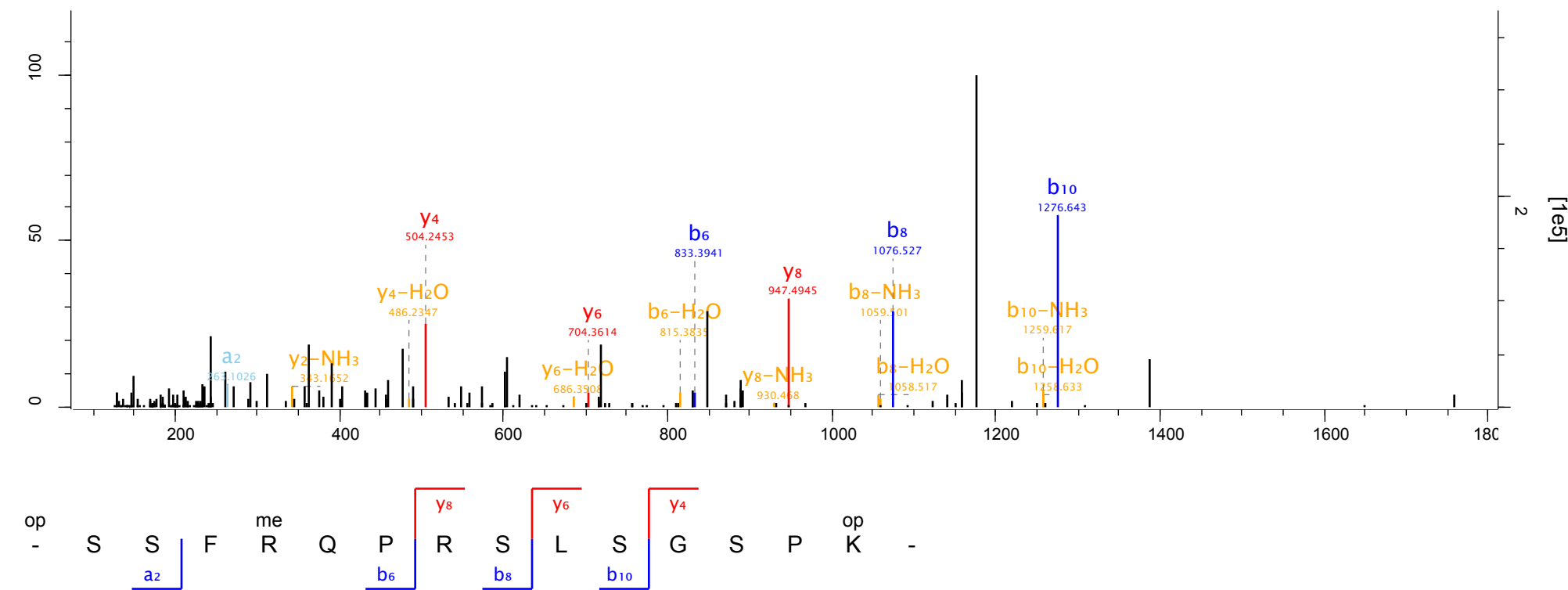
43.03

m/z

890.44

Gene names

ARHGAP22



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

11464

Method

FTMS; HCD

Score

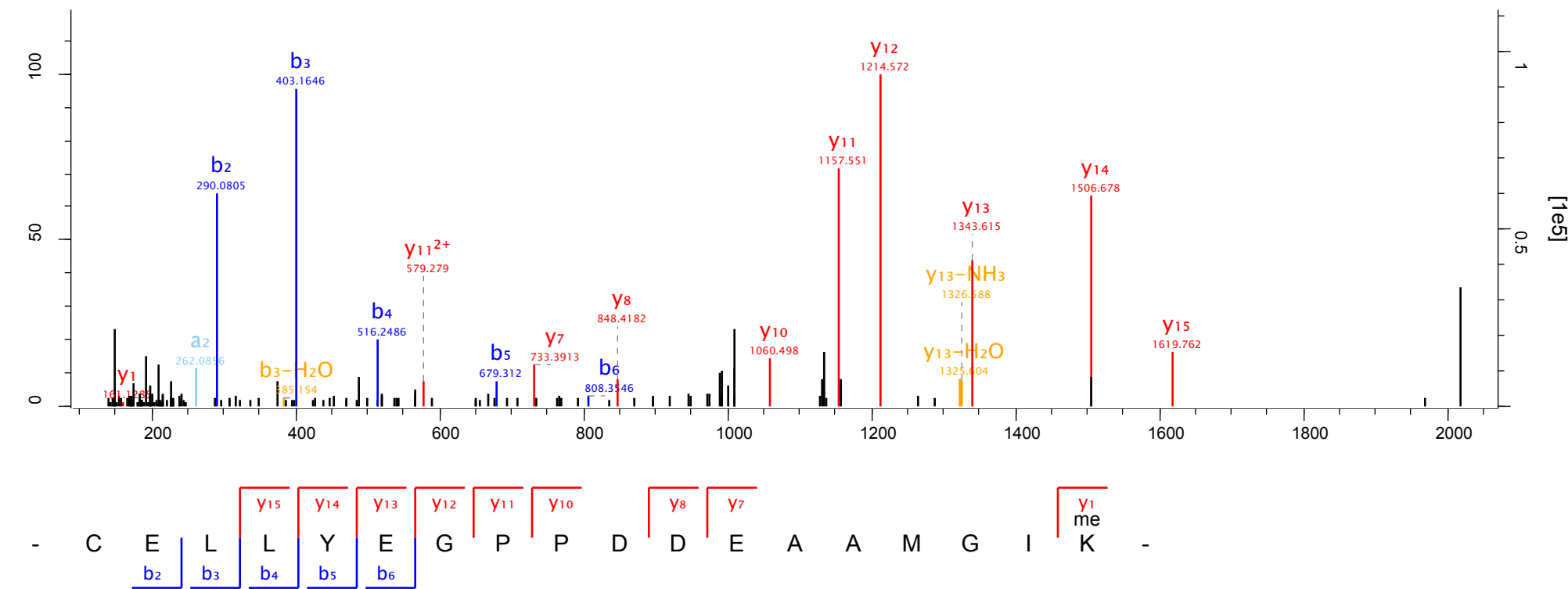
78.08

m/z

1011.46

Gene names

EEF2



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_100mM

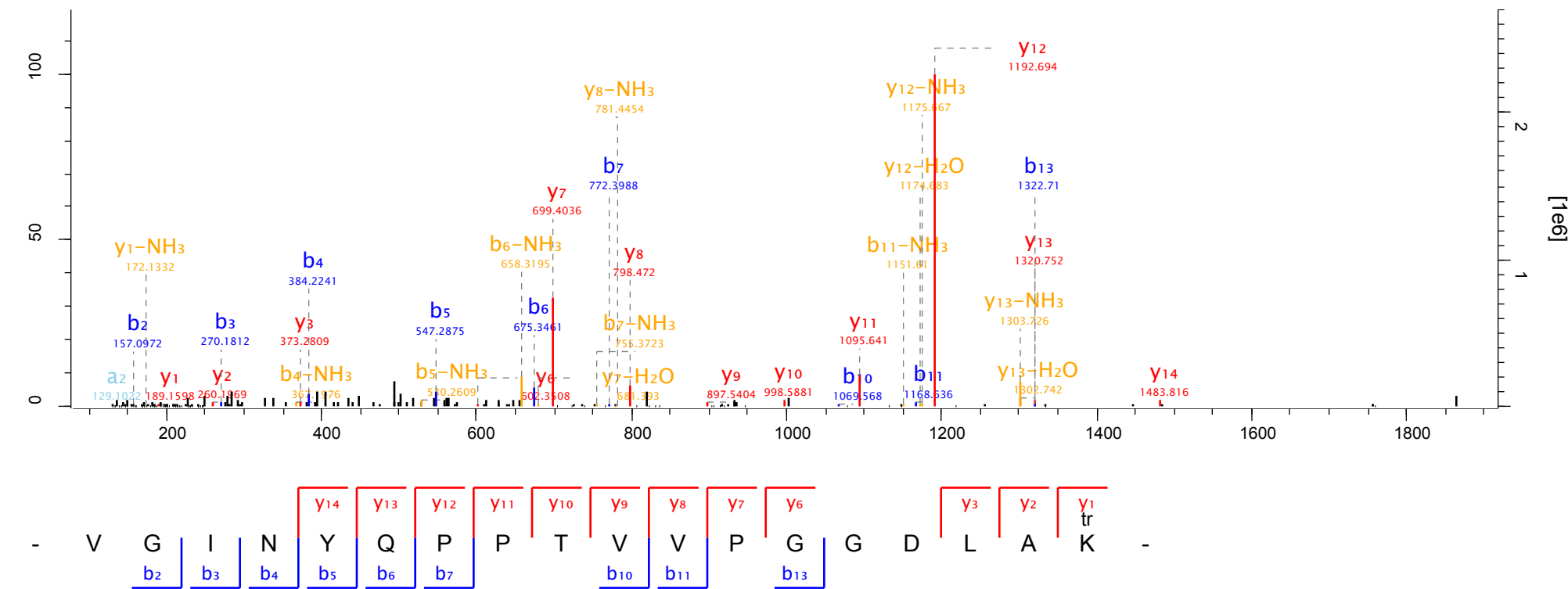
11486

FTMS; HCD

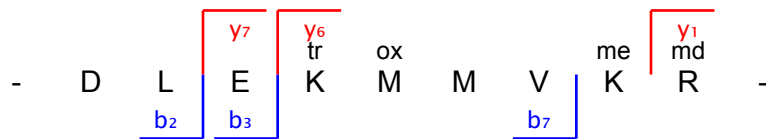
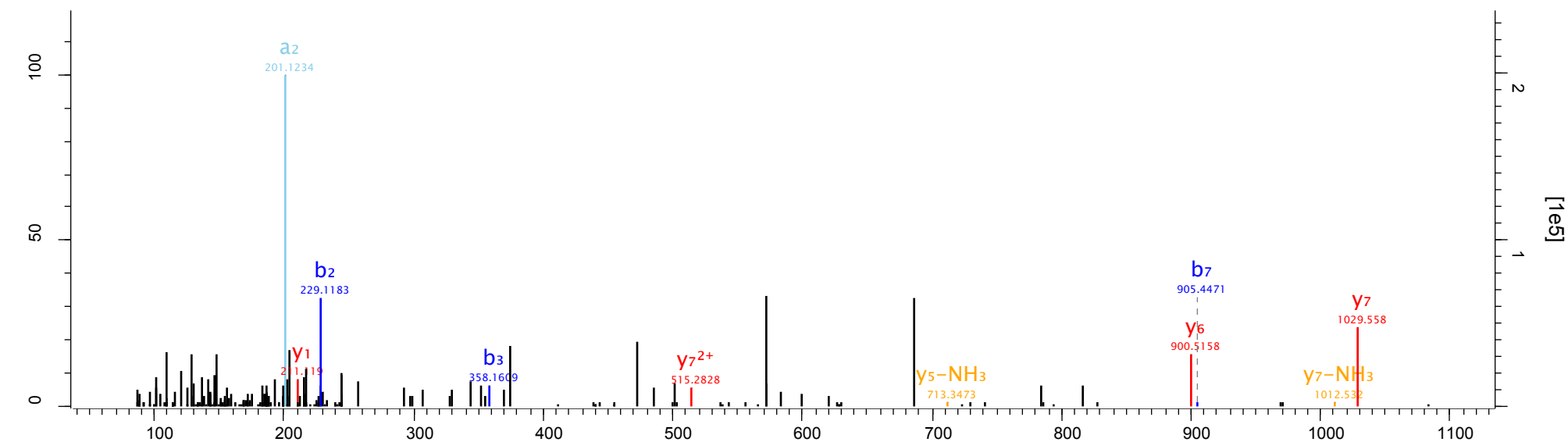
86.12

934.52

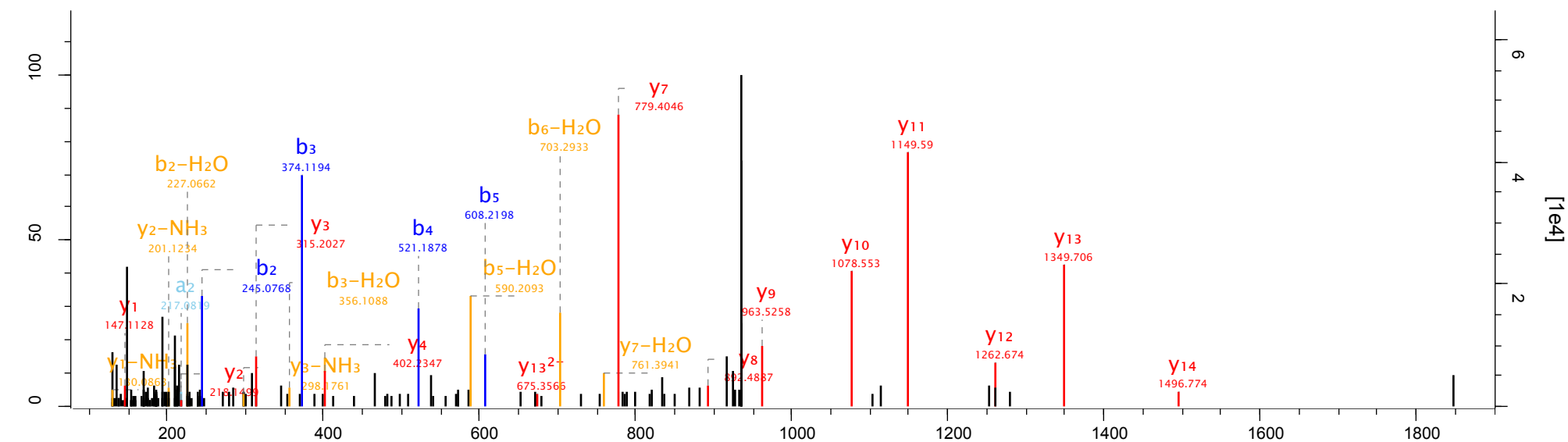
TUBA1A;TUBA3C;TUBA3E;TUBA8;TUBA1B;TUBA4A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	12100	FTMS; HCD	47.6	629.84	RET



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	12312	FTMS; HCD	70.78	935.95	MAPK1IP1L



ac

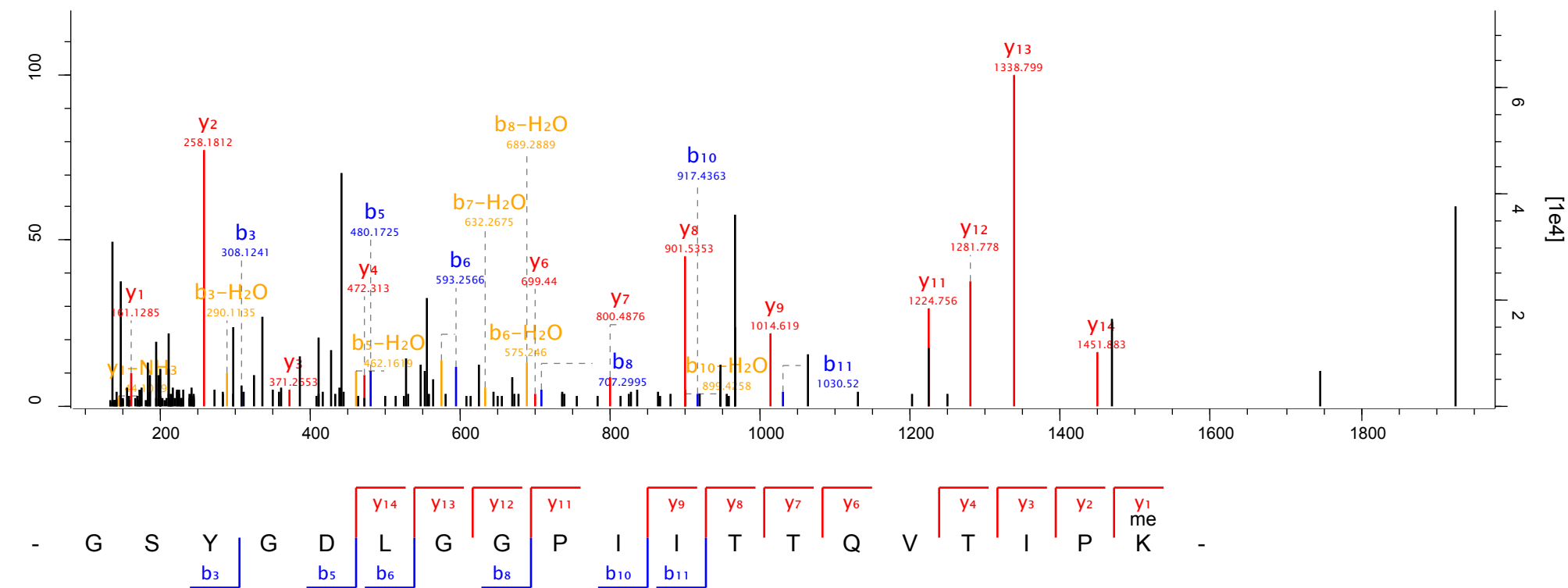
- S D E F S L A D A L P E H S P A K -

b2 b3 b4 b5

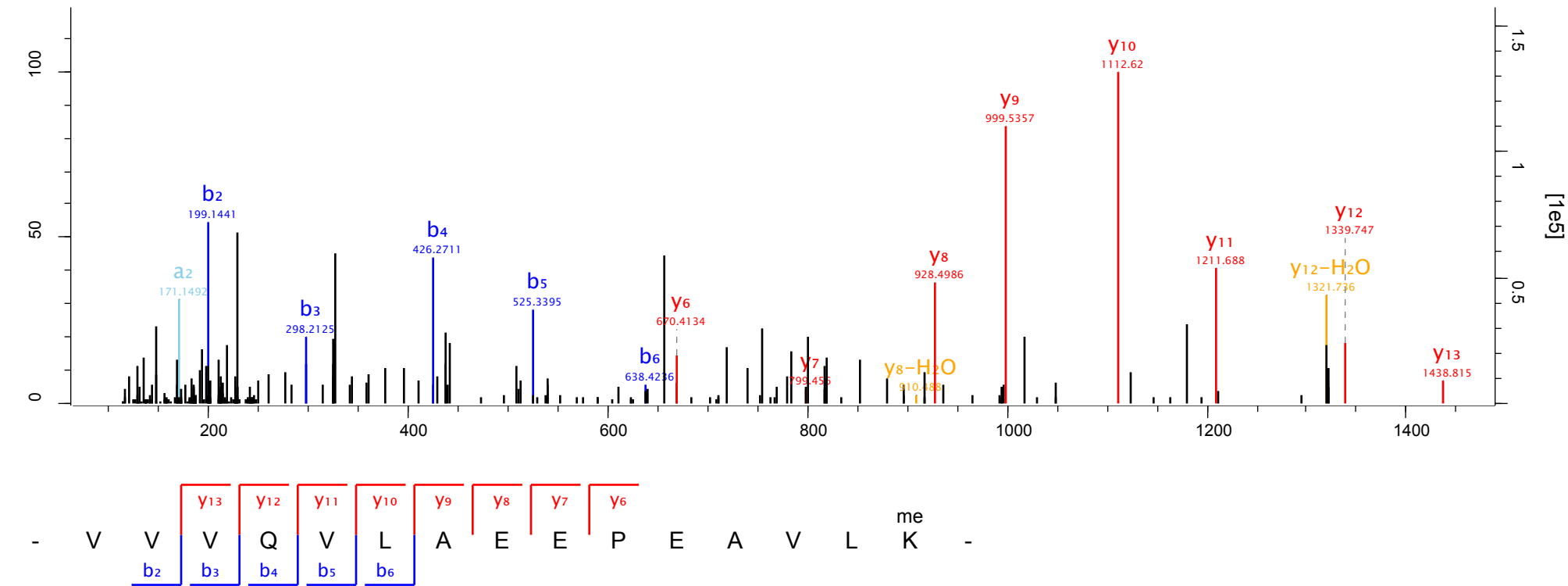
y14 y13 y12 y11 y10 y9 y8 y7

me y4 y3 y2 y1

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	12540	FTMS; HCD	53.04	966.53	HNRNPK



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	12664	FTMS; HCD	58.08	819.48	FASN



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

12999

Method

FTMS; HCD

Score

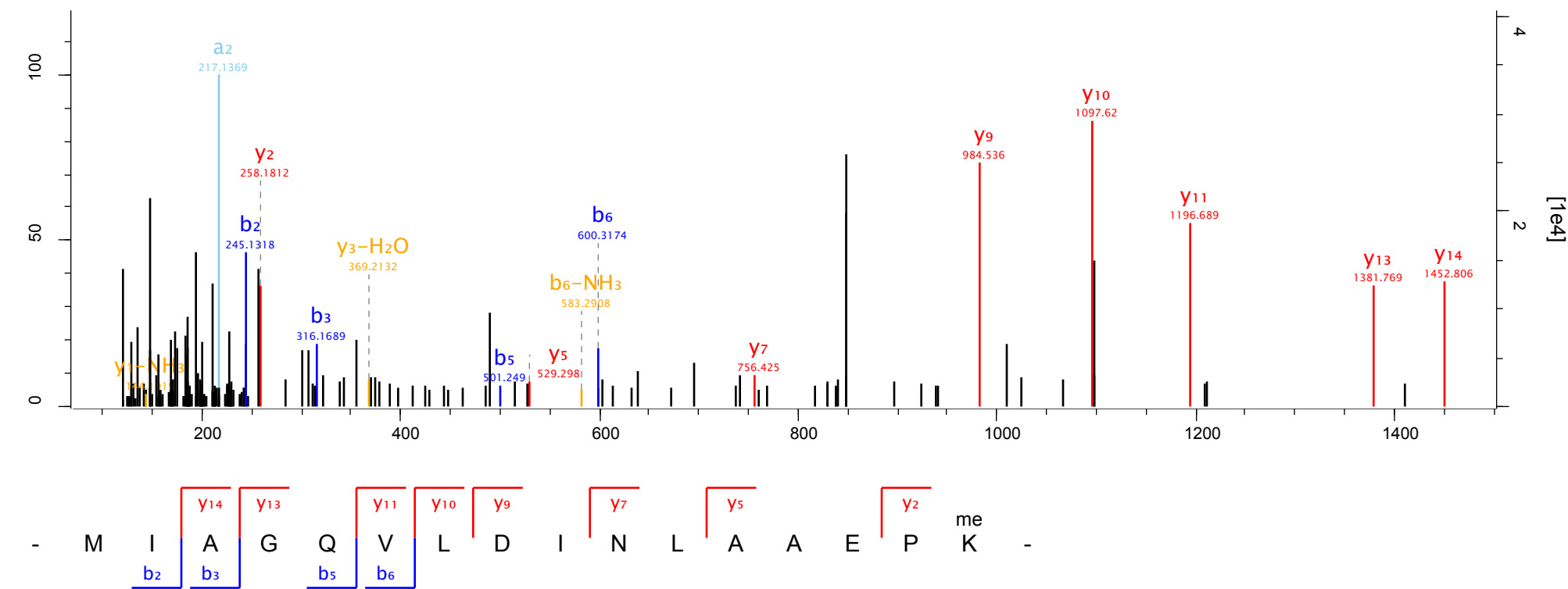
46.16

m/z

848.97

Gene names

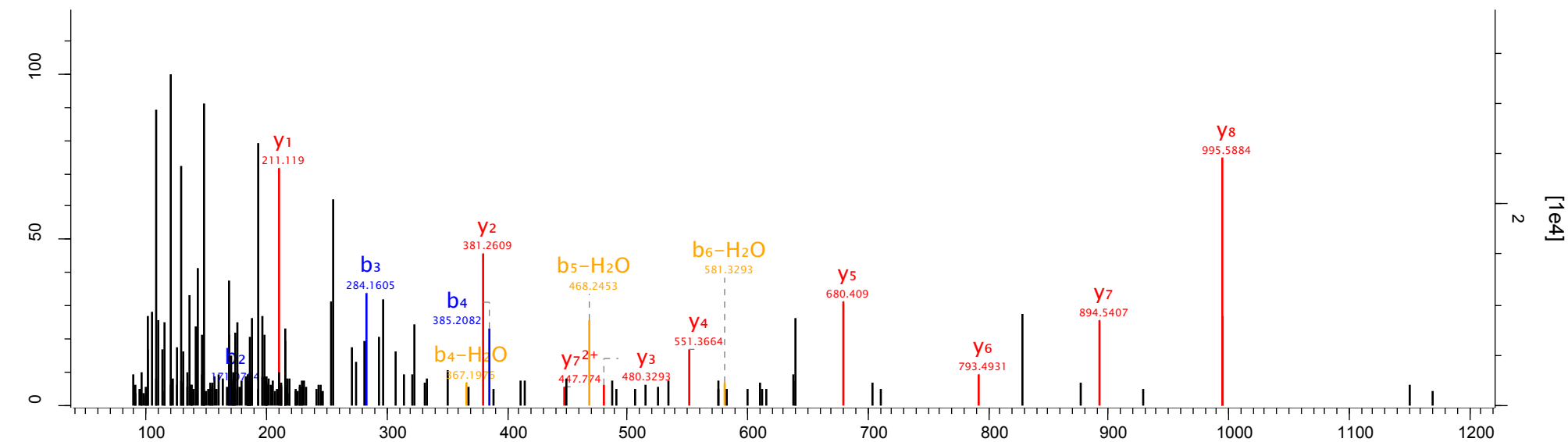
HNRNPC



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan	Method	Score	m/z	Gene names
13093	FTMS; HCD	43.68	639.87	TPM3



ac

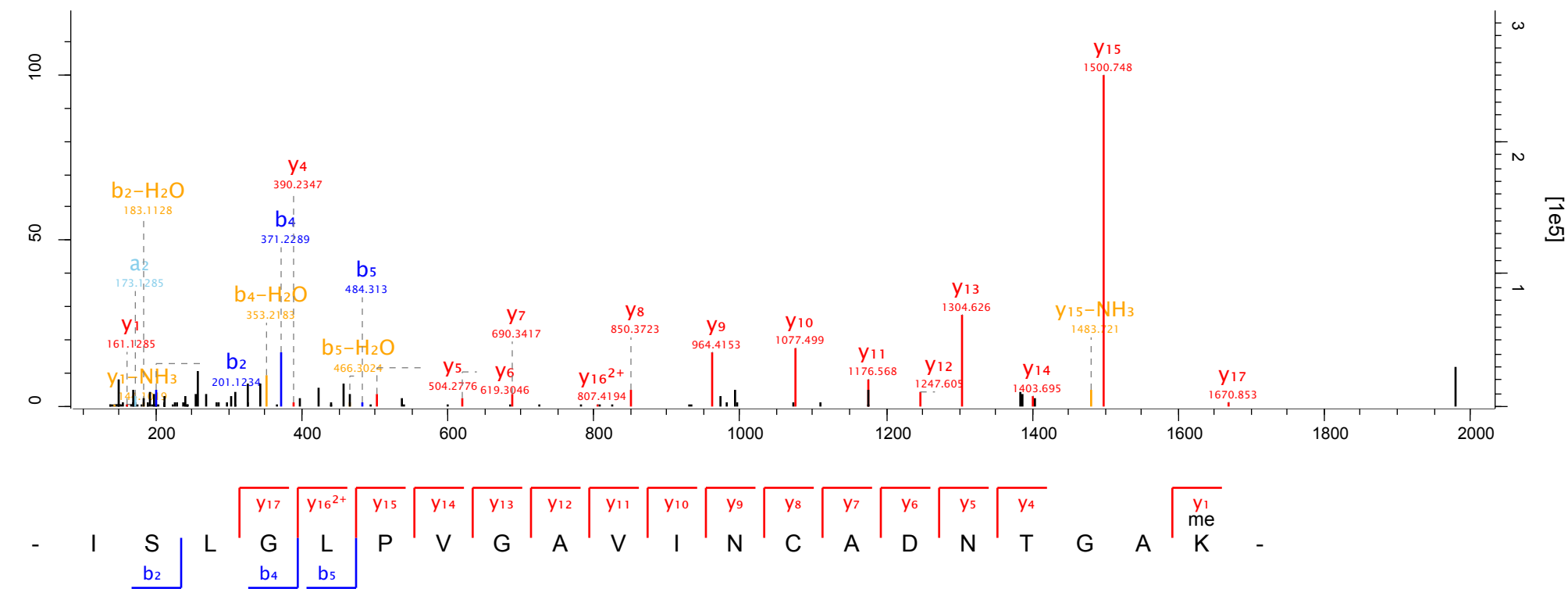
- A G I T T I E A V K R -

b2 b3 b4

y8 y7 y6 y5 y4 y3 y2 y1

tr md

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	13490	FTMS; HCD	65.89	993.03	RPL23



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_100mM

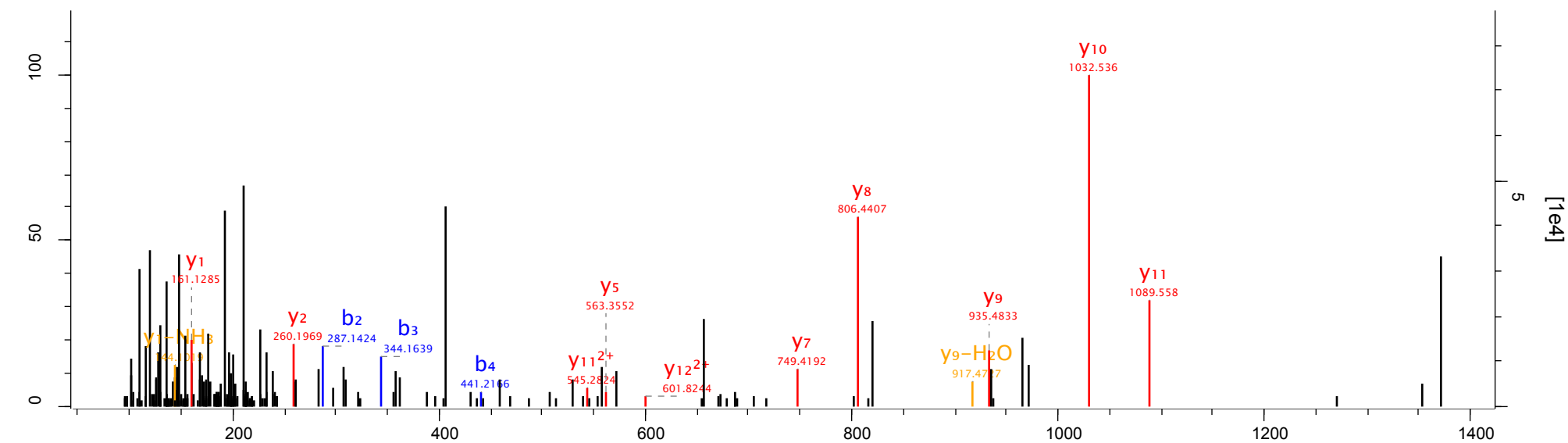
14058

FTMS; HCD

62.09

688.35

HNRNPF



ac

- M L G P E G G E G F V V K -

y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
me

L

G

P

E

G

G

E

G

F

V

V

K

-

y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
me

L

G

P

E

G

G

E

G

F

V

V

K

-

y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
me

L

G

P

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G

E

G

F

V

V

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-

y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
me

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y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
me

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y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
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y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
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y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
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y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
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y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
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y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
me

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y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
me

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y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
me

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V

V

K

-

y₁₂²⁺y₁₁y₁₀y₉y₈y₇y₅y₂y₁
me

L

G

P

E

G

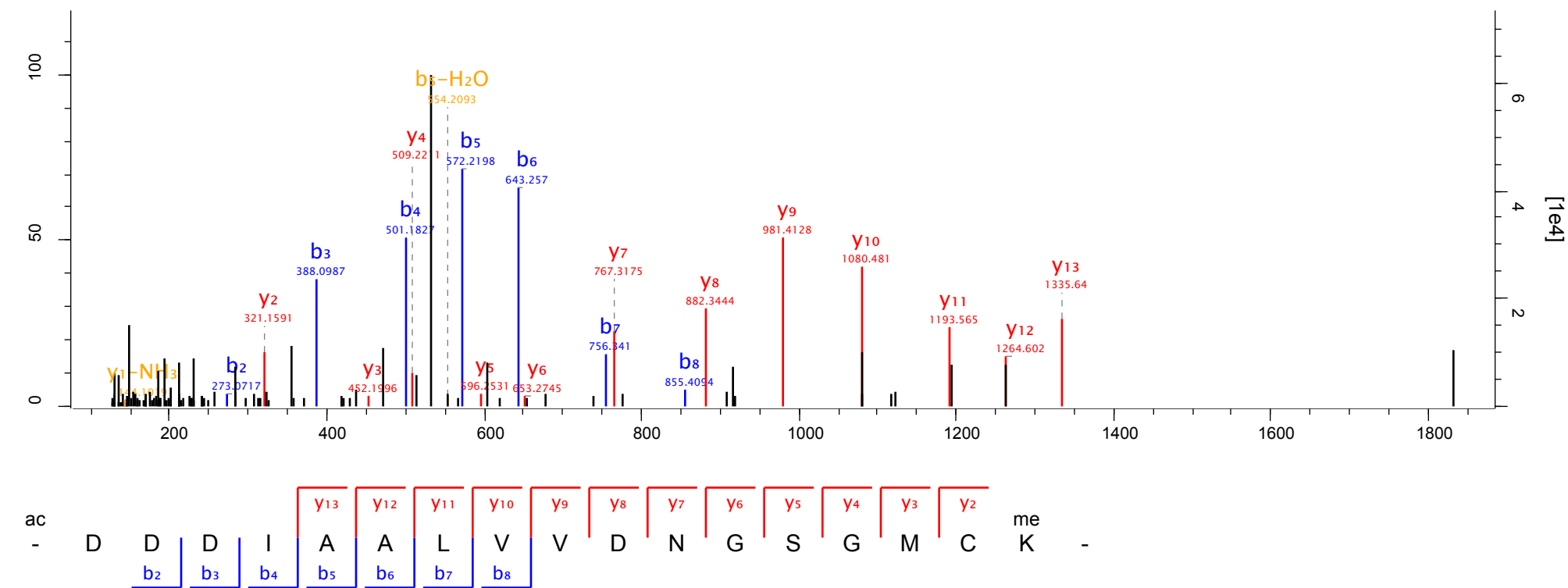
G

E

G

F

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	14190	FTMS; HCD	62.66	918.41	ACTB



Raw file

Zhibin_20150831_MDAOPA_SCX_100mM

Scan

15758

Method

FTMS; HCD

Score

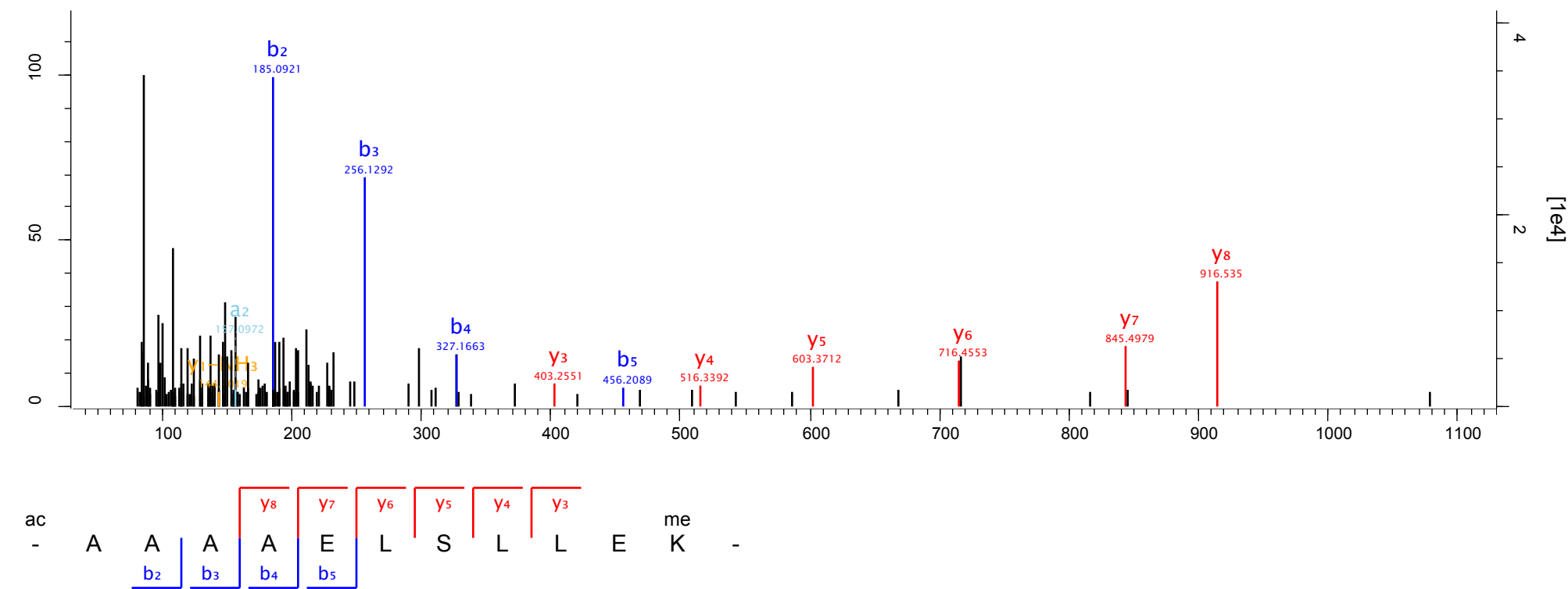
52.25

m/z

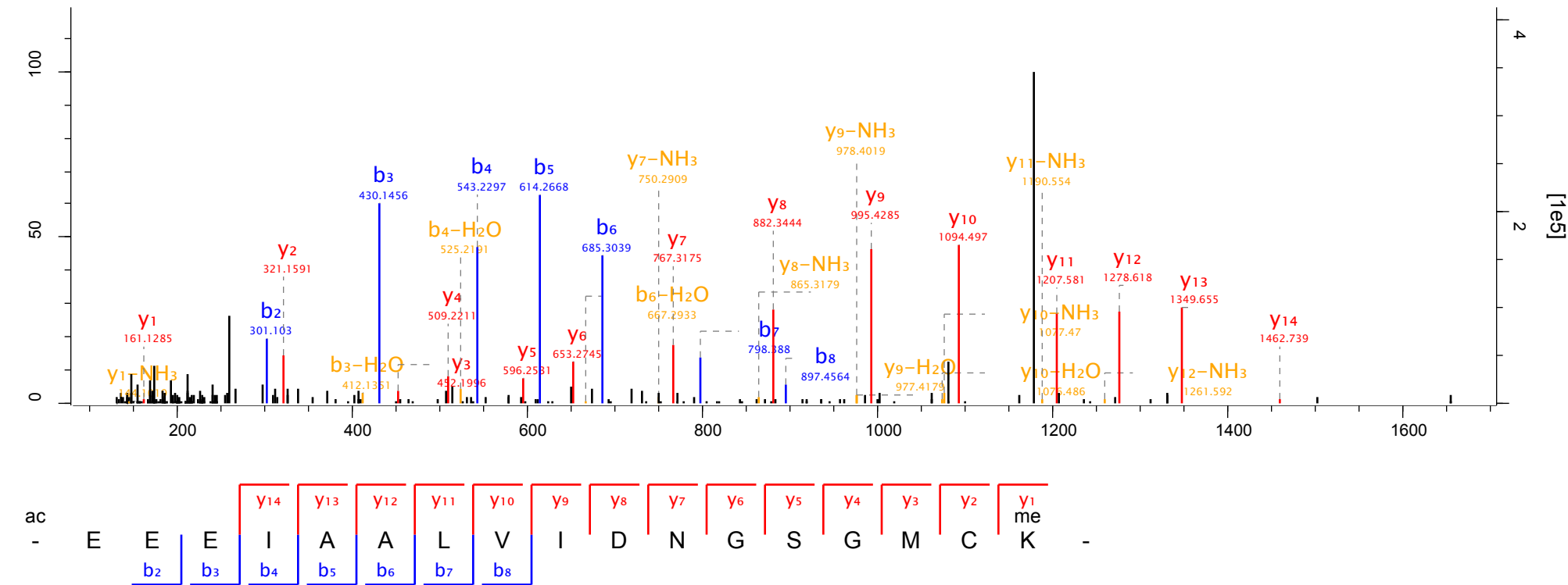
586.33

Gene names

EEF1 E1;EEF1 E1-BLOC1S5



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_100mM	16679	FTMS; HCD	146.3	946.44	ACTG1



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_200mM

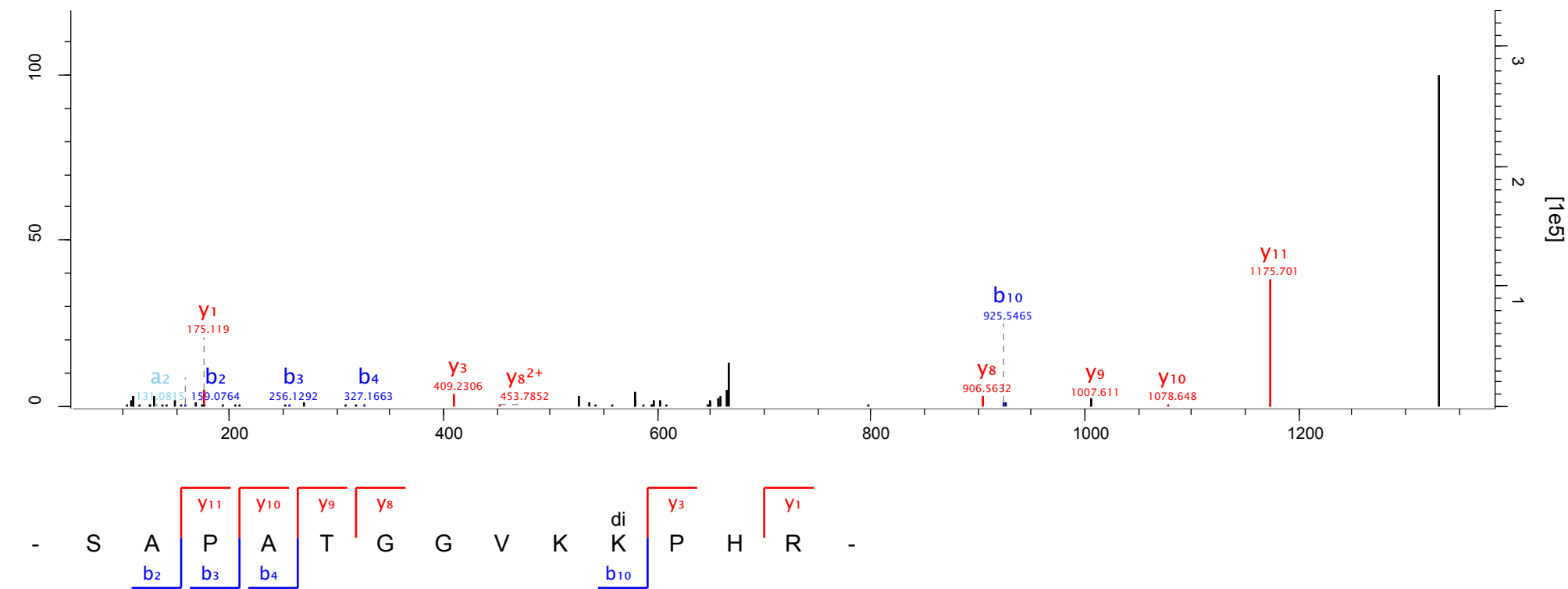
1275

FTMS; HCD

44.51

667.39

HIST2H3PS2;HIST2H3A;HIST3H3;HIST1H3A



Raw file

Zhibin_20150831_MDAOPA_SCX_200mM

Scan

2020

Method

FTMS; HCD

Score

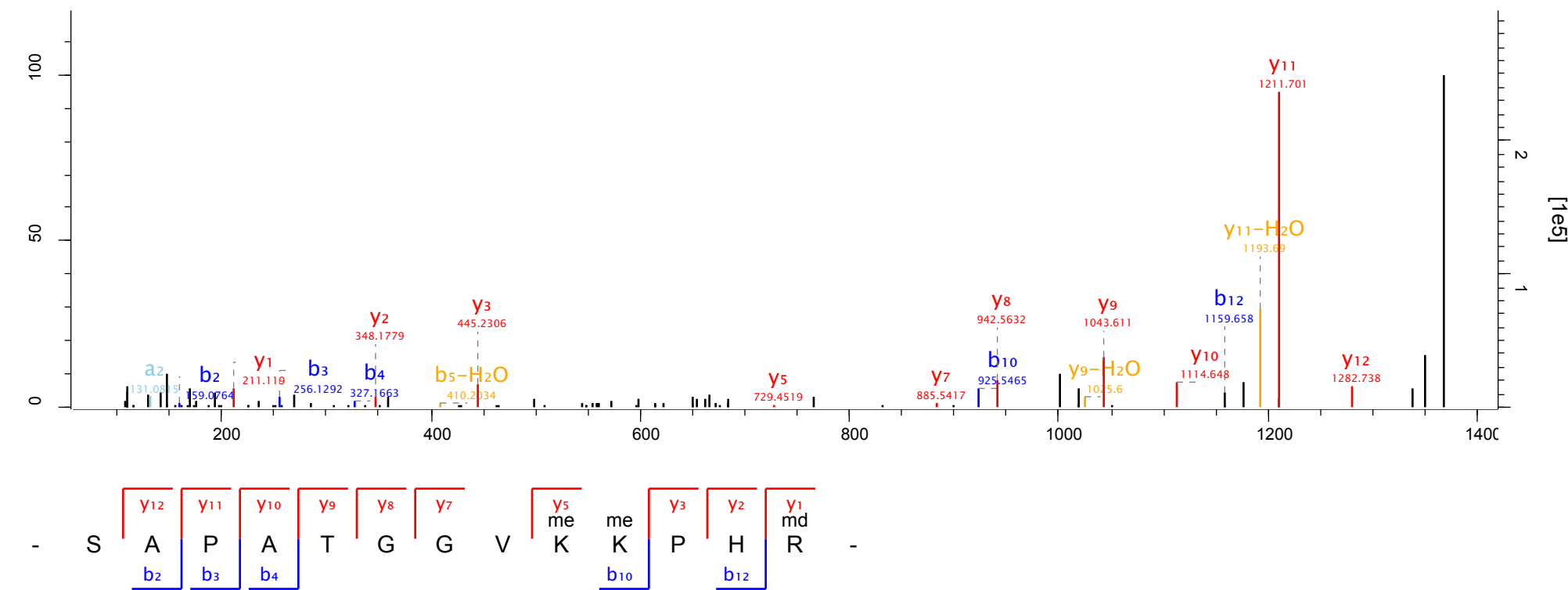
71.88

m/z

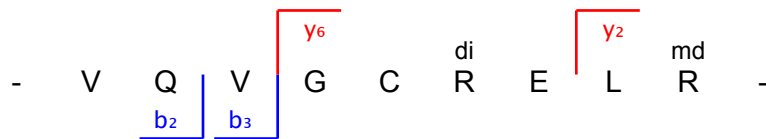
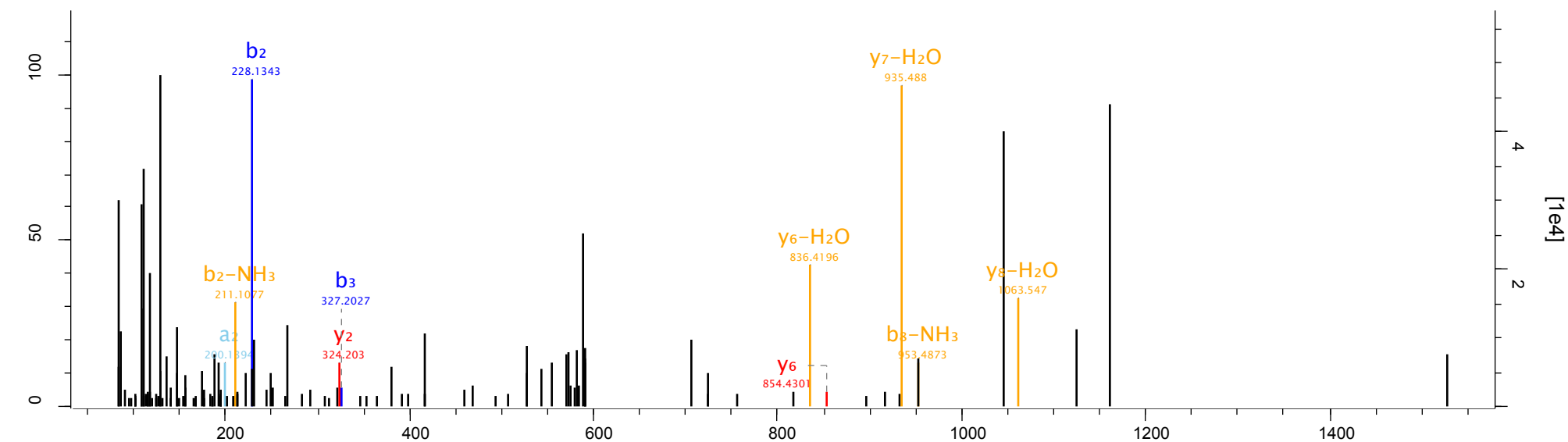
685.39

Gene names

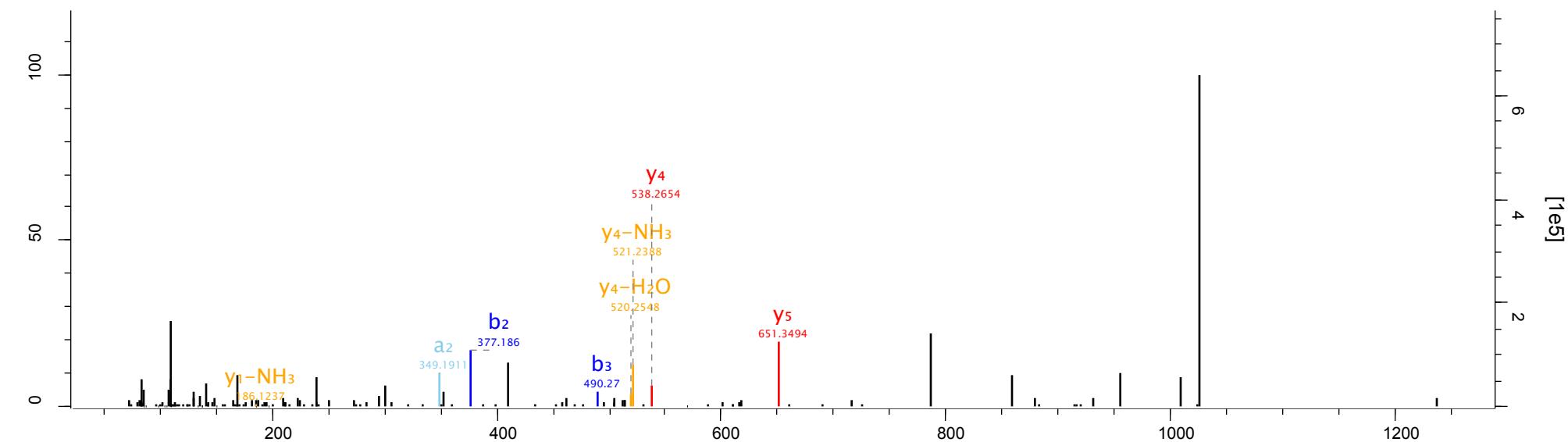
HIST2H3PS2; HIST2H3A; HIST3H3; HIST1H3A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	2021	FTMS; HCD	48.79	590.81	SOSTDC1



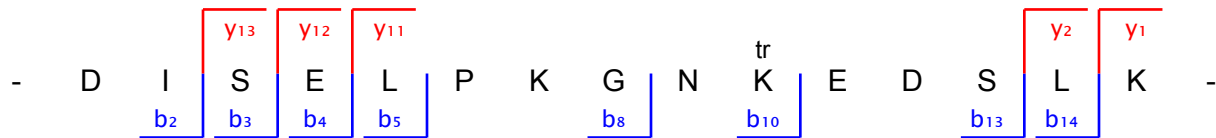
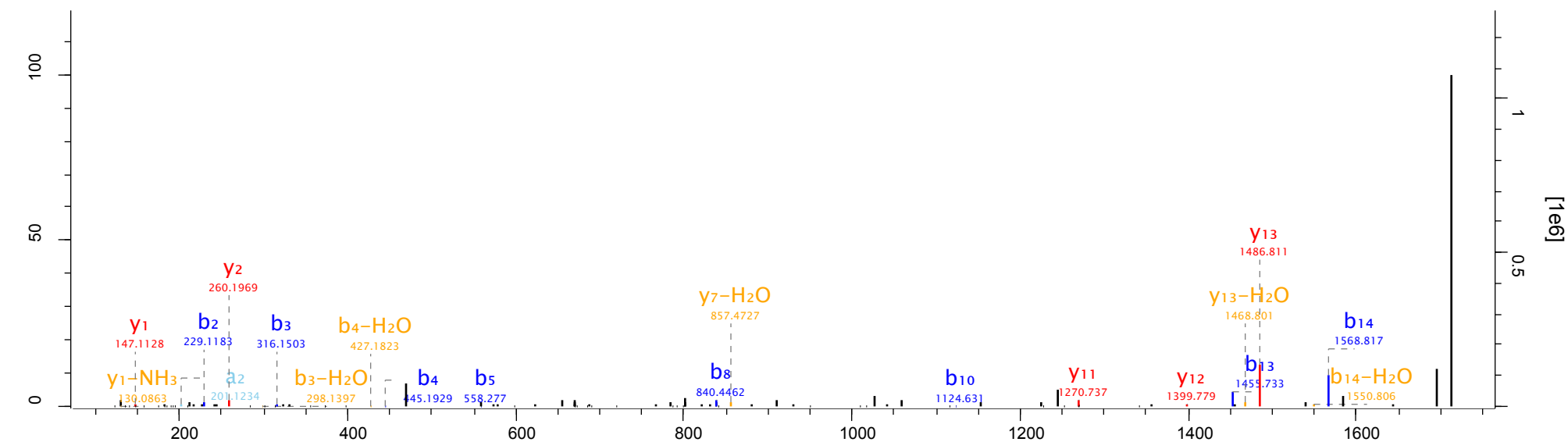
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	2062	FTMS; HCD	54.53	514.27	FGF6



op
- L F I T ox di
- M S R -

b2 b3 y5 y4

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	2388	FTMS; HCD	62.08	858.47	KMT2A



Raw file

Zhibin_20150831_MDAOPA_SCX_200mM

Scan

2559

Method

FTMS; HCD

Score

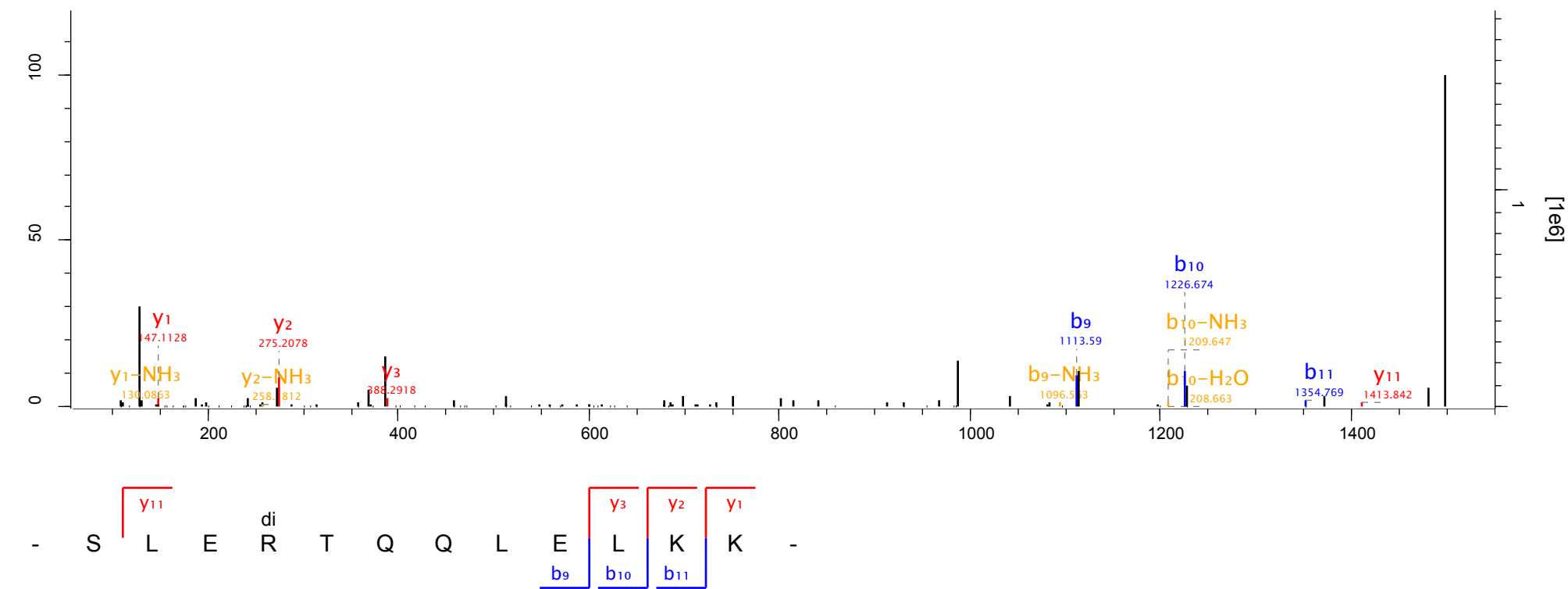
42.08

m/z

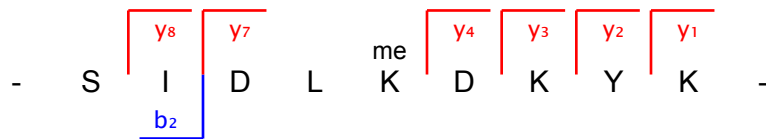
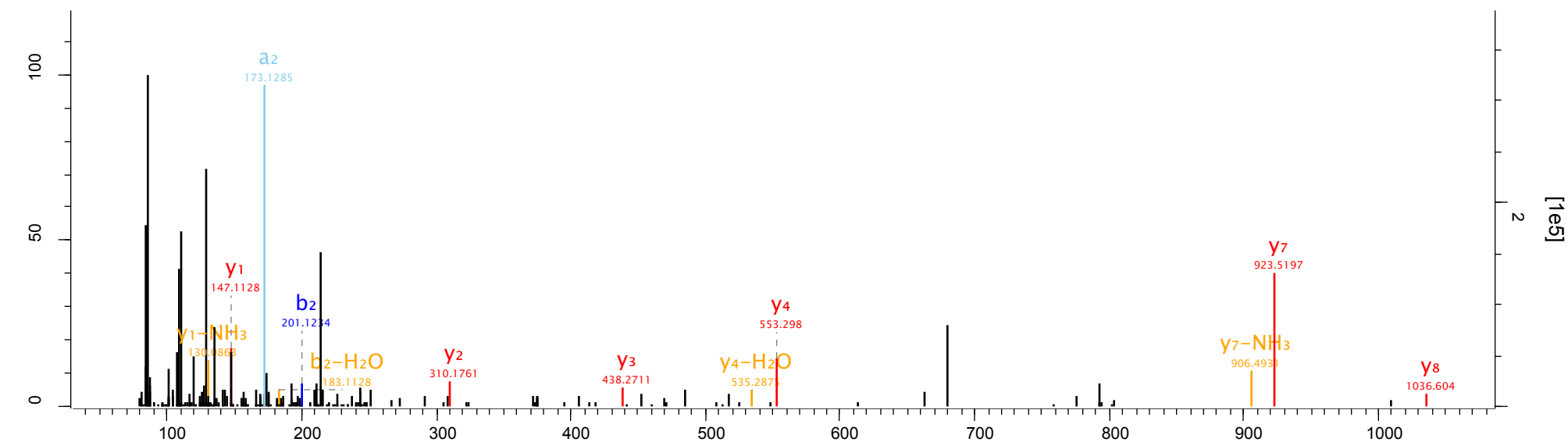
751.44

Gene names

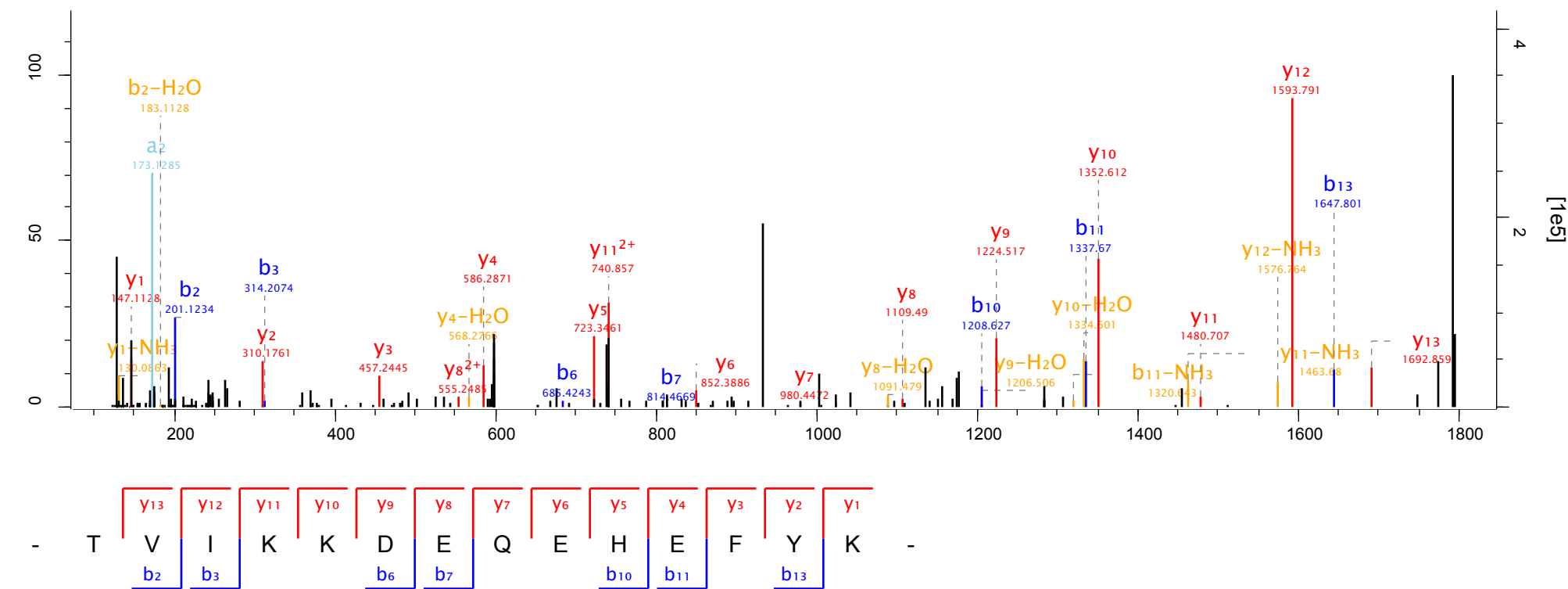
MAP7D2



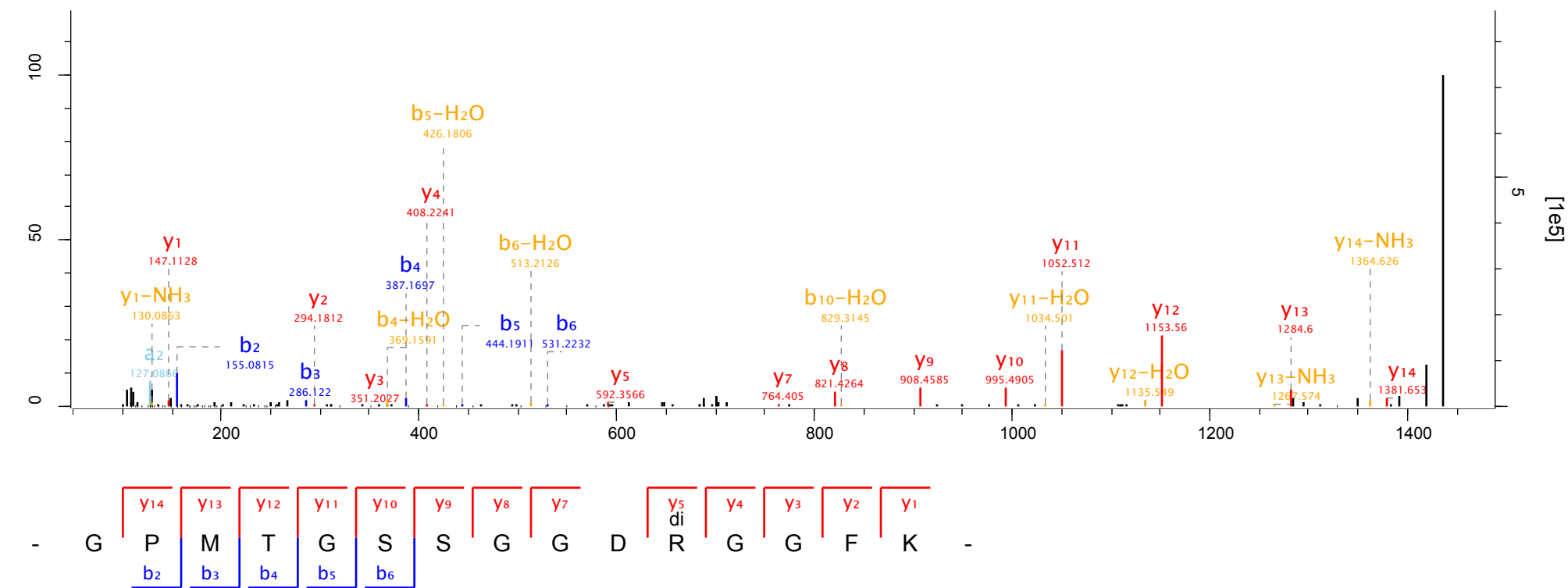
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	2858	FTMS; HCD	54.98	375.22	HSPD1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	2911	FTMS; HCD	127.18	598.64	PSMC4



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	2997	FTMS; HCD	115.91	720.34	TAF15



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_200mM

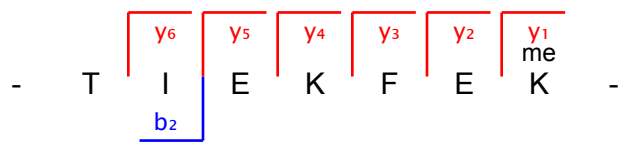
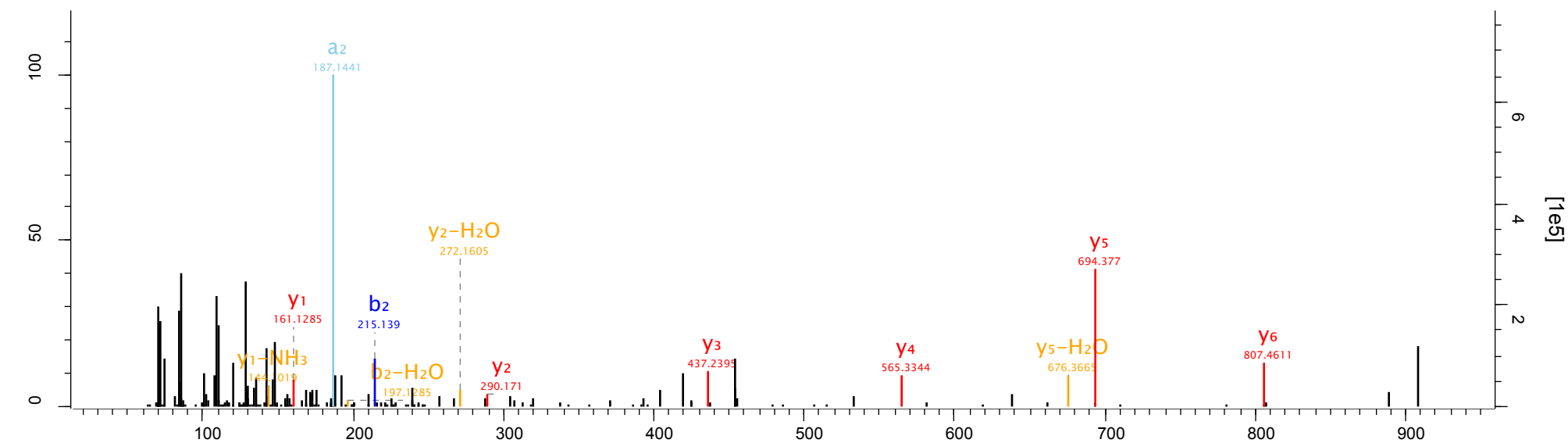
3121

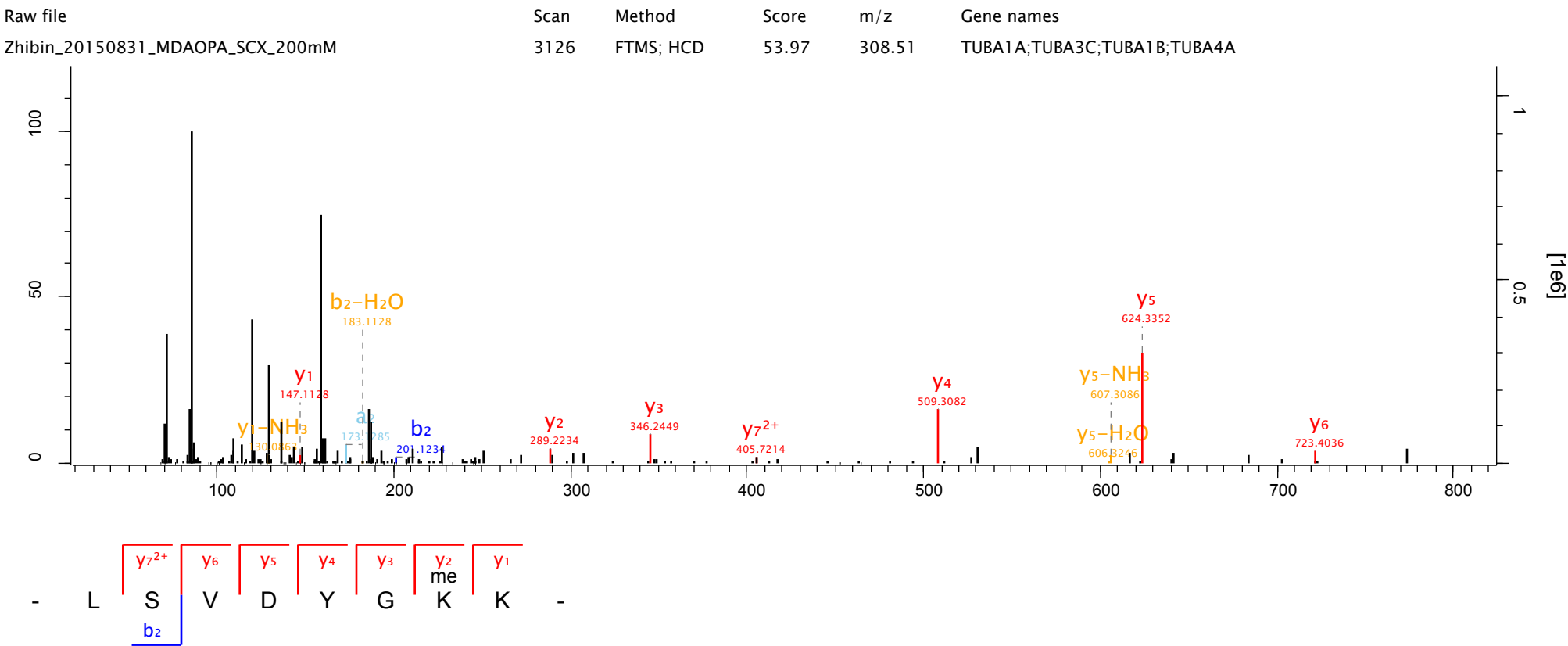
FTMS; HCD

52.72

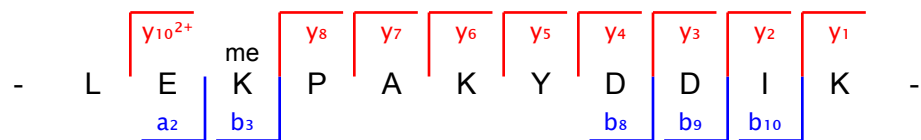
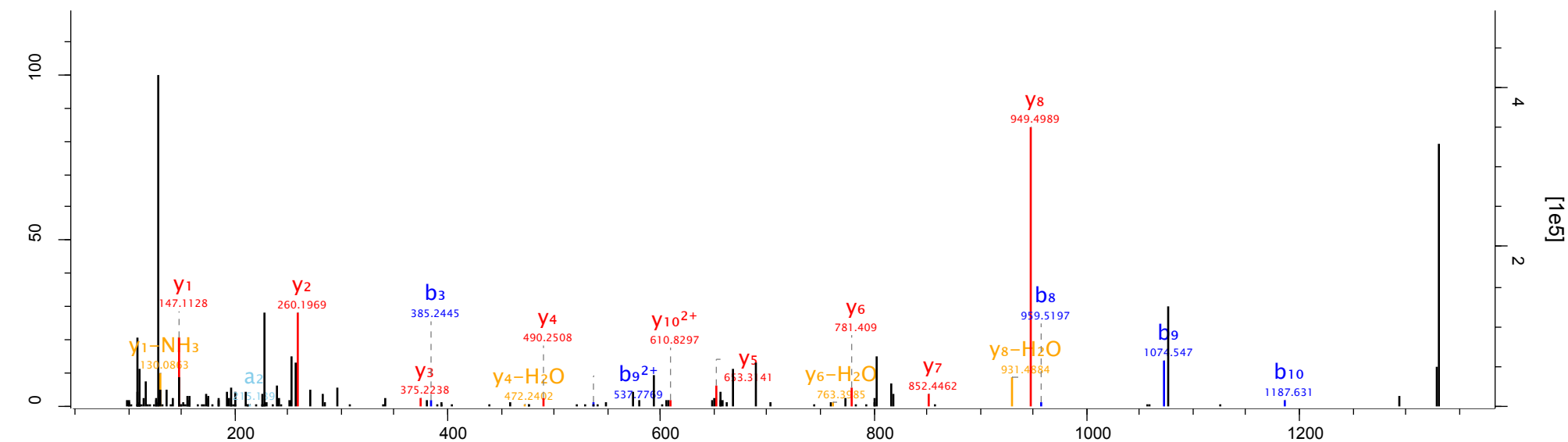
454.76

EEF1A1;EEF1A1P5;EEF1A2

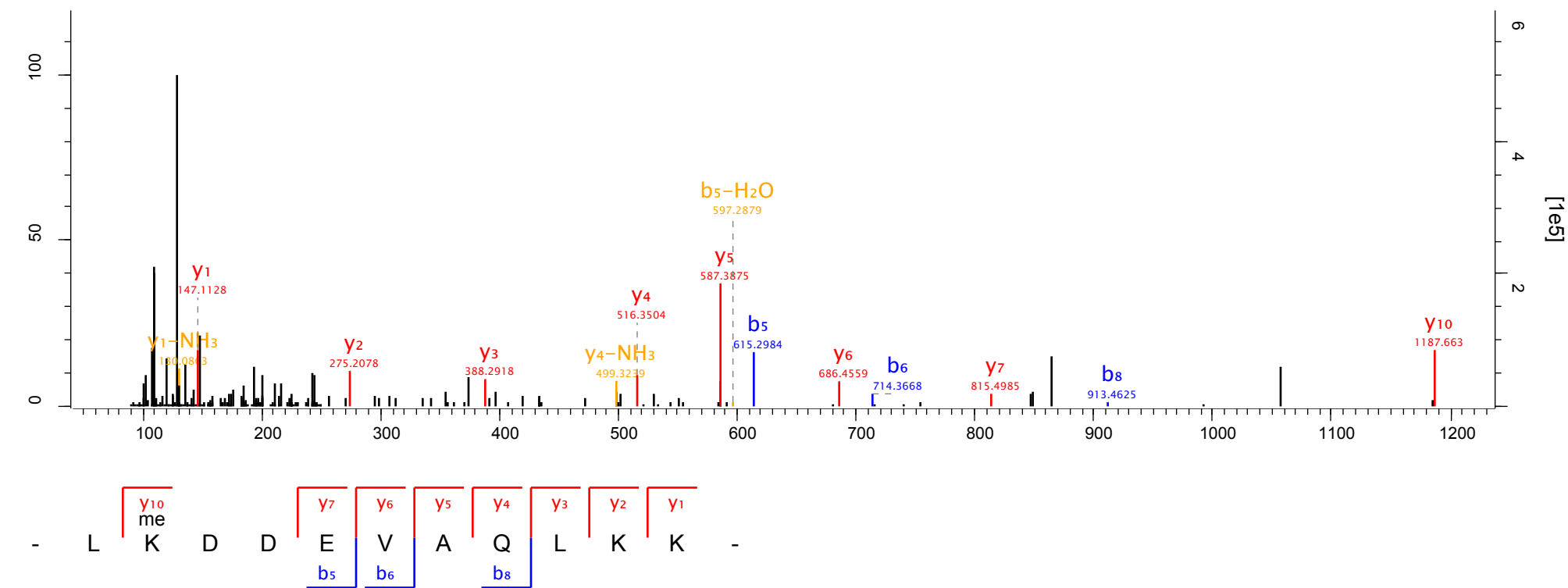




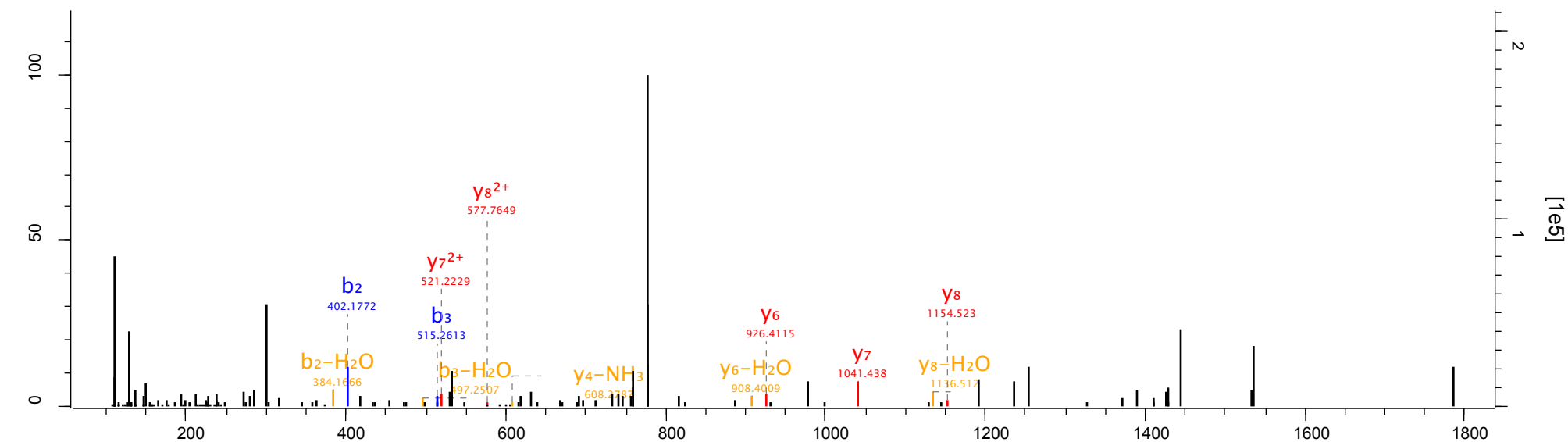
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3139	FTMS; HCD	79.49	667.37	GAPDH



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3206	FTMS; HCD	58.17	434.25	LDHB



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3349	FTMS; HCD	51.28	777.95	YLPM1

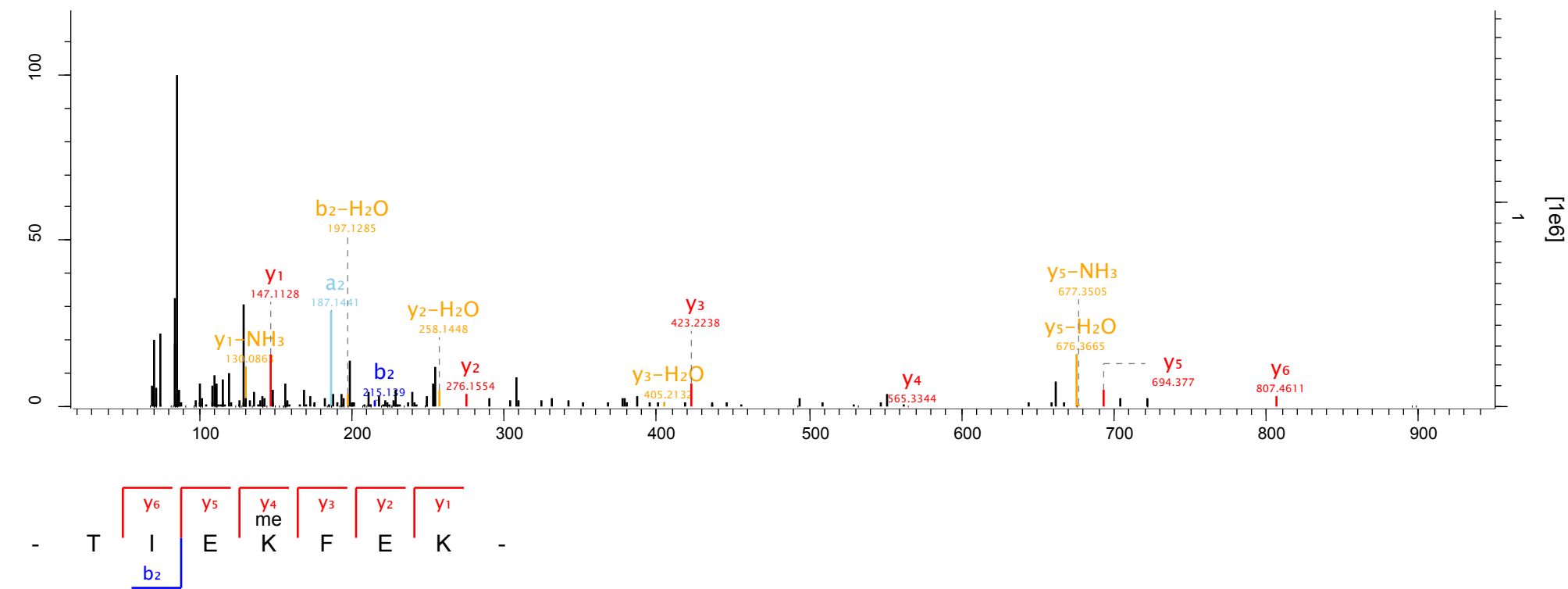


op - E R L D D W D md R E me R -

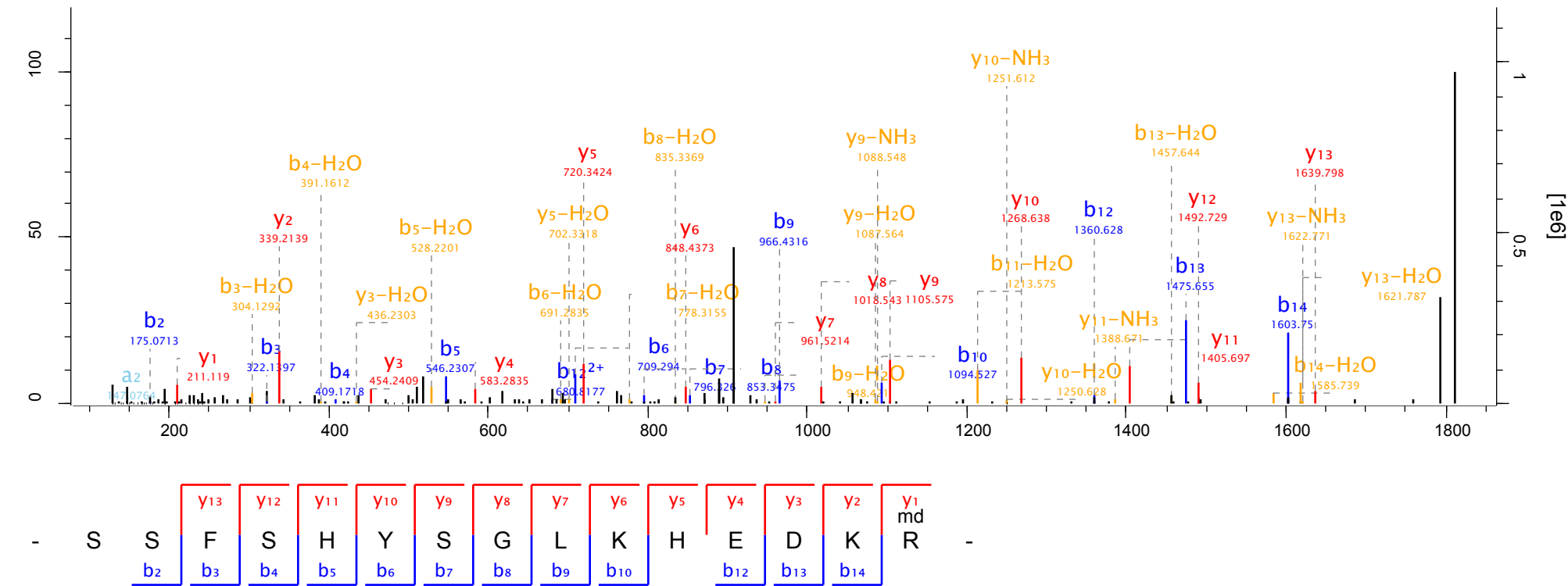
b₂ b₃ y₈ y₇ y₆

Raw file

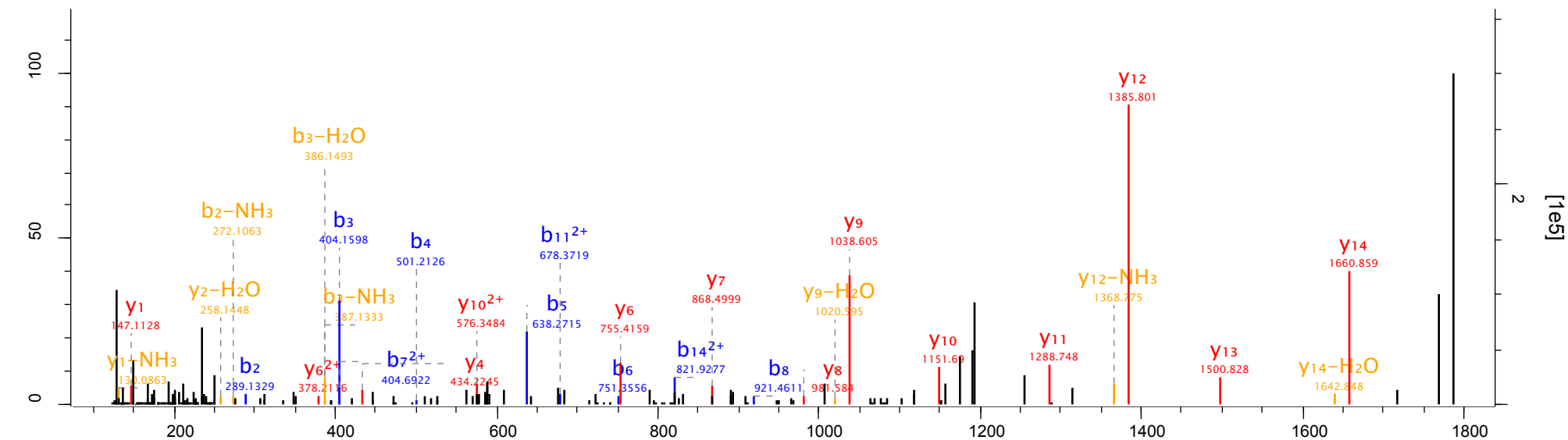
Zhibin_20150831_MDAOPA_SCX_200mM

Scan
3363Method
FTMS; HCDScore
60.9m/z
303.51Gene names
EEF1A1;EEF1A1P5;EEF1A2

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3379	FTMS; HCD	207.85	907.93	SERBP1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3457	FTMS; HCD	113.47	597.32	NDUFS2

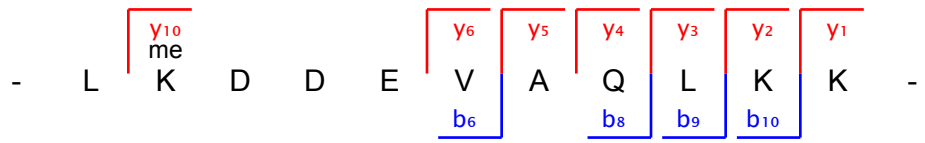
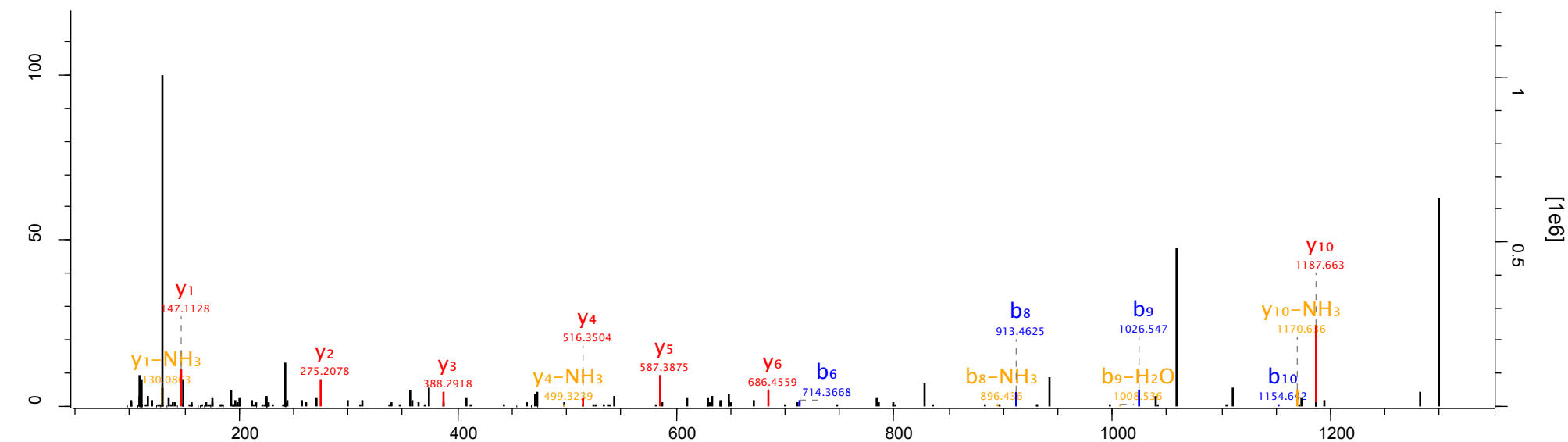


- K C D P H I G L L H di R G T E K -

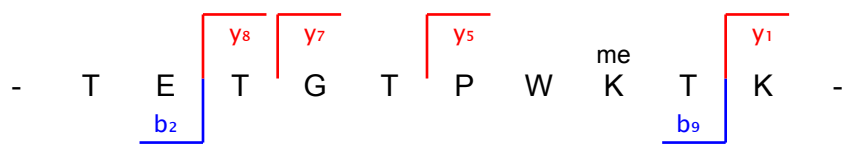
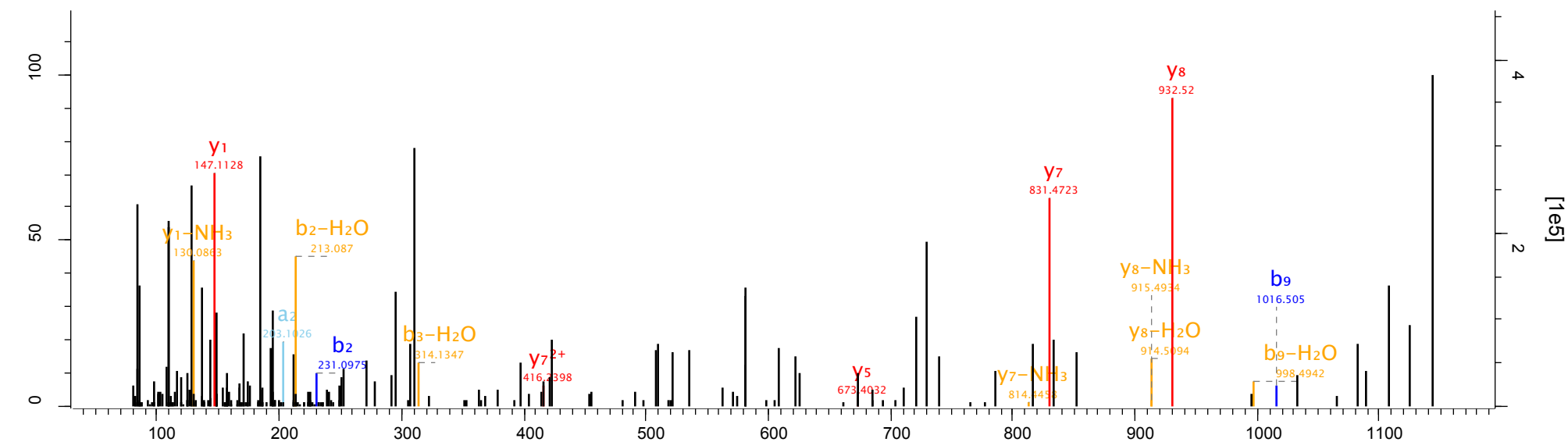
Fragmentation mapping (b and y ions) is shown below the sequence:

- b ions (blue boxes):** b₂ (C), b₃ (CD), b₄ (CDP), b₅ (CDPH), b₆ (CDPI), b₇²⁺ (CDPIG), b₈ (CDPIL).
- y ions (red boxes):** y₁ (K), y₄ (R), y₆ (H), y₇ (LH), y₈ (LH), y₉ (LHG), y₁₀ (LHGI), y₁₁ (LHGP), y₁₂ (LHGP), y₁₃ (LHGP), y₁₄ (LHGP).

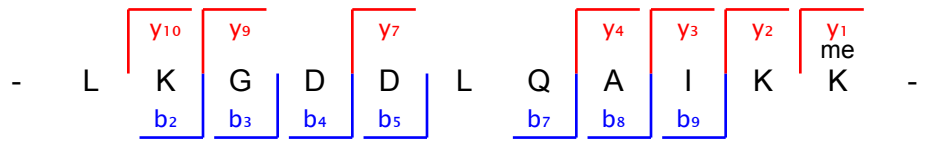
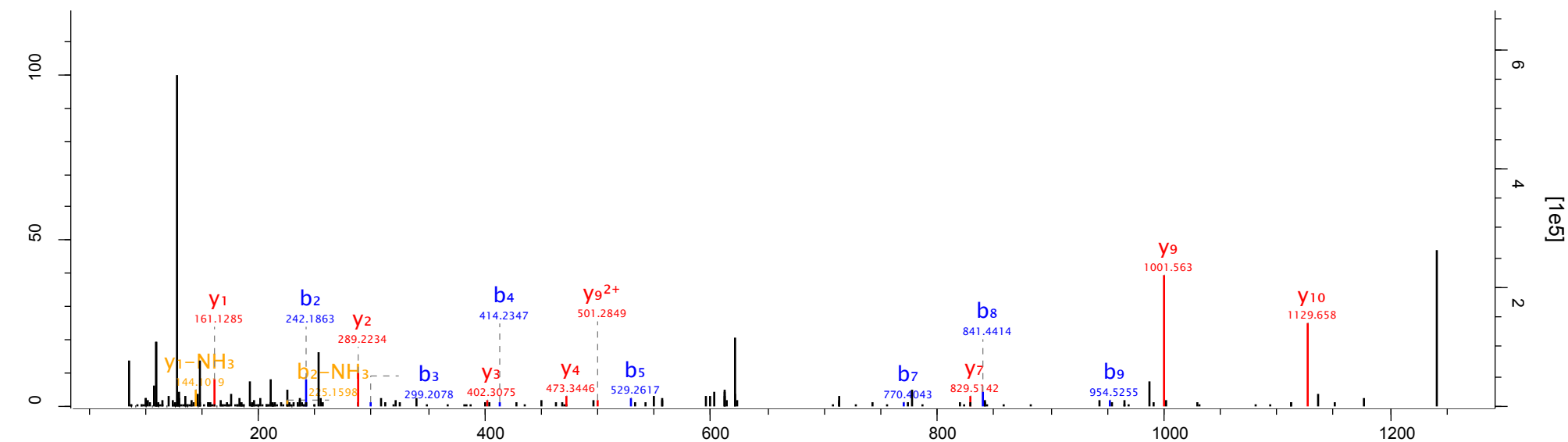
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3543	FTMS; HCD	77.06	650.88	LDHB



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3557	FTMS; HCD	58.96	581.81	OSBPL11

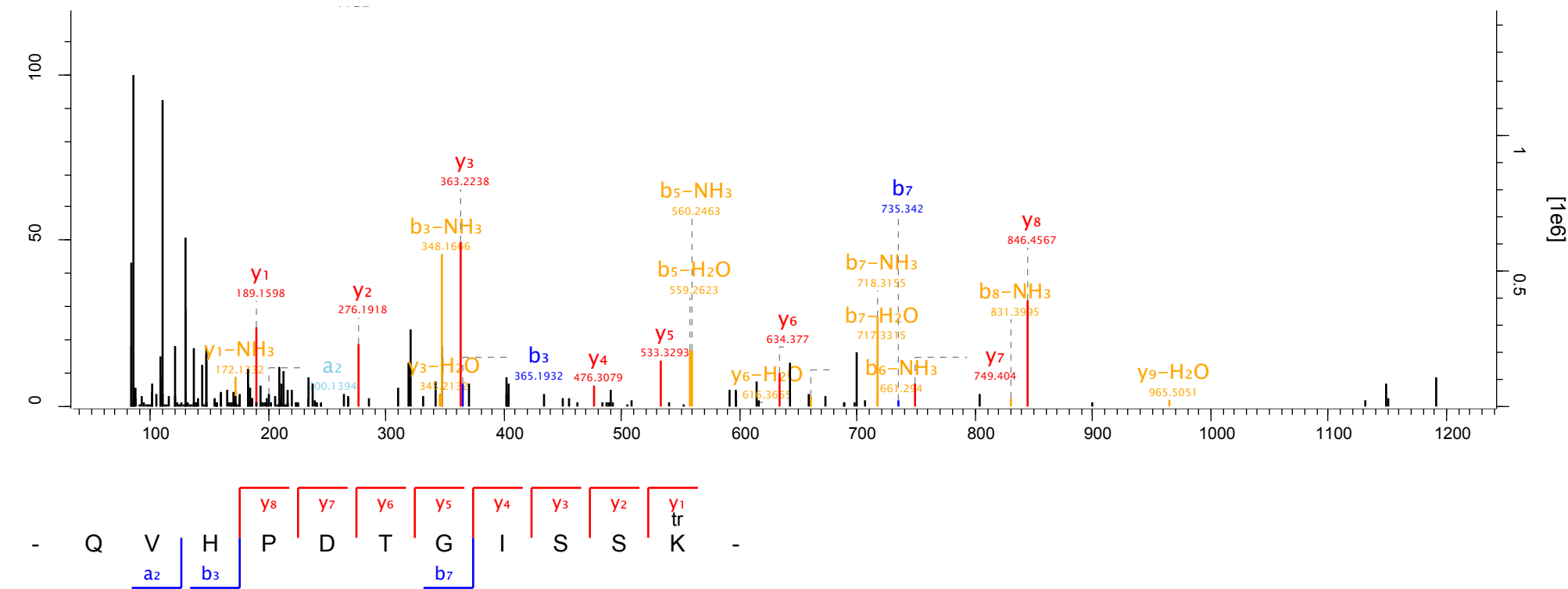


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3570	FTMS; HCD	57.52	621.87	HNRNPC



Zhibin_20150831_MDAOPA_SCX_2 37301 FTMS;

47.71 404.2 HIST2H2BE;HIST1H2BB;HIST1H2BO;HIST1H2BN;HIST1H2BM;HIST1H2BH;HIST2H2BF;HIST1H2BC;HIST1H2BD;HIST1H2BL;HIST1H2BJ;



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_200mM

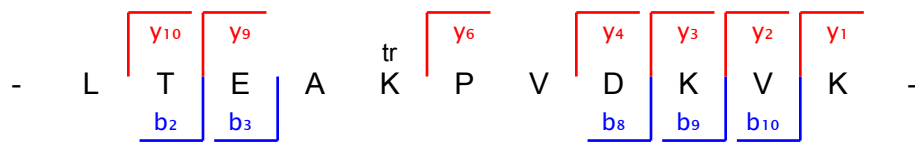
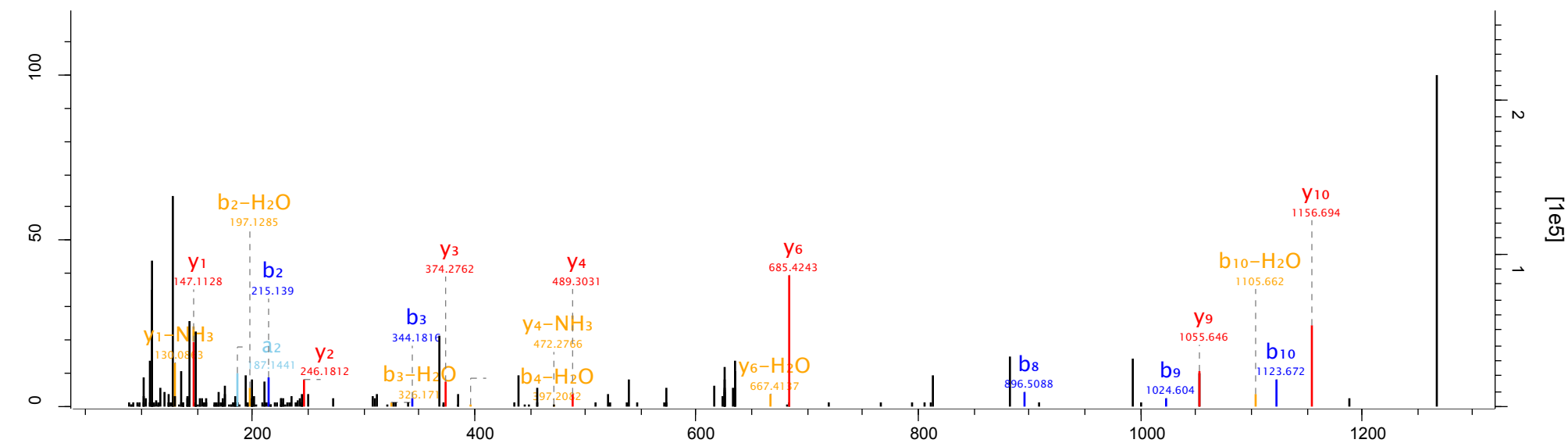
3785

FTMS; HCD

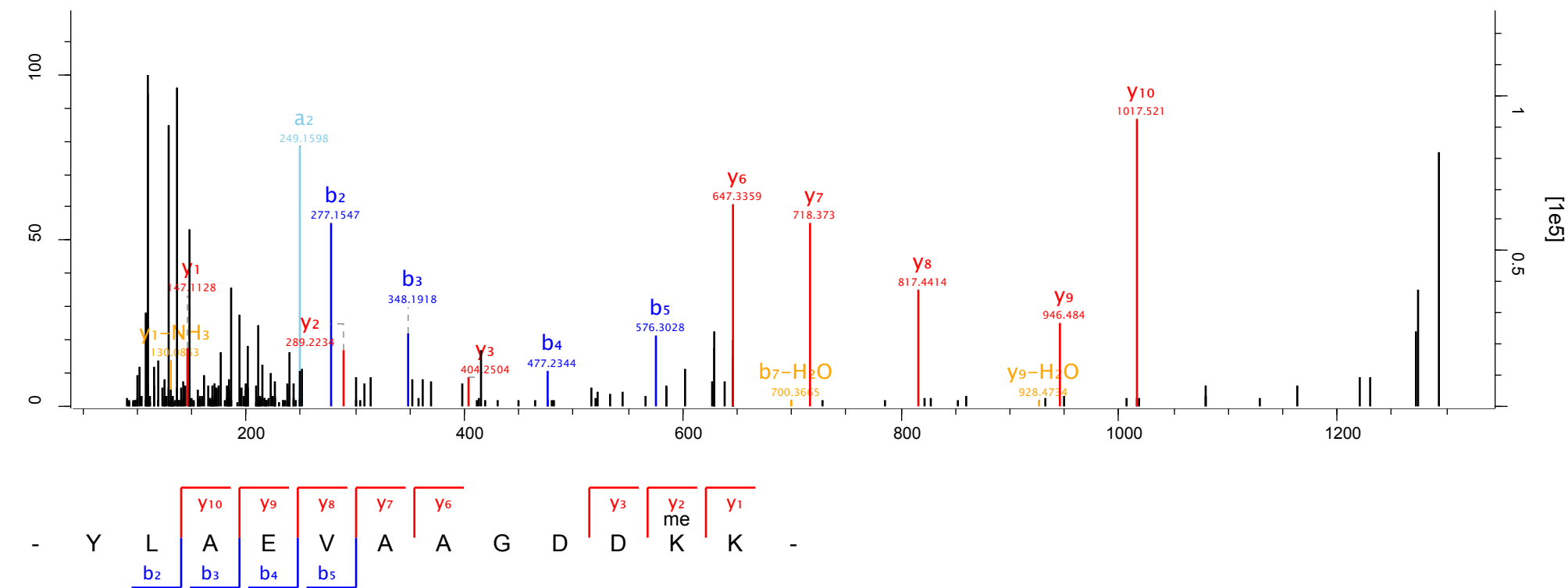
61.48

635.39

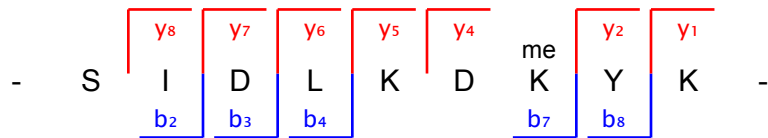
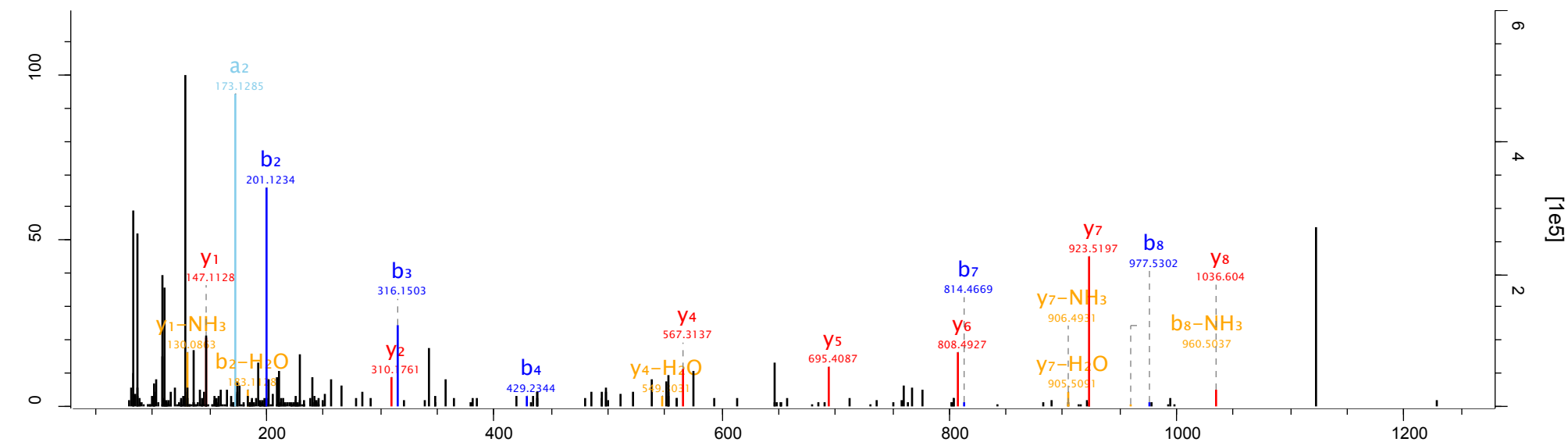
MRPL12



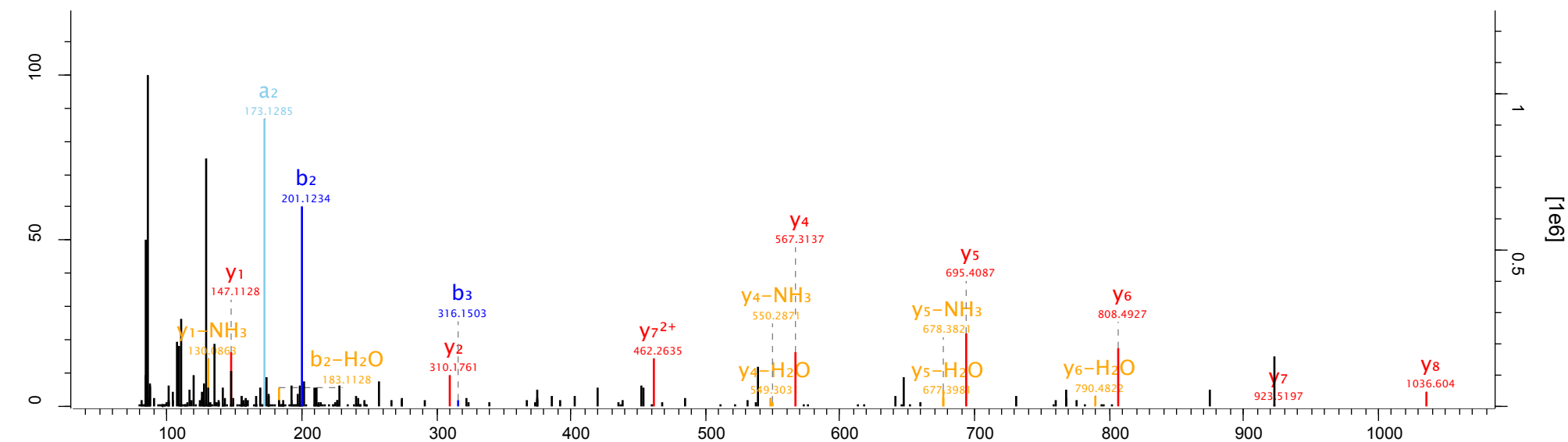
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3798	FTMS; HCD	50.9	647.34	YWHAZ



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3840	FTMS; HCD	78.76	562.32	HSPD1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	3847	FTMS; HCD	90.91	375.22	HSPD1



- S I D L K D me K Y K -

b2 b3

y8 y7 y6 y5 y4 y2 y1

Raw file

Zhibin_20150831_MDAOPA_SCX_200mM

Scan

4026

Method

FTMS; HCD

Score

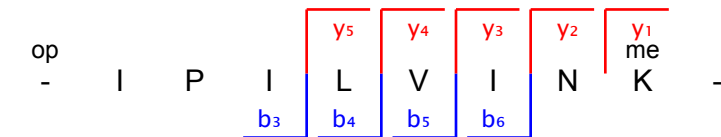
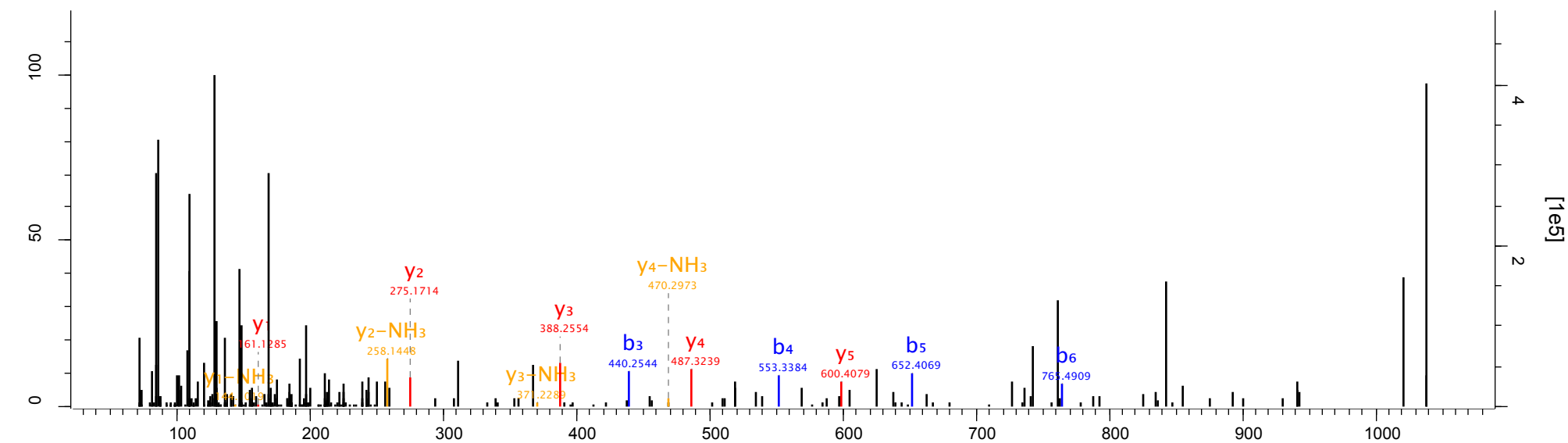
68.91

m/z

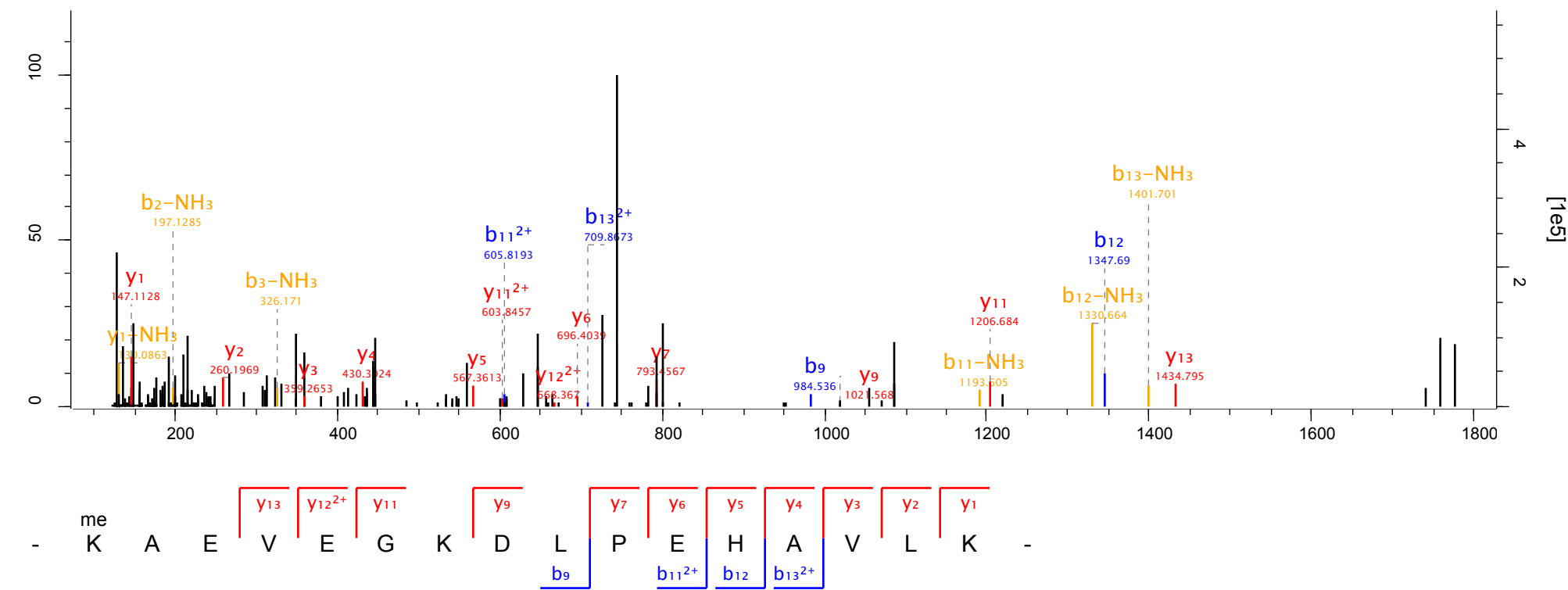
520.33

Gene names

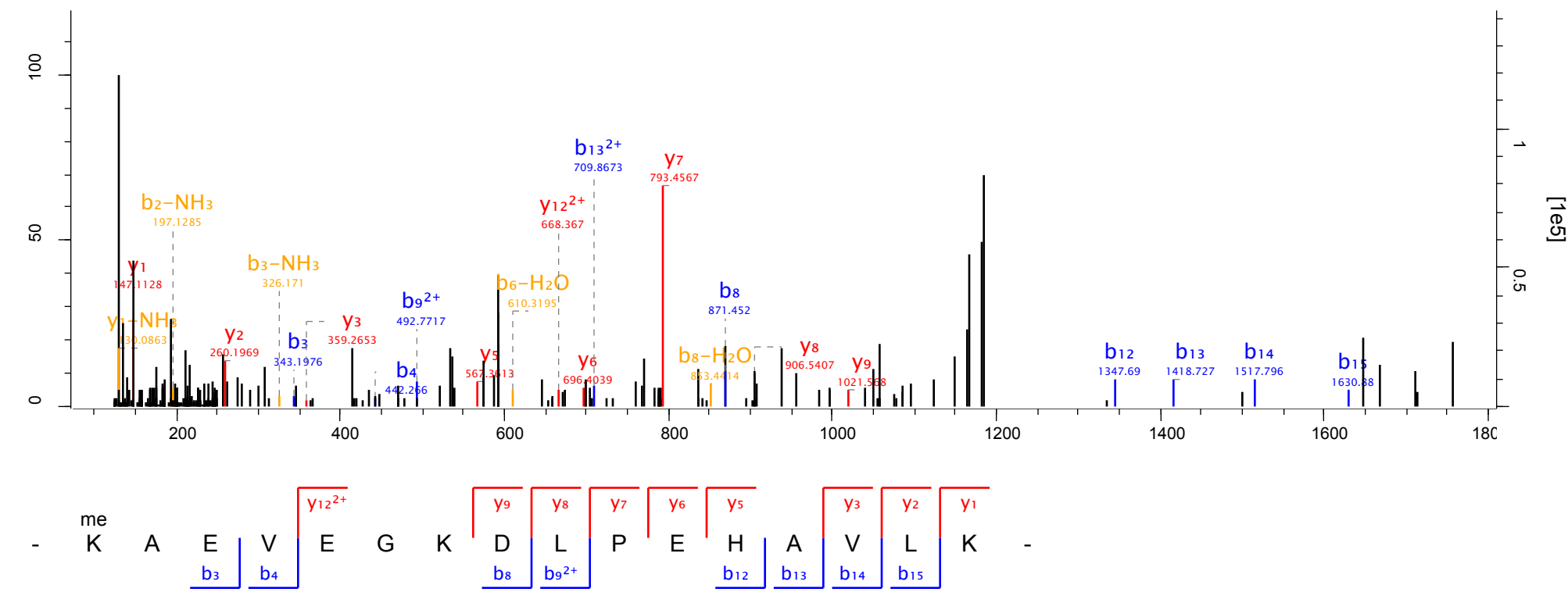
STEAP1B;STEAP1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4117	FTMS; HCD	40.55	445	HNRNPU



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4121	FTMS; HCD	47.9	593.34	HNRNPU



Zhibin_20150831_MDAOPA_SCX_200mM

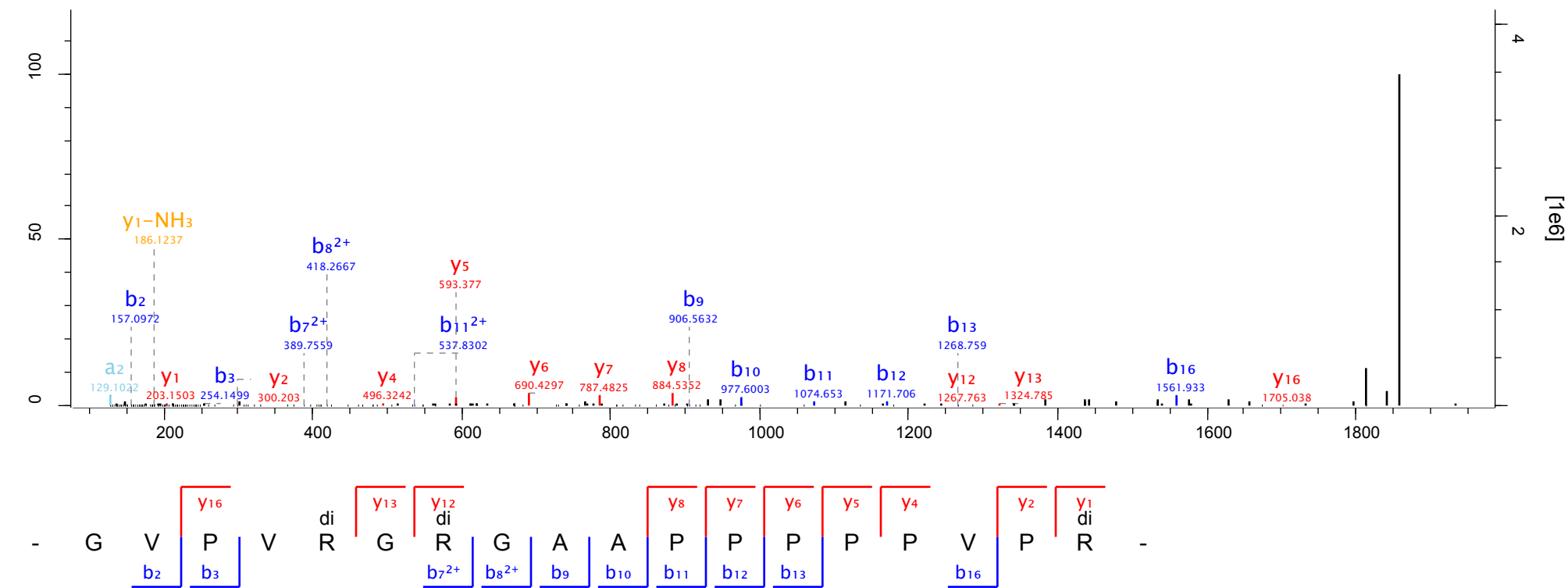
4256

FTMS; HCD

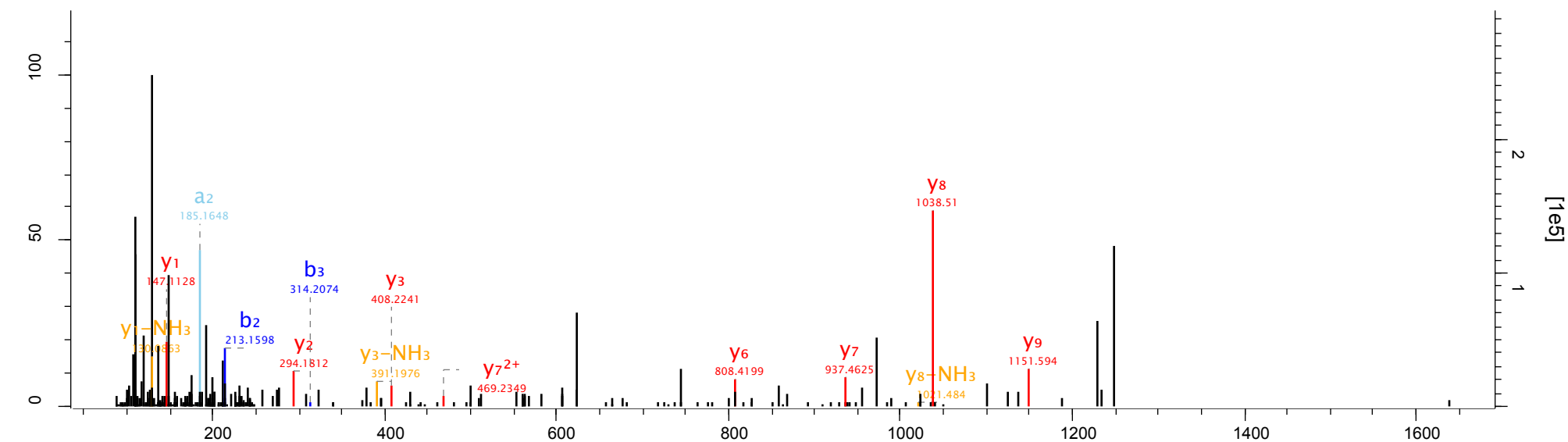
58.98

621.38

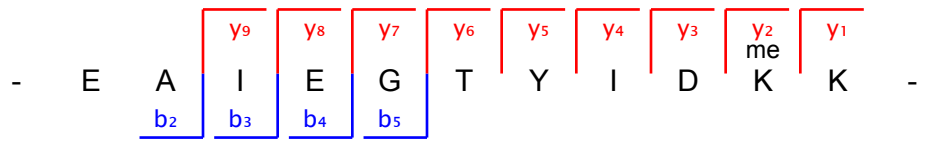
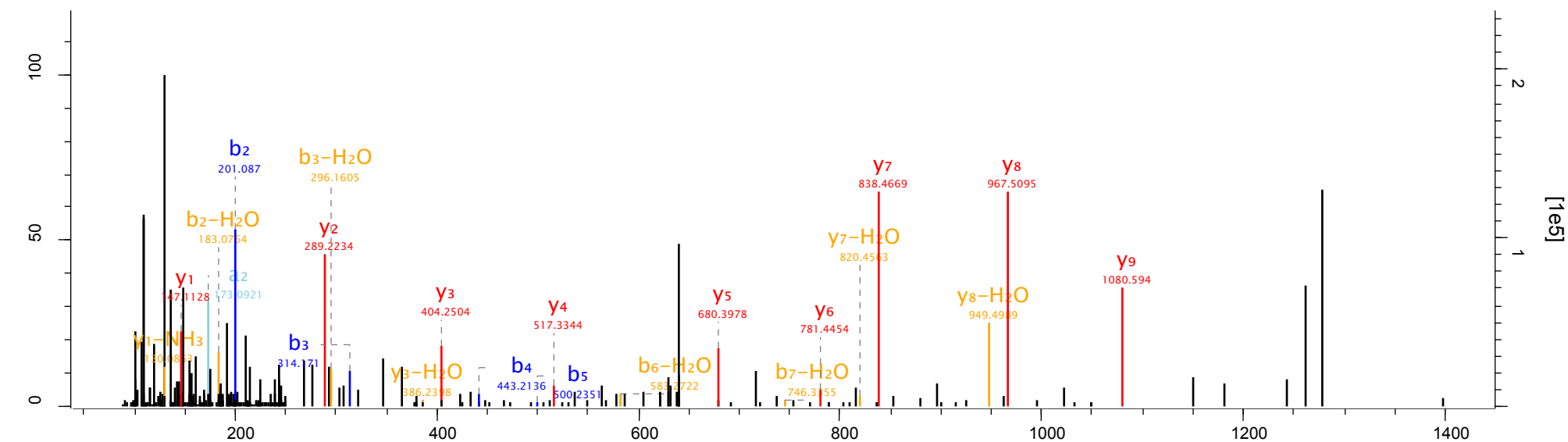
KHDRBS1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4411	FTMS; HCD	57.79	625.83	RPL13



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4444	FTMS; HCD	69.86	640.84	RPS11



Raw file

Zhibin_20150831_MDAOPA_SCX_200mM

Scan

4580

Method

FTMS; HCD

Score

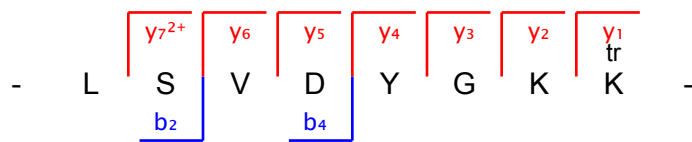
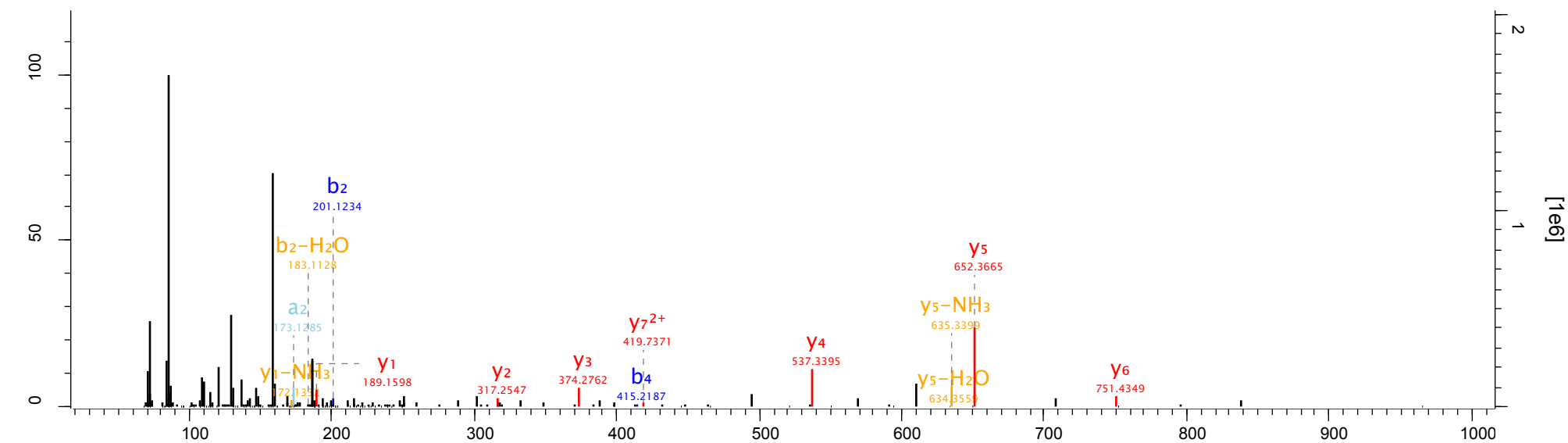
68.38

m/z

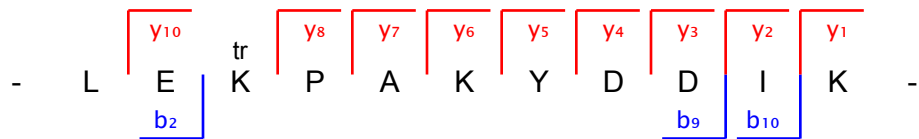
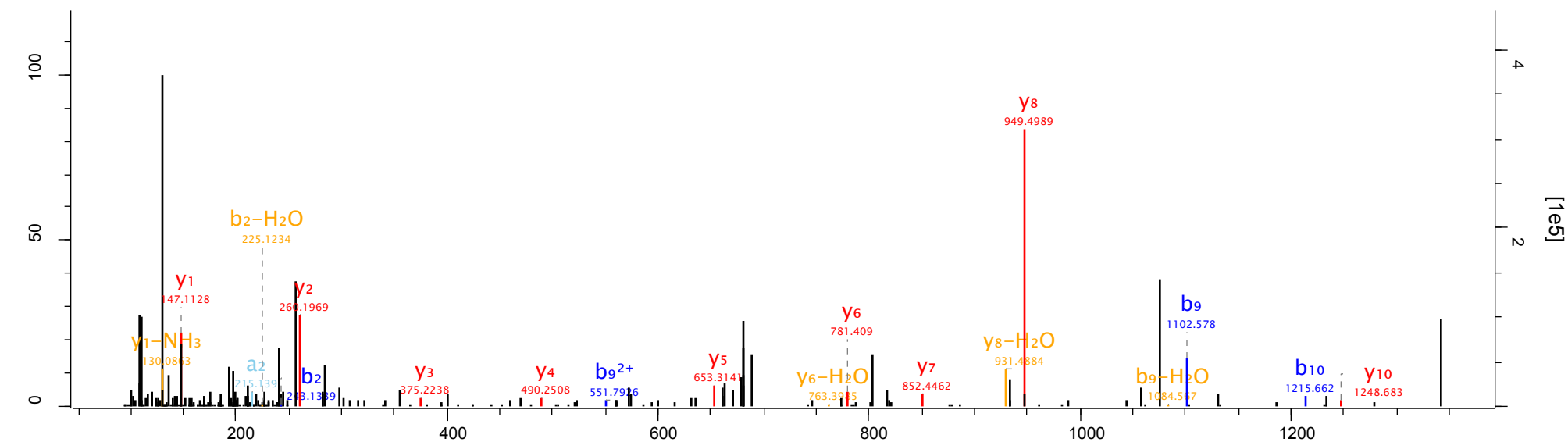
317.86

Gene names

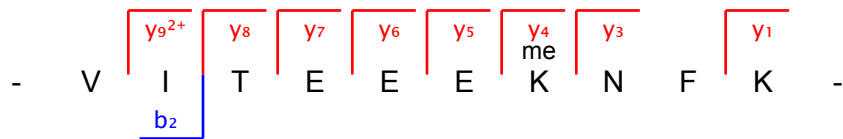
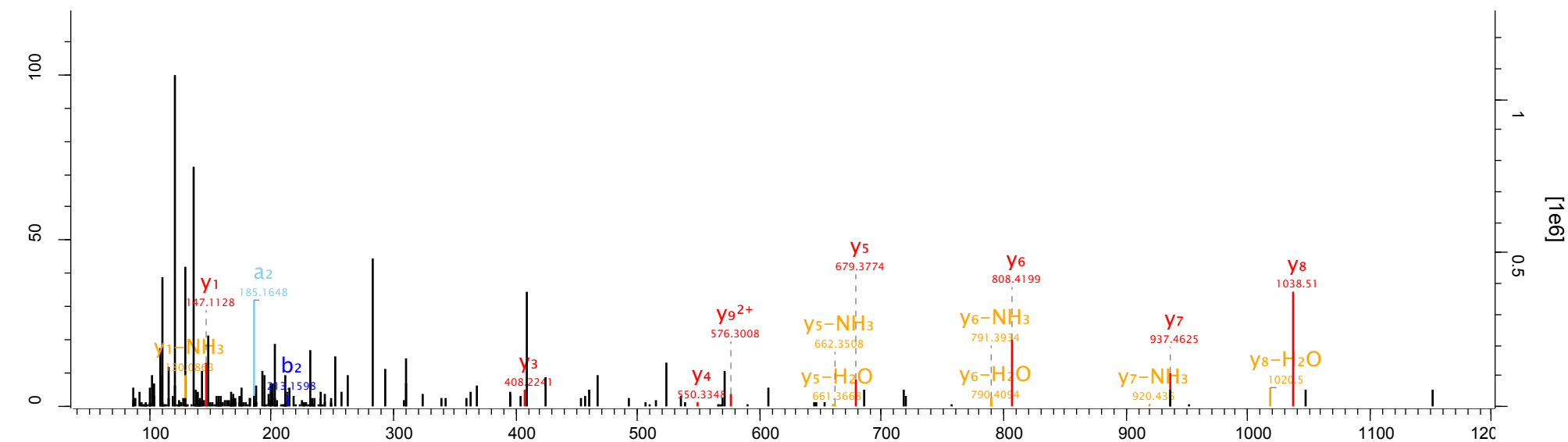
TUBA1A;TUBA3C;TUBA1B;TUBA4A



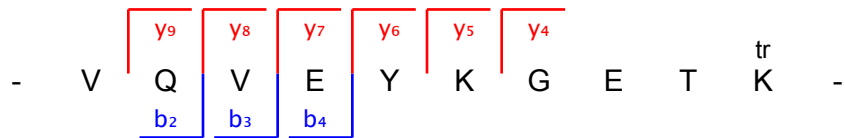
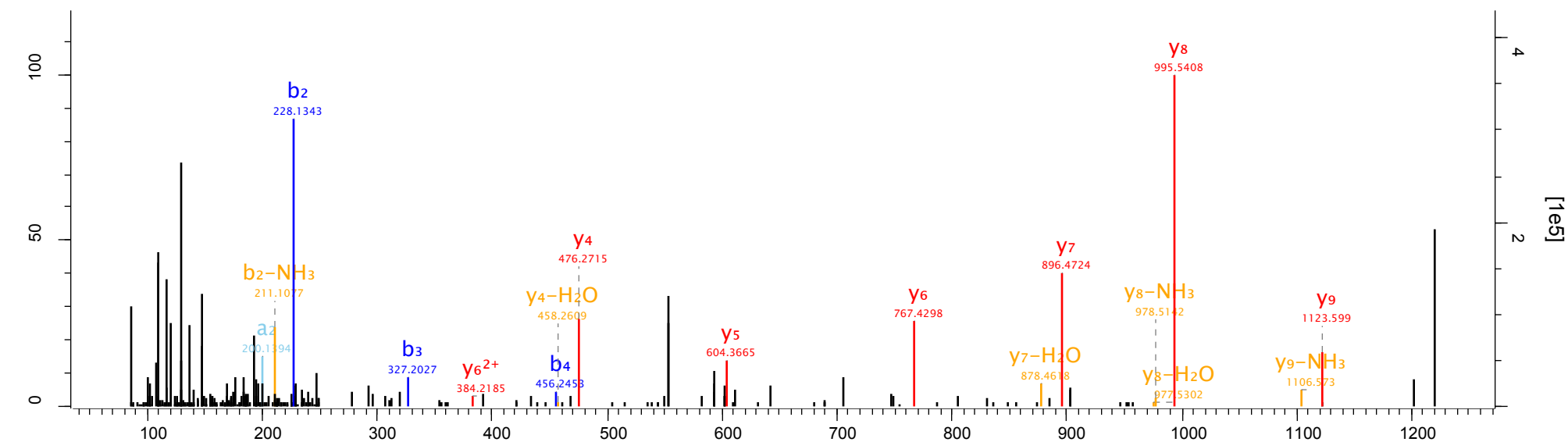
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4586	FTMS; HCD	62.09	681.39	GAPDH



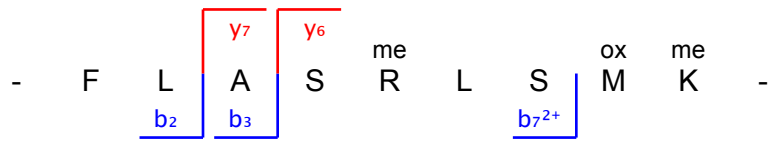
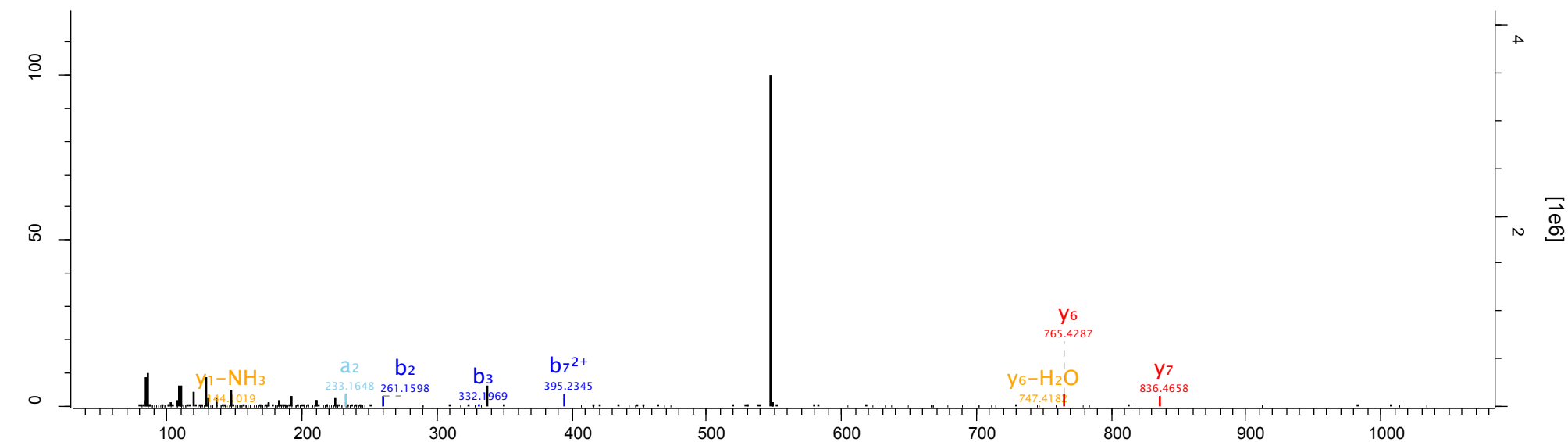
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4615	FTMS; HCD	65.54	417.56	RPL13



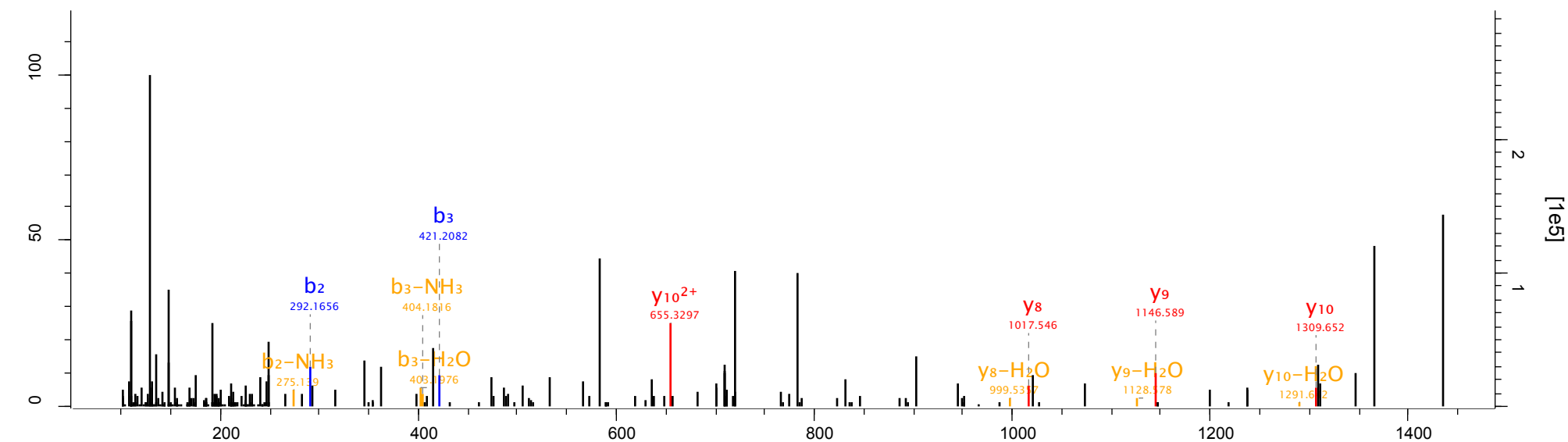
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4652	FTMS; HCD	99.97	611.84	HSPA8;HSPA2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4686	FTMS; HCD	42.6	548.81	CLCNKB



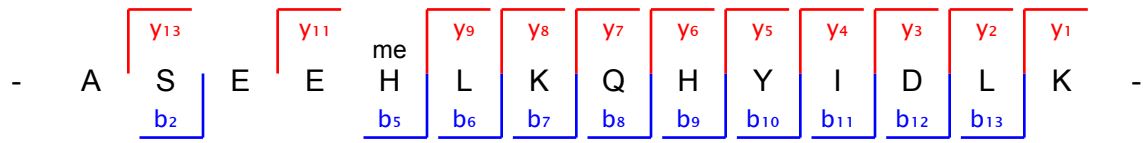
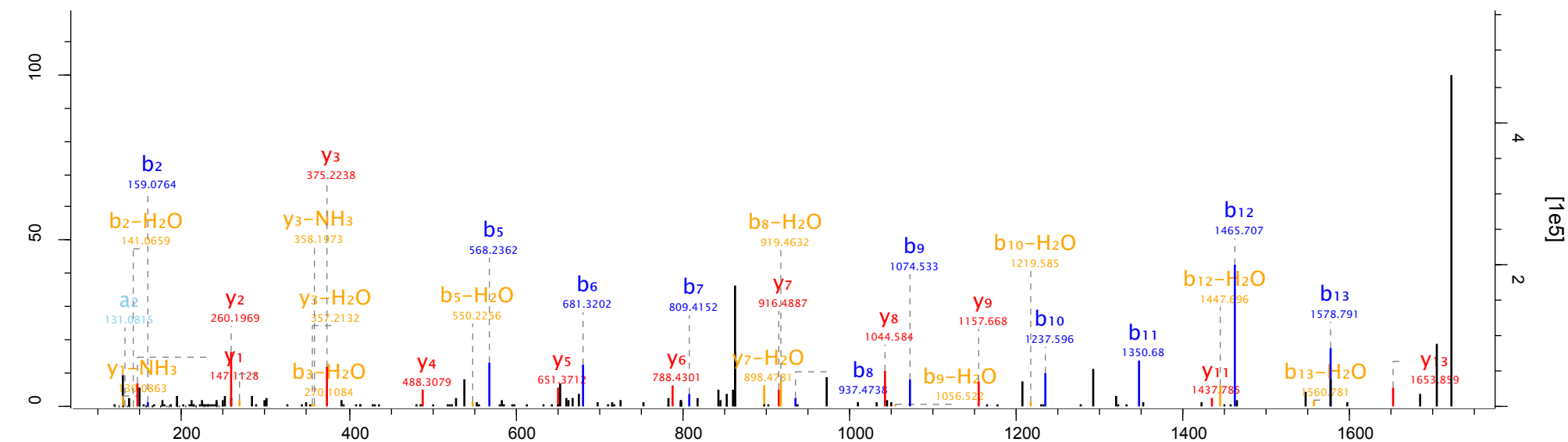
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4740	FTMS; HCD	49	719.88	CCDC173



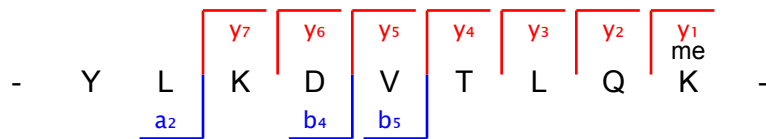
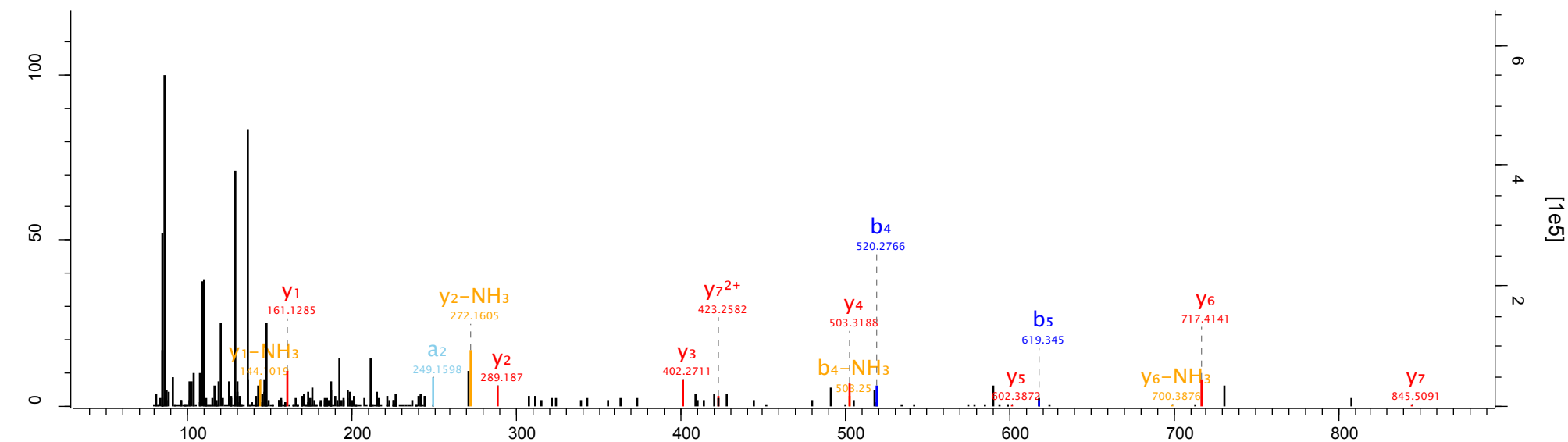
- K Y ^{y₁₀} E ^{y₉} E ^{y₈} di K D A E E I di K -

b₂ b₃

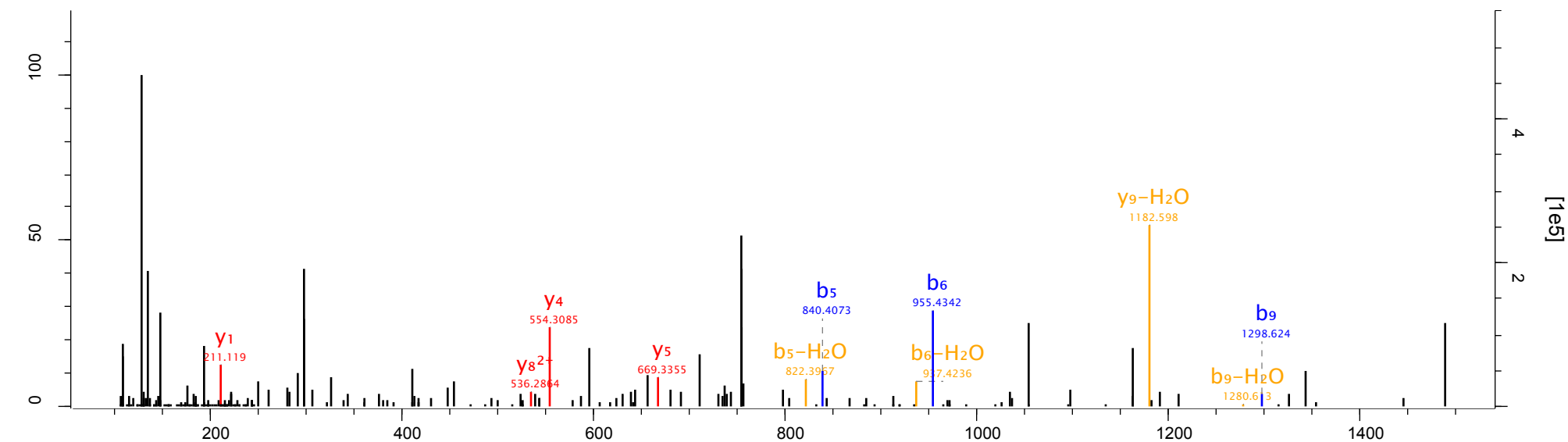
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4950	FTMS; HCD	123.42	863.45	NME1-NME2;NME2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4956	FTMS; HCD	53.12	374.56	RPL17



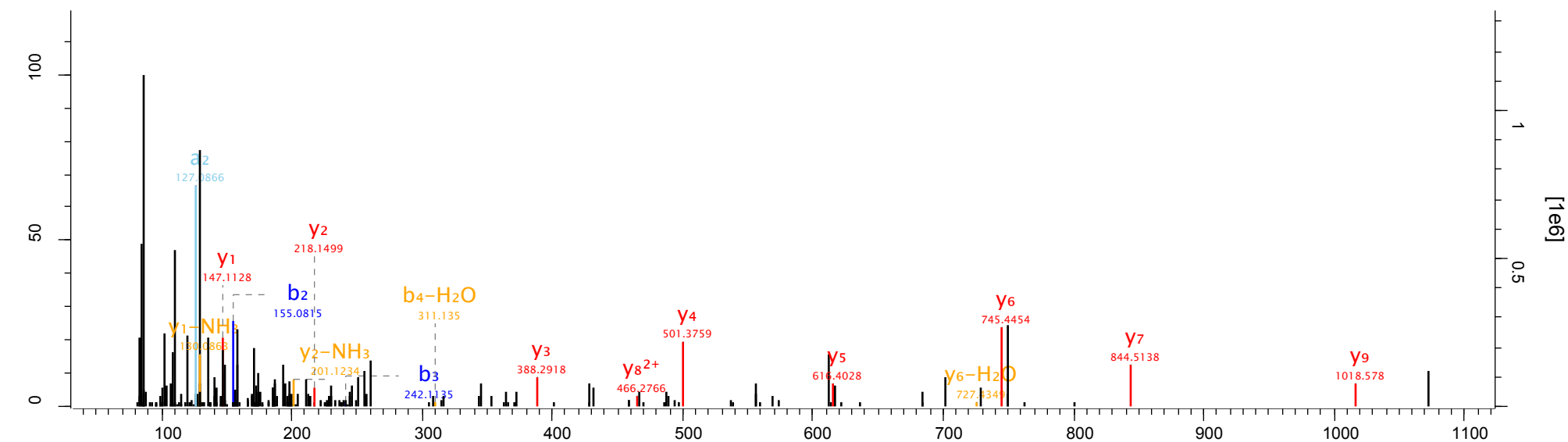
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4960	FTMS; HCD	50.35	754.87	CDC42BPG



op md E y8²⁺
ox
M L me y5
D y4
P F y1
md
R -

b5 b6 b9

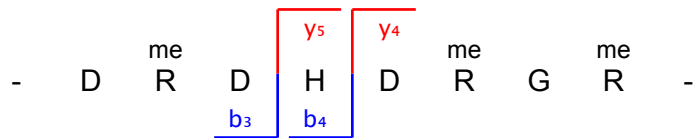
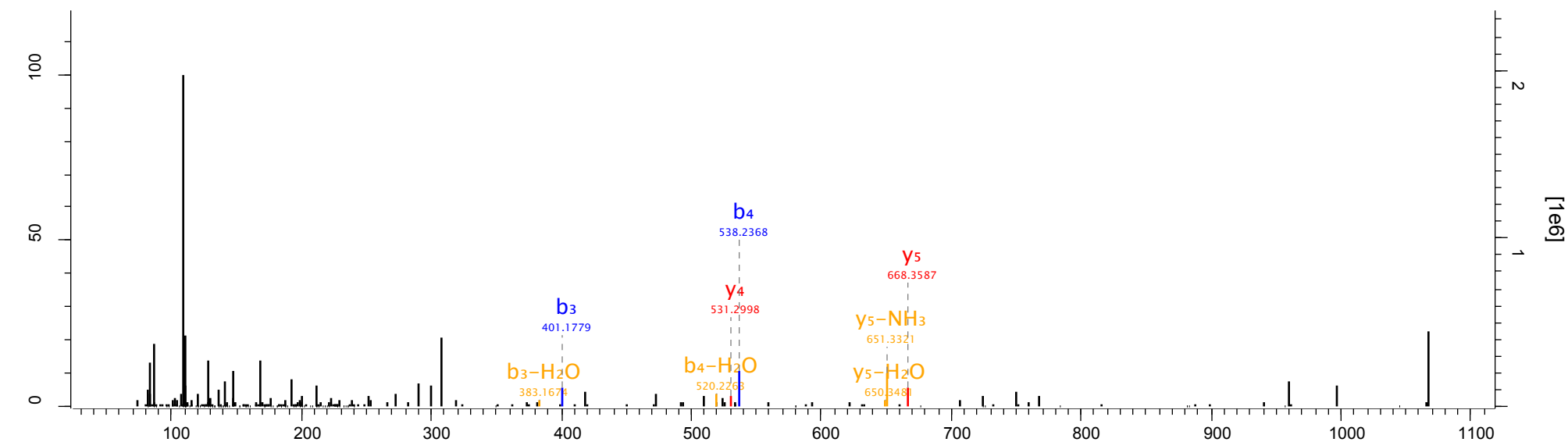
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	4986	FTMS; HCD	44.61	391.56	NPM1



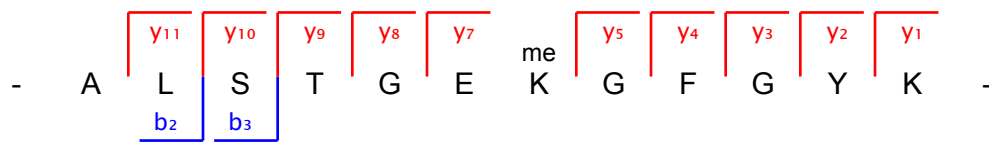
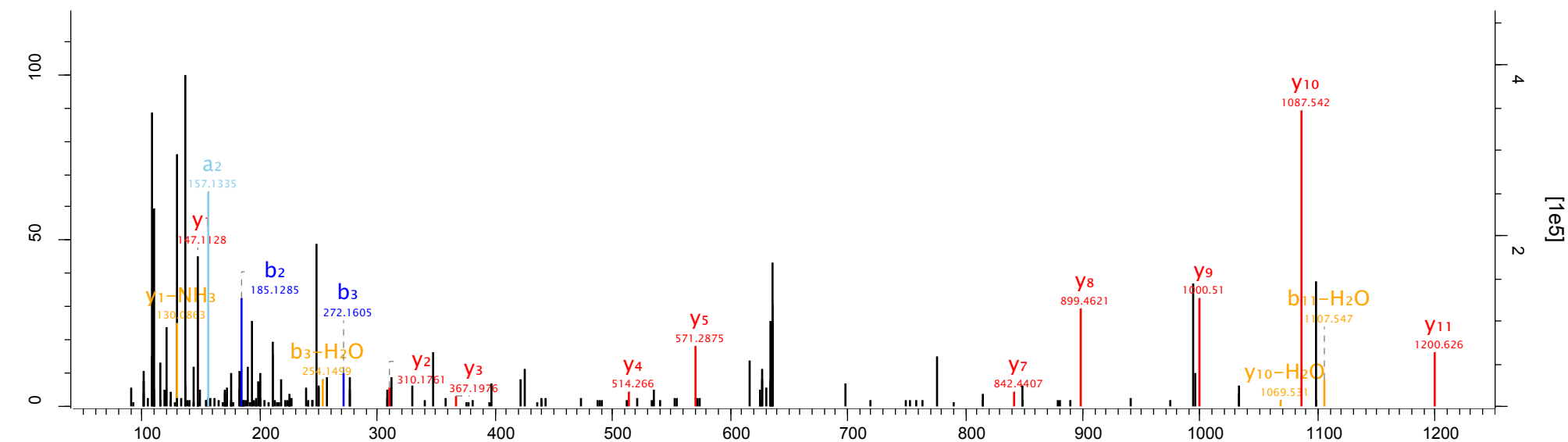
- G P S S V E D I K A K -

b₂
b₃
y₉
y₈²⁺
y₇
y₆
y₅
y₄
y₃_{tr}
y₂
y₁

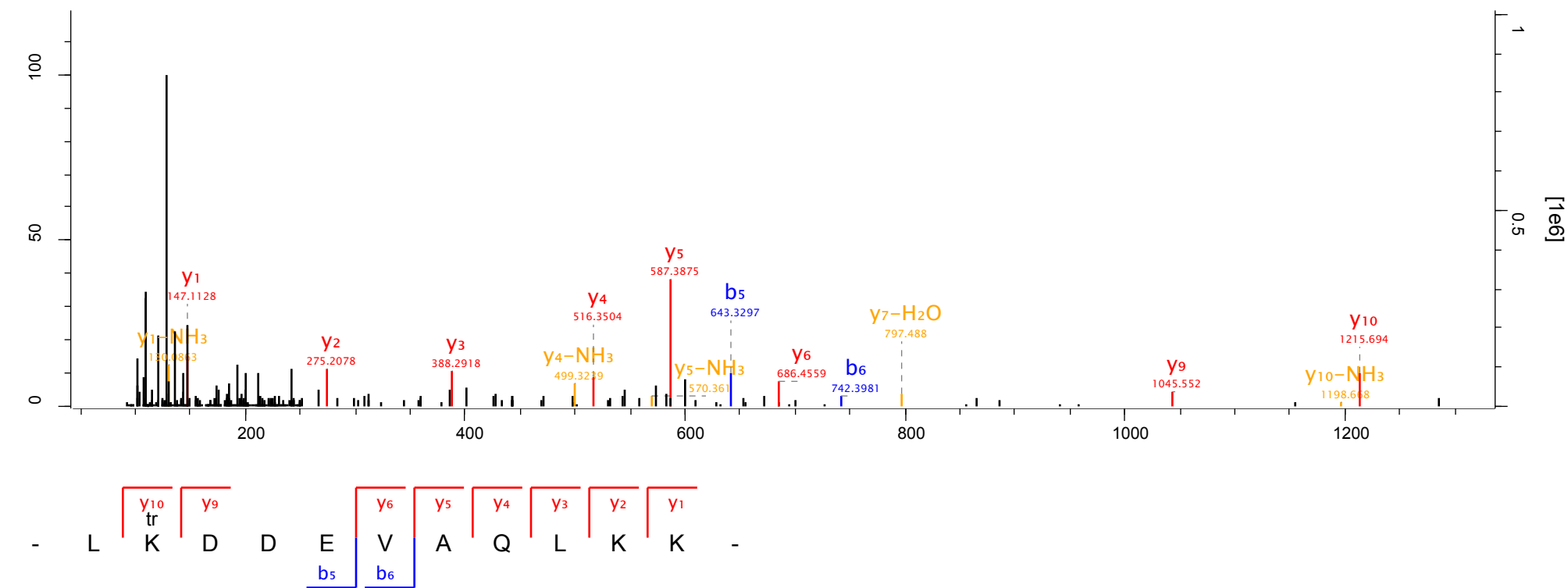
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	5143	FTMS; HCD	52.72	534.77	SNRNP35



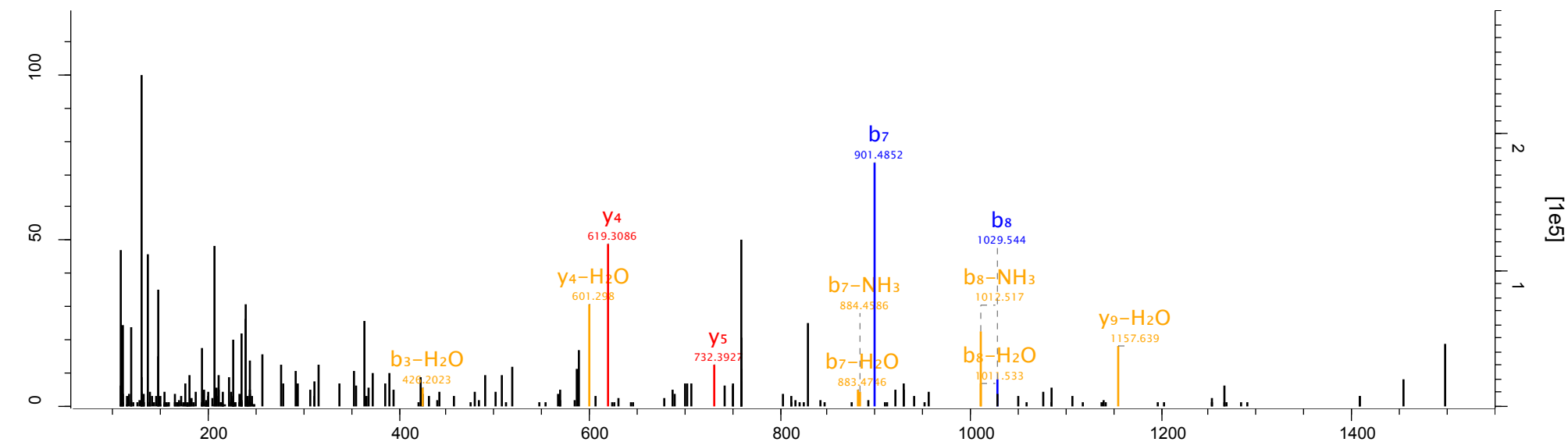
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	5475	FTMS; HCD	53.39	636.34	PPIA



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	5523	FTMS; HCD	60.26	443.6	LDHB



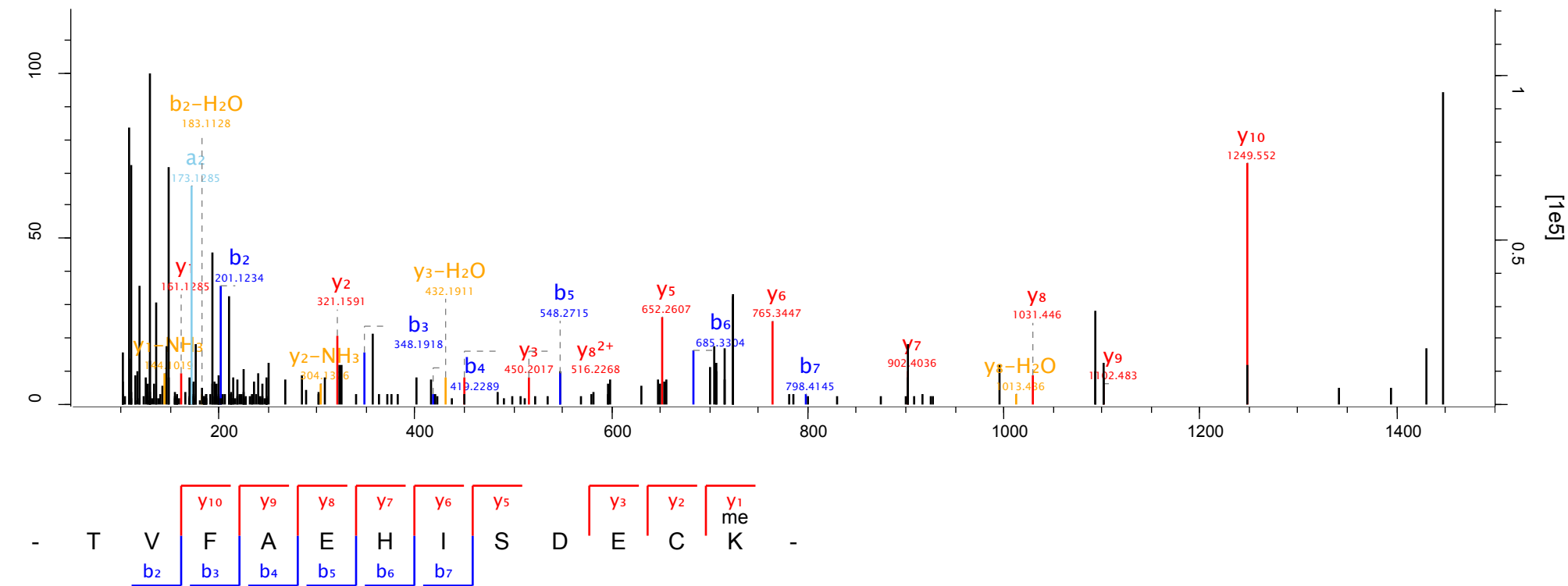
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	5549	FTMS; HCD	48.28	760.4	PICK1



op
- V E V A me K M I Q E V op K -

Fragmentation mapping:
 - Red box around I and Q: y5 (I), y4 (Q)
 - Blue box around I and Q: b7 (I), b8 (Q)

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	5612	FTMS; HCD	80.31	725.34	RPL3



Zhibin_20150831_MDAOPA_SCX_200mM

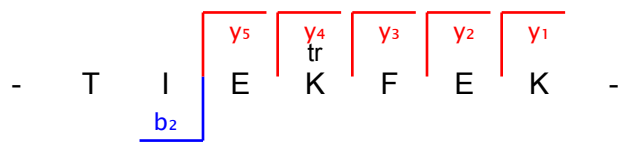
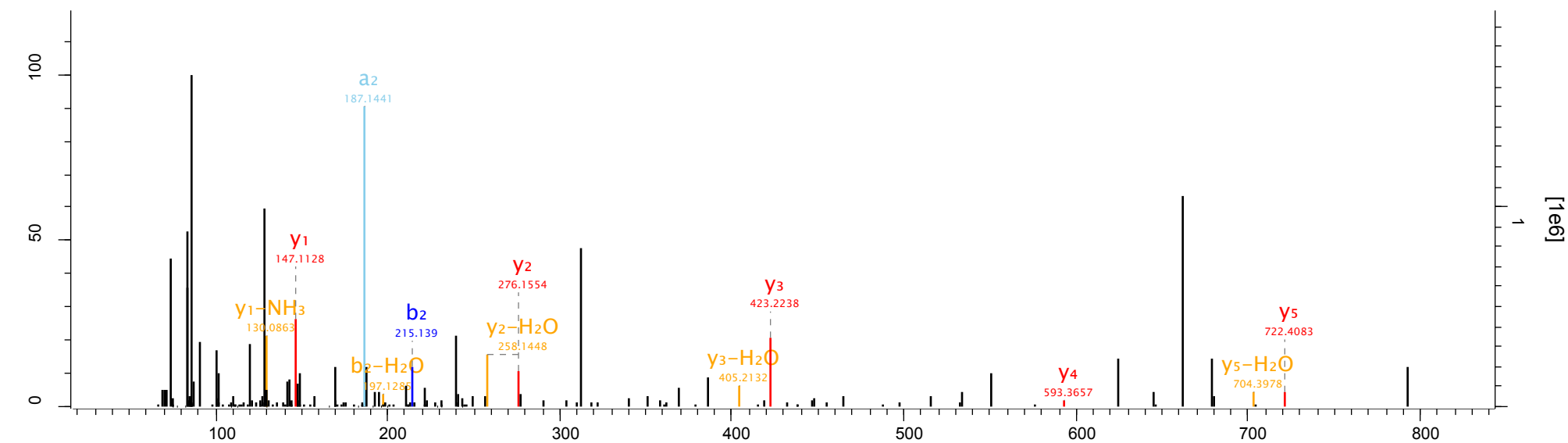
5777

FTMS; HCD

66.8

312.85

EEF1A1;EEF1A1P5;EEF1A2



Zhibin_20150831_MDAOPA_SCX_200mM

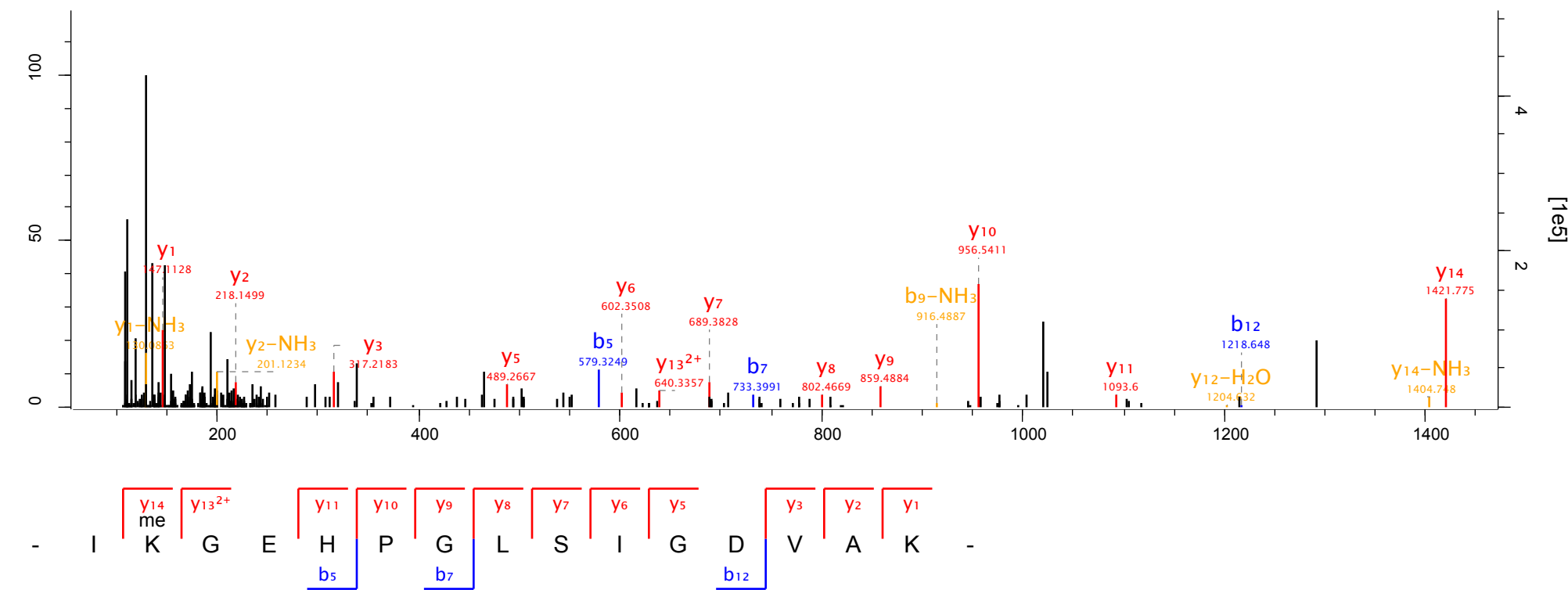
5797

FTMS; HCD

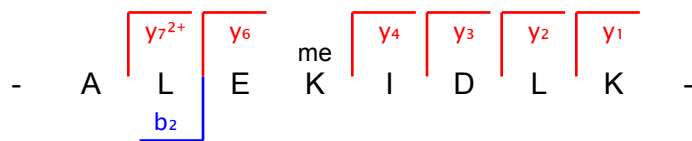
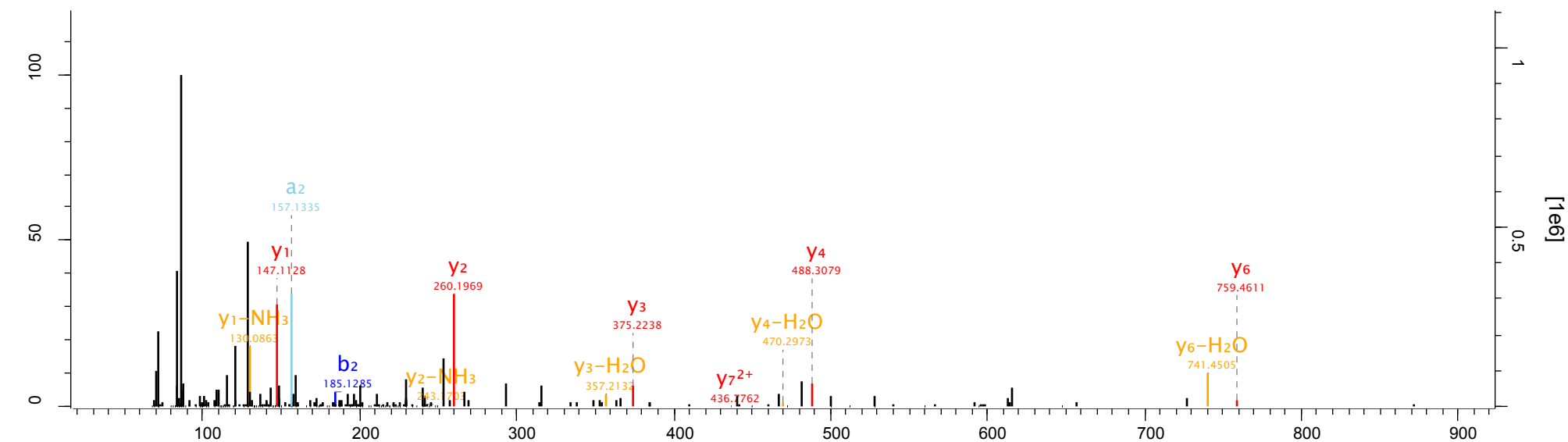
54.24

512.62

HMGB1;HMGB1P1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	6149	FTMS; HCD	62.46	315.2	RPL3



Raw file

Zhibin_20150831_MDAOA_SCX_200mM

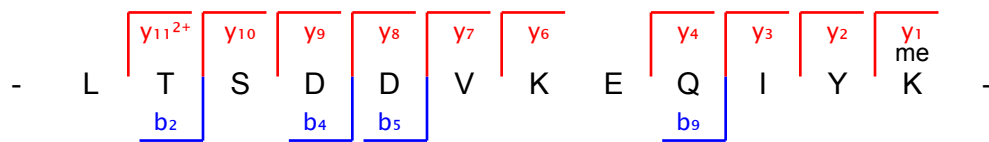
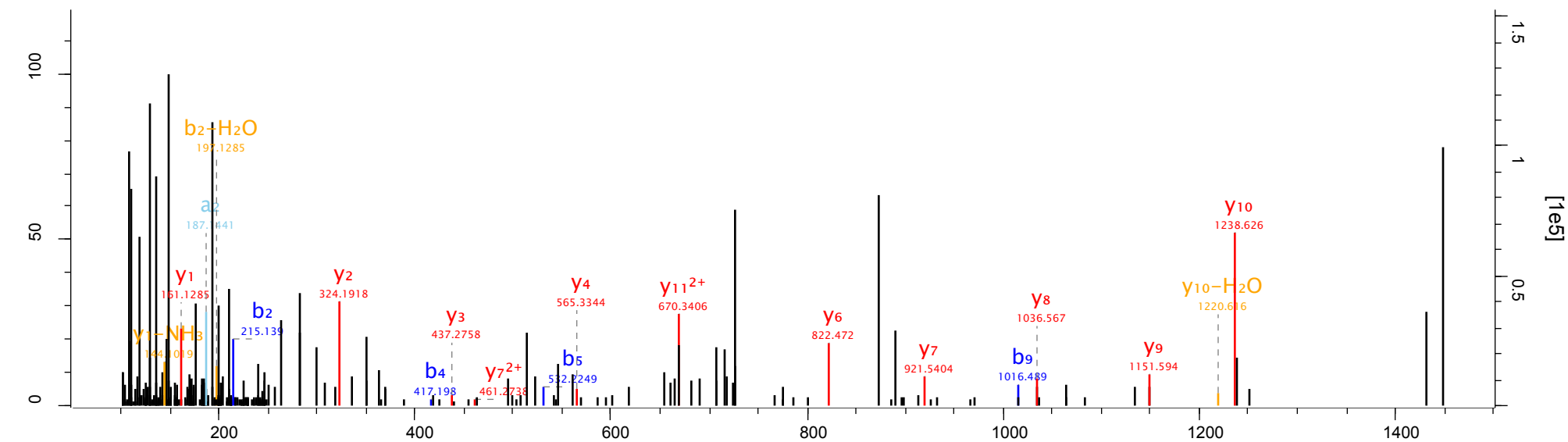
Scan
6208

Method
FTMS; HCD

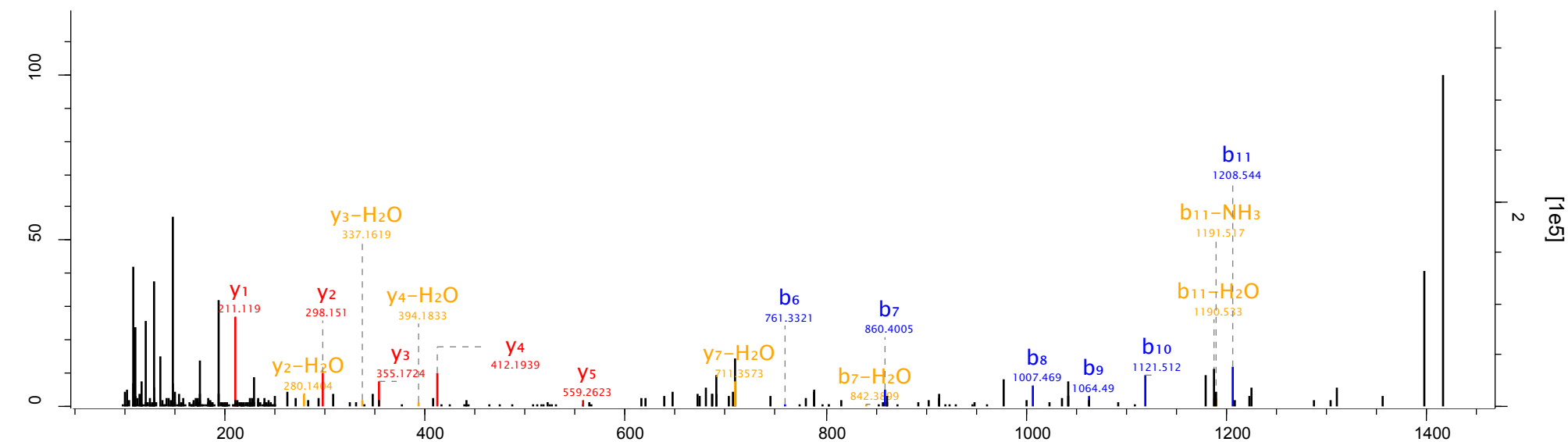
Score
50.22

m/z
726.88

Gene names
RPS13



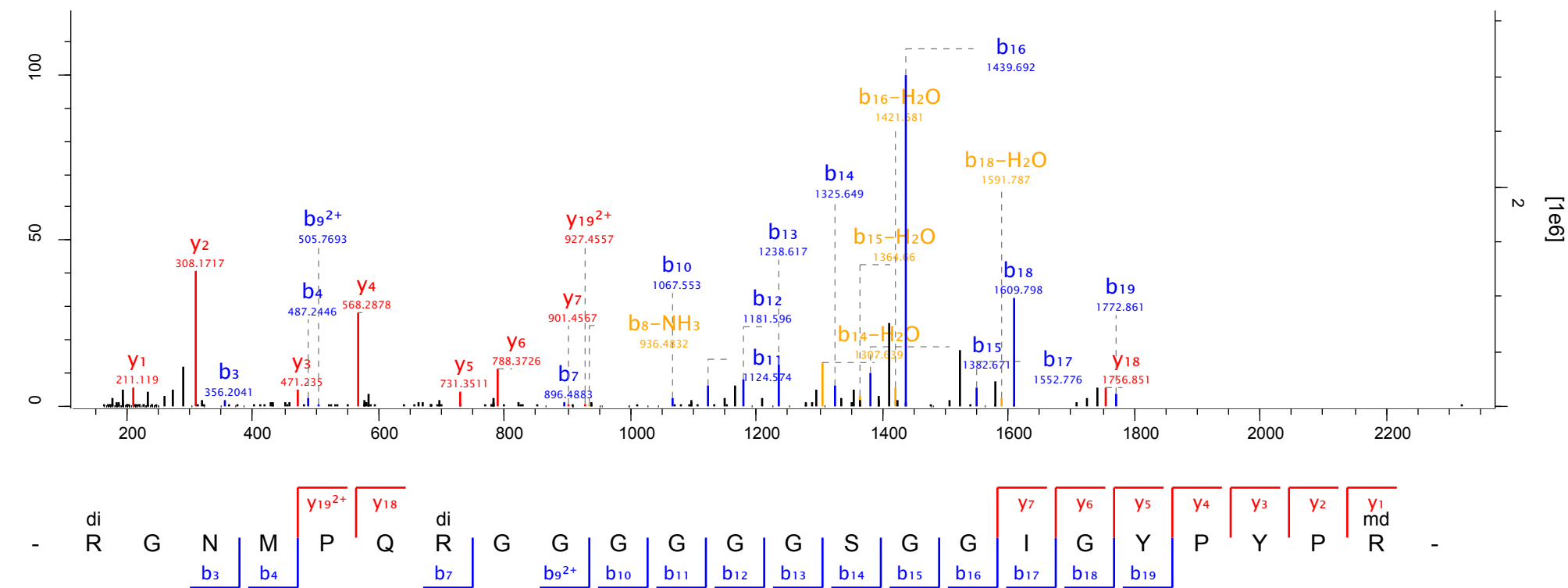
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	6386	FTMS; HCD	47.61	710.33	CBR4



ac - M D me K V C A V F G G S R -

b₆ b₇ b₈ b₉ b₁₀ b₁₁ y₅ y₄ y₃ y₂ y₁ md

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	6426	FTMS; HCD	113.51	586.04	HNRNPU



Raw file

Zhibin_20150831_MDAOPA_SCX_200mM

Scan

6438

Method

FTMS; HCD

Score

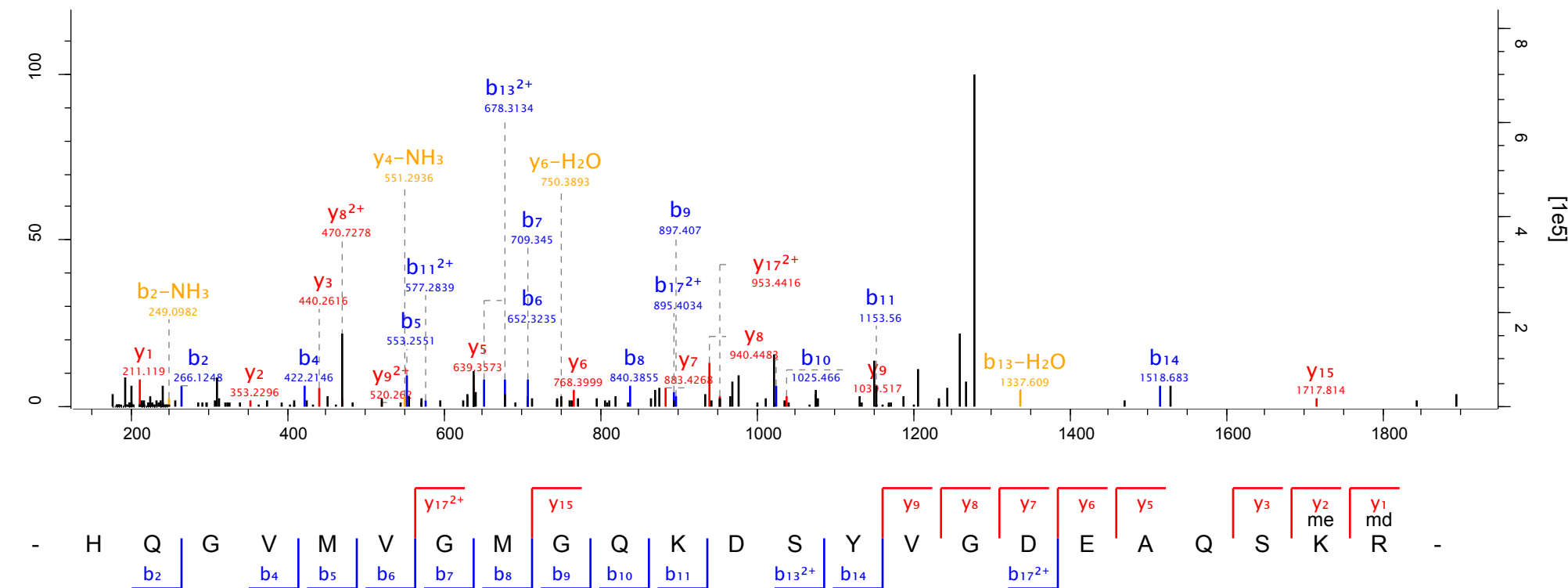
59.61

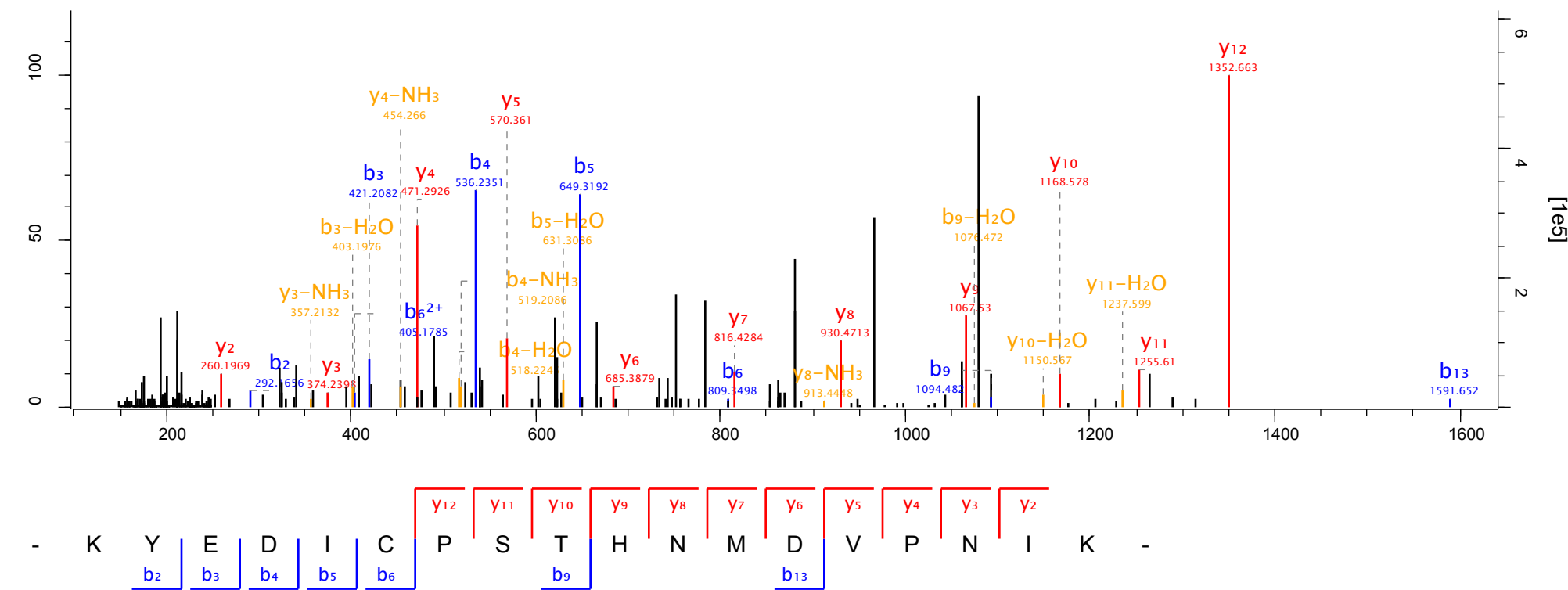
m/z

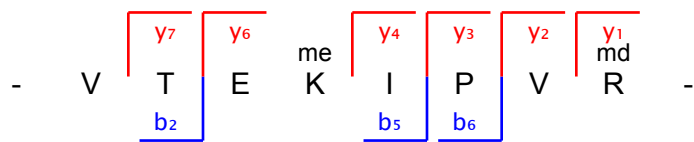
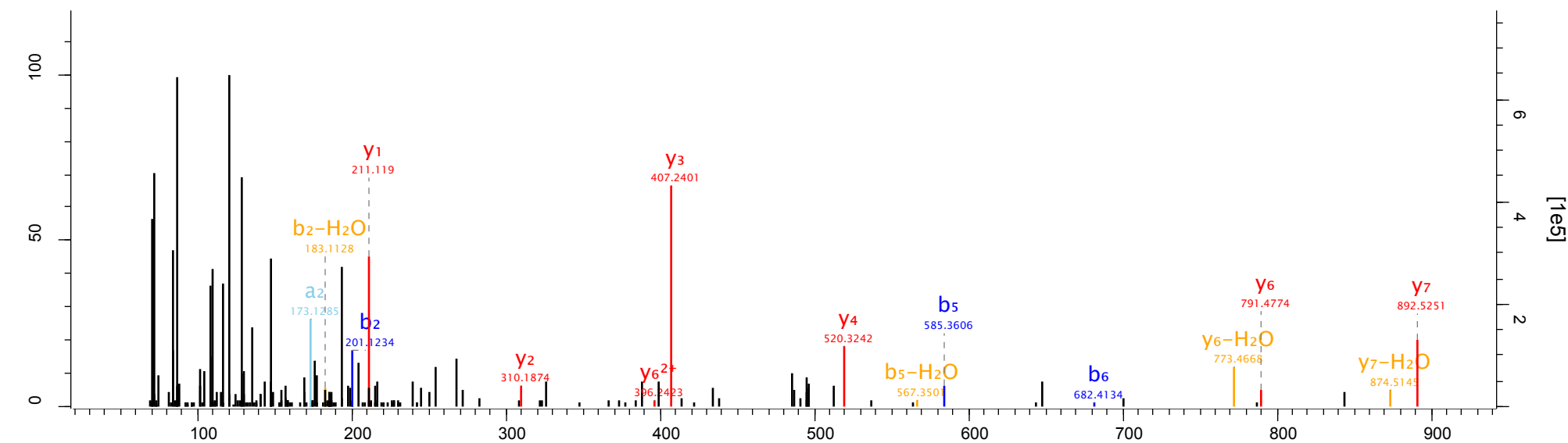
640.3

Gene names

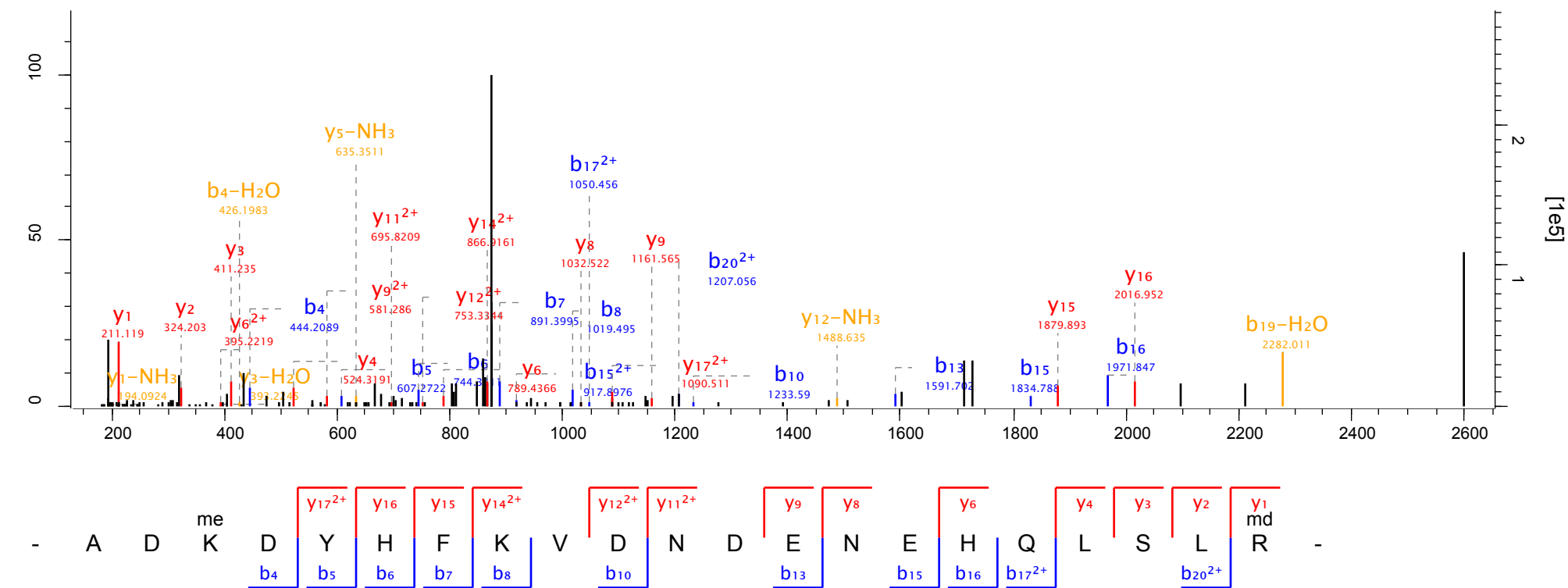
ACTB;ACTA1;ACTC1;ACTG2;ACTA2;ACTG1



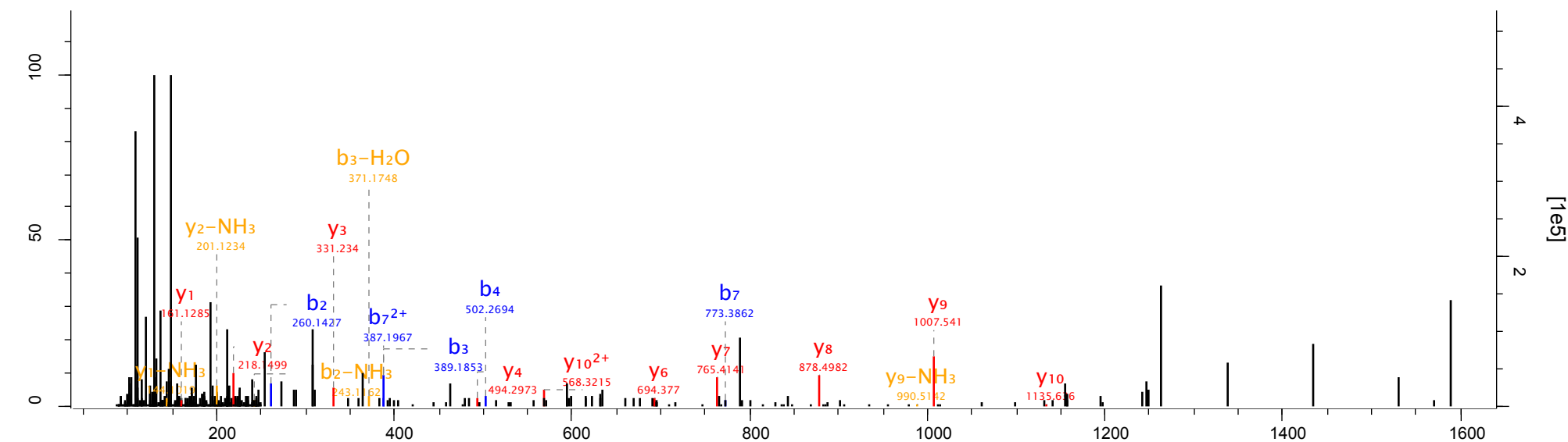




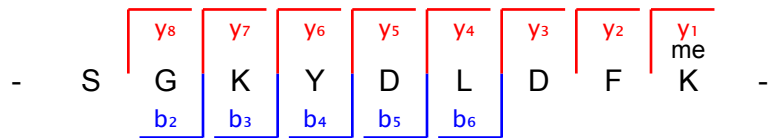
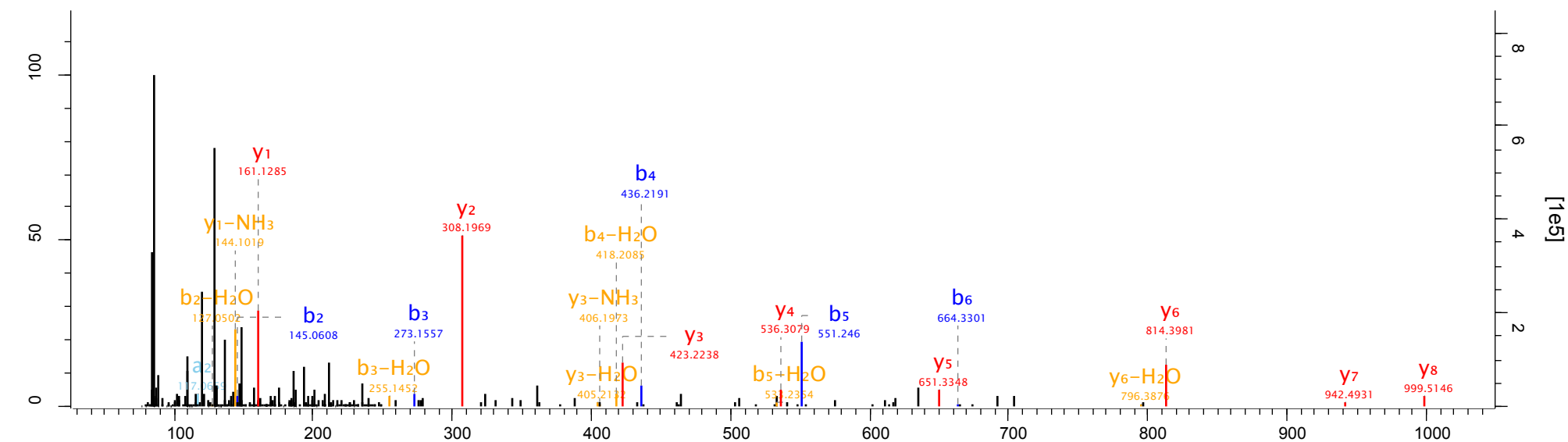
Raw file Scan Method Score m/z Gene names
 Zhibin_20150831_MDAOPA_SCX_200mM 7319 FTMS; HCD 57.19 875.41 NPM1



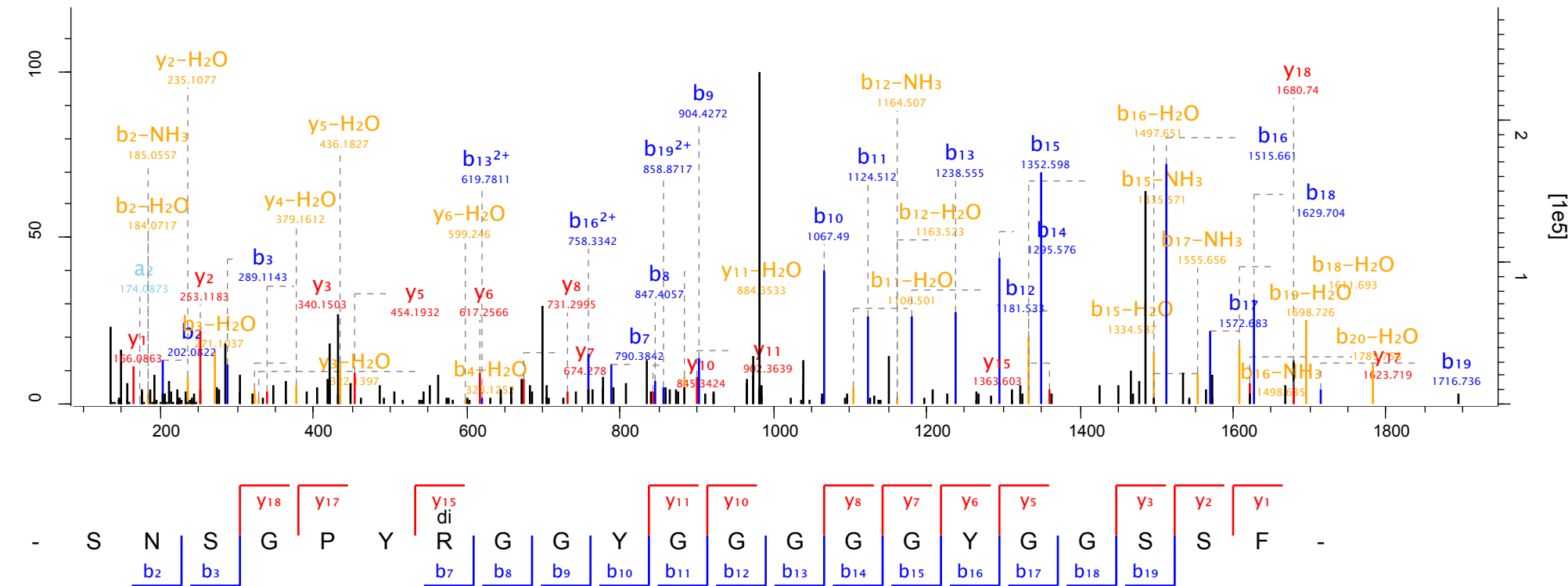
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	7413	FTMS; HCD	52.13	633.84	HSPA8



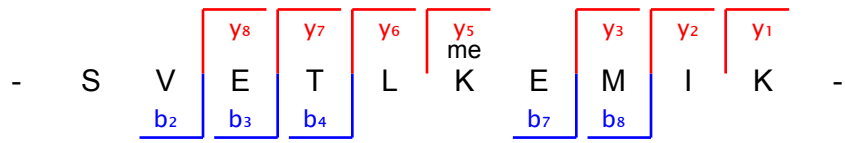
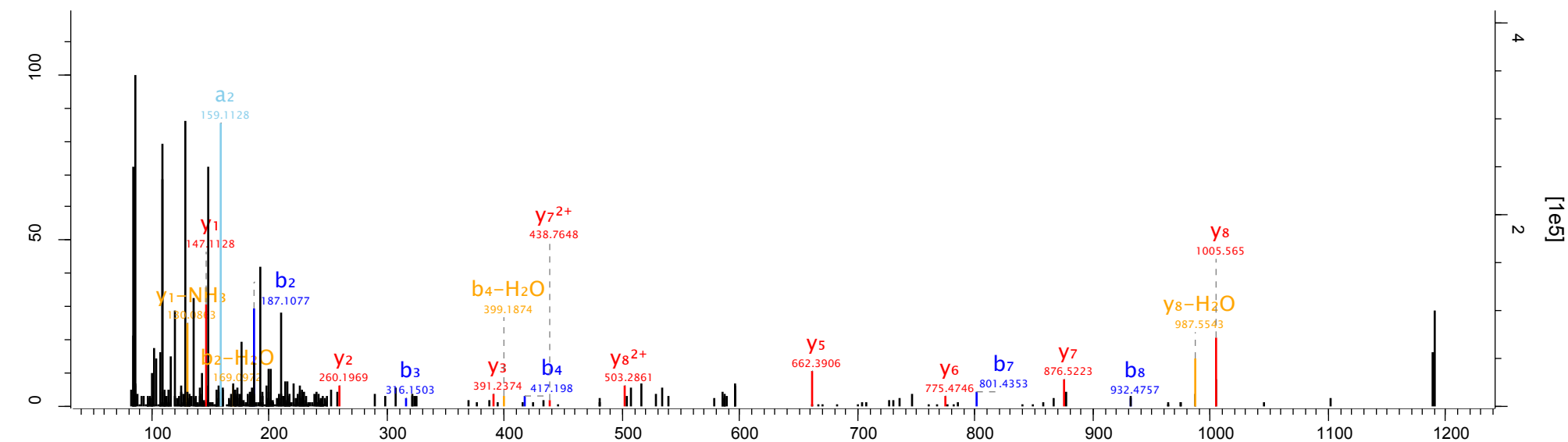
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	7444	FTMS; HCD	67.21	362.85	ENO1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	7504	FTMS; HCD	159.77	984.93	HNRNPA0



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	7616	FTMS; HCD	61.83	596.34	PKM



Zhibin_20150831_MDAOPA_SCX_200mM

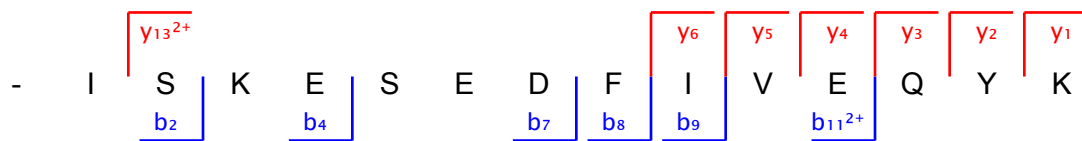
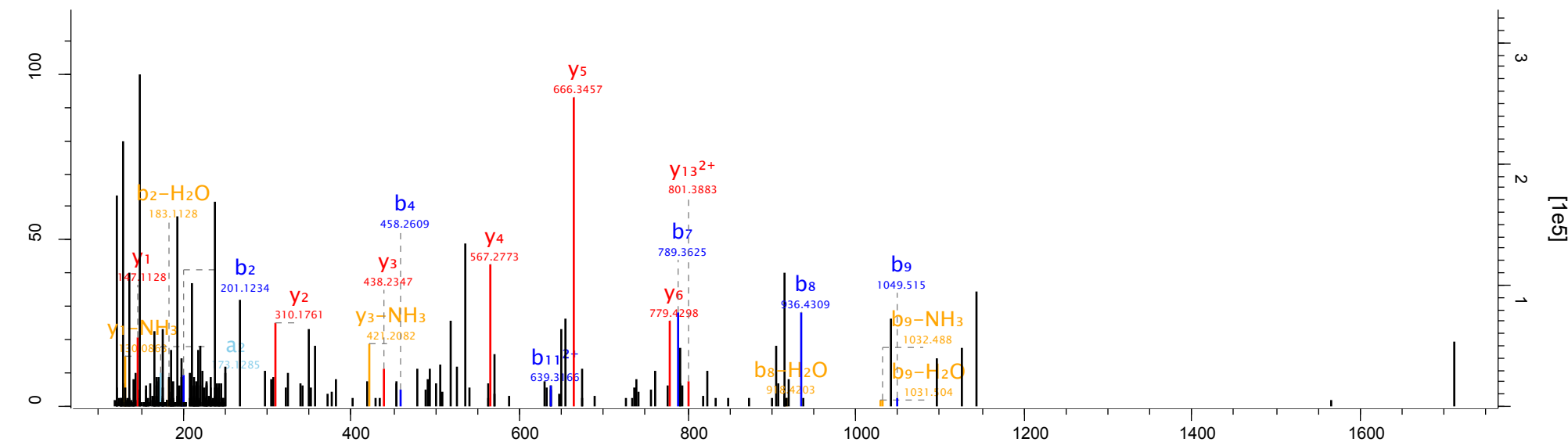
7931

FTMS; HCD

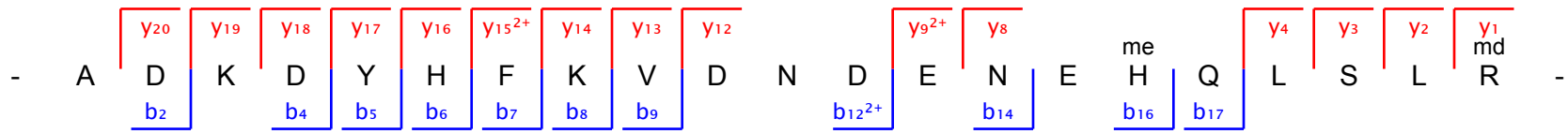
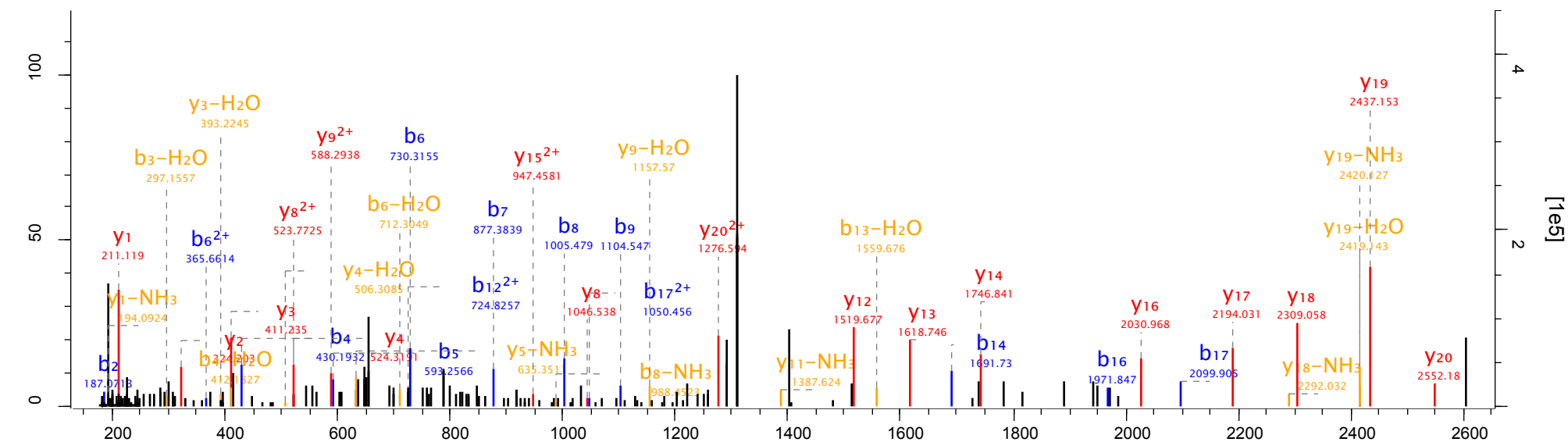
31.35

572.63

MCM6

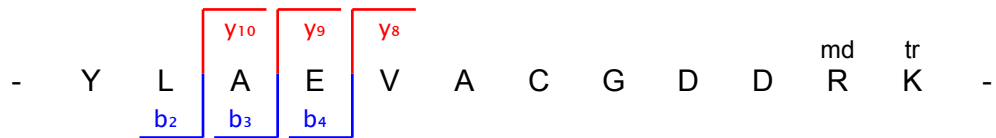


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	7983	FTMS; HCD	132.83	656.81	NPM1



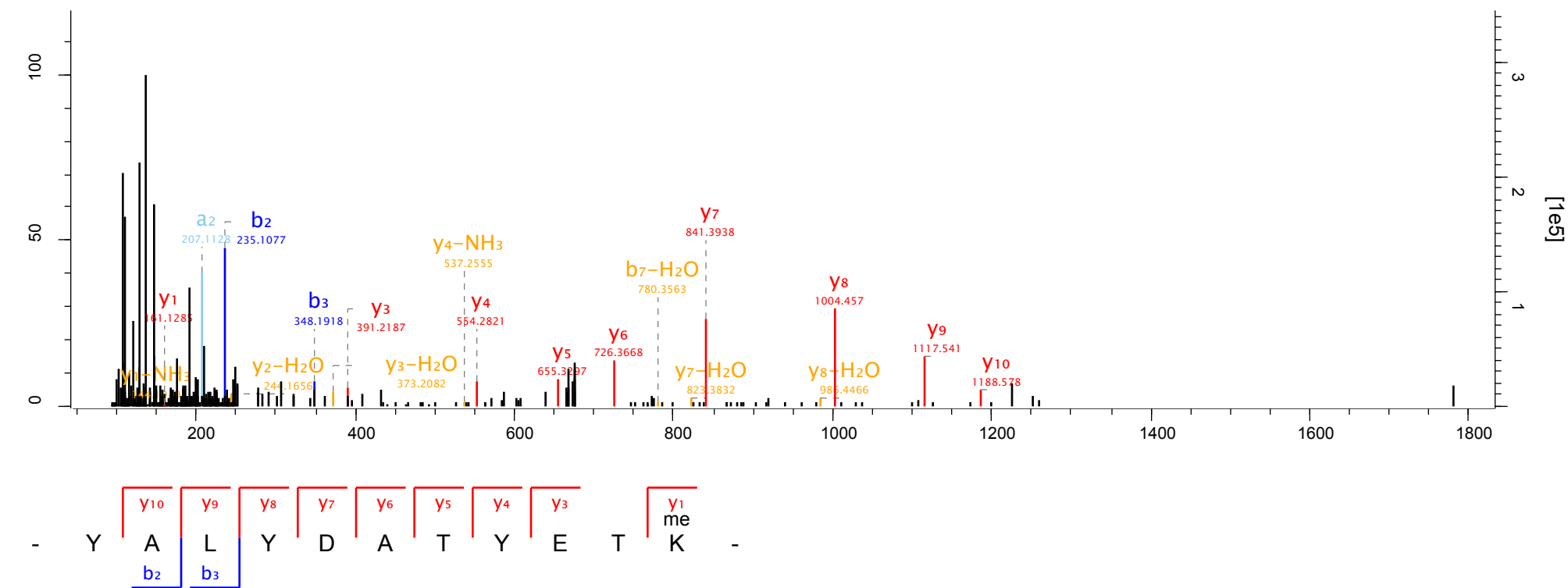
Gene names

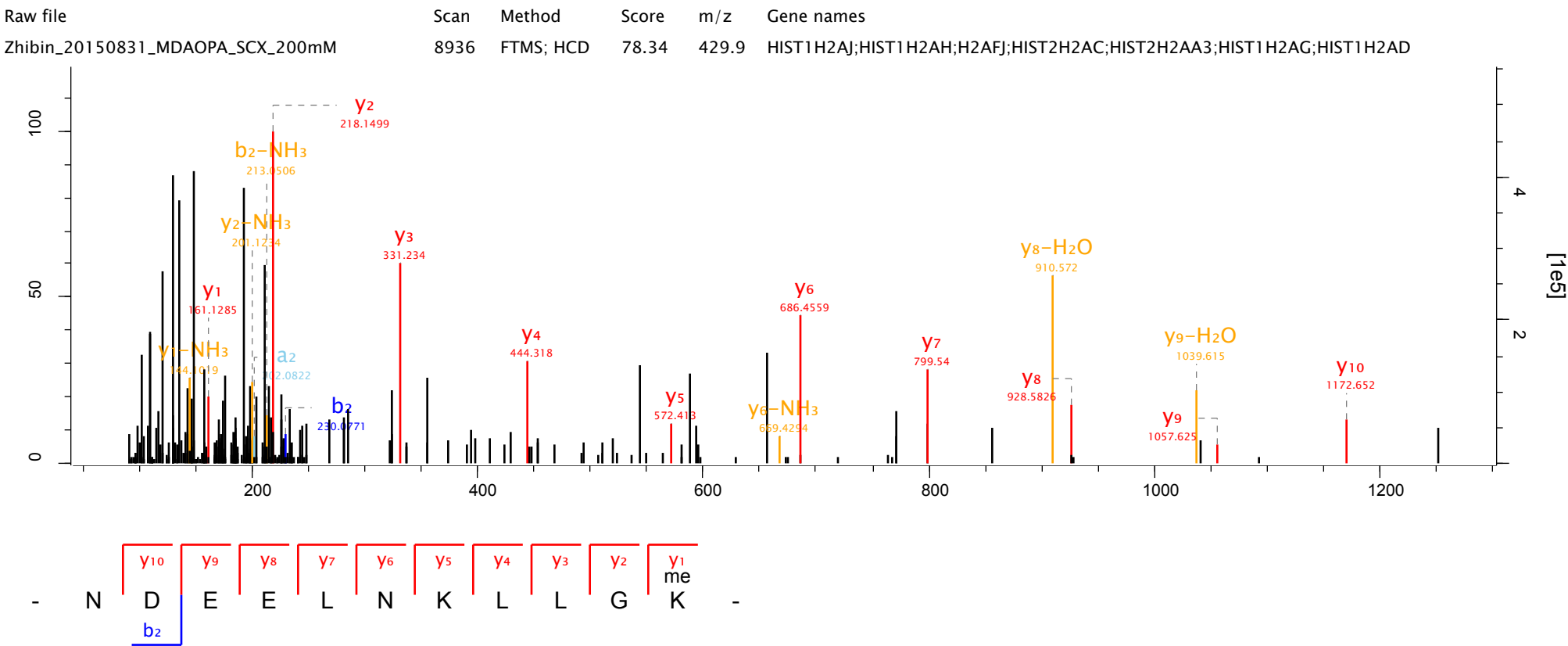
YWHAQ



- Y L A E V A C G D D R K -

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	8930	FTMS; HCD	72.53	676.33	CFL2;CFL1





Raw file

Zhibin_20150831_MDAOPA_SCX_200mM

Scan

9176

Method

FTMS; HCD

Score

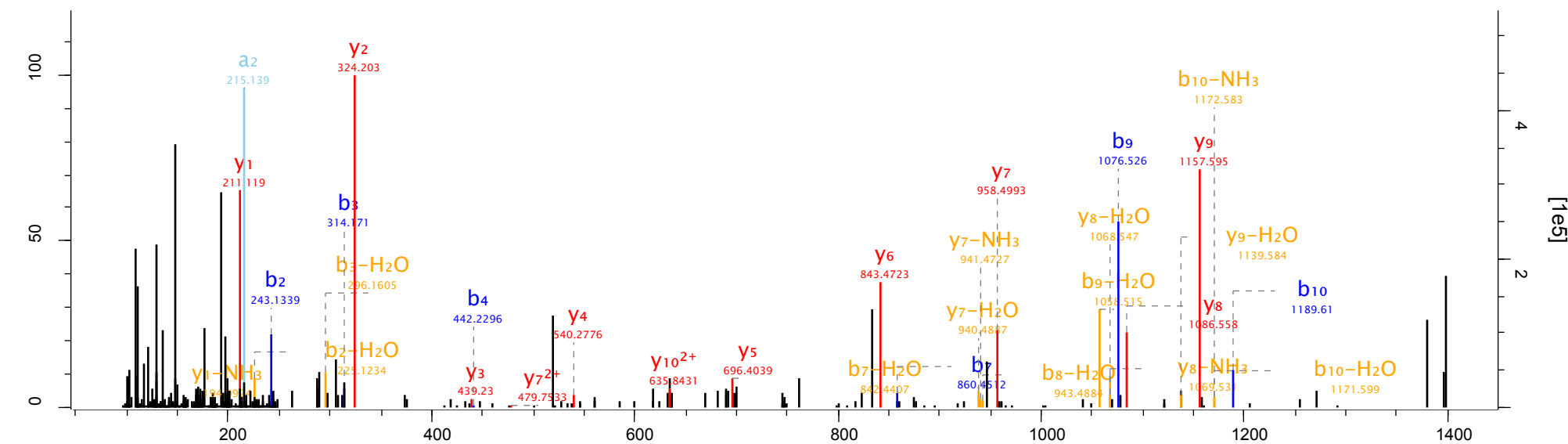
158.06

m/z

700.36

Gene names

HIST2H3A;HIST3H3;HIST1H3A;H3F3B;H3F3A

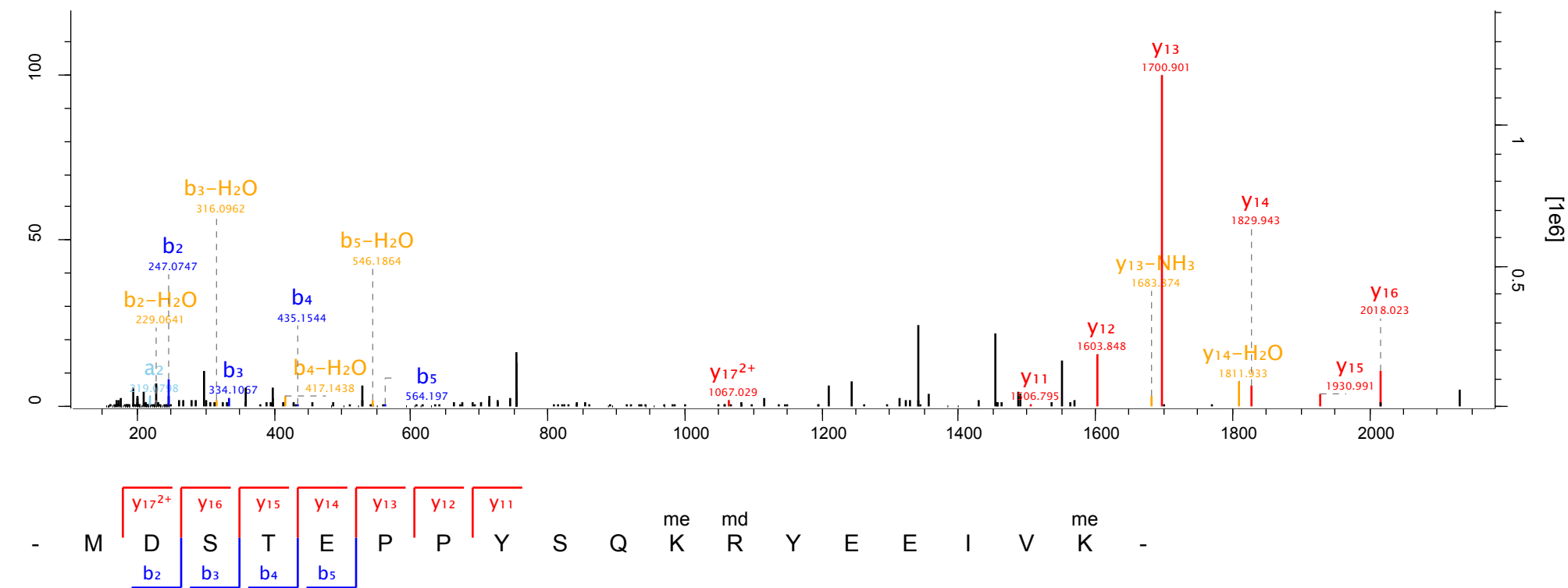


- E I A Q D F K T D L R -

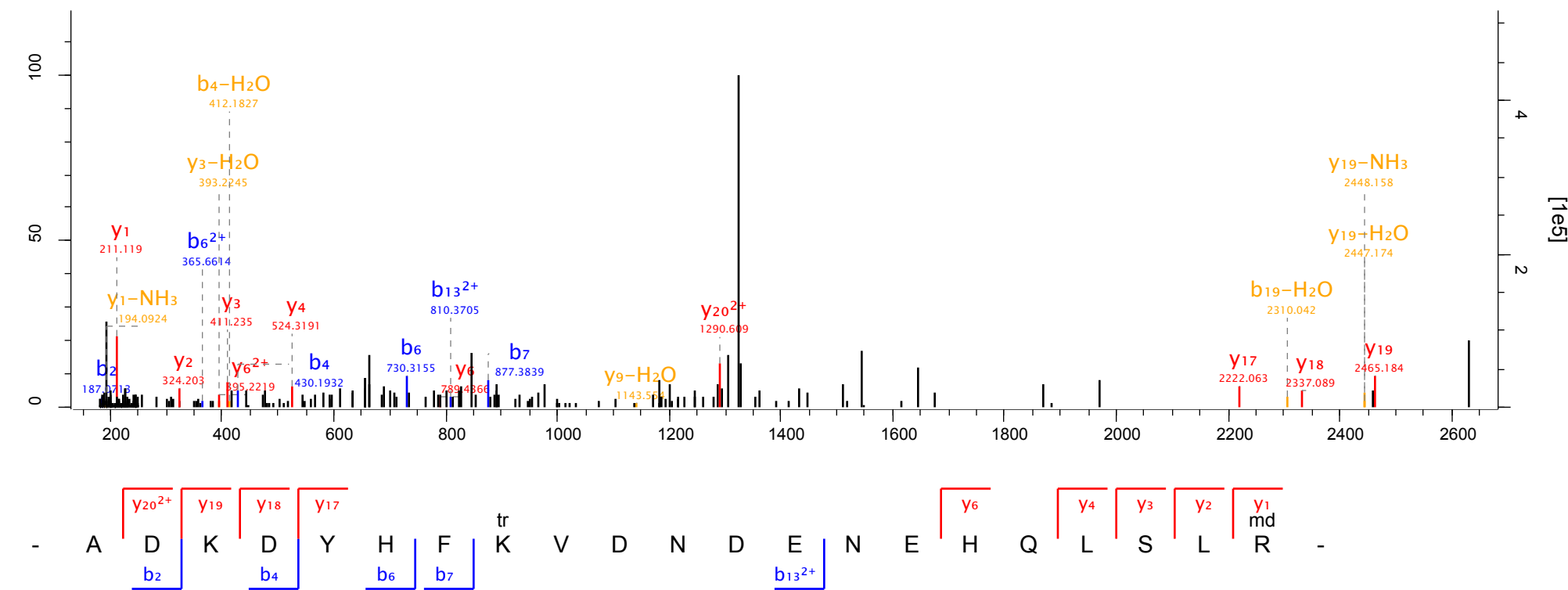
b₂ b₃ b₄ b₇ b₉ b₁₀

y₁₀²⁺ y₉ y₈ y₇ y₆ y₅ di y₄ y₃ y₂ y₁ md

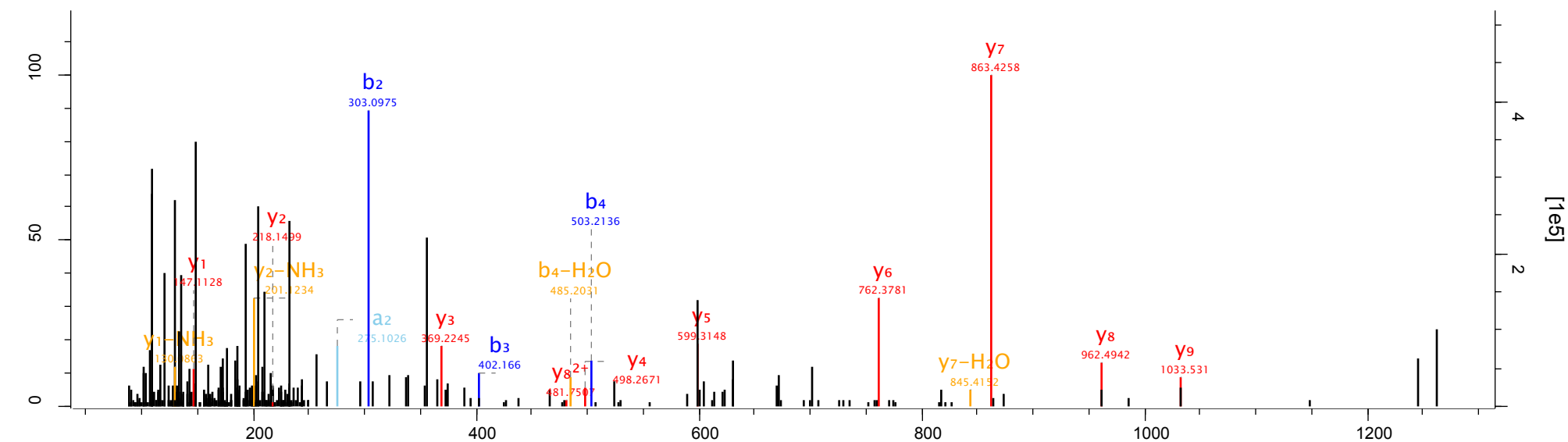
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	9377	FTMS; HCD	45.38	755.7	EEF1A1;EEF1A1P5



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	9628	FTMS; HCD	48.05	663.82	NPM1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	9976	FTMS; HCD	69.72	632.8	HIST1H4A



op - D

y9	y8	y7	y6	y5	y4	y3	y2	y1
A	V	T	Y	T	E	me	A	K
b2	b3	b4						

-

Zhibin_20150831_MDAOPA_SCX_200mM

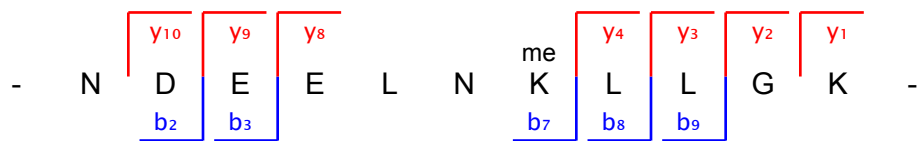
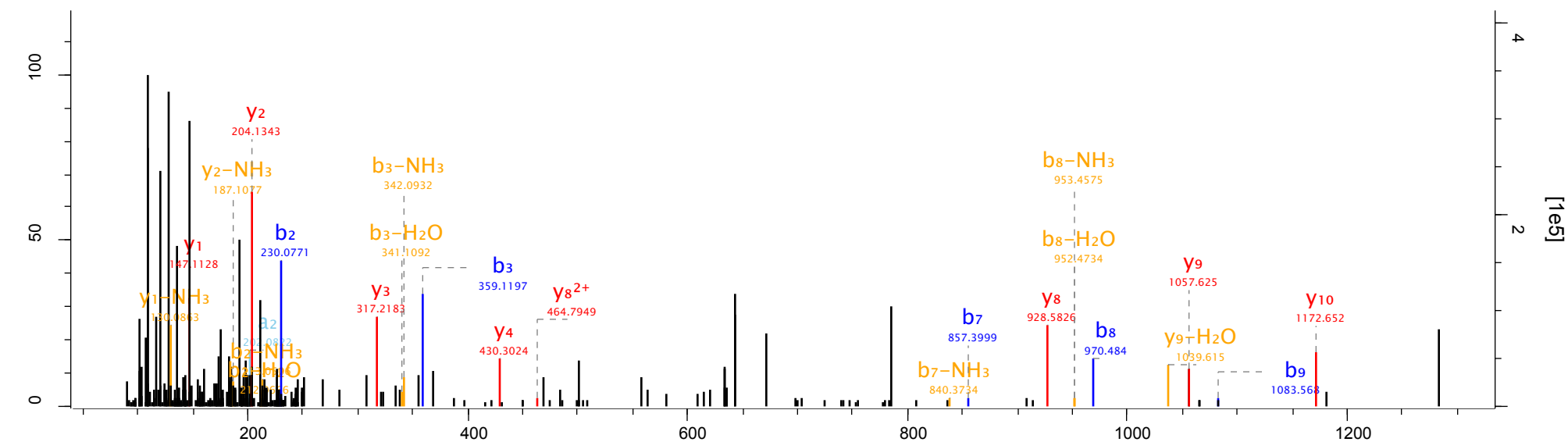
10252

FTMS; HCD

98.16

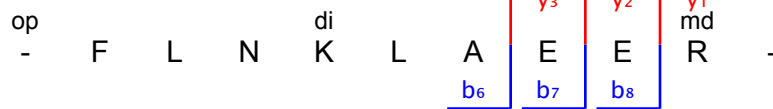
643.85

HIST1H2AJ; HIST1H2AH; H2AFJ; HIST2H2AC; HIST2H2AA3; HIST1H2AG; HIST1H2AD

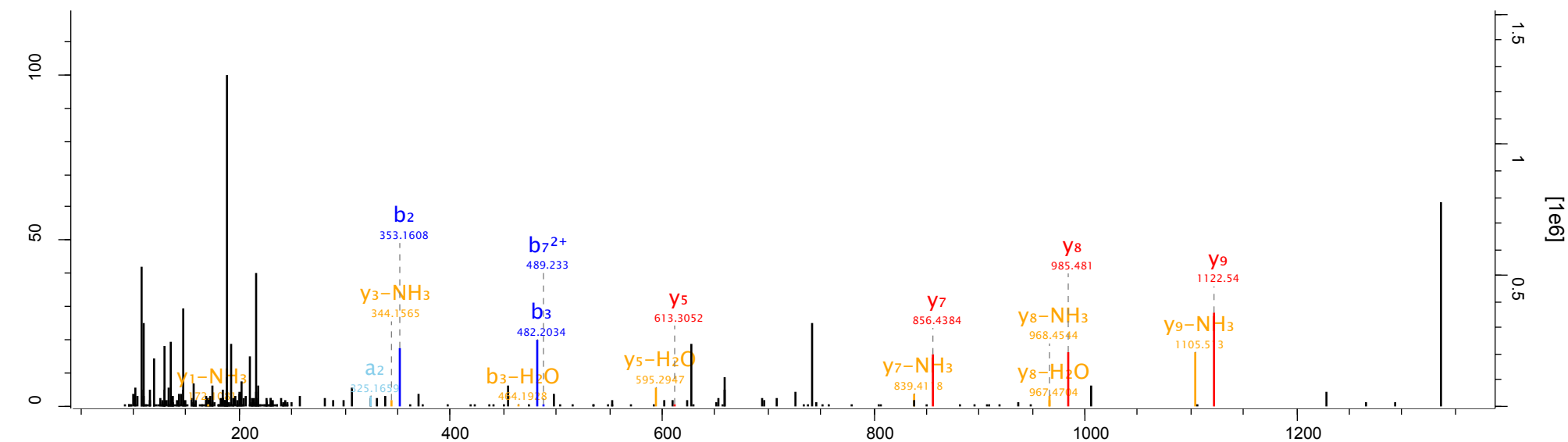


Gene names

MATR3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	12809	FTMS; HCD	71.45	669.82	ZNF143



op - V H E R S H T G D R -

y₉
y₈
y₇
y₅
me

b₂
b₃
b₇²⁺

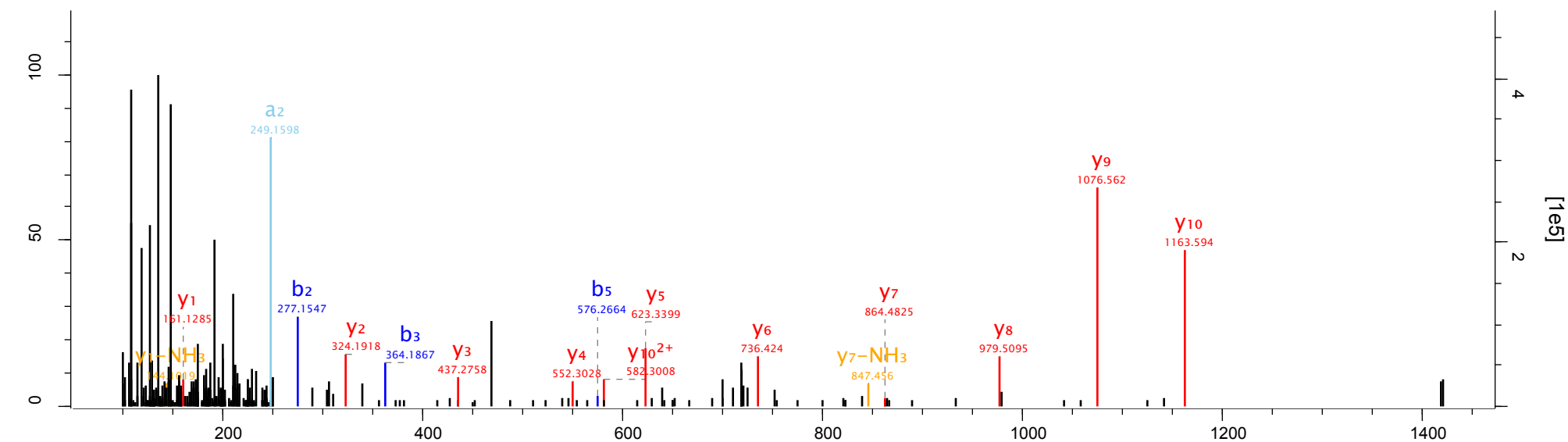
Gene names

C7orf61



op op ox me T L Q V y₅ y₄ y₃ y₂ y₁
- K M E K V V E T L md
b₈²⁺ b₉ b₁₀ b₁₁ -

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	14515	FTMS; HCD	78.32	720.37	ENO1



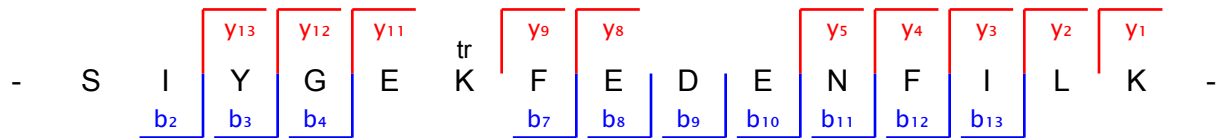
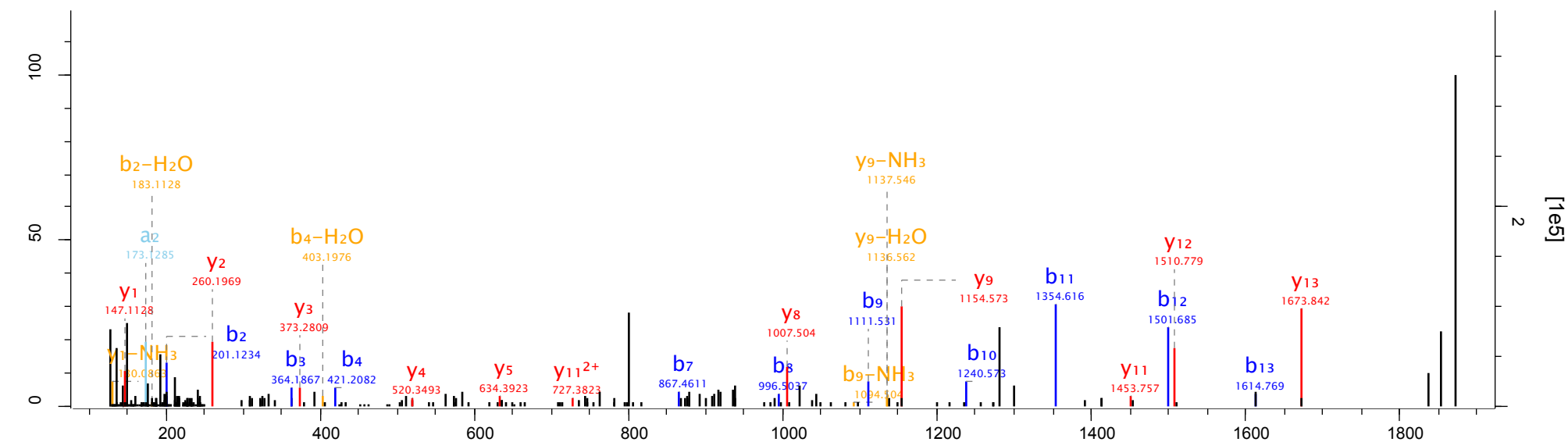
- Y I S P D Q L A D L Y K -

Peptide sequence: Y I S P D Q L A D L Y K

Fragmentation sites (b and y ions):

- b2 (between I and S)
- b3 (between S and P)
- b5 (between D and Q)
- y1 (between K and Y)
- y2 (between Y and L)
- y3 (between L and D)
- y4 (between D and A)
- y5 (between A and L)
- y6 (between L and Q)
- y7 (between Q and D)
- y8 (between D and P)
- y9 (between P and I)
- y10 (between I and Y)

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	15351	FTMS; HCD	108.14	937.99	PPIA



Raw file

Zhibin_20150831_MDAOPA_SCX_200mM

Scan

16521

Method

FTMS; HCD

Score

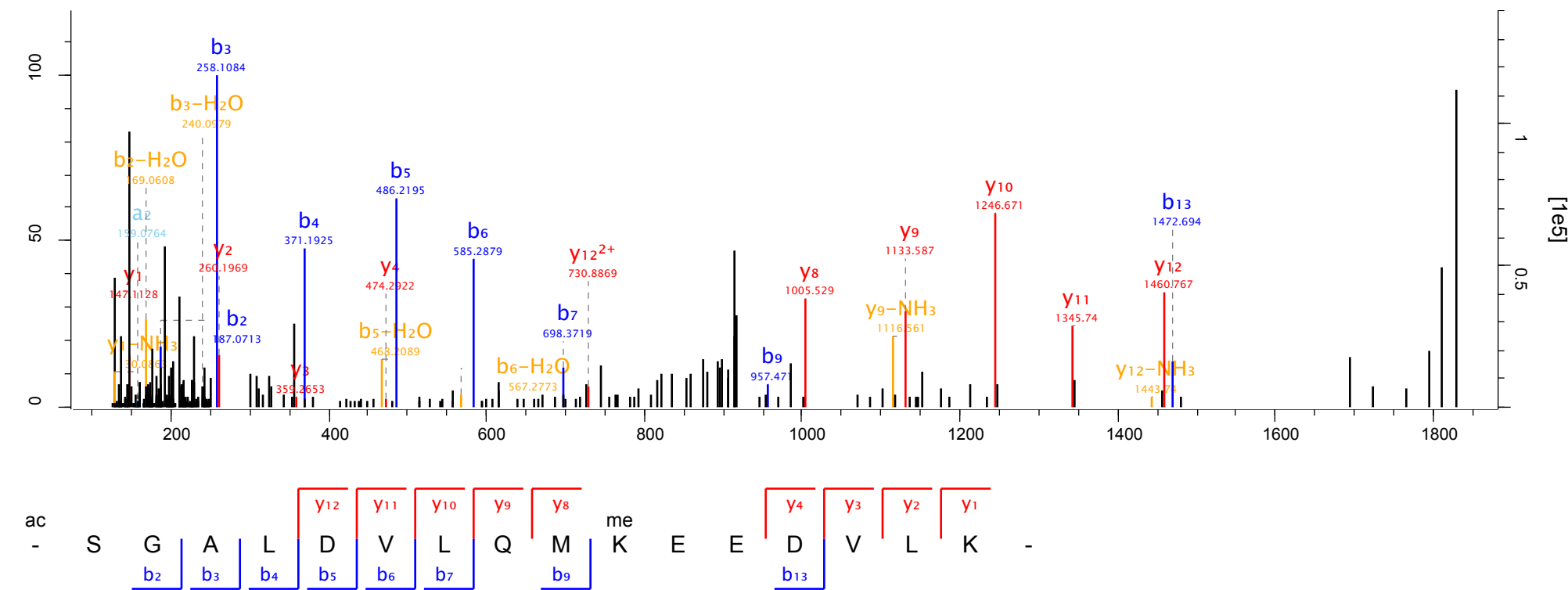
92.77

m/z

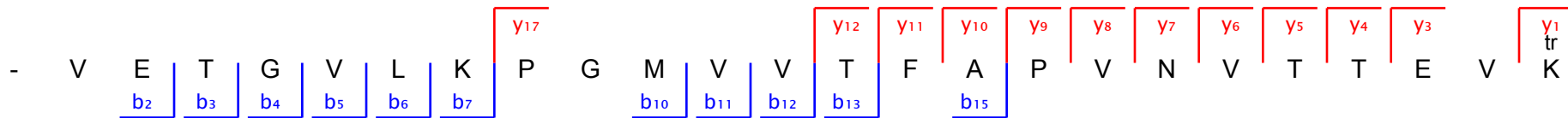
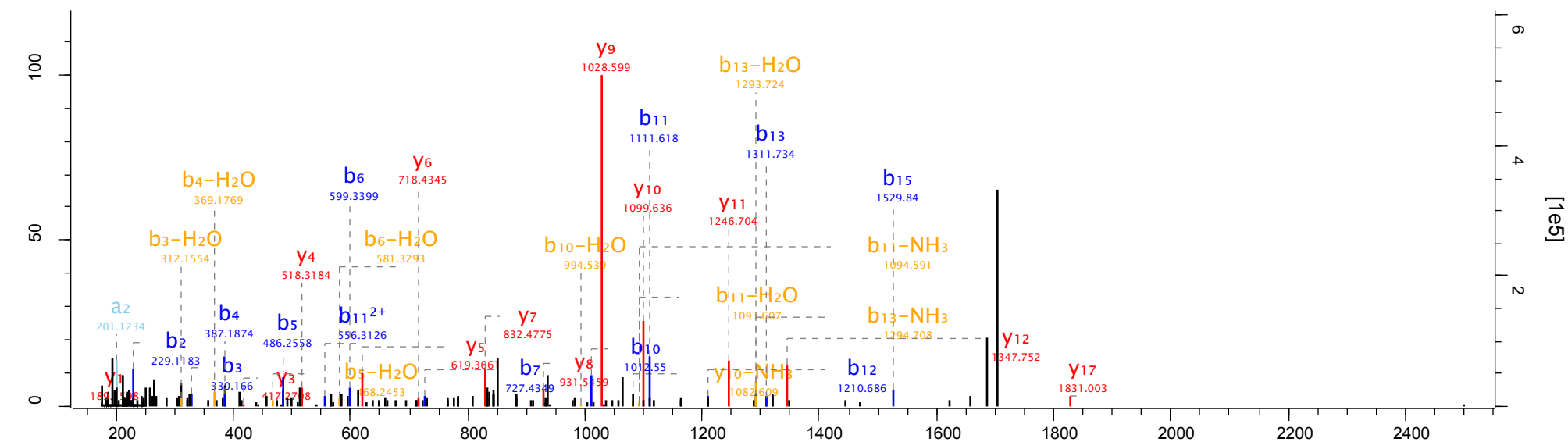
916.48

Gene names

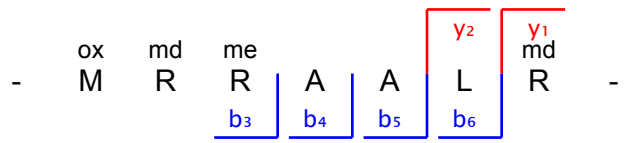
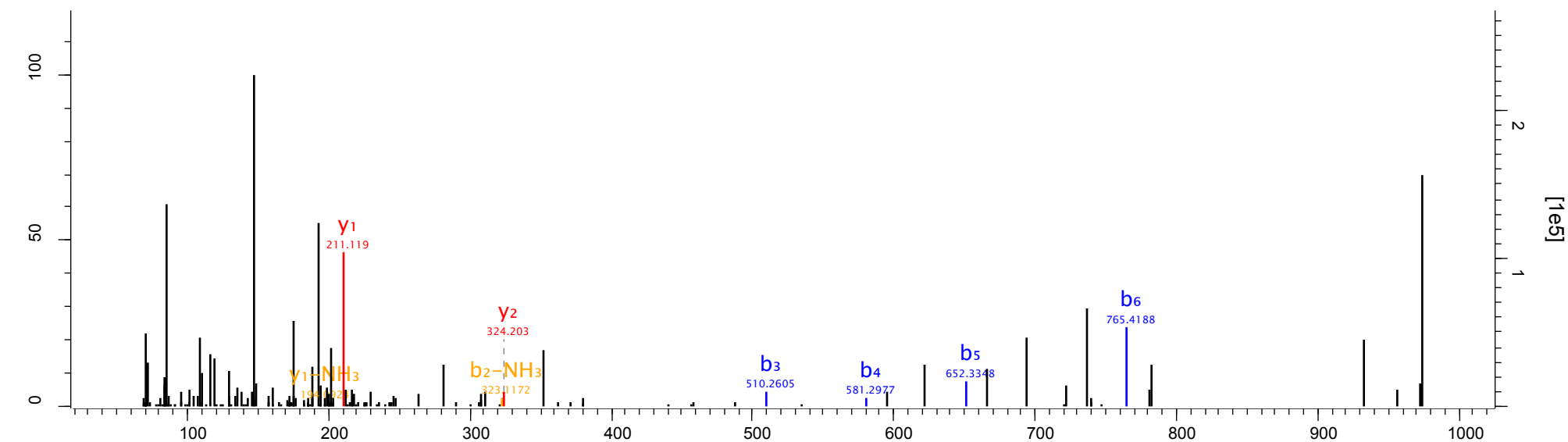
RPSA;RPSAP58



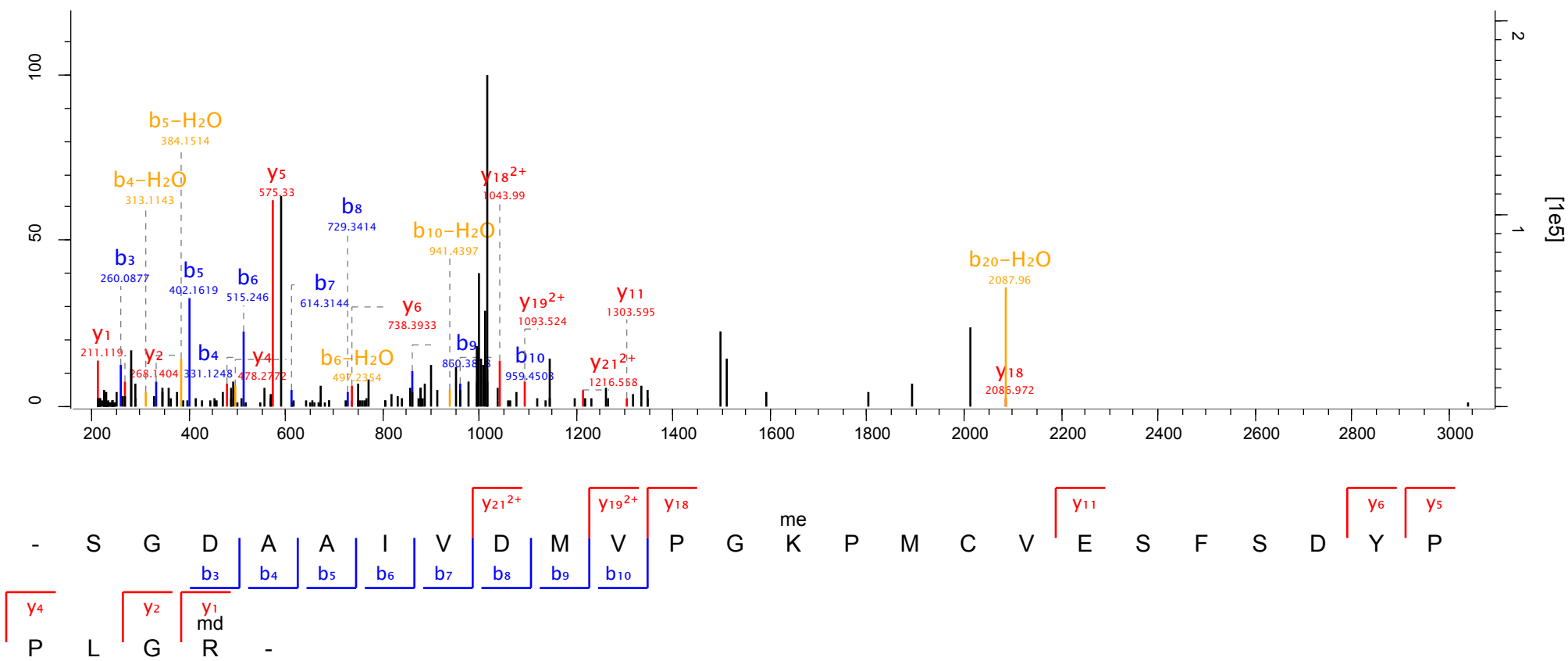
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	16742	FTMS; HCD	77.44	853.48	EEF1A1;EEF1A1P5



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOA_SCX_200mM	17308	FTMS; HCD	40.1	488.27	ACOT9



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	17796	FTMS; HCD	42.35	1016.14	EEF1A1;EEF1A1P5



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_200mM

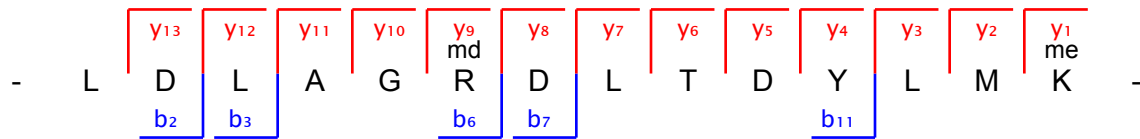
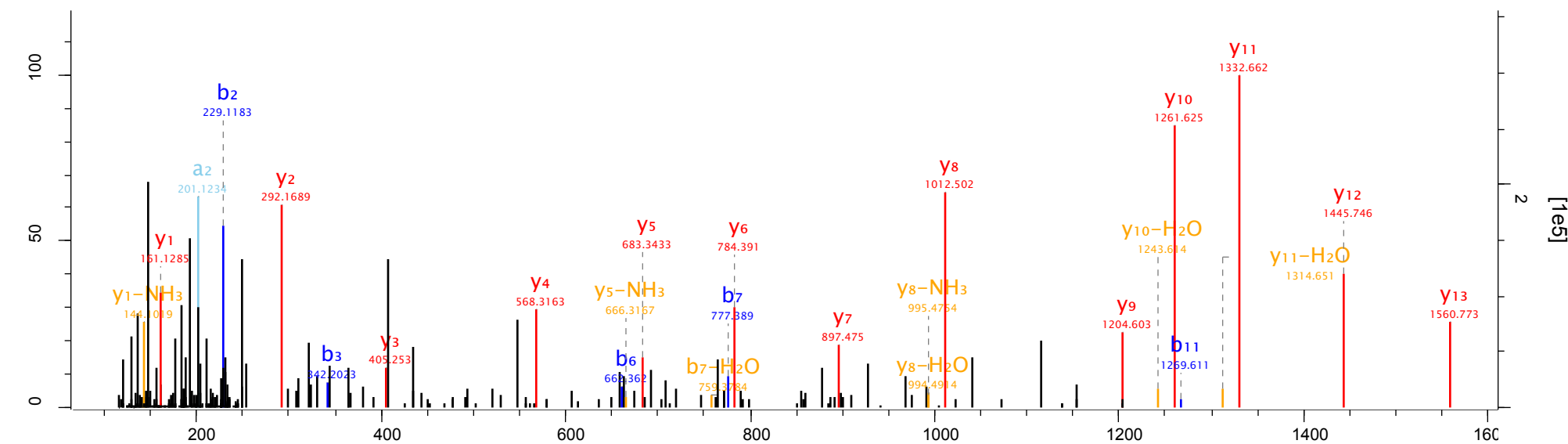
18028

FTMS; HCD

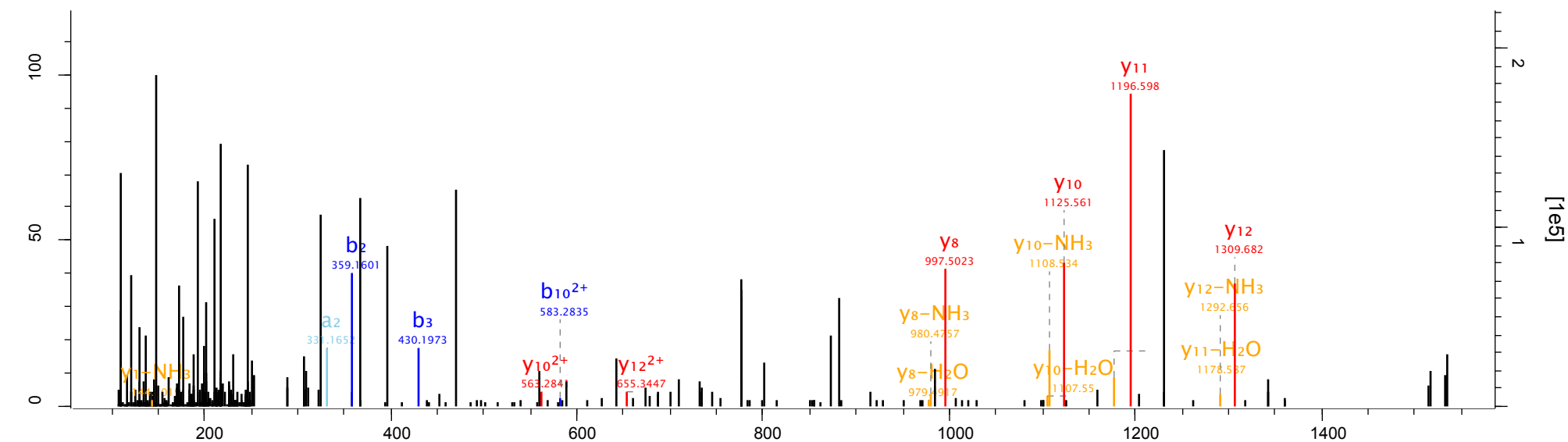
114.31

558.62

ACTB;ACTA1;ACTC1;ACTG2;ACTA2;ACTG1;ACTBL2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	18570	FTMS; HCD	63.47	777.88	HLTF



op
- E L A G A L A Y I M D N K -

y₁₂ y₁₁ y₁₀ y₈
b₂ b₃ b₁₀²⁺

Raw file

Zhibin_20150831_MDAOPA_SCX_200mM

Scan

18624

Method

FTMS; HCD

Score

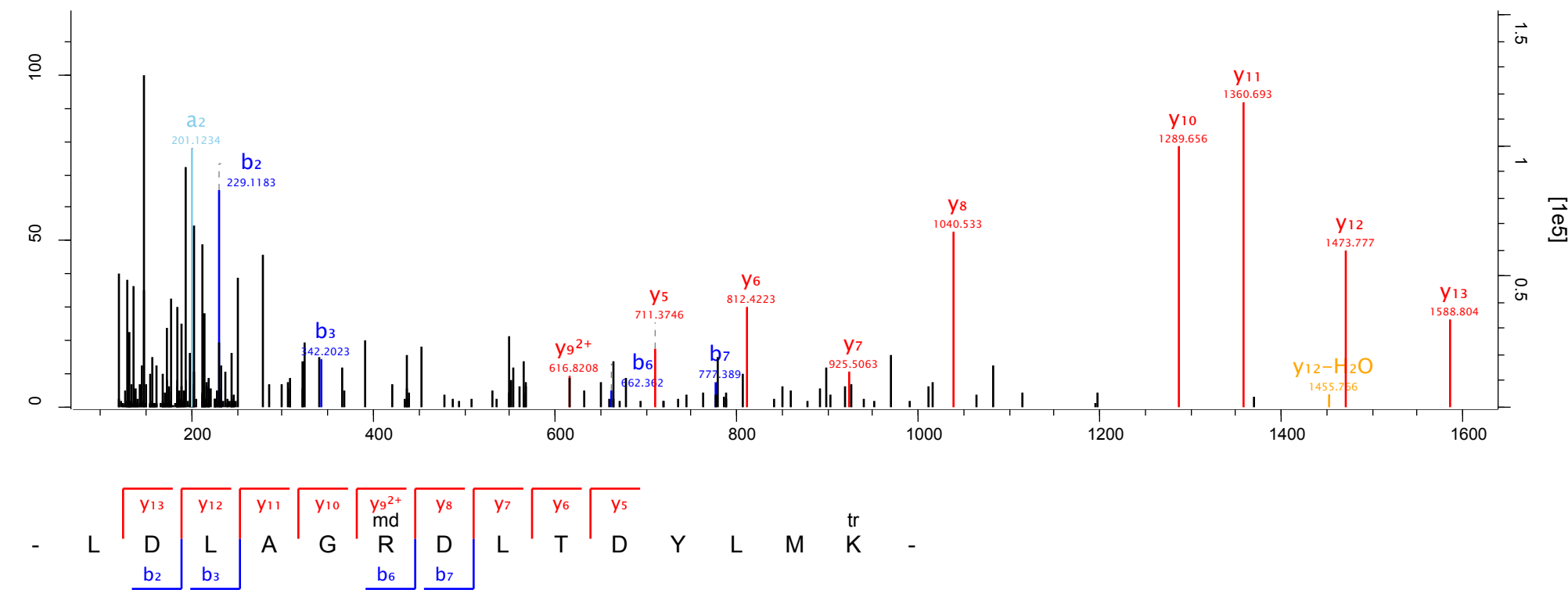
75.76

m/z

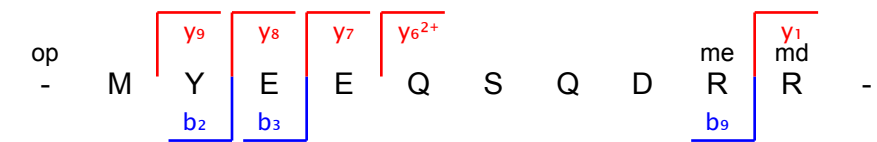
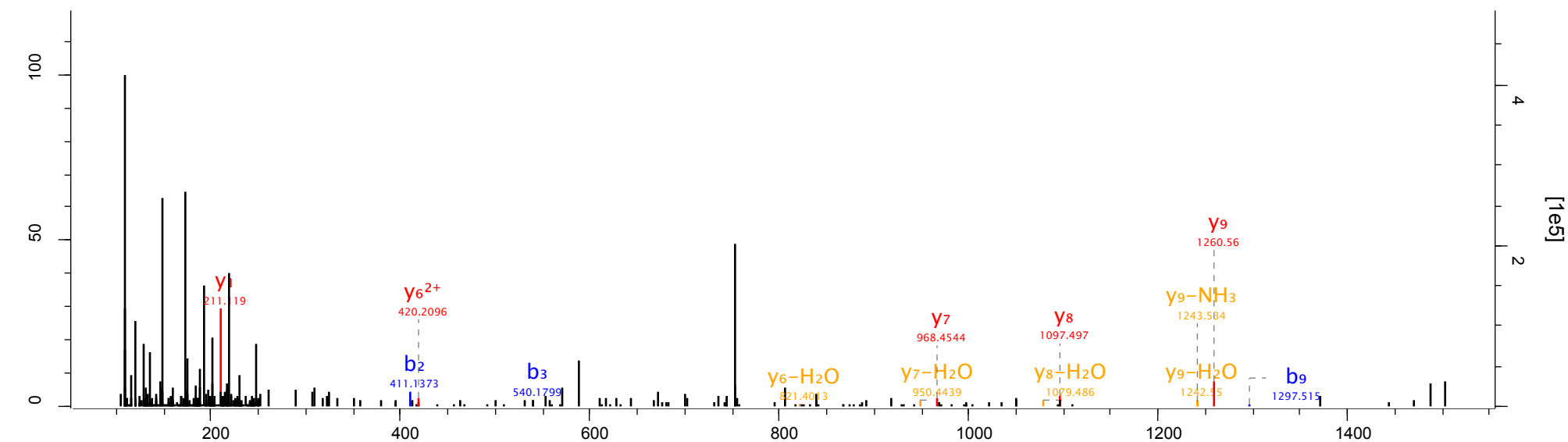
567.97

Gene names

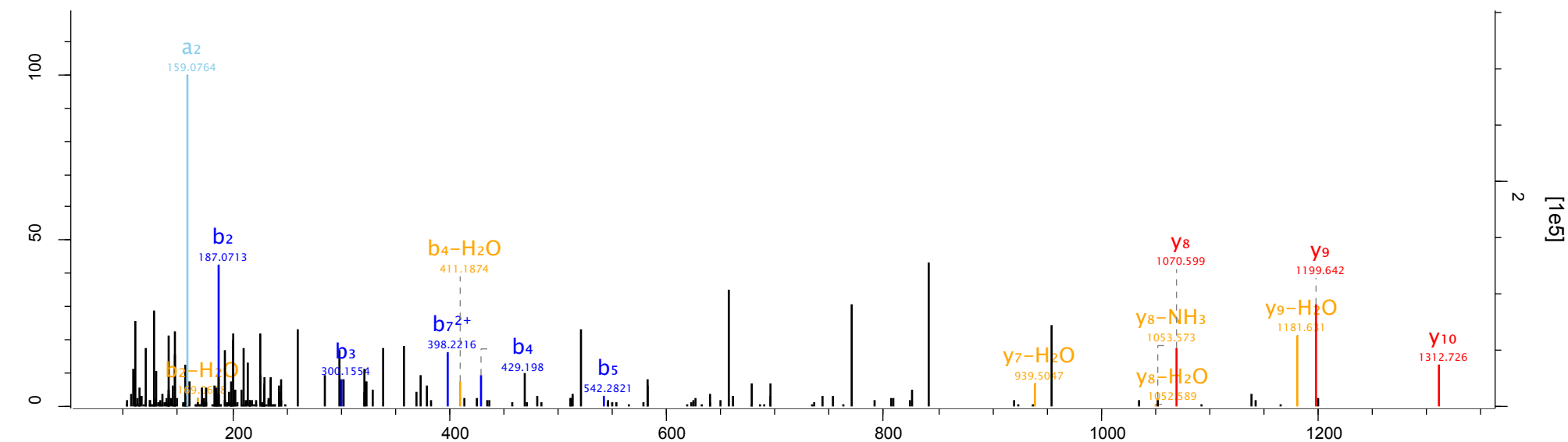
ACTB;ACTA1;ACTC1;ACTG2;ACTA2;ACTG1;ACTBL2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	18820	FTMS; HCD	70.03	754.82	CBLB



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_200mM	19095	FTMS; HCD	44.56	500.27	BAI3



- D A L E L R P A E W E tr K -

b2 b3 b4 b5 b7 2+

y10 y9 y8

Raw file

Zhibin_20150831_MDAOPA_SCX_200mM

Scan

19242

Method

FTMS; HCD

Score

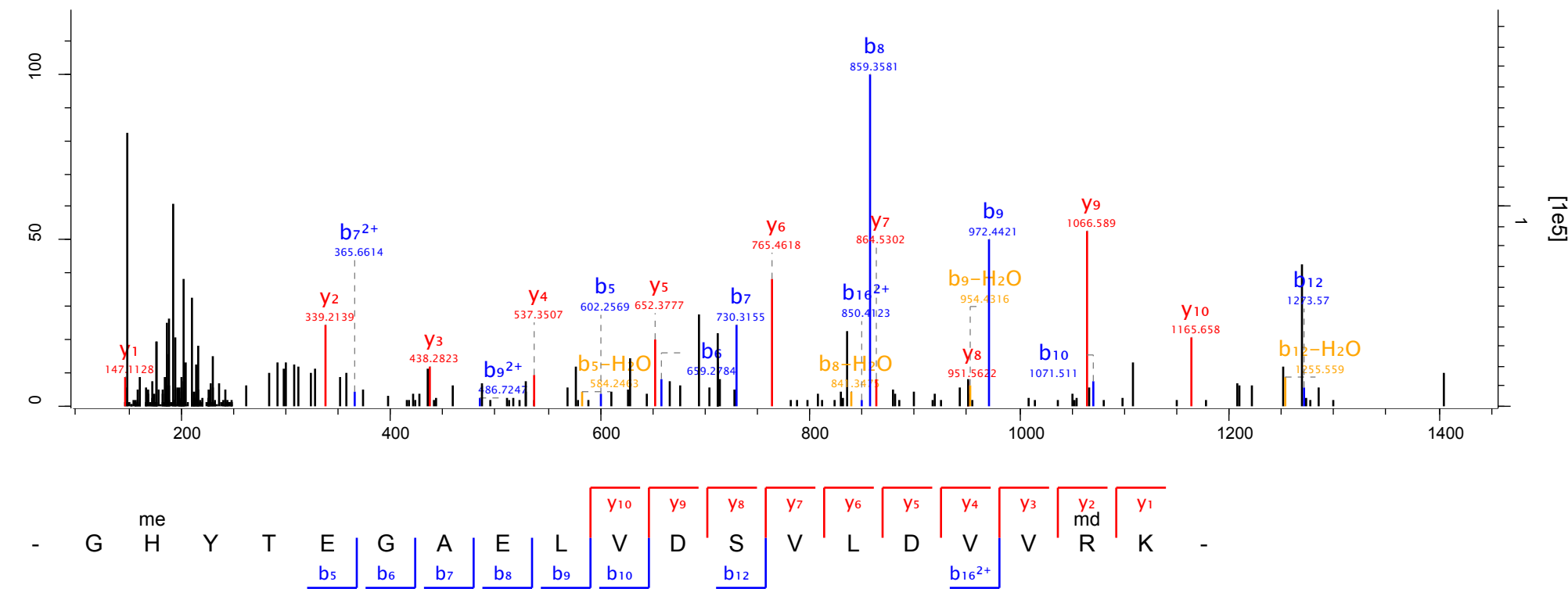
66.15

m/z

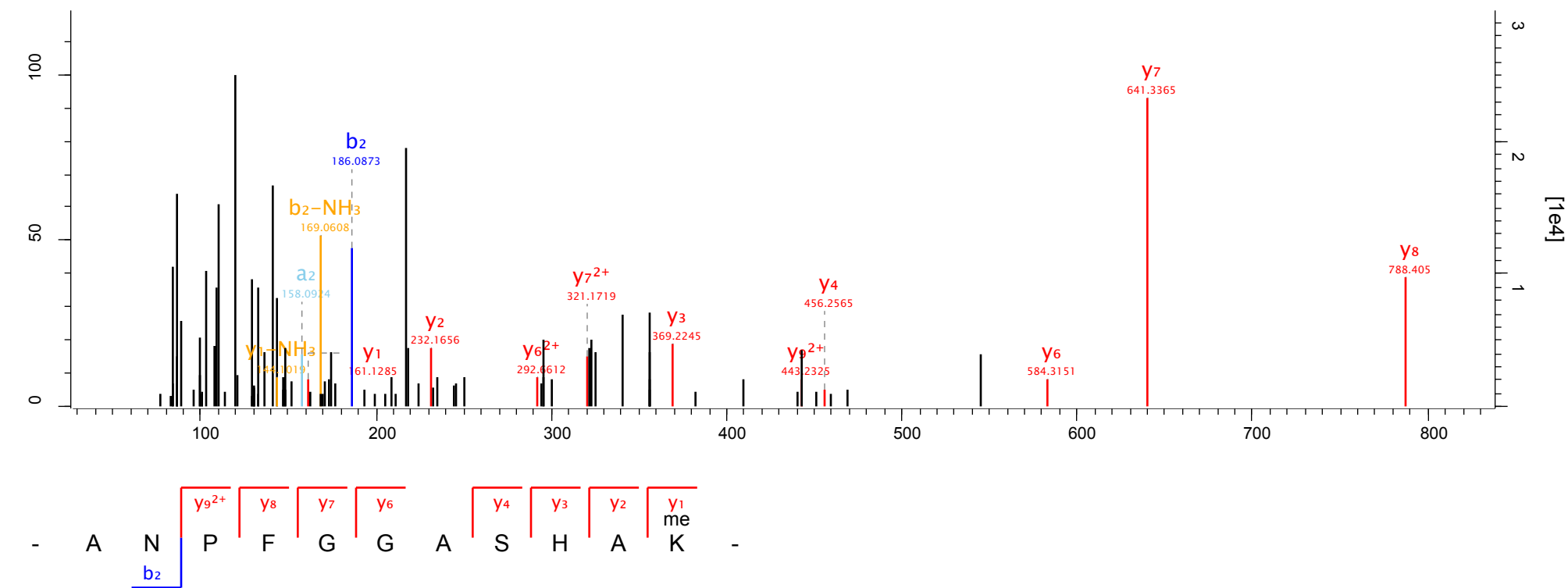
713.37

Gene names

TUBB2B;TUBB2A;TUBB;TUBB3;TUBB4B



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	3424	FTMS; HCD	44.85	357.52	RPS23



Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan

3437

Method

FTMS; HCD

Score

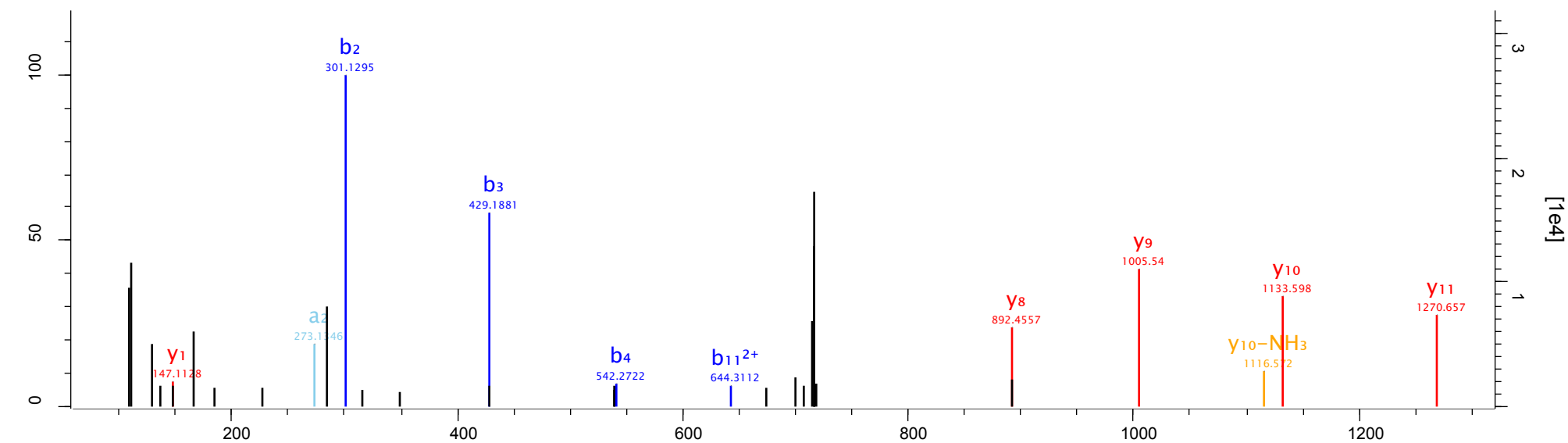
49.93

m/z

717.36

Gene names

HNRNPDL



Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan

4113

Method

FTMS; HCD

Score

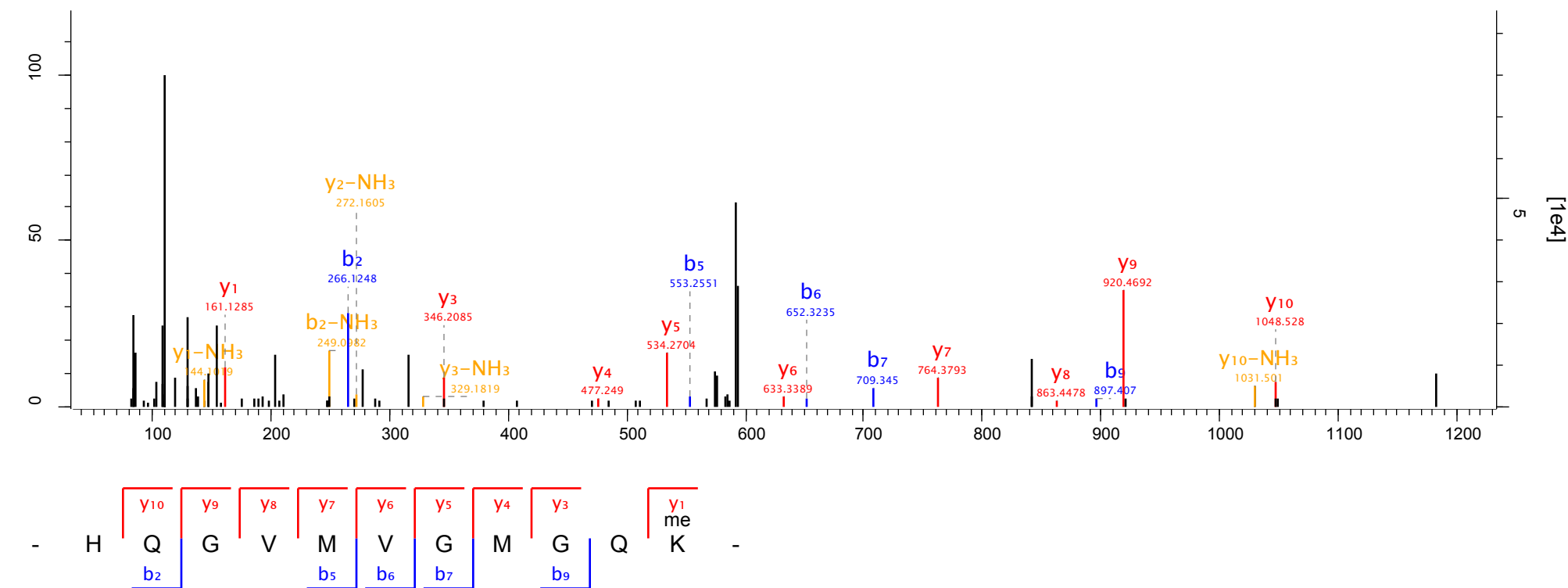
86.34

m/z

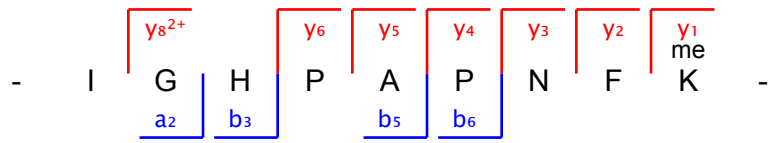
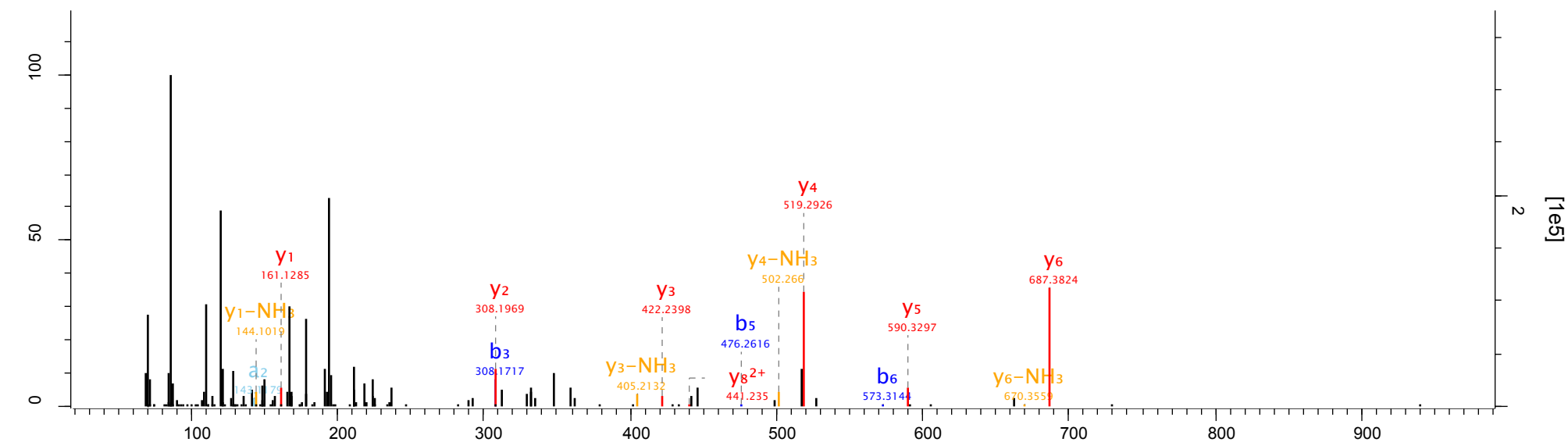
593.3

Gene names

ACTB;ACTA1;ACTC1;ACTG2;ACTA2;ACTG1;ACTBL2



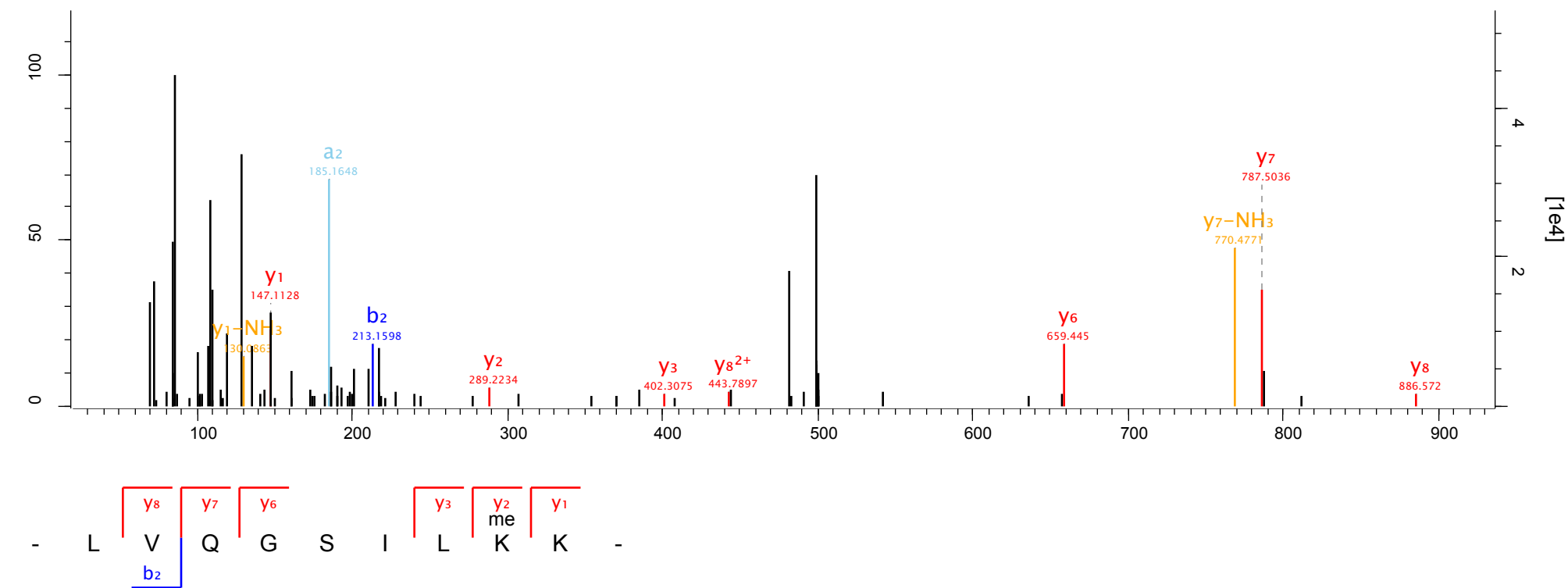
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	4291	FTMS; HCD	62.55	332.19	PRDX1



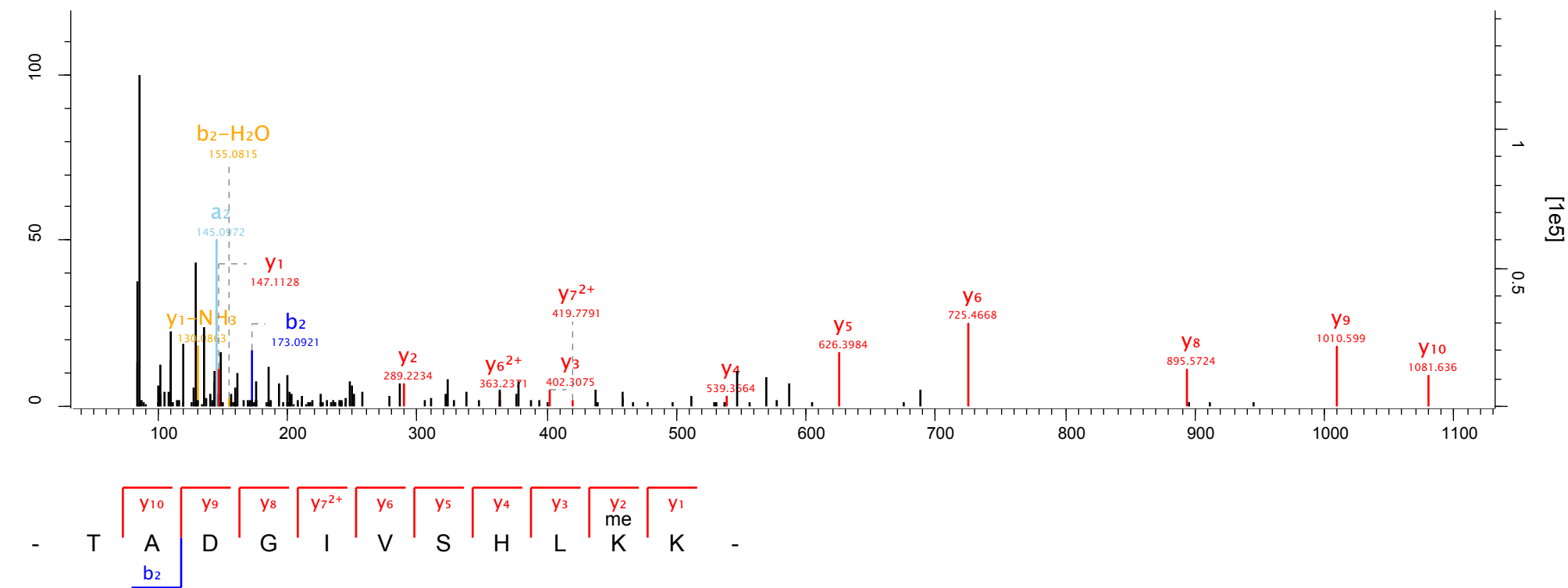
Raw file

Scan	Method	Score	m/z	Gene names
4482	FTMS; HCD	46.46	500.33	PCNA

Zhibin_20150831_MDAOPA_SCX_300mM



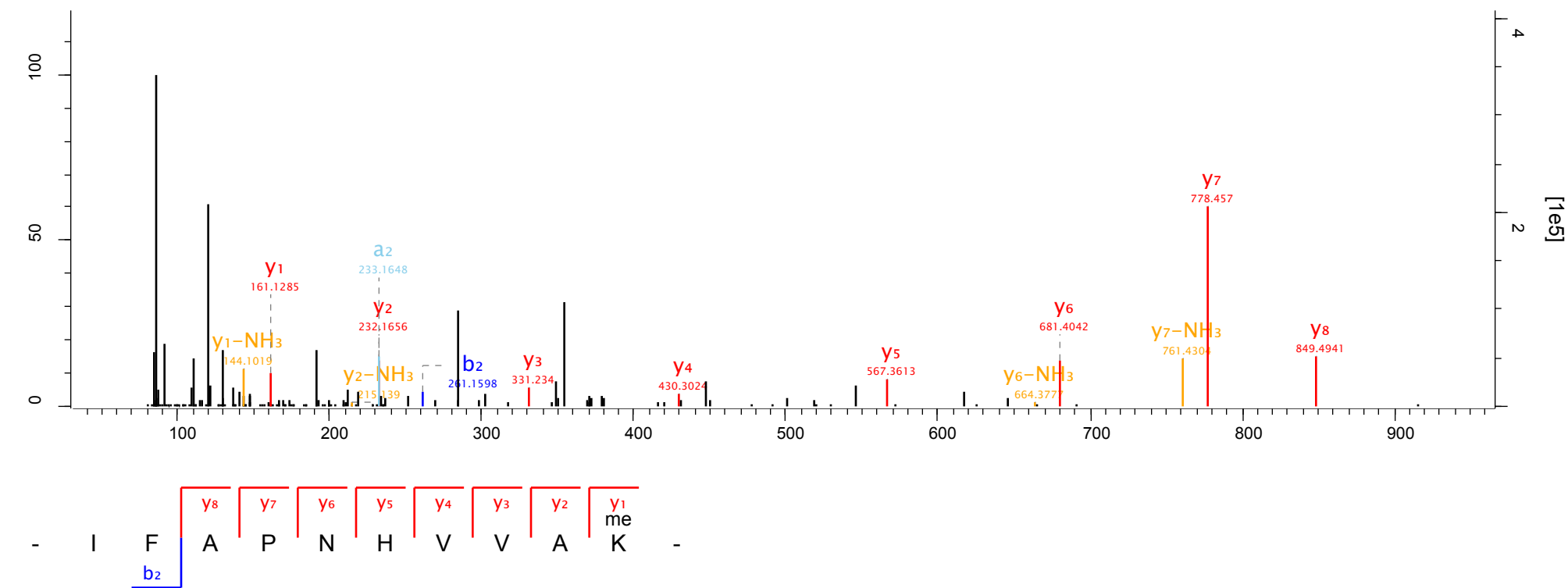
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	4936	FTMS; HCD	42.63	394.9	PDIA3



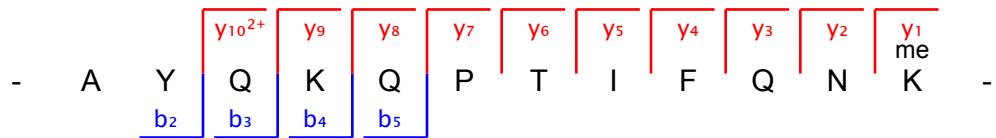
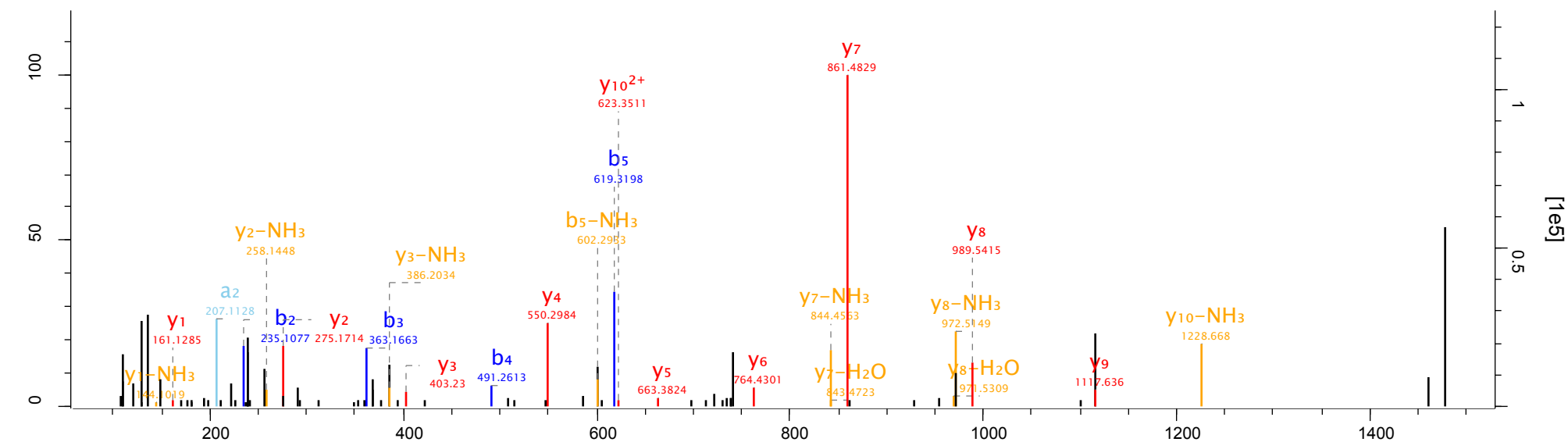
Raw file

Scan	Method	Score	m/z	Gene names
5001	FTMS; HCD	62.46	370.55	RPL18A

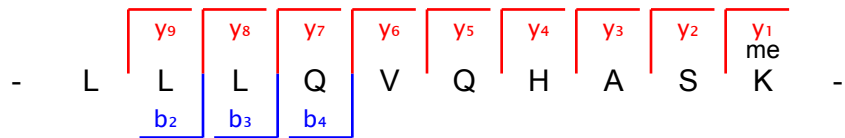
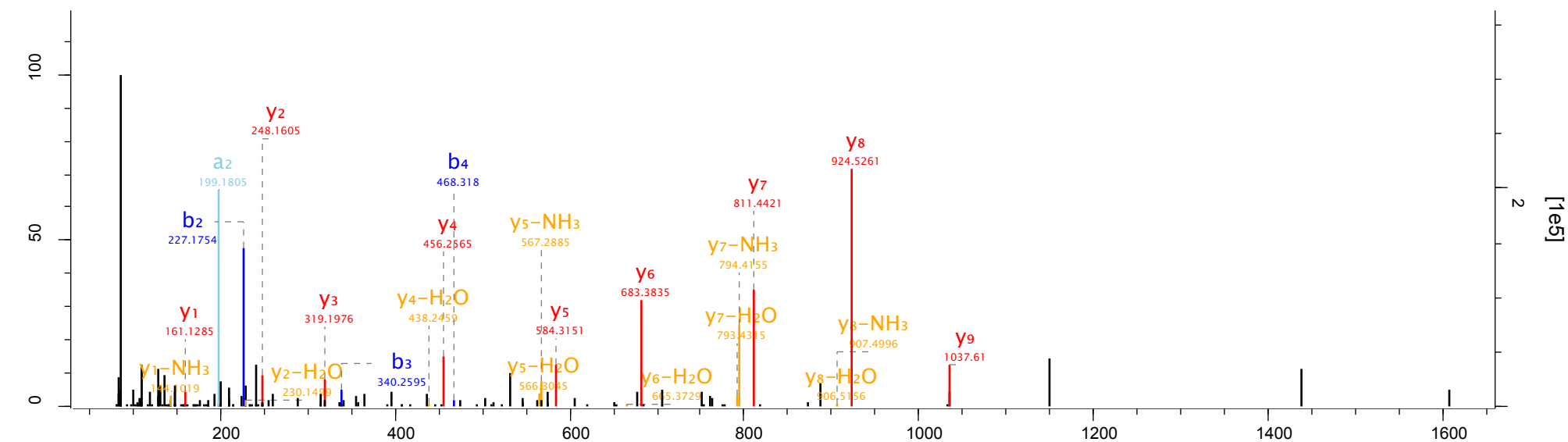
Zhibin_20150831_MDAOPA_SCX_300mM



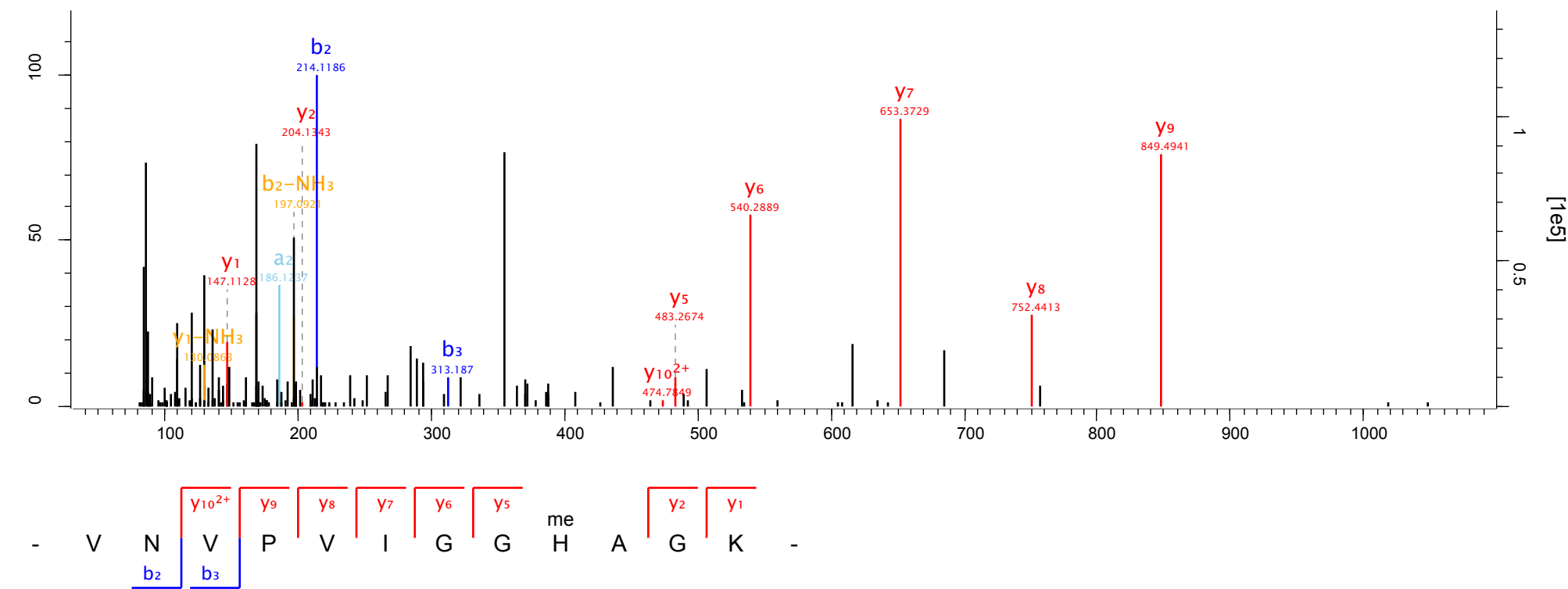
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	5146	FTMS; HCD	113.22	740.4	RPS11



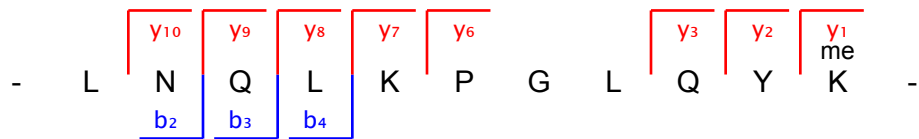
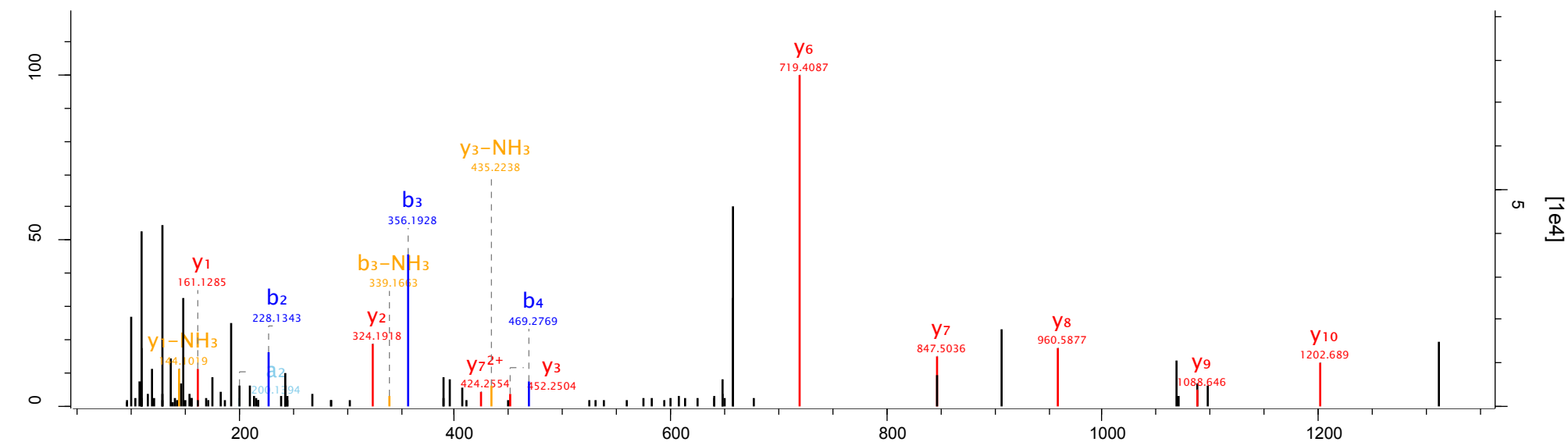
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	5421	FTMS; HCD	123.79	575.85	SLC25A6;SLC25A5



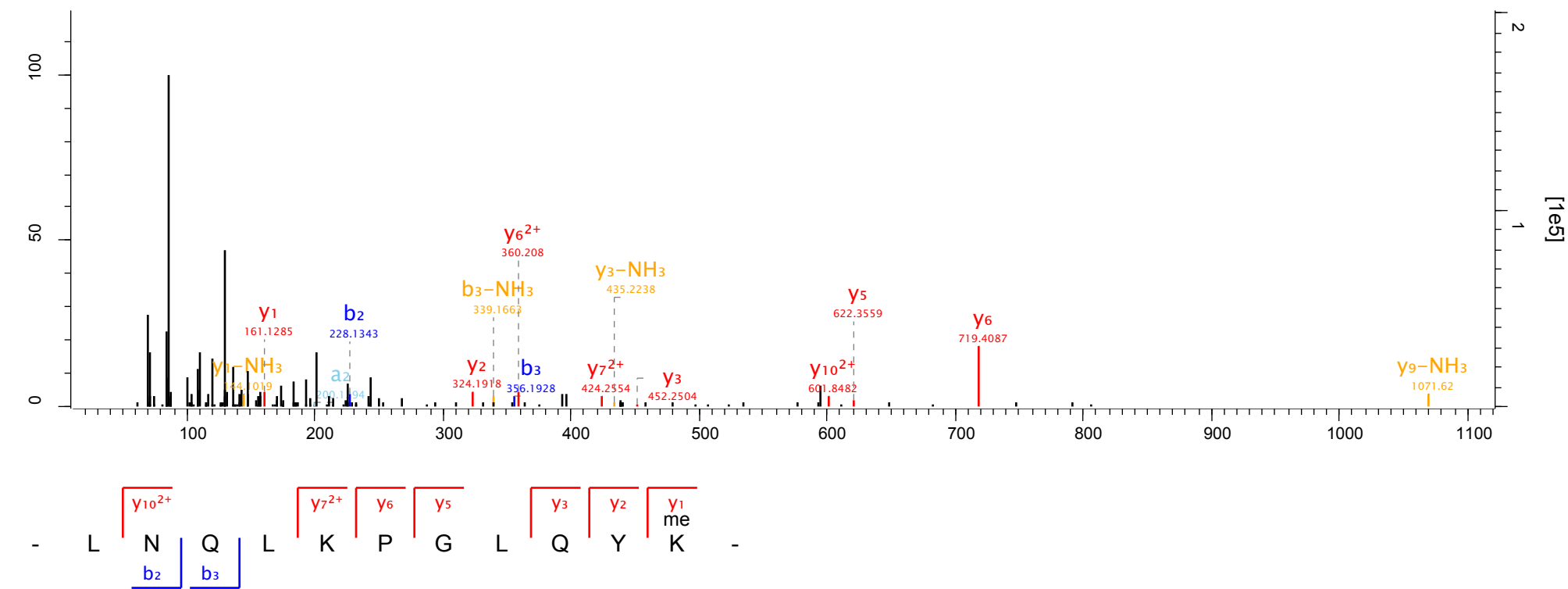
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	5445	FTMS; HCD	43.68	387.9	MDH2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	5732	FTMS; HCD	58.74	658.39	ILF3

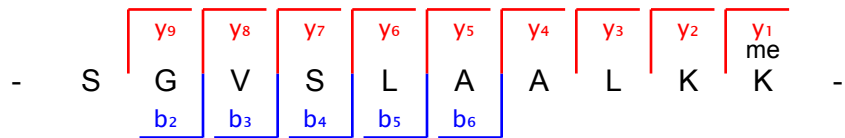


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	5759	FTMS; HCD	41.7	439.75	ILF3



Gene names

HIST1H1C;HIST1H1E;HIST1H1D



Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan

5790

Method

FTMS; HCD

Score

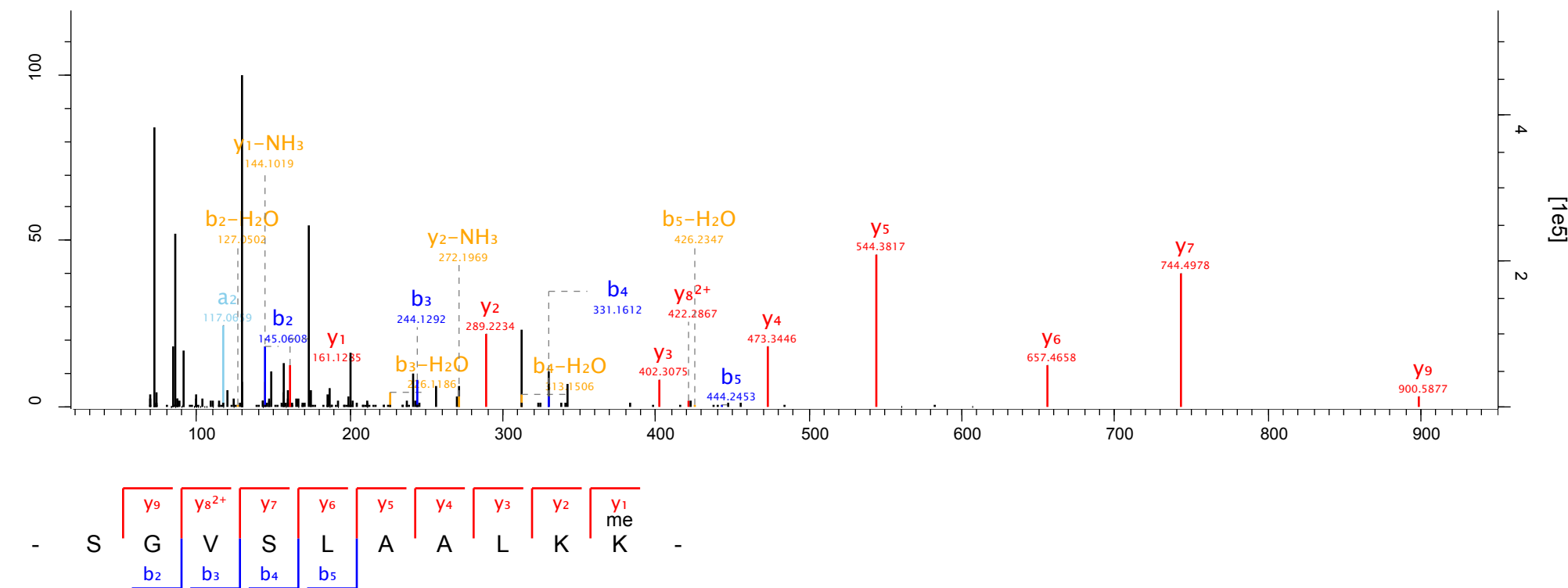
77.14

m/z

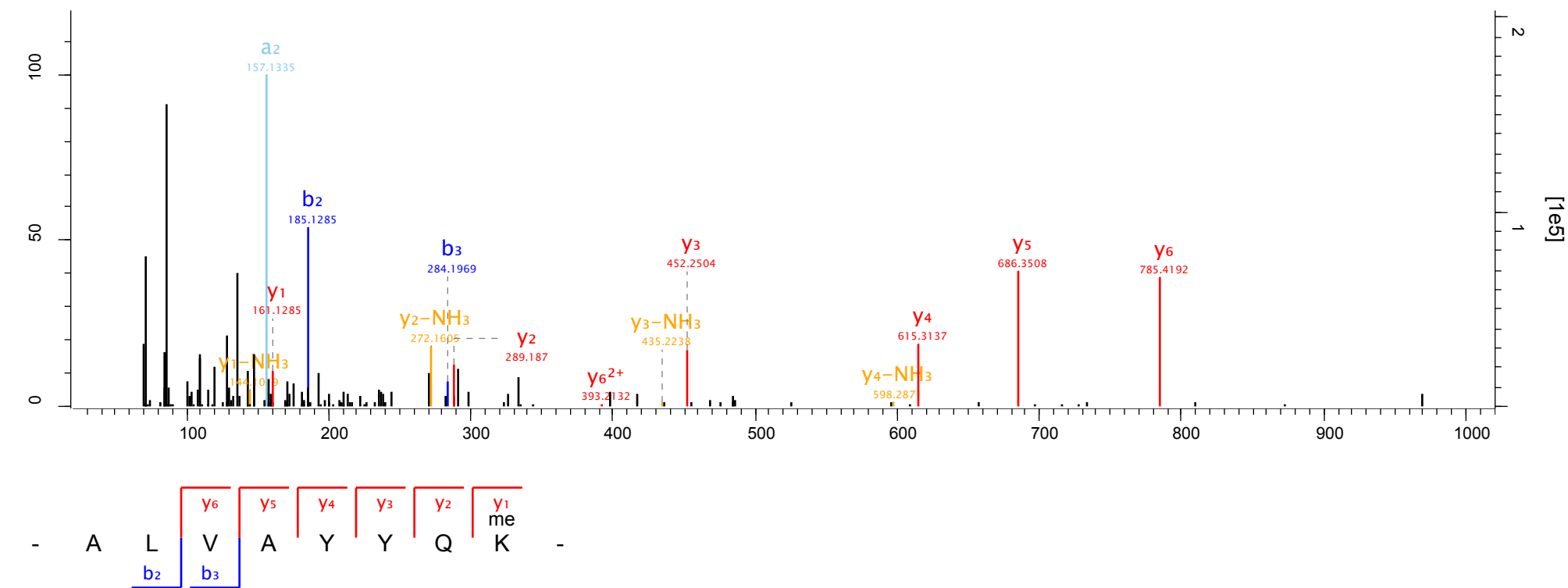
329.88

Gene names

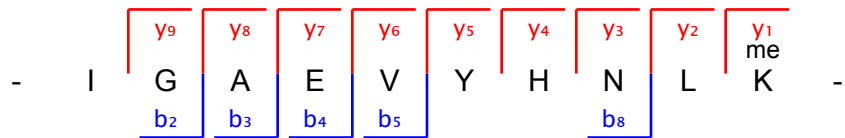
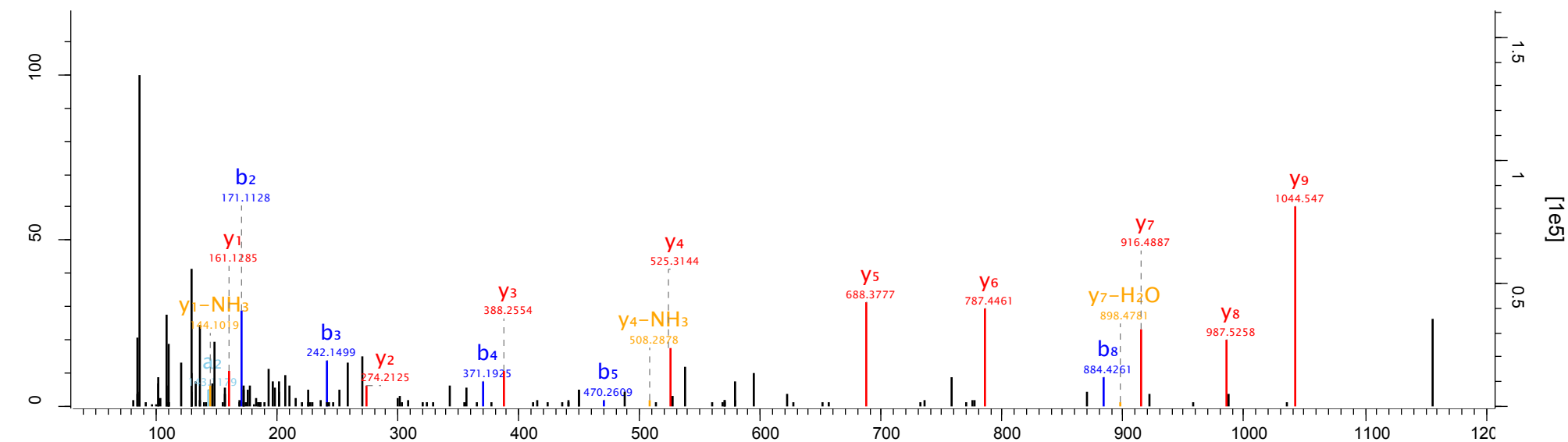
HIST1H1C;HIST1H1E;HIST1H1D



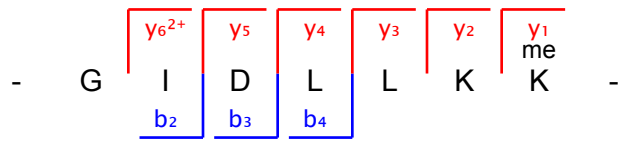
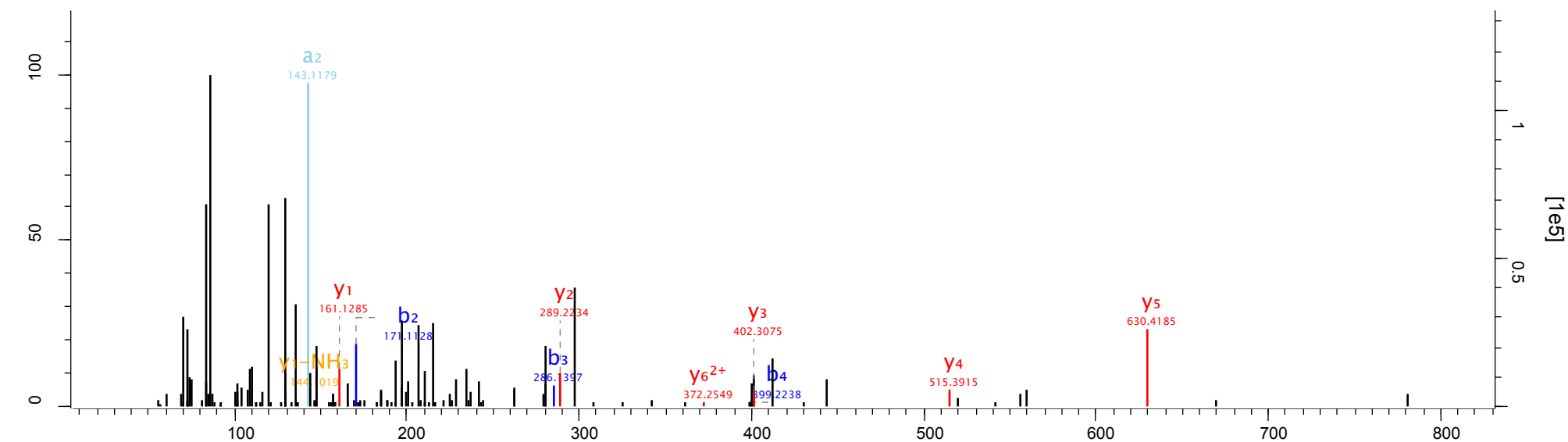
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	5818	FTMS; HCD	70	485.27	RPS16



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	5915	FTMS; HCD	62.47	579.32	ENO1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	5998	FTMS; HCD	45.95	400.77	MATR3



Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan

6004

Method

FTMS; HCD

Score

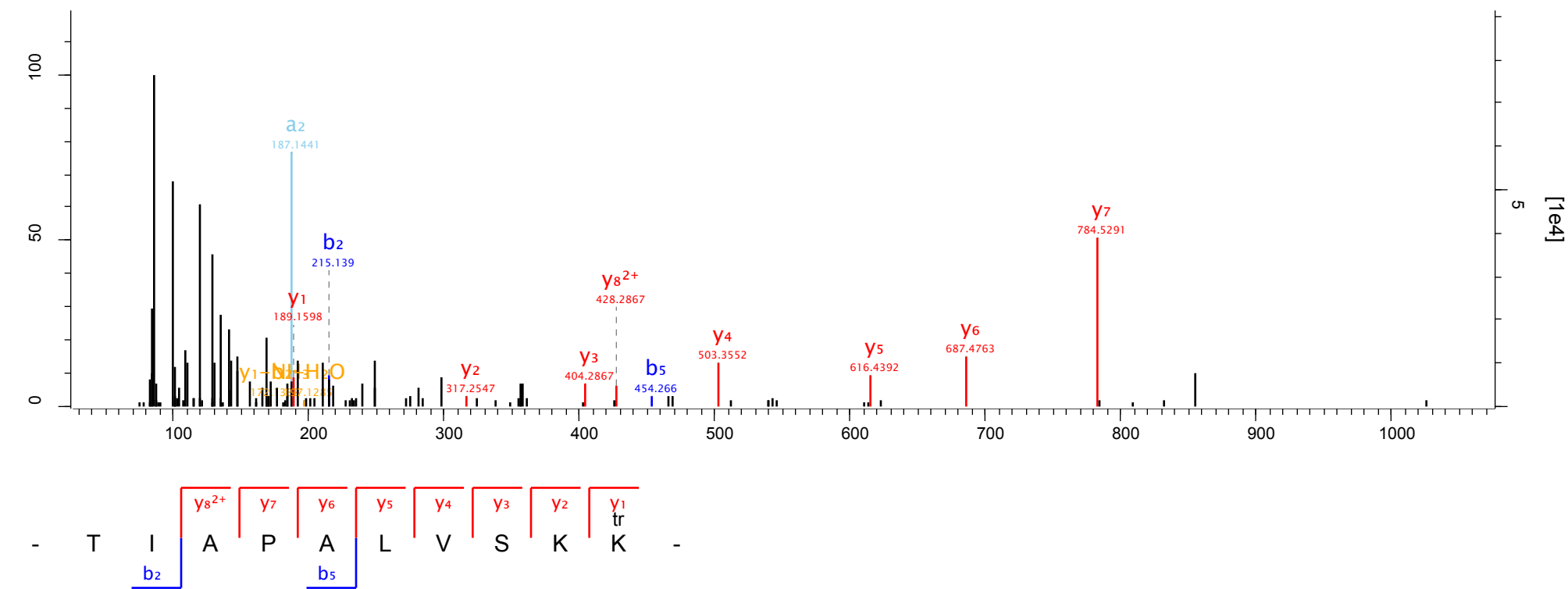
47.84

m/z

357.24

Gene names

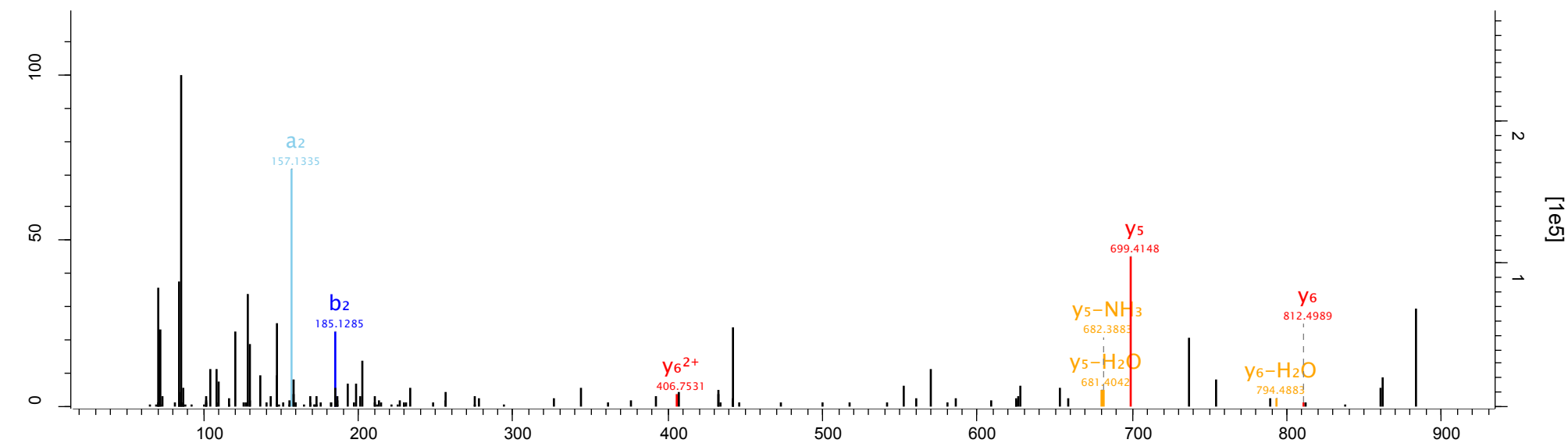
ENO1



Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan	Method	Score	m/z	Gene names
6442	FTMS; HCD	53.71	442.27	FSIP2



Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan

7041

Method

FTMS; HCD

Score

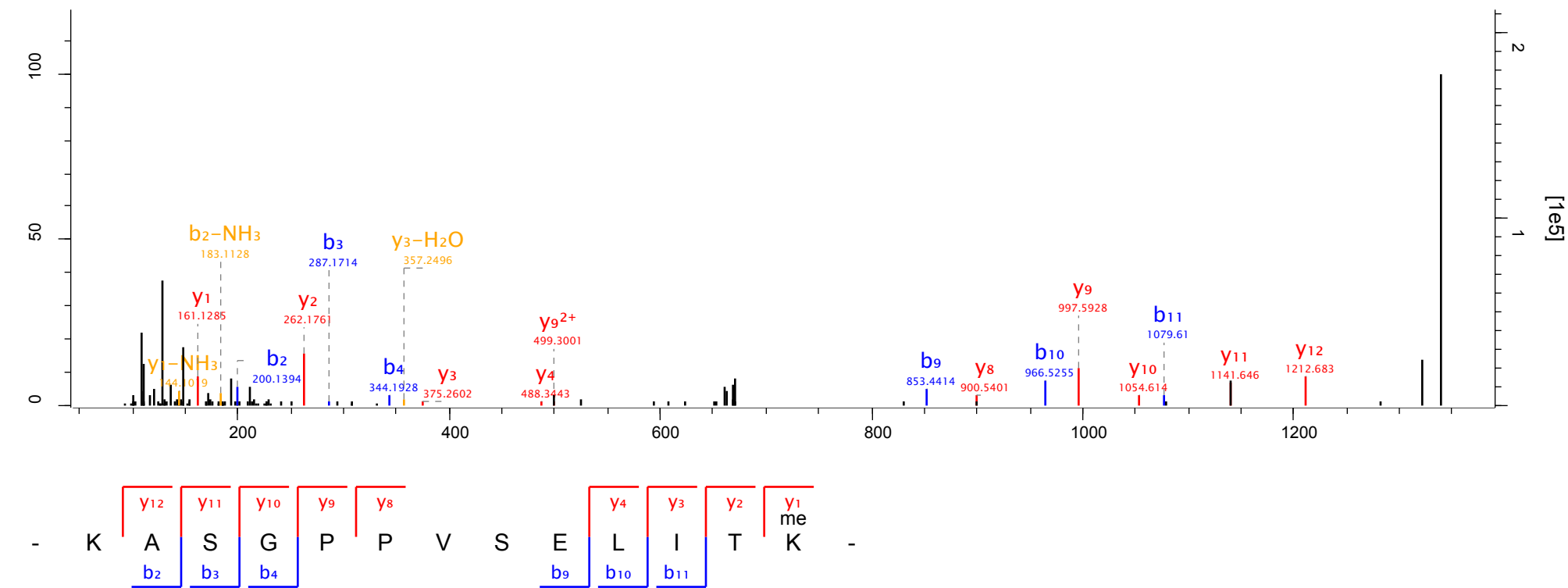
69.26

m/z

670.89

Gene names

HIST1H1C; HIST1H1E; HIST1H1D



Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan

7064

Method

FTMS; HCD

Score

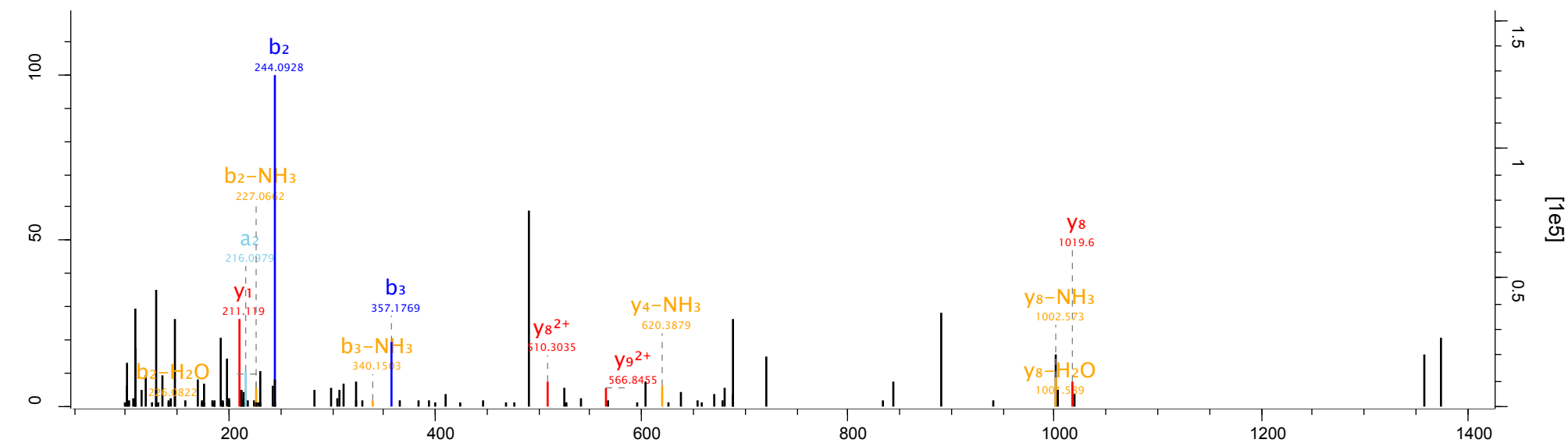
43.3

m/z

688.89

Gene names

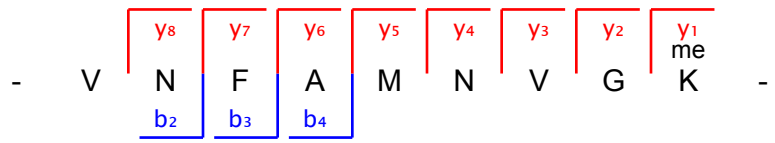
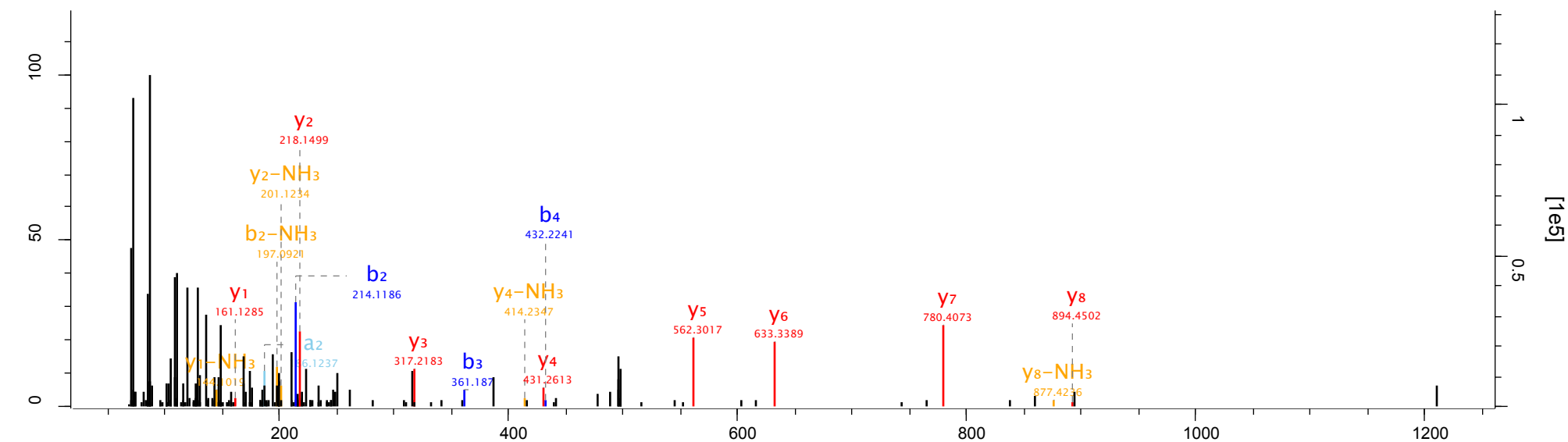
TBC1D31



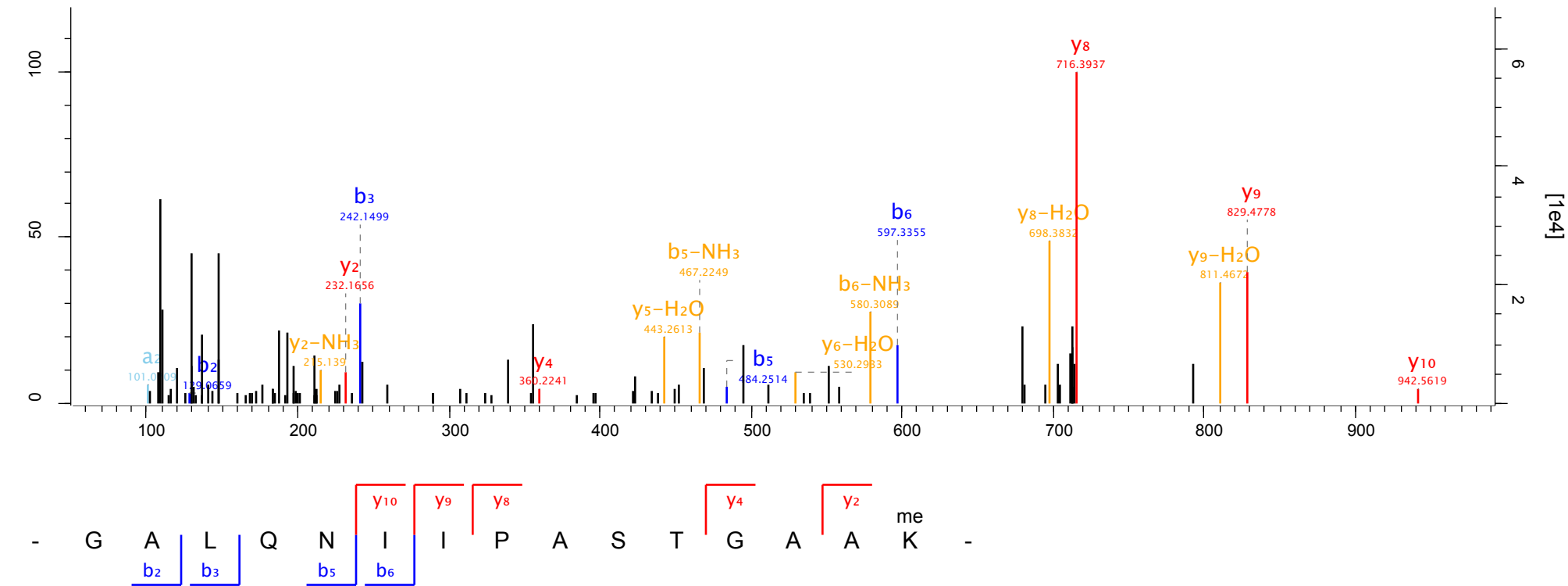
- N E L P D G L N tr K K R -

b₂ b₃ y₉²⁺ y₈ y₁ md

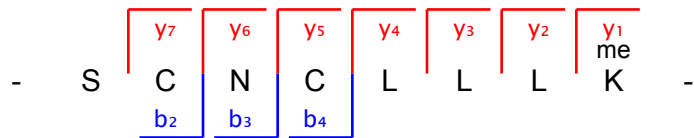
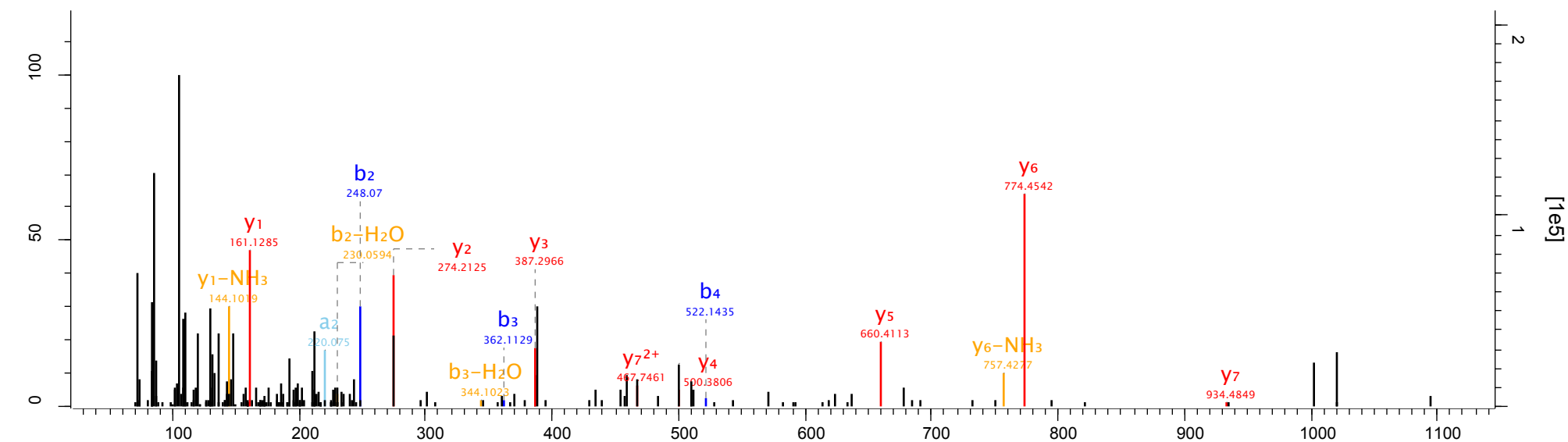
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	7297	FTMS; HCD	74.92	497.26	PKM;PKM2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	7362	FTMS; HCD	49.3	713.41	GAPDH



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	7586	FTMS; HCD	82.28	511.26	ENO1



Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan

Method

Score

m/z

Gene names

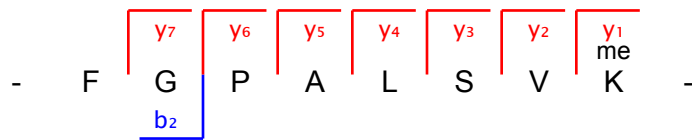
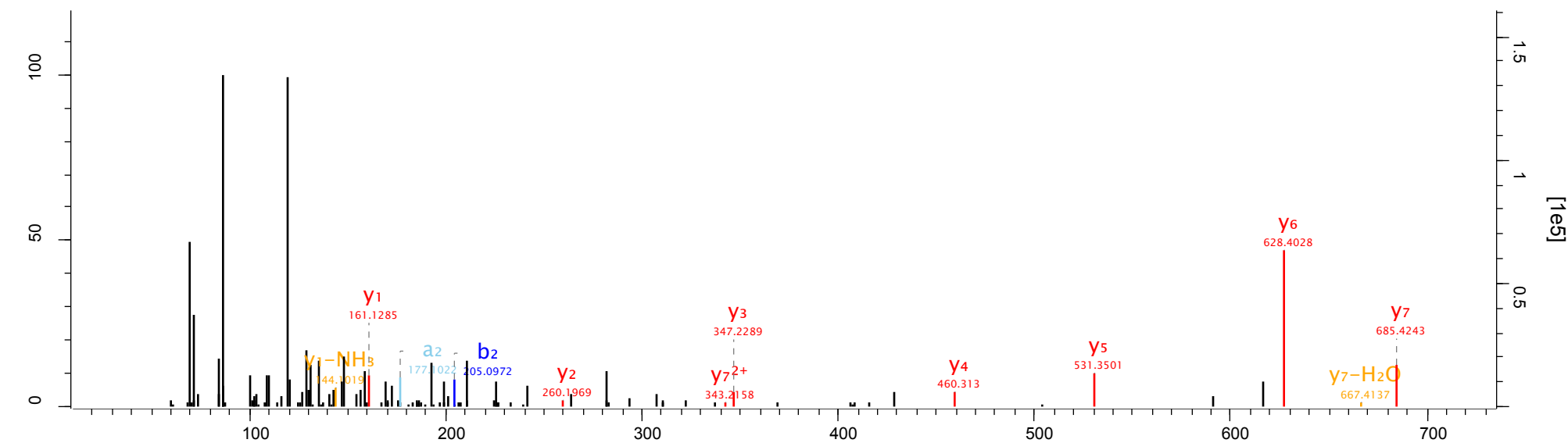
7876

FTMS; HCD

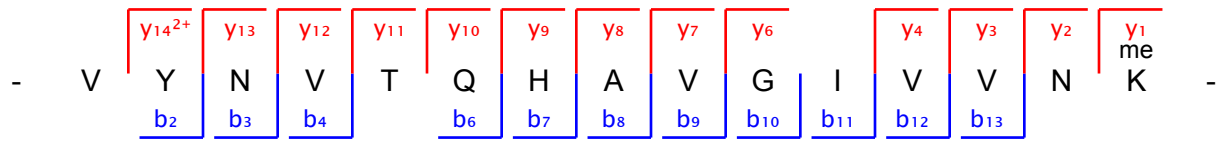
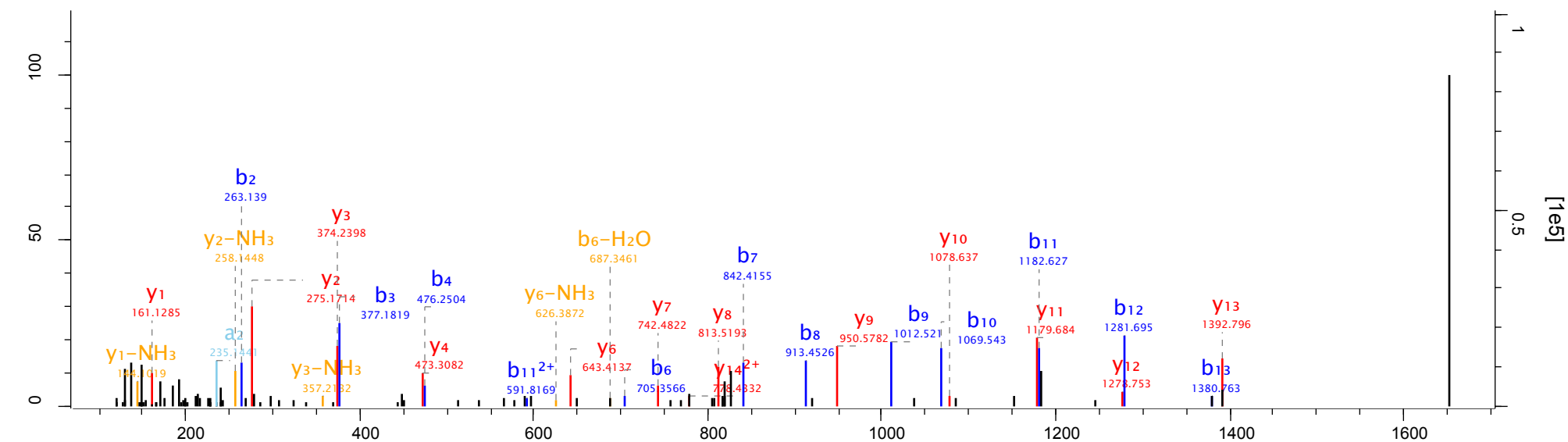
49.72

417.22

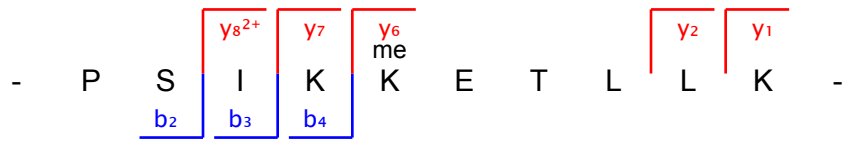
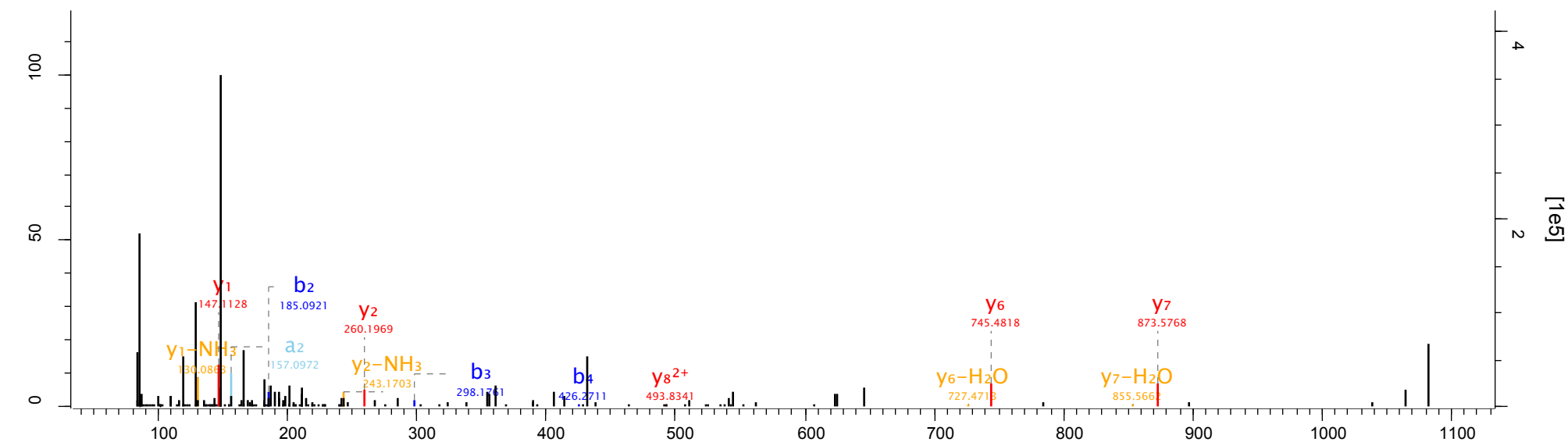
PABPC1;PABPC3



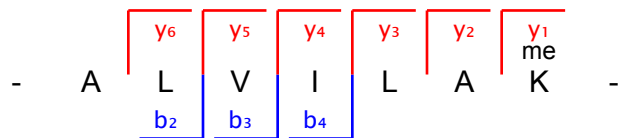
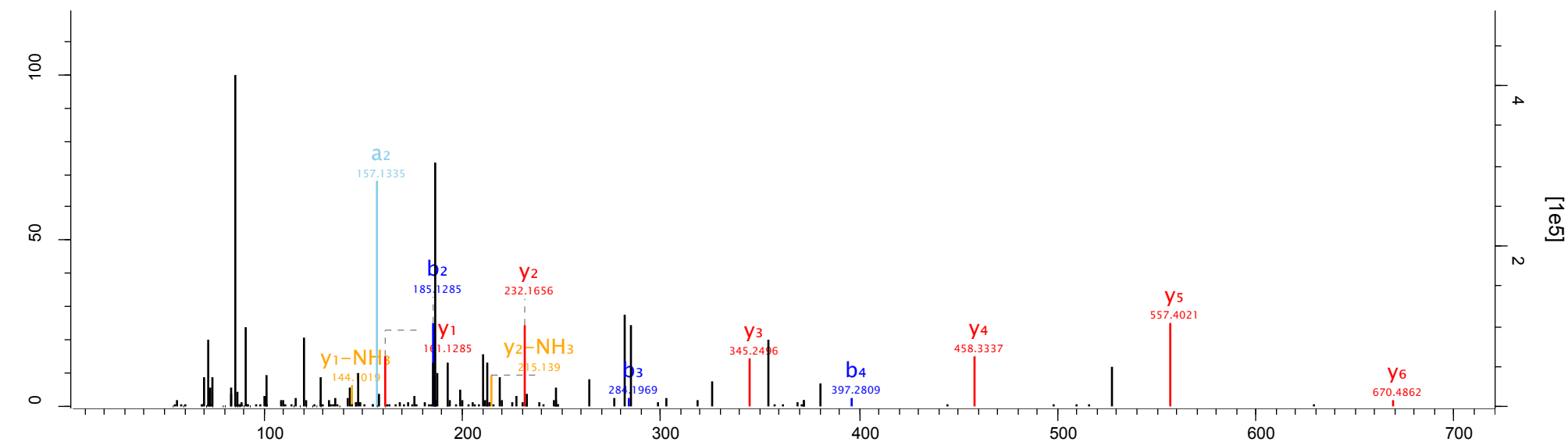
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	7911	FTMS; HCD	142.54	827.97	RPL21



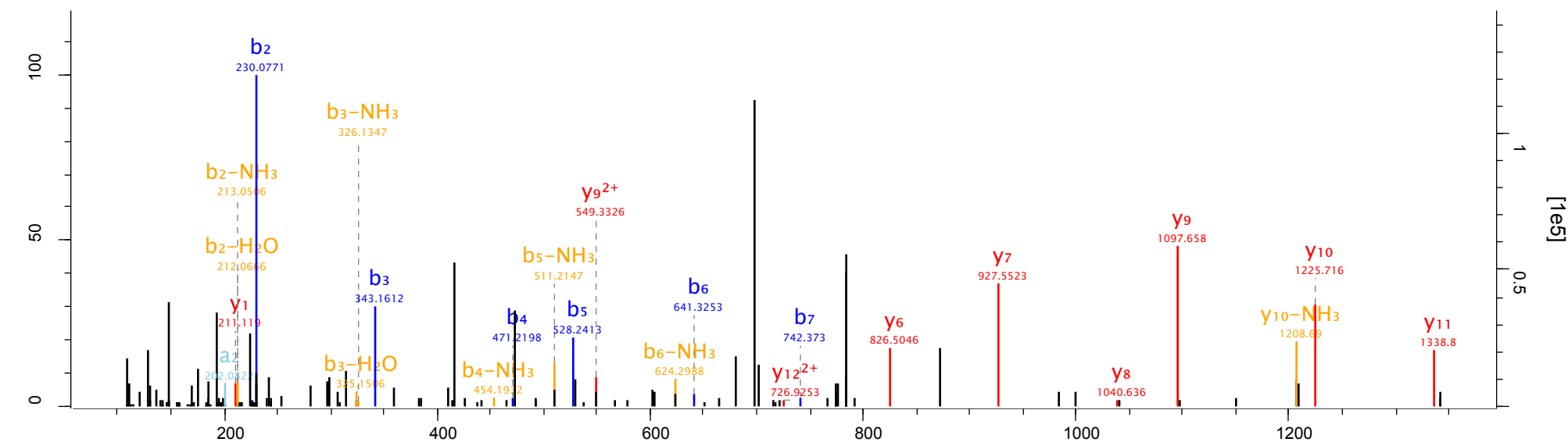
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	8092	FTMS; HCD	46.03	390.92	CCNB3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	8236	FTMS; HCD	67.74	371.72	PARK7



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	8250	FTMS; HCD	87.99	784.44	HIST1H4A

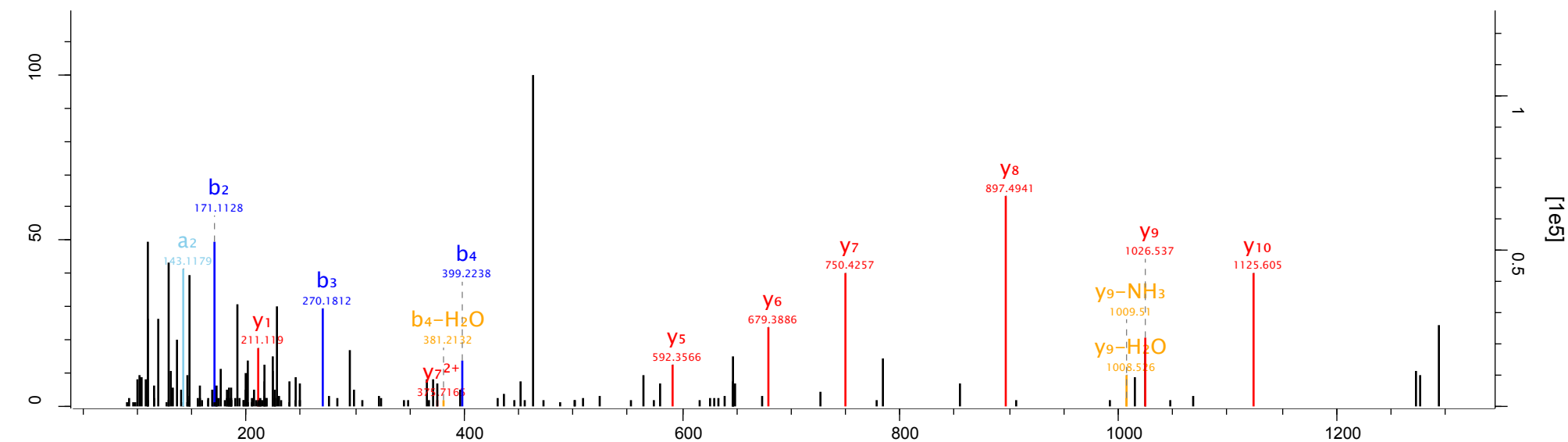


Peptide sequence: - D N I Q G I T K P A I R -

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

- b₂ (N)
- b₃ (I)
- b₄ (Q)
- b₅ (G)
- b₆ (I)
- b₇ (T)
- y₁ (K)
- y₆ (me)
- y₇ (R)
- y₈ (R)
- y₉ (R)
- y₁₀ (R)
- y₁₁ (R)
- y₁₂²⁺ (R)

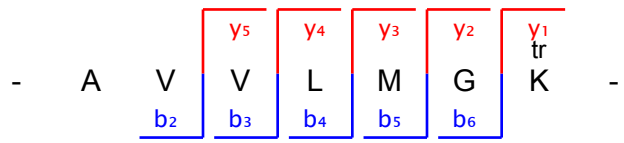
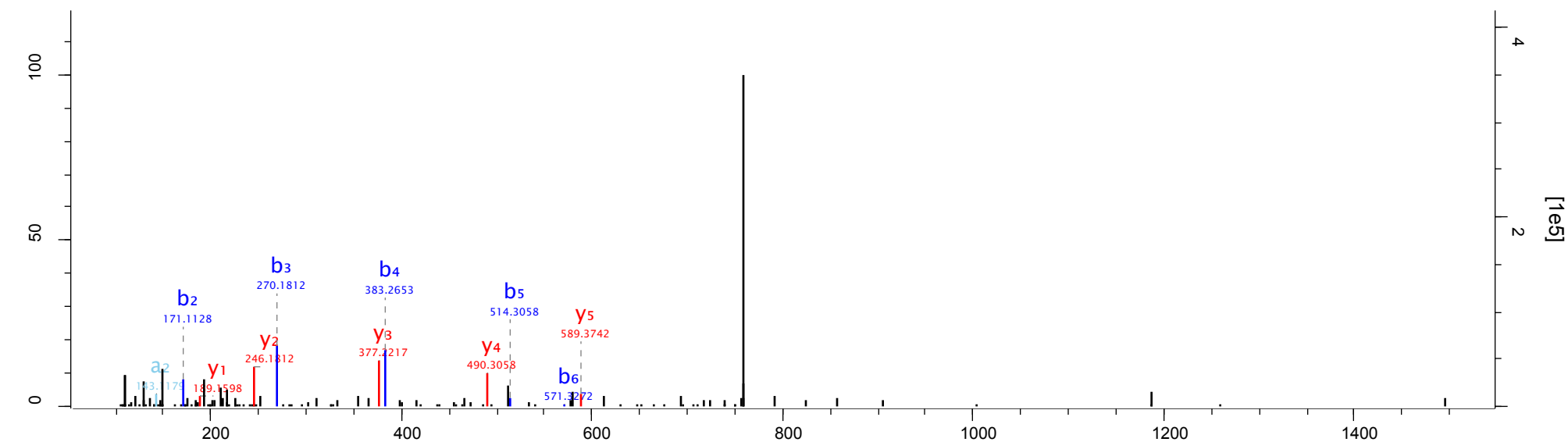
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	8268	FTMS; HCD	66.27	648.36	SFPQ

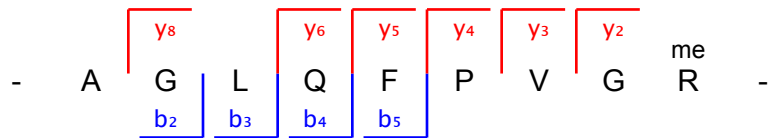
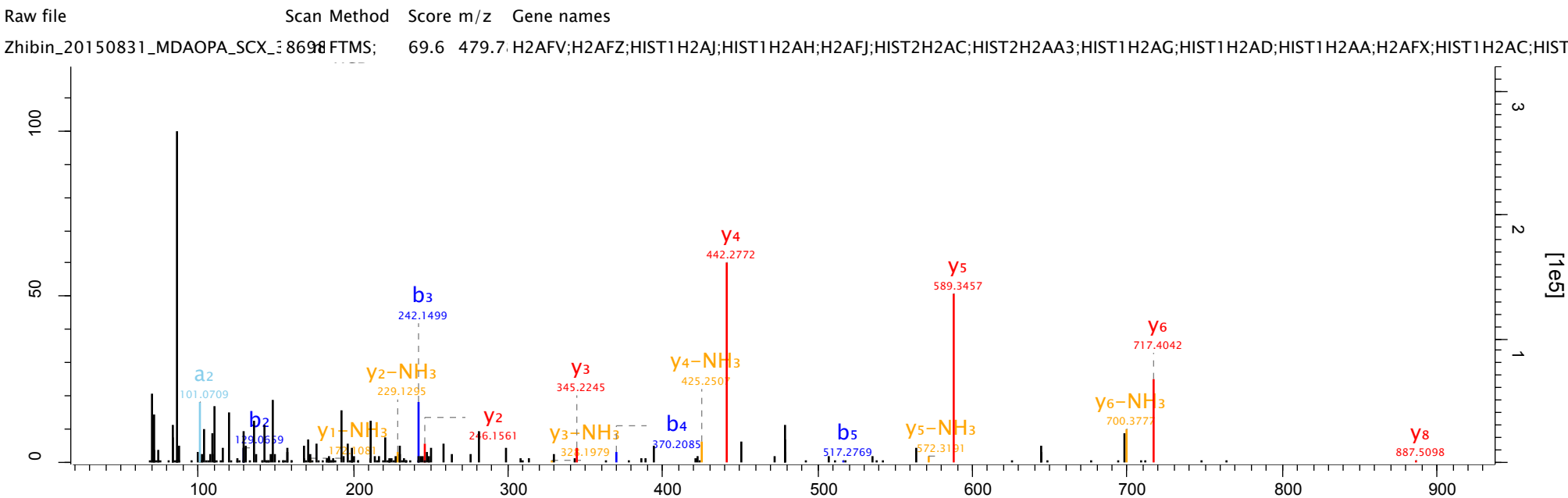


- G I V E F A S K P A A R -

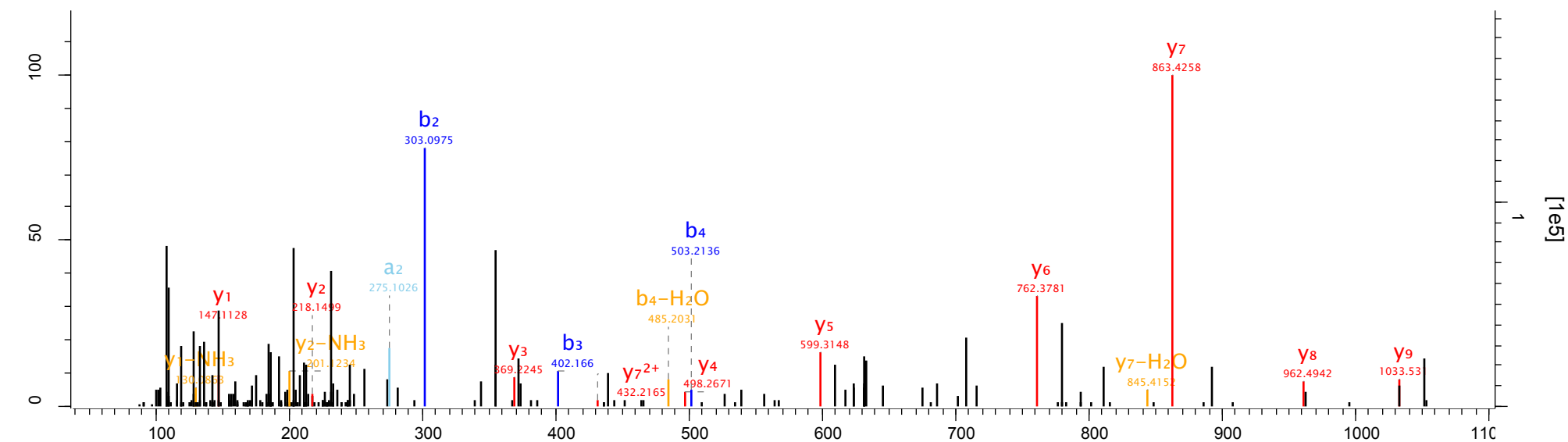
b₂
b₃
b₄
y₁₀
y₉
y₈
y₇
y₆
y₅
me
y₁
md

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	8287	FTMS; HCD	76.35	759.41	RPLP0





Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	8819	FTMS; HCD	59.42	632.8	HIST1H4A



op
- D

y9	y8	y7	y6	y5	y4	y3	y2	y1	
A	V	T	Y	T	E	me	A	K	-
b2	b3	b4							

Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan

9260

Method

FTMS; HCD

Score

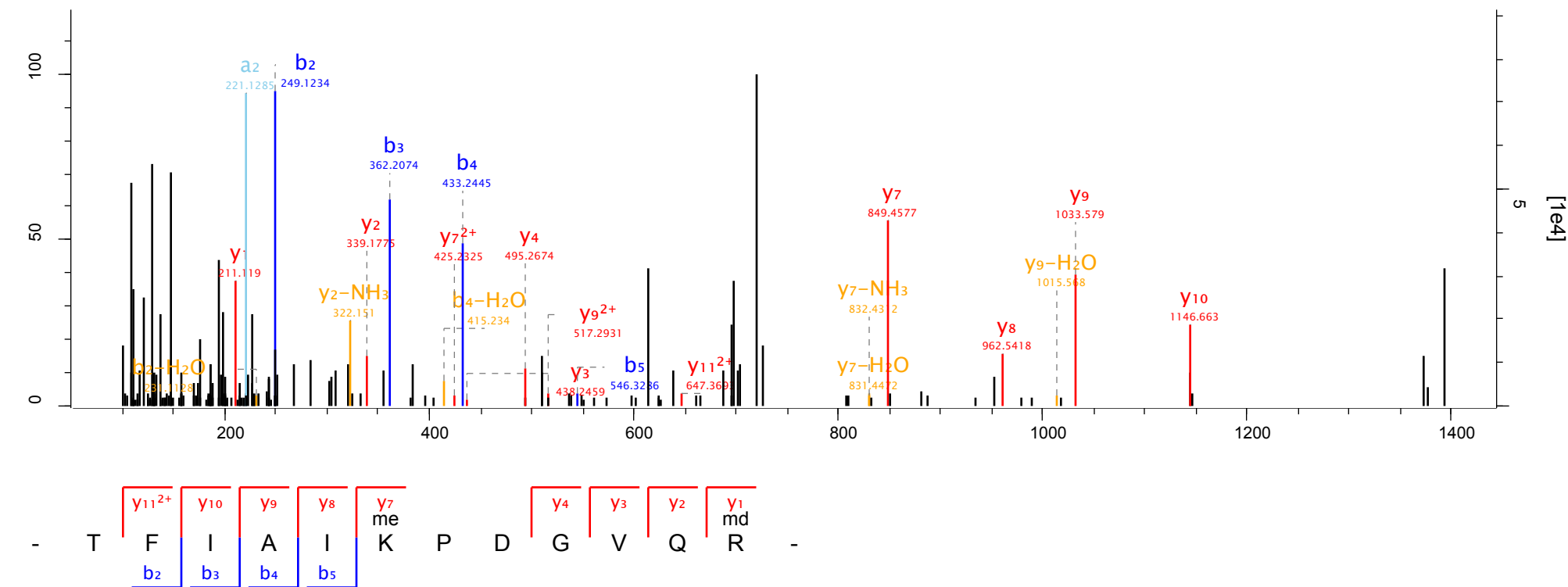
98.16

m/z

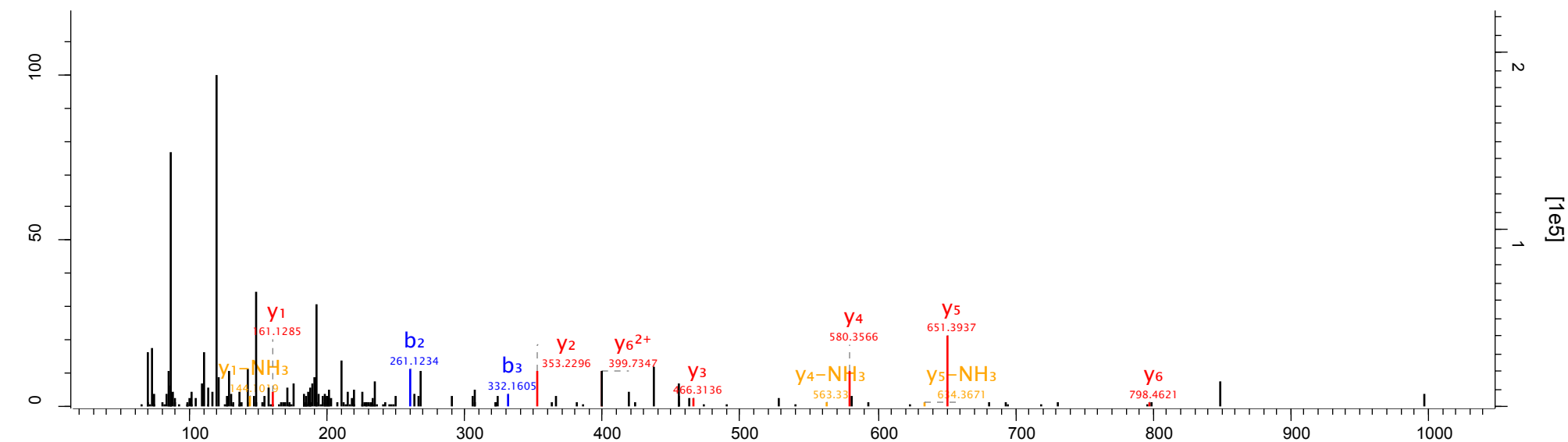
697.89

Gene names

NME1-NME2;NME2;NME1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	10085	FTMS; HCD	62.71	456.26	PHGDH



ac

- A F A N L R K -

b₂ b₃

Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan

10443

Method

FTMS; HCD

Score

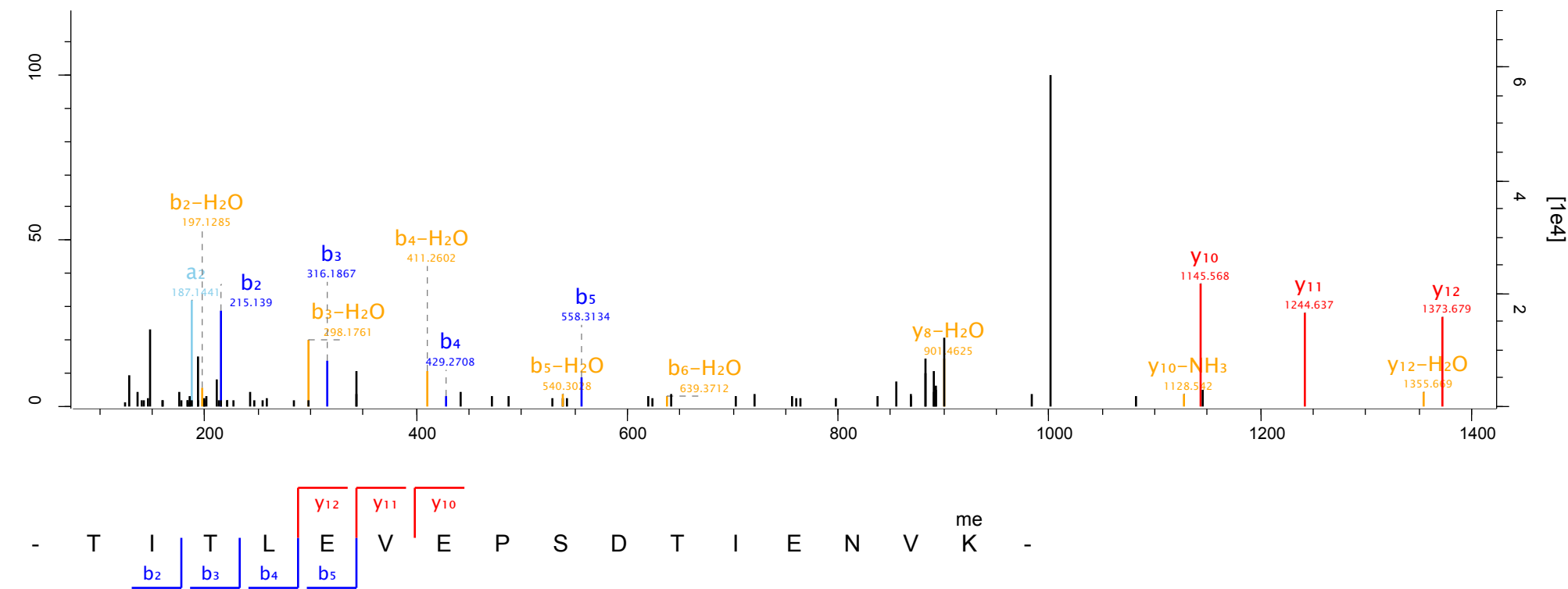
62.29

m/z

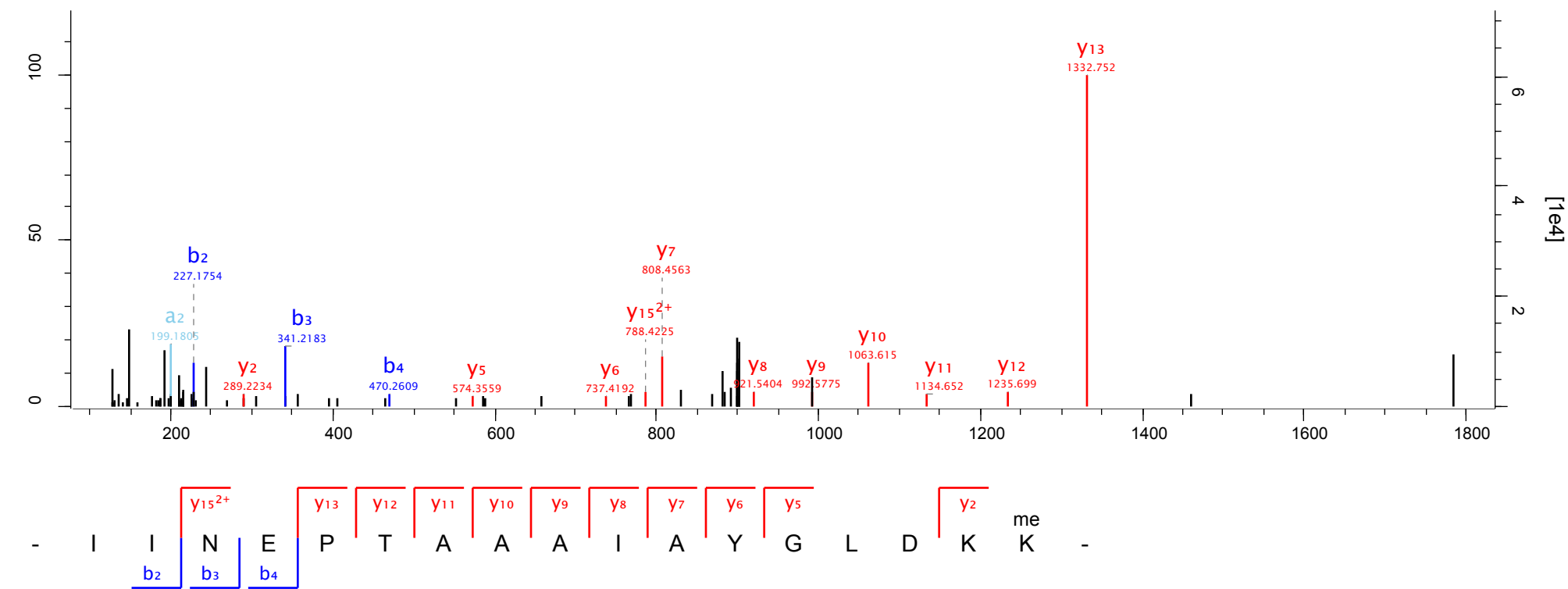
901.97

Gene names

RPS27A;UBB;UBC;UBA52;UBBP4



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	10498	FTMS; HCD	50.18	902.01	HSPA8;HSPA2



Raw file

Zhibin_20150831_MDAOPA_SCX_300mM

Scan

11539

Method

FTMS; HCD

Score

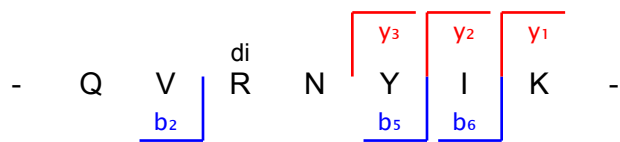
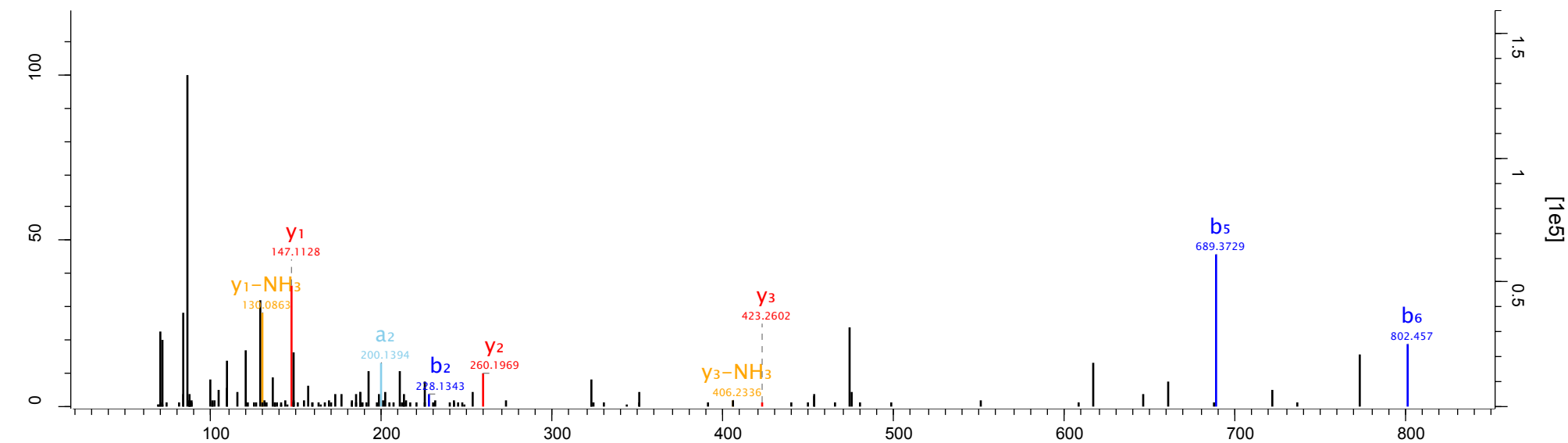
50.97

m/z

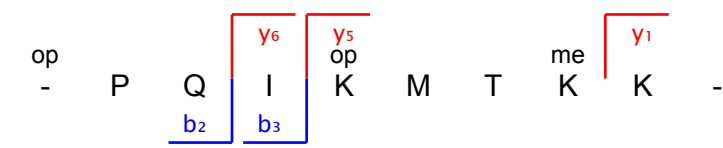
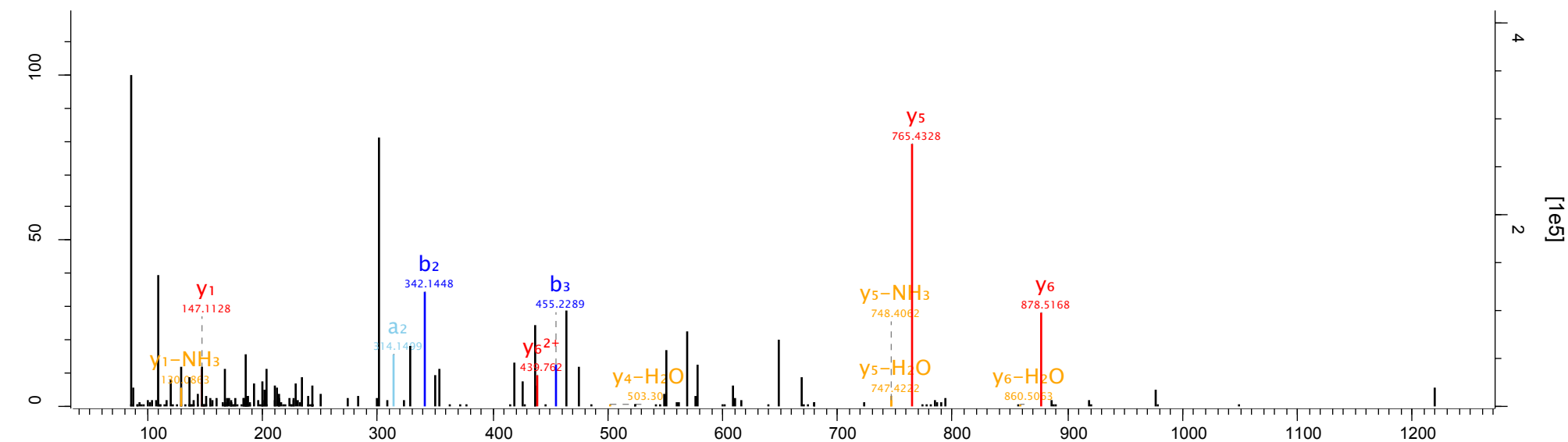
474.78

Gene names

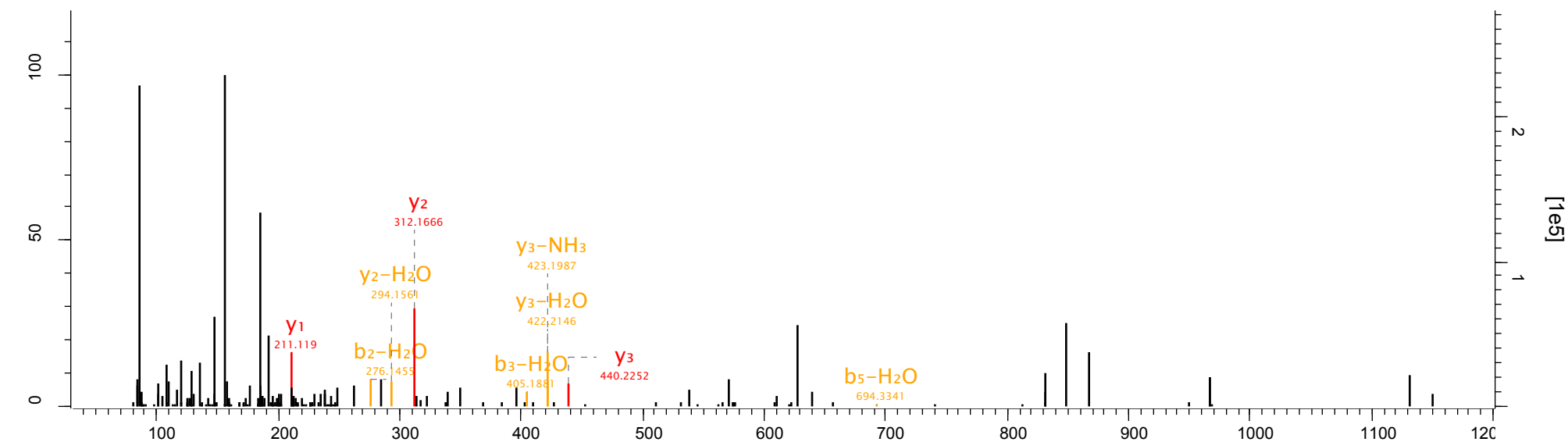
FAM199X



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	11605	FTMS; HCD	54.61	610.83	ALCAM

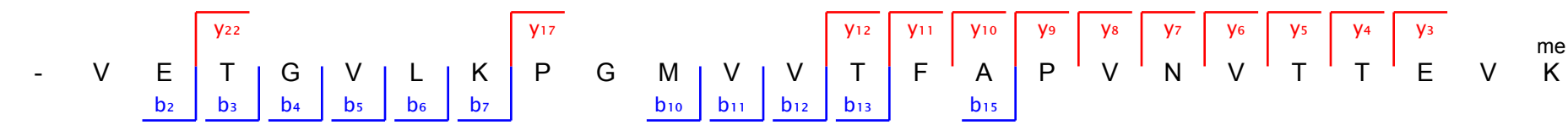
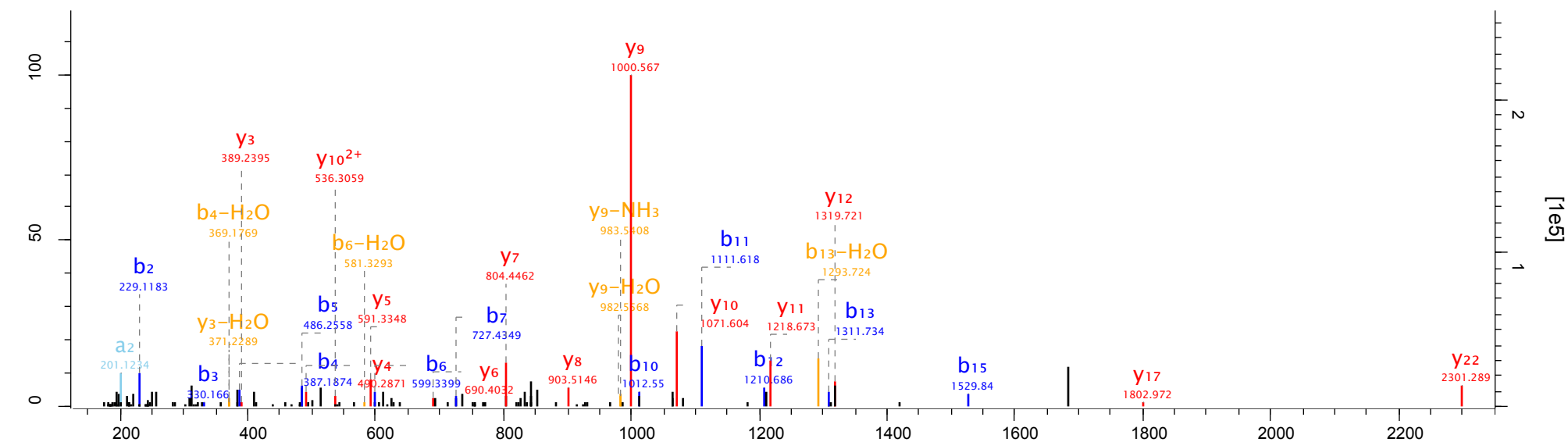


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	11690	FTMS; HCD	51.35	576.29	EPC2;EPC1

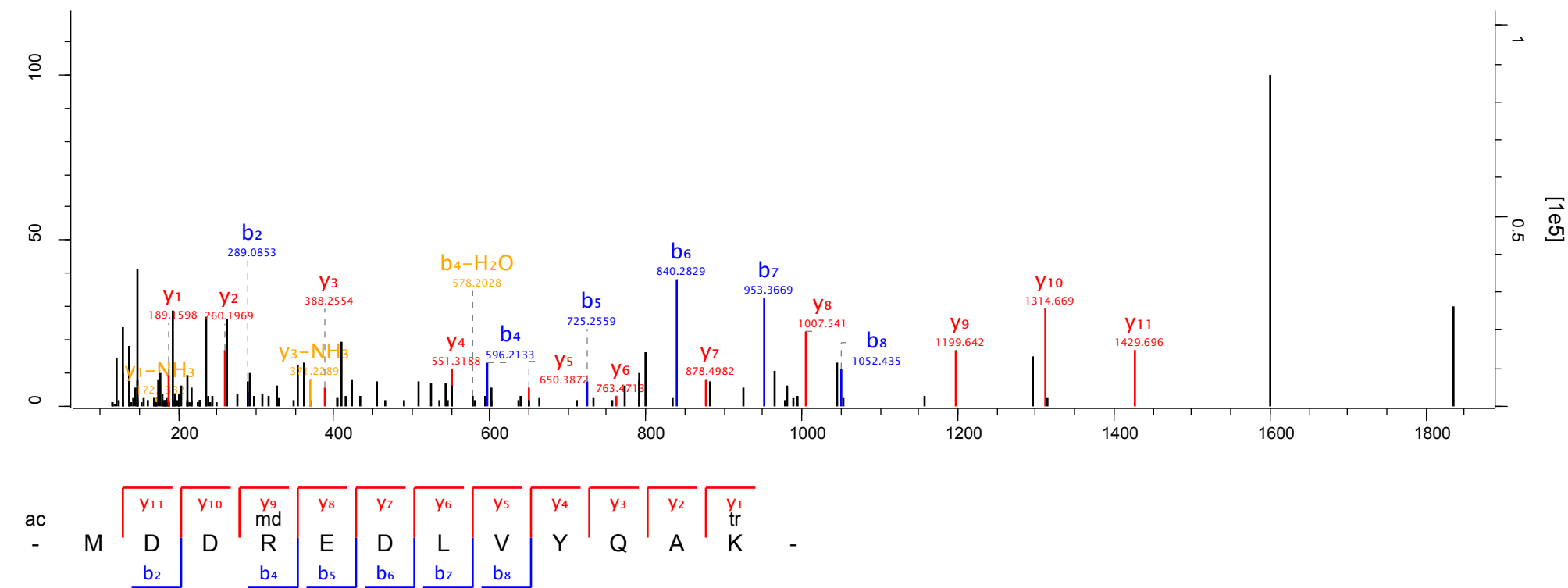


- md R T E me K ox M y_3 Q y_2 T y_1 md R -

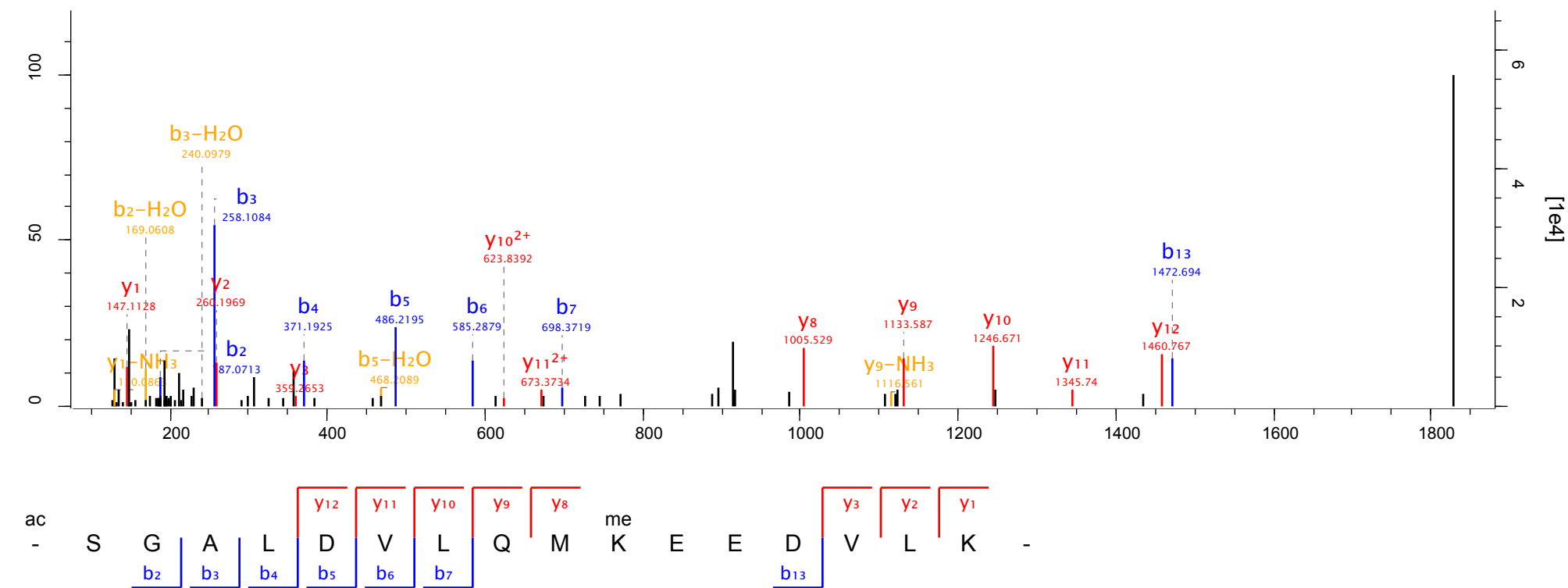
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	13294	FTMS; HCD	106.93	844.14	EEF1A1;EEF1A1P5



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	13656	FTMS; HCD	69.92	801.88	YWHAE



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_300mM	14046	FTMS; HCD	86.5	915.98	RPSA;RPSAP58



Zhibin_20150831_MDAOPA_SCX_300mM

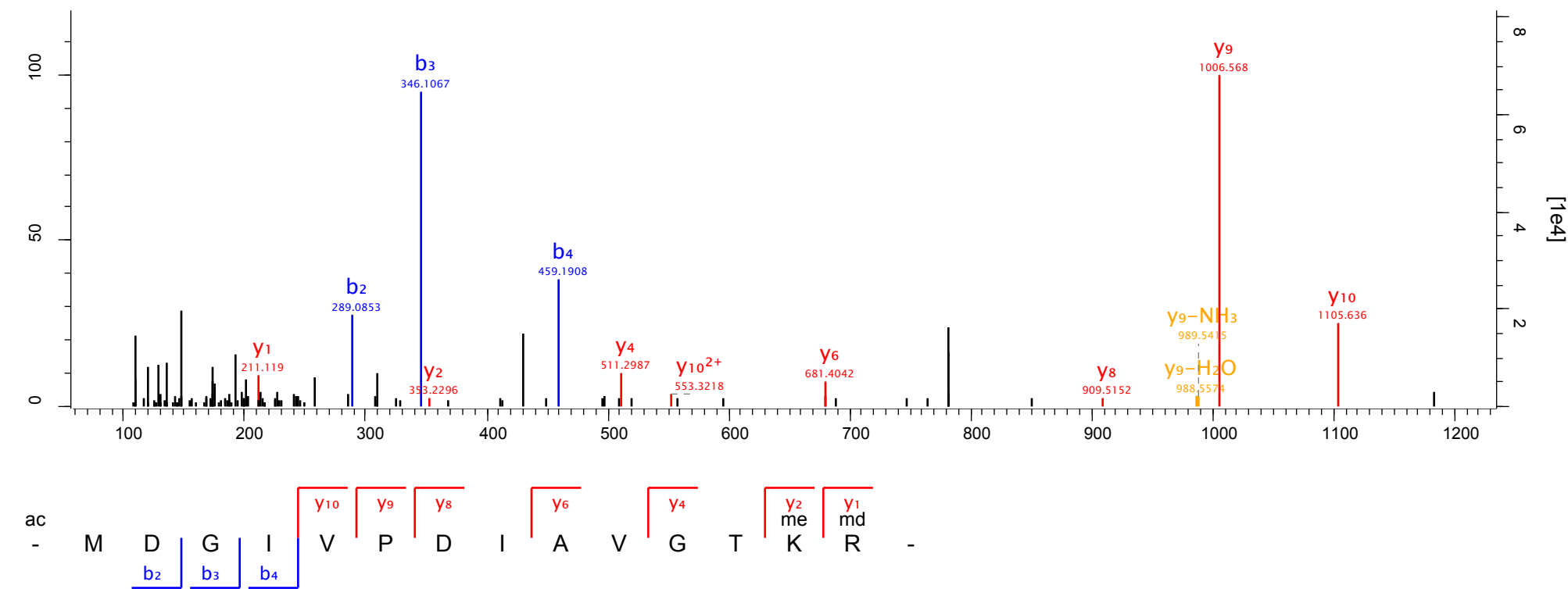
14122

FTMS; HCD

56.57

782.92

PTBP1



Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan

3004

Method

FTMS; HCD

Score

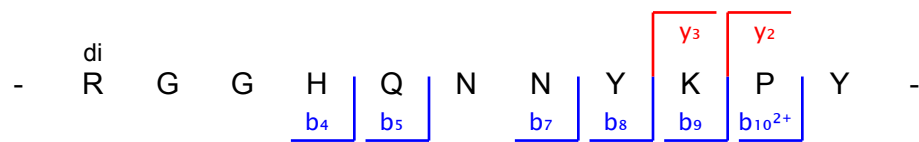
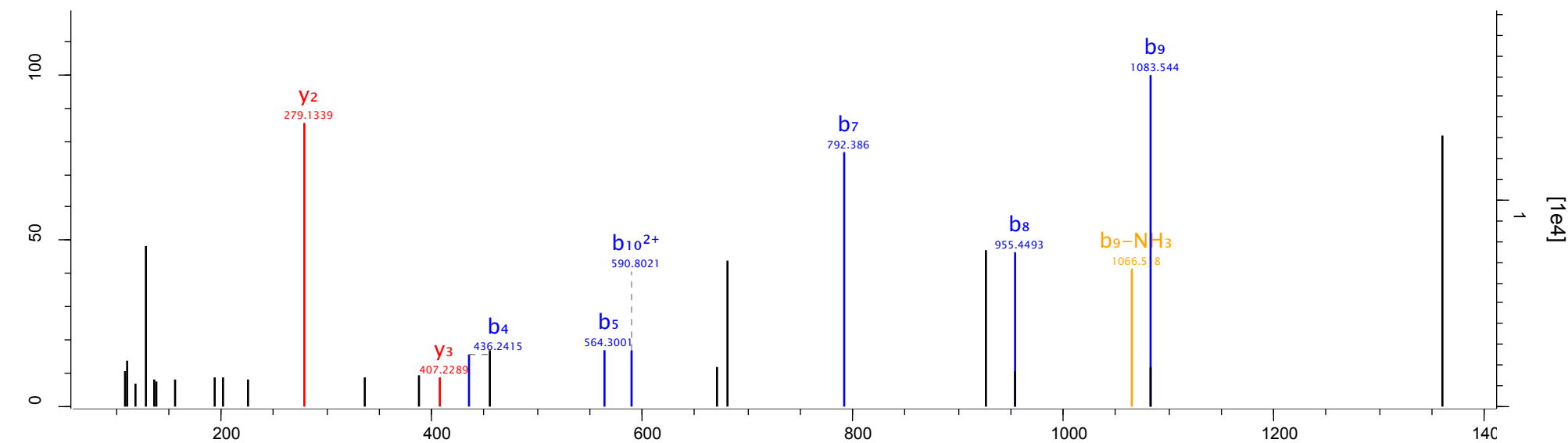
50.35

m/z

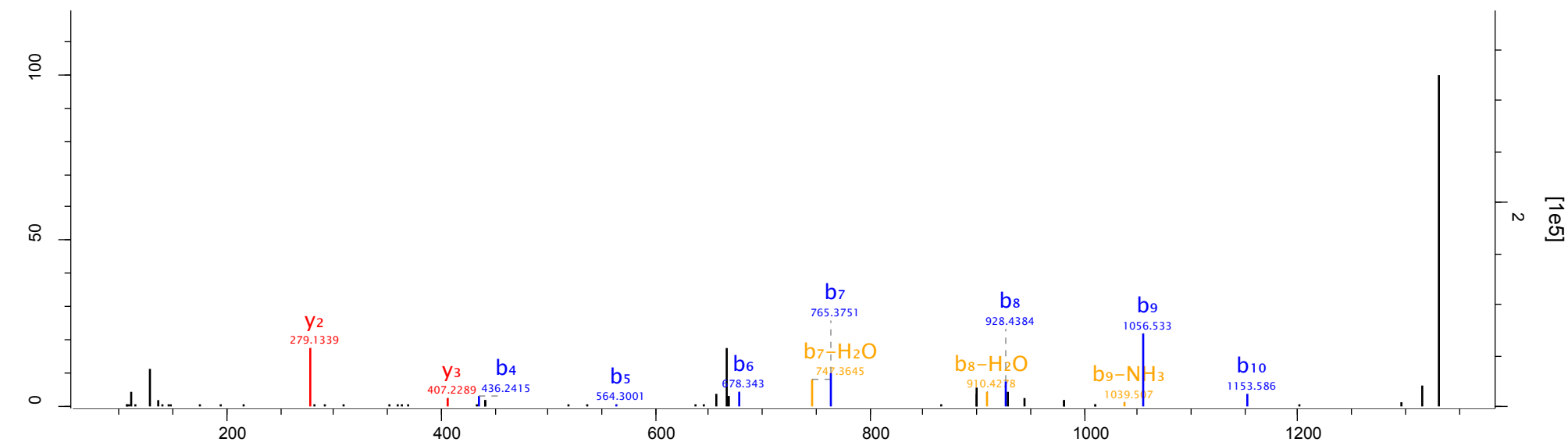
681.84

Gene names

HNRNPAB

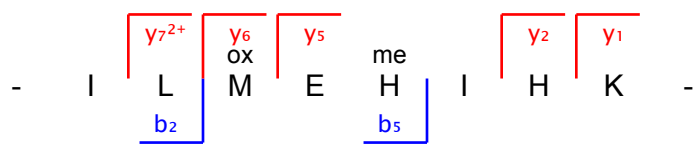
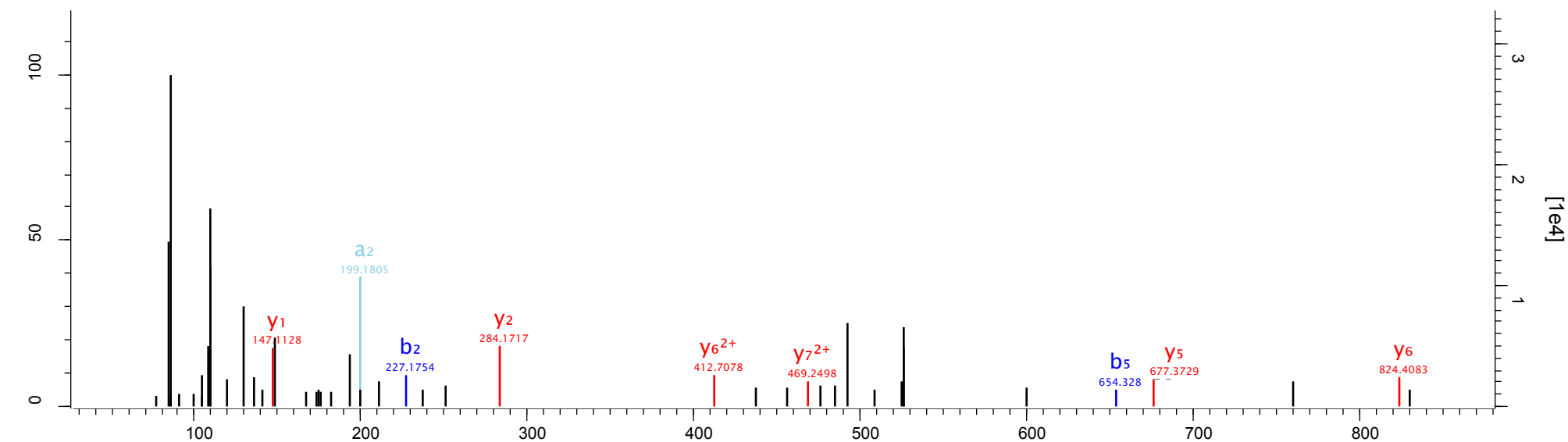


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	3047	FTMS; HCD	72.2	667.83	HNRNPD



- di
 R G G H Q N S Y K P Y -
 b₄ b₅ b₆ b₇ b₈ b₉ b₁₀
 y₃ y₂

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	3711	FTMS; HCD	47.08	526.29	RPL19



Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan

4038

Method

FTMS; HCD

Score

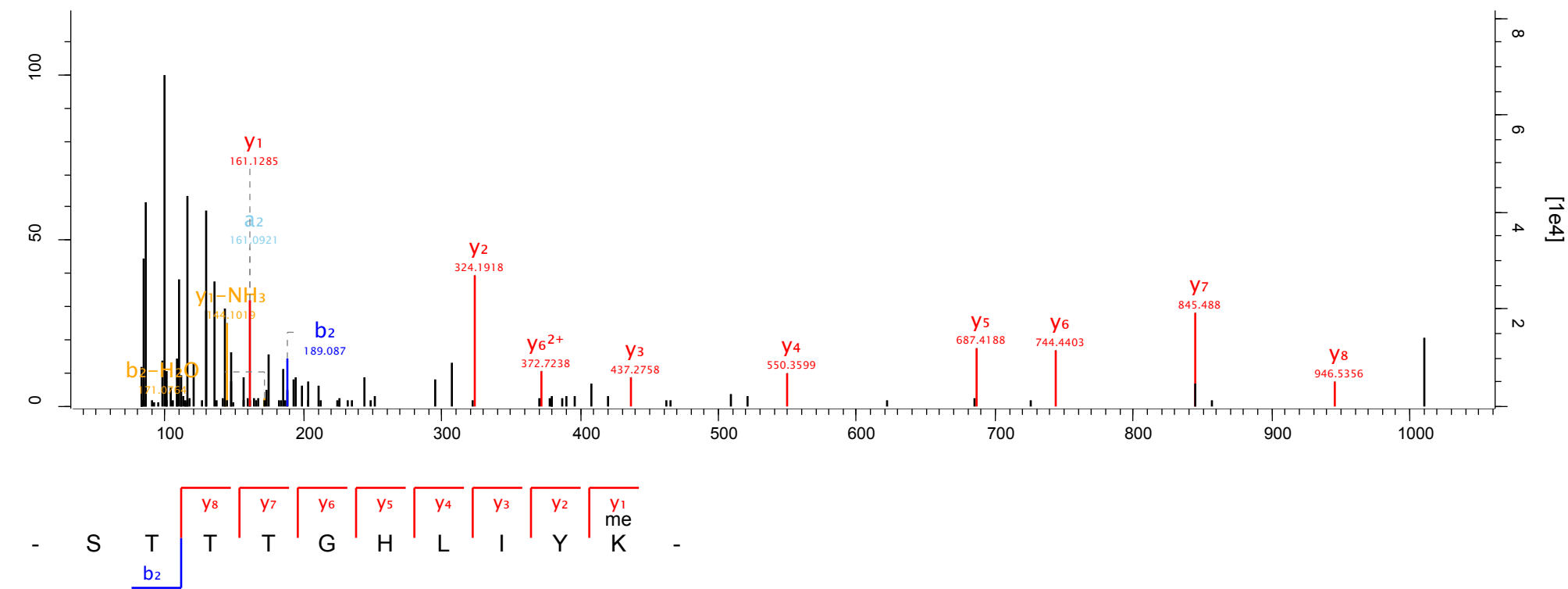
49.3

m/z

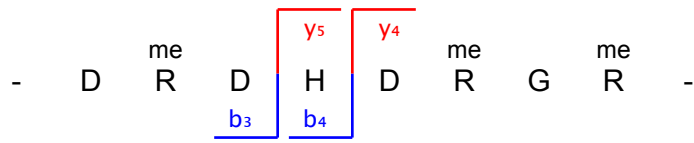
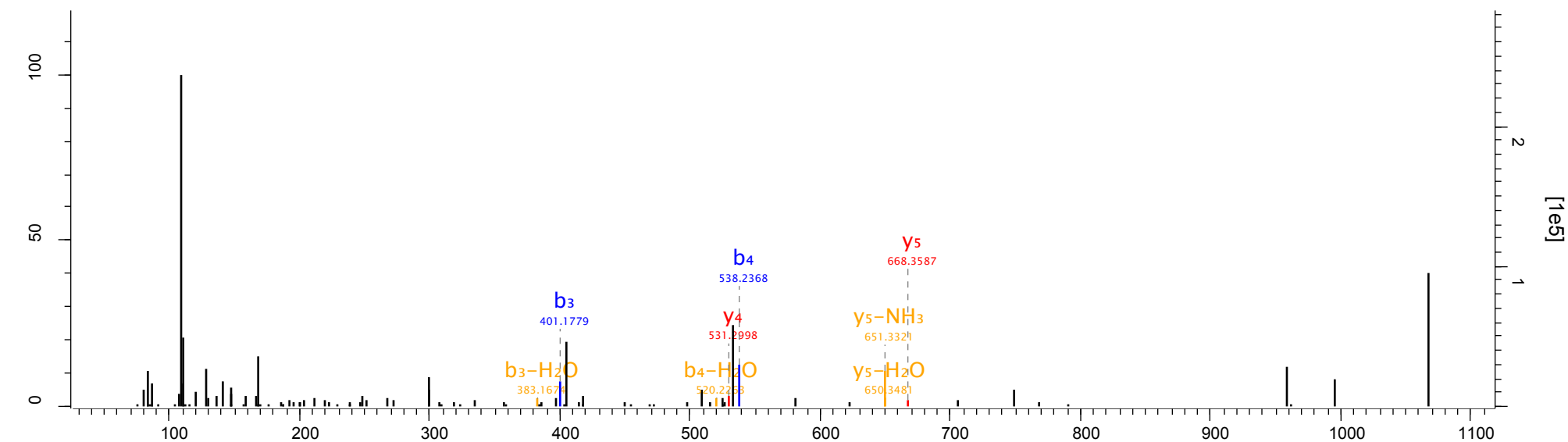
378.88

Gene names

EEF1A1;EEF1A1P5;EEF1A2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	4489	FTMS; HCD	52.72	534.77	SNRNP35



Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan

5145

Method

FTMS; HCD

Score

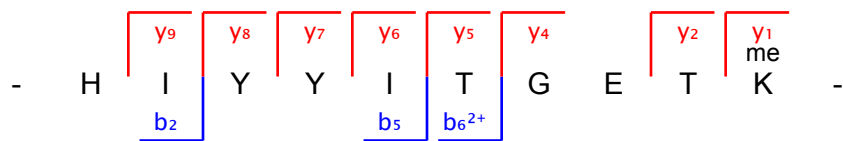
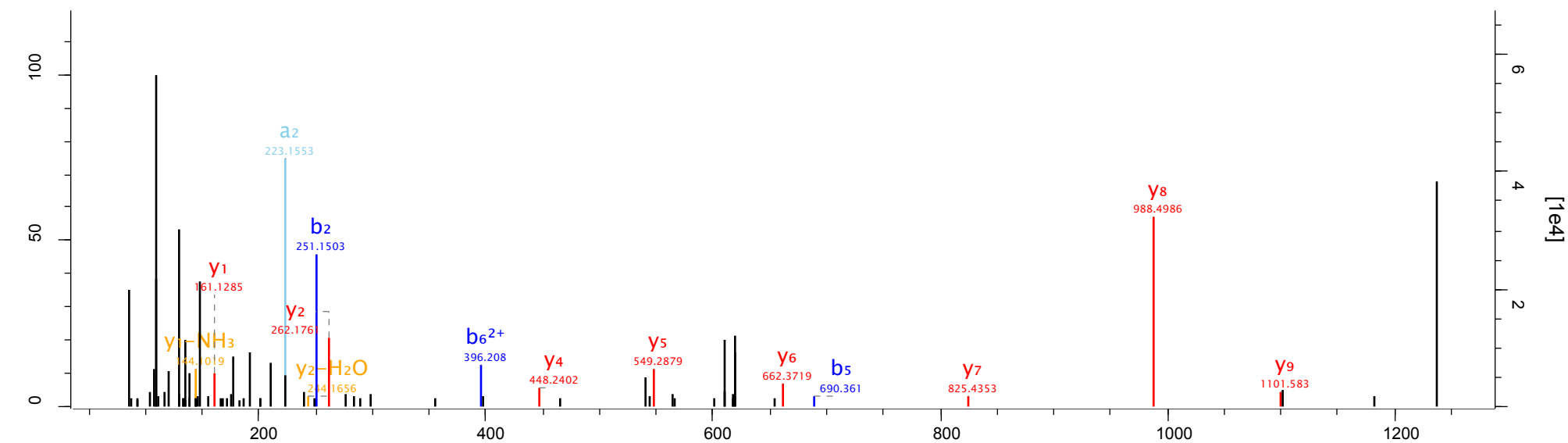
63.62

m/z

619.82

Gene names

HSP90AA1;HSP90AA5P



Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan

5283

Method

FTMS; HCD

Score

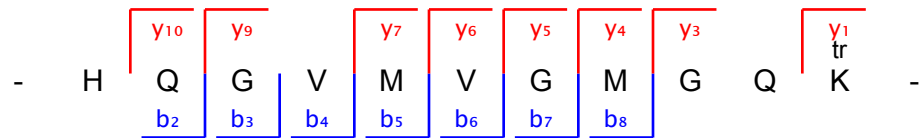
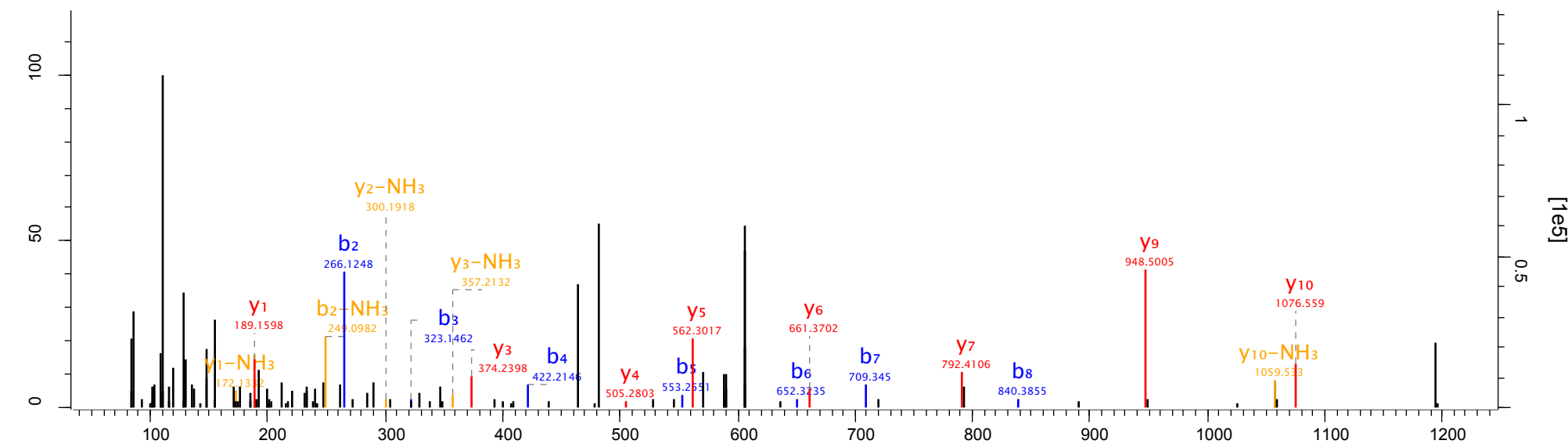
88.6

m/z

607.31

Gene names

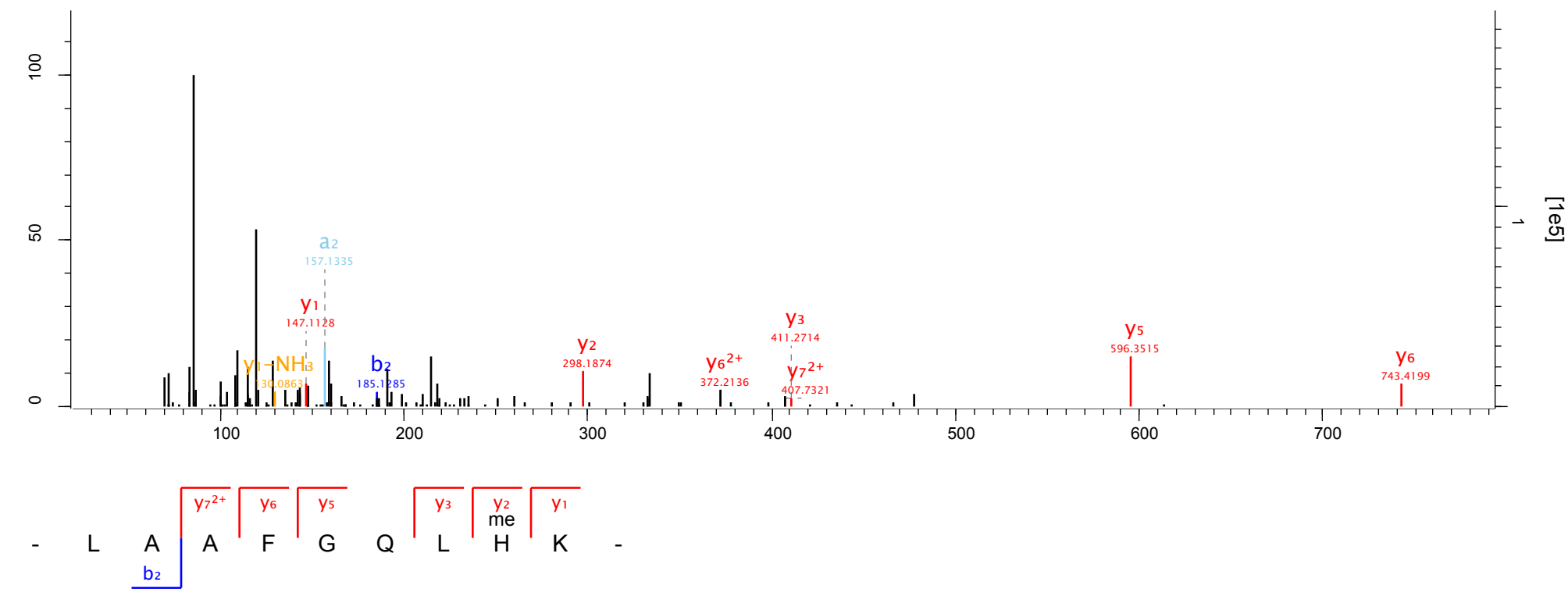
ACTB;ACTA1;ACTC1;ACTG2;ACTA2;ACTG1;ACTBL2



Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan 5324 Method FTMS; HCD Score 44.35 m/z 333.53 Gene names ILF3

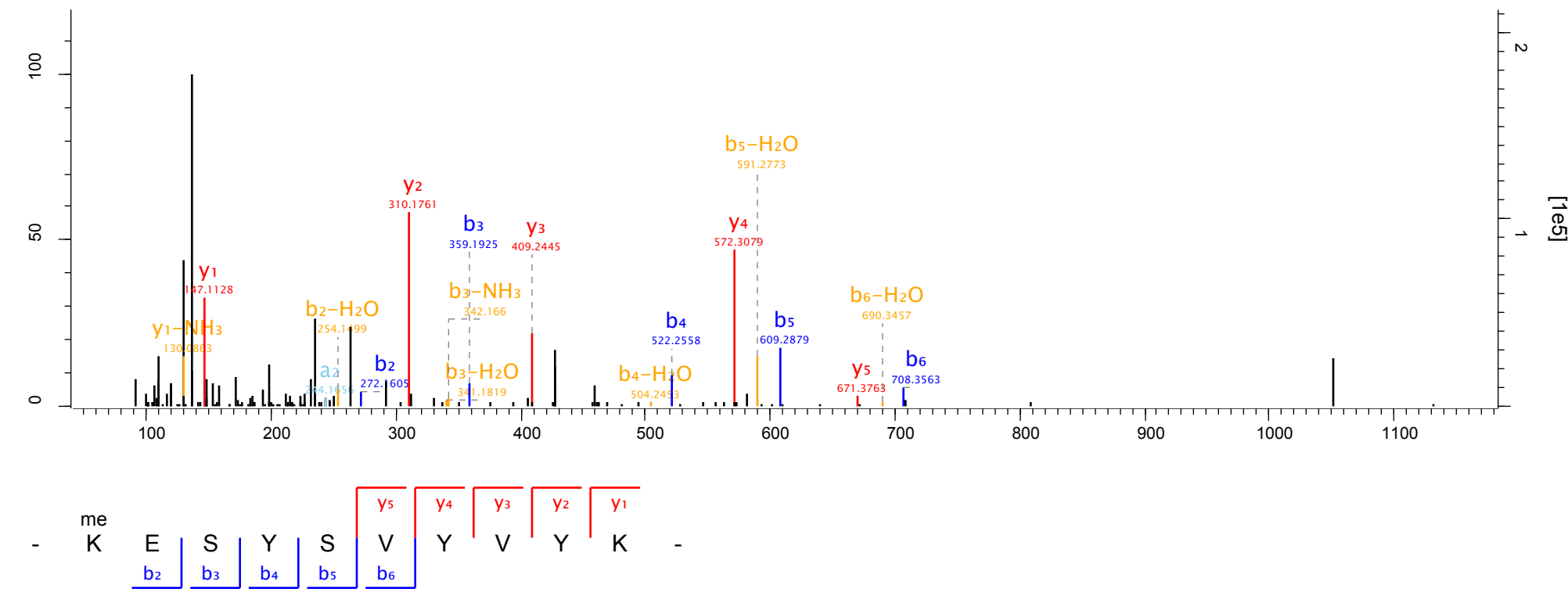


Raw file

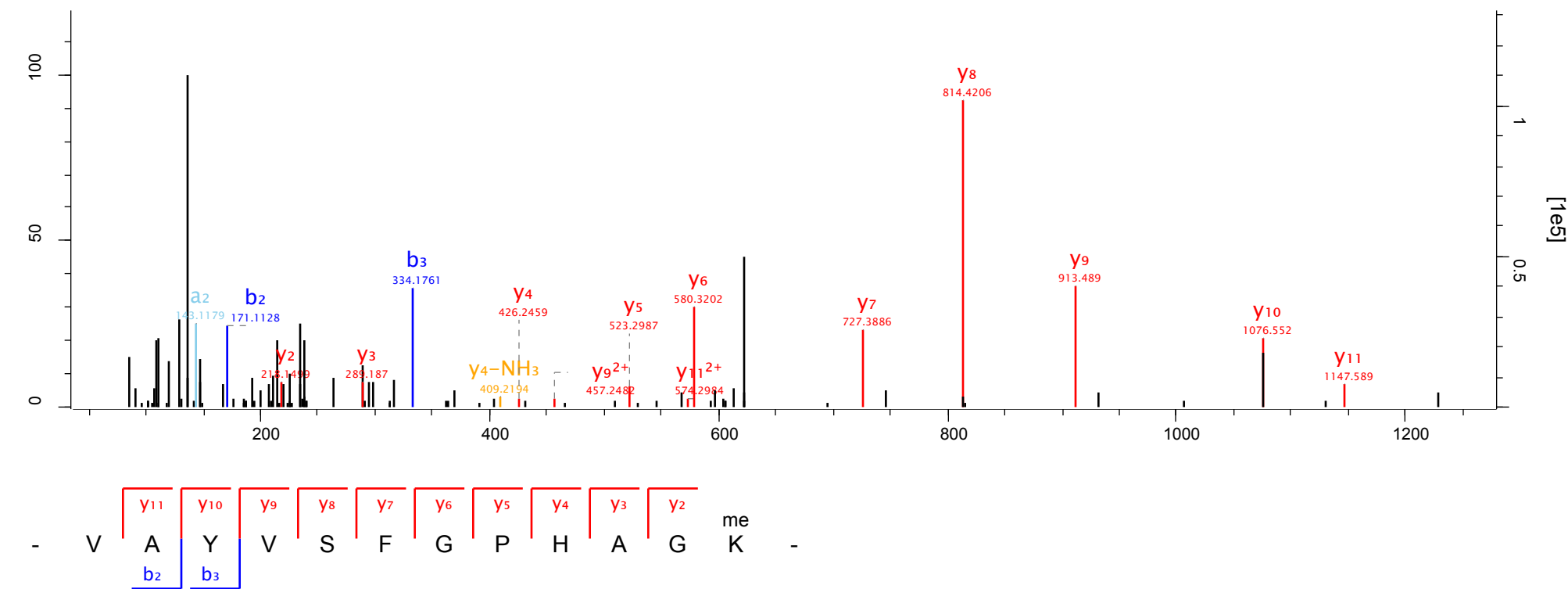
Scan Method Score m/z Gene names

Zhibin_20150831_MDAOPA_SCX_400mM

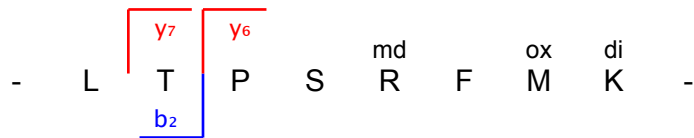
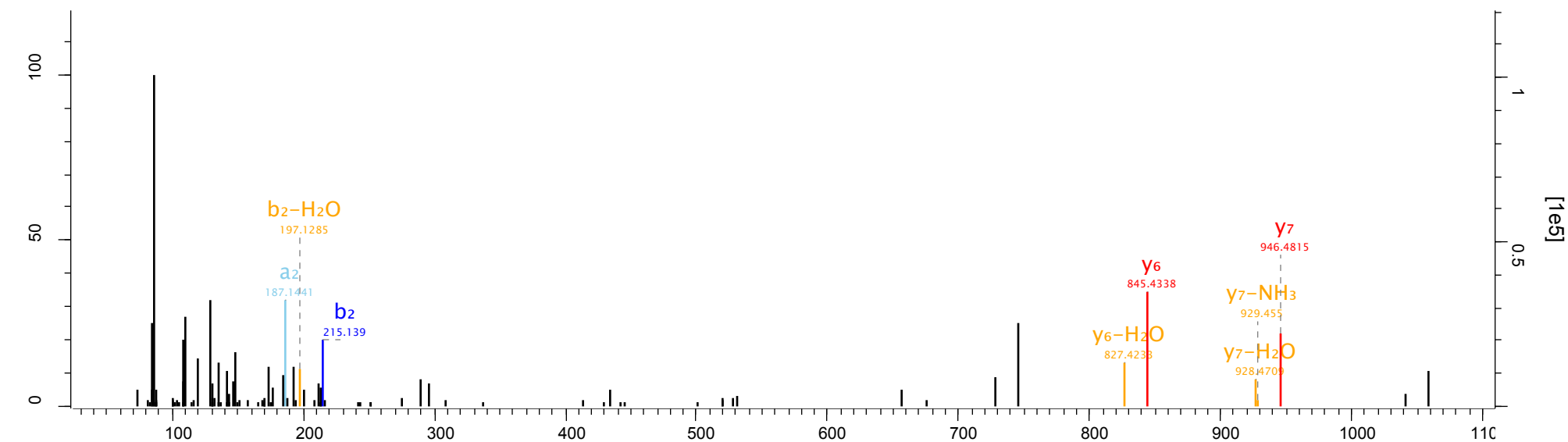
5459 FTMS; HCD 82.83 427.22 HIST1H2BN;HIST1H2BM;HIST1H2BH;HIST2H2BF;HIST1H2BC;HIST1H2BD;HIST1H2BL;H2BFS



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	5488	FTMS; HCD	84.48	623.83	RPL14



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	5727	FTMS; HCD	57.28	530.29	RICTOR



Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan

6113

Method

FTMS; HCD

Score

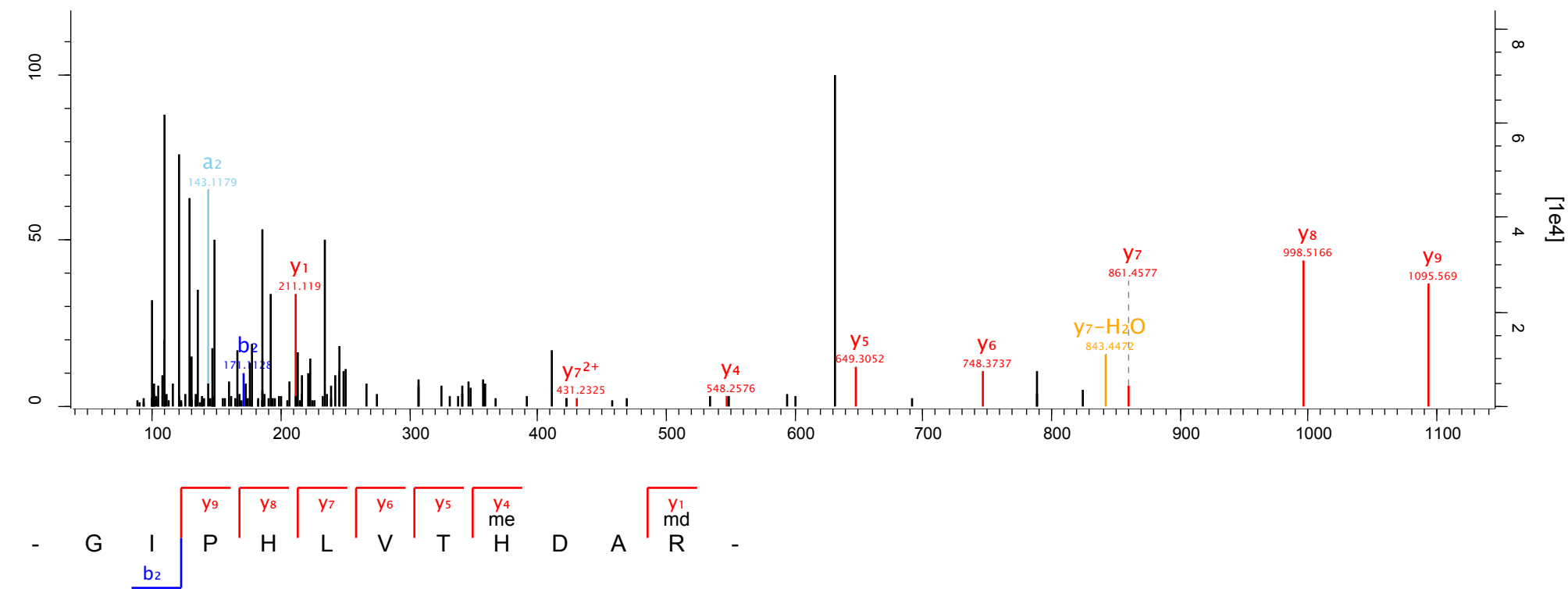
43.68

m/z

422.56

Gene names

RPS4X;RPS4Y1;RPS4Y2



Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan

6116

Method

FTMS; HCD

Score

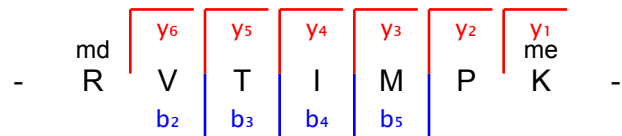
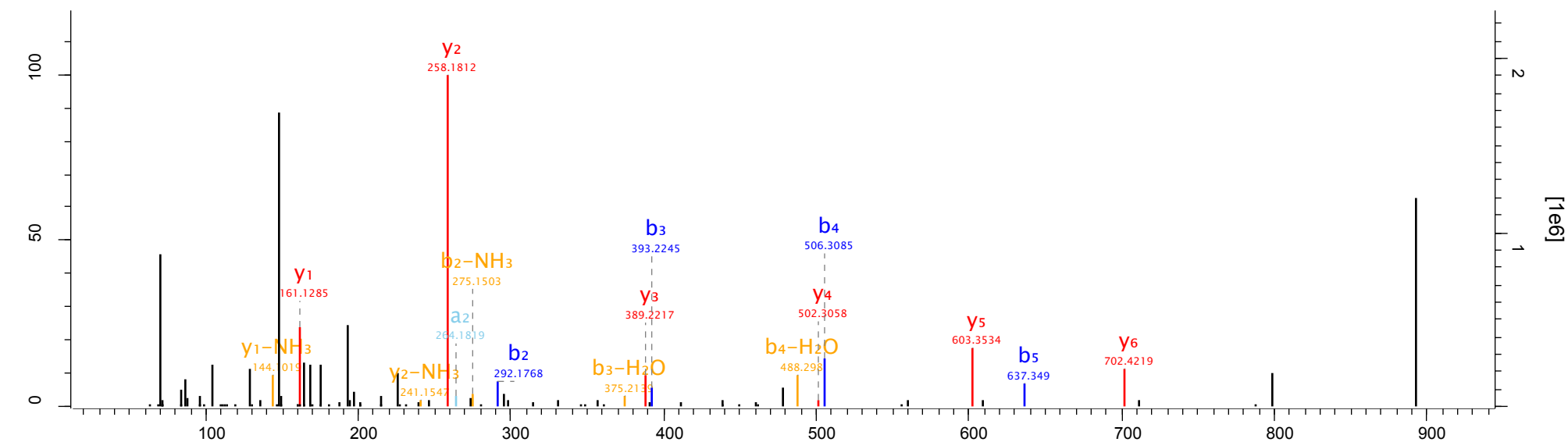
98.46

m/z

447.52

Gene names

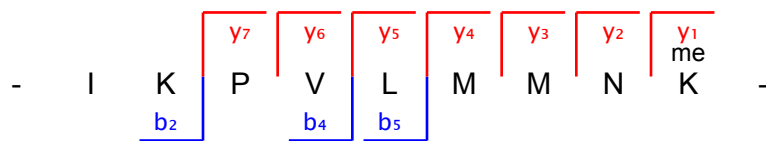
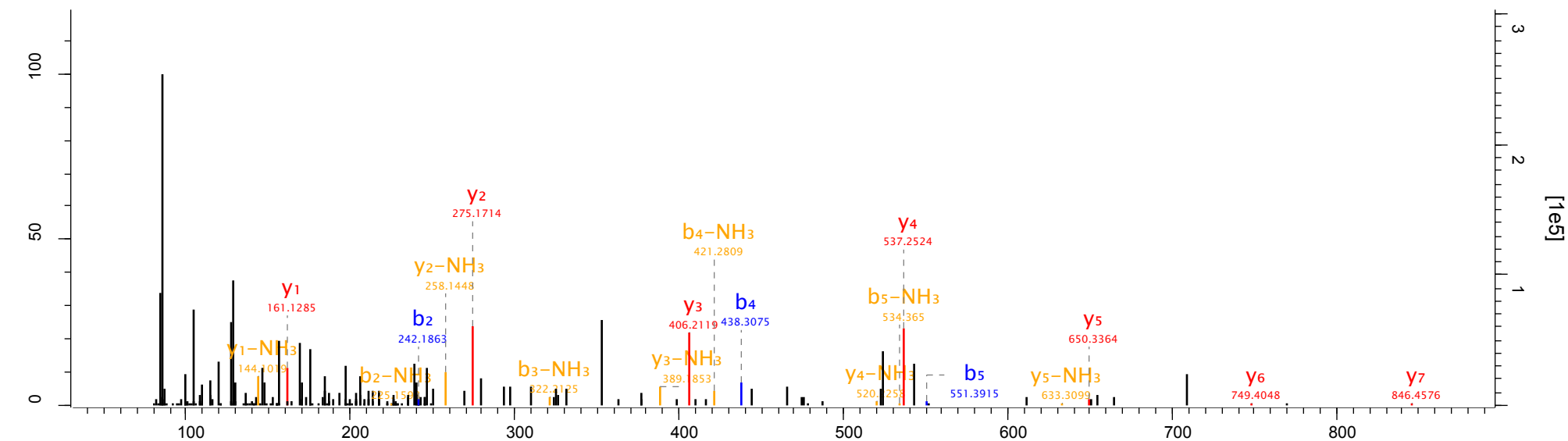
HIST2H3PS2;HIST2H3A;HIST3H3;HIST1H3A;H3F3B;H3F3A;H3F3C



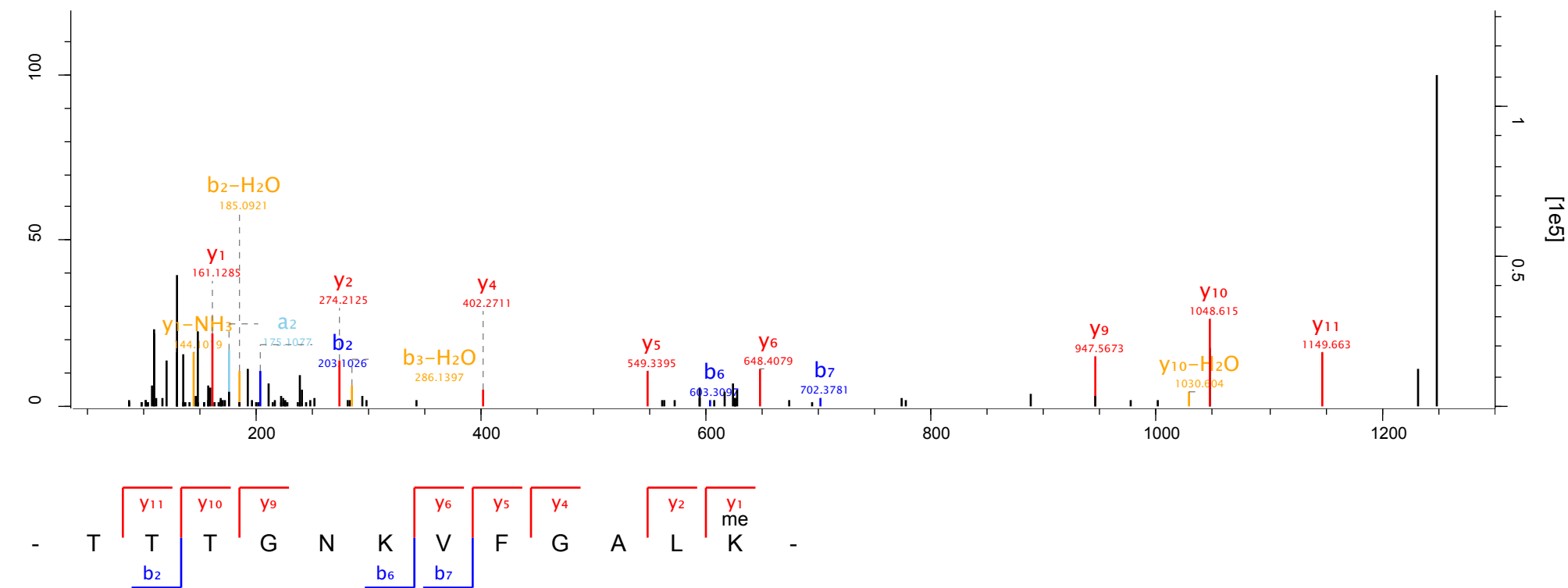
Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan	Method	Score	m/z	Gene names
6333	FTMS; HCD	69.72	363.22	EEF2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	6500	FTMS; HCD	46.88	625.86	RPL5



Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan

6512

Method

FTMS; HCD

Score

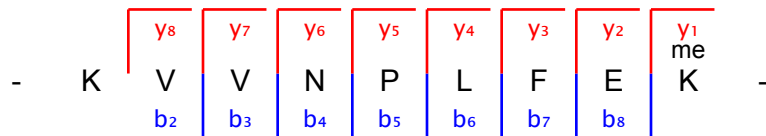
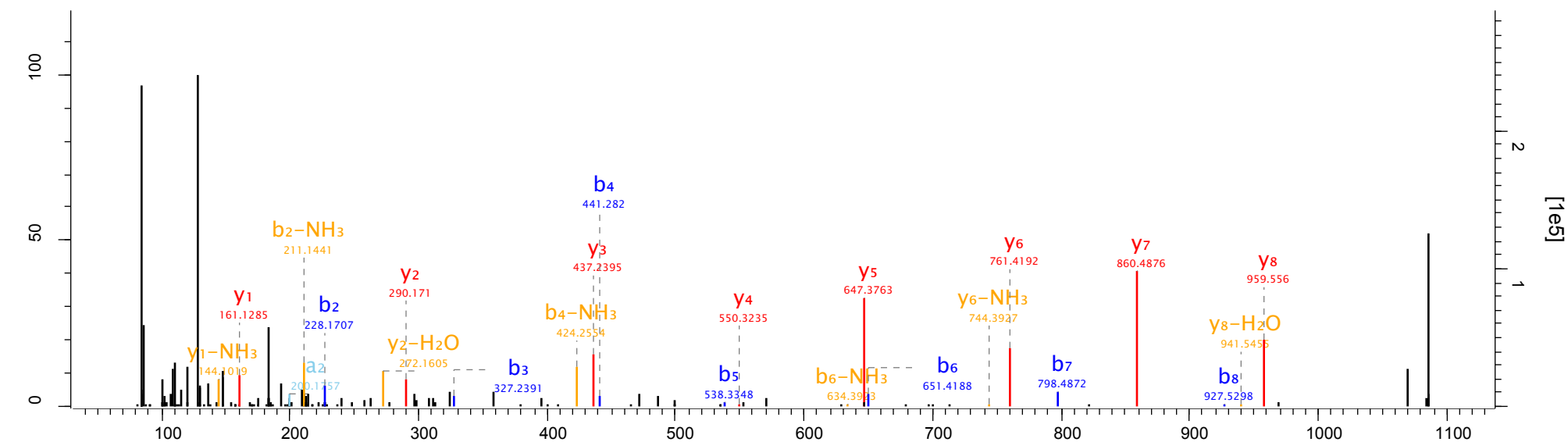
114.89

m/z

544.33

Gene names

RPL7A



Zhibin_20150831_MDAOPA_SCX_400mM

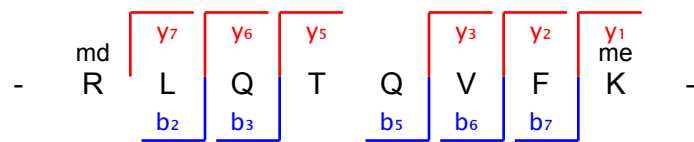
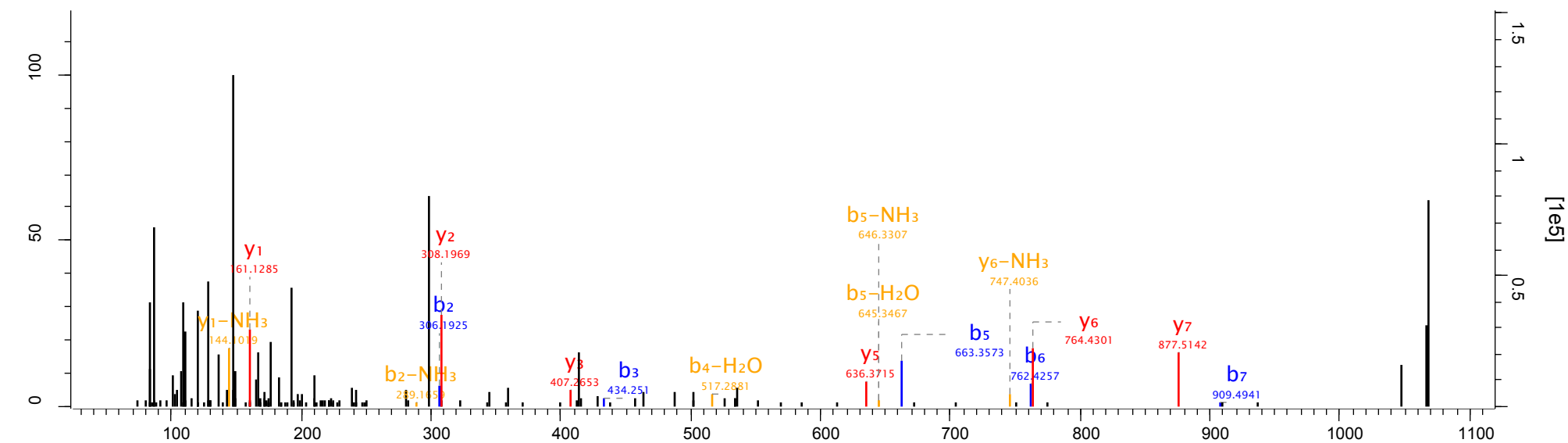
6515

FTMS; HCD

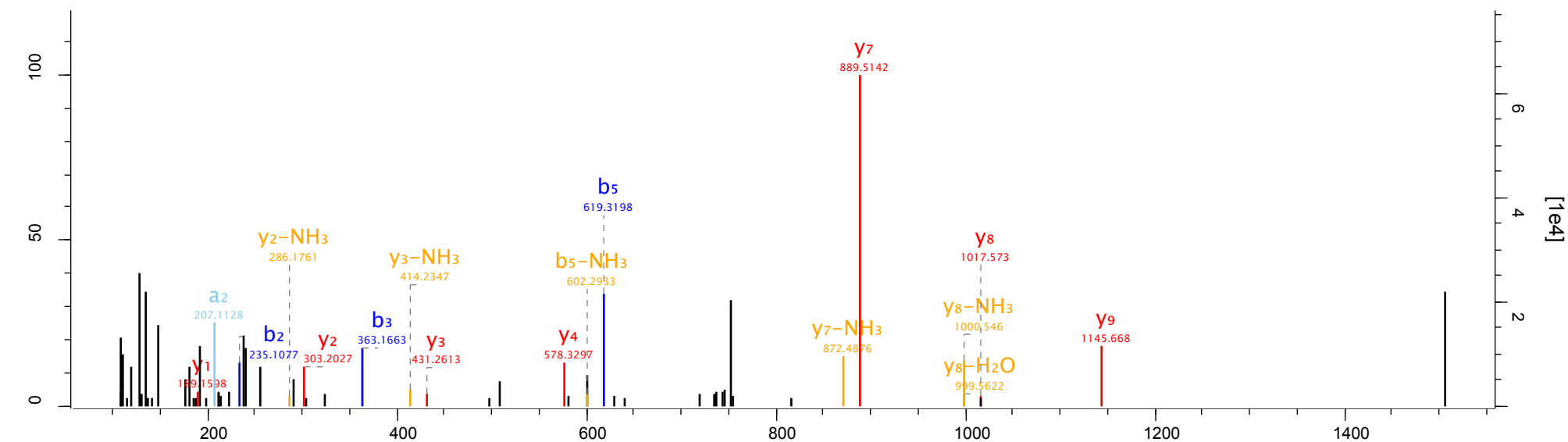
82.29

535.31

RPS9



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	6585	FTMS; HCD	87.18	754.92	RPS11



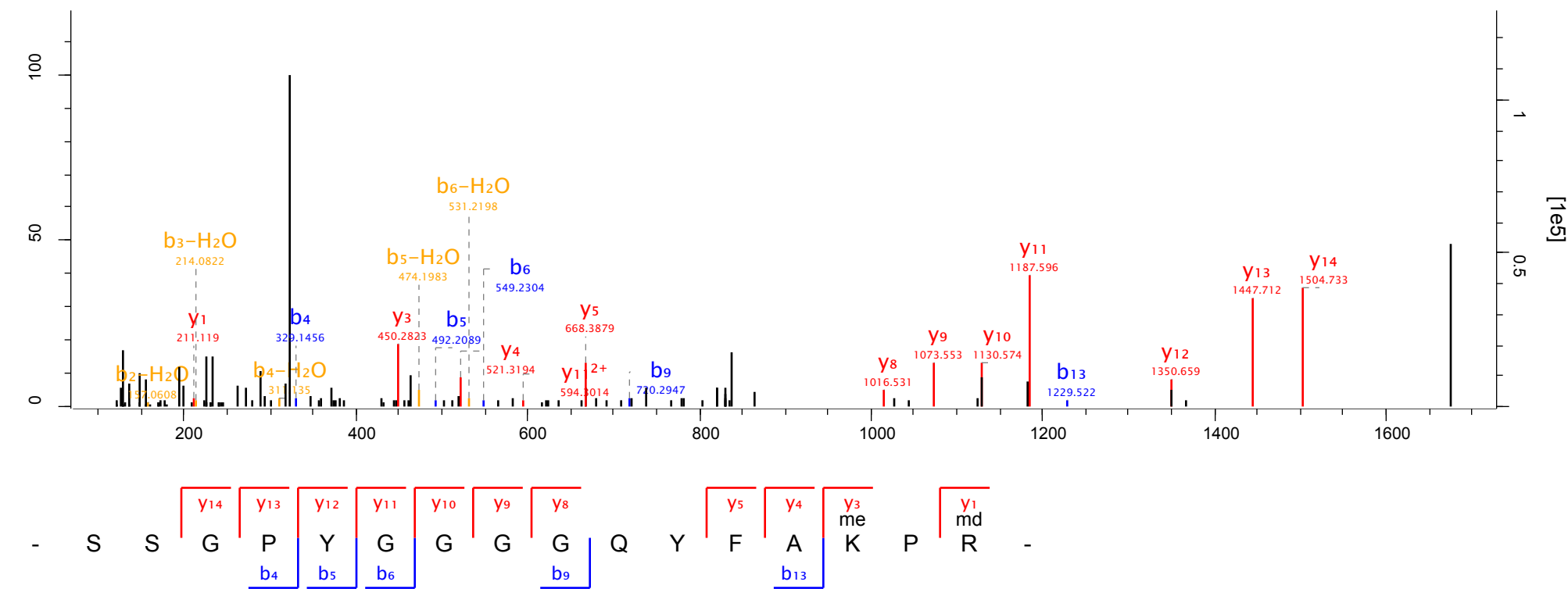
- A Y Q K Q P T I F Q N K -

Peptide sequence: A Y Q K Q P T I F Q N K

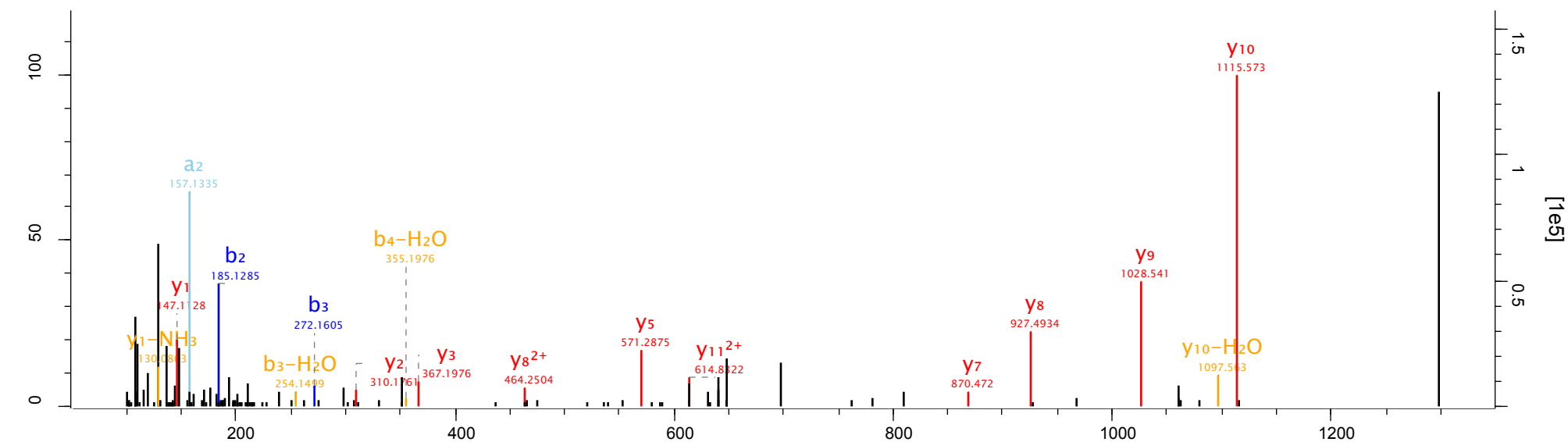
Fragmentation sites (b-ions): b2 (Y-Q), b3 (Q-K), b5 (Q-P)

Fragmentation sites (y-ions): y9 (K), y8 (Q), y7 (P), y4 (F), y3 (Q), y2 (N), y1 (K)

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	6813	FTMS; HCD	53.37	839.9	HNRNPA1



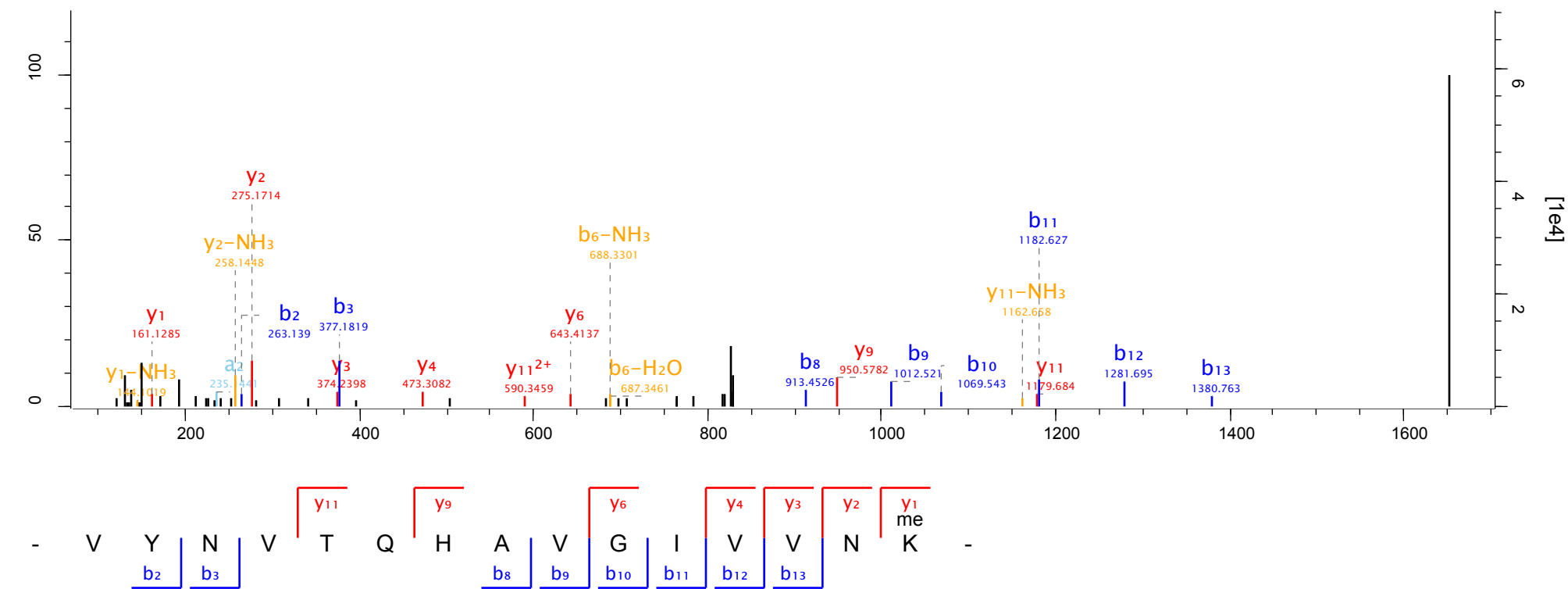
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	7092	FTMS; HCD	85.81	650.35	PPIA



- A L S T G E tr K G F G Y K -

Peptide sequence: LSTGEtrKGFGYK. The sequence is shown with various modifications and fragmentation labels. The 'tr' label is positioned between E and K. The 'y' and 'b' labels are positioned above and below the sequence, respectively, indicating the type of fragmentation. The 'y' labels are in red, and the 'b' labels are in blue.

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	7327	FTMS; HCD	100.11	827.97	RPL21



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_400mM

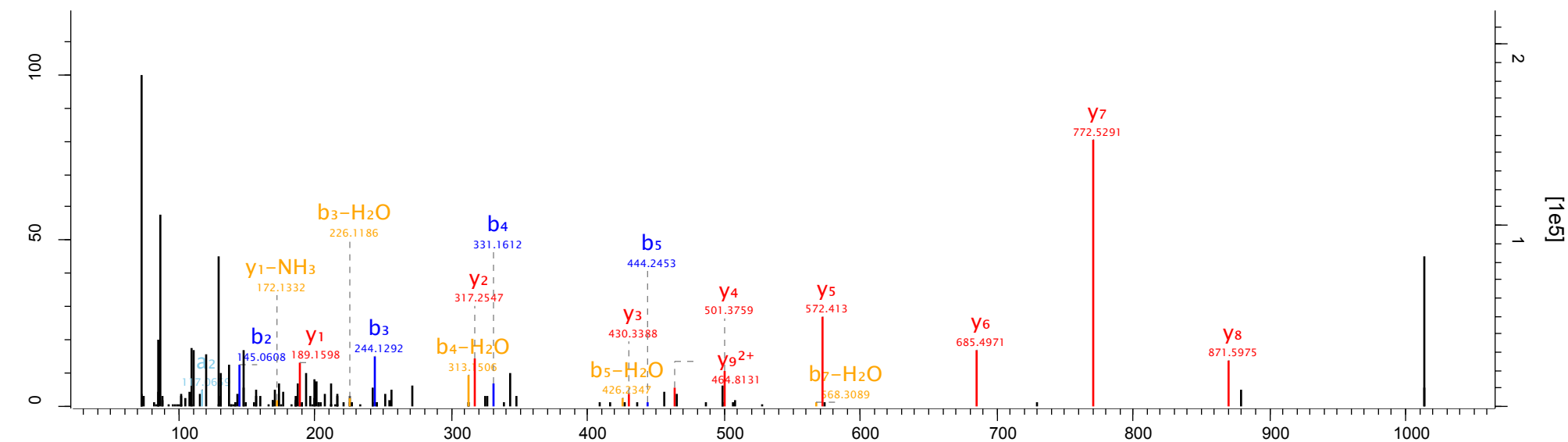
7368

FTMS; HCD

64.82

508.33

HIST1H1C;HIST1H1E;HIST1H1D

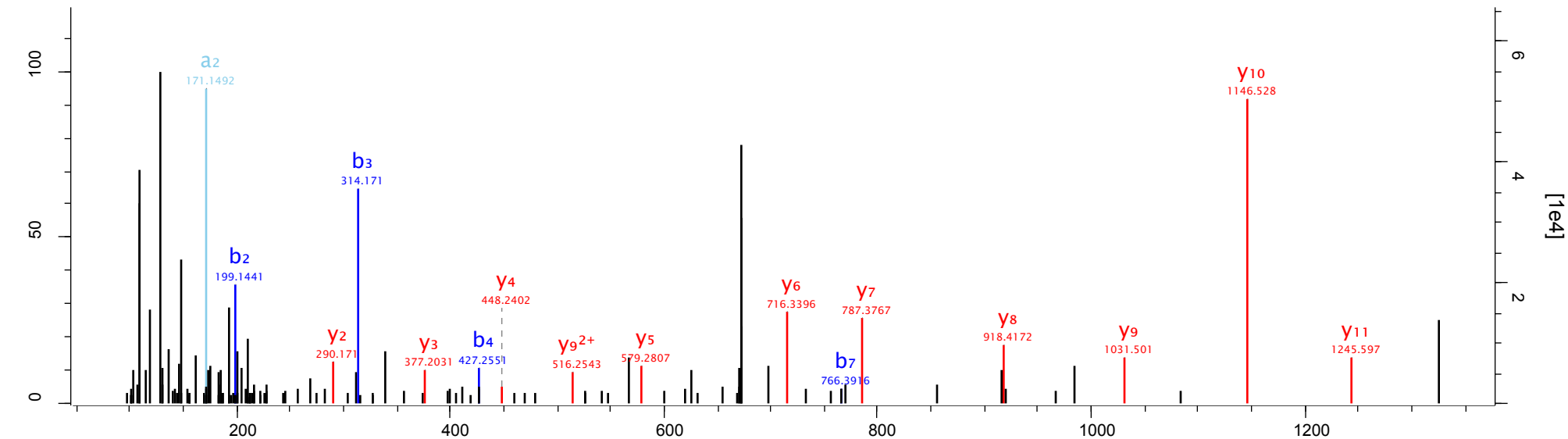


- S -

y9 2+	y8	y7	y6	y5	y4	y3	y2	y1
G	V	S	L	A	A	L	K	tr
b2	b3	b4	b5					

-

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	7594	FTMS; HCD	83.2	672.84	GAPDH



Sequence: V V D L M A H M A S K E -

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

- b2: V V
- b3: V D
- b4: D L
- b7: H M
- y2_{me}: K
- y3: S
- y4: A
- y5: M
- y6: H
- y7: A
- y8: M
- y9: L
- y10: D
- y11: V

Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_400mM

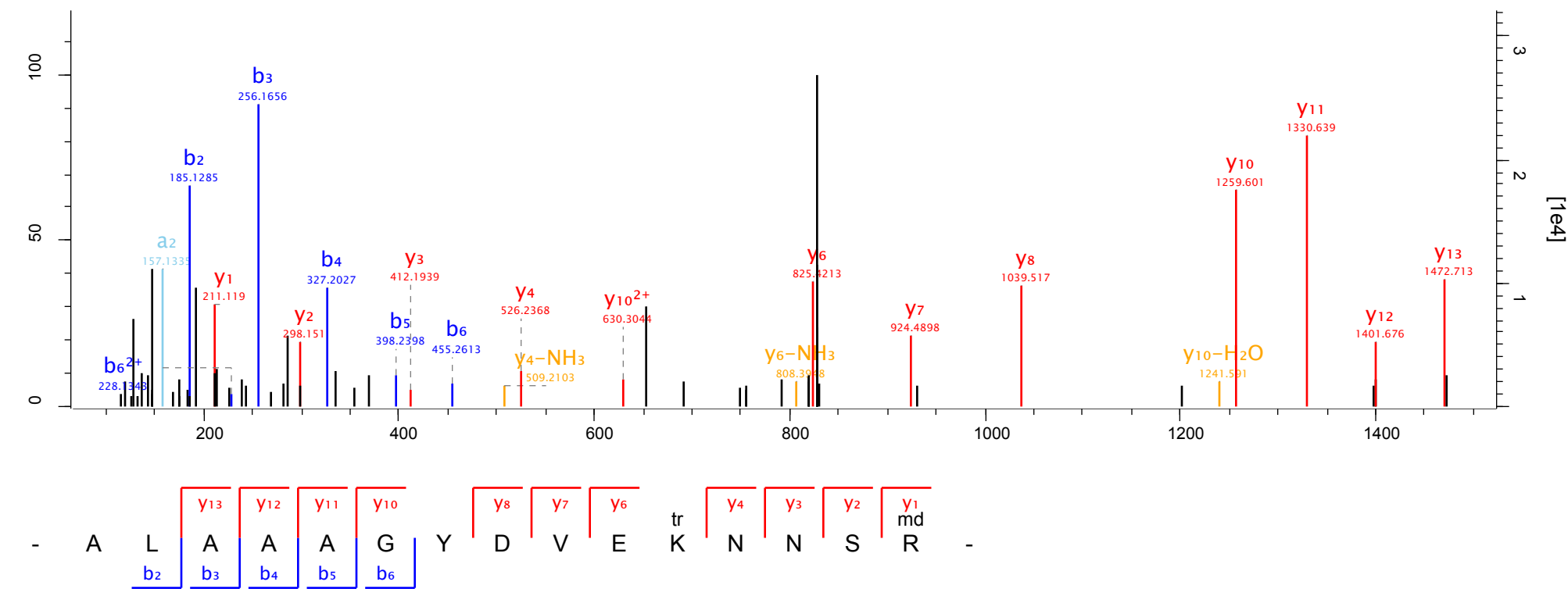
7596

FTMS; HCD

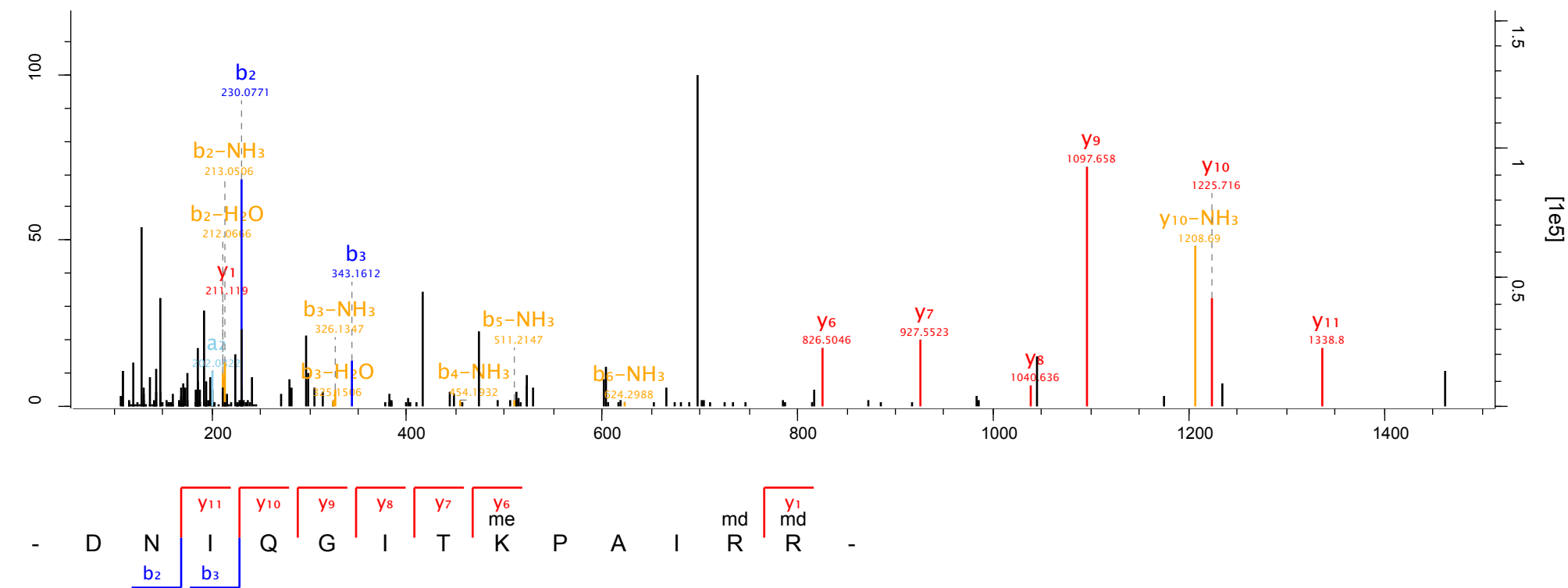
93.48

828.92

HIST1H1C;HIST1H1A;HIST1H1T;HIST1H1E;HIST1H1D



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	7664	FTMS; HCD	48.28	523.3	HIST1H4A



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_400mM

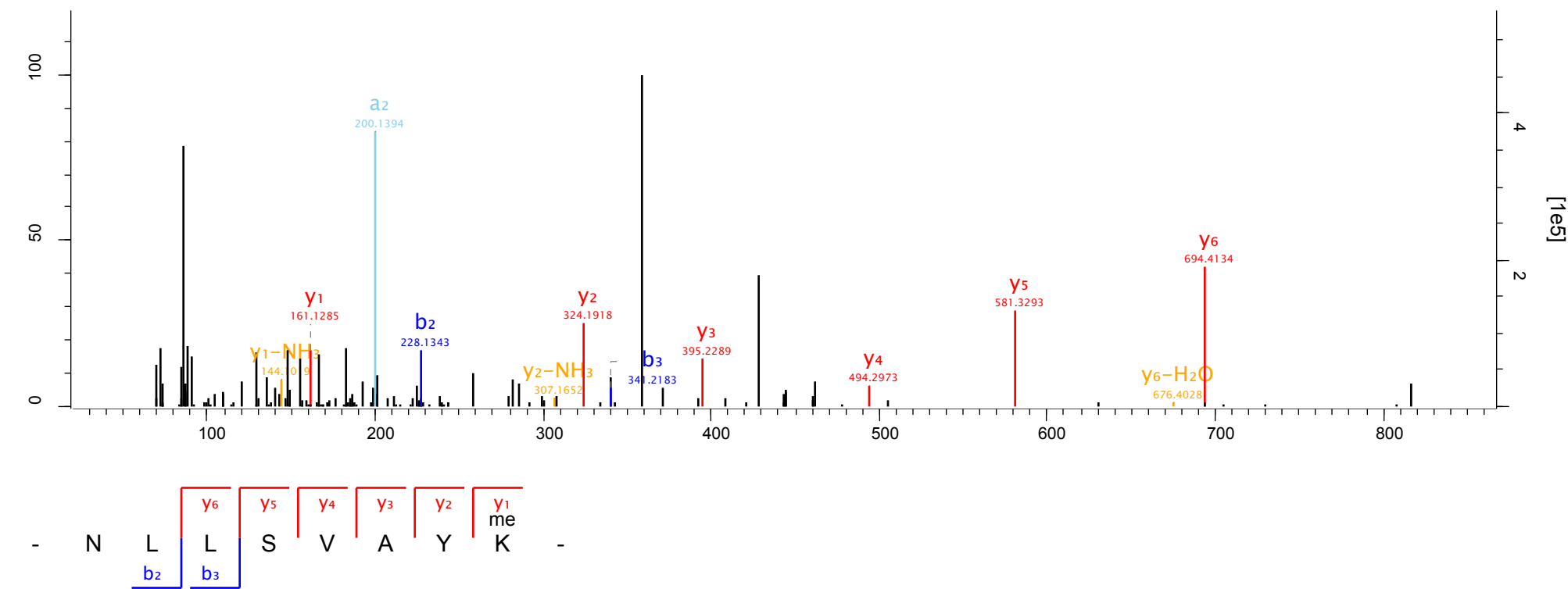
8600

FTMS; HCD

60.44

461.27

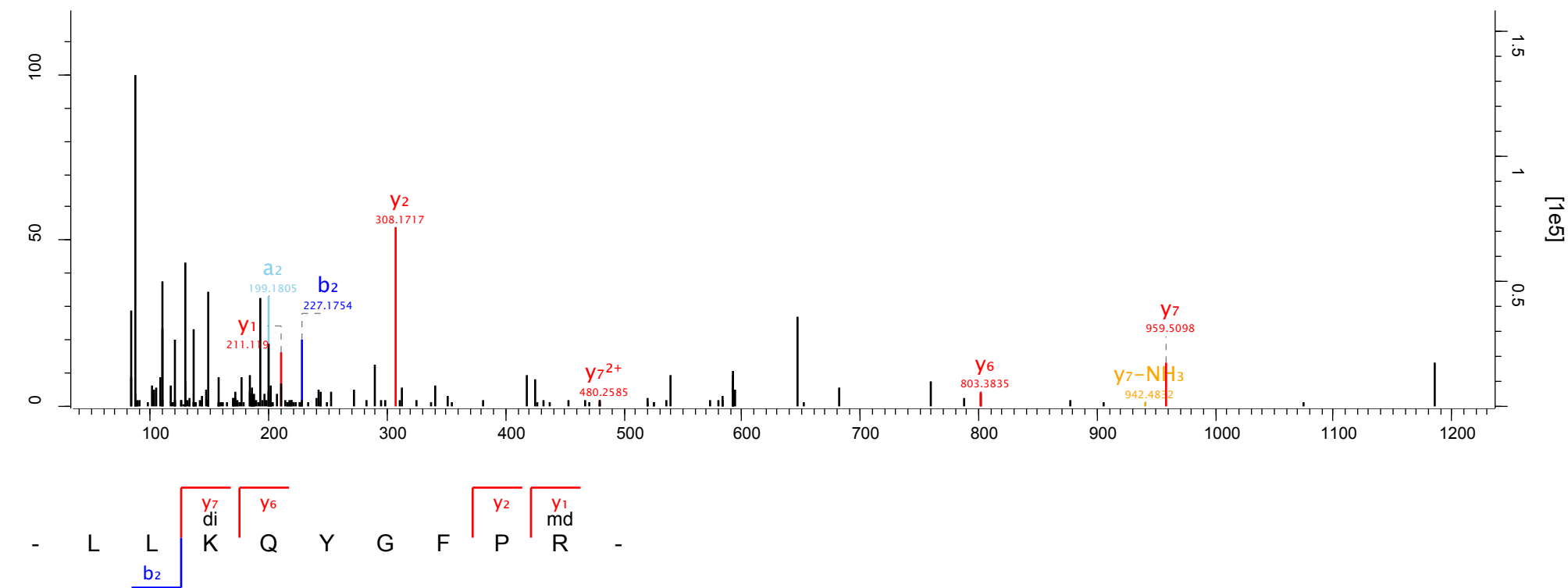
YWHAZ;SFN;YWHAЕ;YWHAB;YWHAH;YWHAG;YWHAQ



Raw file

Scan	Method	Score	m/z	Gene names
8956	FTMS; HCD	45.68	593.37	CAMKK1

Zhibin_20150831_MDAOPA_SCX_400mM



Zhibin_20150831_MDAOPA_SCX_400mM

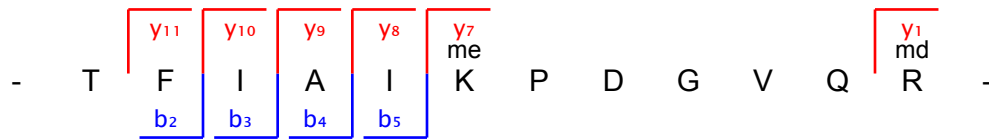
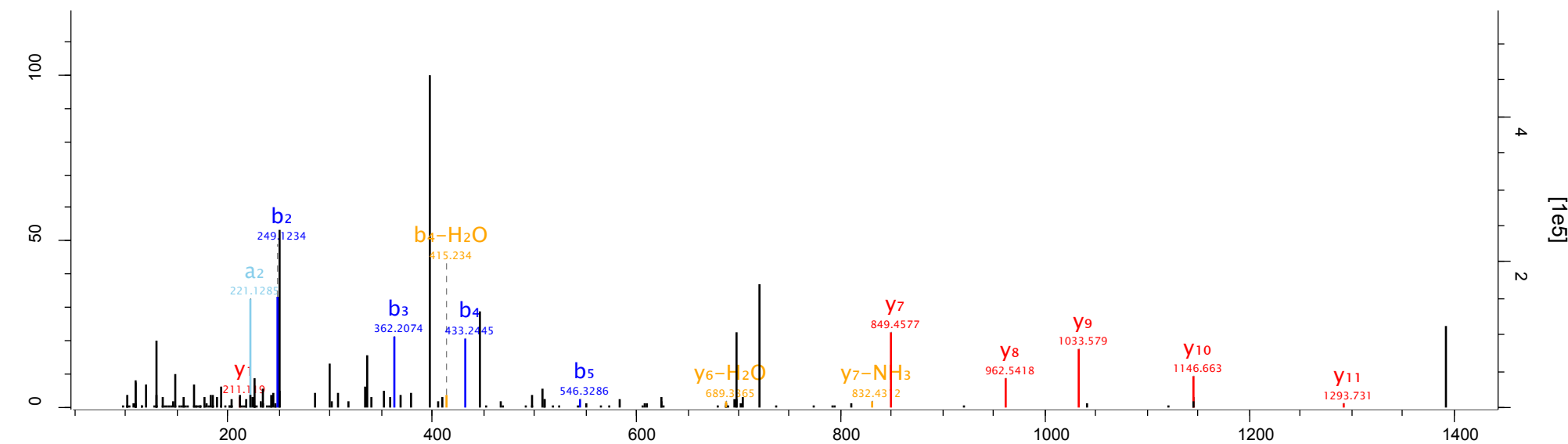
9079

FTMS; HCD

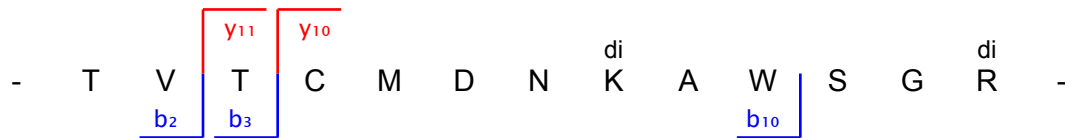
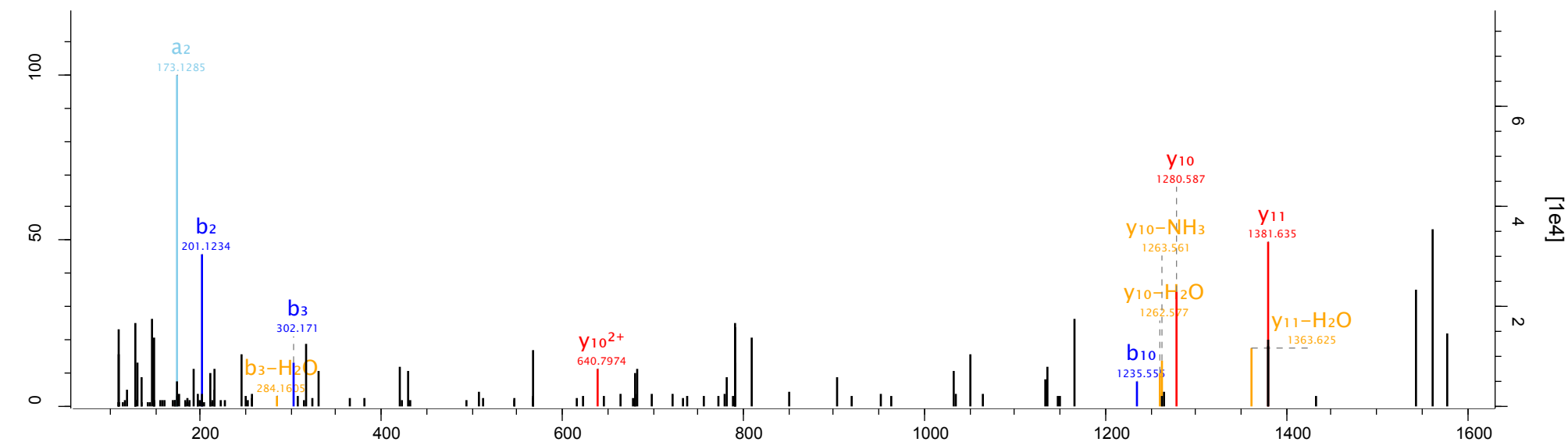
64.12

697.89

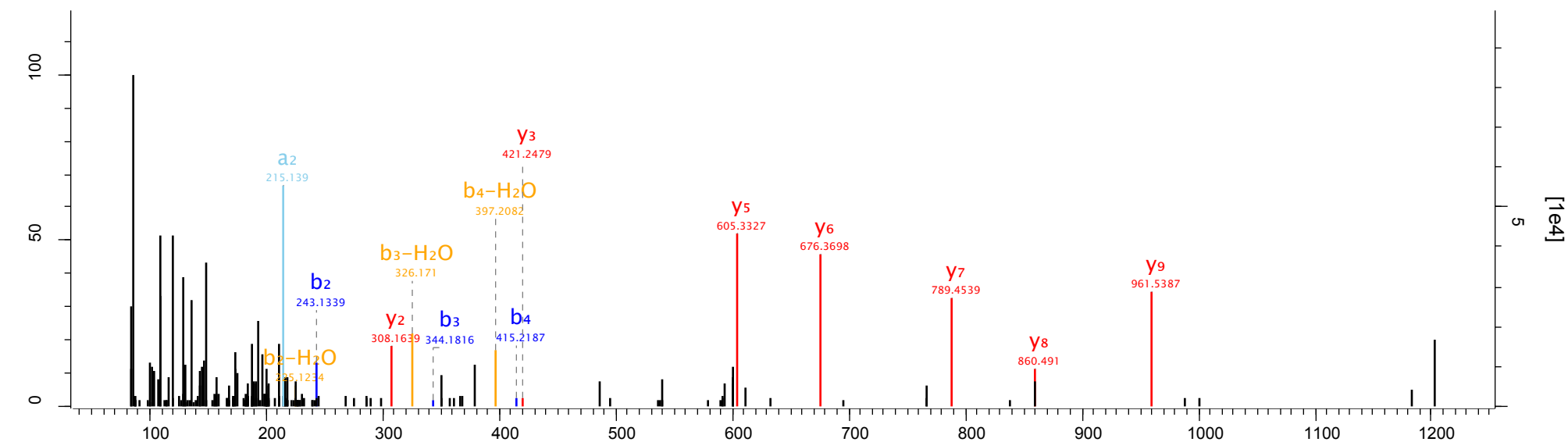
NME1-NME2;NME2;NME1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	9276	FTMS; HCD	49.45	791.38	SRPX



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOA_SCX_400mM	9383	FTMS; HCD	59.2	602.34	POTEKP



- E I T A L A P S I ox M K -

b₂ b₃ b₄ y₉ y₈ y₇ y₆ y₅ y₃ y₂

Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan

9434

Method

FTMS; HCD

Score

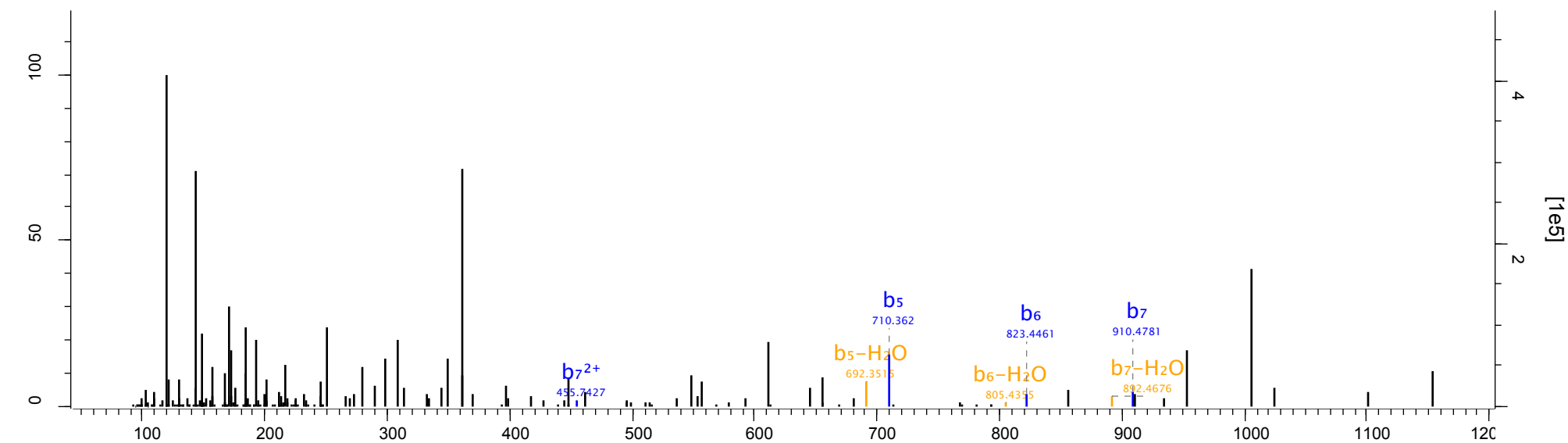
40.35

m/z

448.25

Gene names

ZNF518B



[1e5]

4

2

120

110

100

90

80

70

60

50

40

30

20

10

0

op

-

T

K

Q

V

H

L

S

me

R

op

K

-

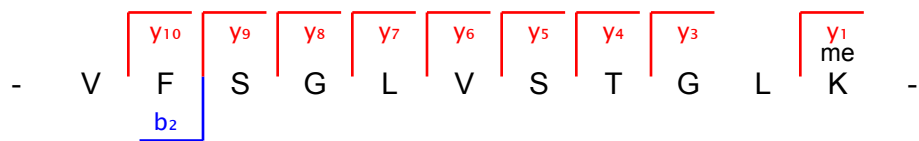
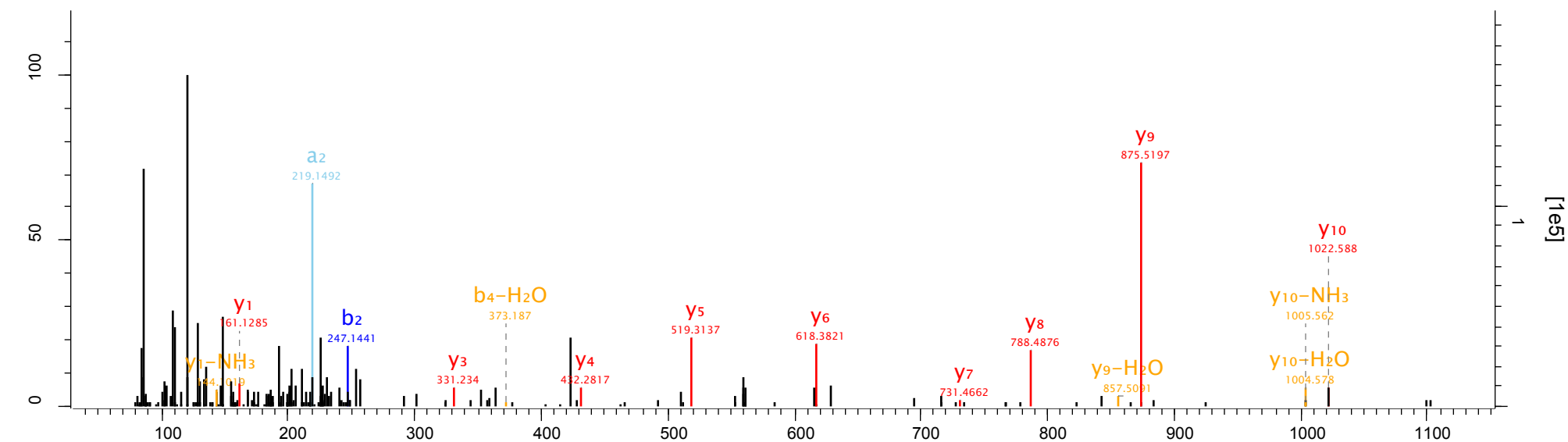
b₅b₆b₇

Raw file

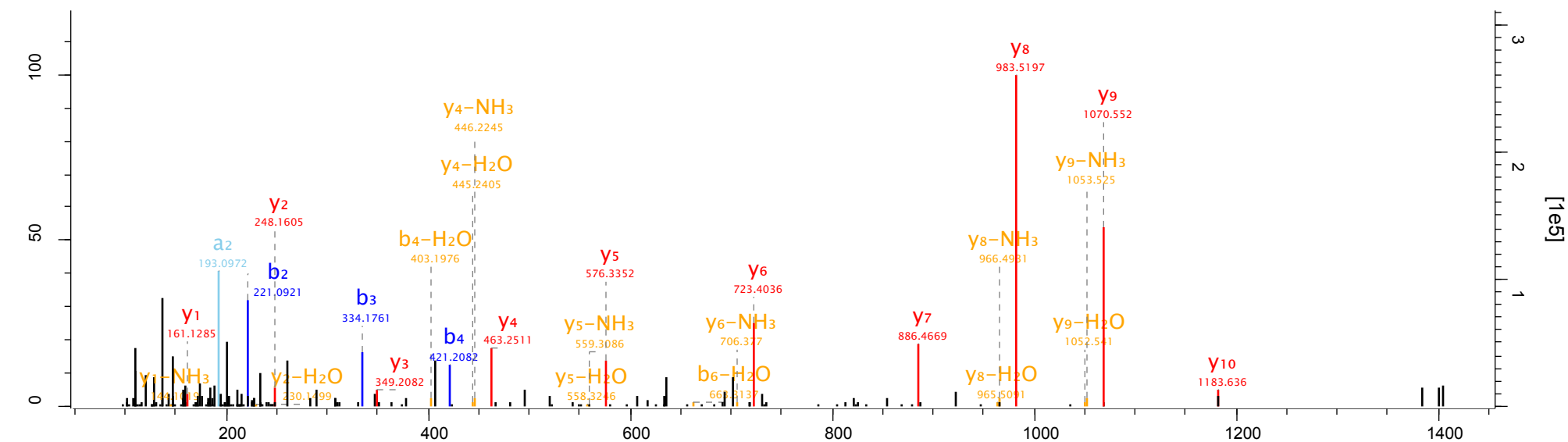
Scan	Method	Score	m/z	Gene names
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Zhibin_20150831_MDAOPA_SCX_400mM

9792	FTMS; HCD	67.38	561.33	EEF2
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Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	9817	FTMS; HCD	117.86	702.87	HSPD1



- G Y I S P Y F I N T S K -

Peptide sequence: - G Y I S P Y F I N T S K -

Fragmentation sites (b and y ions):

- b2 (between Y and I)
- b3 (between I and S)
- b4 (between S and P)
- y1 (between K and S)
- y2 (between S and T)
- y3 (between T and N)
- y4 (between N and I)
- y5 (between I and F)
- y6 (between F and Y)
- y7 (between Y and P)
- y8 (between P and S)
- y9 (between S and I)
- y10 (between I and Y)

Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan

9892

Method

FTMS; HCD

Score

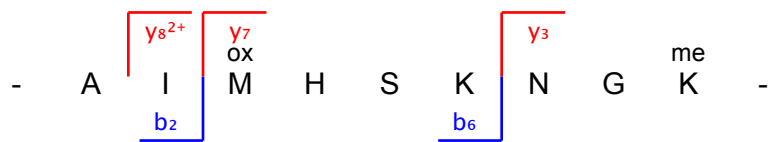
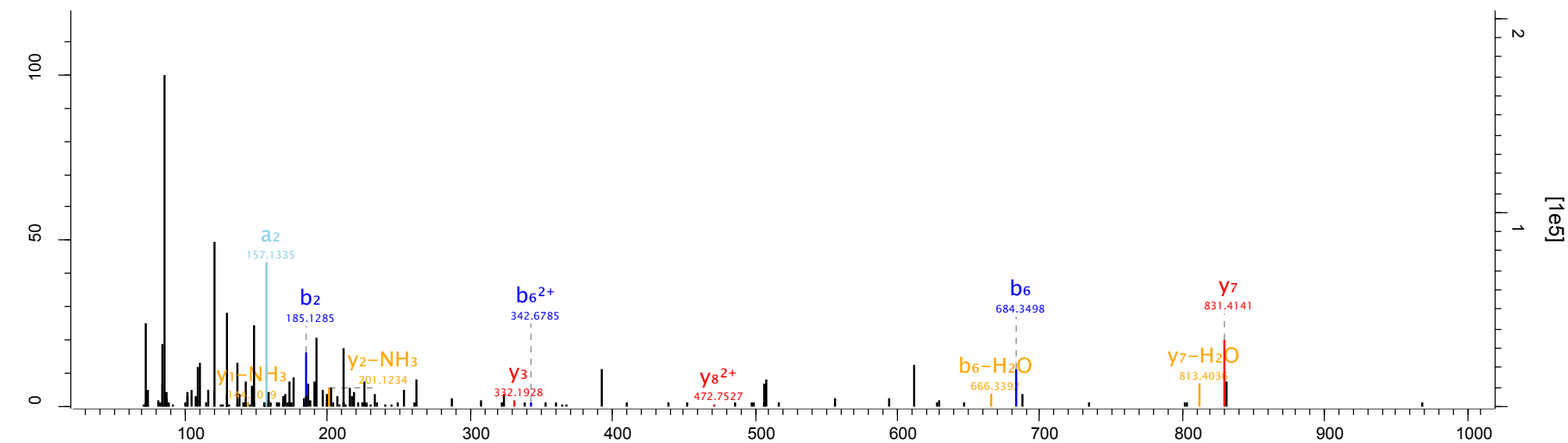
44.35

m/z

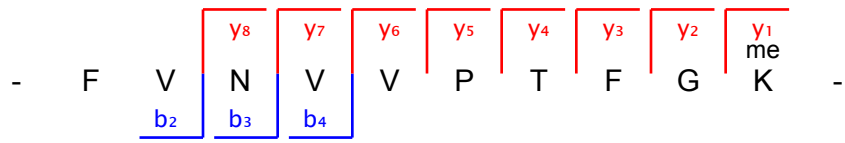
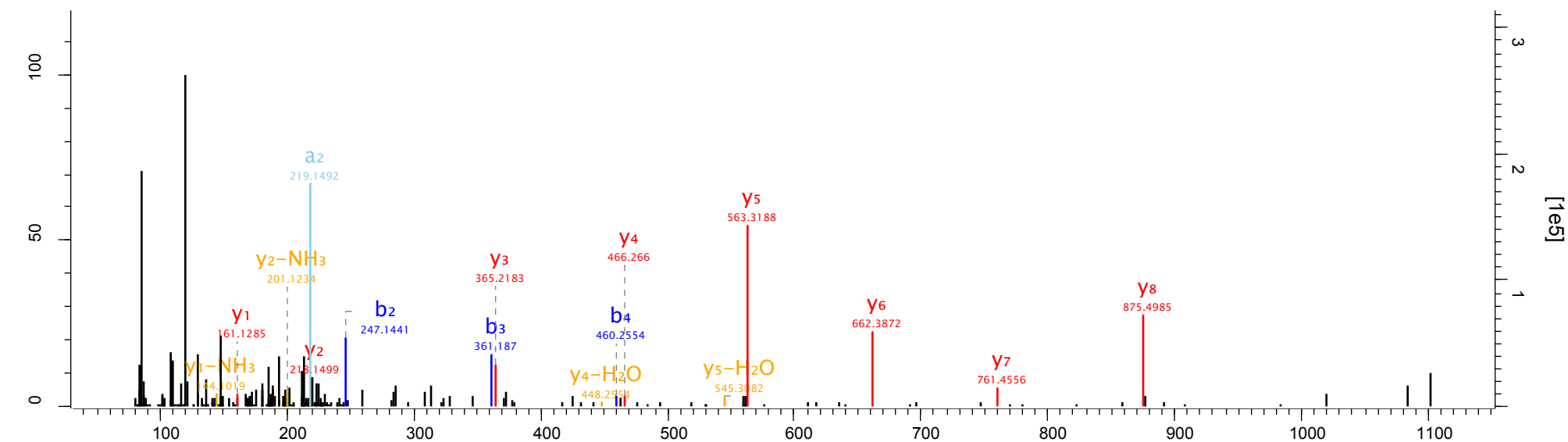
508.27

Gene names

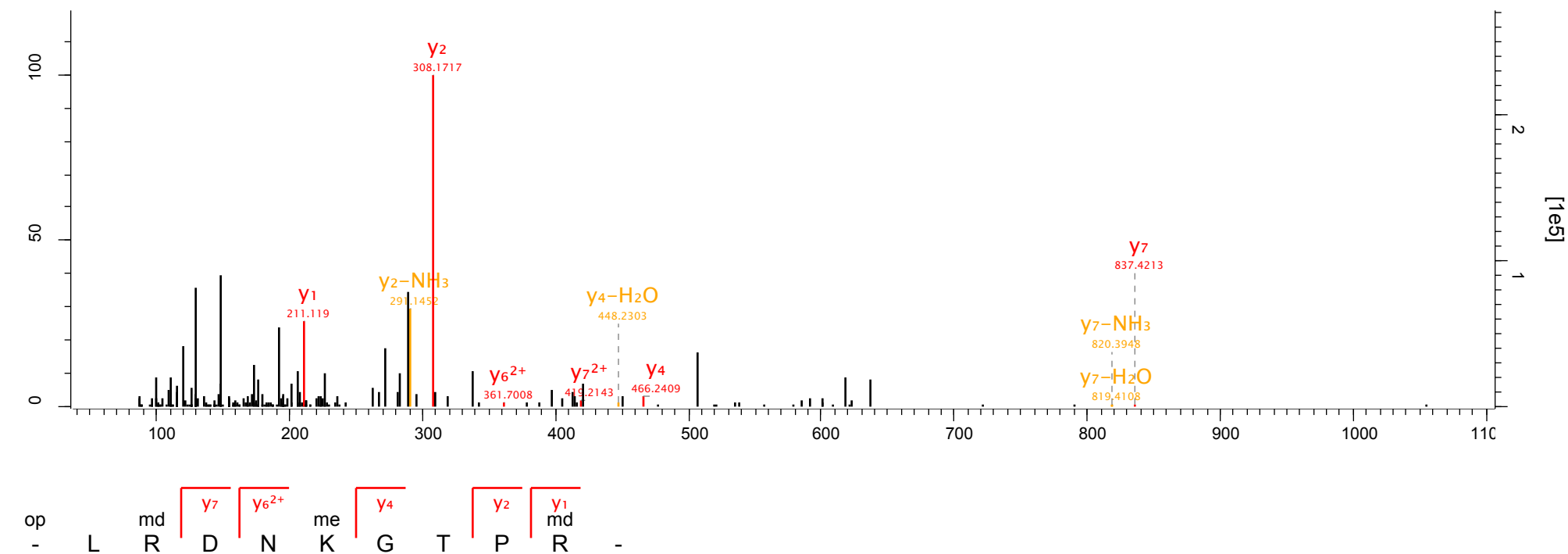
SOCS7



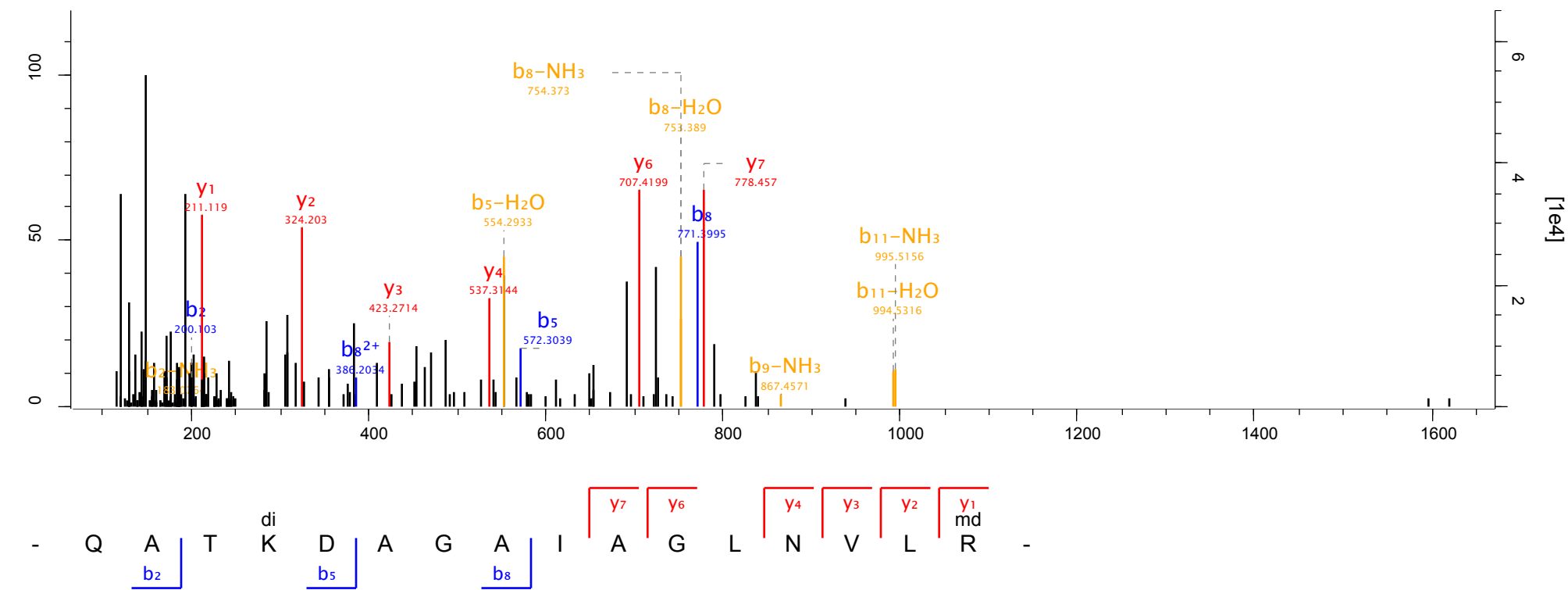
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	9901	FTMS; HCD	63.62	561.82	FAU



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	10606	FTMS; HCD	40.02	419.9	HK1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	10862	FTMS; HCD	45.61	554.65	HSPA6



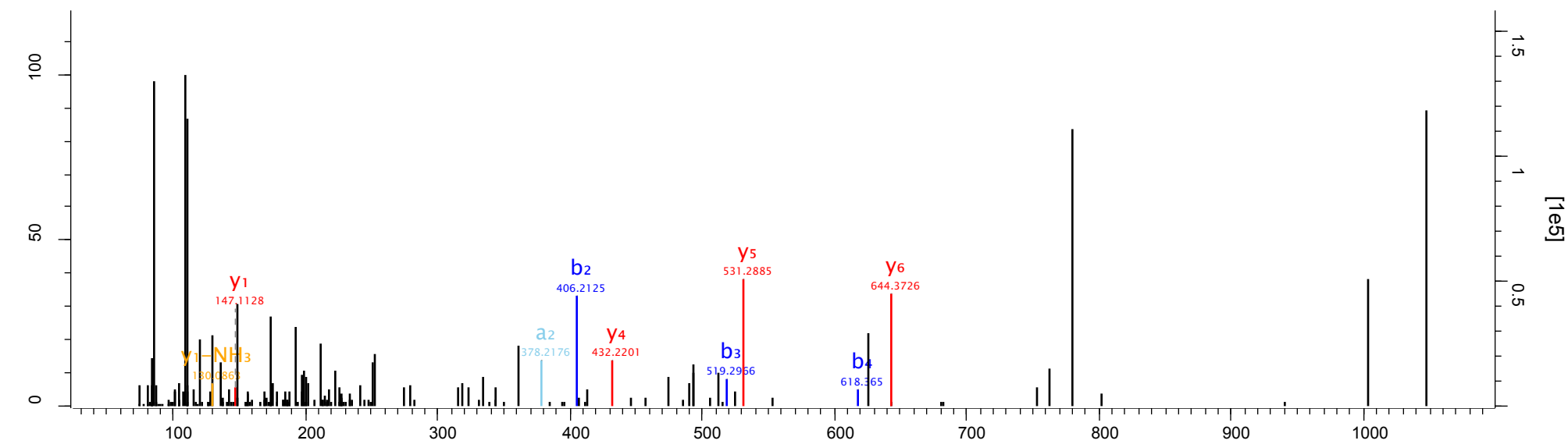
Zhibin_20150831_MDAOPA_SCX_400mM

11187

FTMS; HCD

43.81

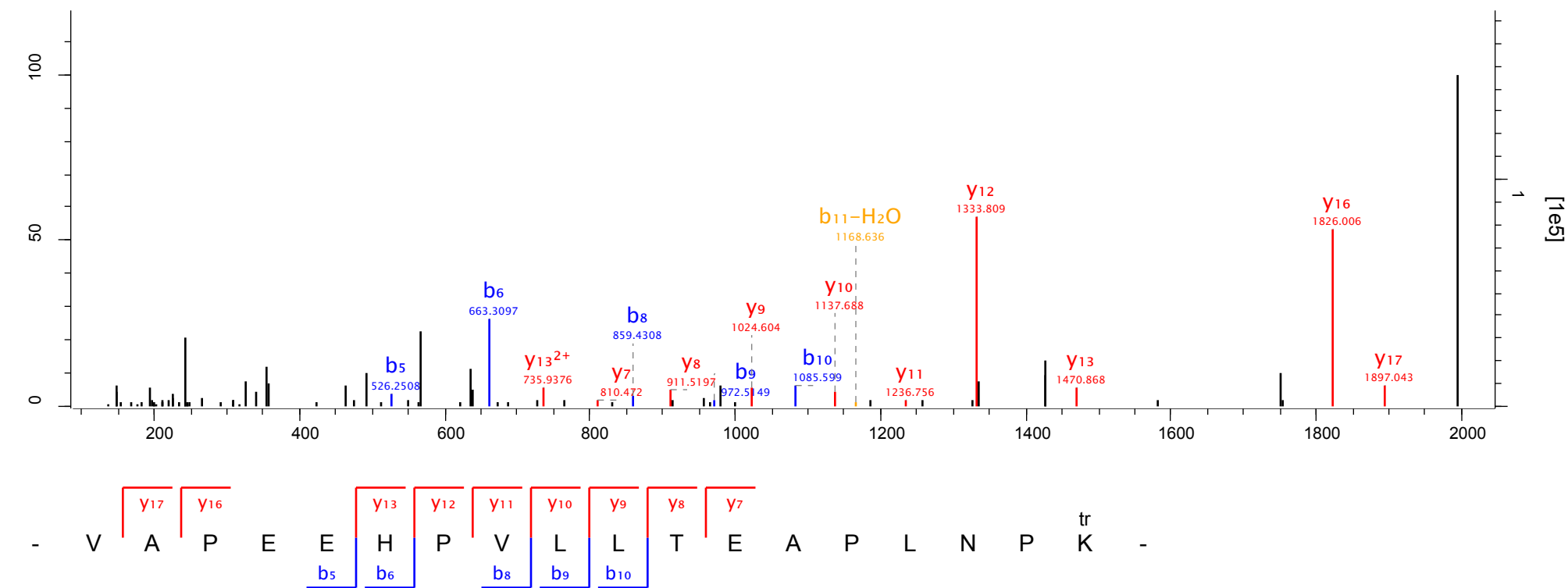
525.29



op me
- K F L V G N N K -

b2 b3 b4 y6 y5 y4 y1

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	11344	FTMS; HCD	54.1	999.06	ACTB;ACTG1



Raw file

Zhibin_20150831_MDAOPA_SCX_400mM

Scan

11823

Method

FTMS; HCD

Score

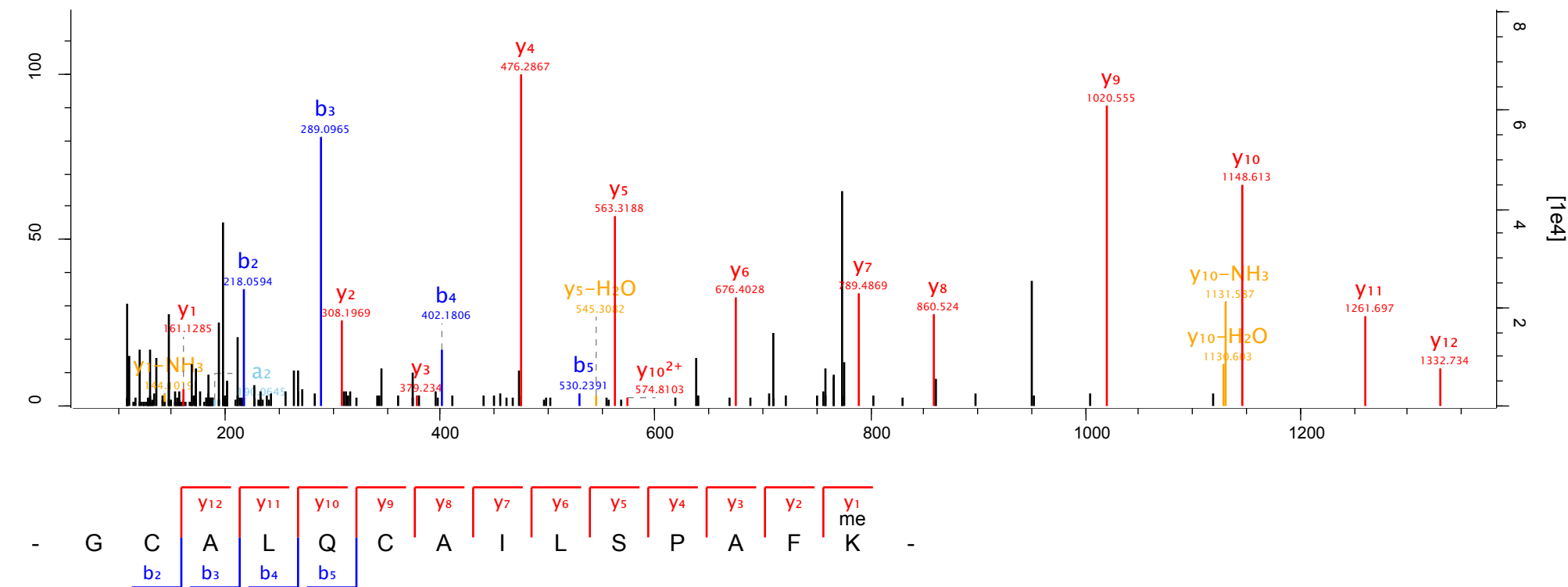
85.84

m/z

775.9

Gene names

HSPH1;HSPA4L;HSPA4



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_400mM

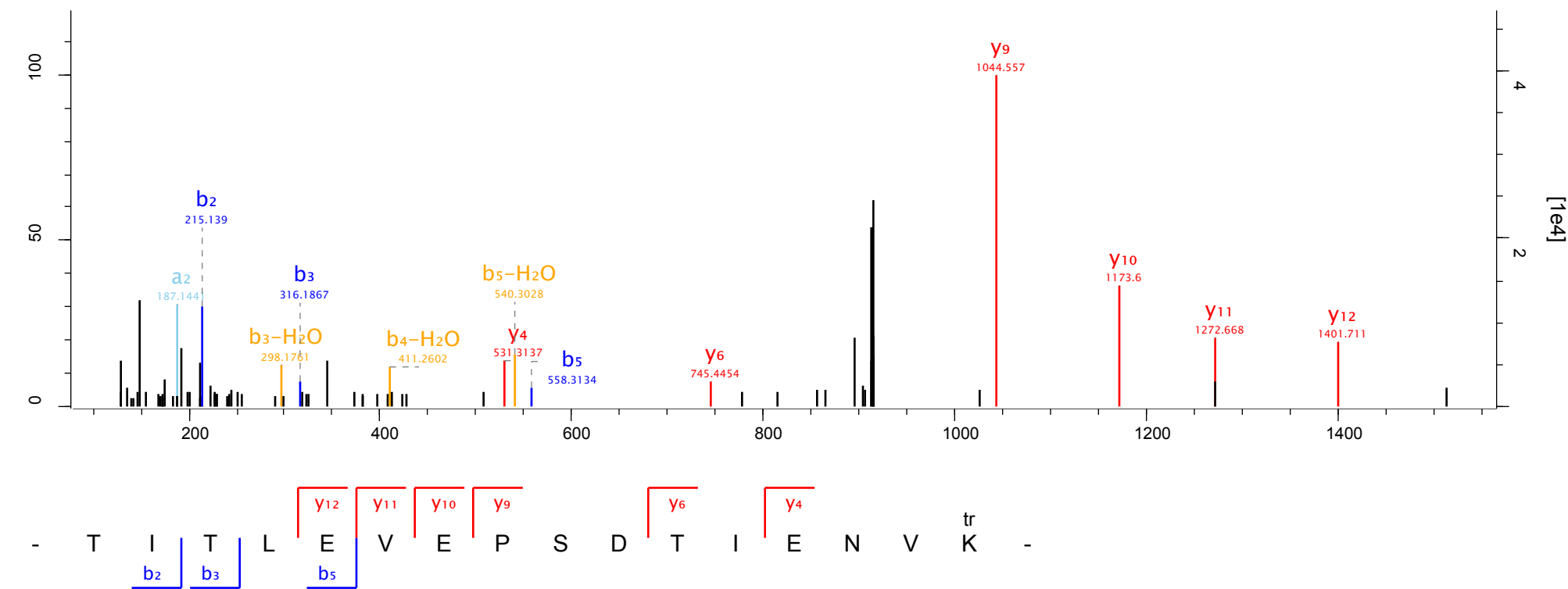
11923

FTMS; HCD

50.3

915.49

RPS27A;UBB;UBC;UBA52;UBBP4



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_400mM

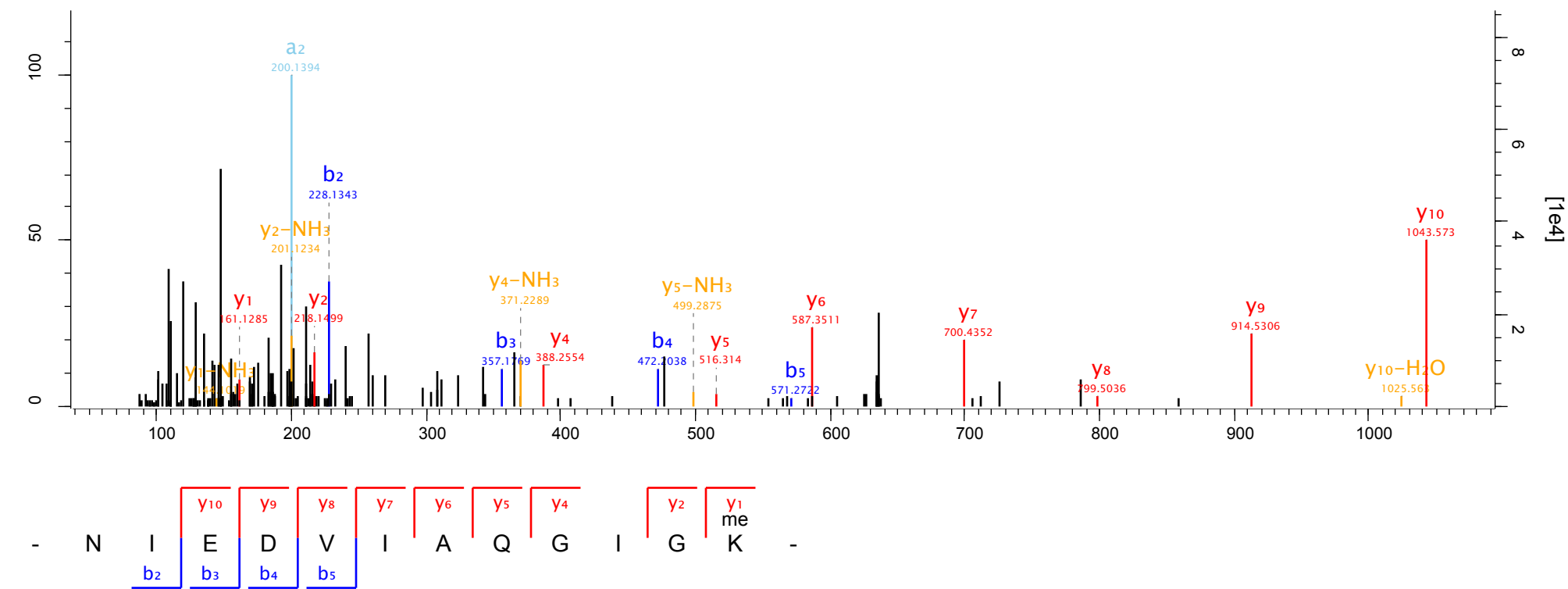
11961

FTMS; HCD

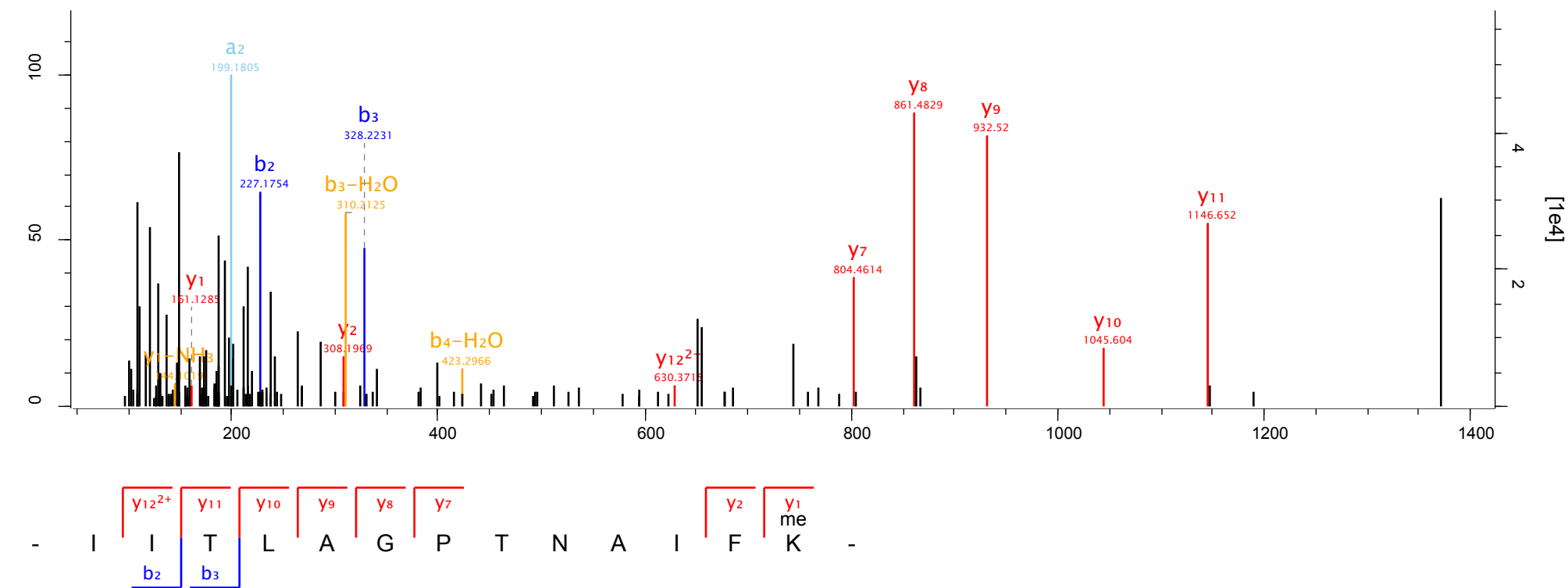
70.09

635.85

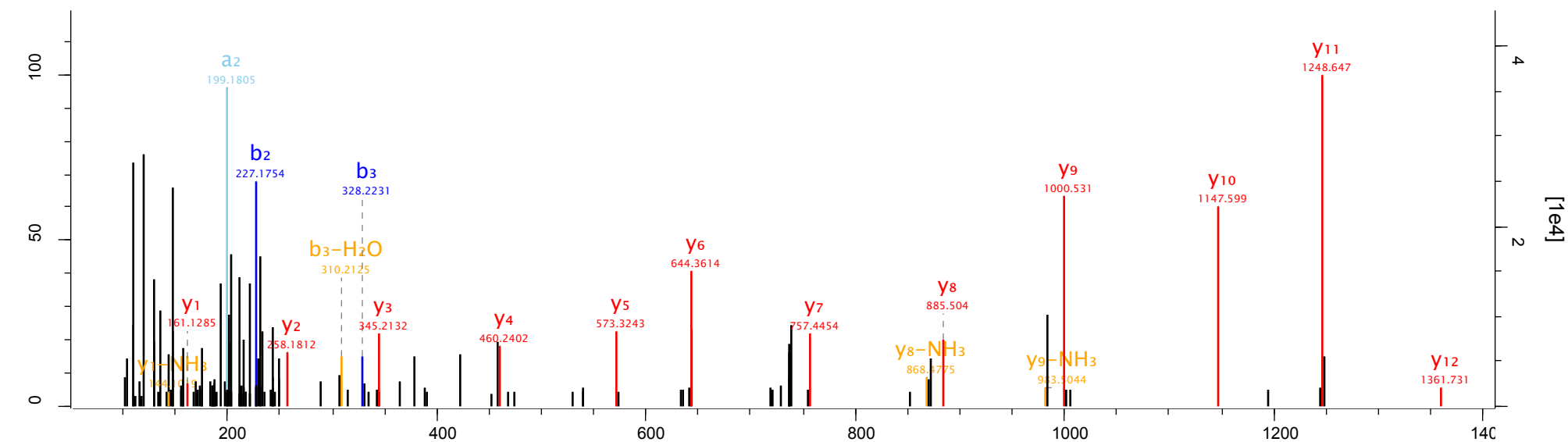
RPLP2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	12528	FTMS; HCD	53.45	687.41	PCBP2



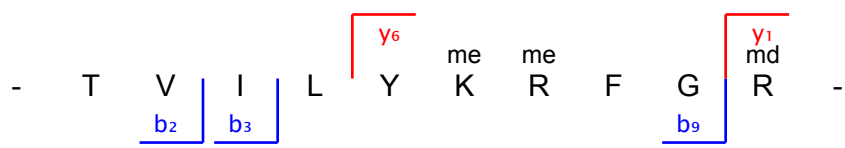
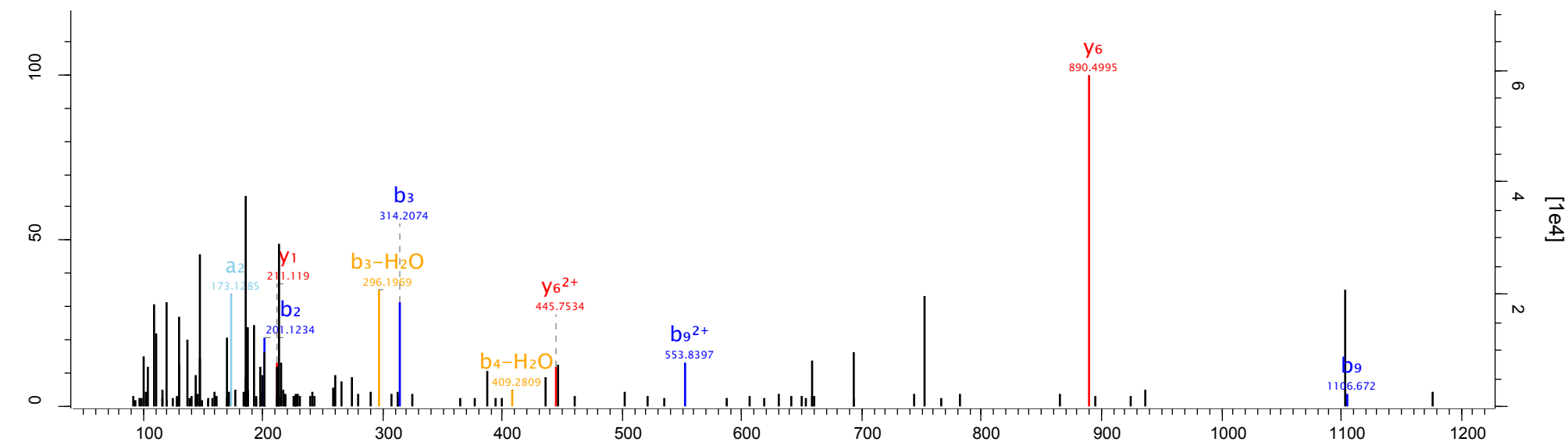
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	13066	FTMS; HCD	78.81	738.41	RPL18



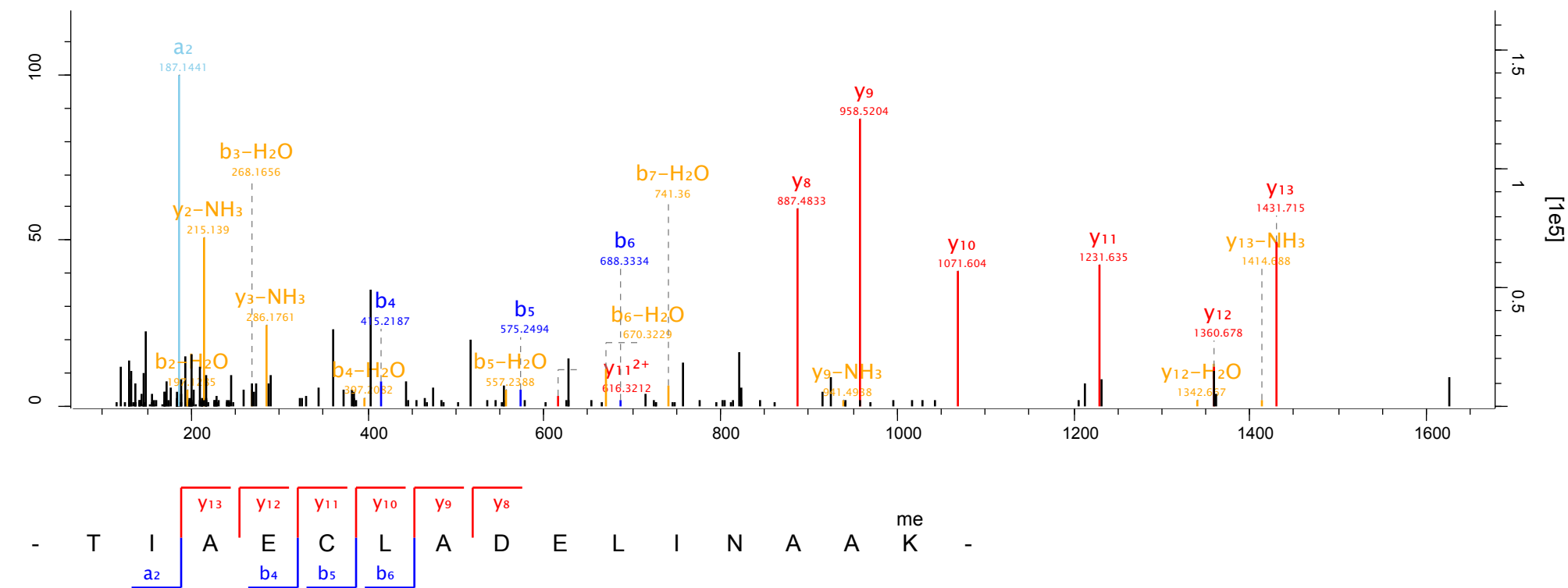
- I L T F D Q L A L D S P K -

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

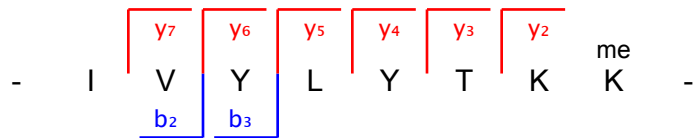
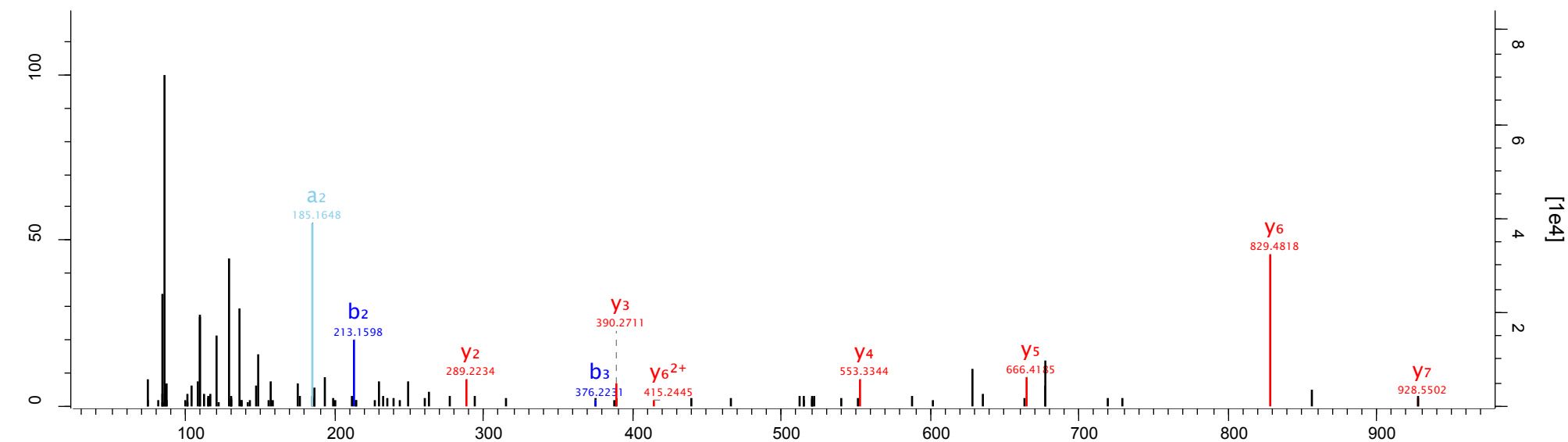
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	13442	FTMS; HCD	47.19	659.4	NOL11



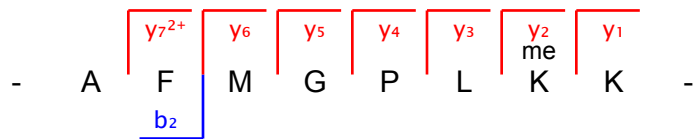
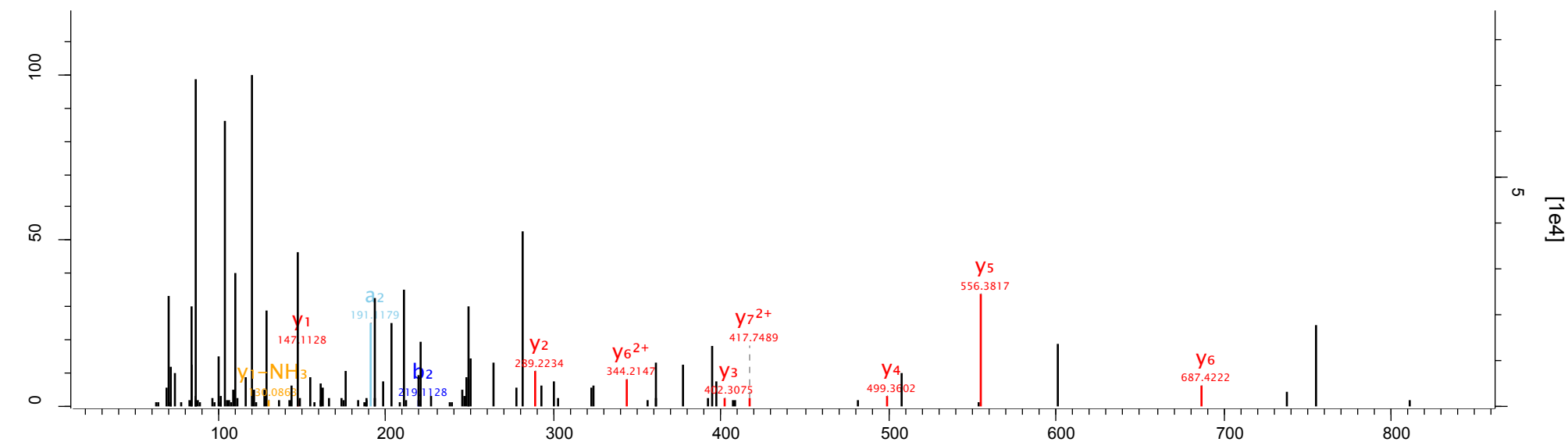
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_400mM	15204	FTMS; HCD	66.25	823.93	RPS5



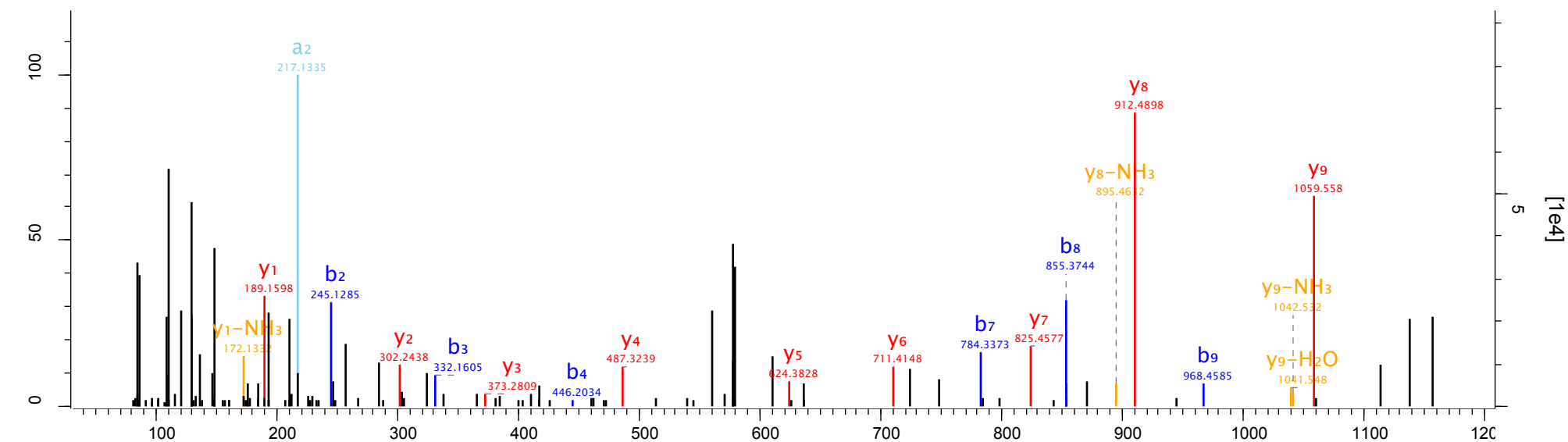
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	4916	FTMS; HCD	51.07	521.32	RPL34



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	5140	FTMS; HCD	55.68	302.17	RPL3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	5441	FTMS; HCD	88.16	578.81	CKB



- P F S N S H N A L K -

y₉
y₈
y₇
y₆
y₅
y₄
y₃
y₂
y₁
tr

b₂
b₃
b₄
b₇
b₈
b₉

Zhibin_20150831_MDAOPA_SCX_500mM

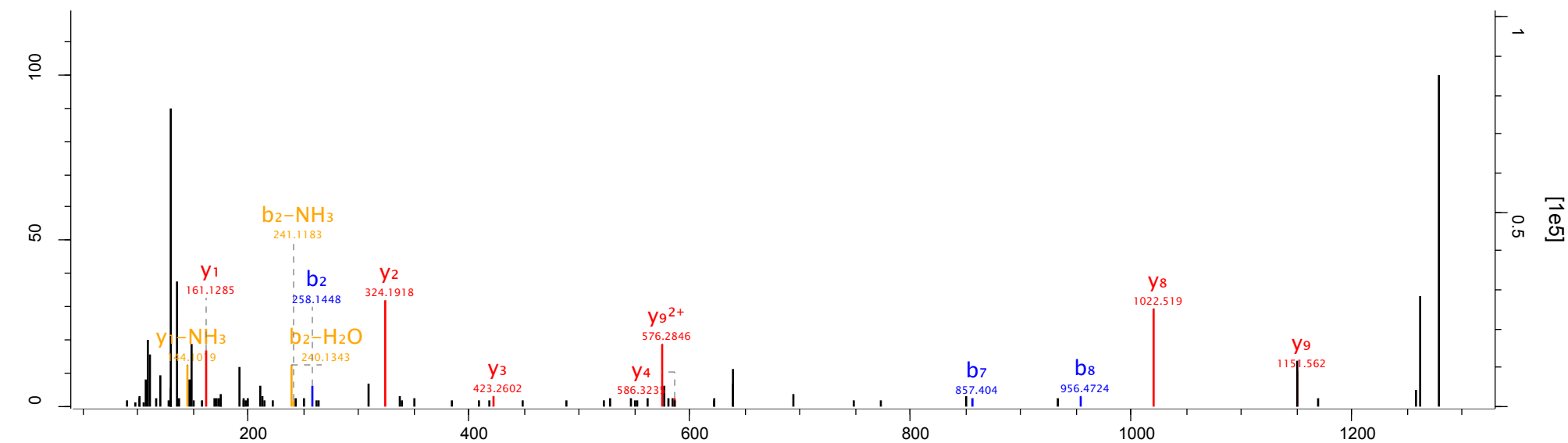
5808

FTMS; HCD

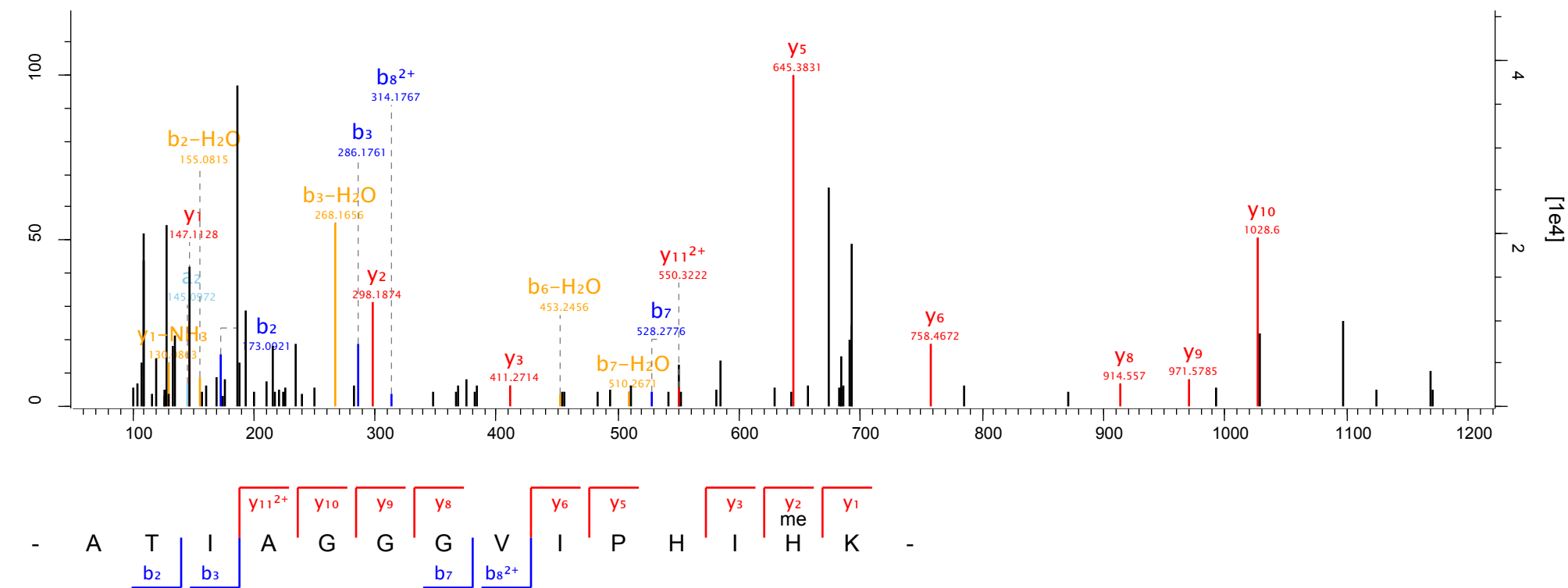
49.19

640.33

HIST1 H2BN; HIST1 H2BM; HIST1 H2BH; HIST2 H2BF; HIST1 H2BC; HIST1 H2BD; HIST1 H2BL; H2BFS



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	6187	FTMS; HCD	43.76	693.34	H2AFV;H2AFZ



Zhibin_20150831_MDAOPA_SCX_500mM

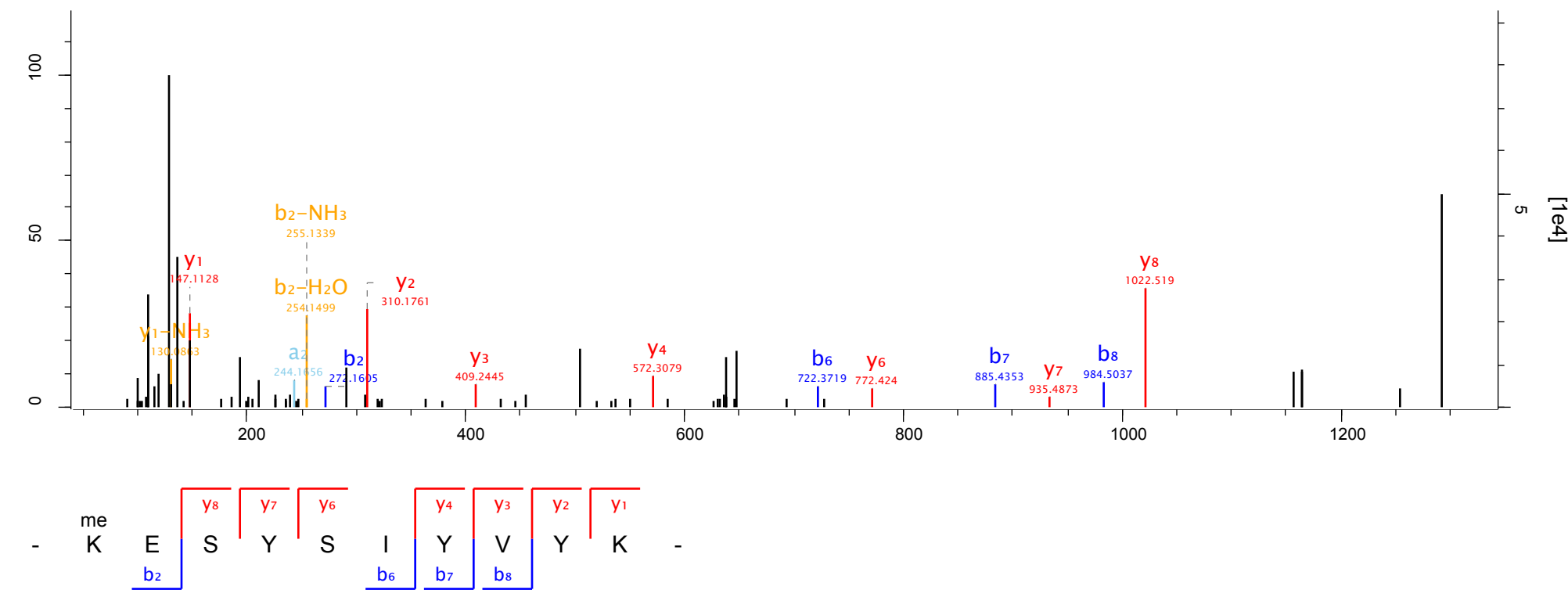
6420

FTMS; HCD

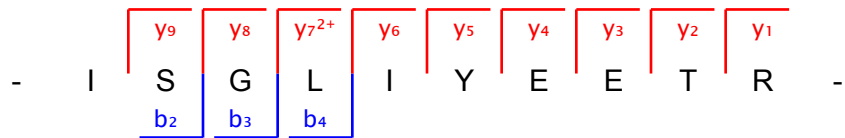
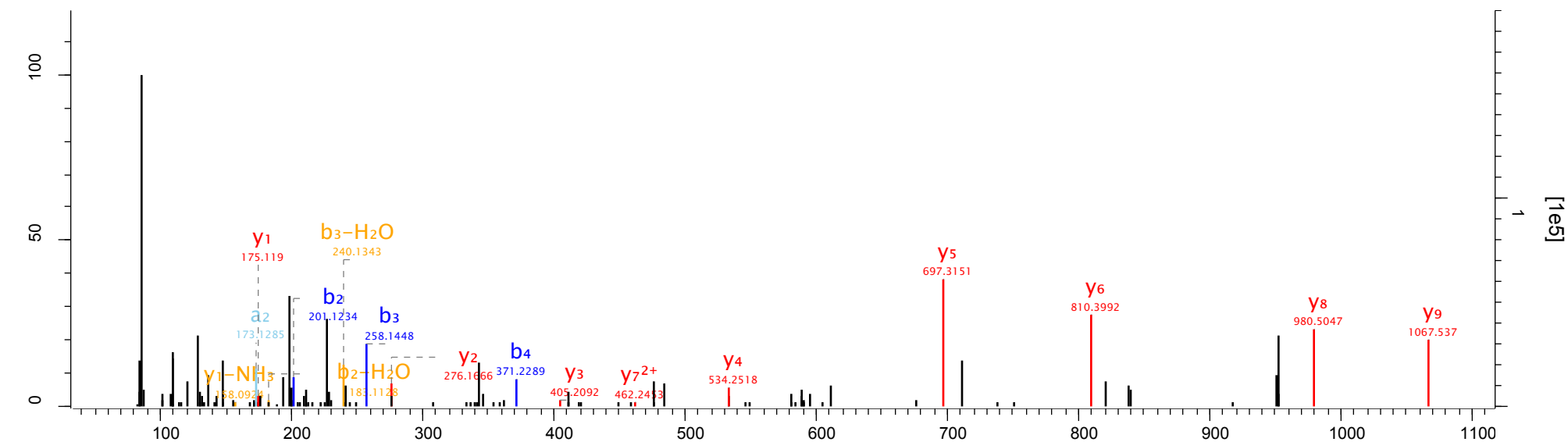
69.72

647.34

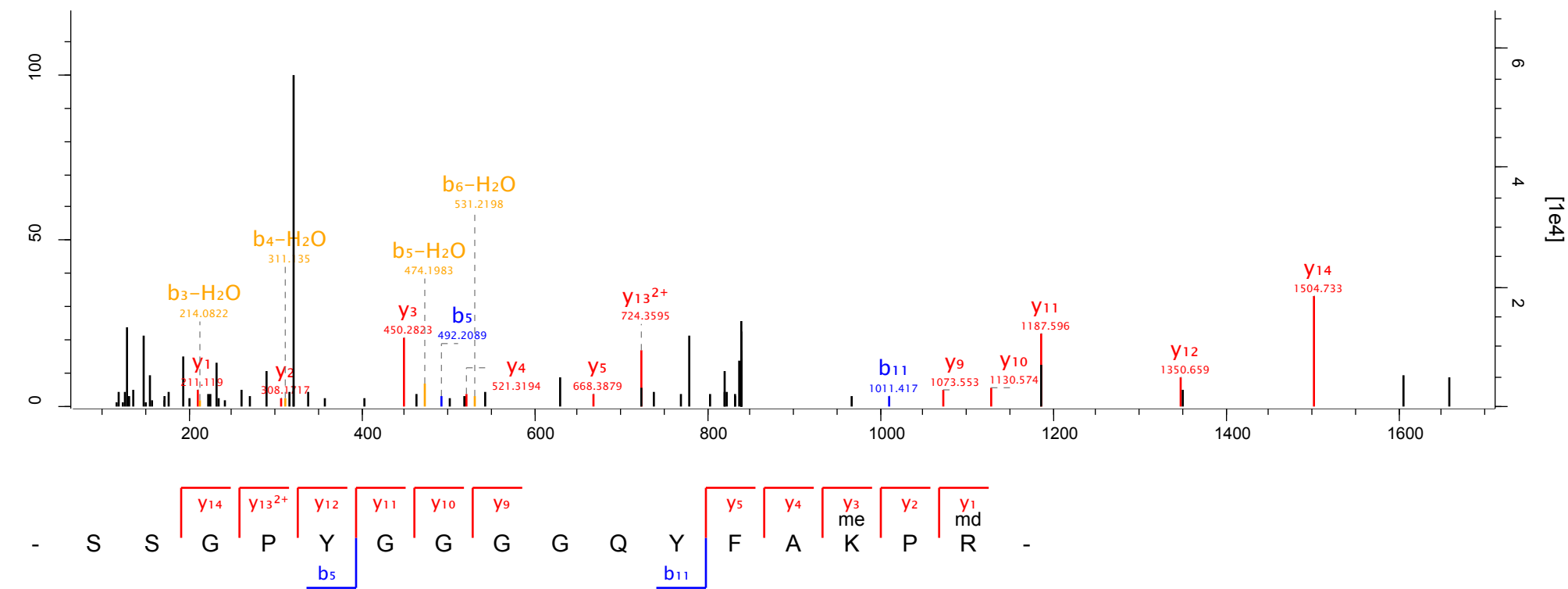
HIST2H2BE; HIST1H2BB; HIST1H2BO; HIST2H2BD; HIST2H2BC; HIST1H2BJ; HIST3H2BB



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	6679	FTMS; HCD	44.56	590.81	HIST1H4A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	6852	FTMS; HCD	44.25	840.4	HNRNPA1



Raw file

Zhibin_20150831_MDAOPA_SCX_500mM

Scan

7221

Method

FTMS; HCD

Score

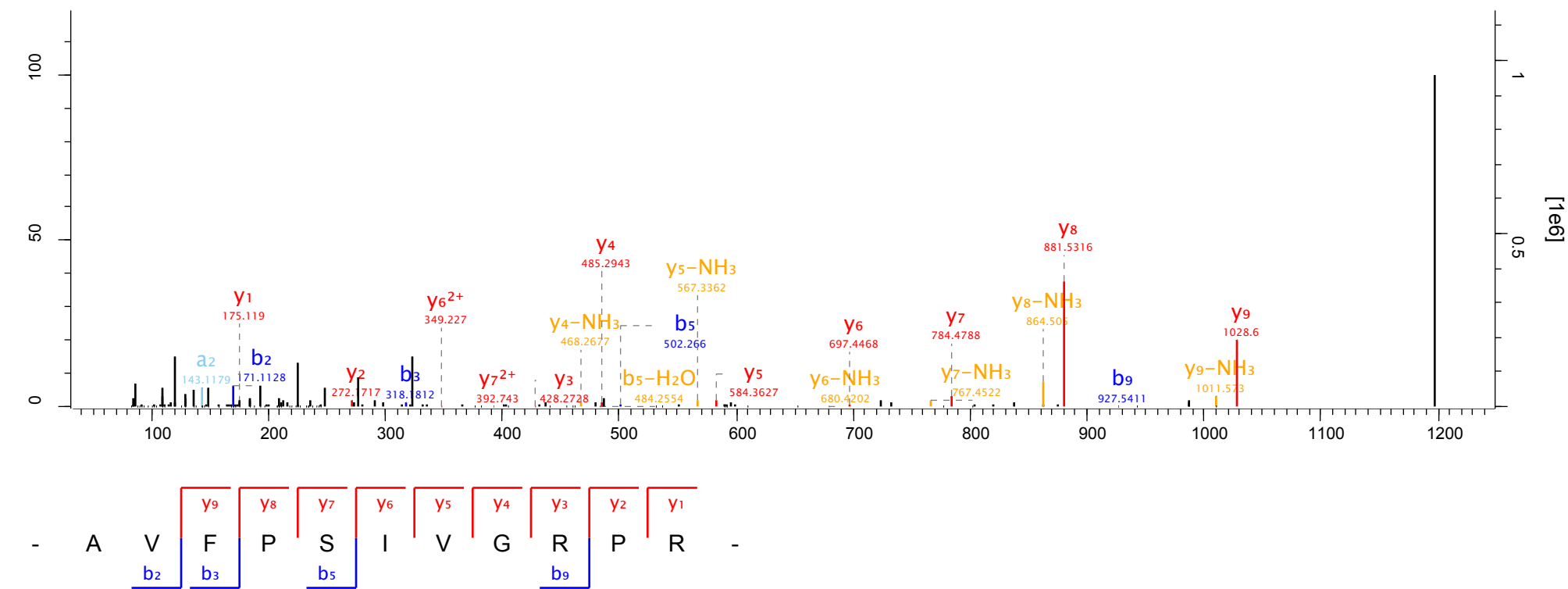
84.69

m/z

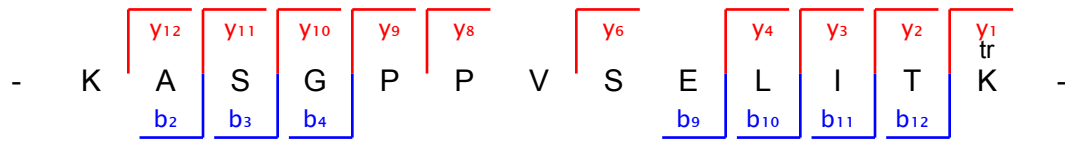
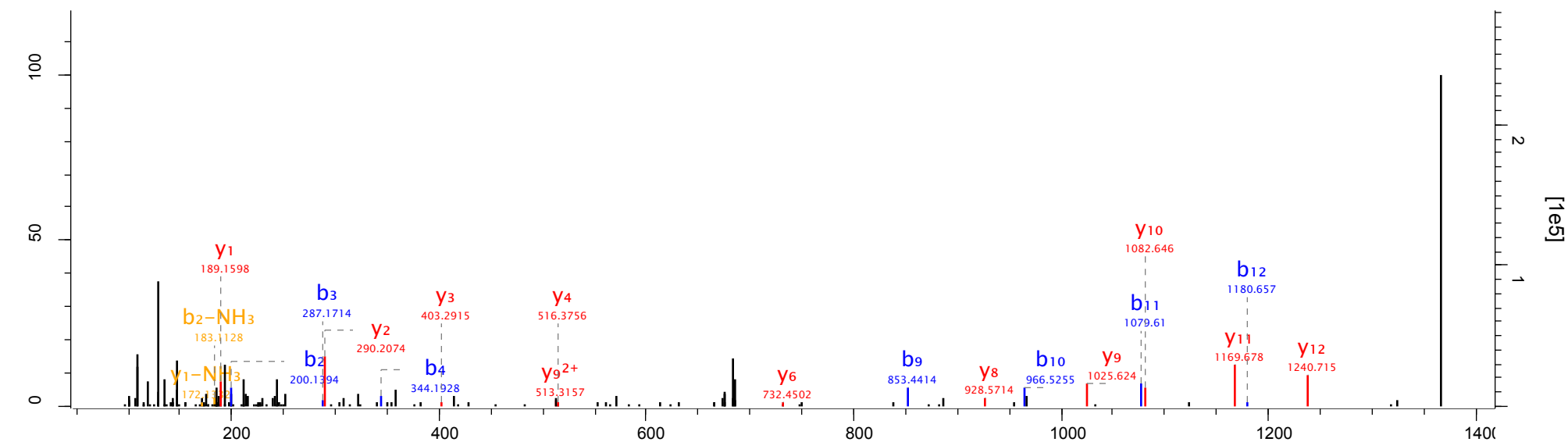
600.35

Gene names

ACTB;ACTA1;ACTC1;ACTG2;ACTA2;POTEF;ACTG1;POTEI;POTEE



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	8689	FTMS; HCD	54.28	684.91	HIST1H1C; HIST1H1E; HIST1H1D



Raw file

Zhibin_20150831_MDAOPA_SCX_500mM

Scan

8704

Method

FTMS; HCD

Score

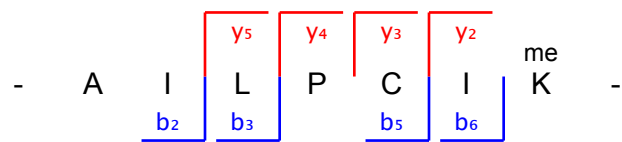
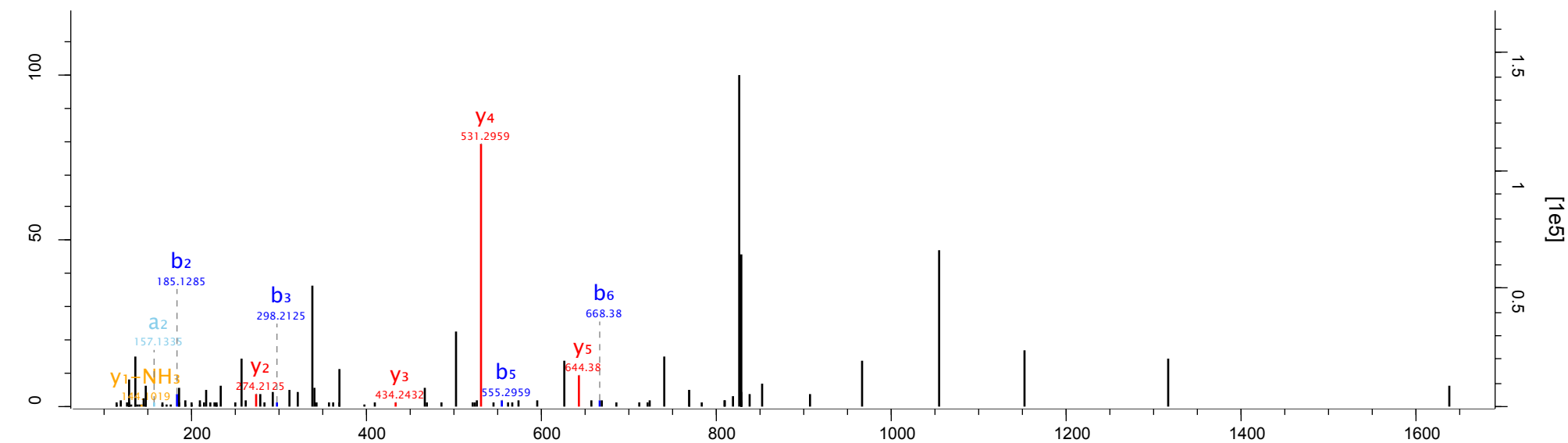
45.75

m/z

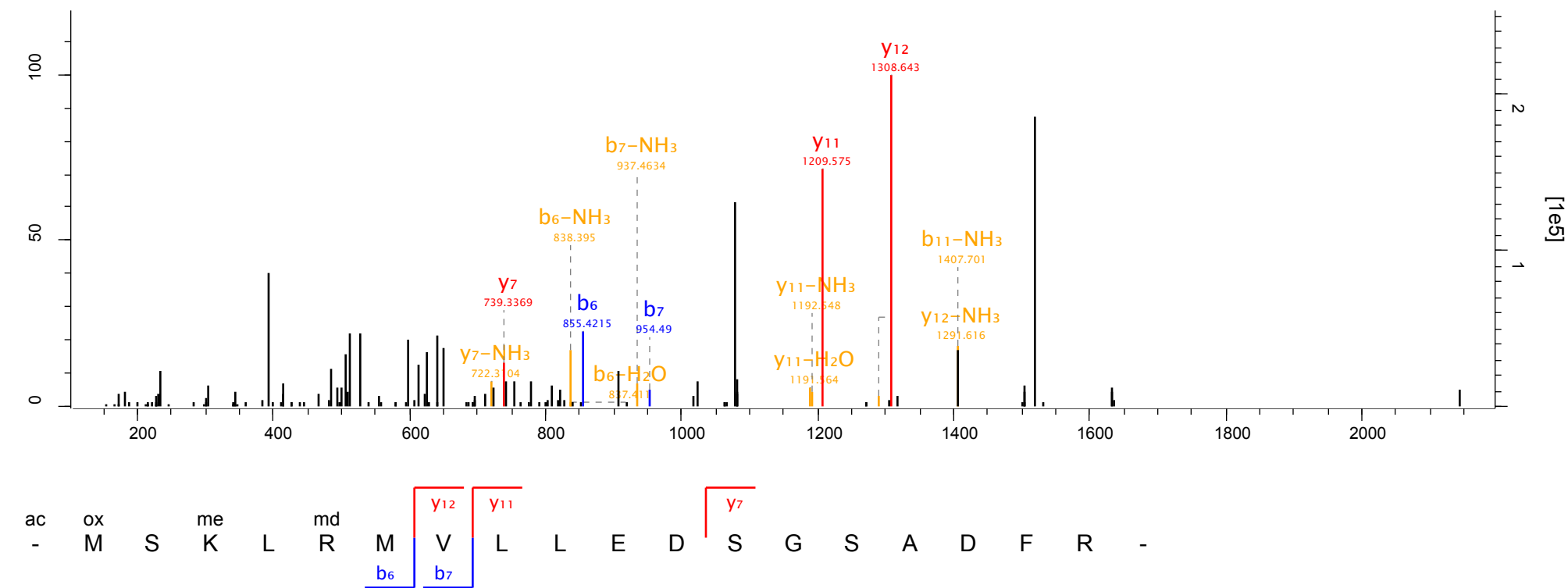
828.92

Gene names

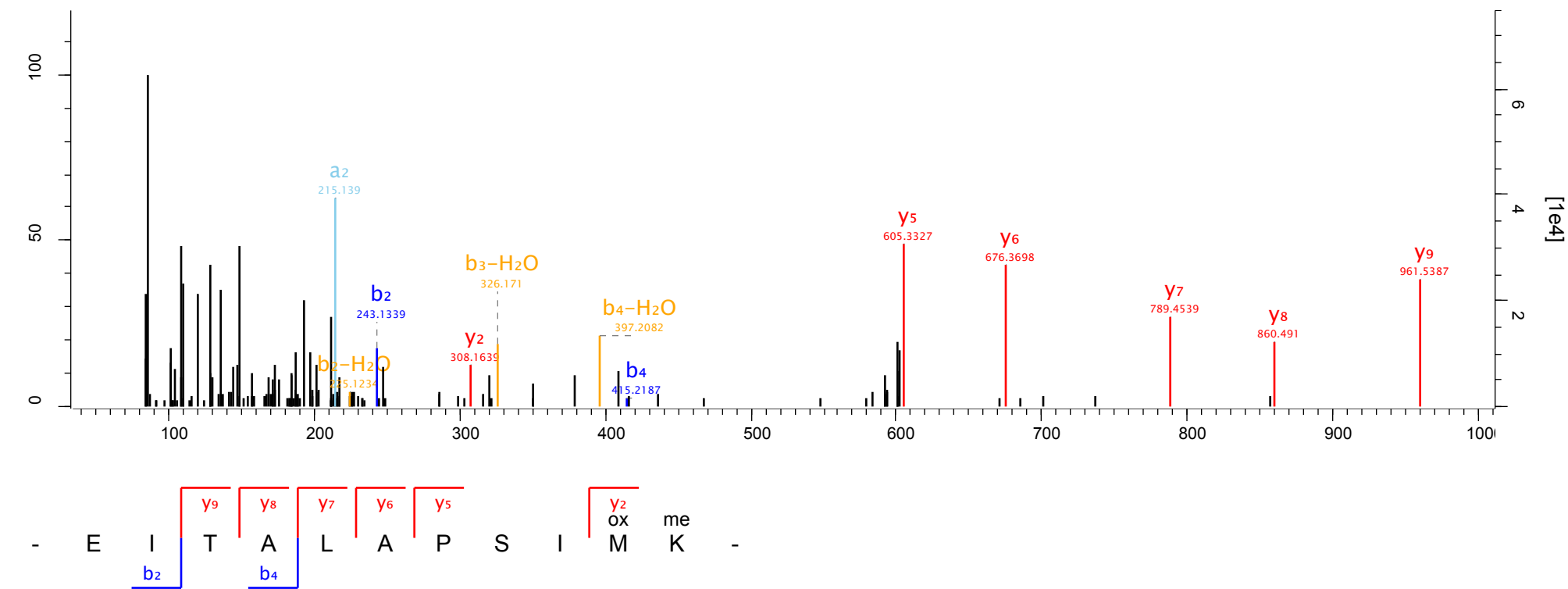
EIF4A1



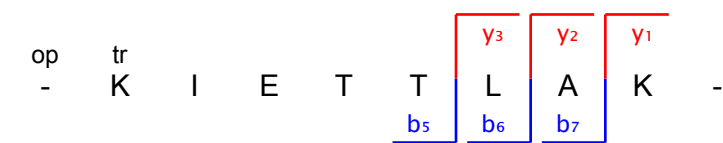
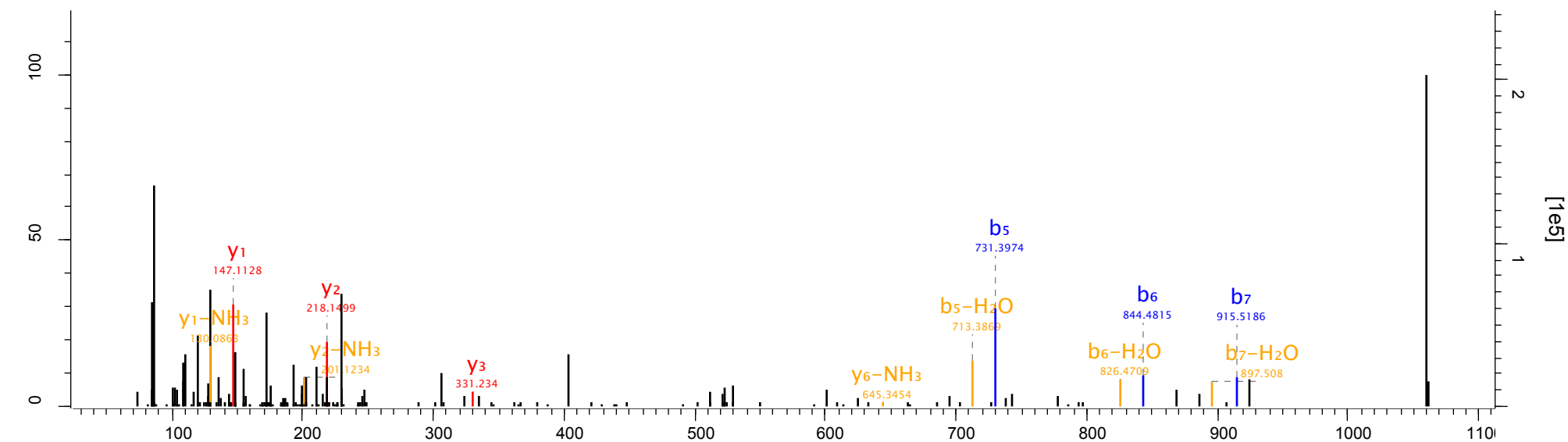
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	9137	FTMS; HCD	41.09	1082.53	CD163



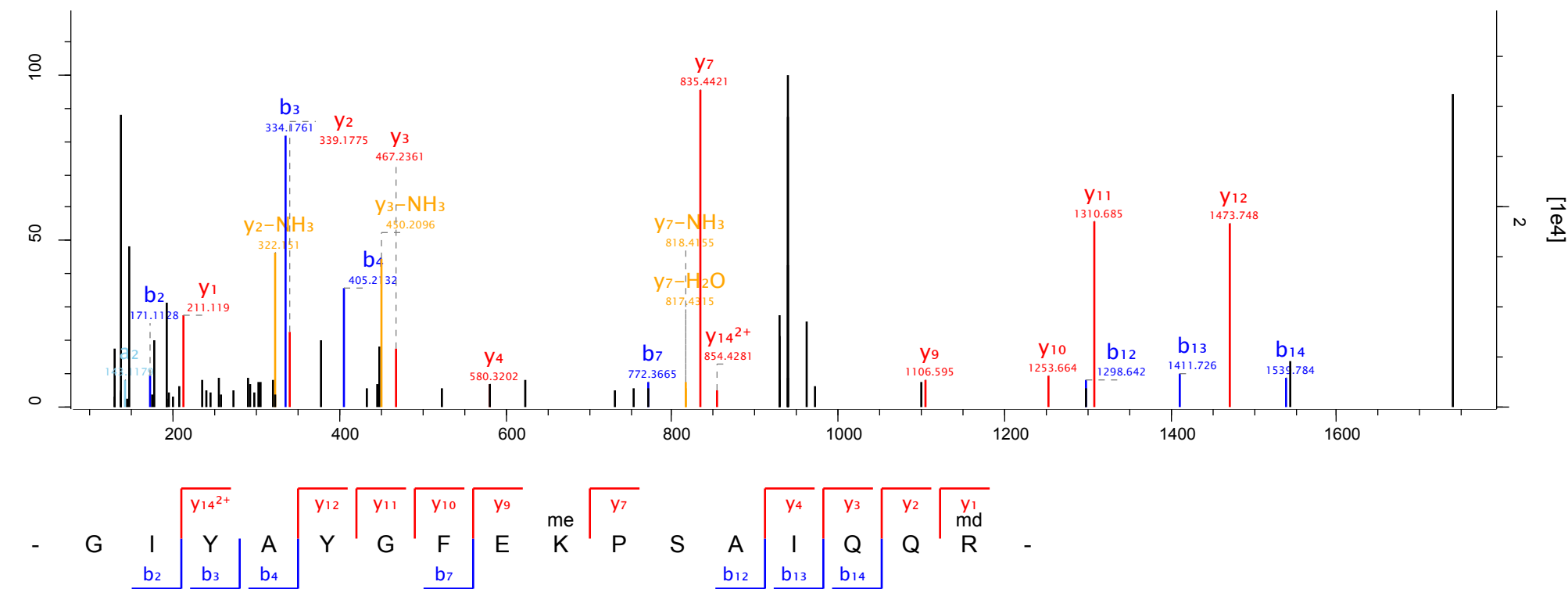
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	9429	FTMS; HCD	43.9	602.34	POTEKP



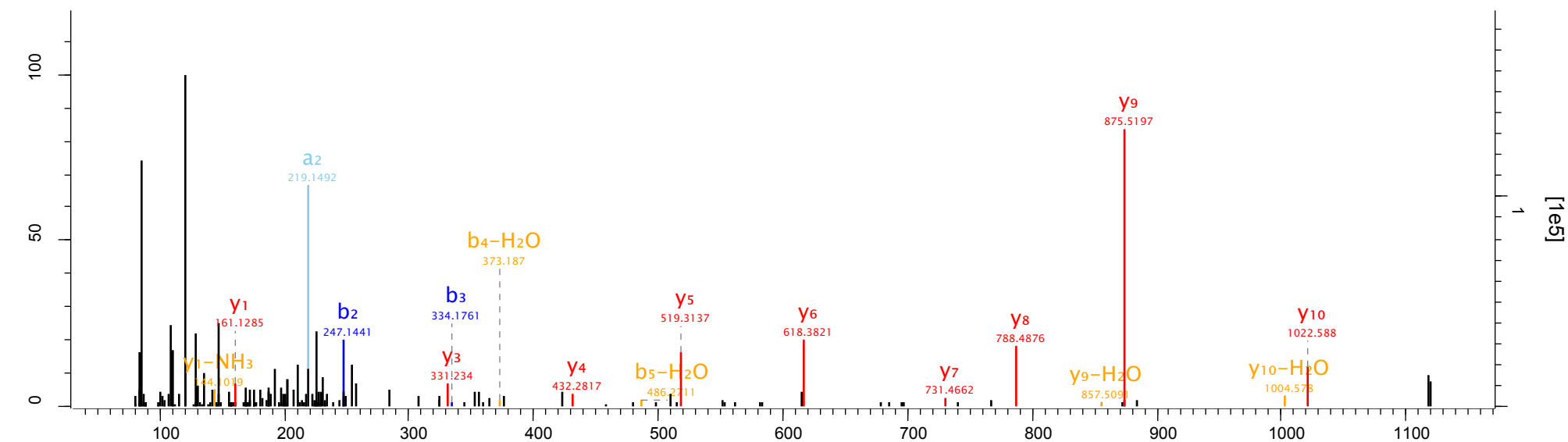
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	9601	FTMS; HCD	64.26	531.32	GUCY2C



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	9640	FTMS; HCD	96.67	939.98	EIF4A2;EIF4A1;EIF4A3



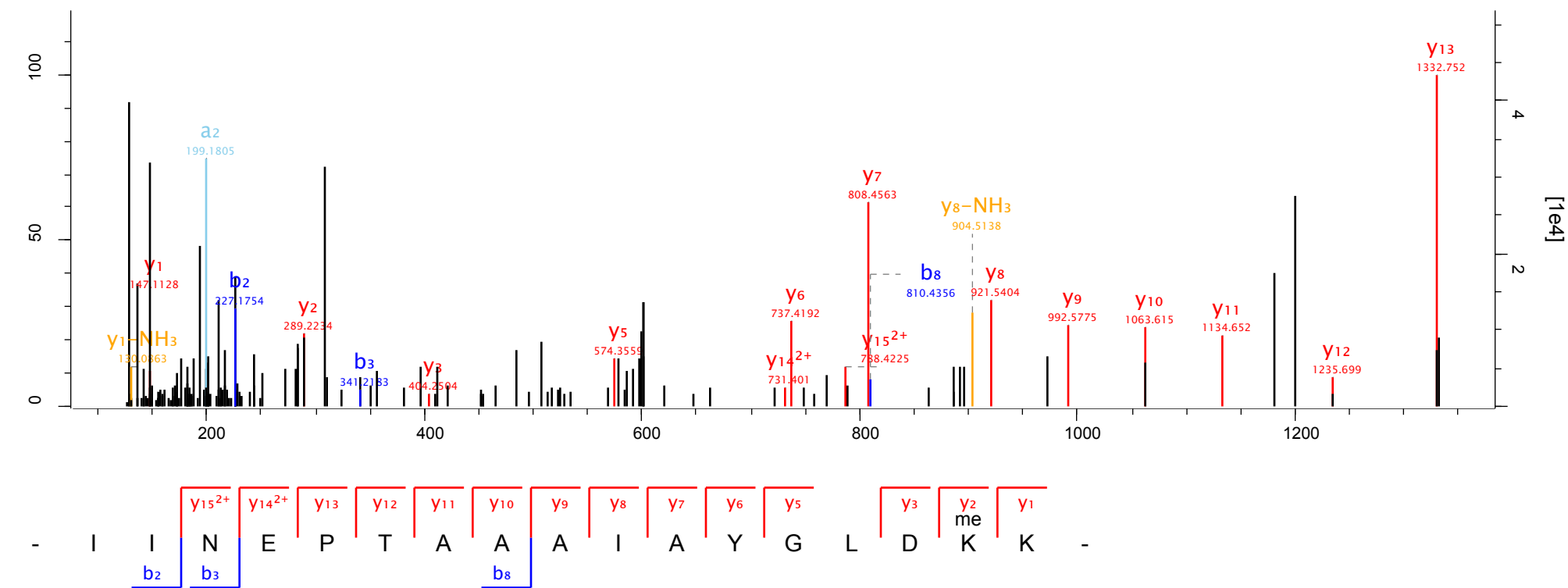
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	9821	FTMS; HCD	57.17	561.33	EEF2



- V F S G L V S T G L K -

Peptide sequence: F S G L V S T G L K. Fragmentation sites are indicated by brackets above the sequence: y10 (F), y9 (S), y8 (G), y7 (L), y6 (V), y5 (S), y4 (T), y3 (G), and y1 (K). Blue brackets below the sequence indicate b2 (F) and b3 (S).

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	9908	FTMS; HCD	51.09	601.67	HSPA8;HSPA2



Raw file

Zhibin_20150831_MDAOPA_SCX_500mM

Scan

9980

Method

FTMS; HCD

Score

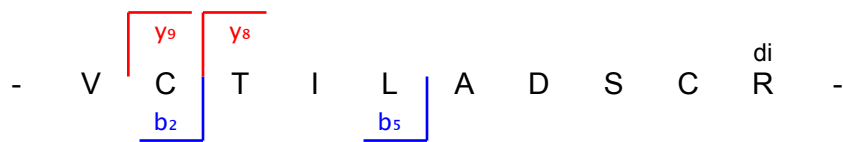
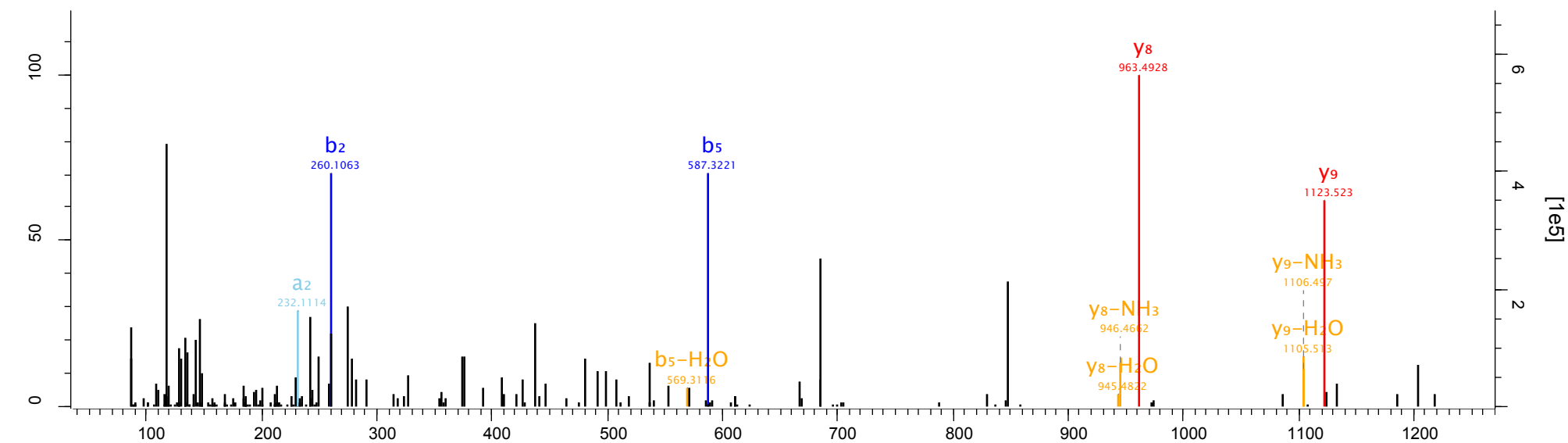
66.69

m/z

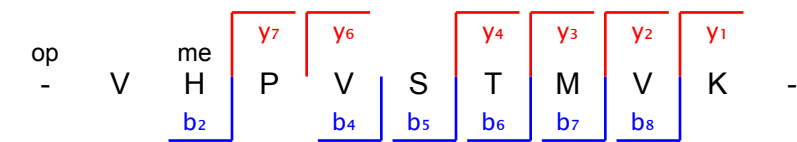
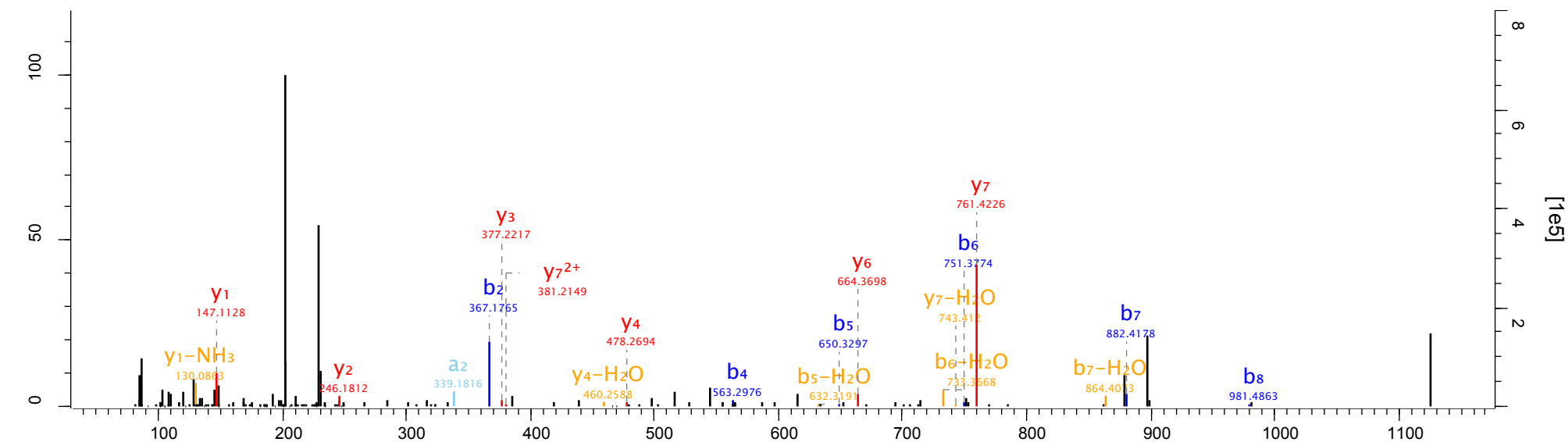
611.8

Gene names

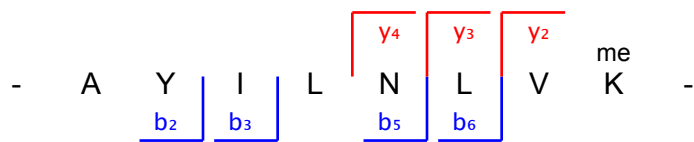
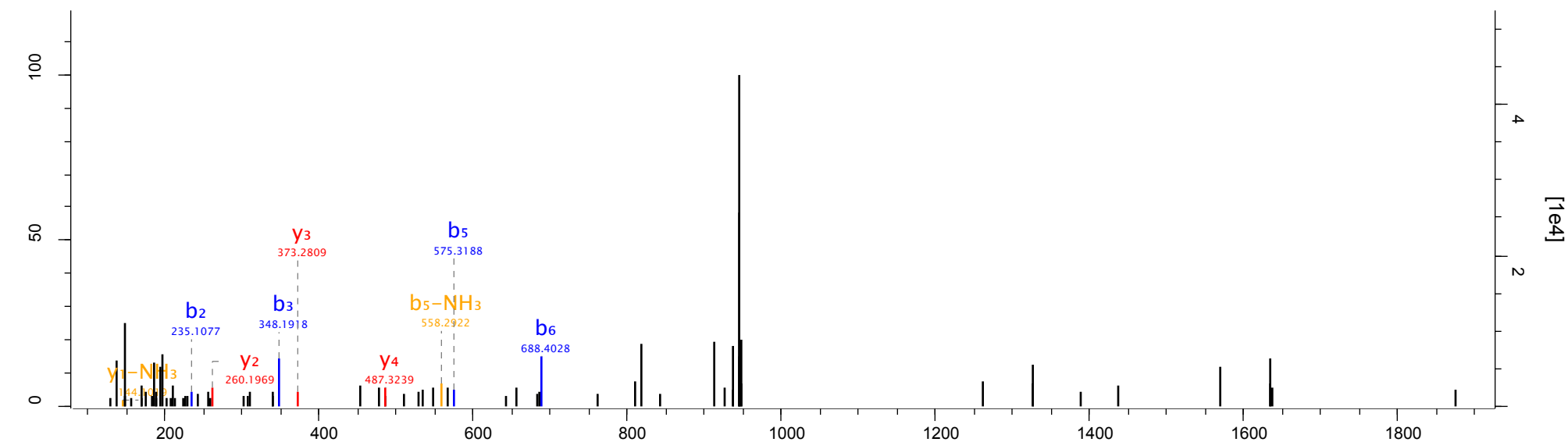
C15orf54



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	10877	FTMS; HCD	96.03	564.3	LDHC



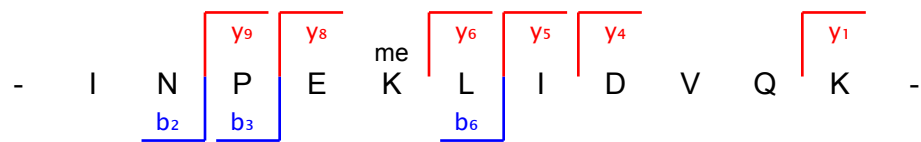
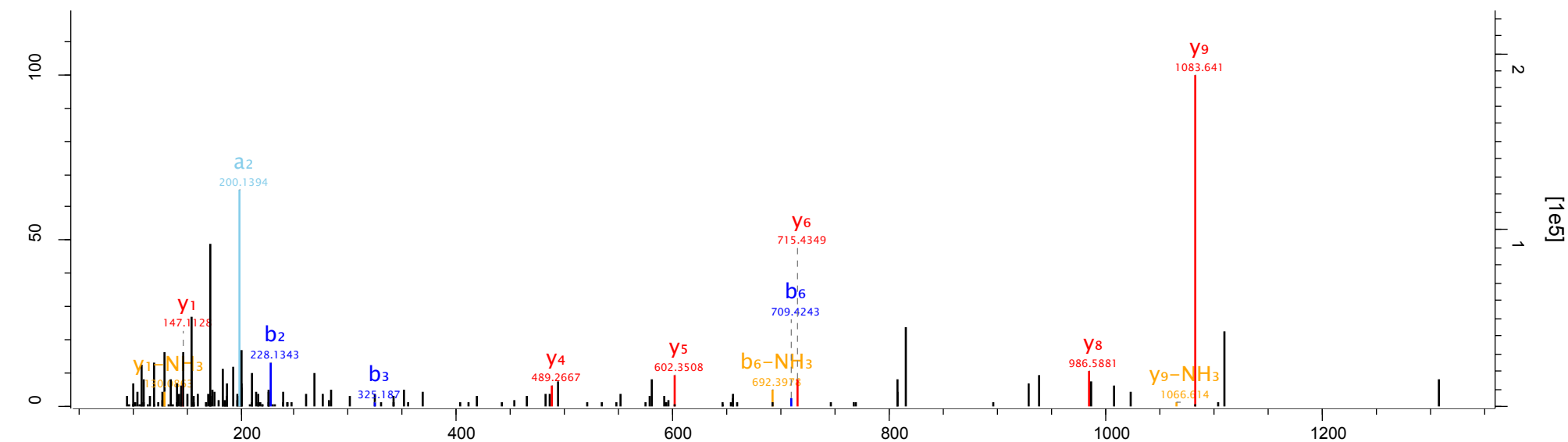
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	11423	FTMS; HCD	41.5	947.49	CCT4



Raw file

Zhibin_20150831_MDAOPA_SCX_500mM

Scan	Method	Score	m/z	Gene names
12633	FTMS; HCD	42.03	655.89	DDX10



Raw file

Zhibin_20150831_MDAOPA_SCX_500mM

Scan

14819

Method

FTMS; HCD

Score

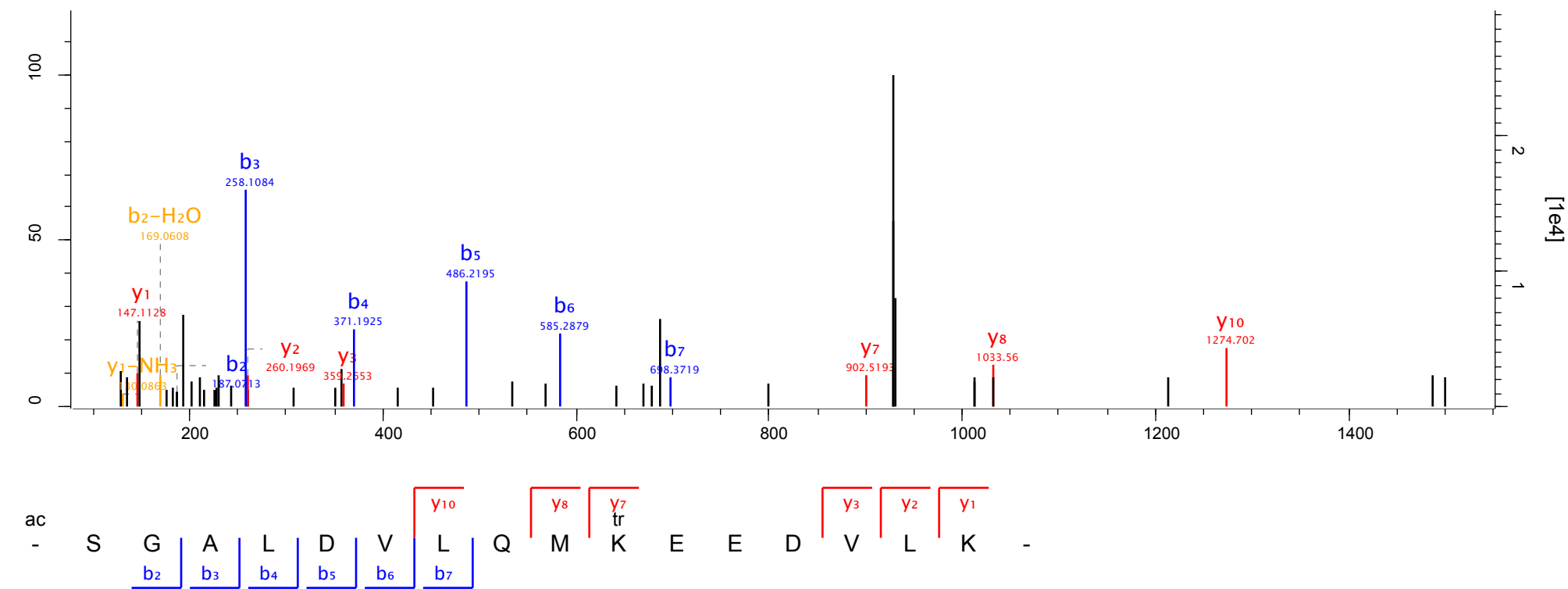
40.86

m/z

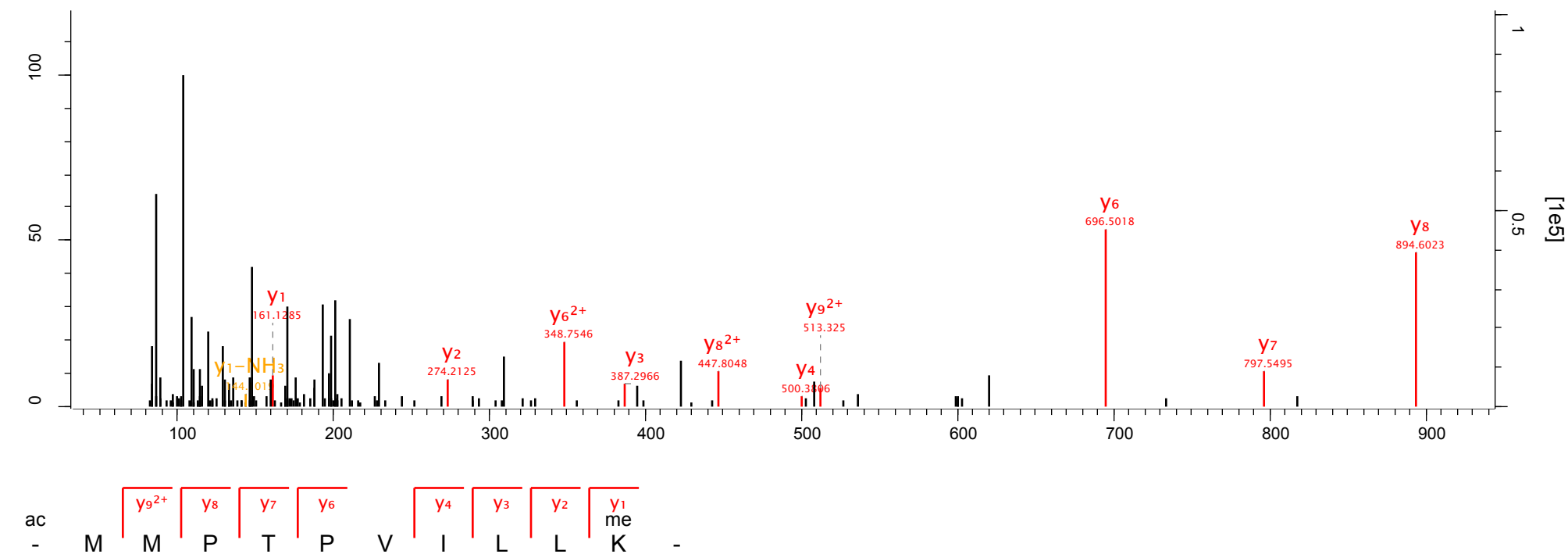
930.49

Gene names

RPSA;RPSAP58



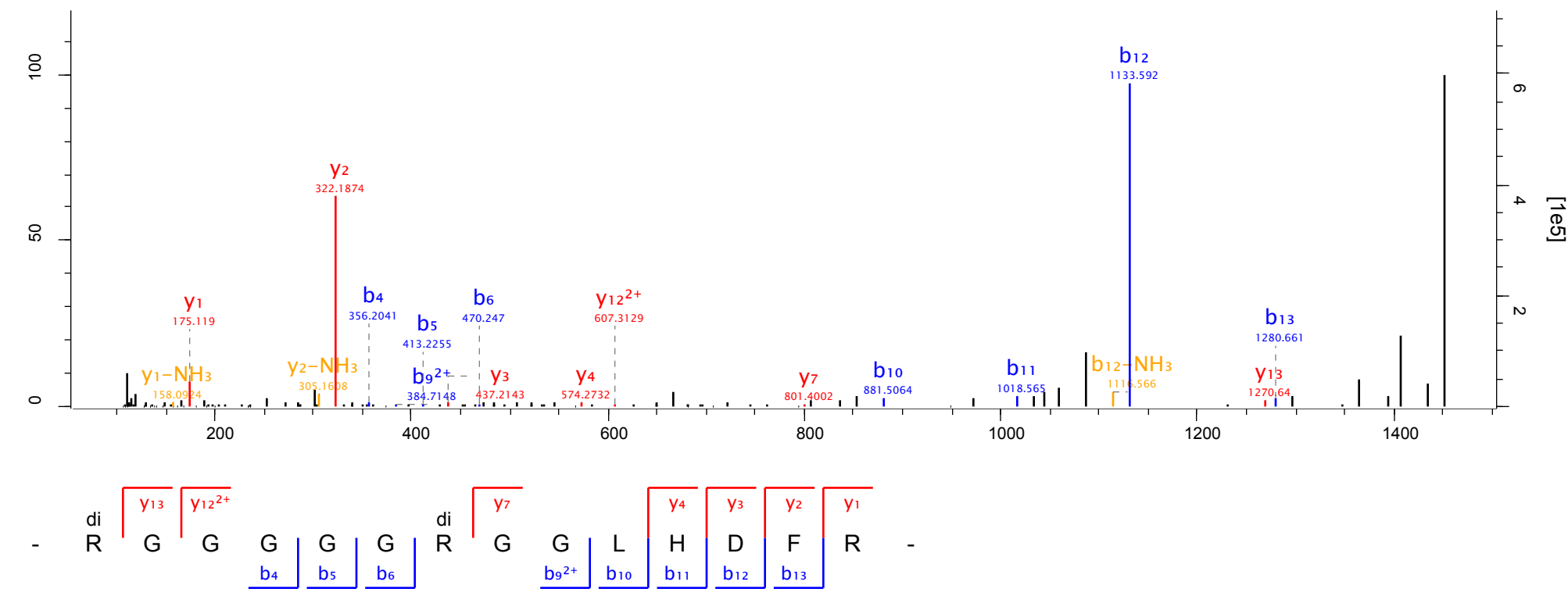
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_500mM	15289	FTMS; HCD	42.34	600.31	CCT7



Raw file

Zhibin_20150831_MDAOPA_SCX_750mM

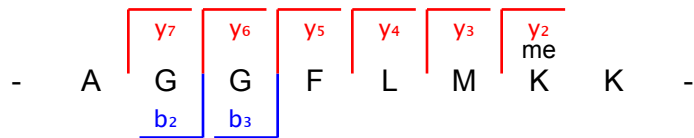
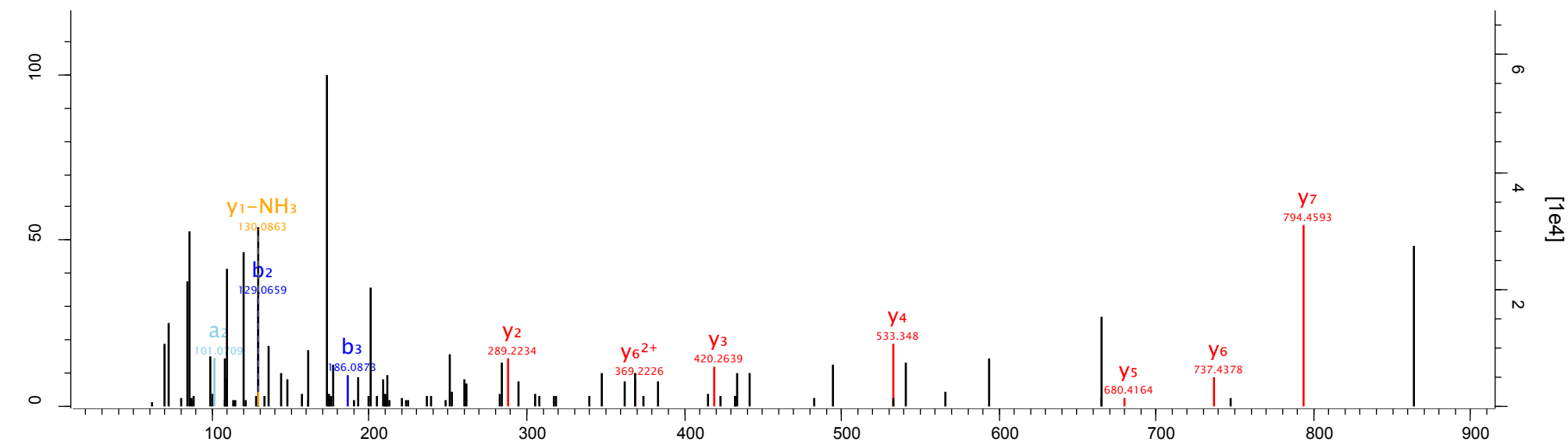
Scan	Method	Score	m/z	Gene names
3899	FTMS; HCD	66.22	485.6	SFPQ



Raw file

Scan	Method	Score	m/z	Gene names
4665	FTMS; HCD	48.56	433.25	PGK1

Zhibin_20150831_MDAOPA_SCX_750mM



Raw file

Zhibin_20150831_MDAOPA_SCX_750mM

Scan

4683

Method

FTMS; HCD

Score

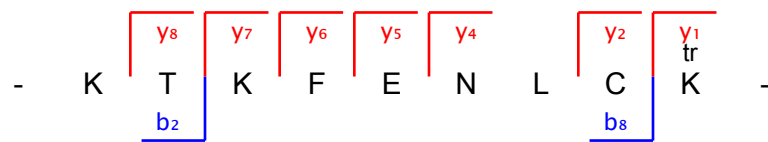
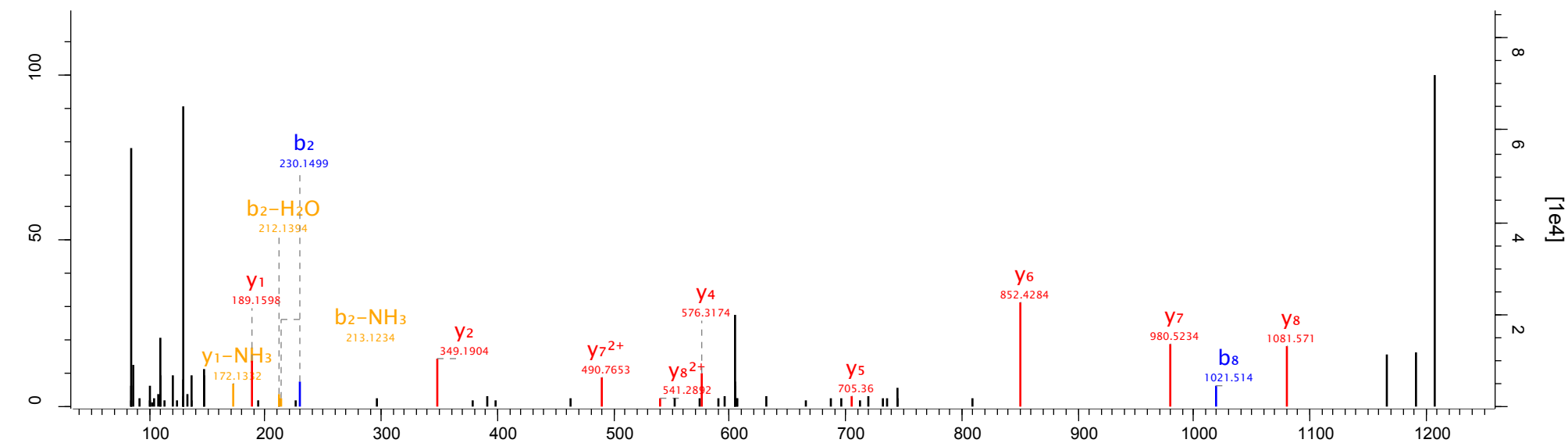
90.15

m/z

605.84

Gene names

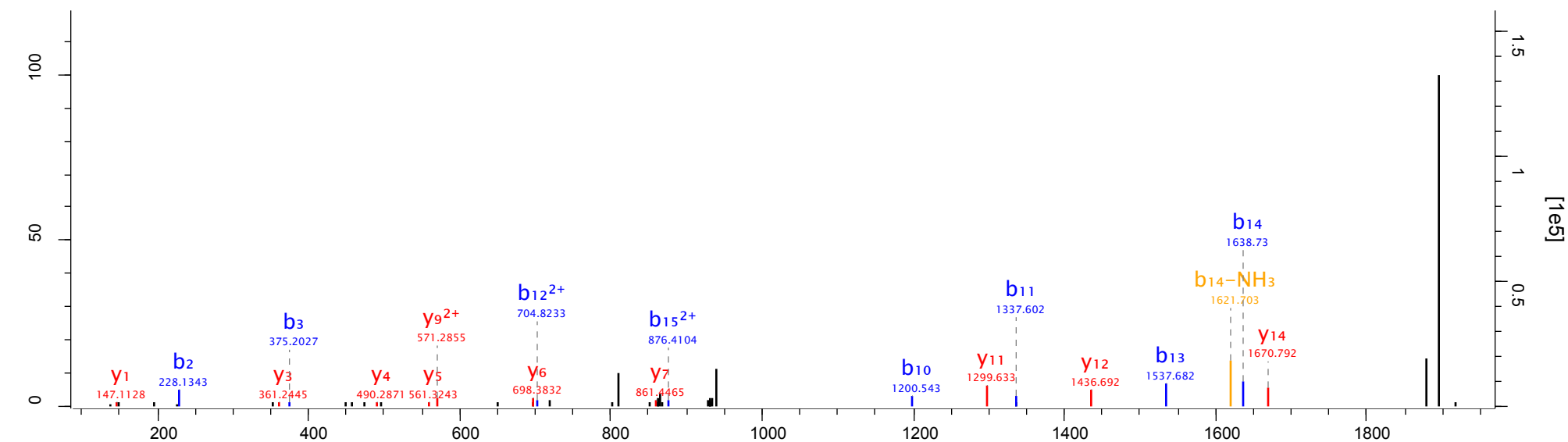
HSP90AA1;HSP90AA5P



Raw file

Scan	Method	Score	m/z	Gene names
4695	FTMS; HCD	74.43	949.97	PKM

Zhibin_20150831_MDAOPA_SCX_750mM



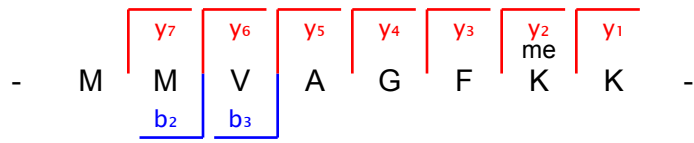
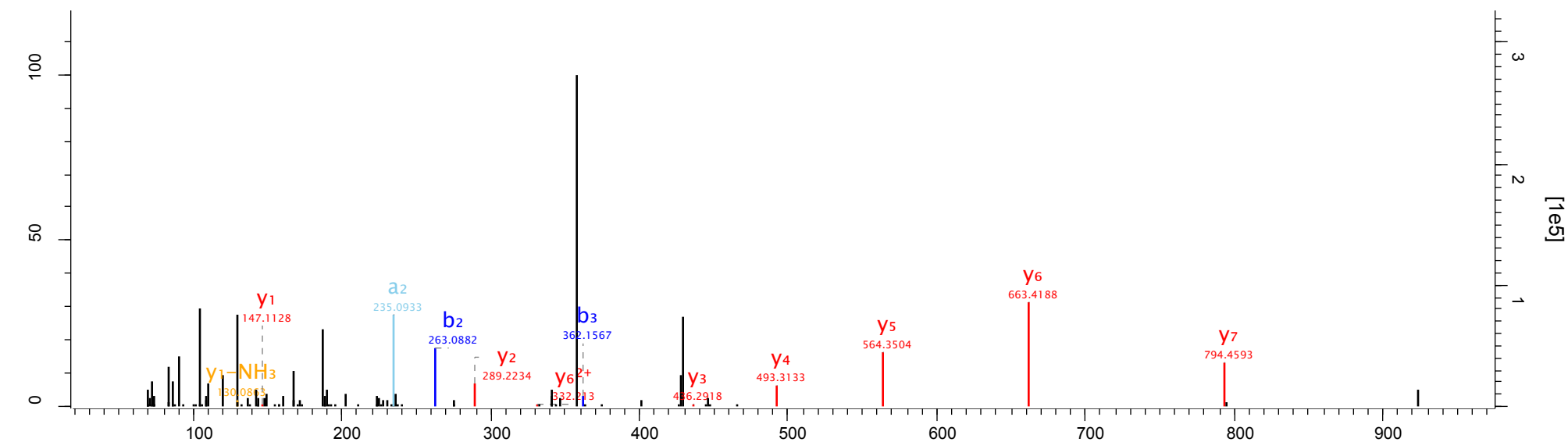
- L N F S H G T H E Y H A E T I K -

Peptide sequence: LNFSGTH EYHAE TI K

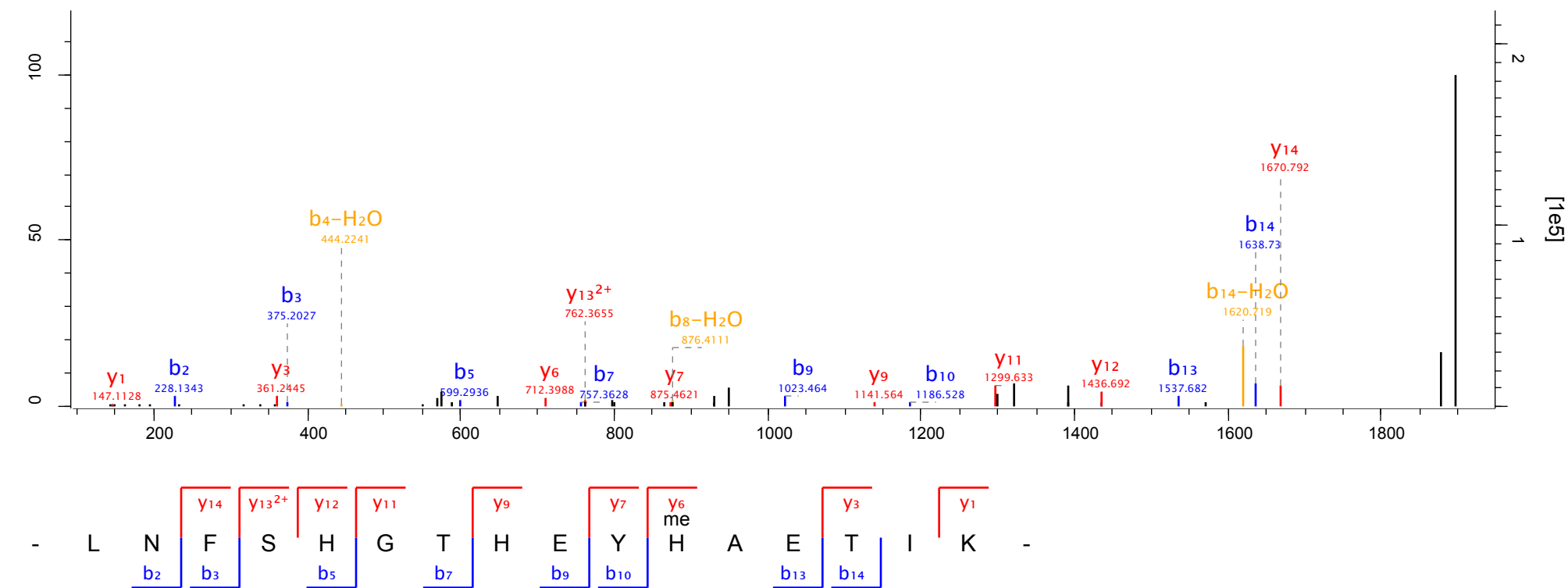
Fragmentation sites (b-ions in blue, y-ions in red):

- b2 (N-F)
- b3 (F-S)
- y14 (F-S)
- y12 (H-G)
- y11 (G-T)
- y9²⁺ me (T-H)
- b10 (Y-H)
- b11 (H-A)
- b12²⁺ (A-E)
- b13 (E-T)
- b14 (T-I)
- b15²⁺ (I-K)
- y1 (I-K)

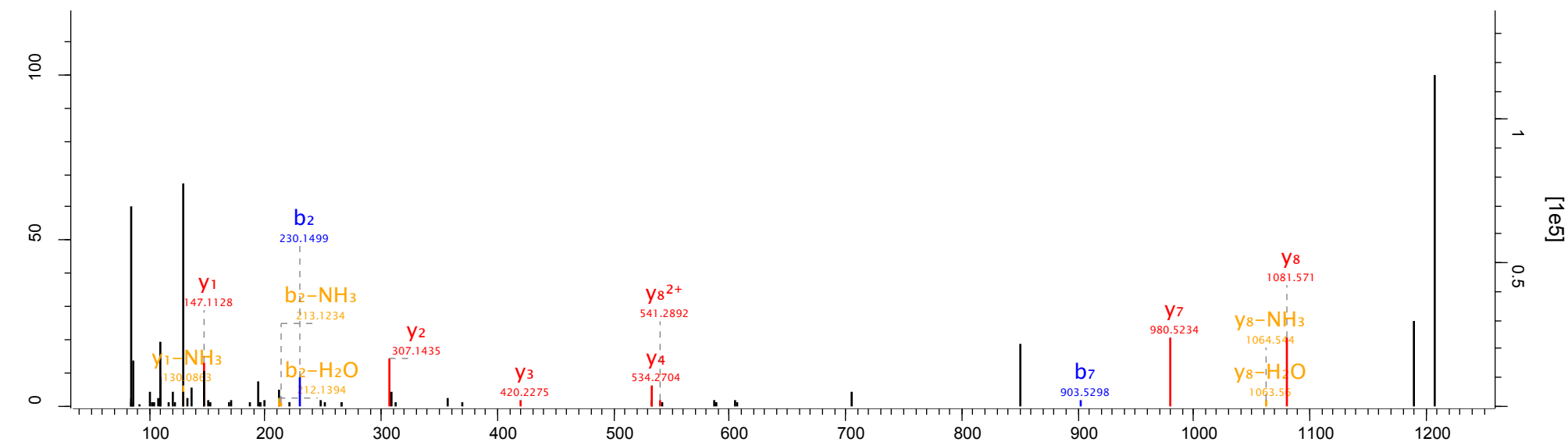
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	4828	FTMS; HCD	47.08	463.25	HNRNPU



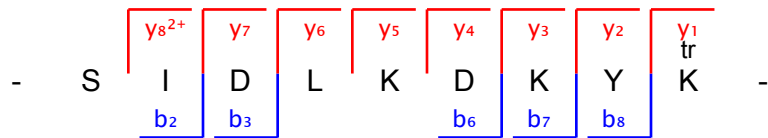
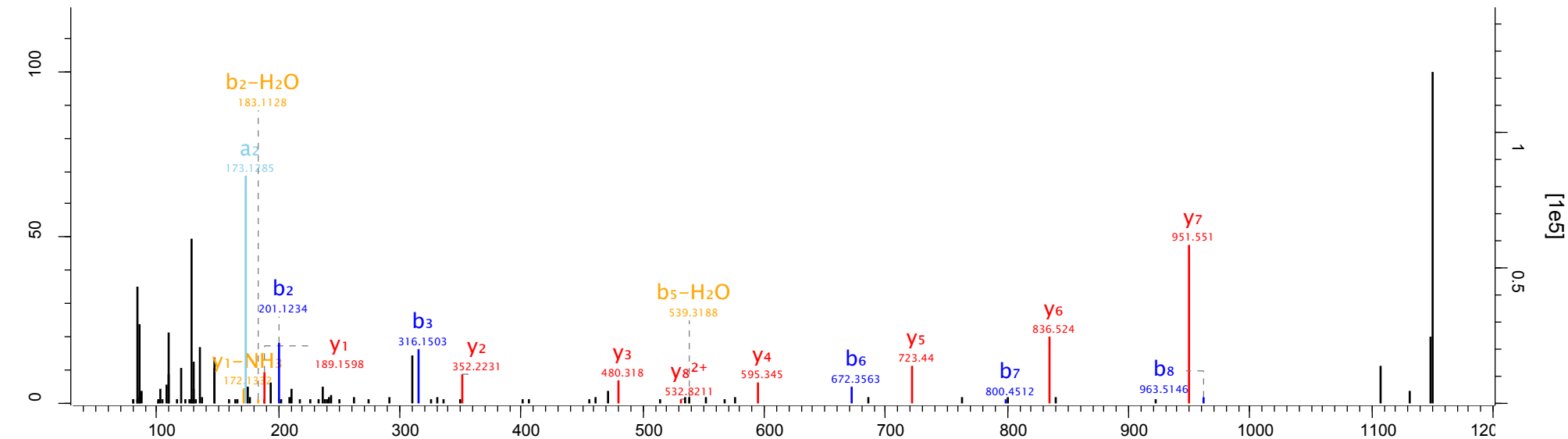
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	4878	FTMS; HCD	80.36	949.97	PKM



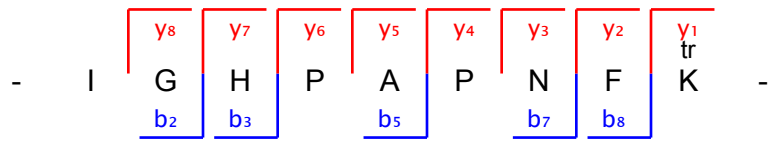
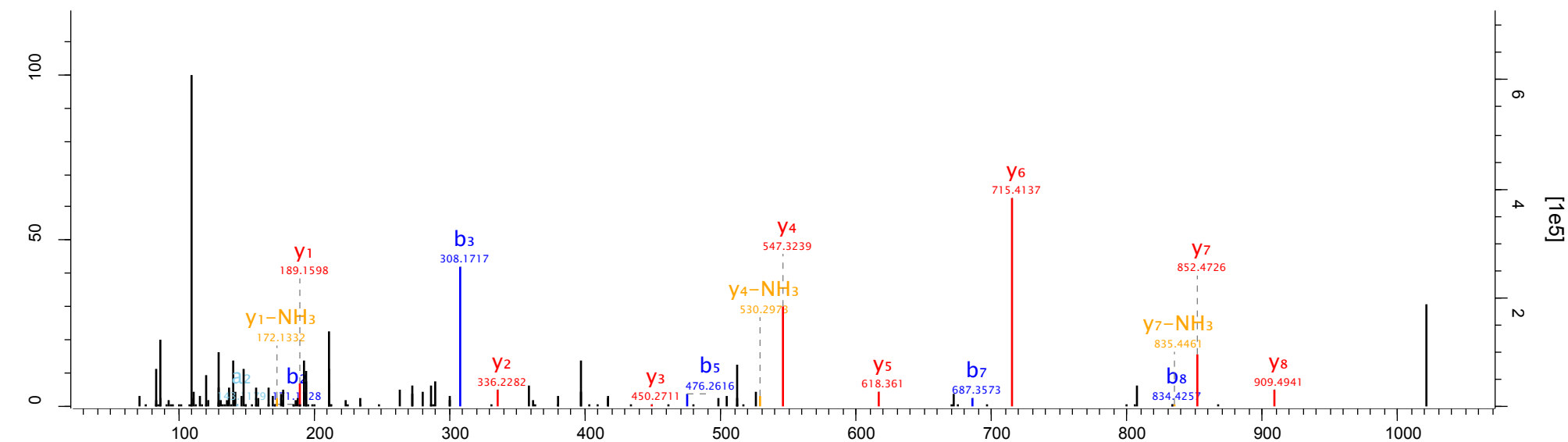
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	5162	FTMS; HCD	70.06	605.34	HSP90AA1;HSP90AA5P



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	5624	FTMS; HCD	73.5	576.34	HSPD1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	6038	FTMS; HCD	88.82	511.79	PRDX1



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_750mM

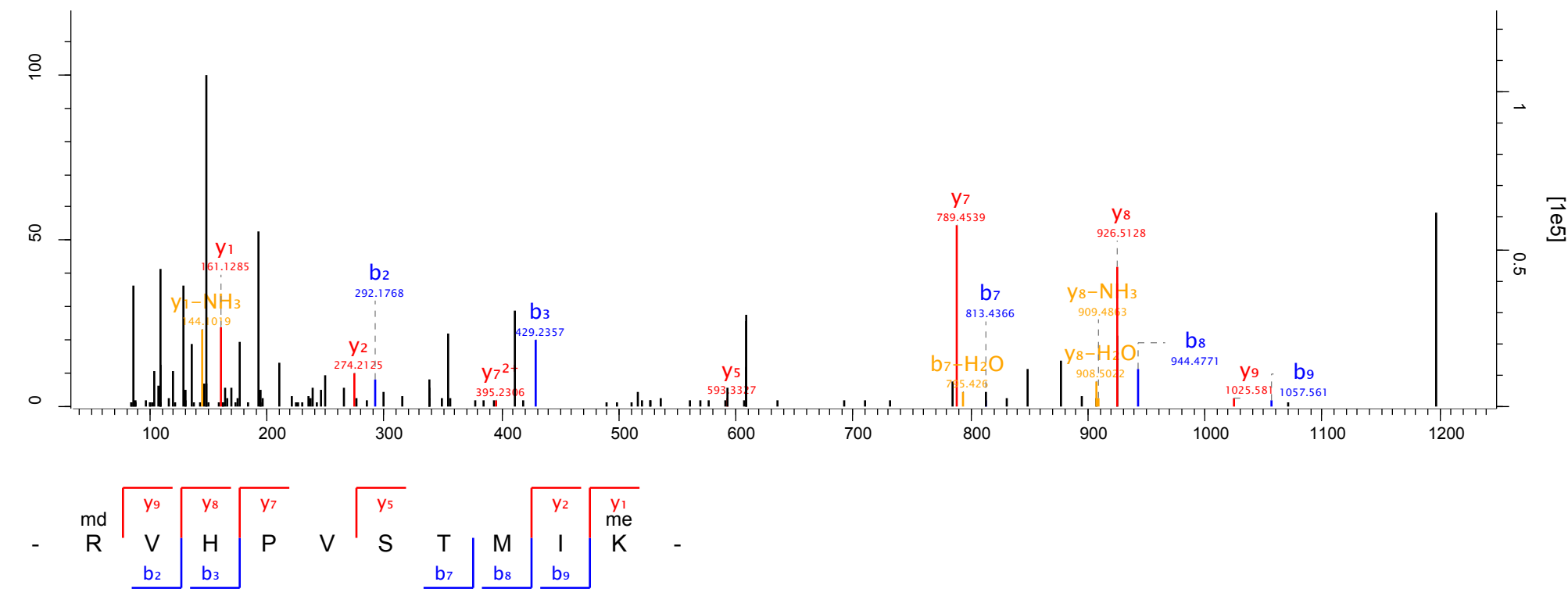
6110

FTMS; HCD

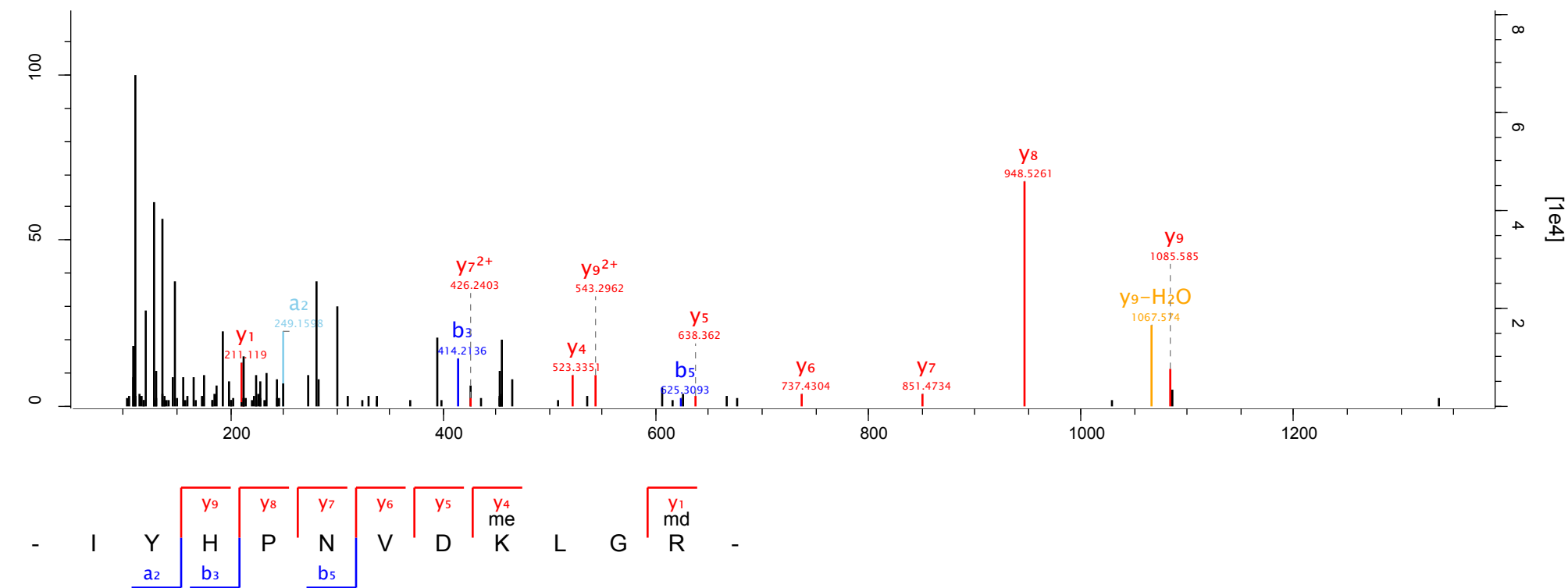
68.13

609.35

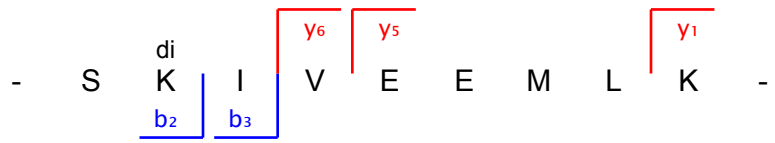
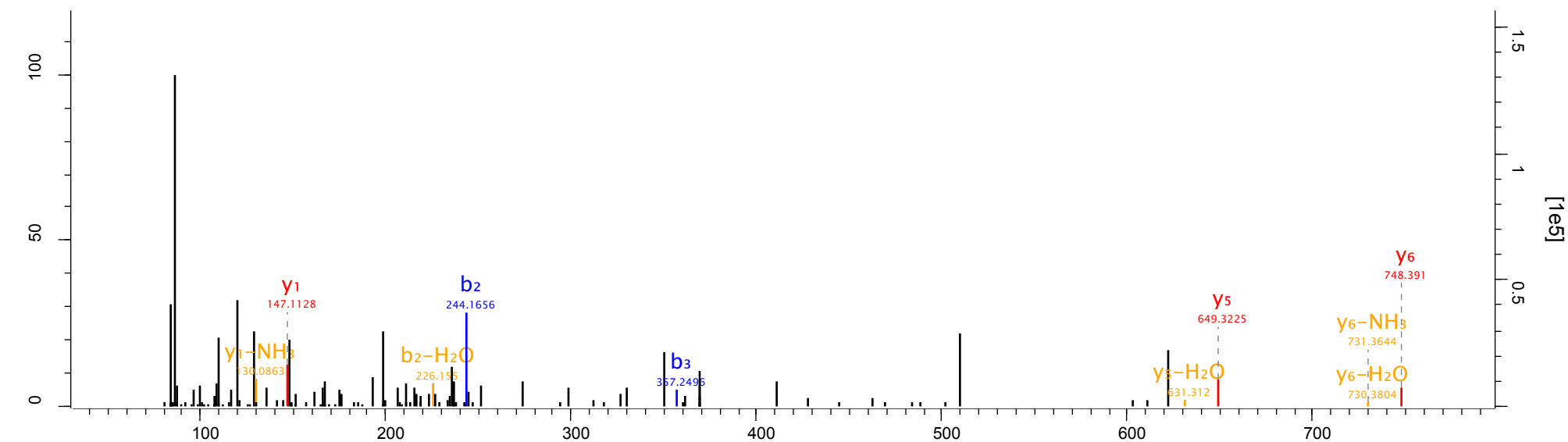
LDHA



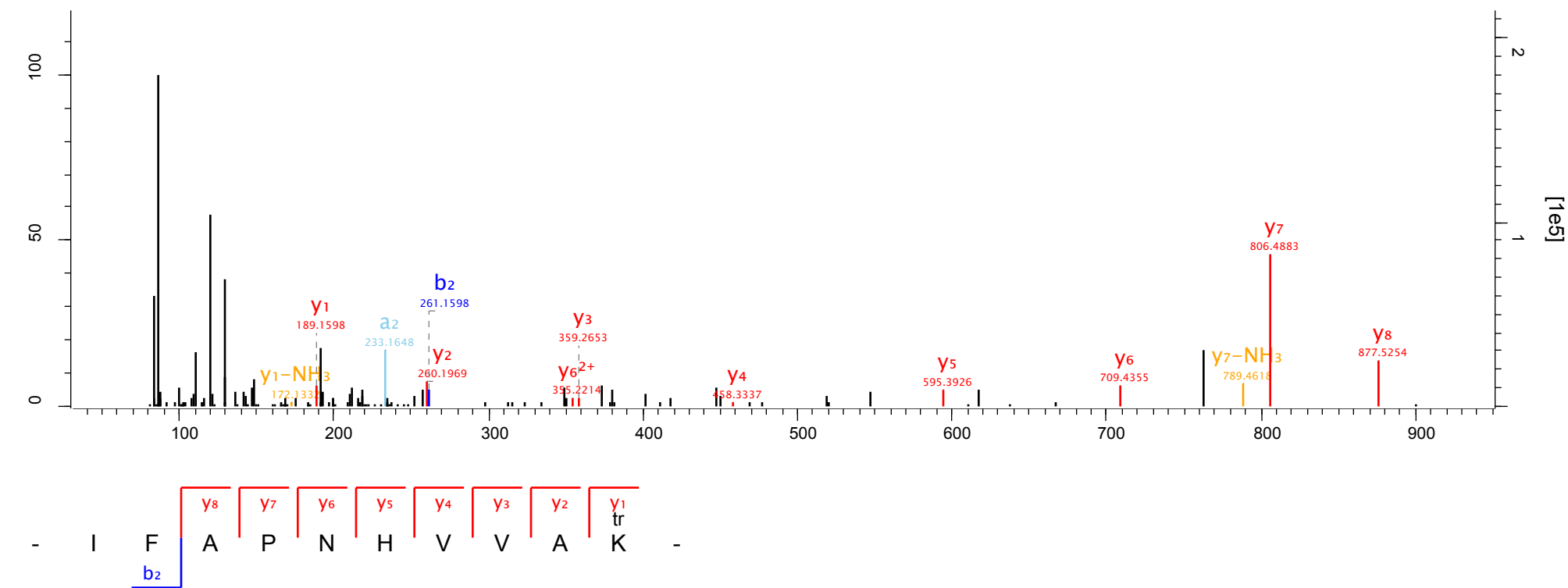
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	6237	FTMS; HCD	52.39	454.92	UBE2N



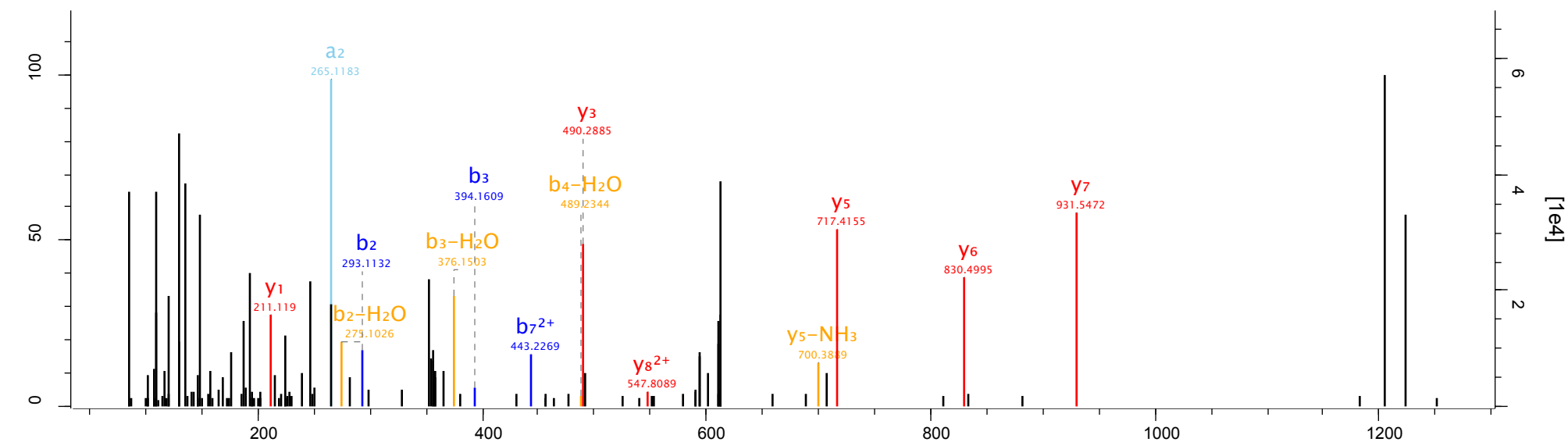
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	6306	FTMS; HCD	40.06	368.88	KIF15



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	6336	FTMS; HCD	51.53	380.23	RPL18A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	6377	FTMS; HCD	61.58	612.33	RPL31

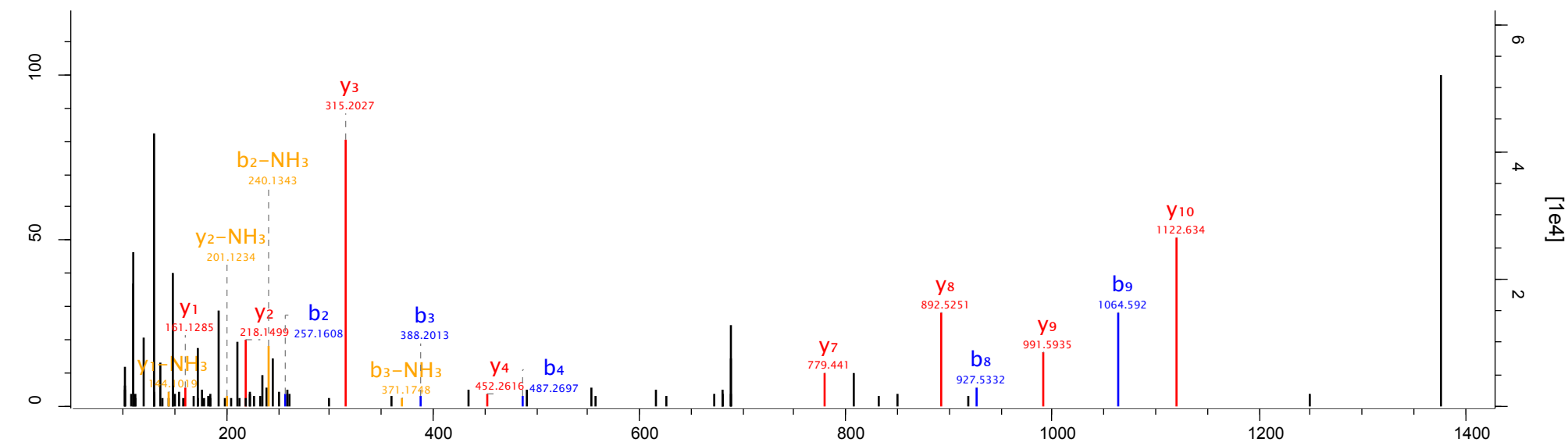


- E Y T I N I K R -

Peptide sequence: E Y T I N I K R

Modifications: y₈²⁺, y₇, y₆, y₅, y₃ me, y₁ md, b₂, b₃, b₇²⁺

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	6645	FTMS; HCD	60.16	689.9	RPS24



Raw file

Scan Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_750mM

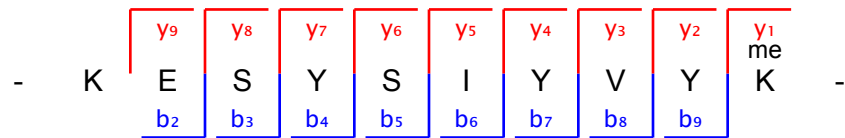
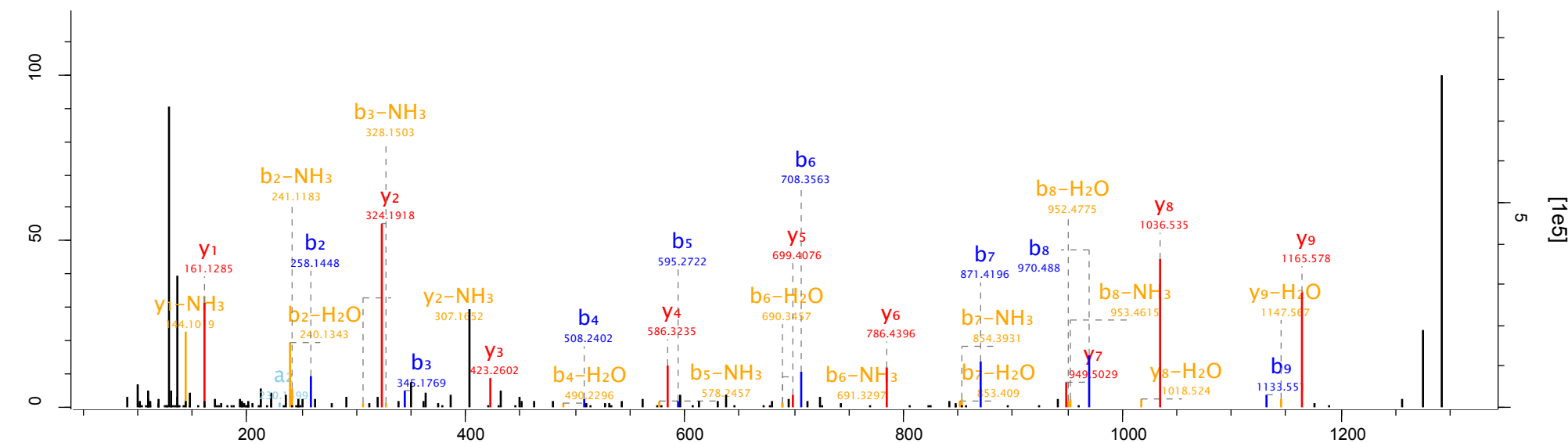
6655

FTMS; HCD

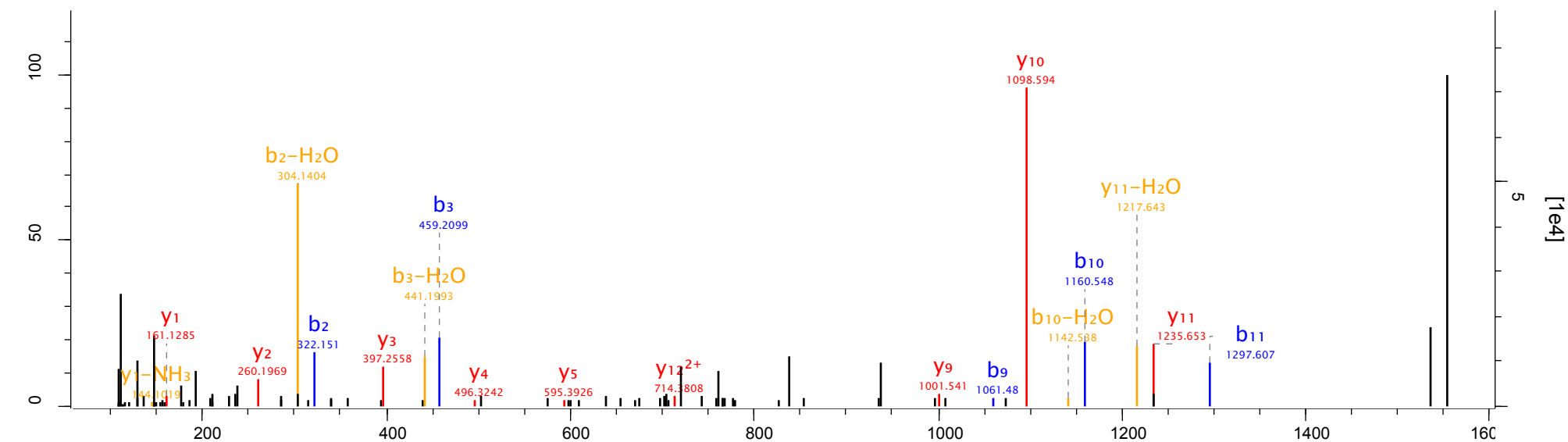
174.24

647.34

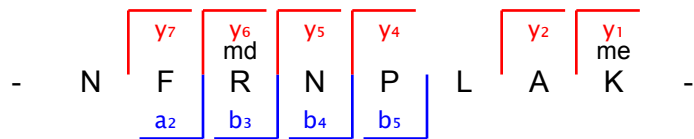
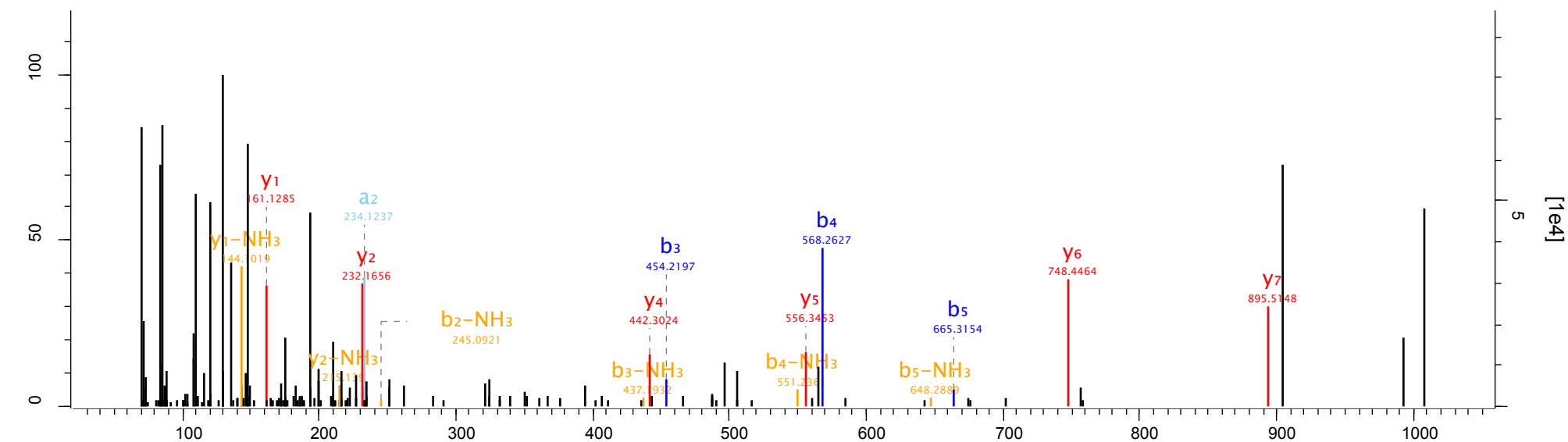
HIST2H2BE; HIST1H2BB; HIST1H2BO; HIST2H2BD; HIST2H2BC; HIST1H2BJ; HIST3H2BB



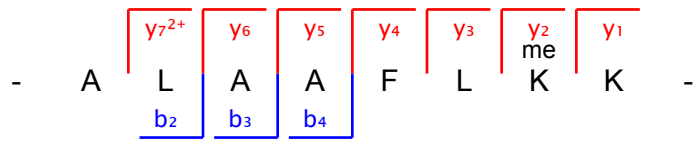
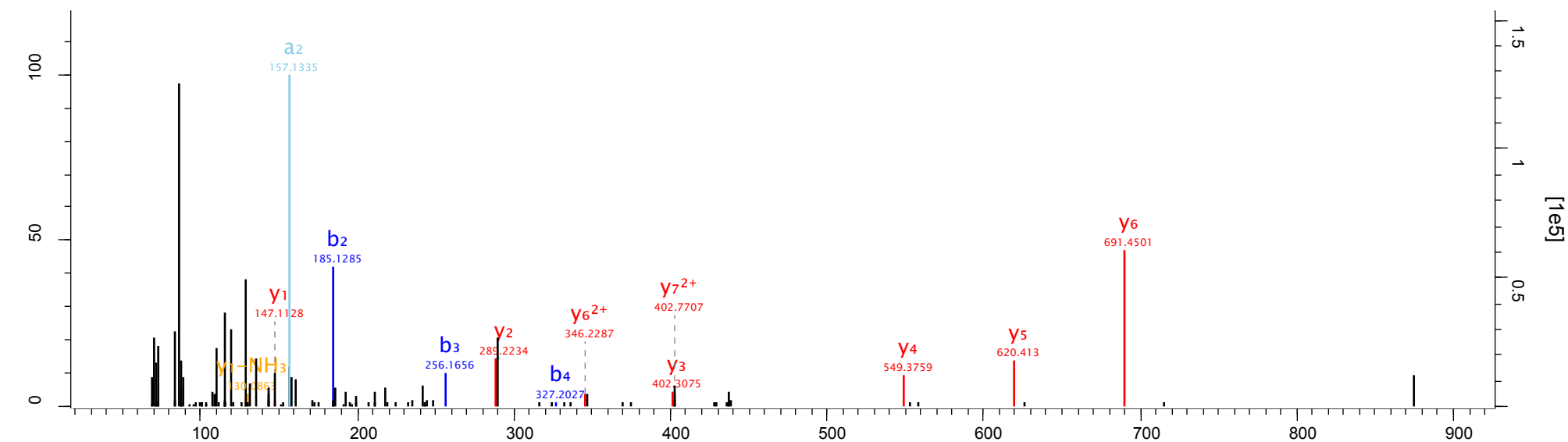
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	6780	FTMS; HCD	85.54	778.9	RPS4X;RPS4Y1



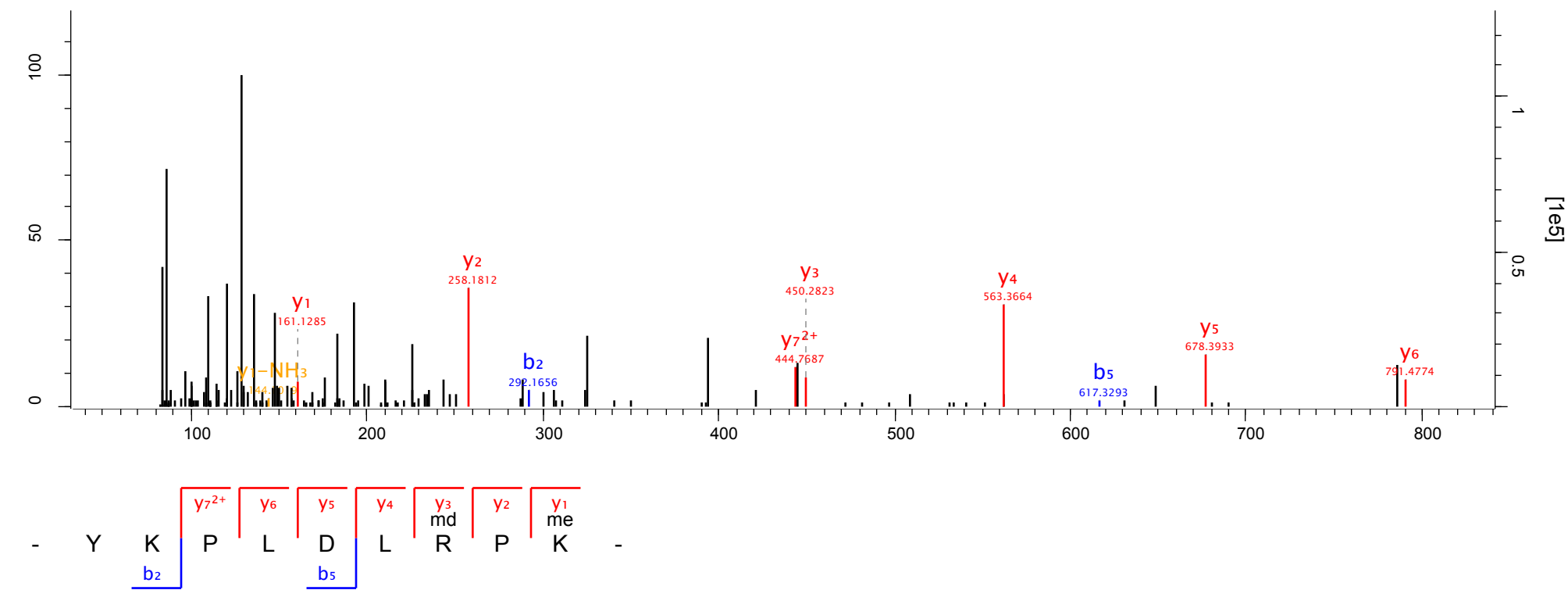
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	6833	FTMS; HCD	85.21	505.28	ENO1



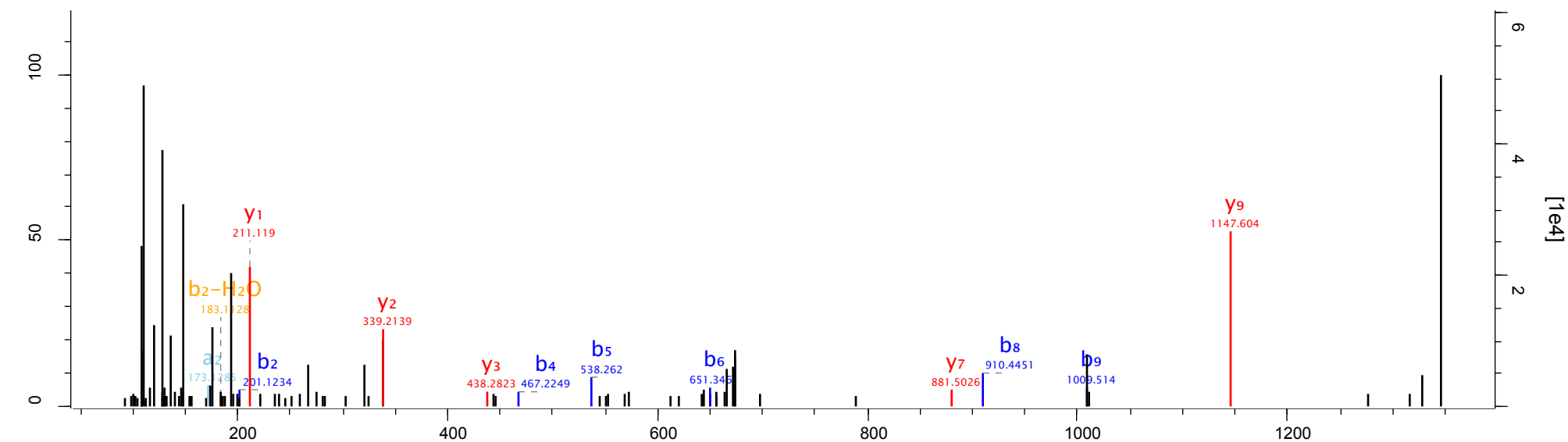
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	6858	FTMS; HCD	81.78	438.29	RPS19



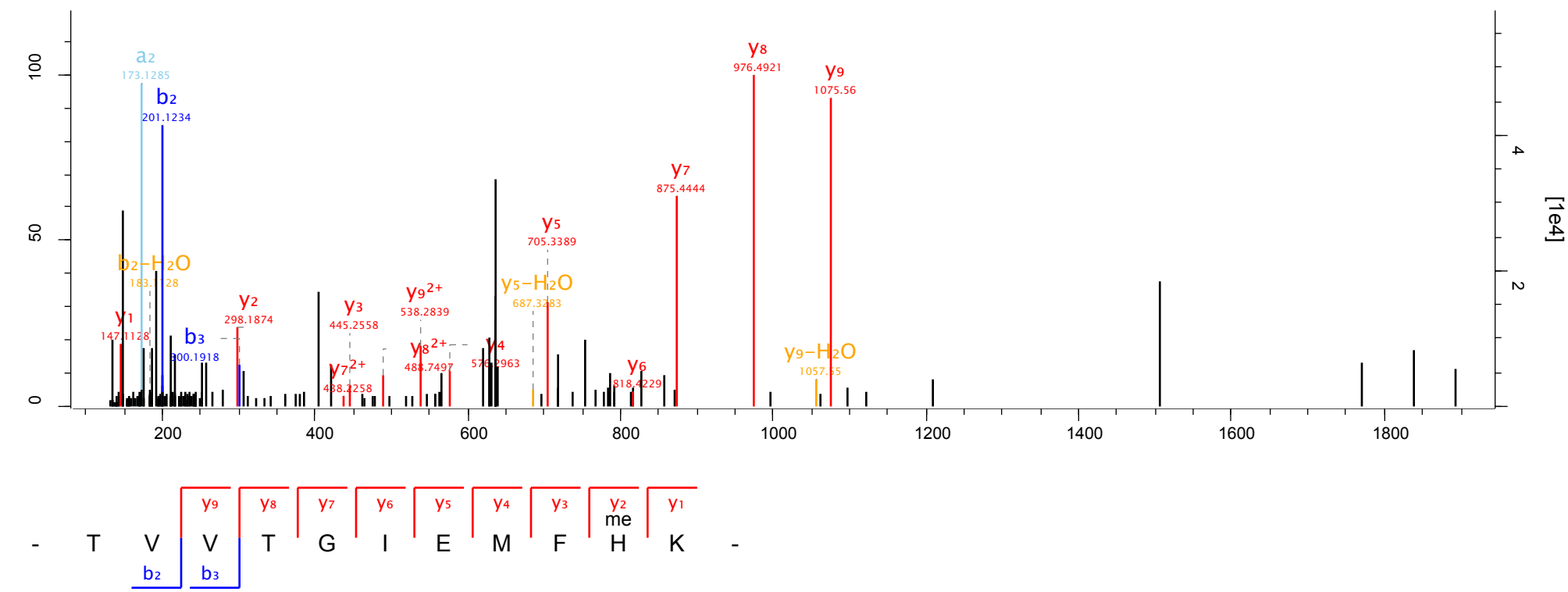
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	6985	FTMS; HCD	44.32	393.9	RPL35



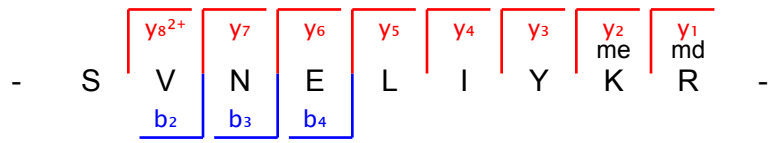
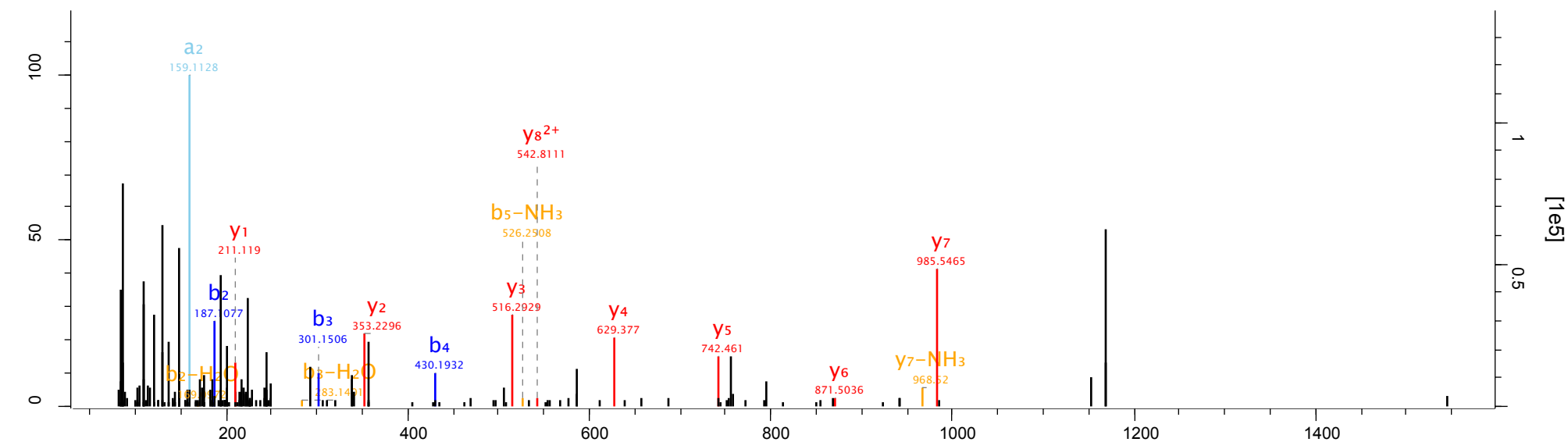
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	7335	FTMS; HCD	62.47	674.36	TCP1



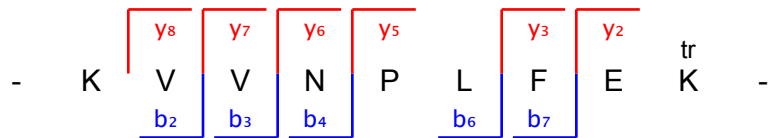
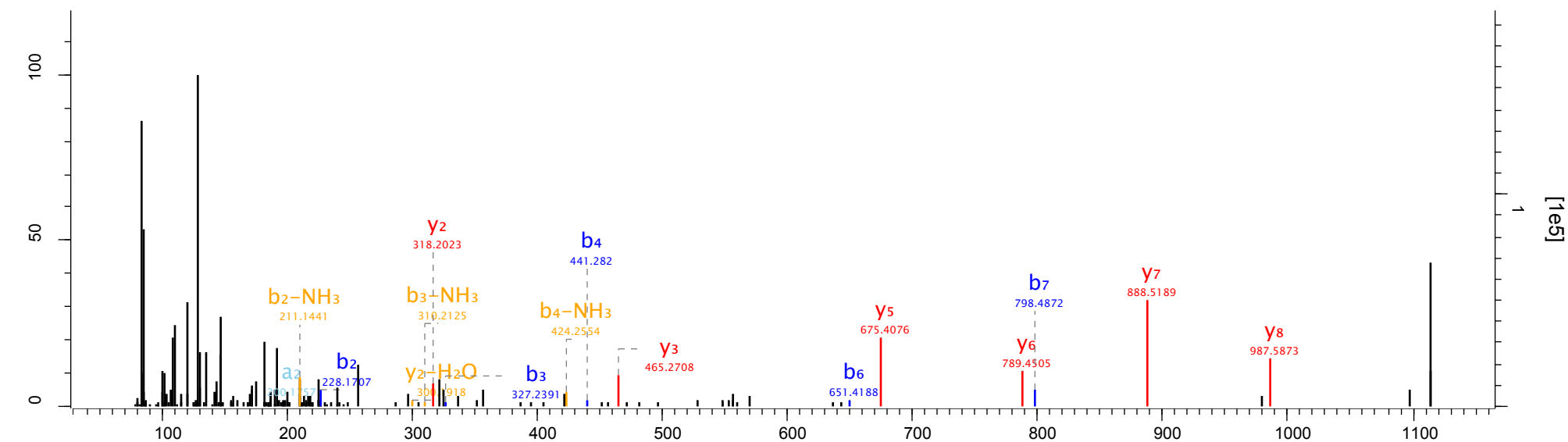
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	7994	FTMS; HCD	67.38	638	TUFM



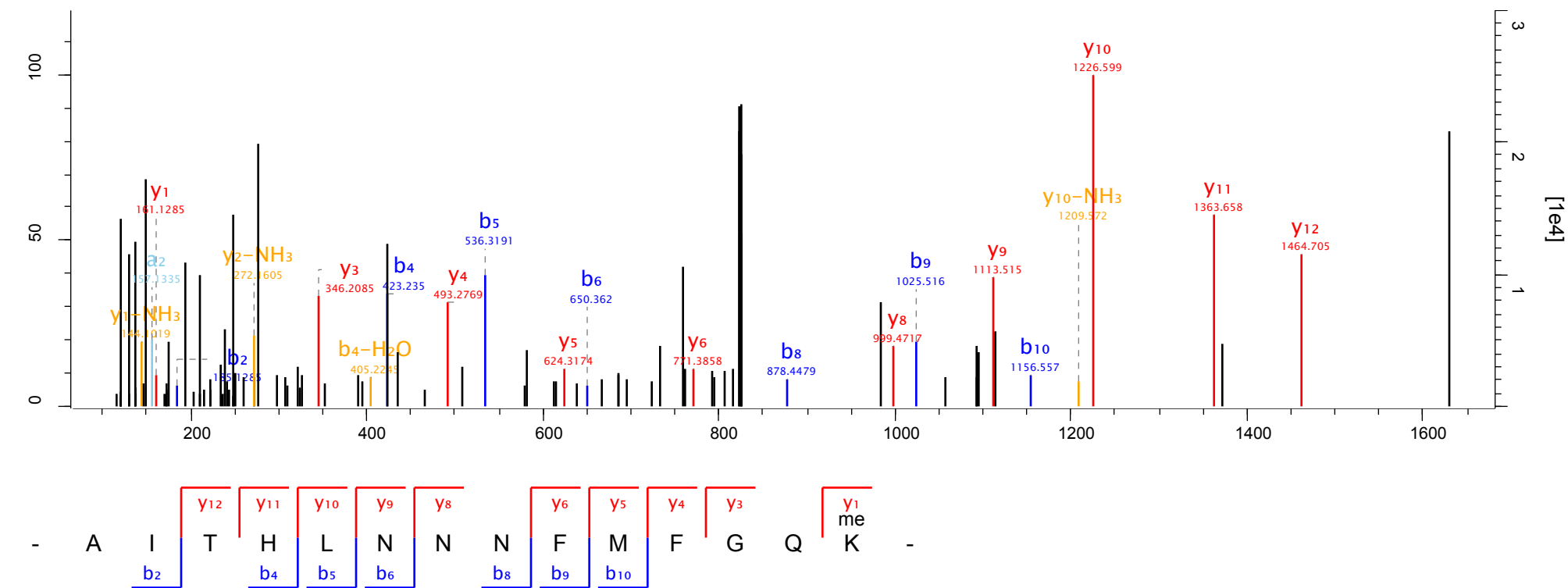
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Zhibin_20150831_MDAOPA_SCX_750mM	8155	FTMS; HCD	70.91	586.33	RPL7



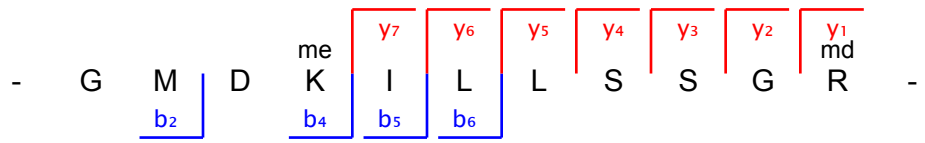
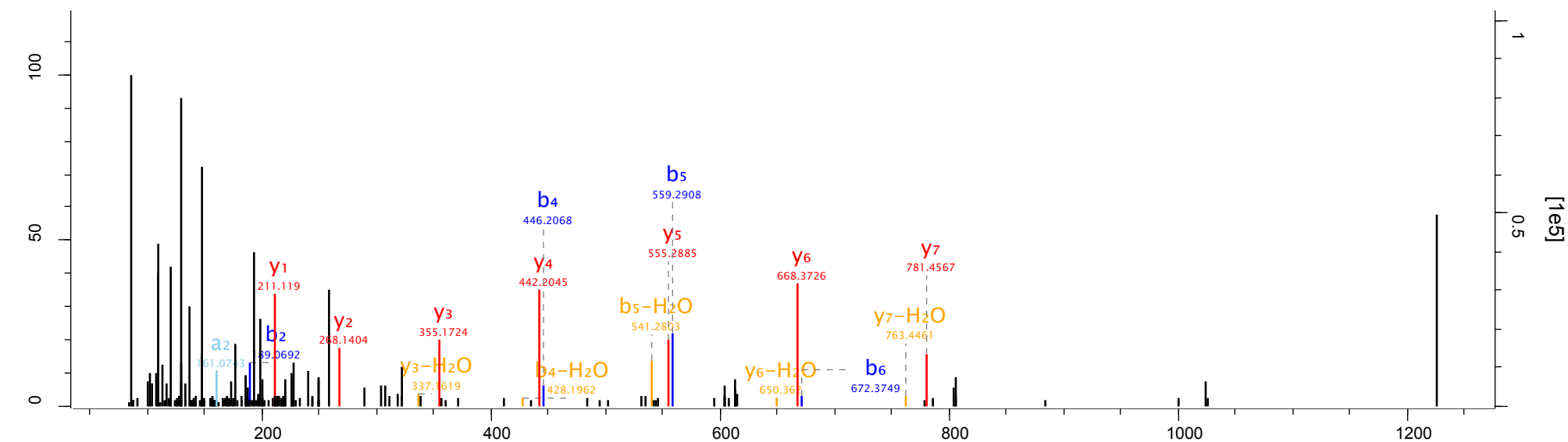
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	8585	FTMS; HCD	66.06	558.34	RPL7A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	8624	FTMS; HCD	68.04	825.42	HNRNPL



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	8911	FTMS; HCD	71.15	613.83	CCT2



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_750mM

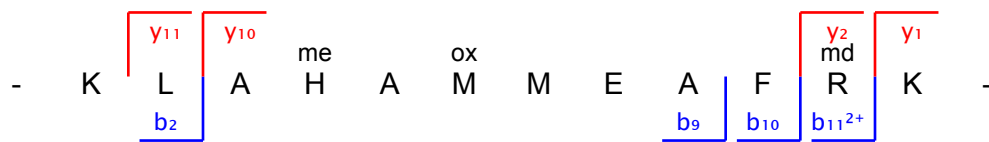
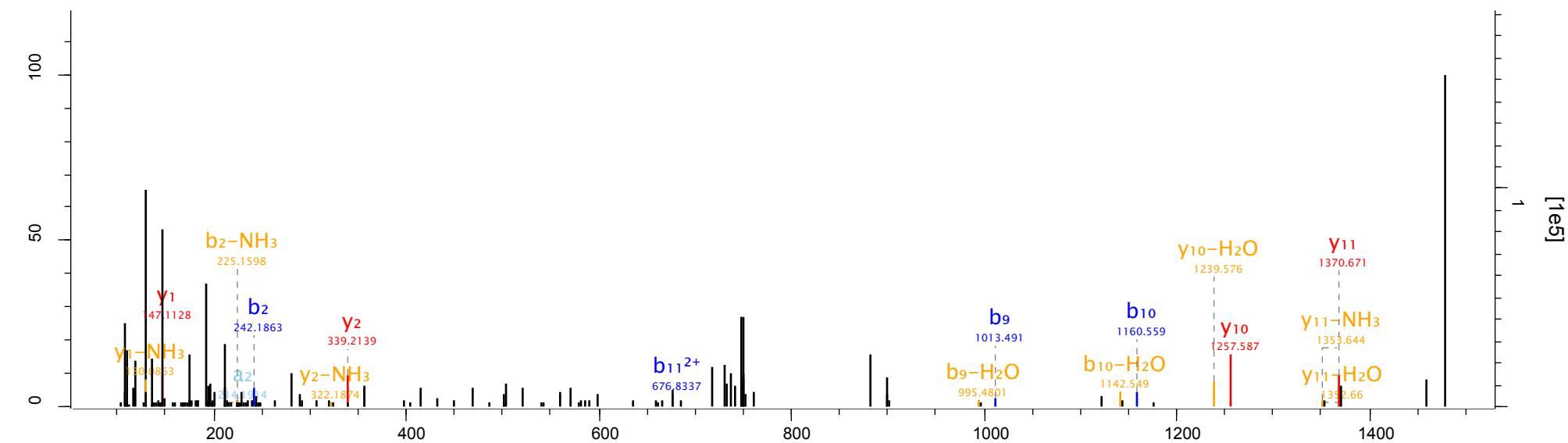
9032

FTMS; HCD

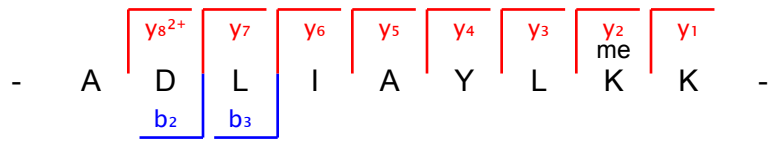
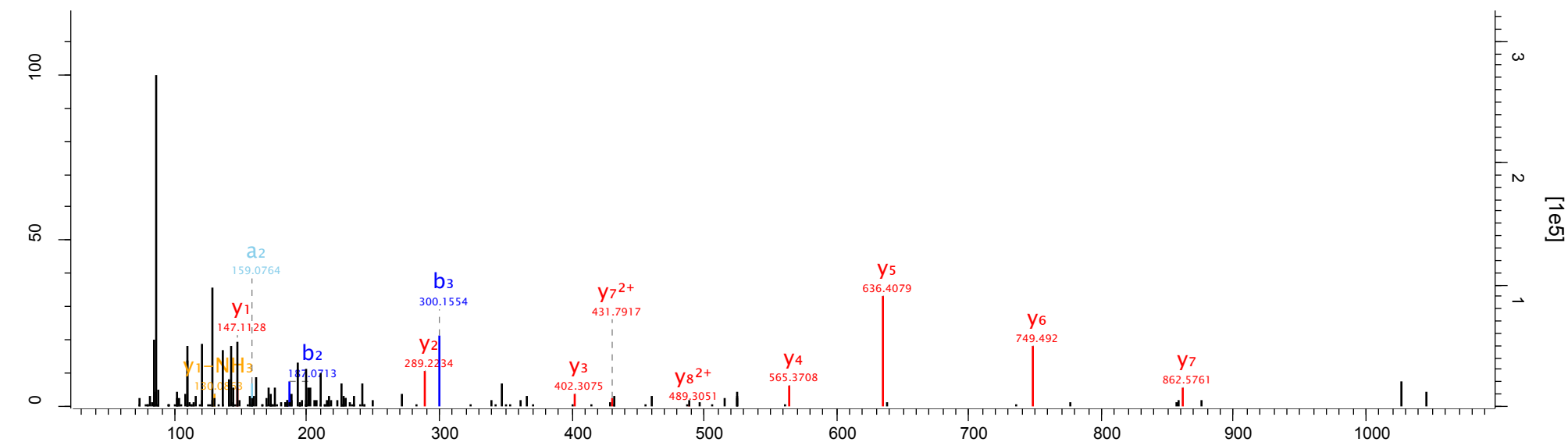
56.09

750.39

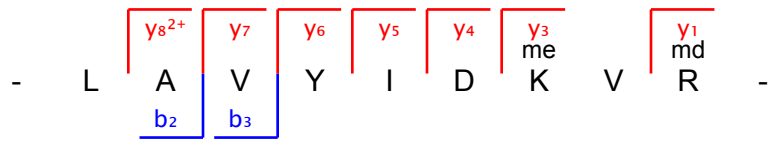
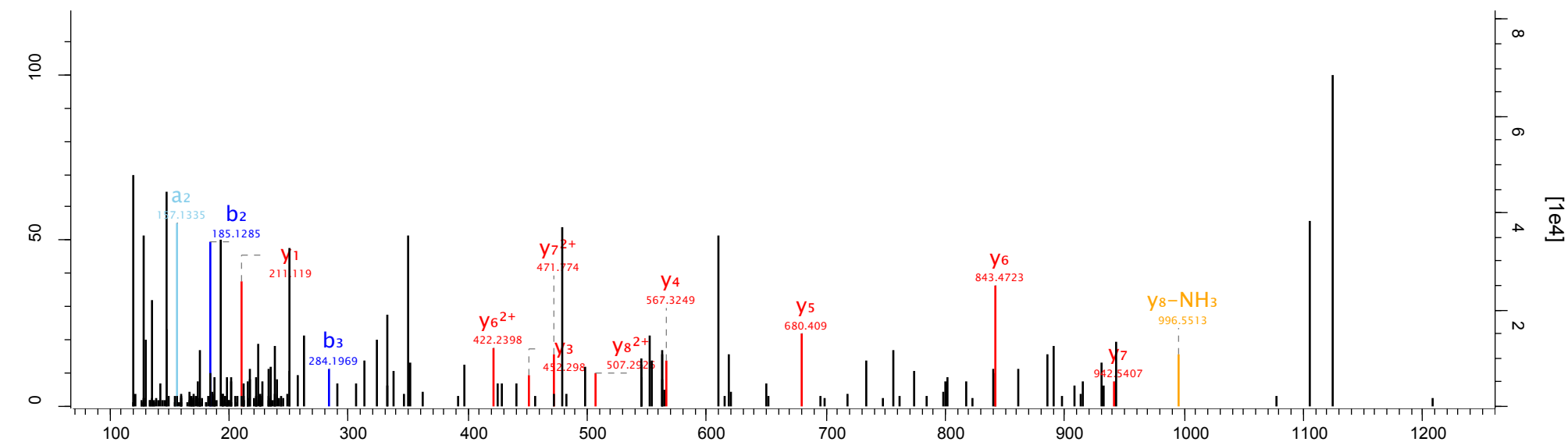
PID1



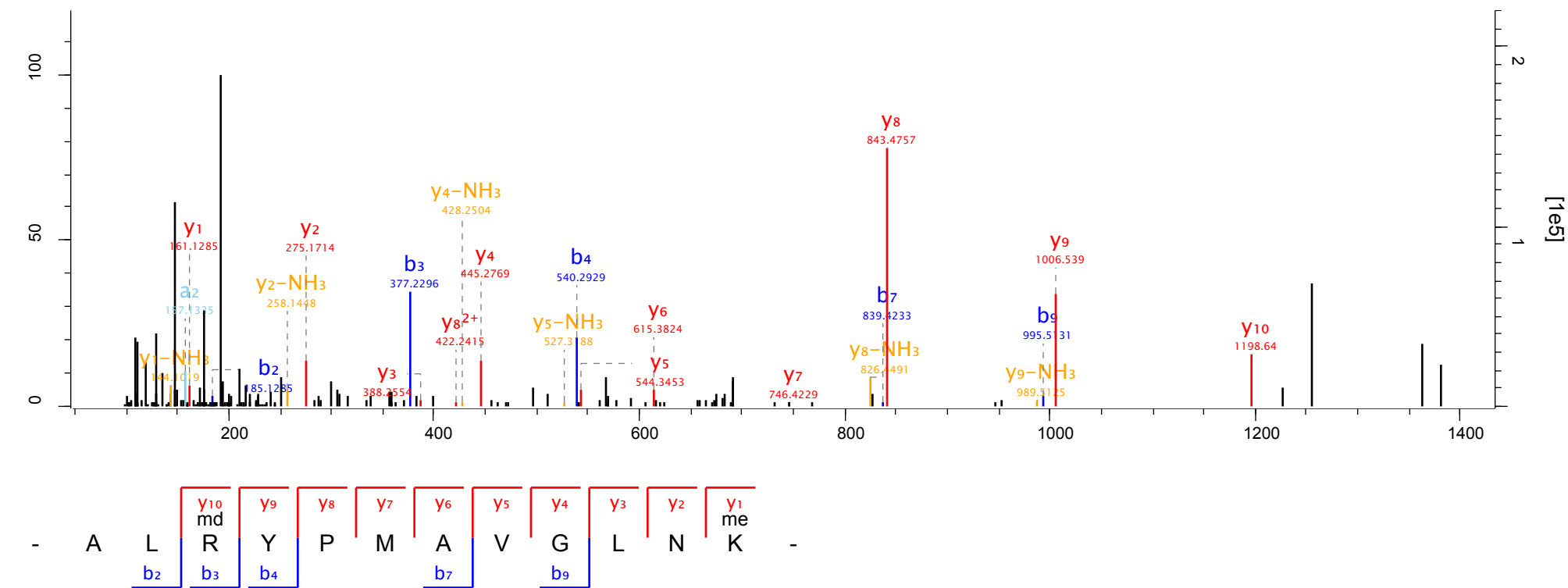
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	9043	FTMS; HCD	56.26	524.82	CYCS



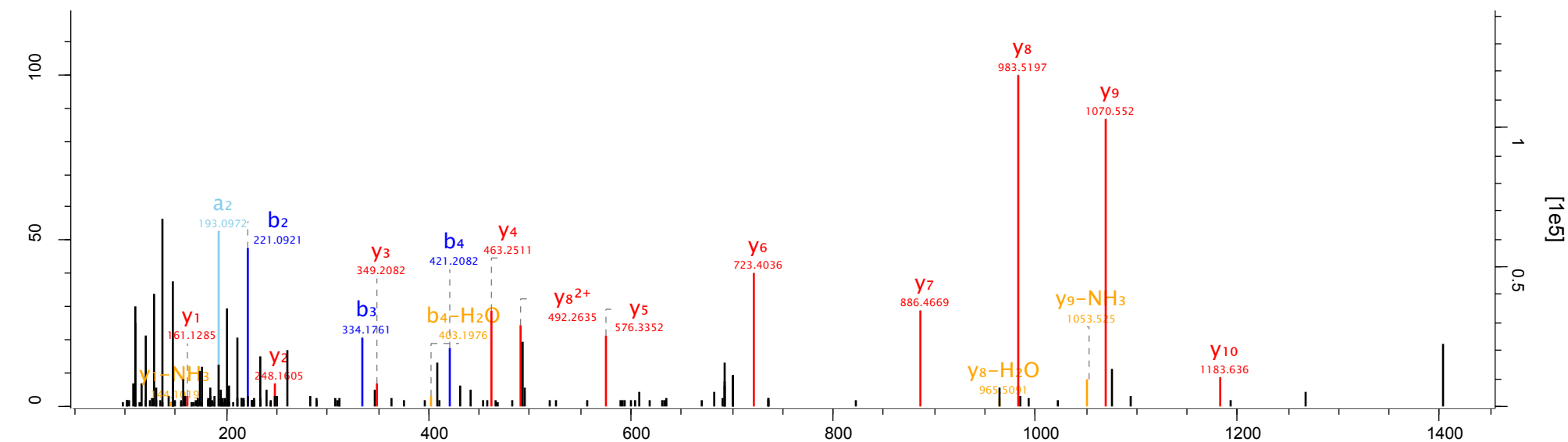
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	9349	FTMS; HCD	49.44	563.61	LMNB1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	9414	FTMS; HCD	81.92	691.89	RPL36



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	9737	FTMS; HCD	77.18	702.37	HSPD1



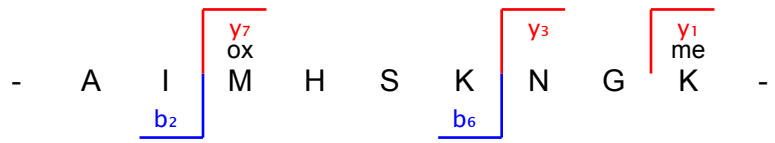
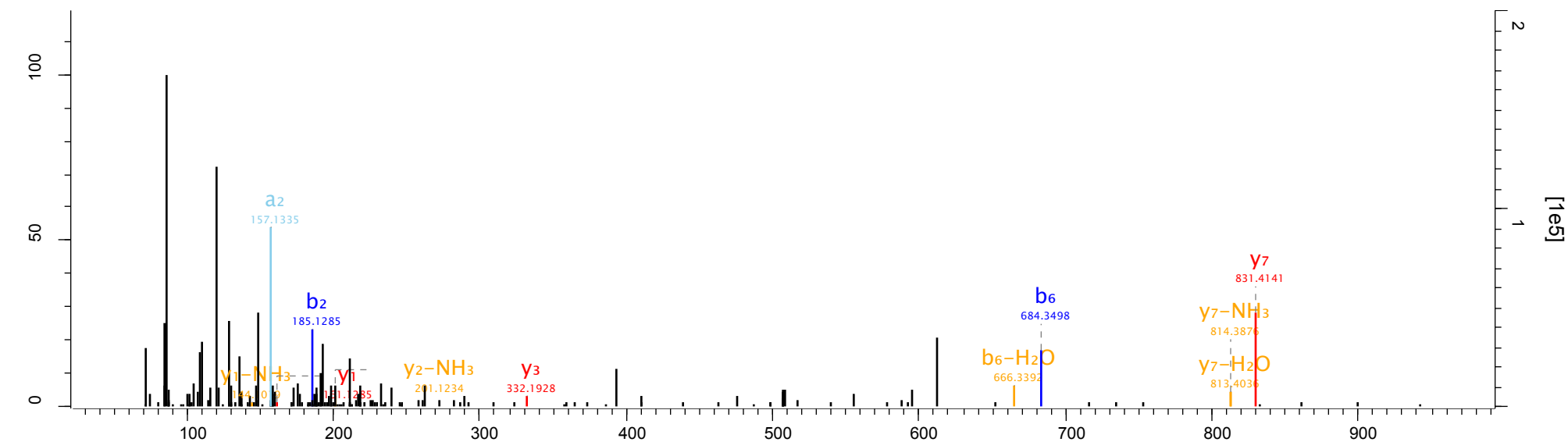
- G Y I S P Y F I N T S K -

Peptide sequence: G Y I S P Y F I N T S K

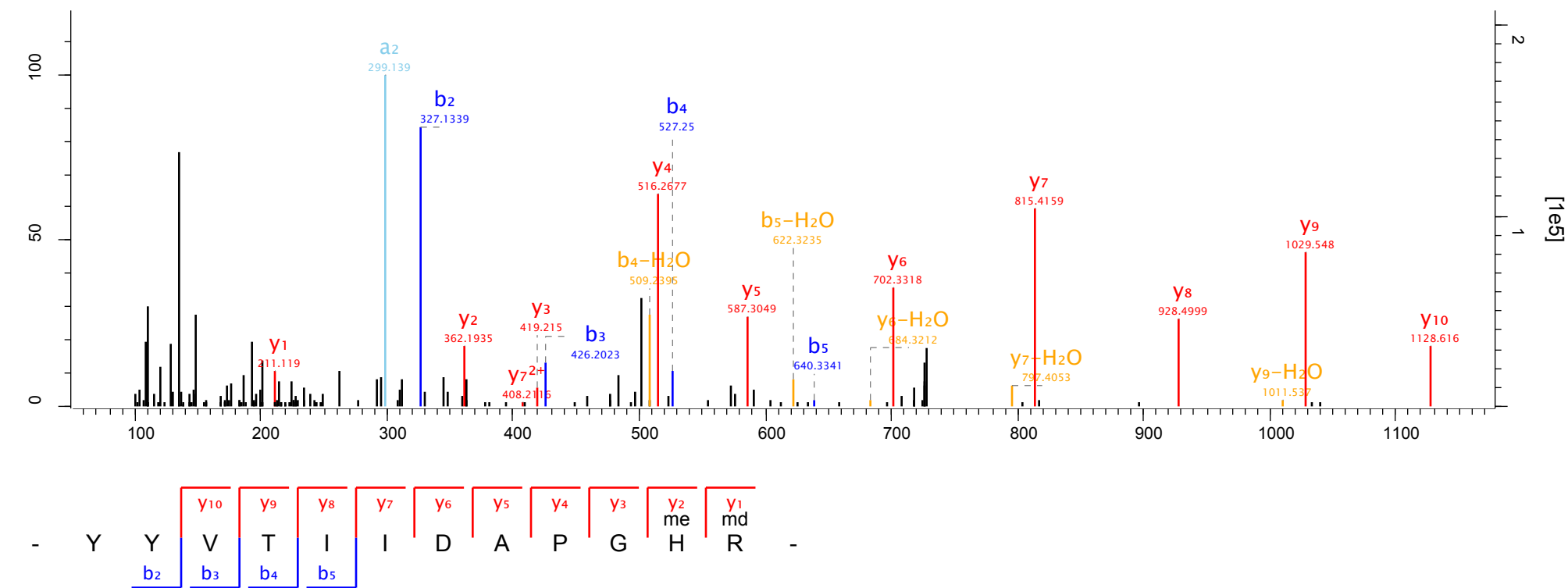
Fragmentation sites (b and y ions):

- b2 (between Y and I)
- b3 (between I and S)
- b4 (between S and P)
- y1 (between K and S)
- y2 (between S and T)
- y3 (between T and N)
- y4 (between N and I)
- y5 (between I and F)
- y6 (between F and Y)
- y7 (between Y and P)
- y8 (between P and S)
- y9 (between S and I)
- y10 (between I and Y)

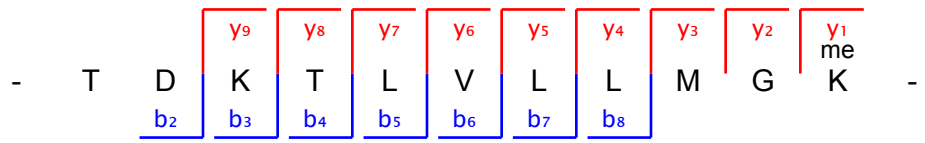
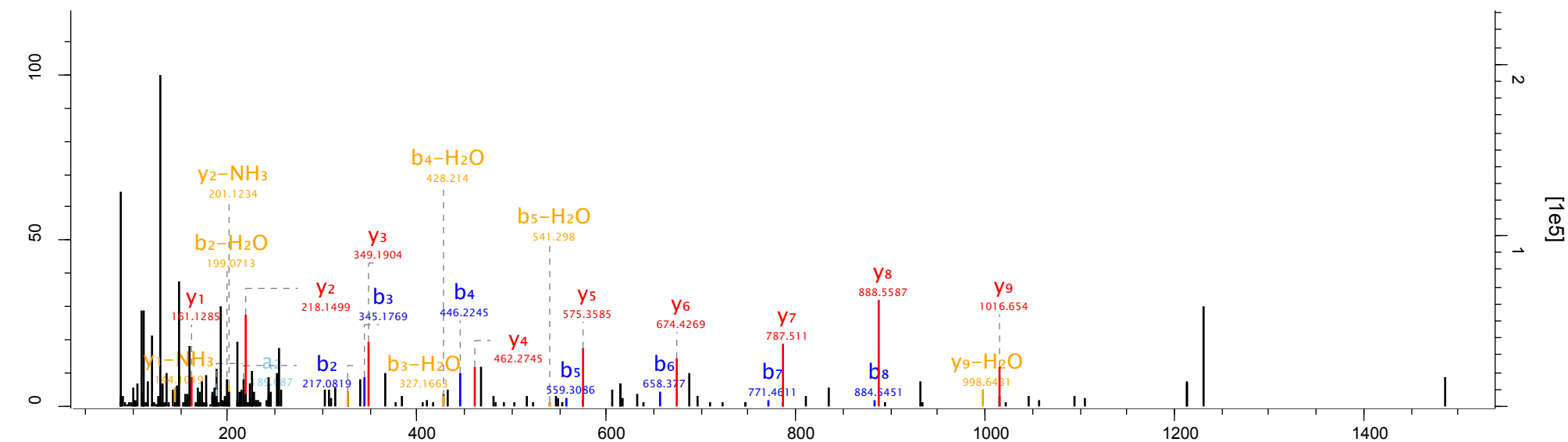
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	9780	FTMS; HCD	50.04	508.27	SOCS7



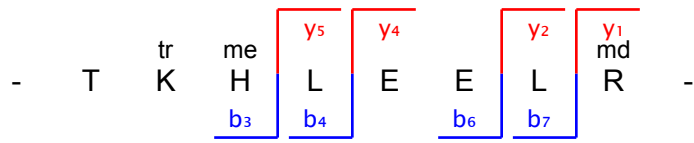
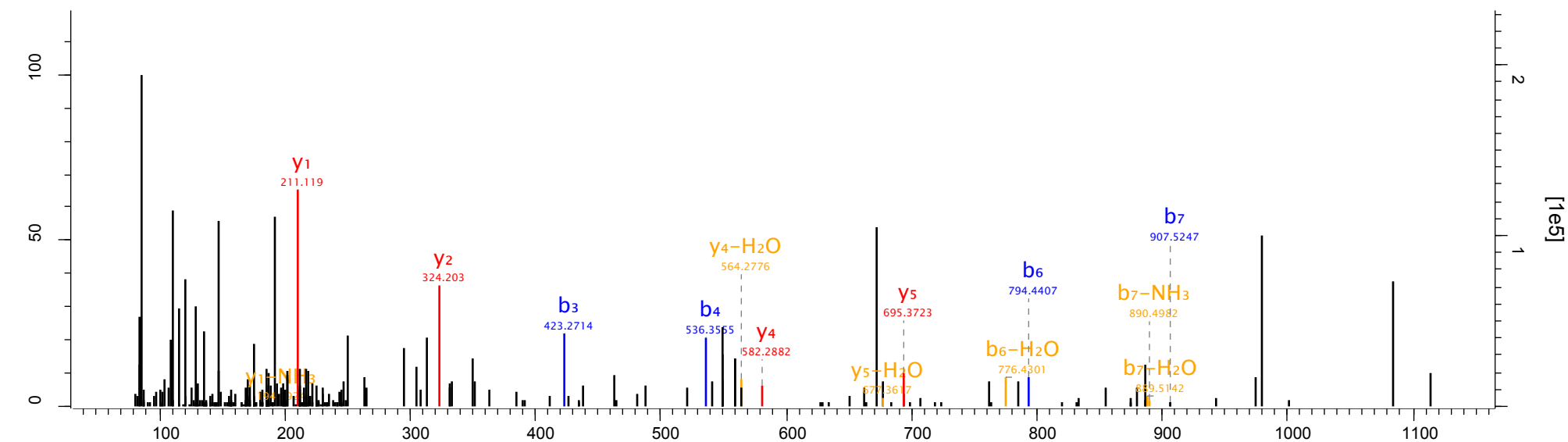
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	9782	FTMS; HCD	96.6	727.88	EEF1A1;EEF1A1P5



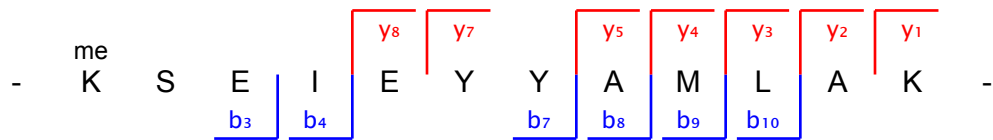
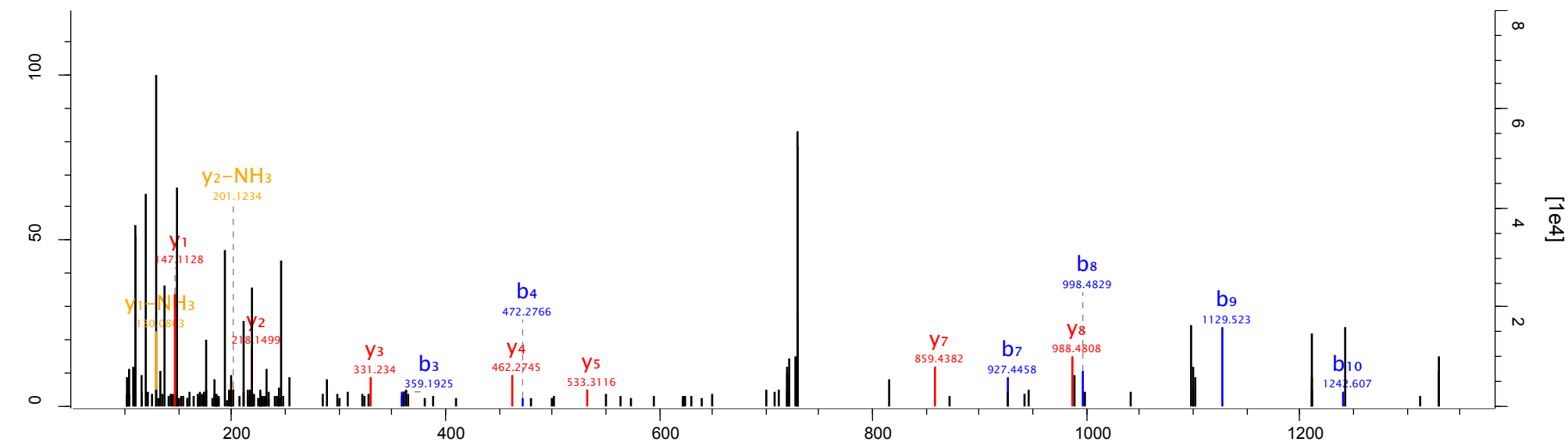
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	9858	FTMS; HCD	68	616.87	PFN1



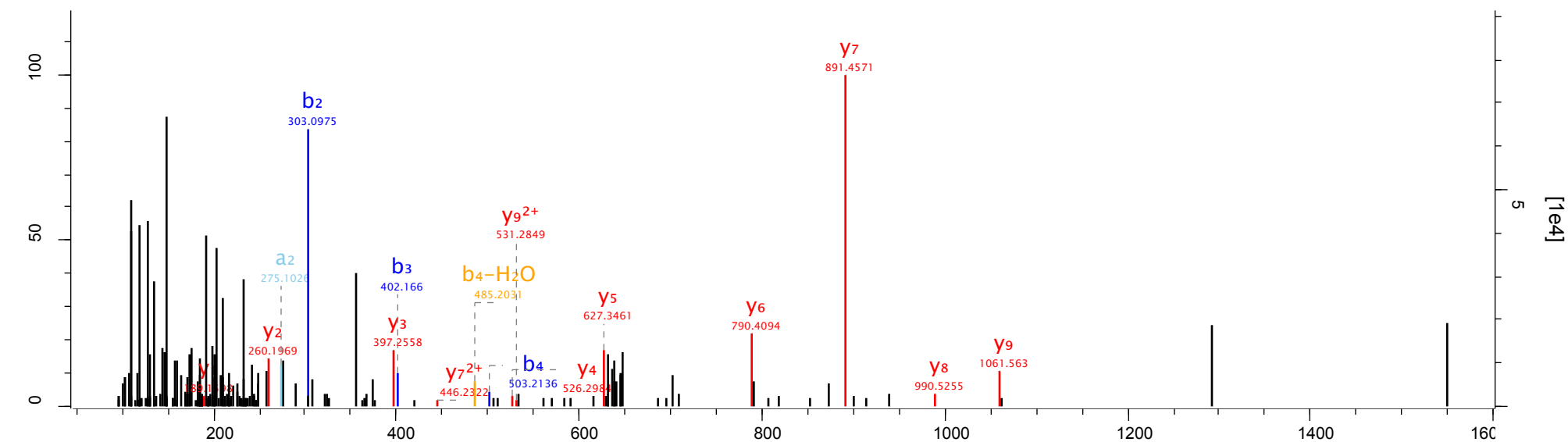
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	9884	FTMS; HCD	54.72	559.32	CCDC93



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	9966	FTMS; HCD	43.03	730.38	RPL30



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	10197	FTMS; HCD	60.26	647.31	HIST1H4A

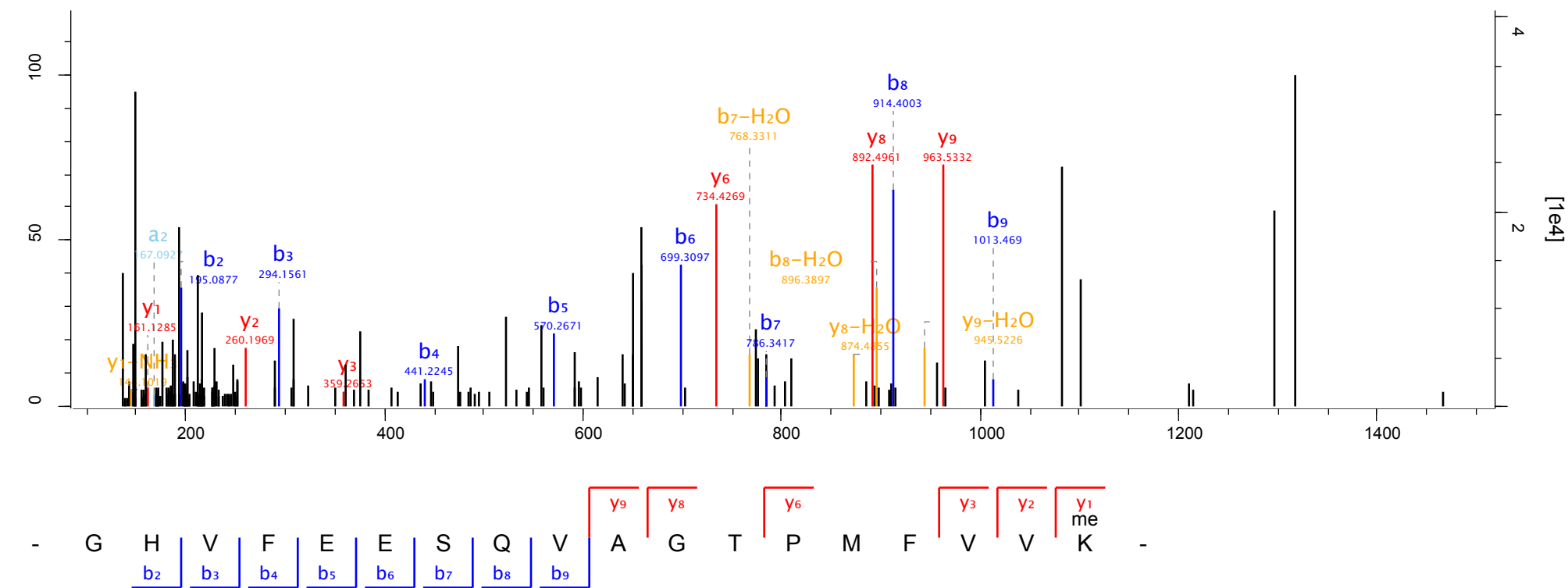


op - D A V T Y T E H A K -

b₂ b₃ b₄

y₉ y₈ y₇ y₆ y₅ y₄ y₃ y₂ y₁ tr

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	10714	FTMS; HCD	48.62	659.67	EEF2



Zhibin_20150831_MDAOPA_SCX_750mM

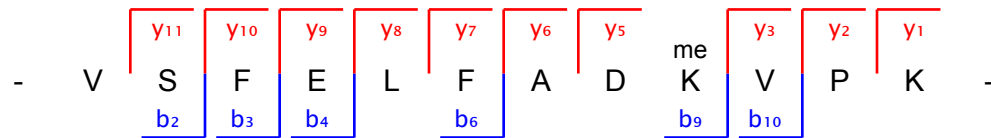
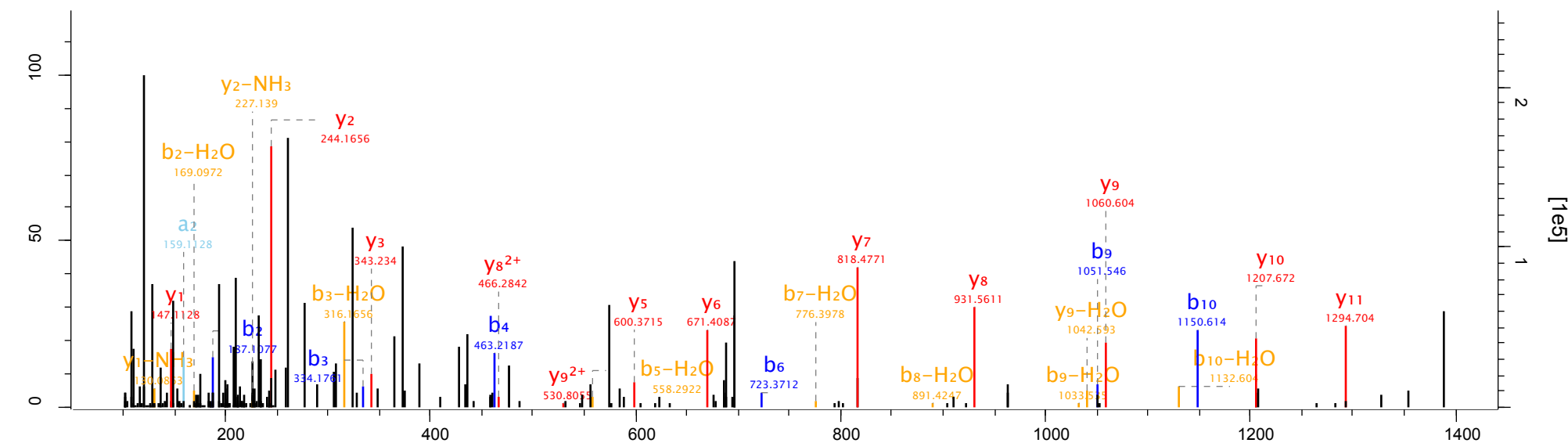
11248

FTMS; HCD

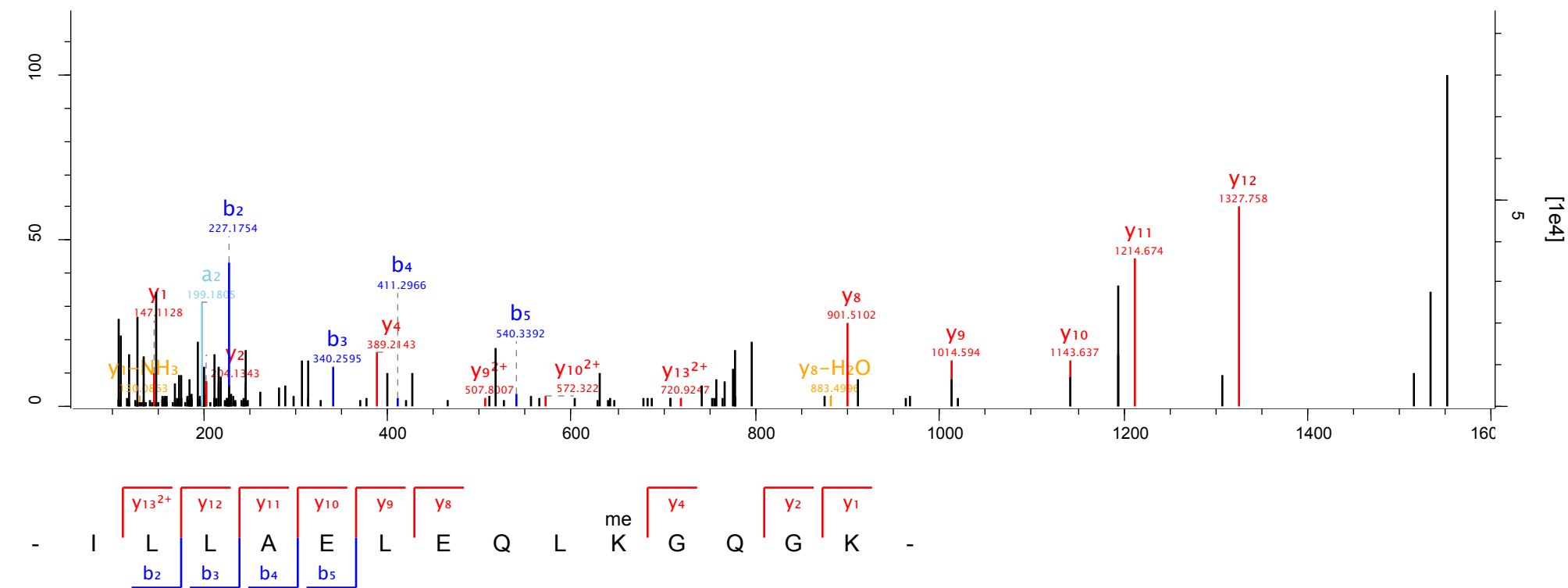
84.95

697.39

PPIA



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	11446	FTMS; HCD	63.18	777.46	VIM



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_750mM

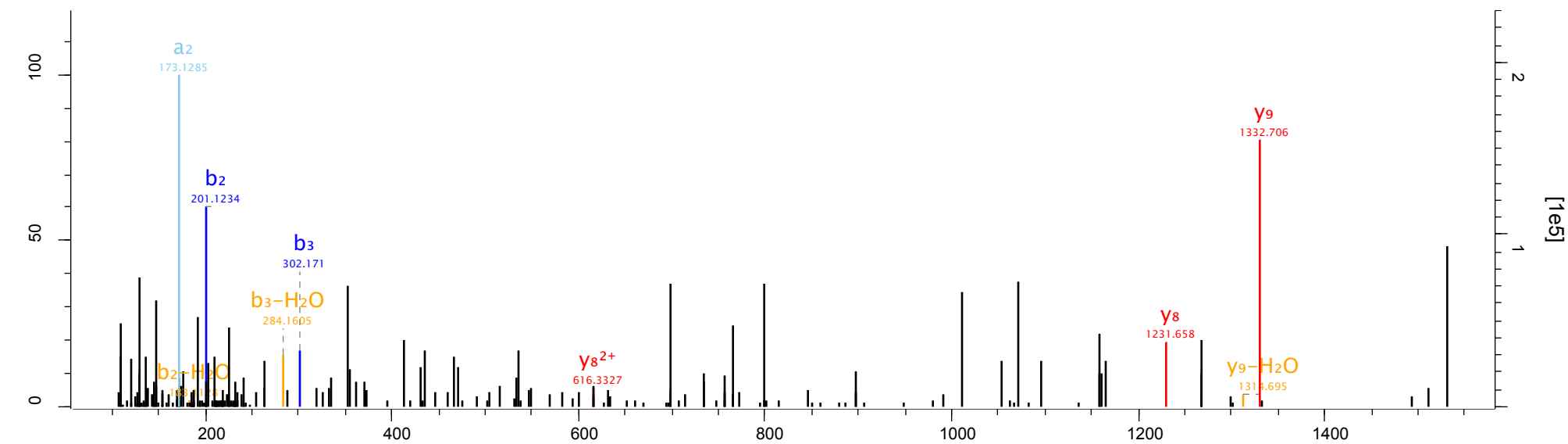
11682

FTMS; HCD

41.4

766.91

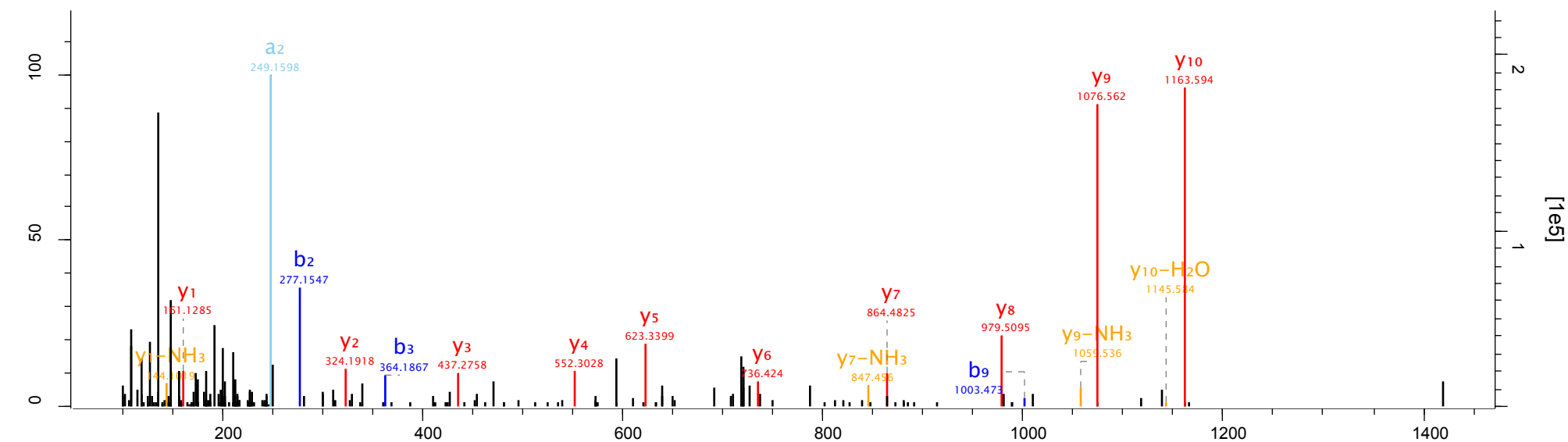
SZT2



- S L T Q F tr K E E F md me -

b_2 b_3 y_9 y_8

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	11785	FTMS; HCD	77.18	720.88	ENO1



- Y I S P D Q L A D L Y K -

Peptide sequence: Y I S P D Q L A D L Y K

Fragmentation sites (b and y ions):

- b2** (between I and S)
- b3** (between S and P)
- b9** (between D and L)

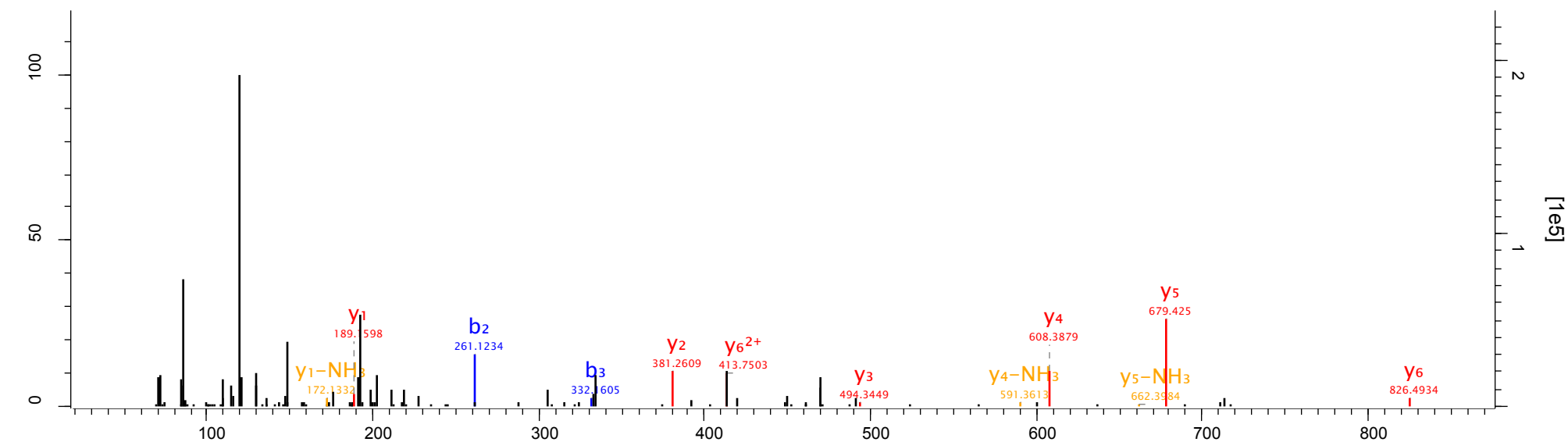
Fragmentation sites (y ions):

- y1** (between K and Y)
- y2** (between Y and L)
- y3** (between L and A)
- y4** (between A and D)
- y5** (between D and Q)
- y6** (between Q and L)
- y7** (between L and P)
- y8** (between P and S)
- y9** (between S and I)
- y10** (between I and Y)

Raw file

Zhibin_20150831_MDAOPA_SCX_750mM

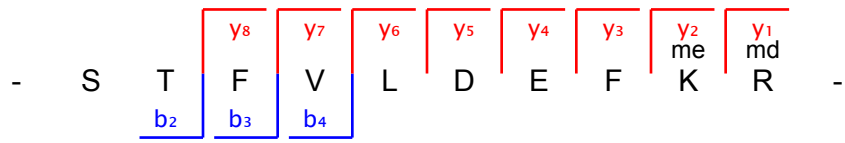
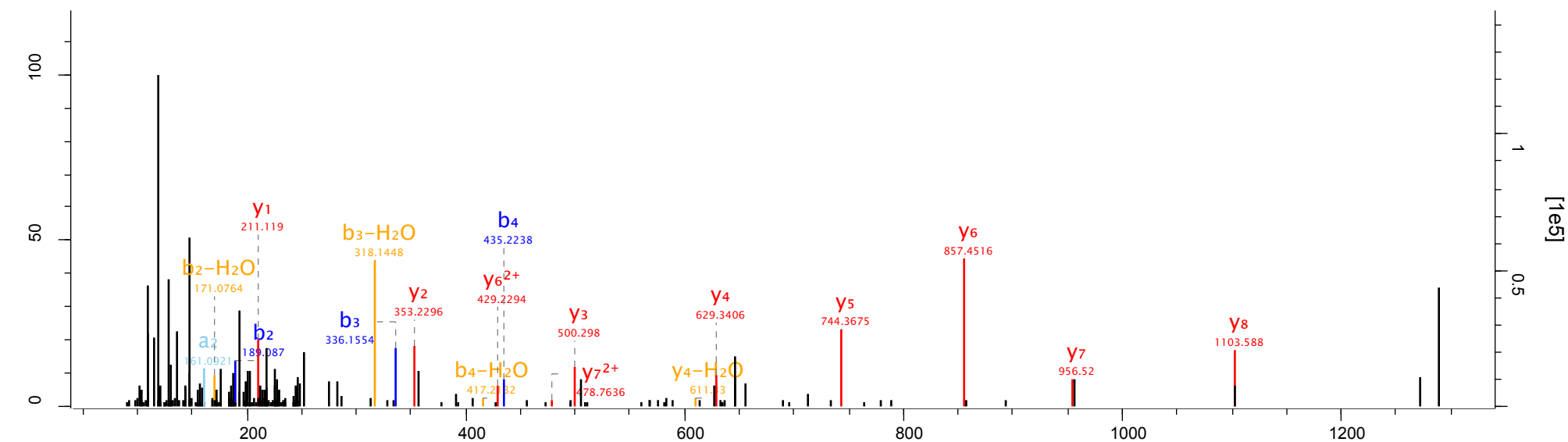
Scan	Method	Score	m/z	Gene names
11808	FTMS; HCD	67.74	470.27	PHGDH



ac
- A F A N L R K -

b₂ b₃

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	11839	FTMS; HCD	72.2	646.34	EEF1G



Raw file

Zhibin_20150831_MDAOPA_SCX_750mM

Scan

12483

Method

FTMS; HCD

Score

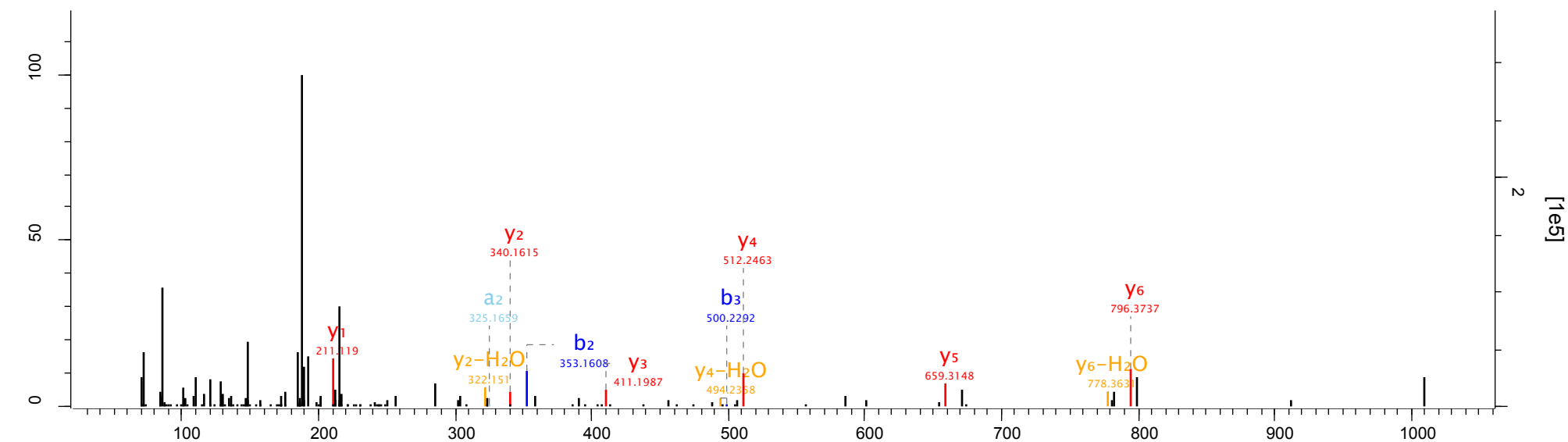
67.98

m/z

506.24

Gene names

SND1



[1e5]

2

op

V

y6

H

b2

y5

F

b3

y4

T

y3

A

y2

E

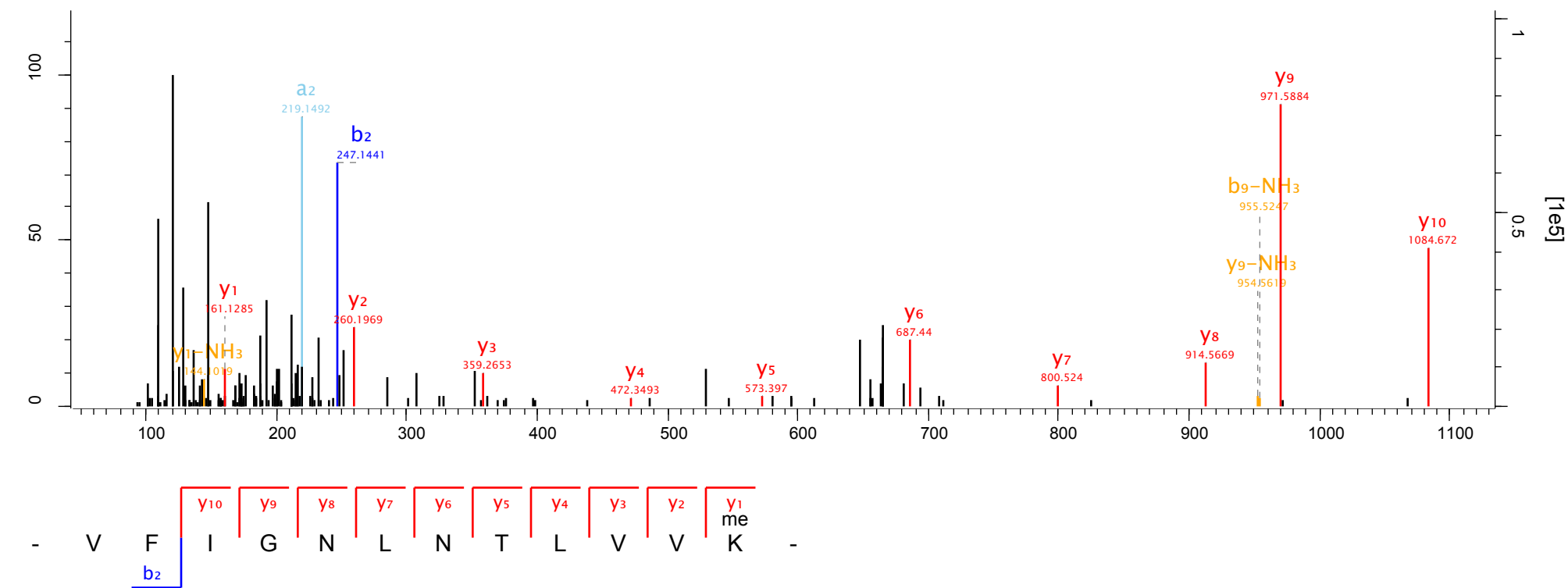
y1

md

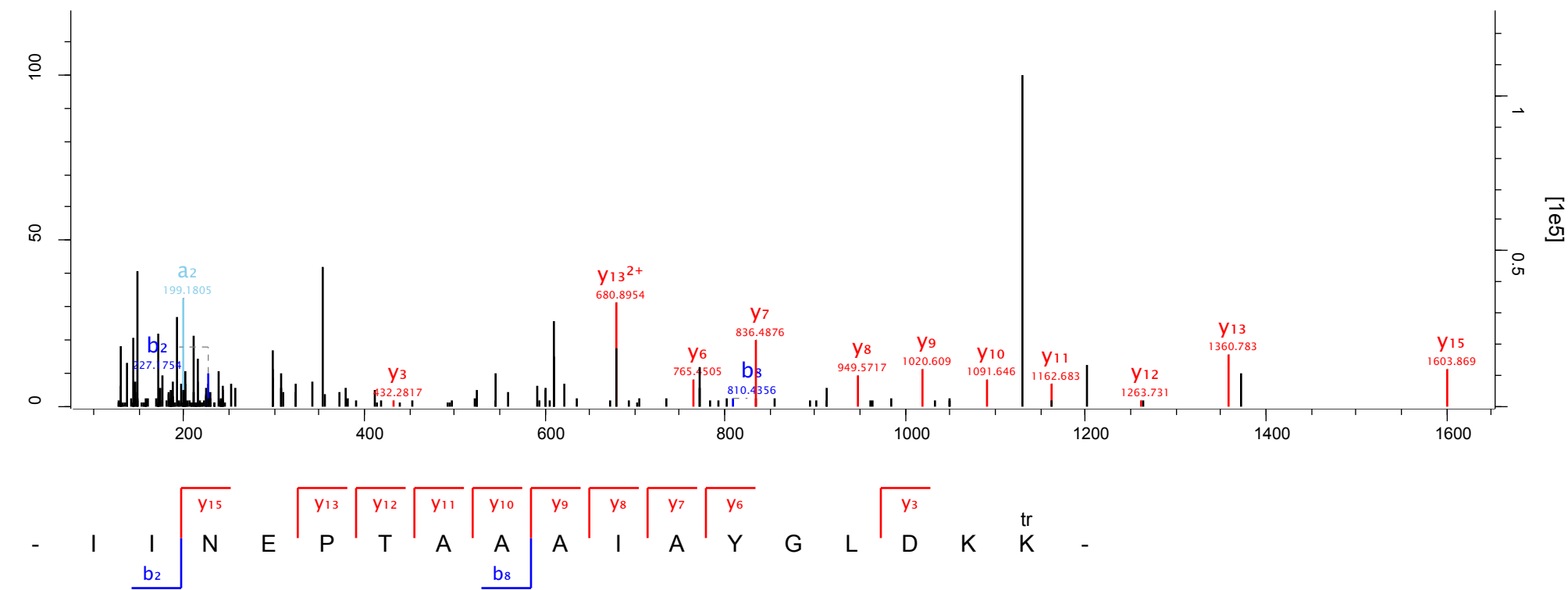
R

-

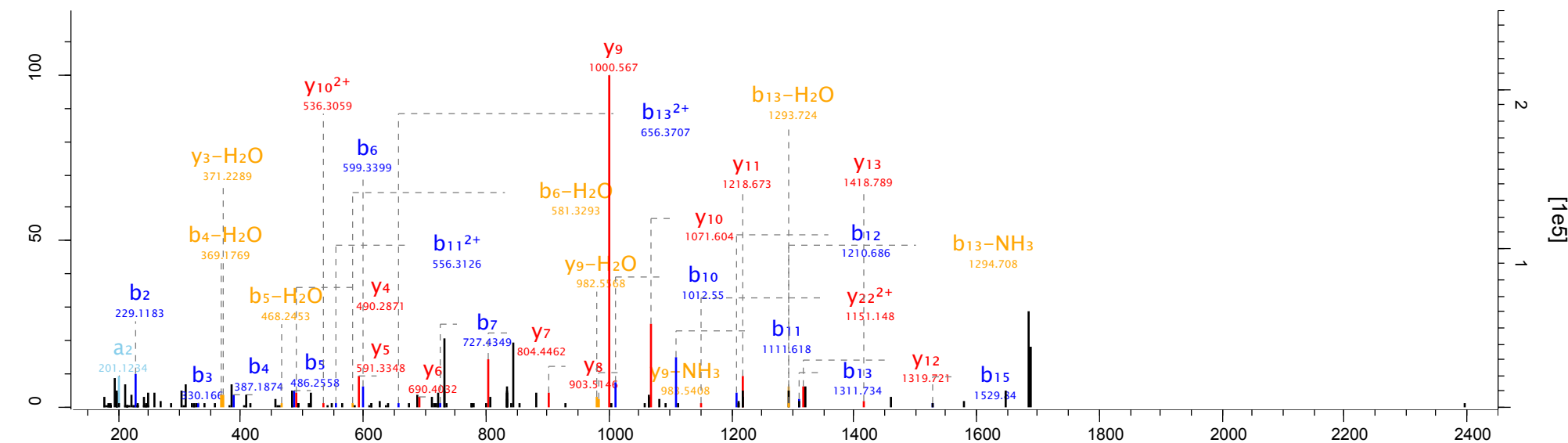
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	12631	FTMS; HCD	54.34	665.91	HNRNPC;HNRNPCL1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	12718	FTMS; HCD	43.21	611.02	HSPA8;HSPA2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	12806	FTMS; HCD	85.91	844.14	EEF1A1;EEF1A1P5

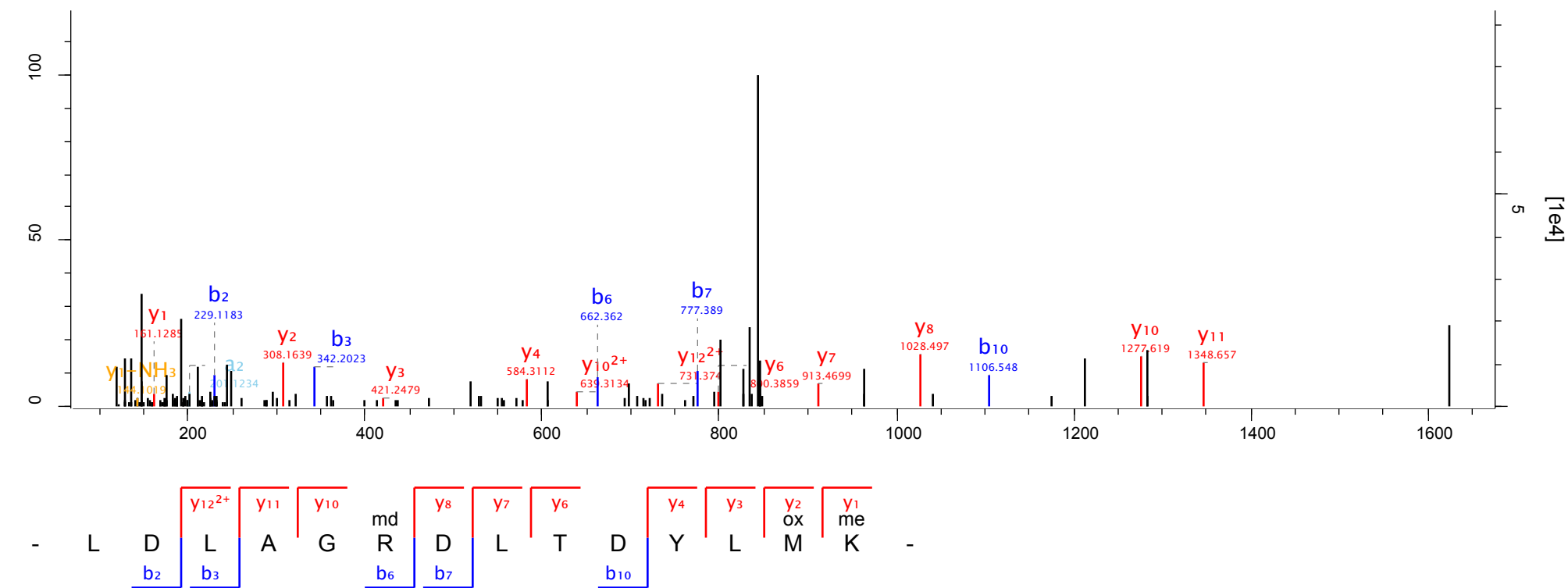


Protein sequence: V E T G V L K P G M V V T F A P V N V T T E V K

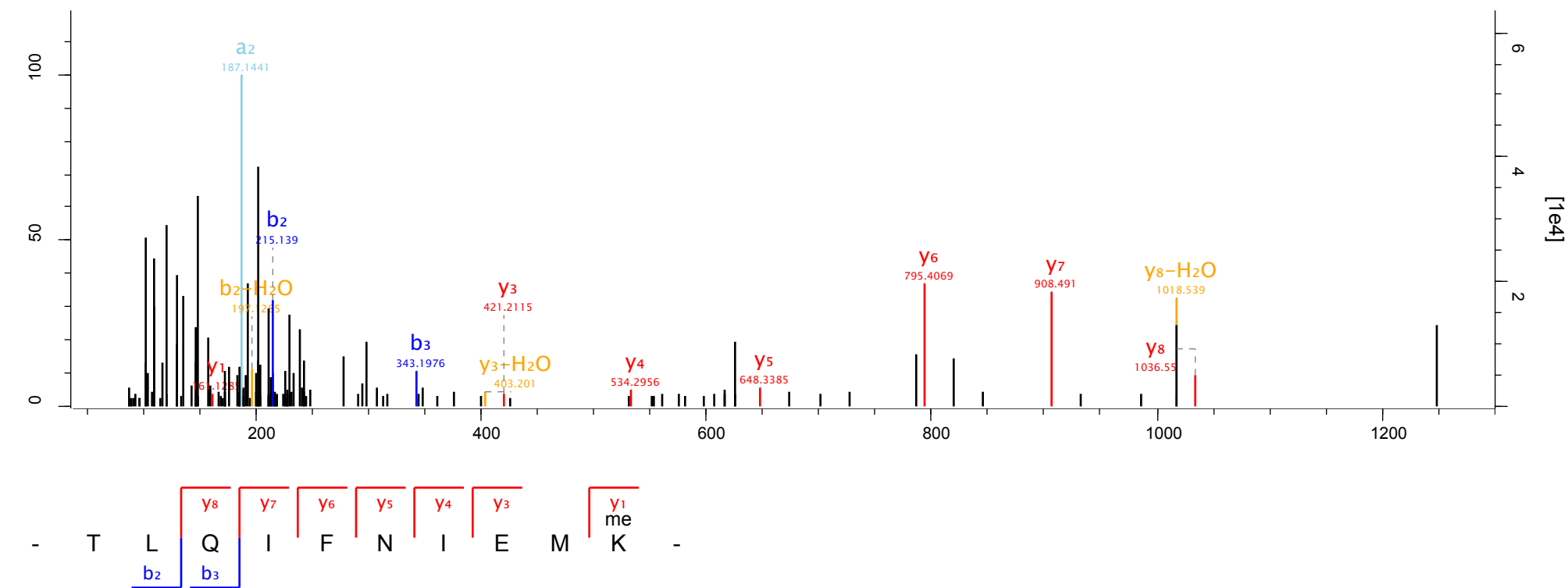
Fragmentation mapping (b-ions in blue, y-ions in red):

- b₂ (E), b₃ (T), b₄ (G), b₅ (V), b₆ (L), b₇ (K)
- b₁₀ (M), b₁₁ (V), b₁₂ (V), b₁₃ (T), b₁₅ (A)
- y₂₂²⁺ (T), y₁₃ (V), y₁₂ (T), y₁₁ (F), y₁₀ (A), y₉ (P), y₈ (V), y₇ (N), y₆ (V), y₅ (T), y₄ (T)

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	13124	FTMS; HCD	43.59	845.93	ACTB;ACTA1;ACTC1;ACTG2;ACTA2;ACTG1;ACTBL2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_750mM	13570	FTMS; HCD	62.47	625.84	CLTC;CLTCL1



Raw file

Zhibin_20150831_MDAOPA_SCX_750mM

Scan

14164

Method

FTMS; HCD

Score

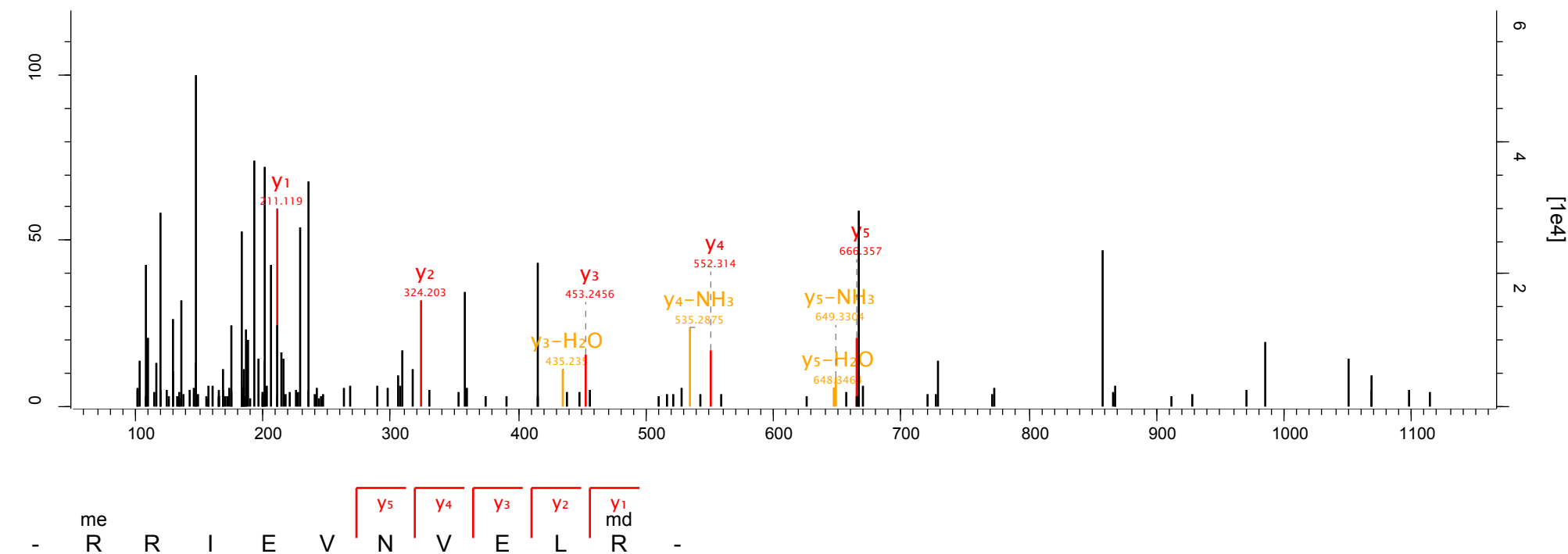
43.31

m/z

666.83

Gene names

KPNA2;POU2F2



Raw file

Zhibin_20150831_MDAOPA_SCX_750mM

Scan

14299

Method

FTMS; HCD

Score

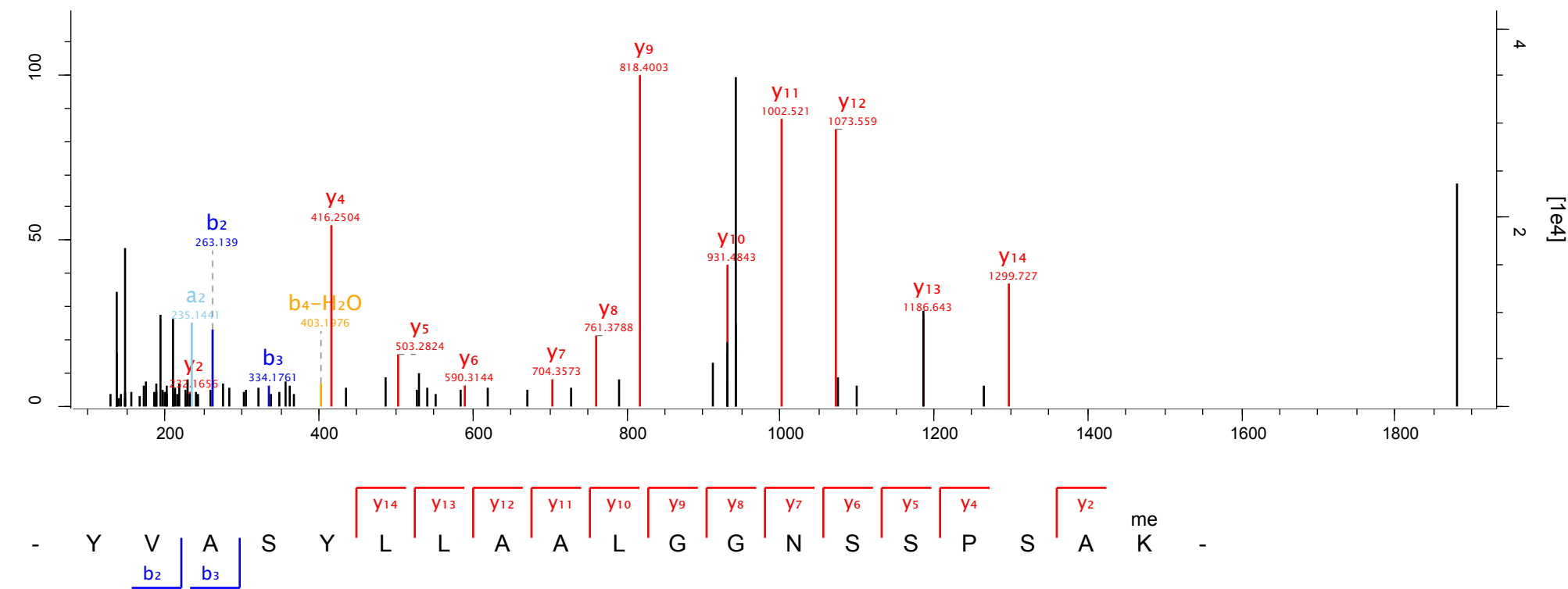
51.57

m/z

942.5

Gene names

RPLP2



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

Method

Score

m/z

Gene names

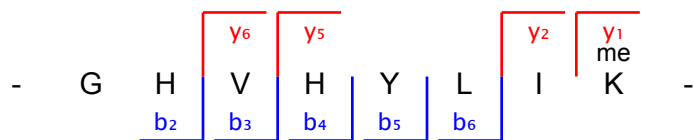
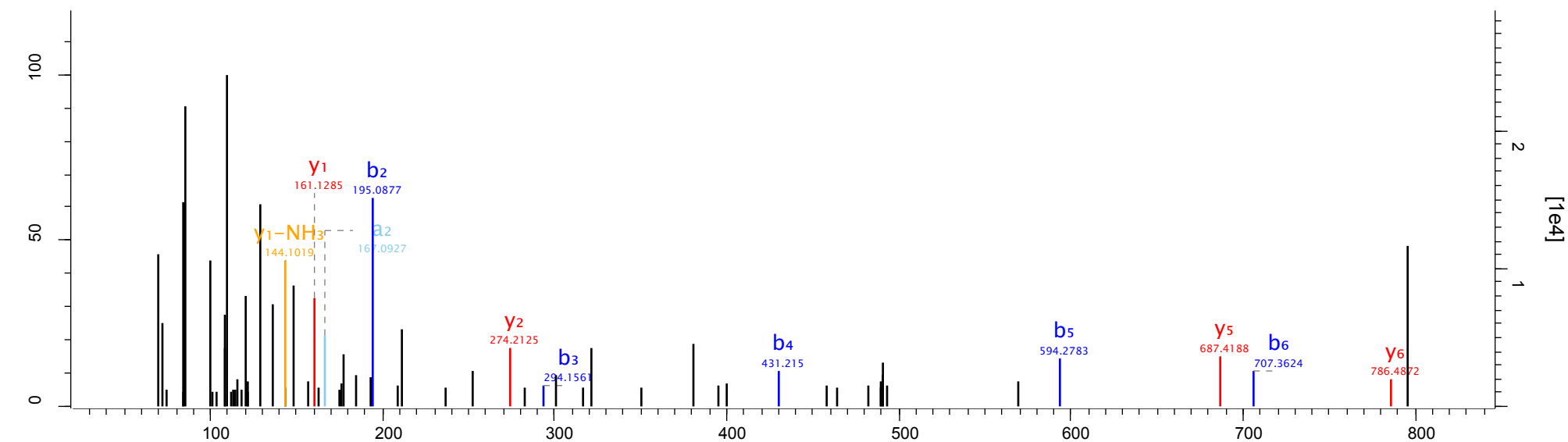
4902

FTMS; HCD

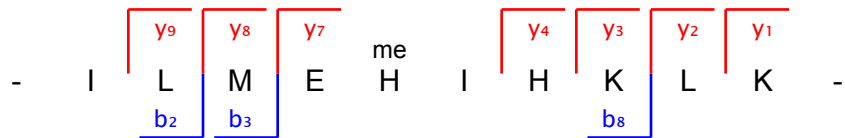
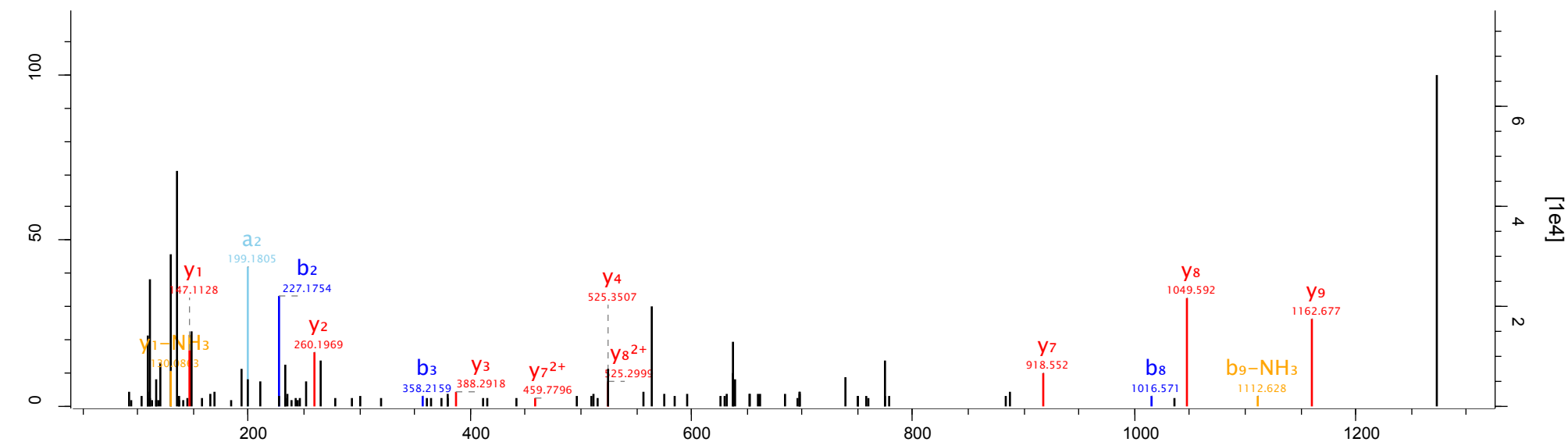
58.98

490.77

CHD4



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	5600	FTMS; HCD	67.33	638.38	RPL19



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

6139

Method

FTMS; HCD

Score

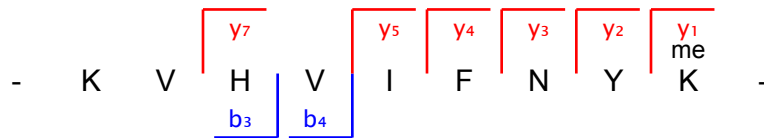
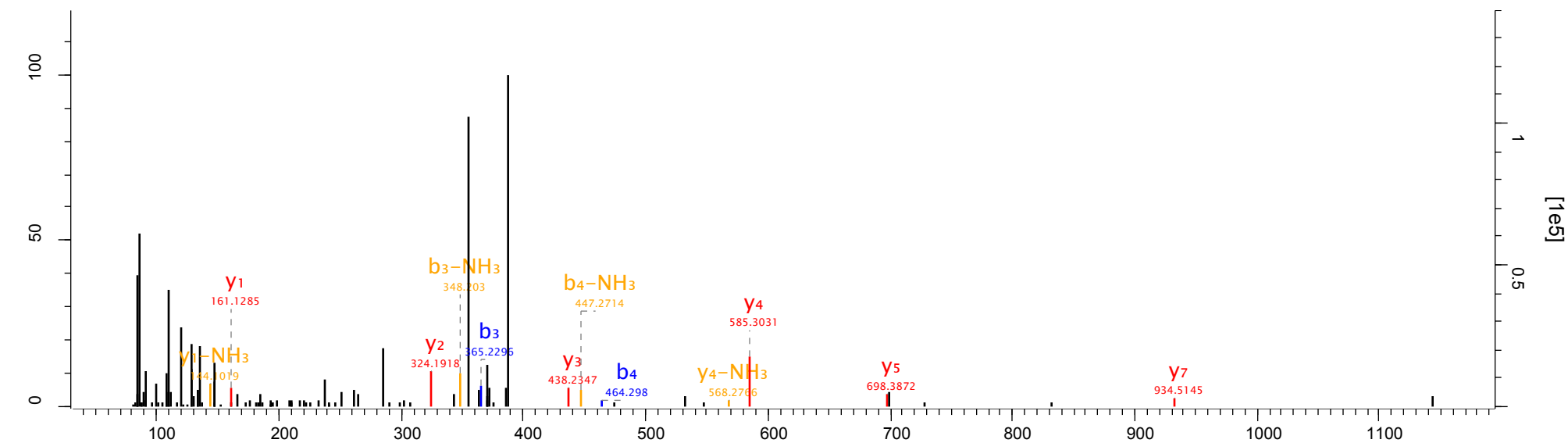
43.44

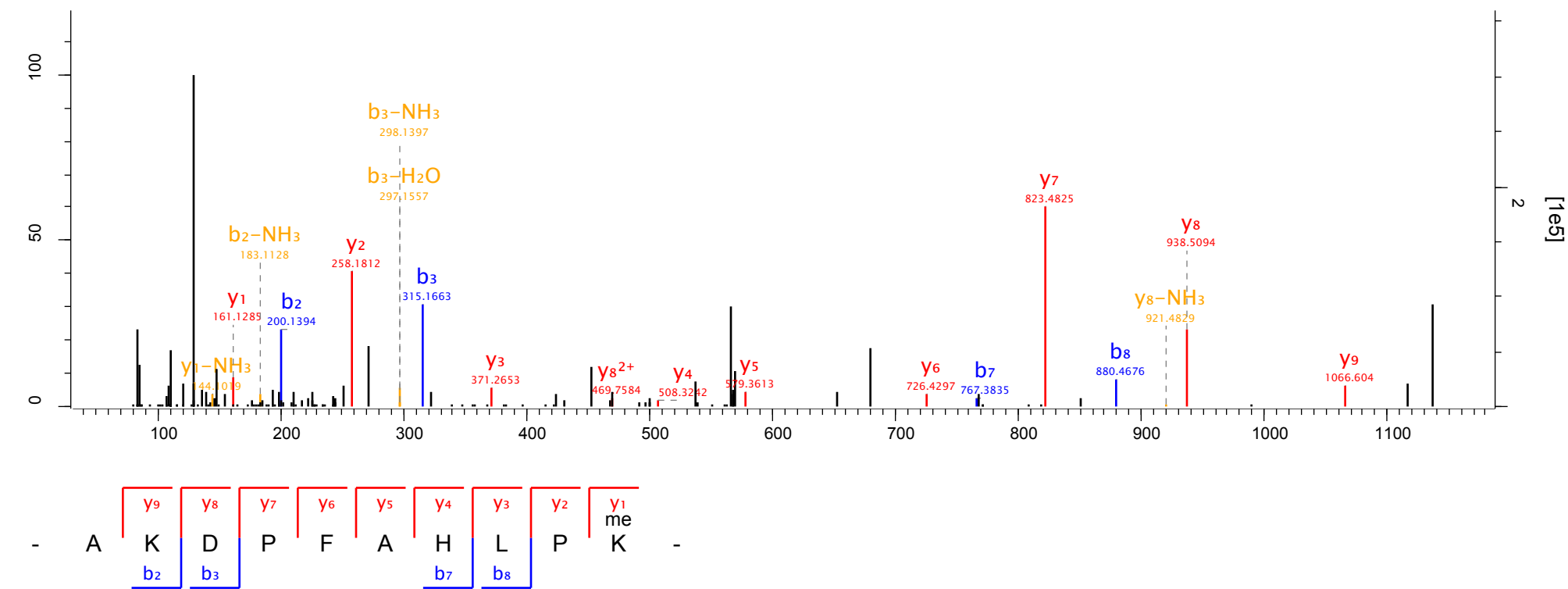
m/z

387.9

Gene names

CALR





Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

6249

Method

FTMS; HCD

Score

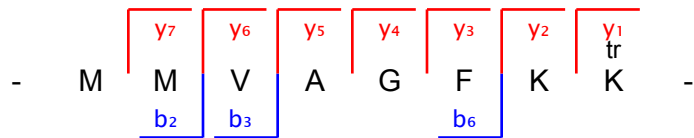
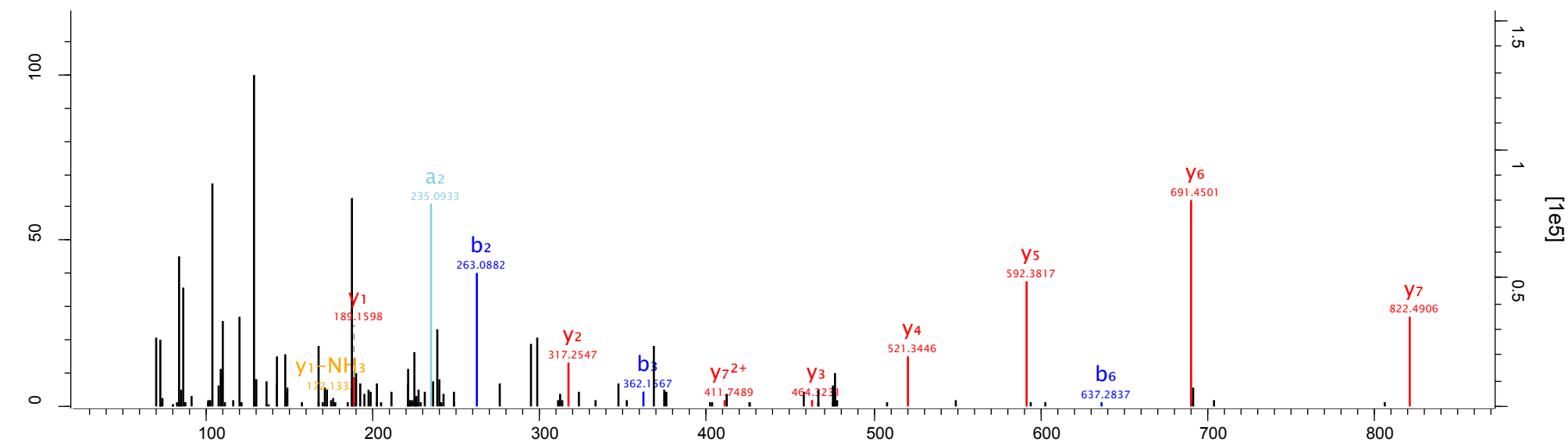
68.79

m/z

477.27

Gene names

HNRNPU



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_1000mM_1

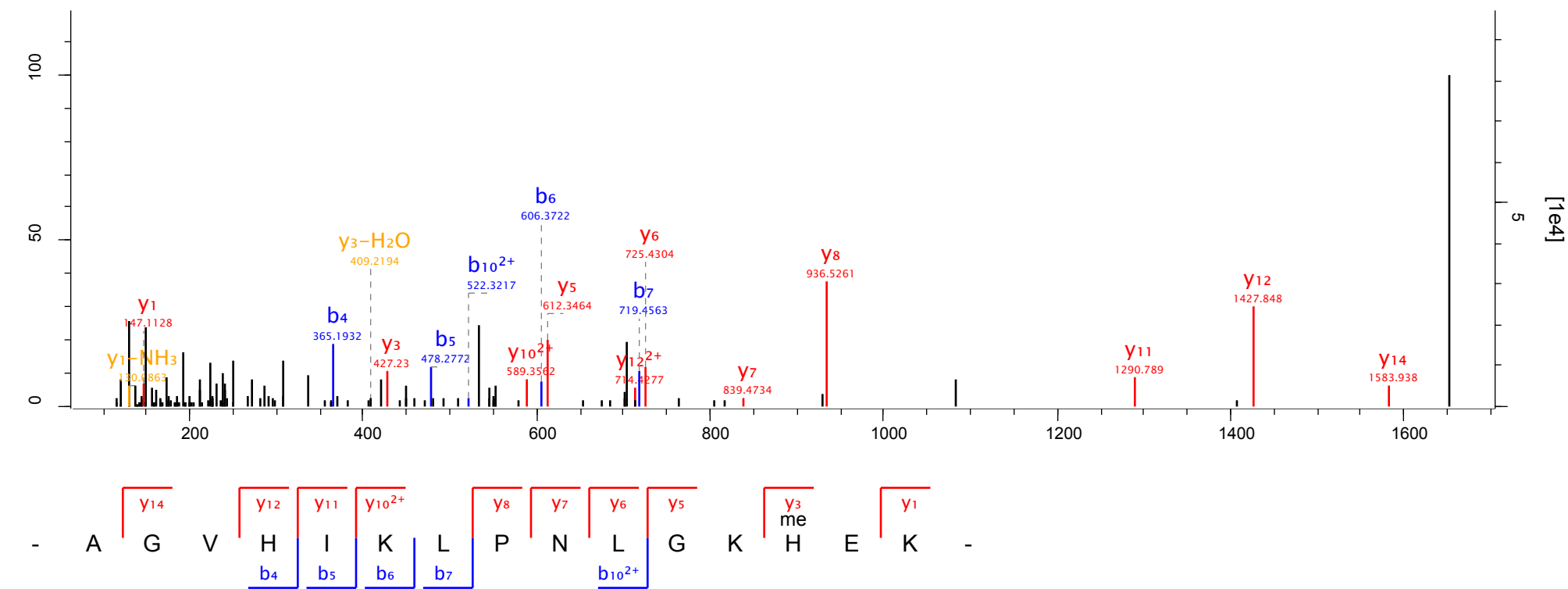
6282

FTMS; HCD

66.25

552.66

CKB



Raw file

Scan Method

Score

m/z Gene names

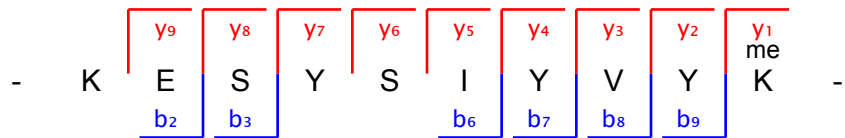
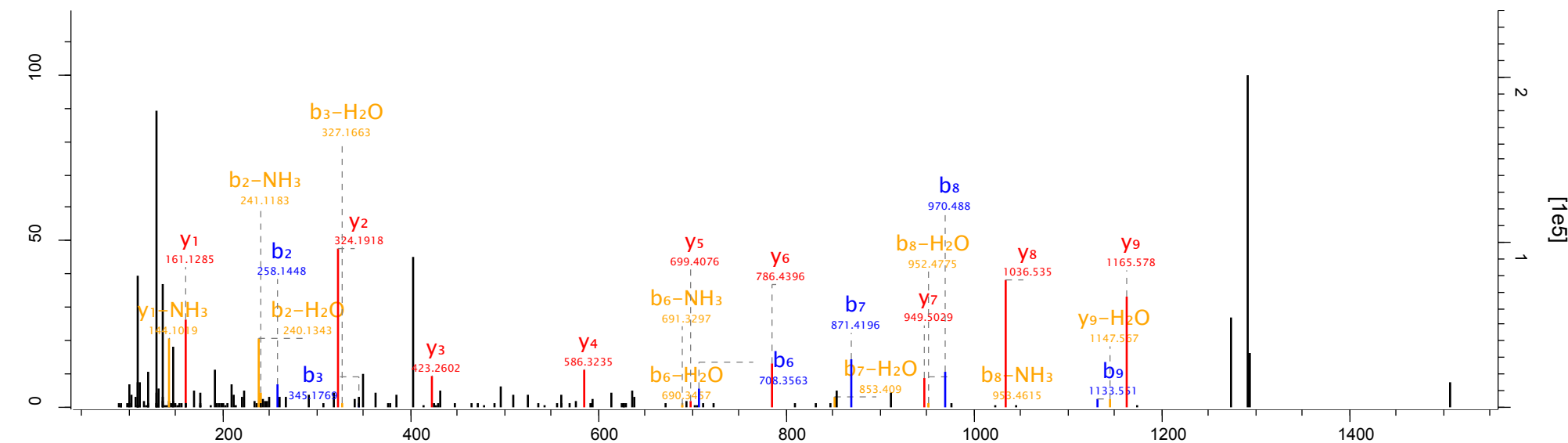
Zhibin_20150831_MDAOPA_SCX_1000mM_1

6415 FTMS; HCD

150.46

647.34

HIST2H2BE;HIST1H2BB;HIST1H2BO;HIST2H2BD;HIST2H2BC;HIST1H2BJ;HIST3H2BB



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

6506

Method

FTMS; HCD

Score

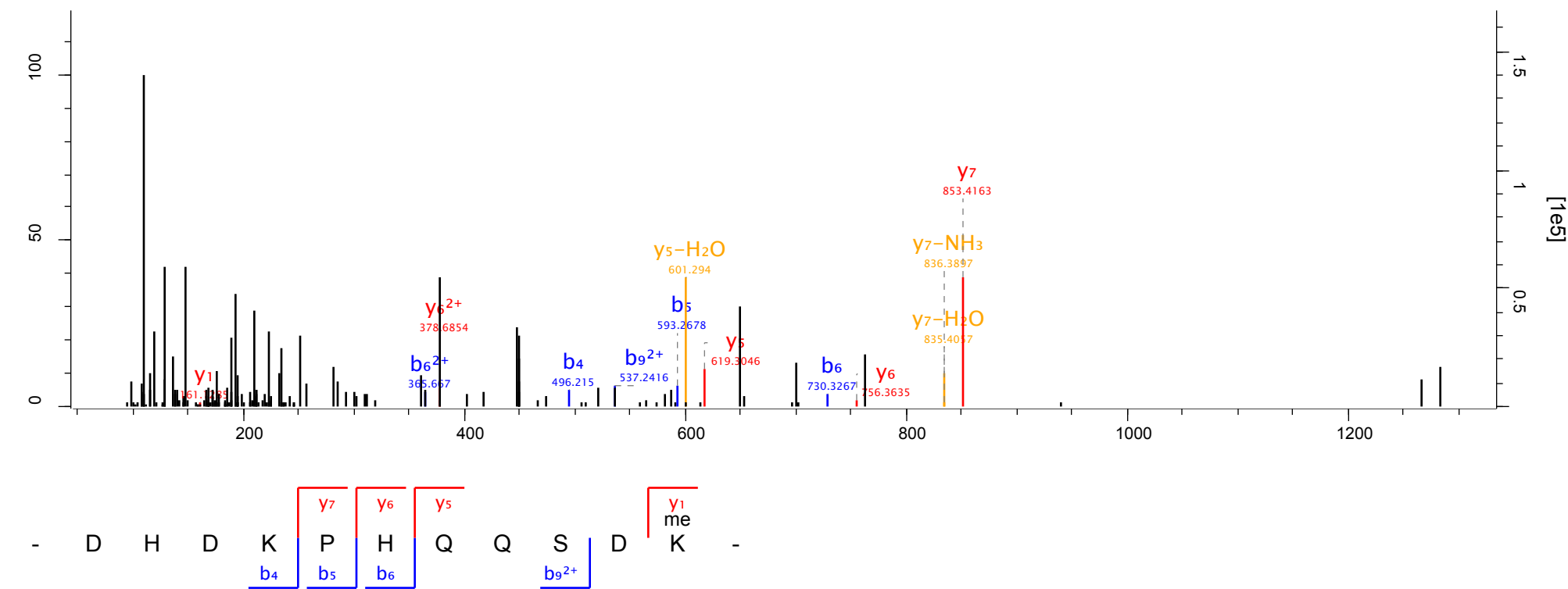
52.39

m/z

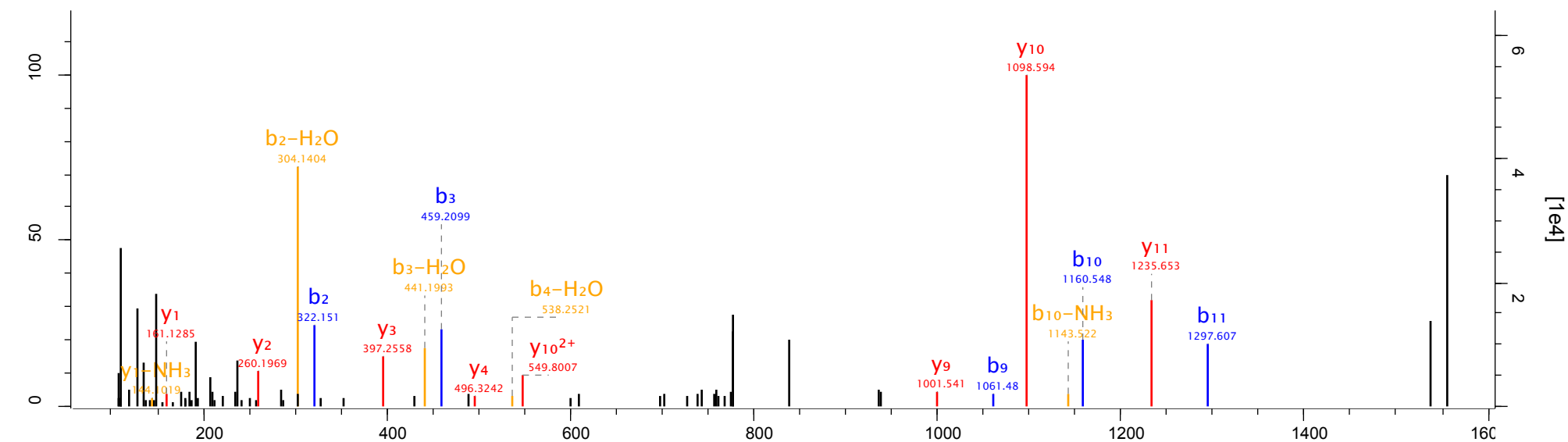
450.21

Gene names

ZC3H4



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	6524	FTMS; HCD	72.89	778.9	RPS4X;RPS4Y1



Zhibin_20150831_MDAOPA_SCX_1000mM_1

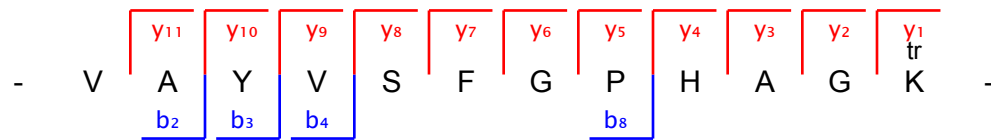
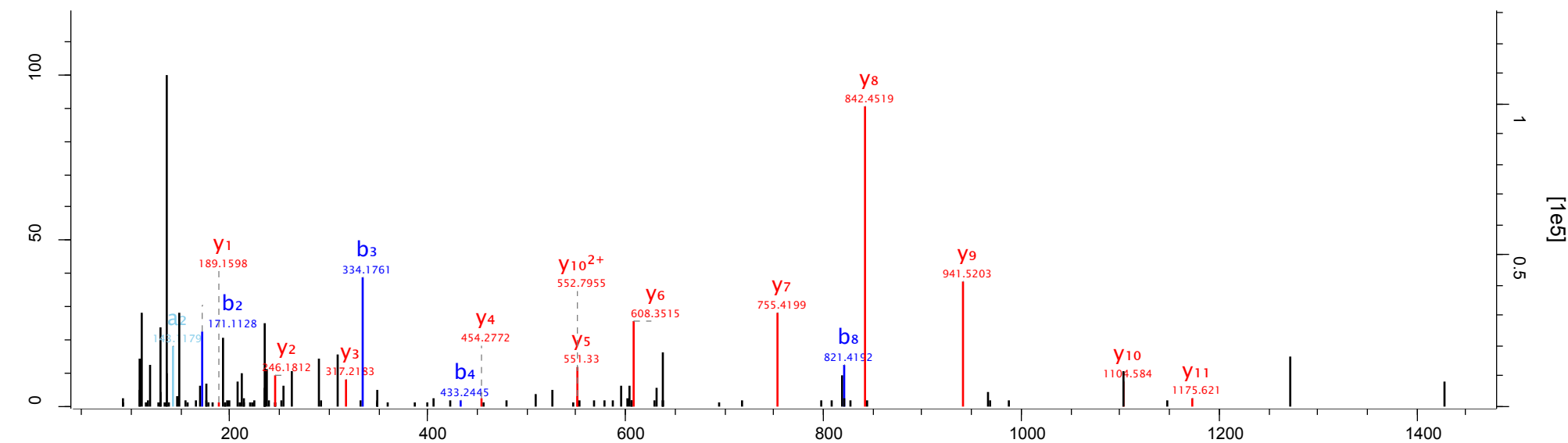
6698

FTMS; HCD

67.88

637.85

RPL14



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

6990

Method

FTMS; HCD

Score

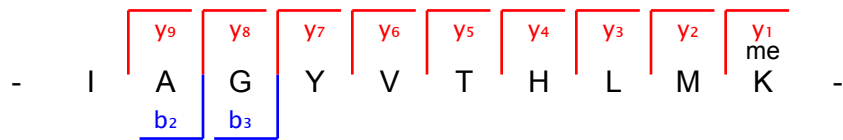
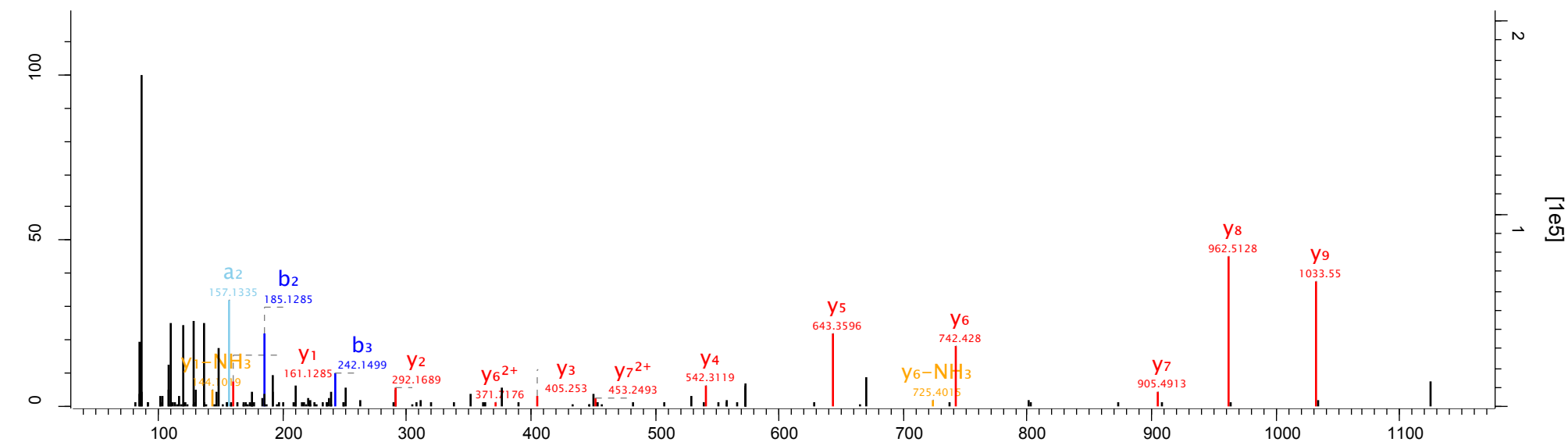
74.84

m/z

573.82

Gene names

RPS17L;RPS17



Zhibin_20150831_MDAOPA_SCX_1000mM_1

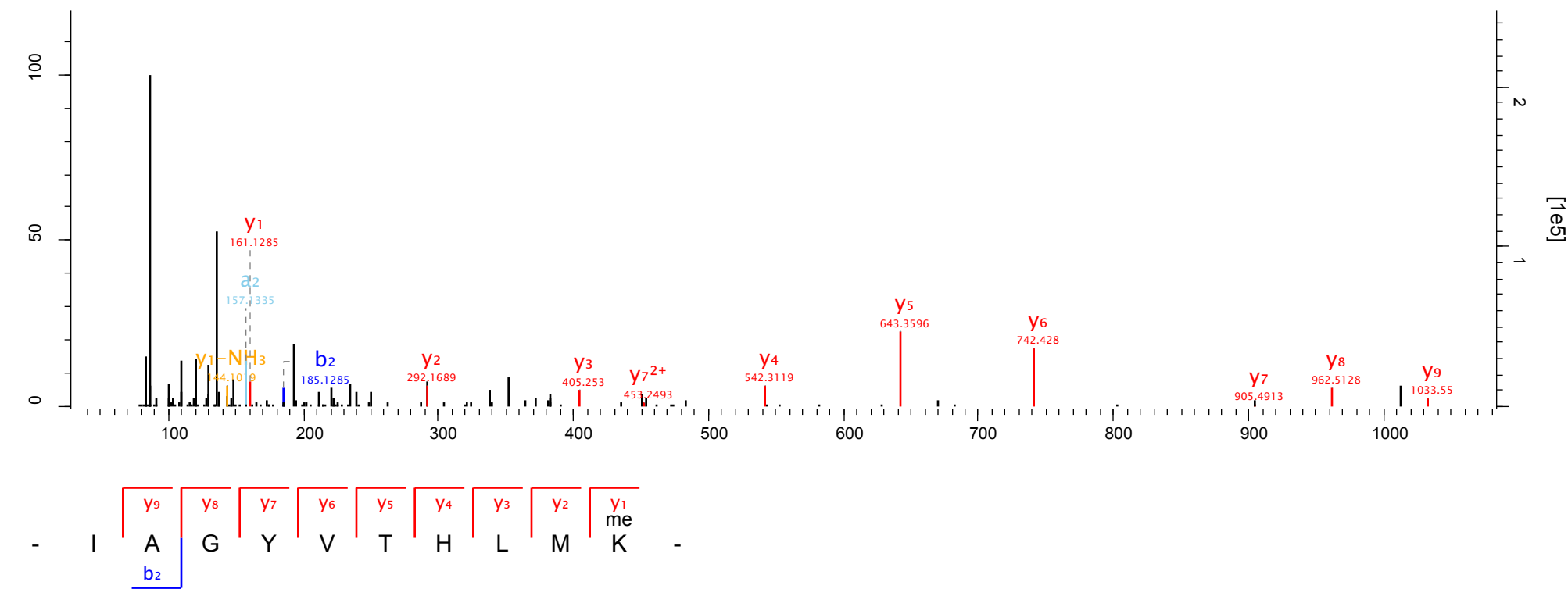
7002

FTMS; HCD

40.15

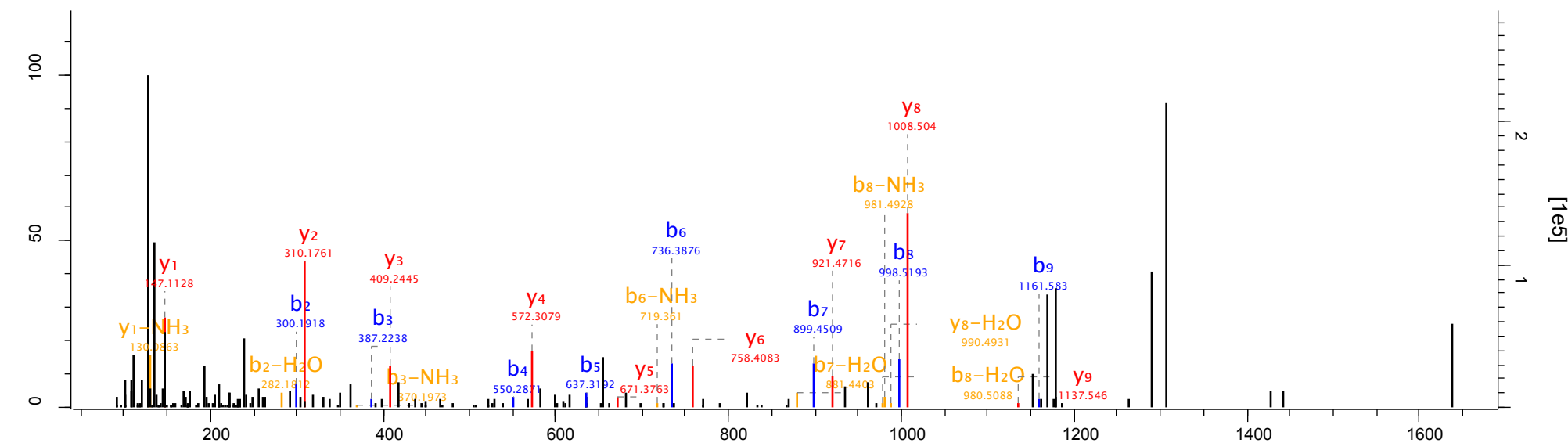
382.88

RPS17L;RPS17



Zhibin_20150831_MDAOPA_SCX_1000mM_1

7008 FTMS; HCD 126.12 654.35 HIST1H2BN;HIST1H2BM;HIST1H2BH;HIST2H2BF;HIST1H2BC;HIST1H2BD;HIST1H2BL;H2BFS



tr K E S Y S V Y V Y K -

b2 b3 b4 b5 b6 b7 b8 b9

Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

7409

Method

FTMS; HCD

Score

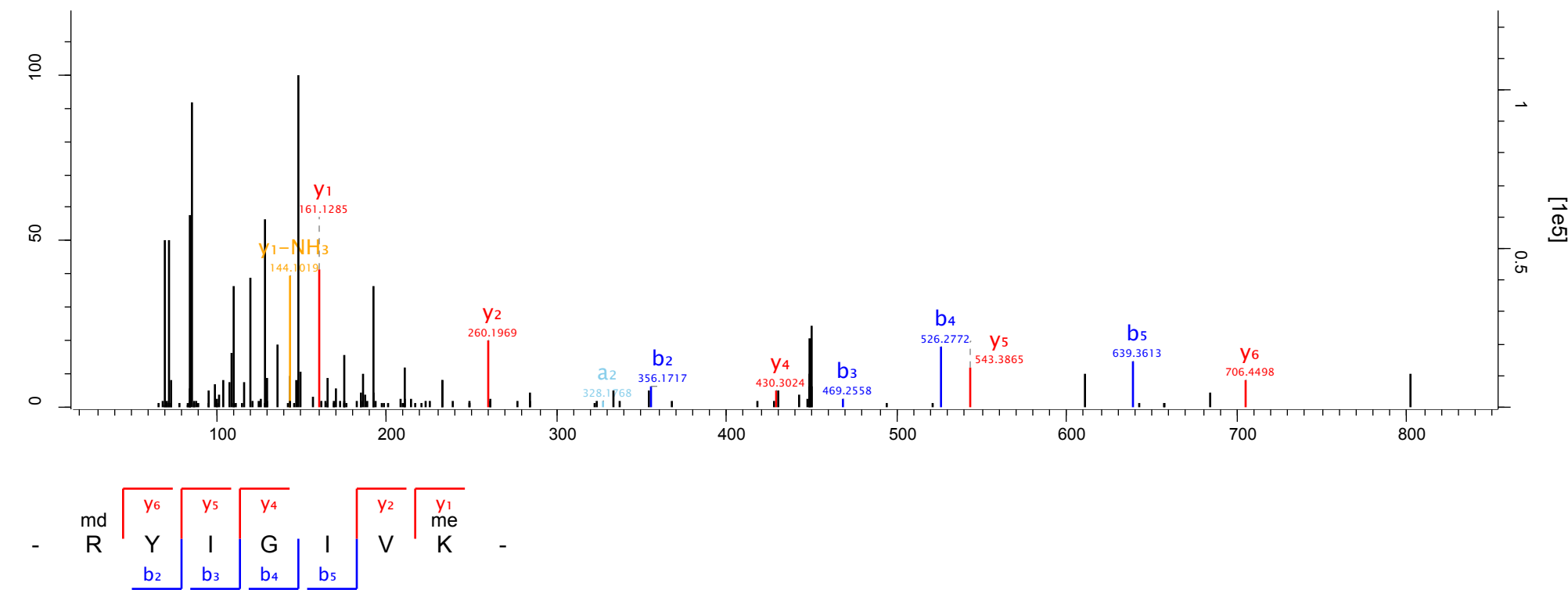
53.35

m/z

449.78

Gene names

HNRNPF



Raw file

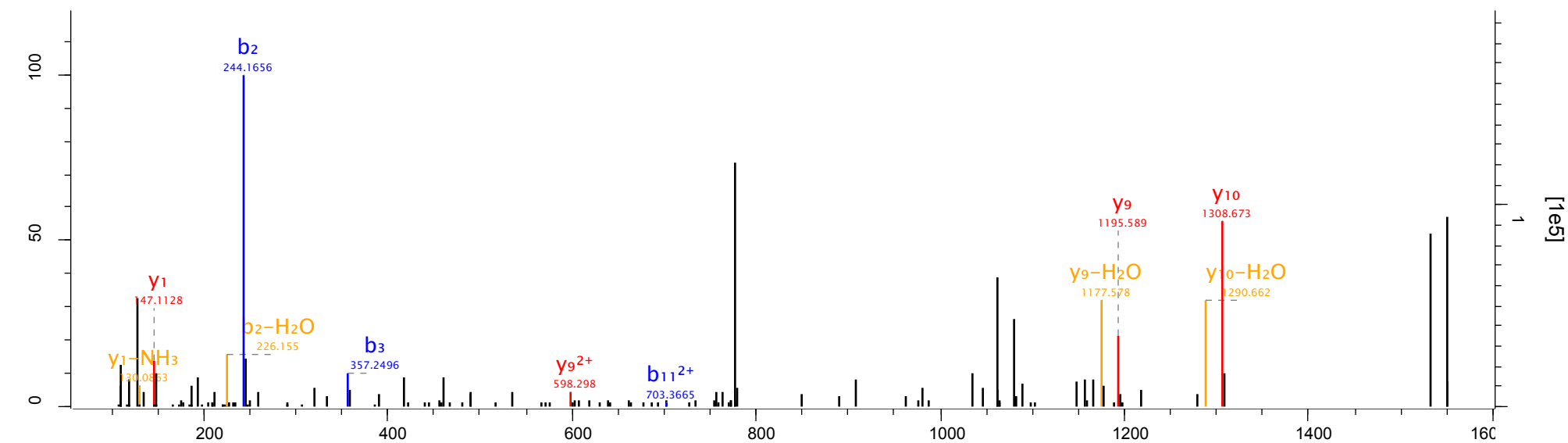
Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan 7444 Method FTMS; HCD

Score 43.68

m/z 776.92

Gene names CEP162



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

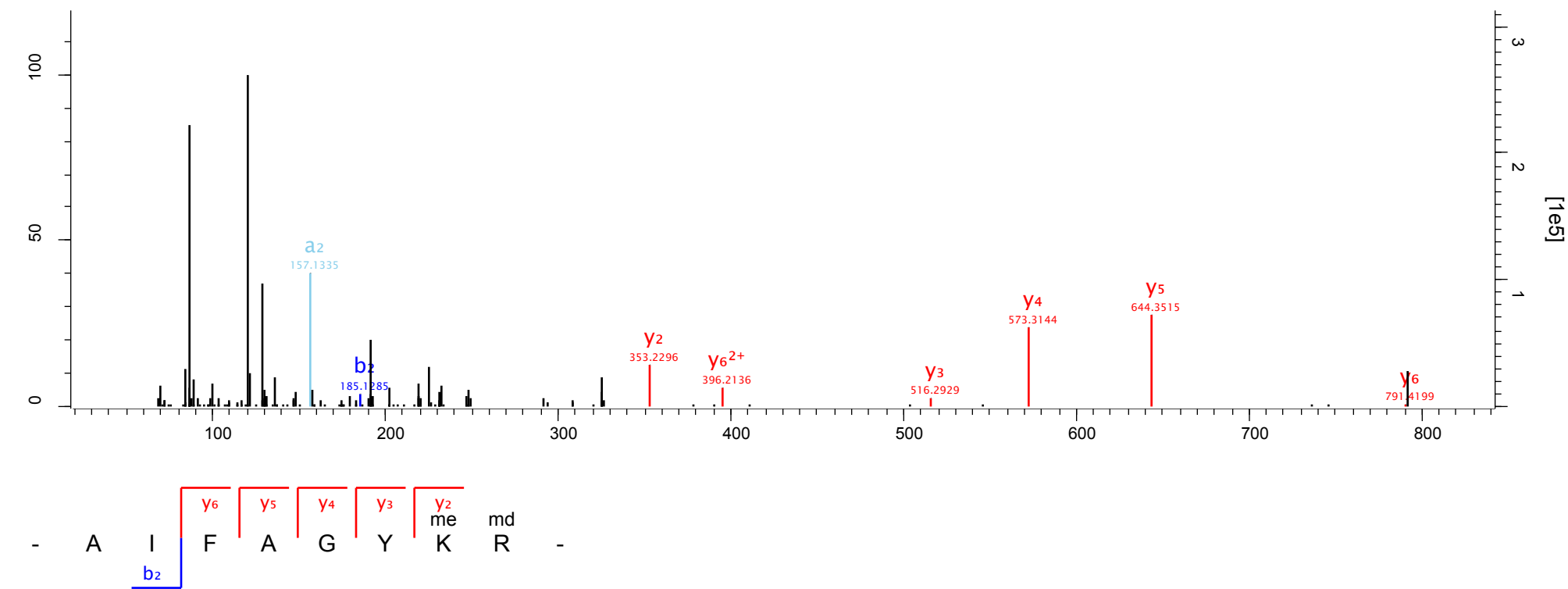
Scan 7462

Method FTMS; HCD

Score 46.43

m/z 325.85

Gene names RPL35A



Raw file

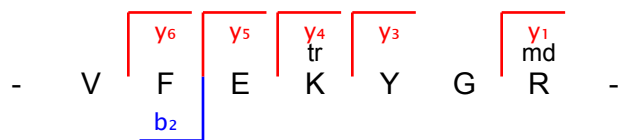
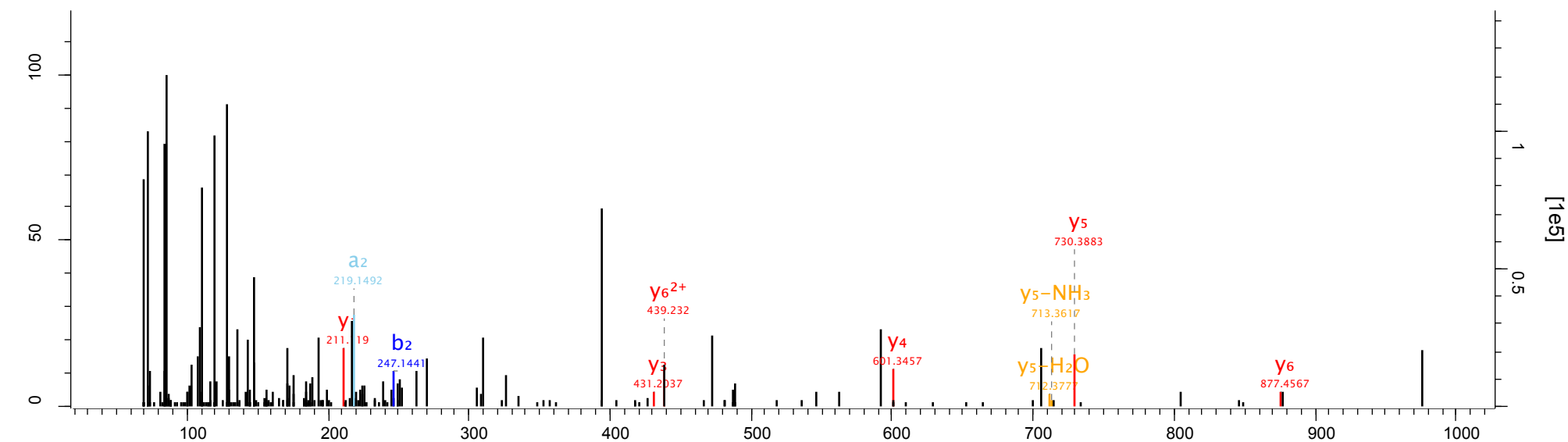
Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan 7535 Method FTMS; HCD

Score 63.15

m/z 488.77

Gene names SRSF2;SRSF8



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

7556

Method

FTMS; HCD

Score

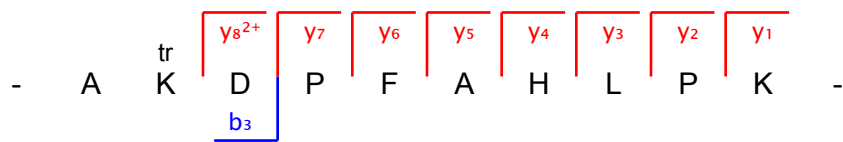
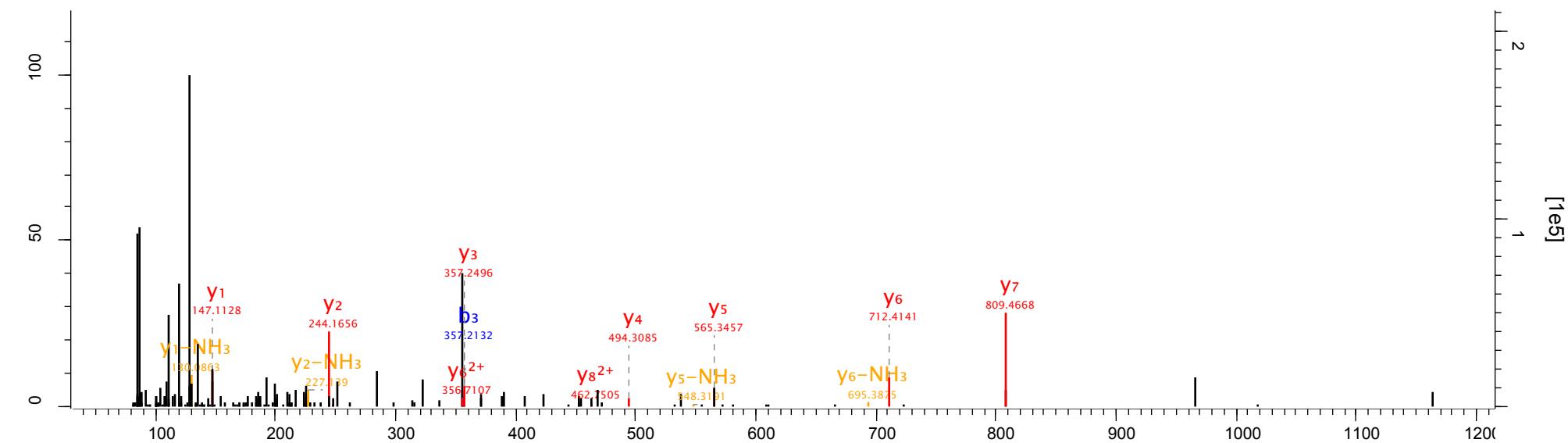
55.23

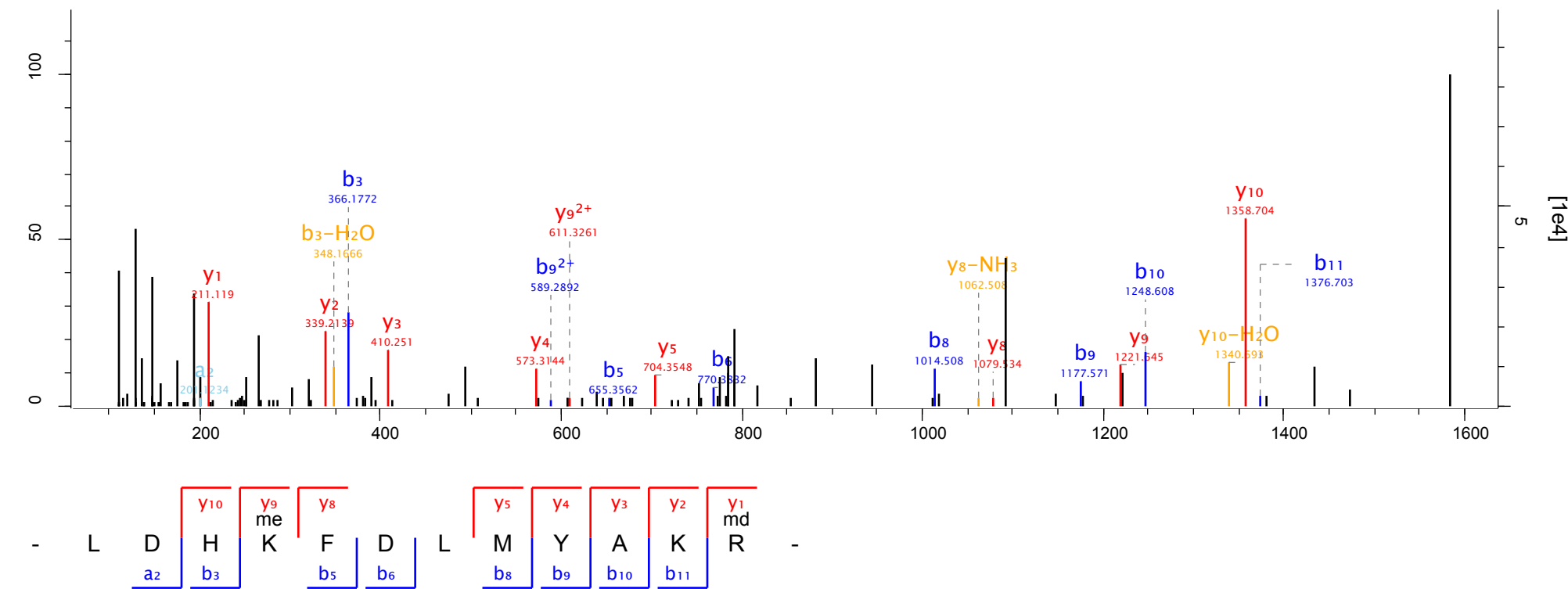
m/z

389.23

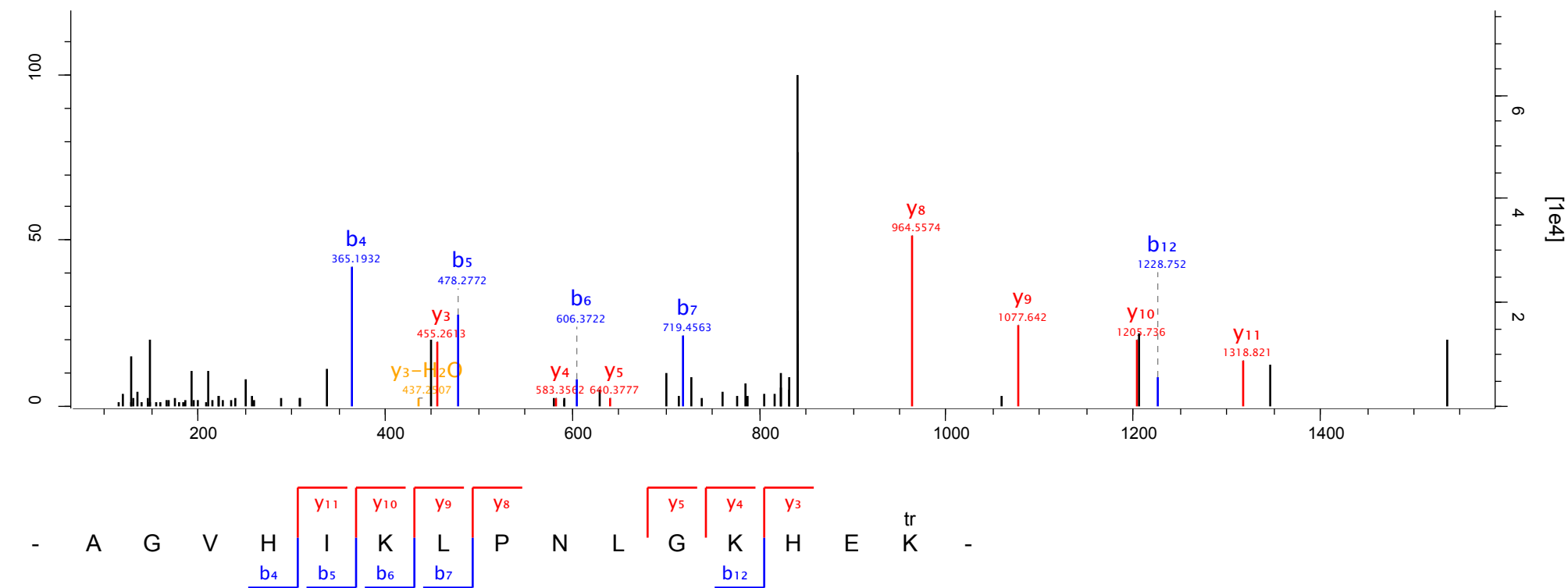
Gene names

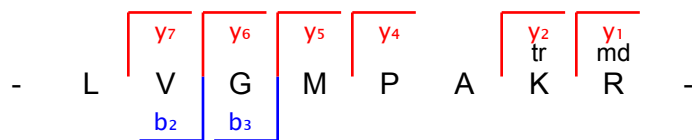
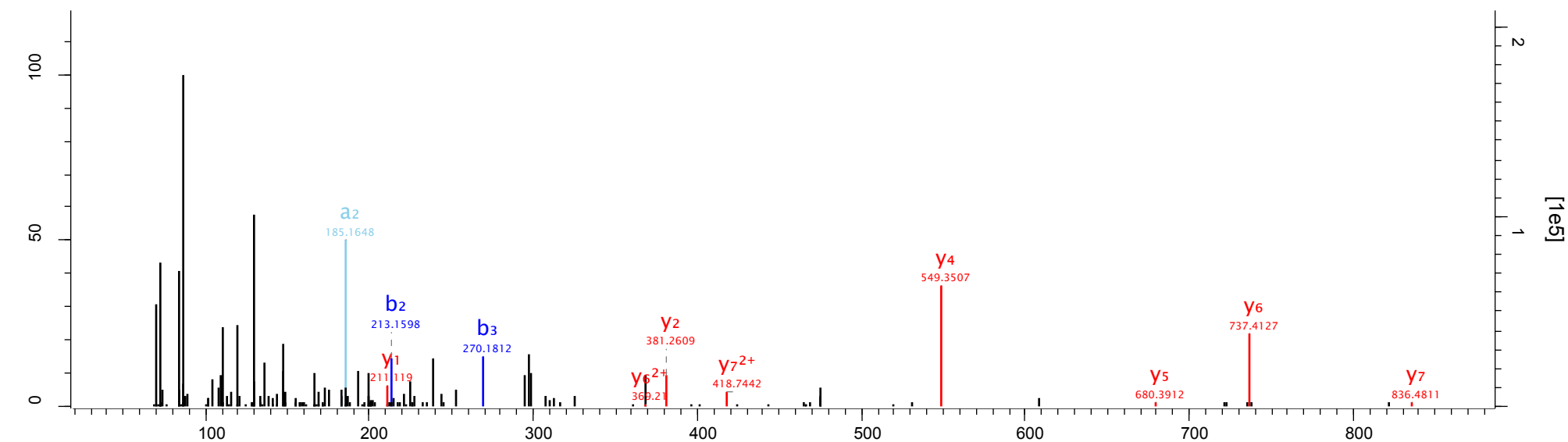
EEF1G





Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	7690	FTMS; HCD	49.19	842.01	CKB





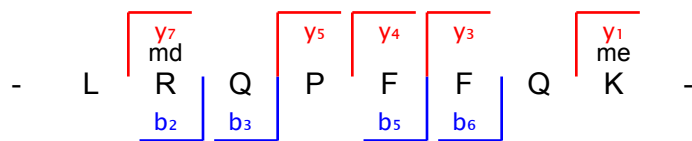
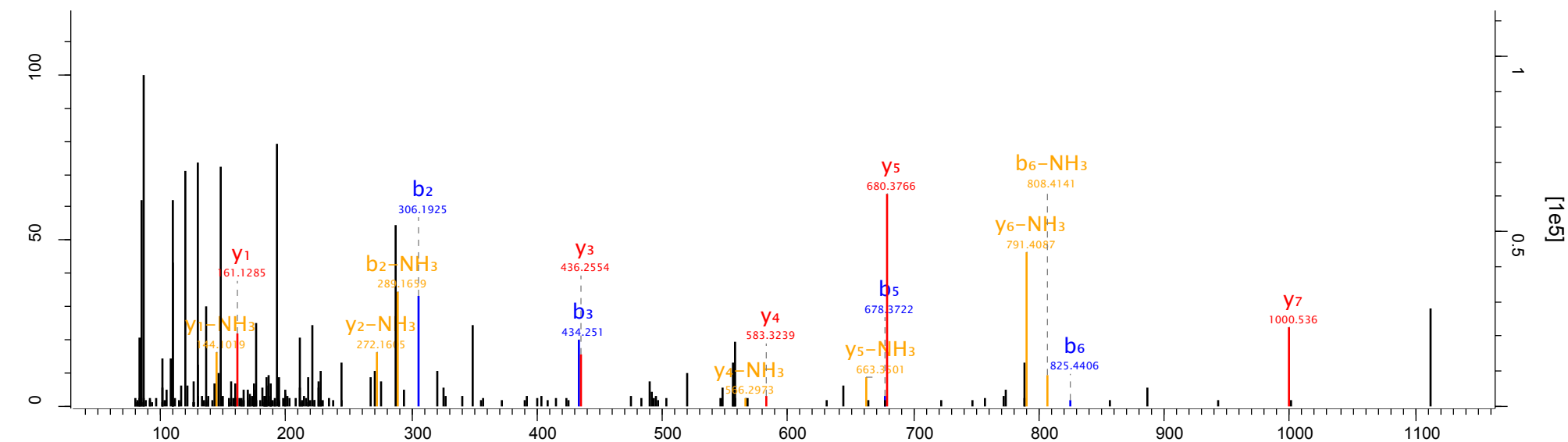
Zhibin_20150831_MDAOPA_SCX_1000mM_1

7849 FTMS; HCD

71.5

557.31

SET;SETSIP



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

7964

Method

FTMS; HCD

Score

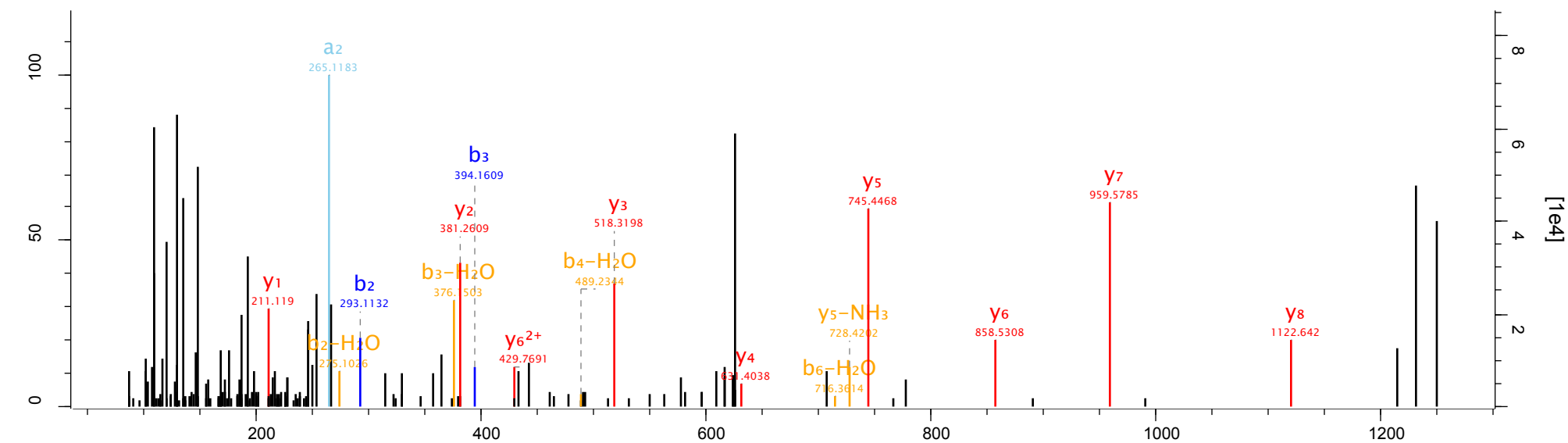
73.23

m/z

626.35

Gene names

RPL31



- E Y T I N I H K R -

b2 b3

Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan Method

7974 FTMS; HCD

Score

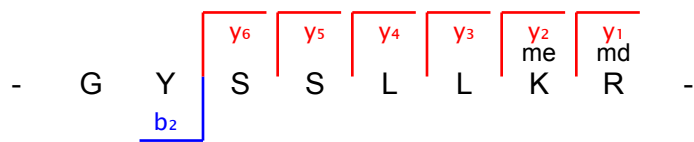
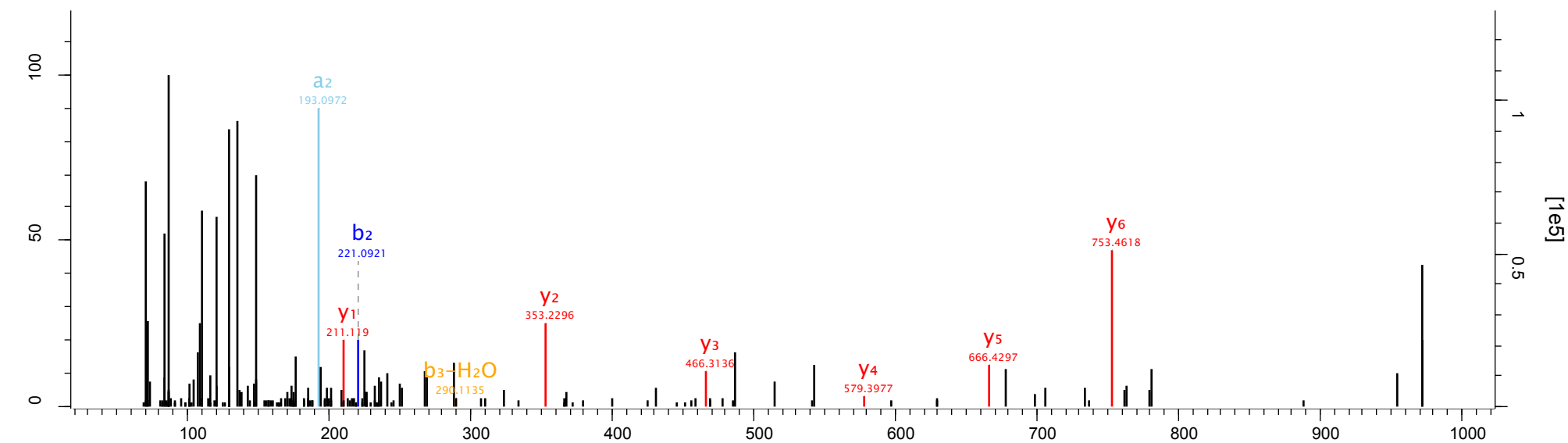
52.72

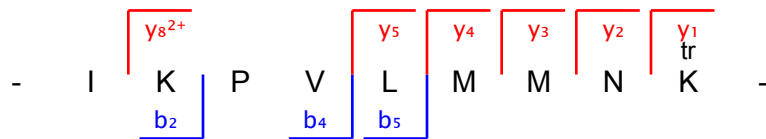
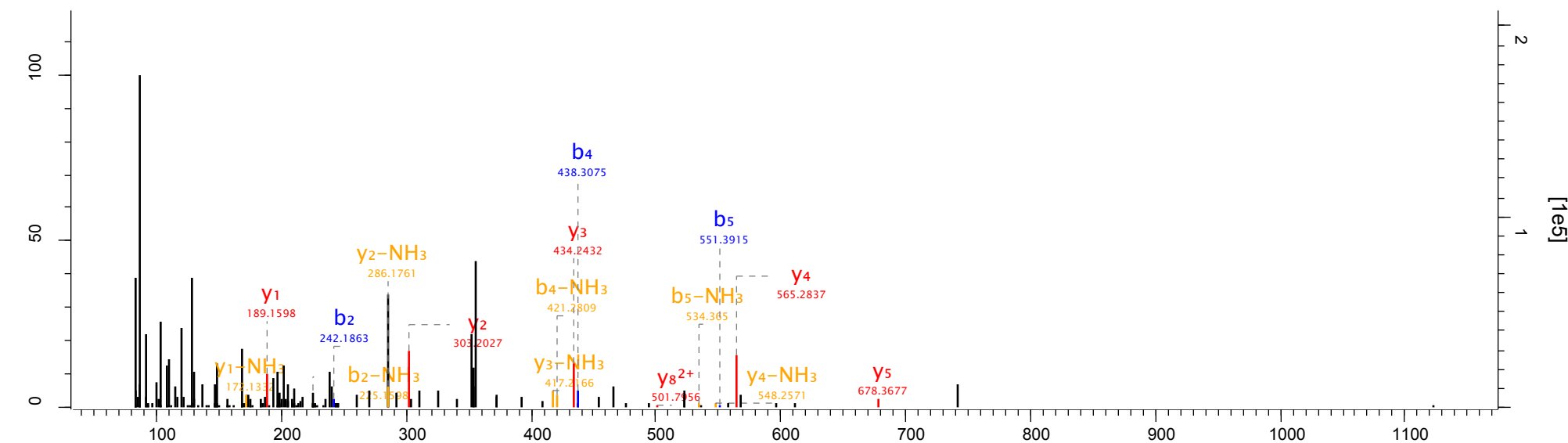
m/z

487.22

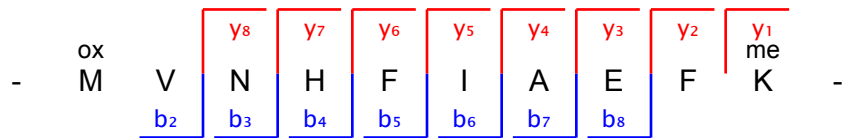
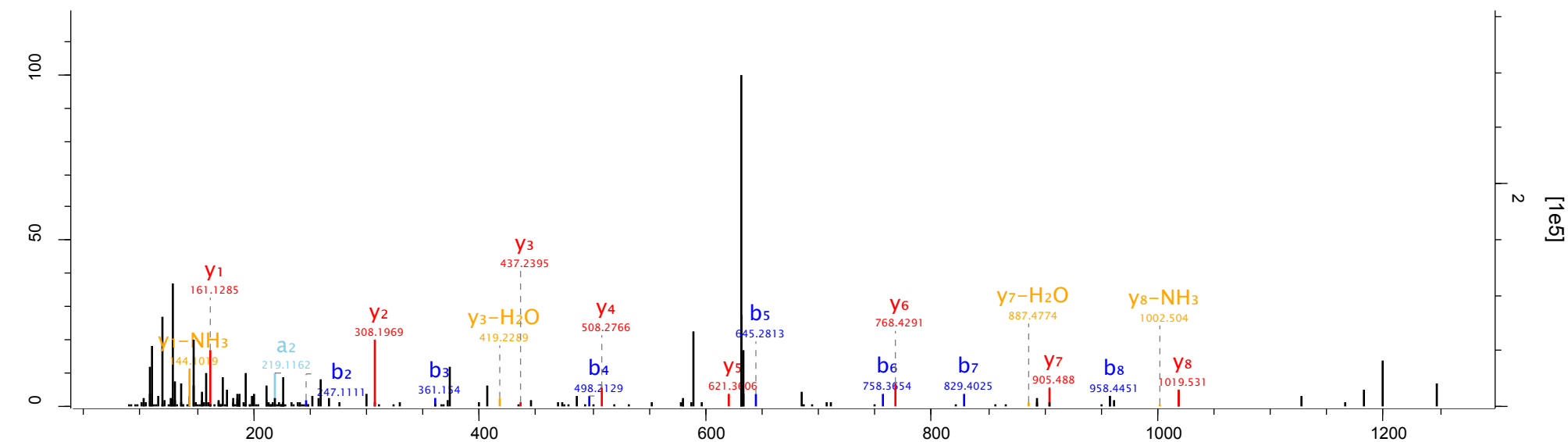
Gene names

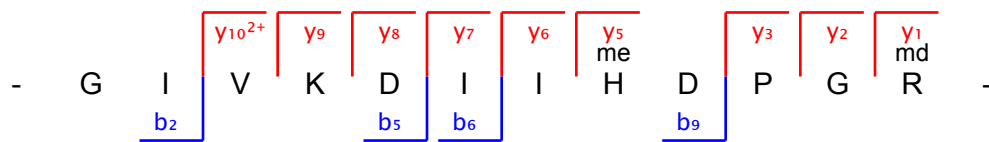
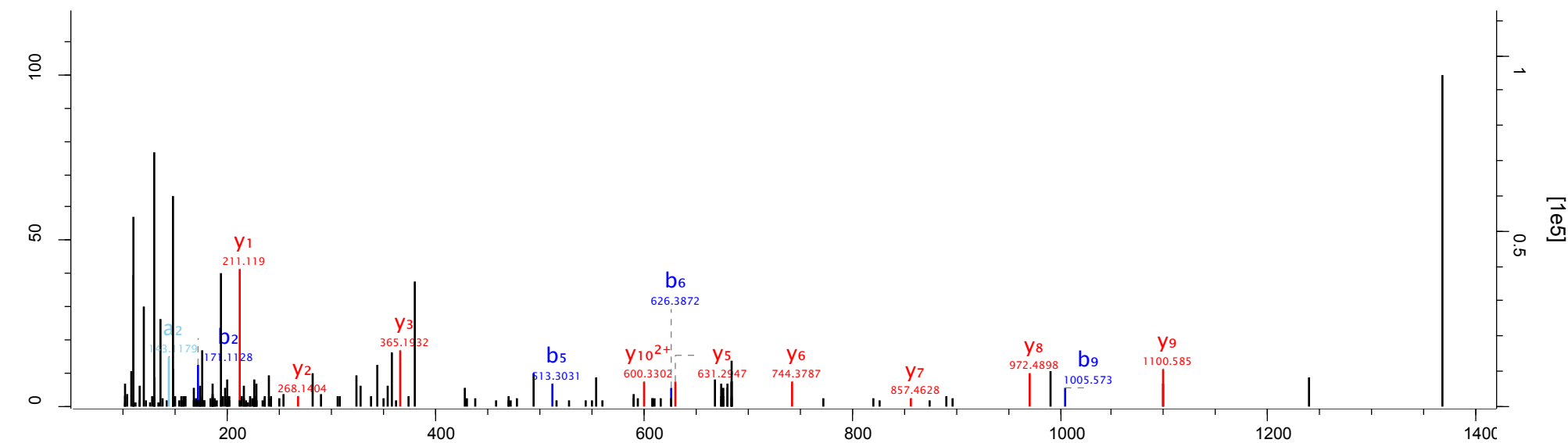
DDX5





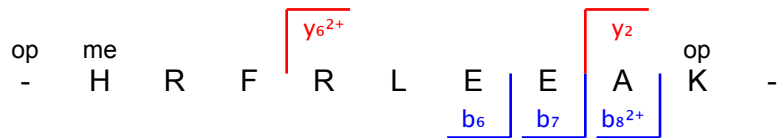
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	8394	FTMS; HCD	89.9	633.32	HSPA8



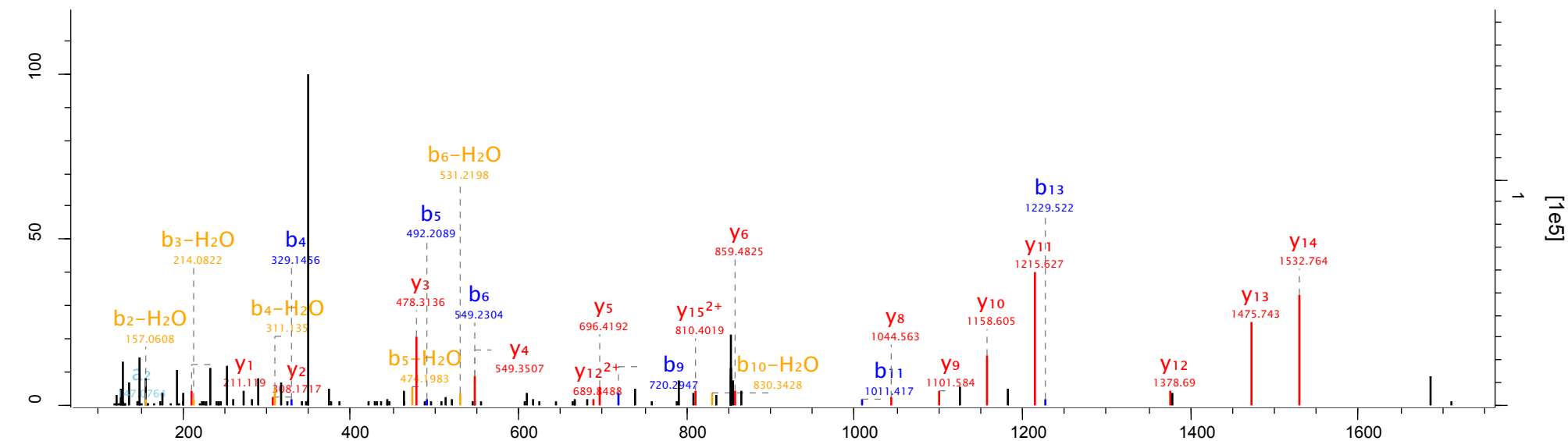


Gene names

FILIP1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	8581	FTMS; HCD	80.1	854.42	HNRNPA1



- S S G P Y G G G Q Y F A K P R -

Fragmentation mapping (b and y ions):

- b₂ (S)
- b₄ (P)
- b₅ (Y)
- b₆ (G)
- b₉ (G)
- b₁₁ (Y)
- b₁₃ (A)
- y₁ (R)
- y₂ (P)
- y₃ (K)
- y₄ (A)
- y₅ (F)
- y₆ (Y)
- y₈ (G)
- y₉ (G)
- y₁₀ (G)
- y₁₁ (G)
- y₁₂ (Y)
- y₁₃ (P)
- y₁₄ (G)
- y₁₅²⁺ (S)

Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan Method

8636 FTMS; HCD

Score

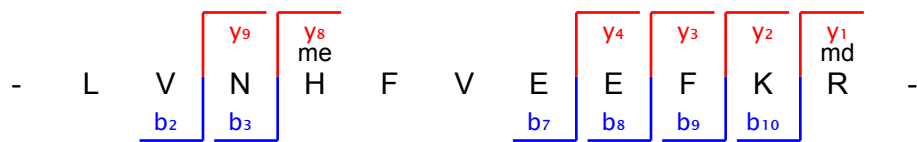
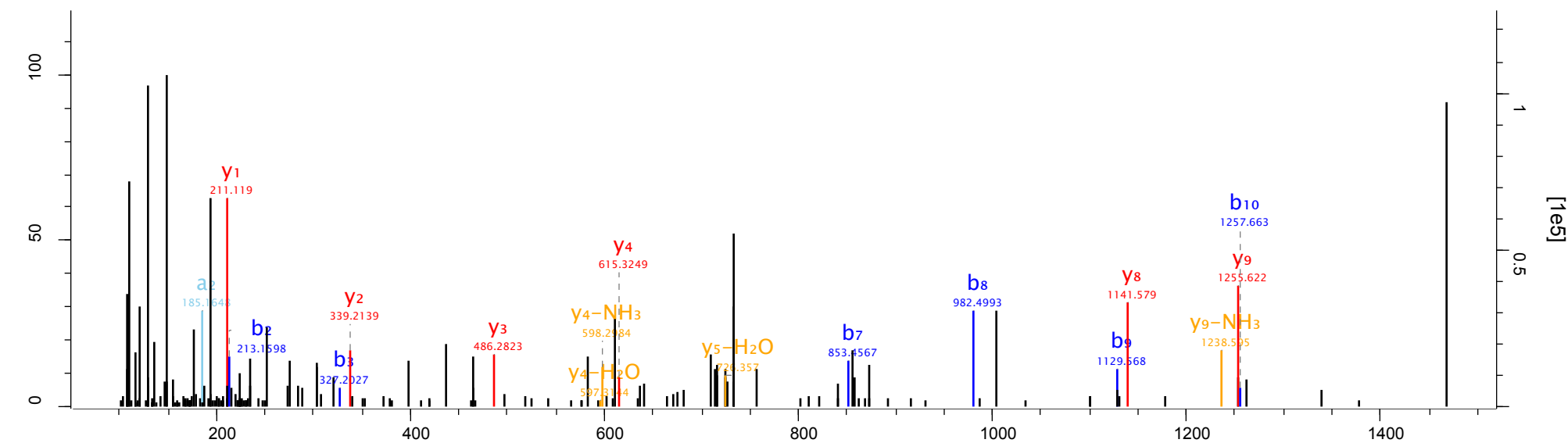
74.61

m/z

734.89

Gene names

HSPA1A



Raw file

Scan

Method

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_1000mM_1

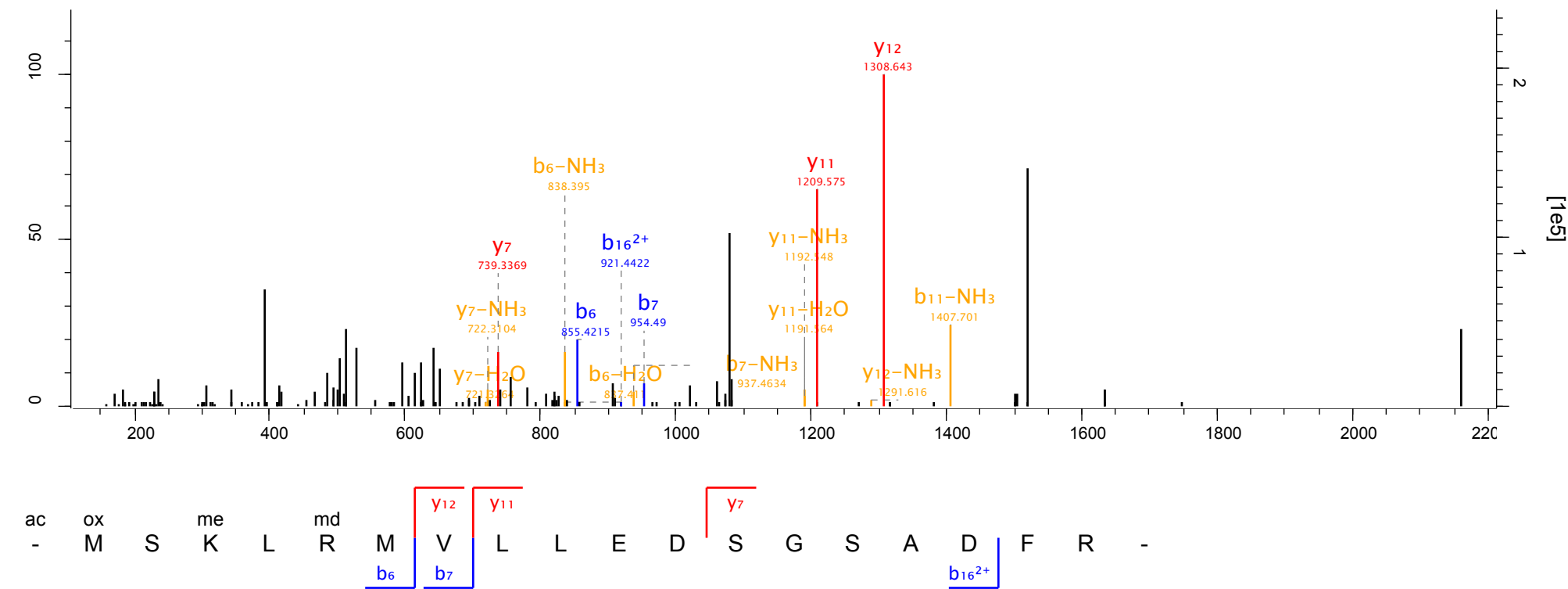
8847

FTMS; HCD

41.09

1082.53

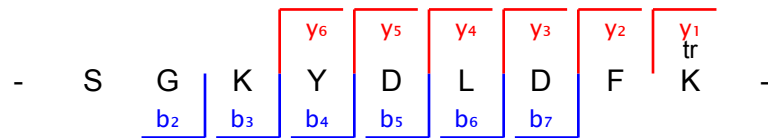
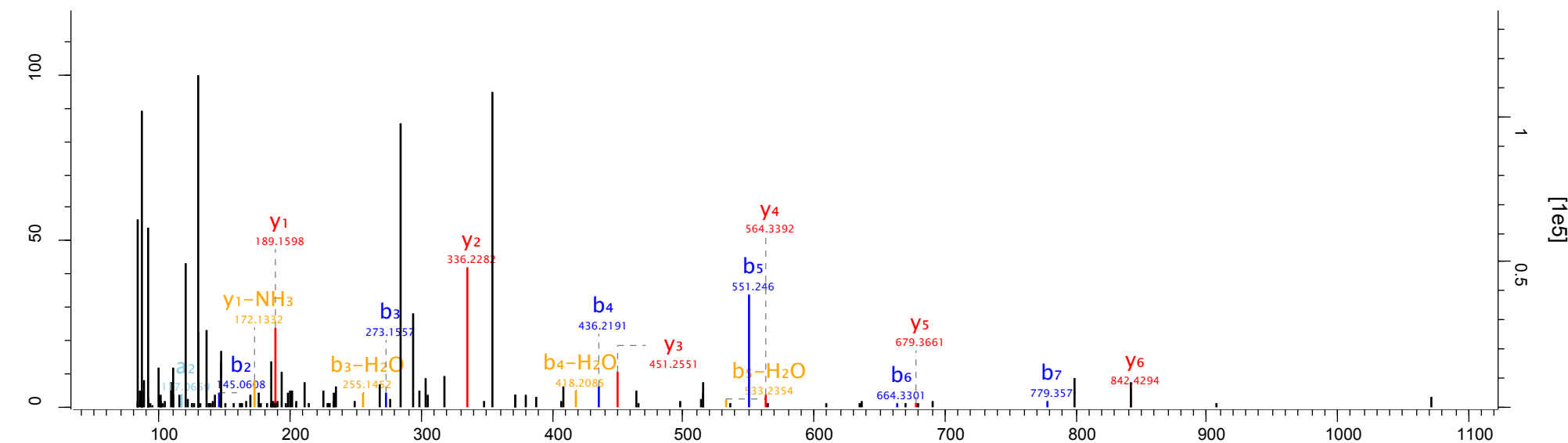
CD163

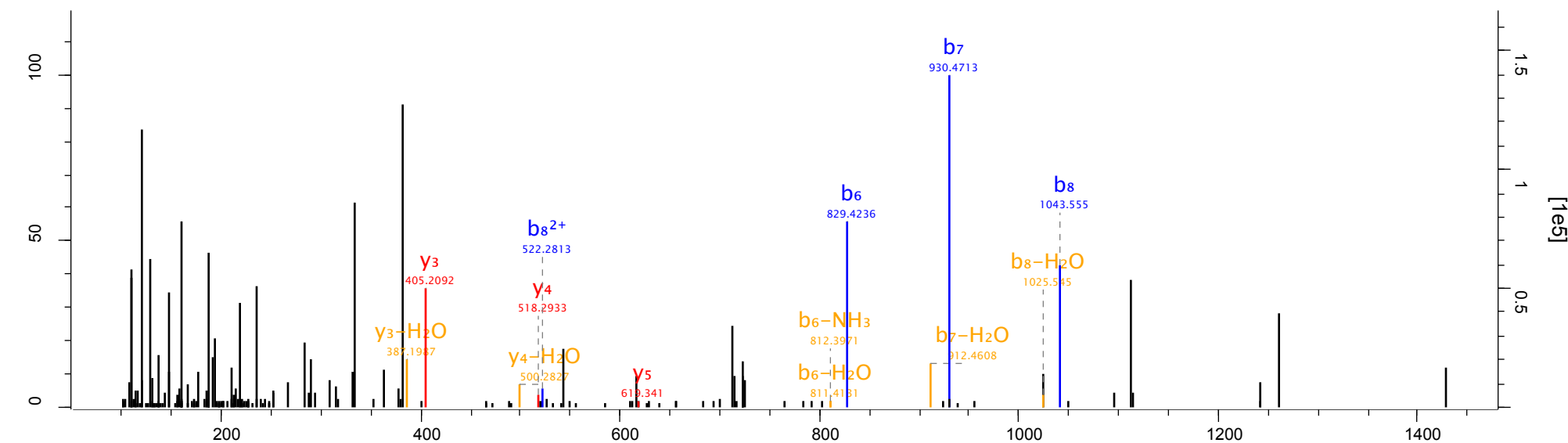


Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan	Method	Score	m/z	Gene names
8886	FTMS; HCD	52.39	372.2	ENO1





- ox M E E tr K P R T I T E R -

b_6 b_7 b_8 y_5 y_4 y_3

Zhibin_20150831_MDAOPA_SCX_1000mM_1

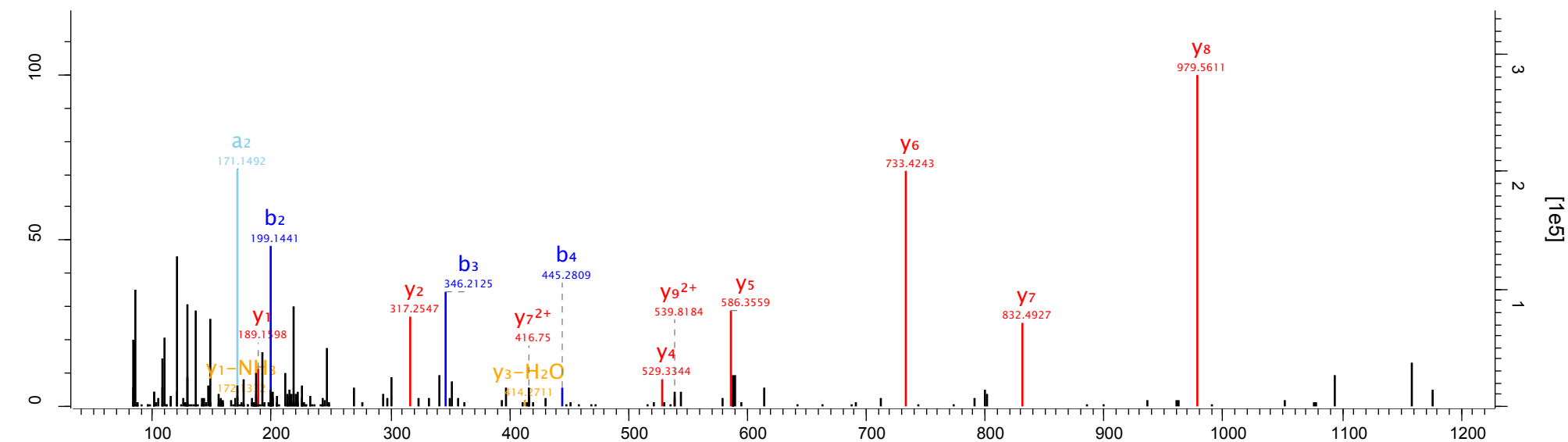
8910

FTMS; HCD

67.11

589.35

PRDX6



- V V V F F G P D K K -

b₂ b₃ b₄

y₉²⁺ y₈ y₇ y₆ y₅ y₄ y₂ y₁_{tr}

Zhibin_20150831_MDAOPA_SCX_1000mM_1

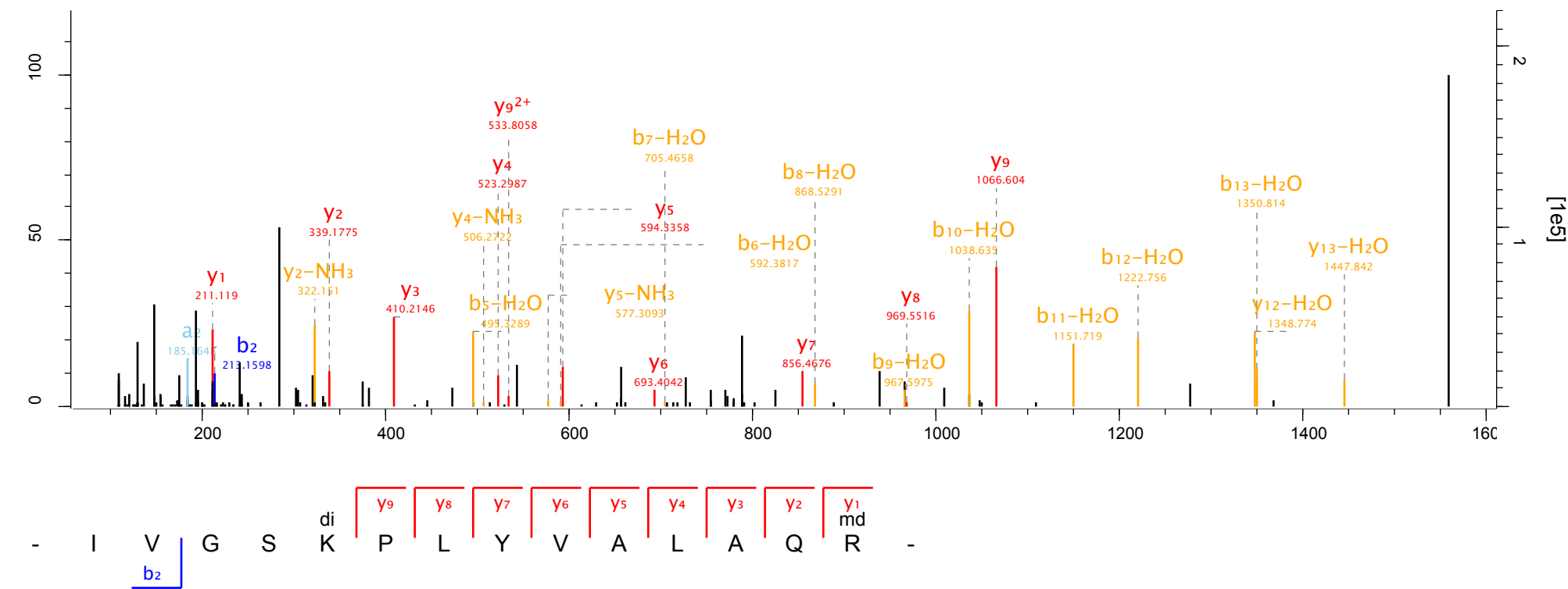
8968

FTMS; HCD

59.12

789.97

PABPC4



Zhibin_20150831_MDAOPA_SCX_1000mM_1

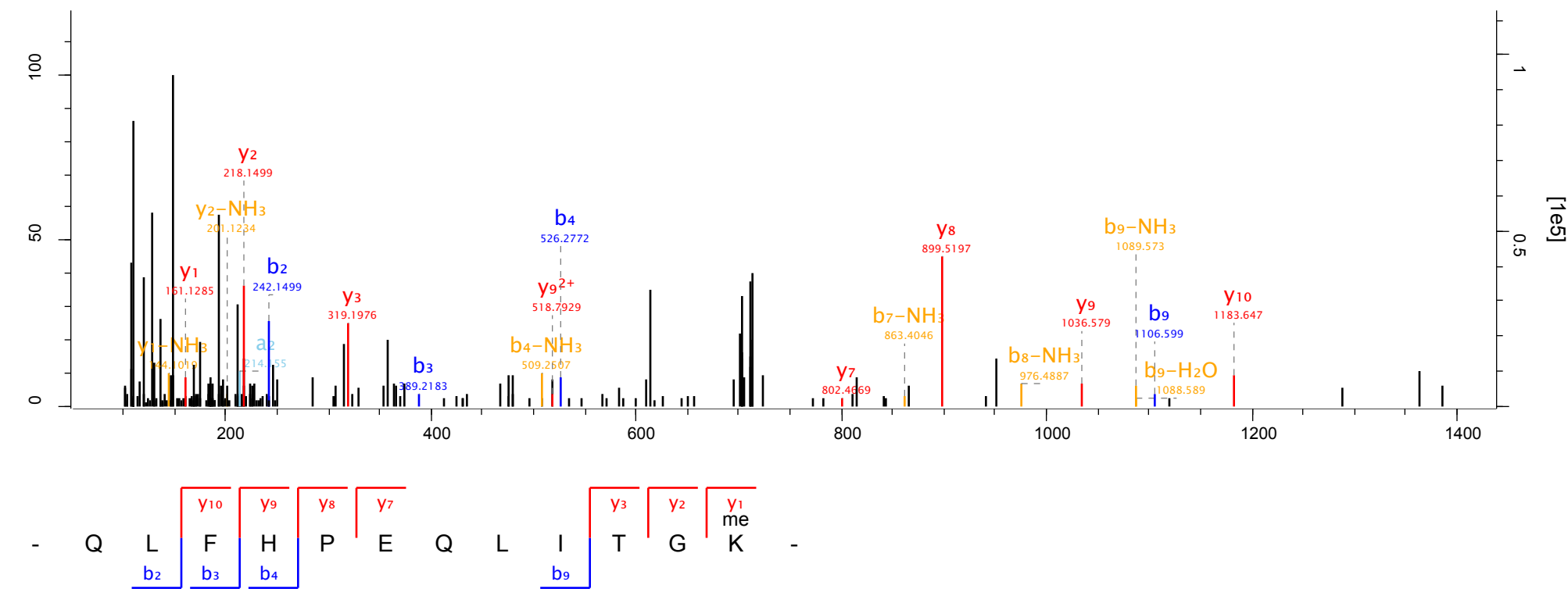
9304

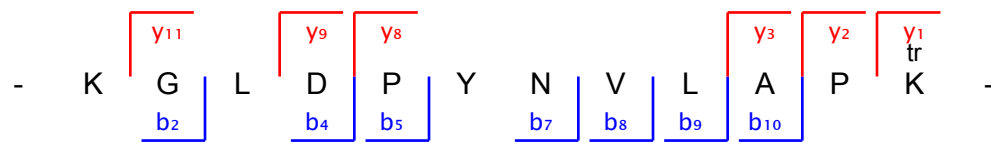
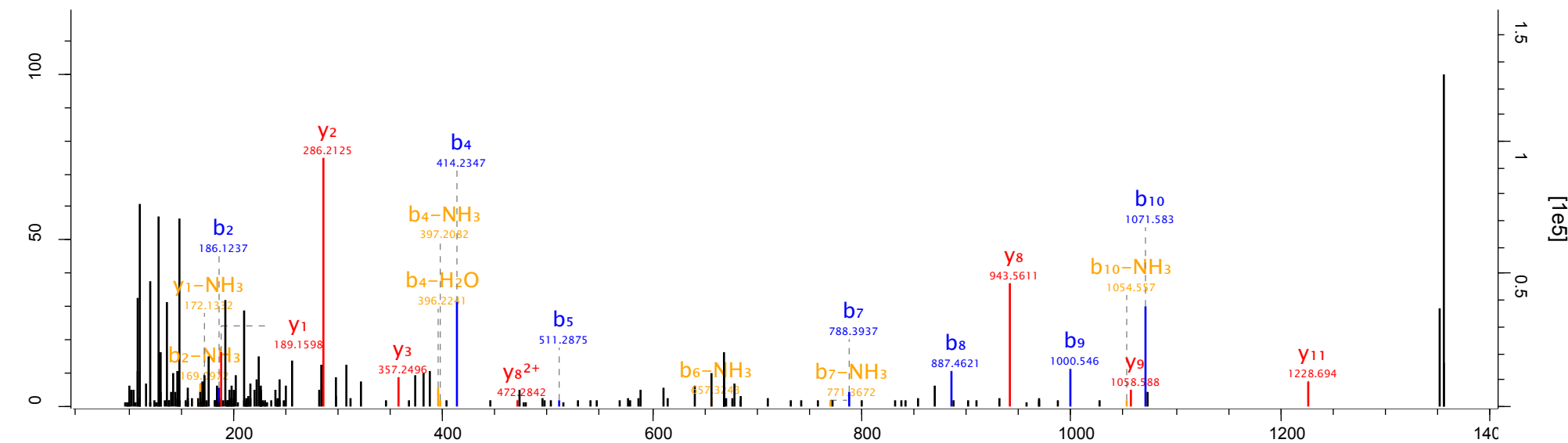
FTMS; HCD

45.28

713.32

TUBA1A;TUBA3C;TUBA3E;TUBA1B;TUBA4A





Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan Method

9518 FTMS; HCD

Score

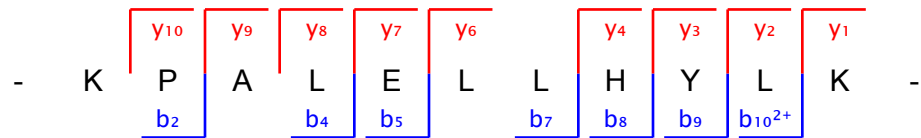
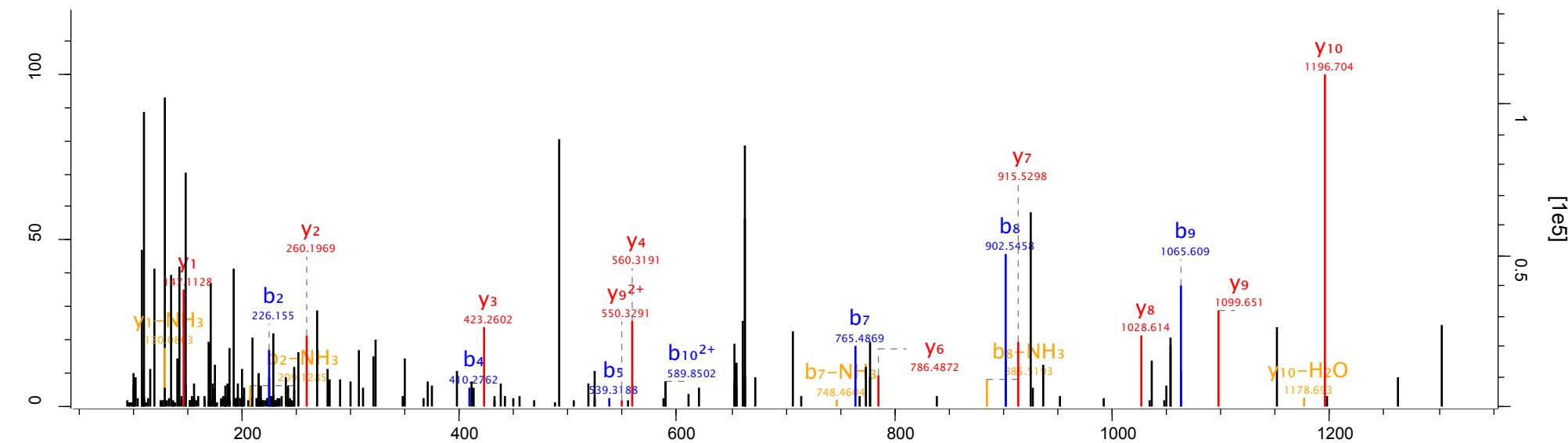
64.22

m/z

662.9

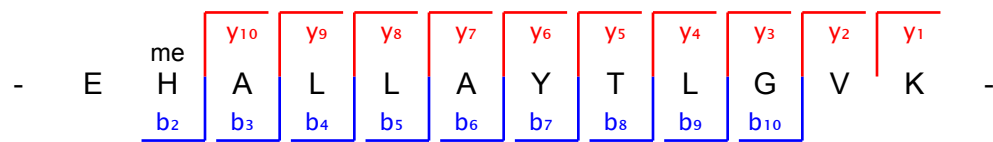
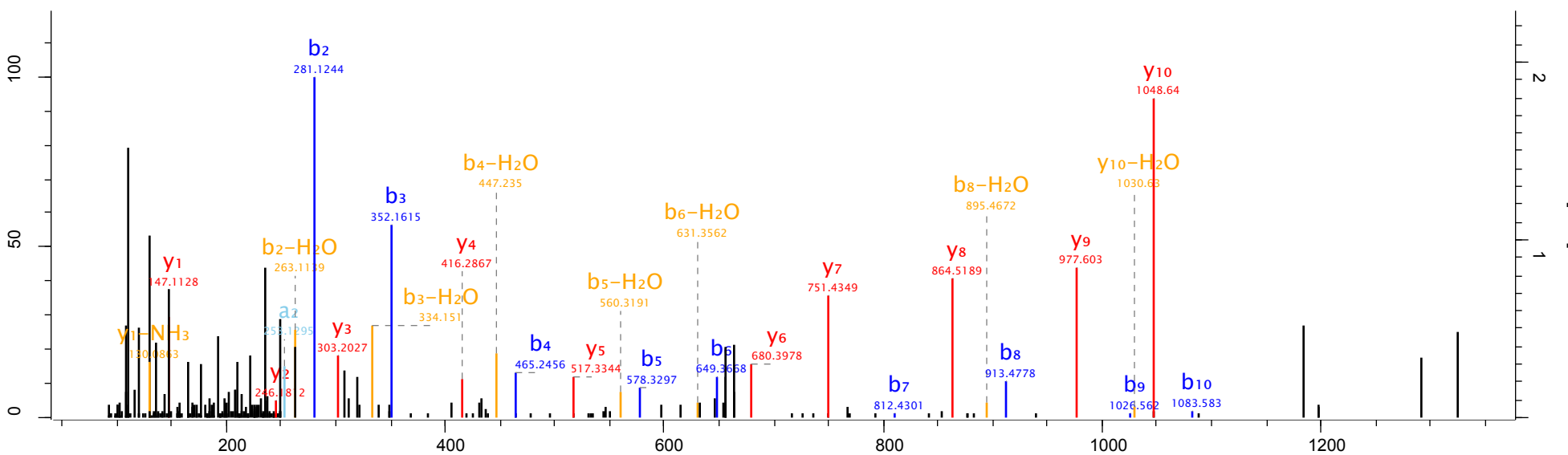
Gene names

DAP3



Gene names

EEF1A1;EEF1A1P5;EEF1A2



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan Method

9581 FTMS; HCD

Score

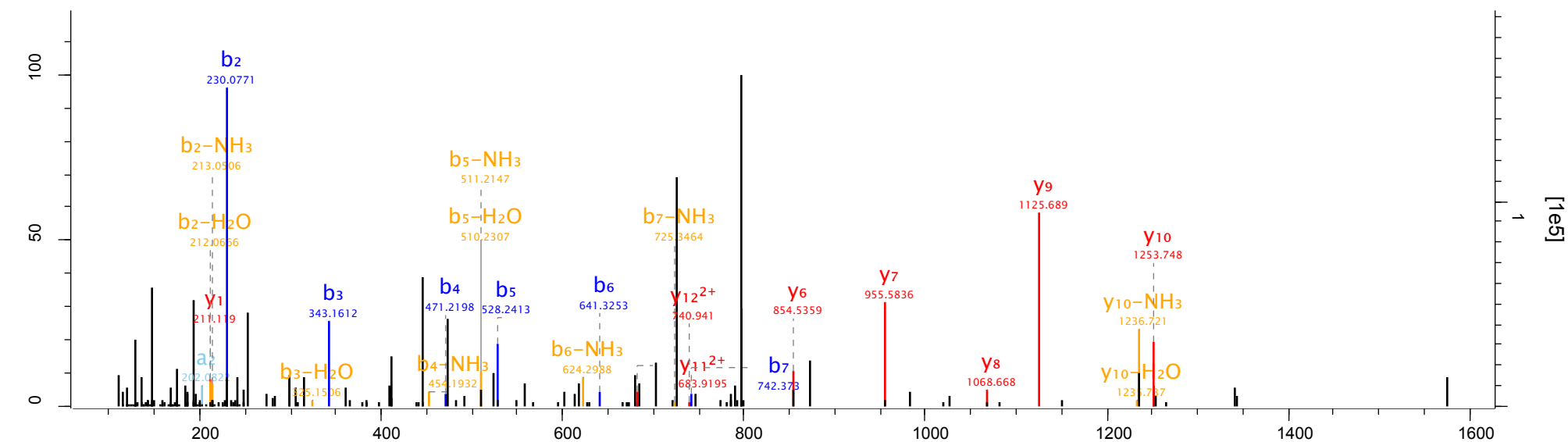
84.73

m/z

798.96

Gene names

HIST1H4A



- D N I Q G I T K P A I R md y₁ md R -

b₂ b₃ b₄ b₅ b₆ b₇ y₁₂²⁺ y₁₁²⁺ y₁₀ y₉ y₈ y₇ y₆ tr

Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

9627

Method

FTMS; HCD

Score

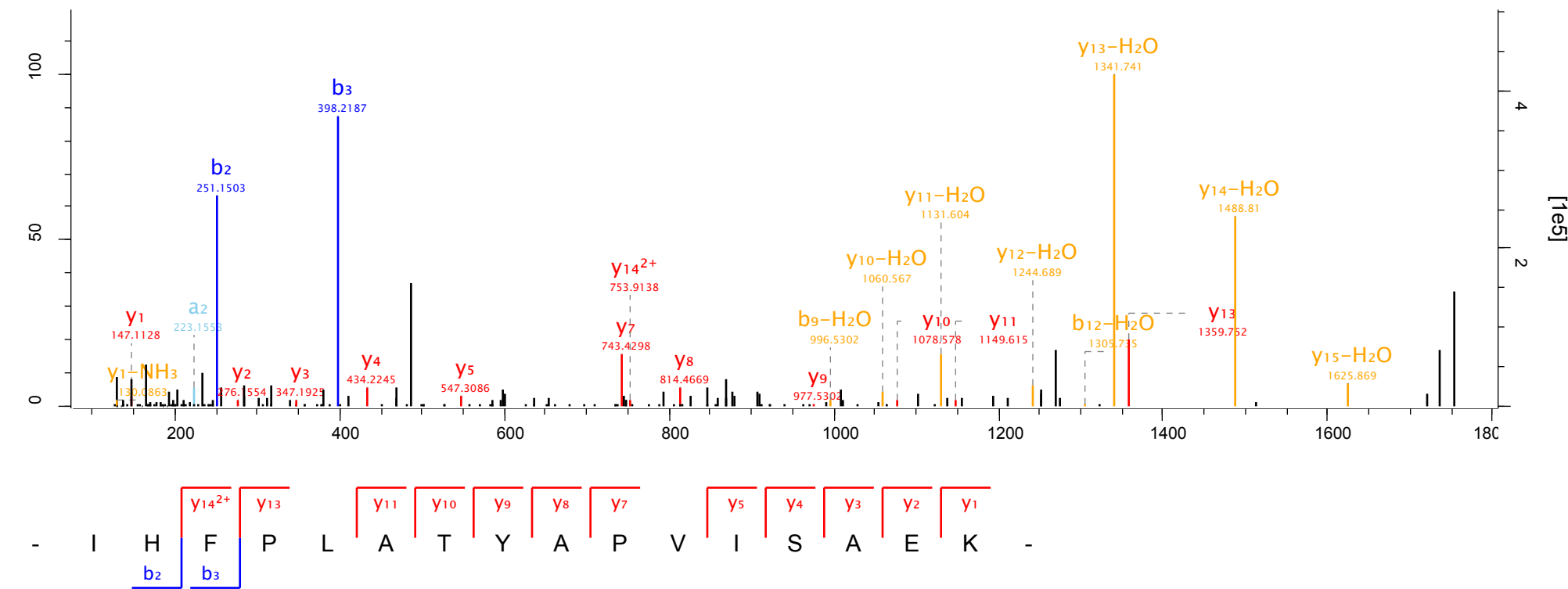
52.11

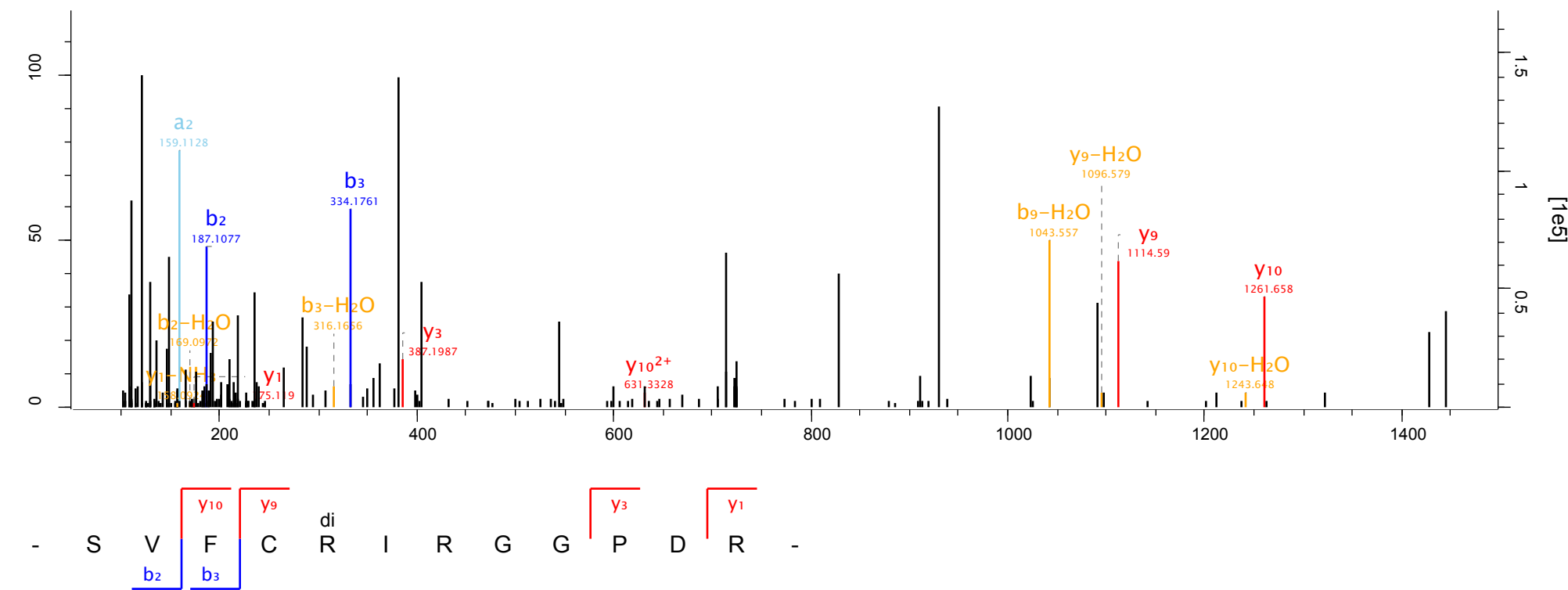
m/z

879.49

Gene names

TUBA1A;TUBA3C;TUBA3E;TUBA1B;TUBA4A





Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

Method

Score

m/z

Gene names

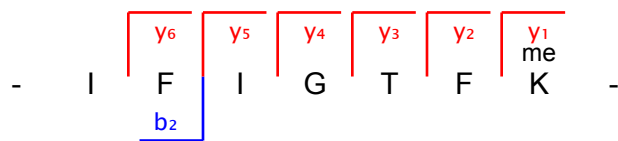
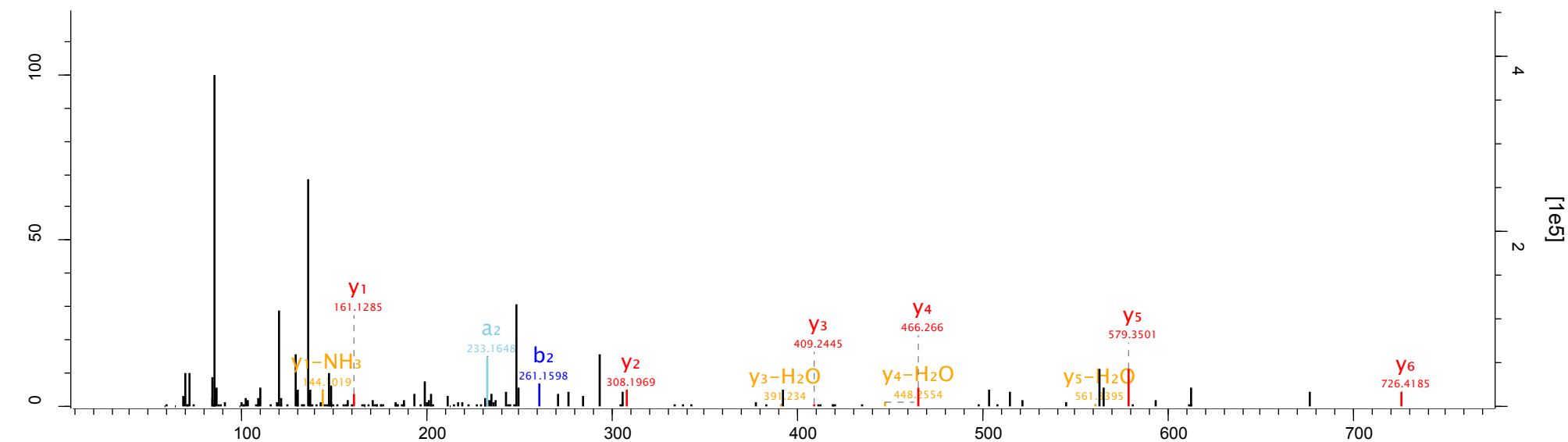
9739

FTMS; HCD

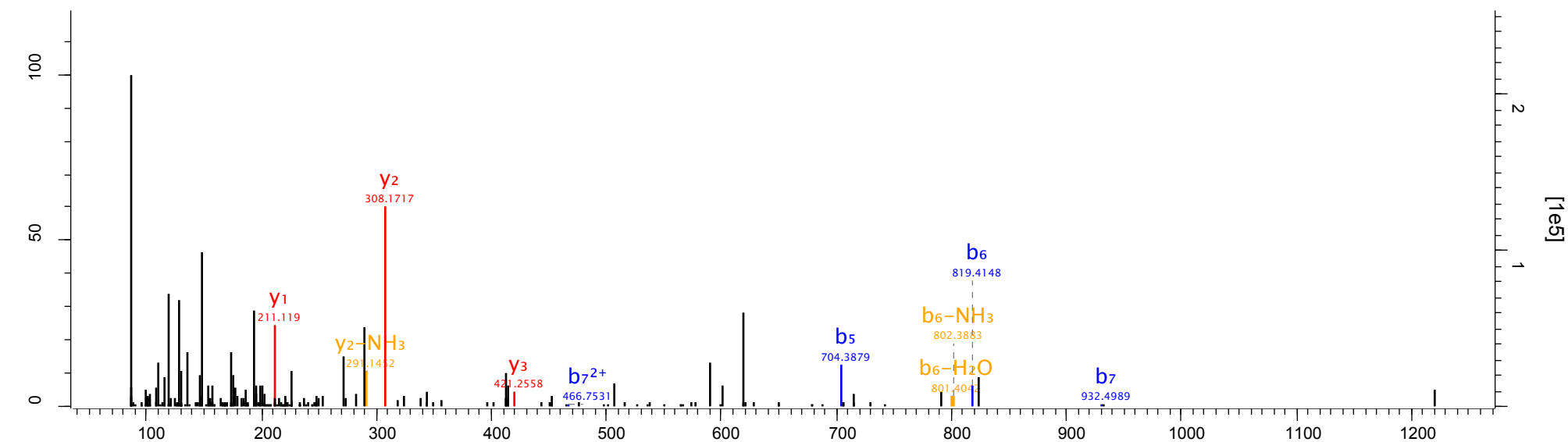
55.9

420.75

SNRPN;SNRPNB



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	9818	FTMS; HCD	40.72	413.89	WNT5A



op					di					
-	A	A	md	P	K	D	L	P	md	-
					b5	b6	b7			

Zhibin_20150831_MDAOPA_SCX_1000mM_1

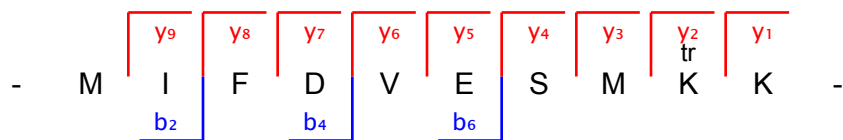
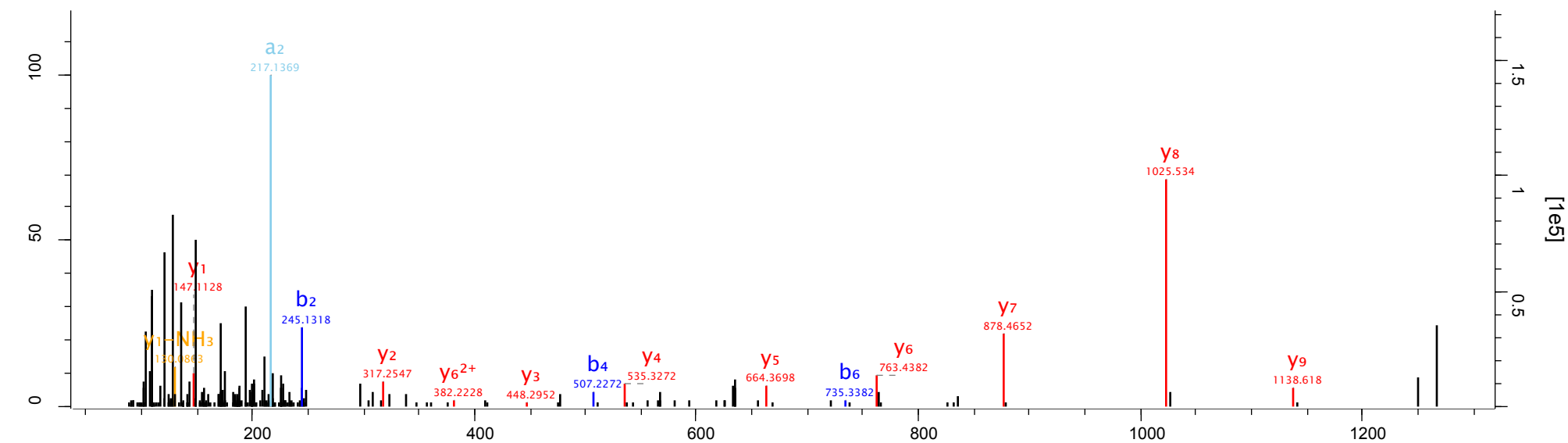
9832

FTMS; HCD

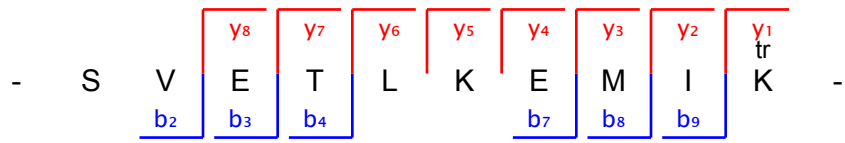
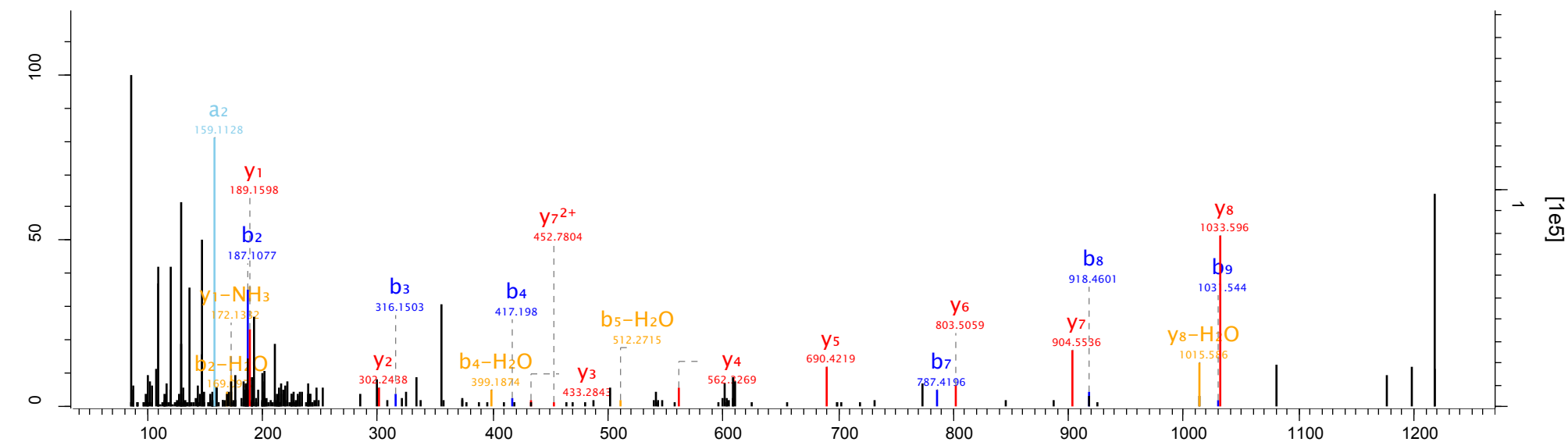
70.94

635.33

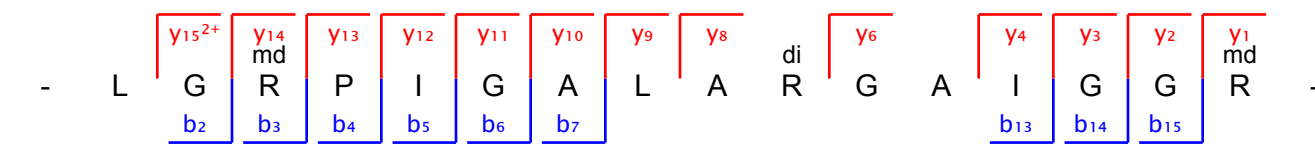
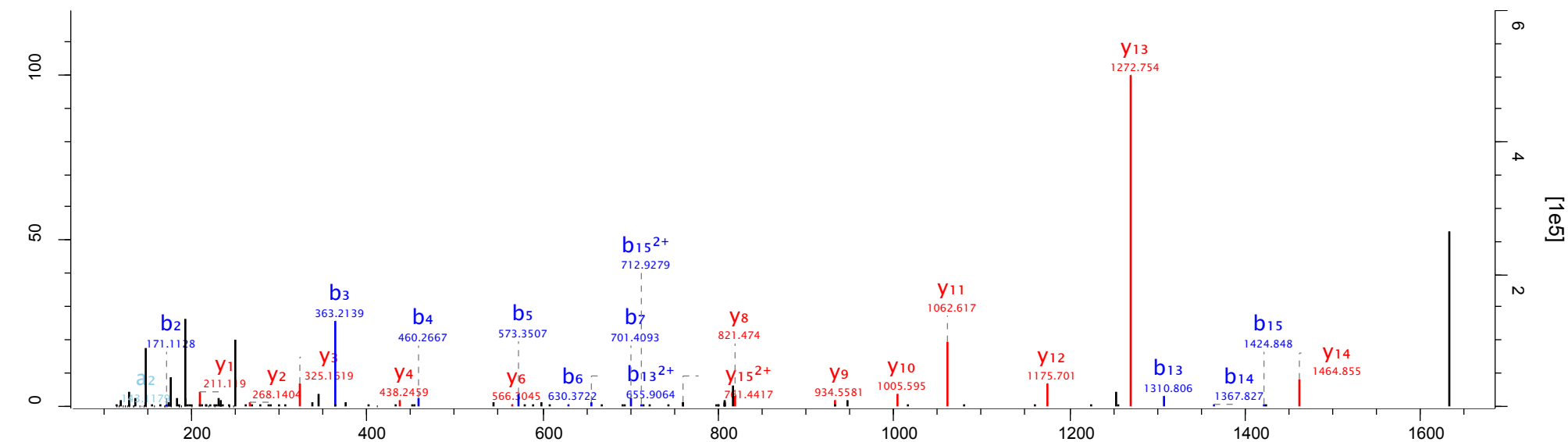
PARP1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	10103	FTMS; HCD	94.77	610.35	PKM



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	10112	FTMS; HCD	126.71	817.98	CHTOP



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

10137

Method

FTMS; HCD

Score

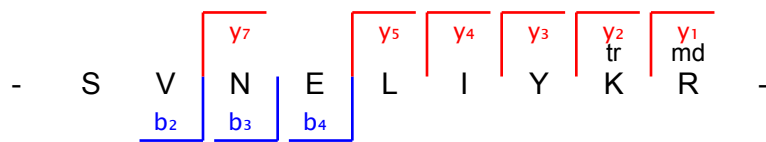
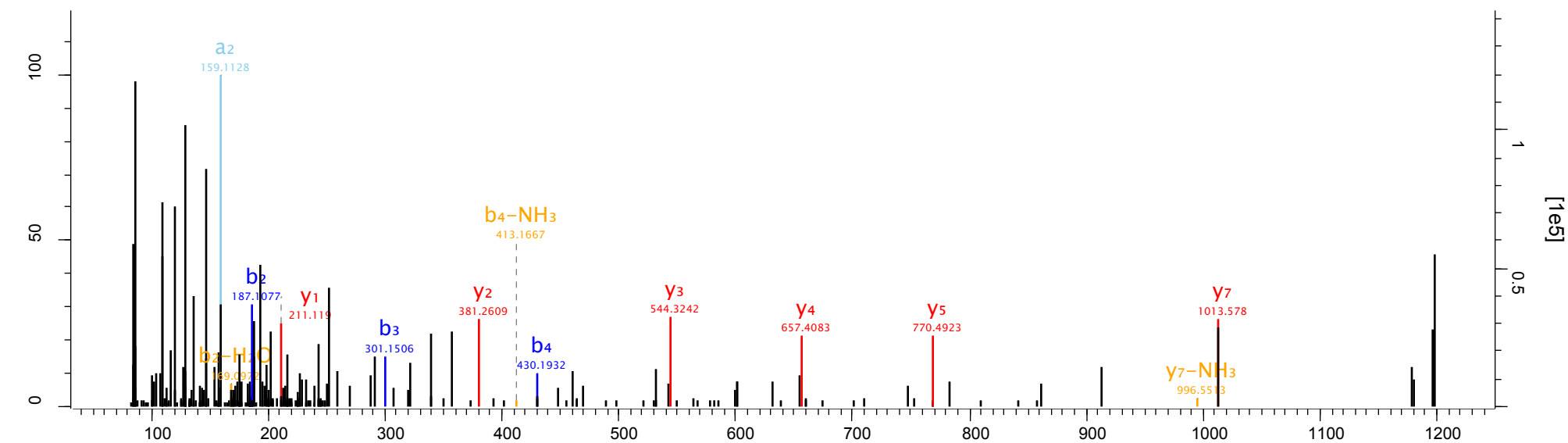
63.22

m/z

600.35

Gene names

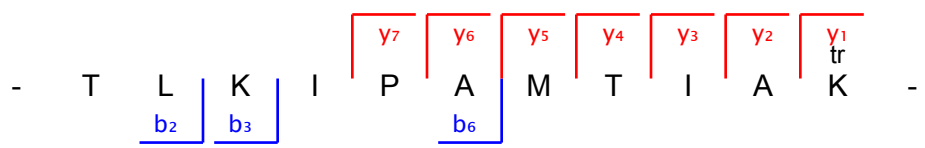
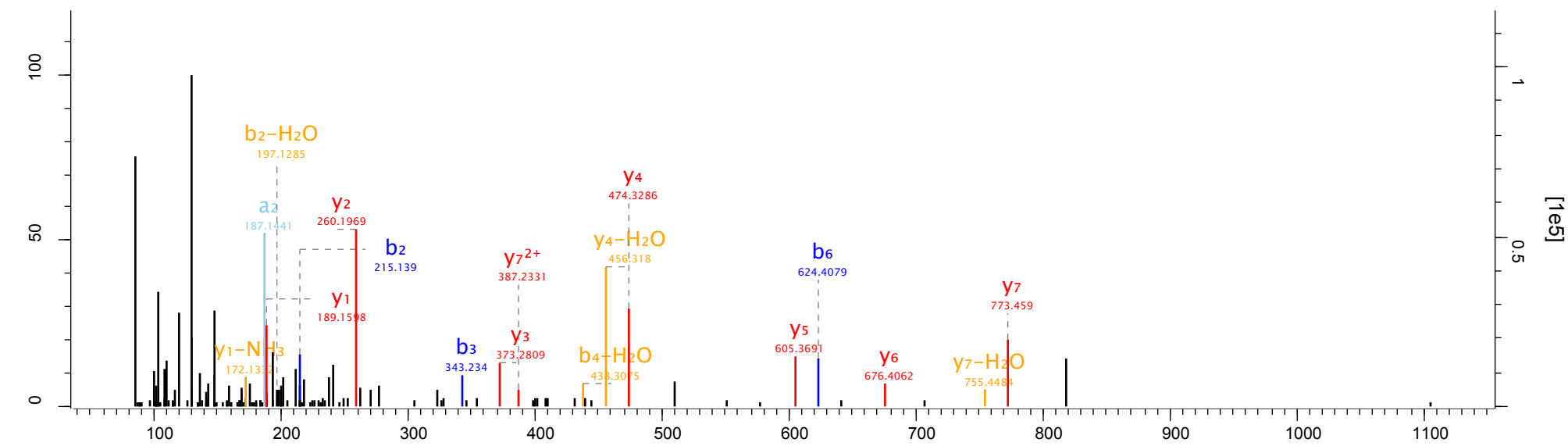
RPL7



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan	Method	Score	m/z	Gene names
10187	FTMS; HCD	91.96	410.26	HSPD1



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

10207

Method

FTMS; HCD

Score

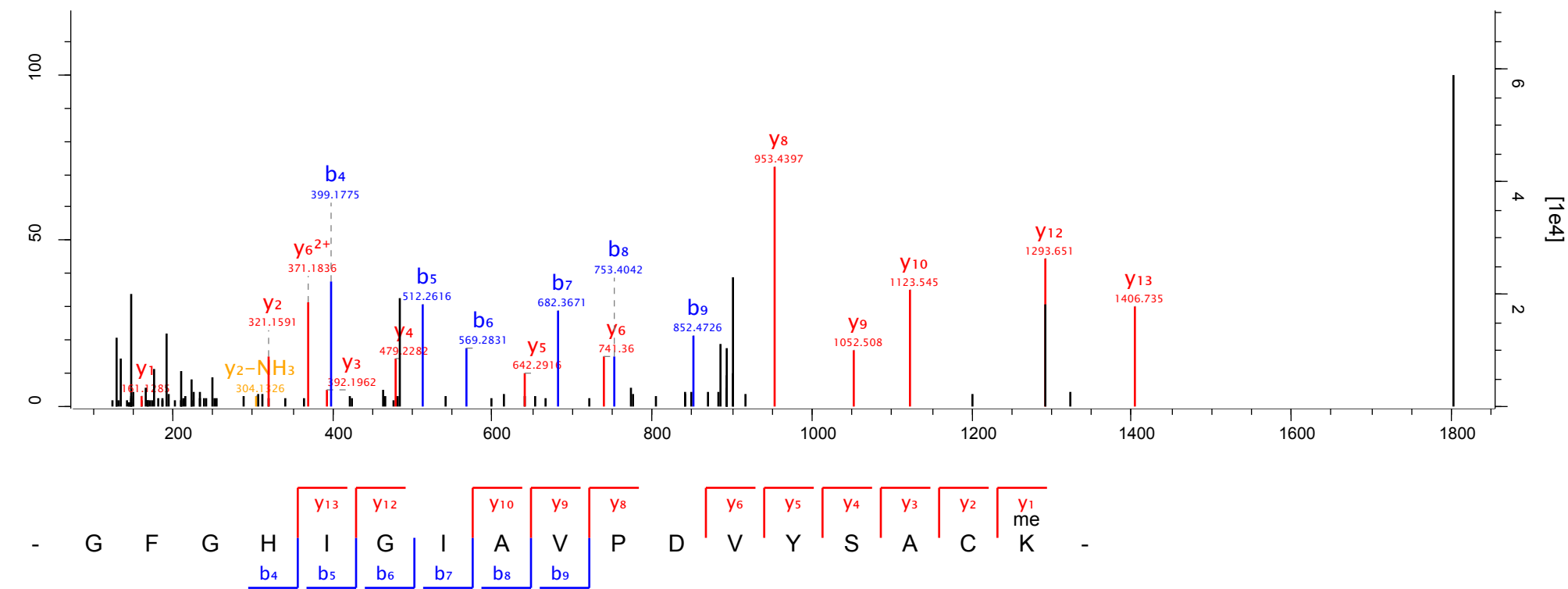
84.51

m/z

902.96

Gene names

GLO1



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

10390

Method

FTMS; HCD

Score

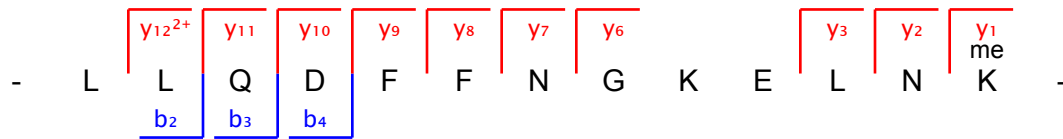
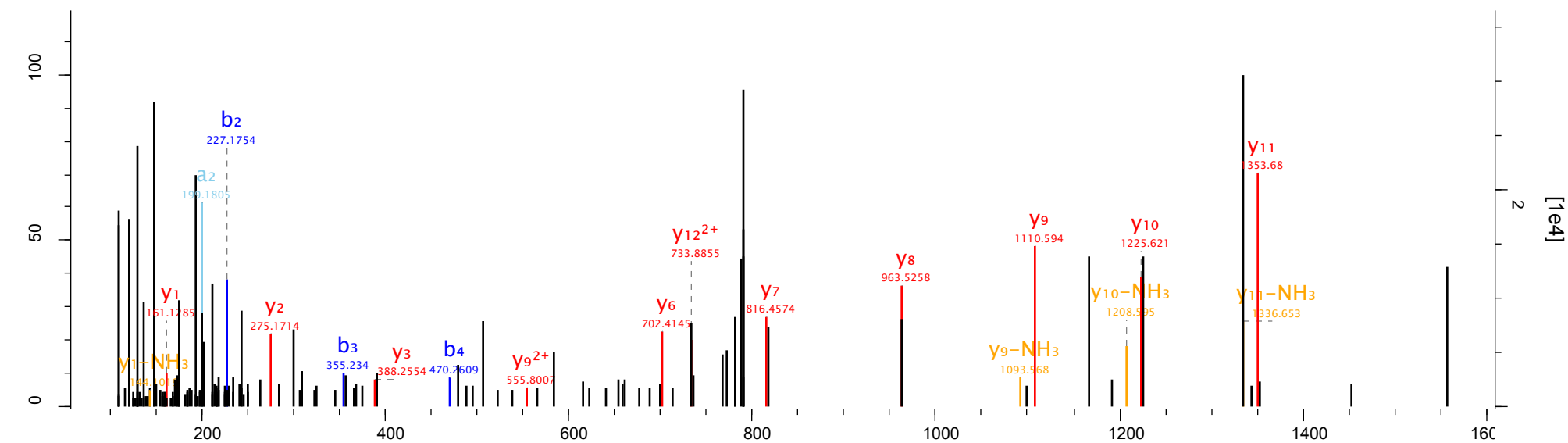
71.56

m/z

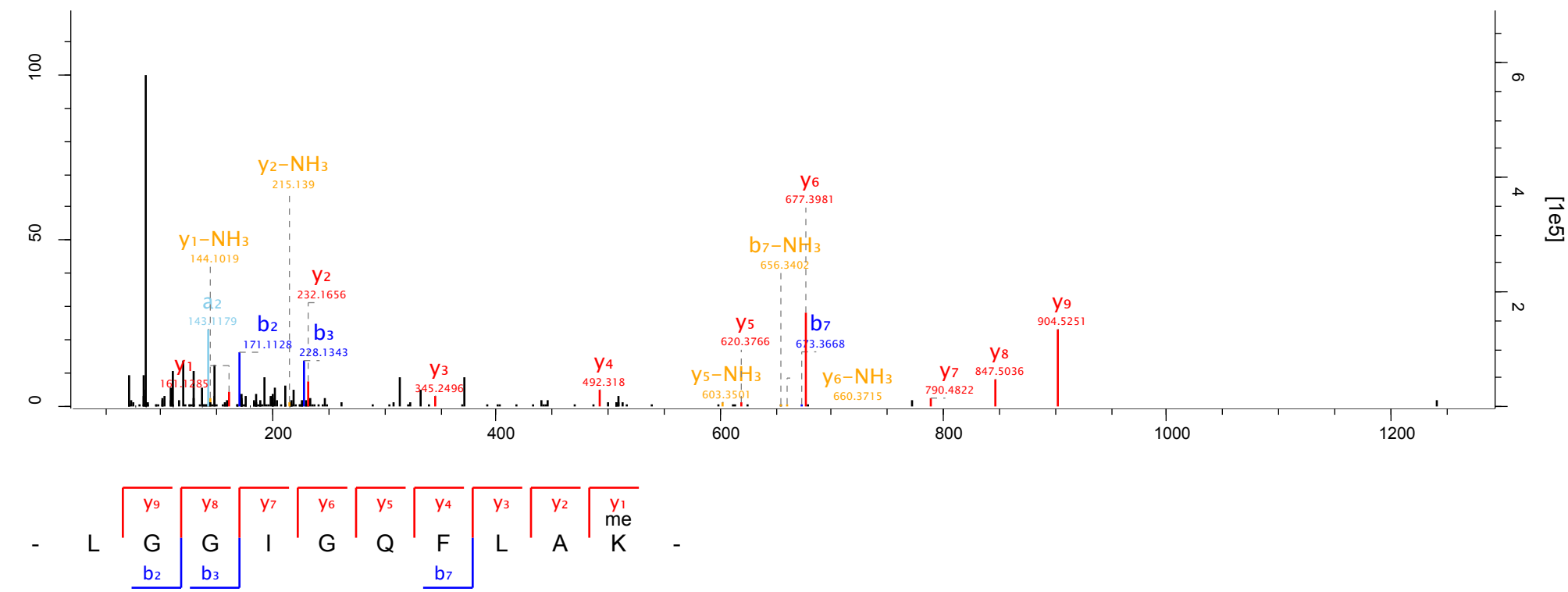
790.43

Gene names

HSPA8;HSPA2;HSPA6



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	10493	FTMS; HCD	80.69	509.31	DHX9



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

10573

Method

FTMS; HCD

Score

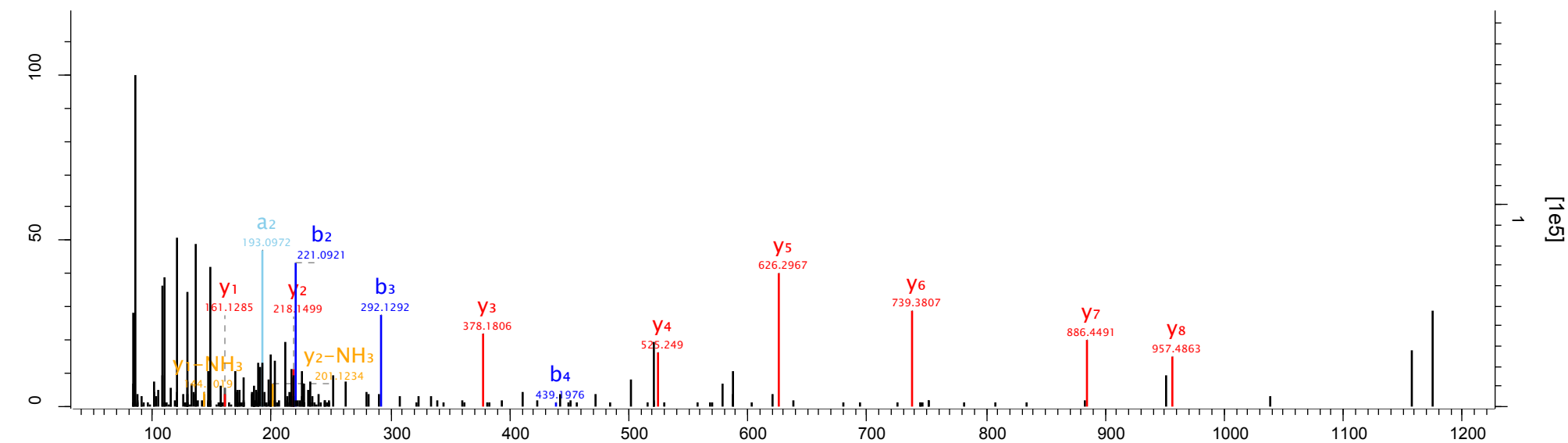
48.28

m/z

589.29

Gene names

HNRNPR



- G Y A F I T F C G K -

Peptide sequence: Y A F I T F C G K

Fragmentation sites (b and y ions):

- b2 (between Y and A)
- b3 (between A and F)
- b4 (between F and I)
- y1 (between K and G)
- y2 (between G and C)
- y3 (between C and F)
- y4 (between F and T)
- y5 (between T and I)
- y6 (between I and F)
- y7 (between F and A)
- y8 (between A and Y)

Raw file

Zhbin_20150831_MDAOPA_SCX_1000mM_1

Scan

10653

Method

FTMS; HCD

Score

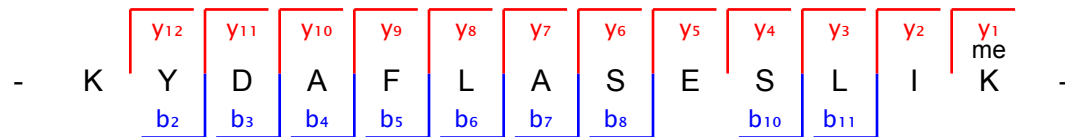
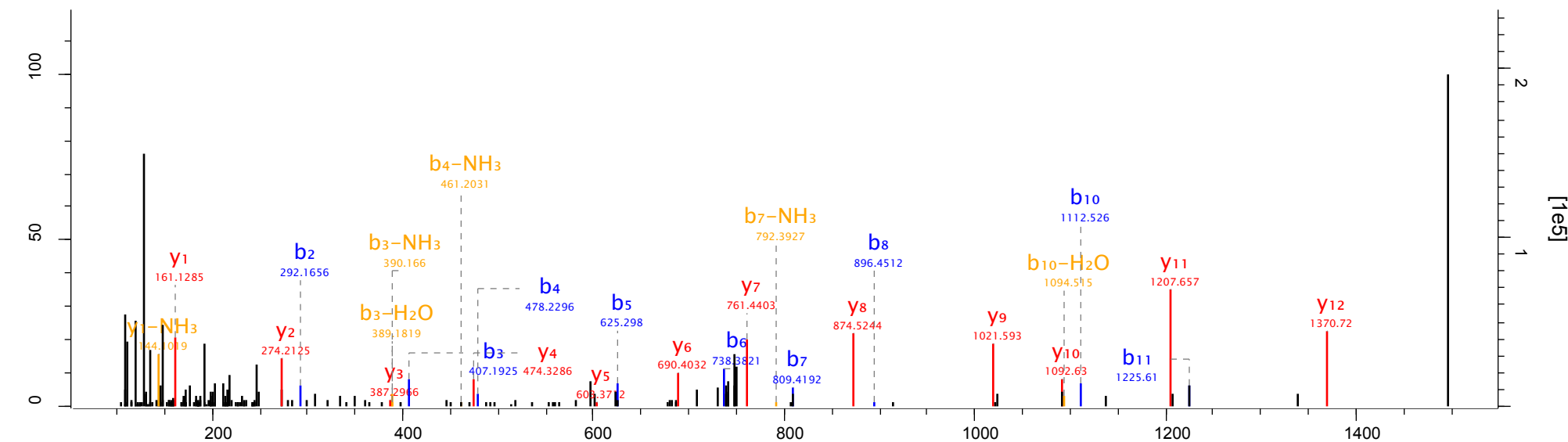
102.29

m/z

749.91

Gene names

RPL10A



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

10684

Method

FTMS; HCD

Score

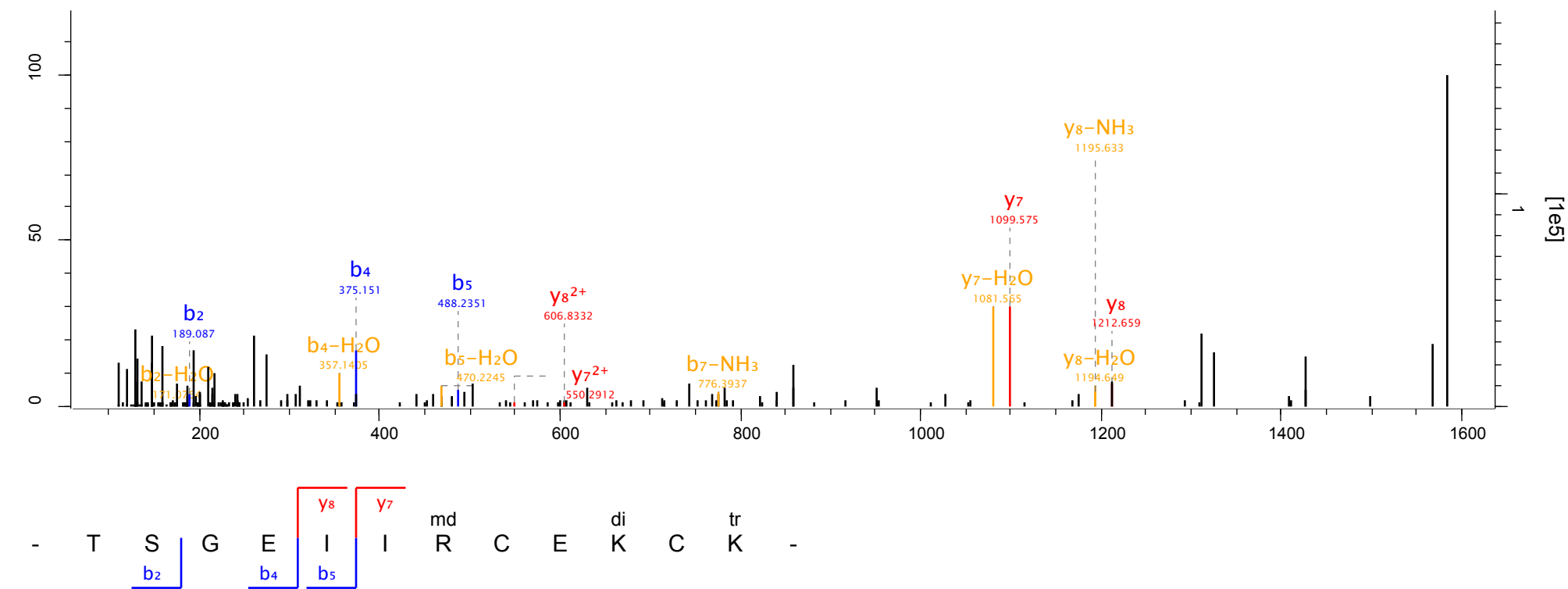
45.43

m/z

793.91

Gene names

DCLK3



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

10832

Method

FTMS; HCD

Score

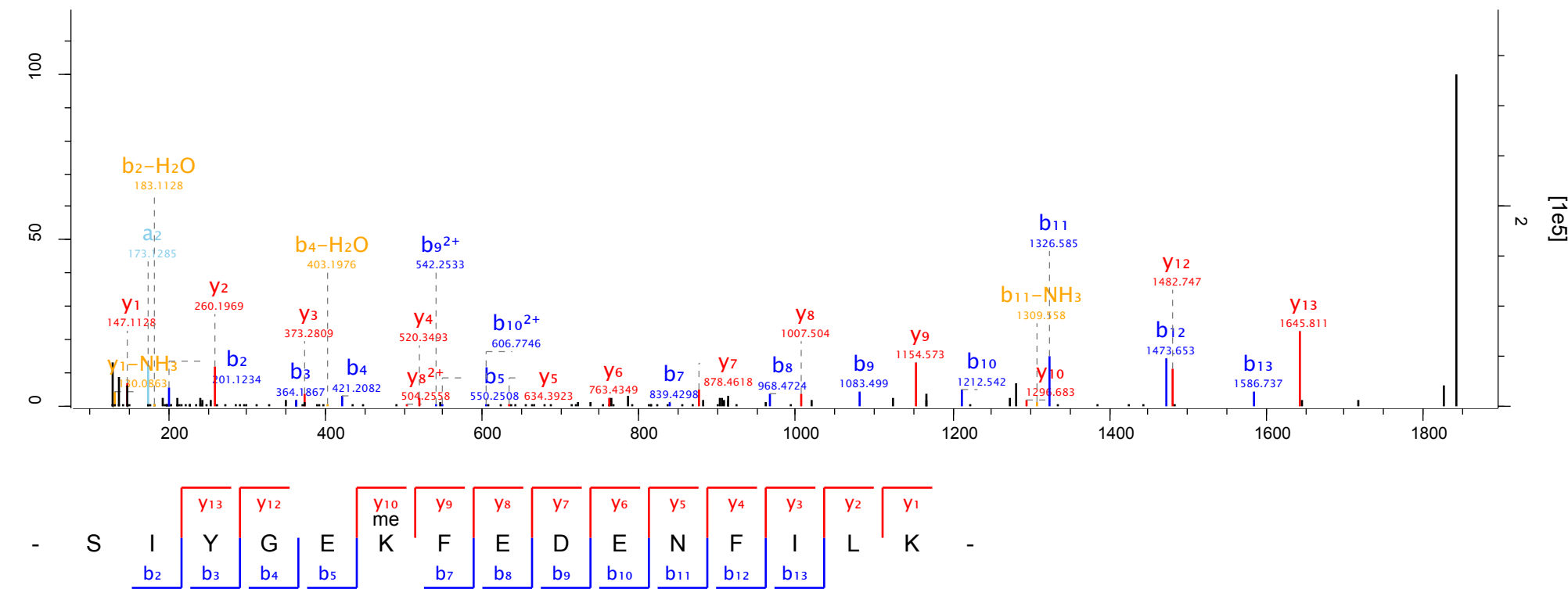
138.91

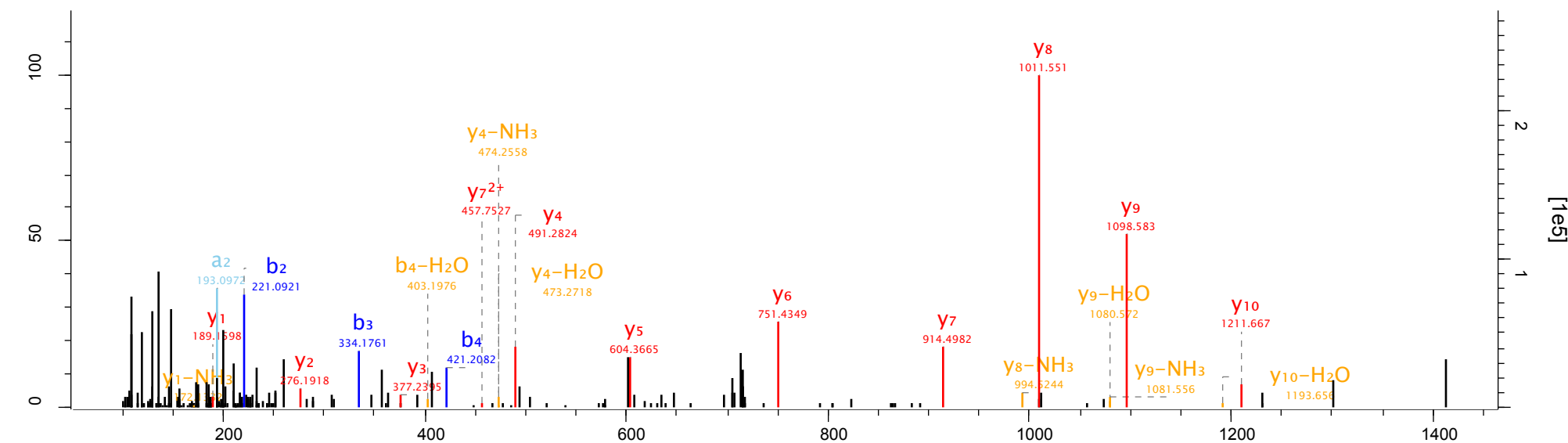
m/z

923.97

Gene names

PIIA





- G Y I S P Y F I N T S K -

b2 b3 b4

y10 y9 y8 y7 y6 y5 y4 y3 y2 y1_{tr}

Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

11039

Method

FTMS; HCD

Score

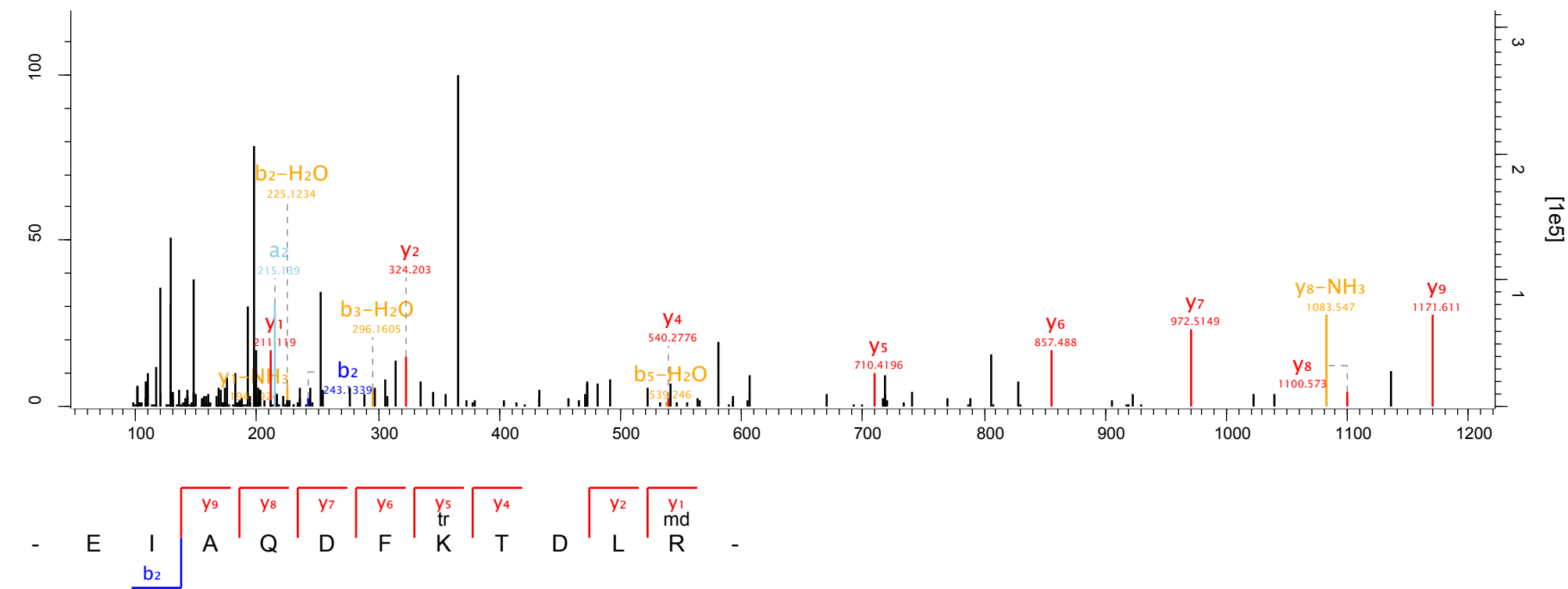
42.03

m/z

472.25

Gene names

HIST2H3A;HIST3H3;HIST1H3A;H3F3B;H3F3A



Zhibin_20150831_MDAOPA_SCX_1000mM_1

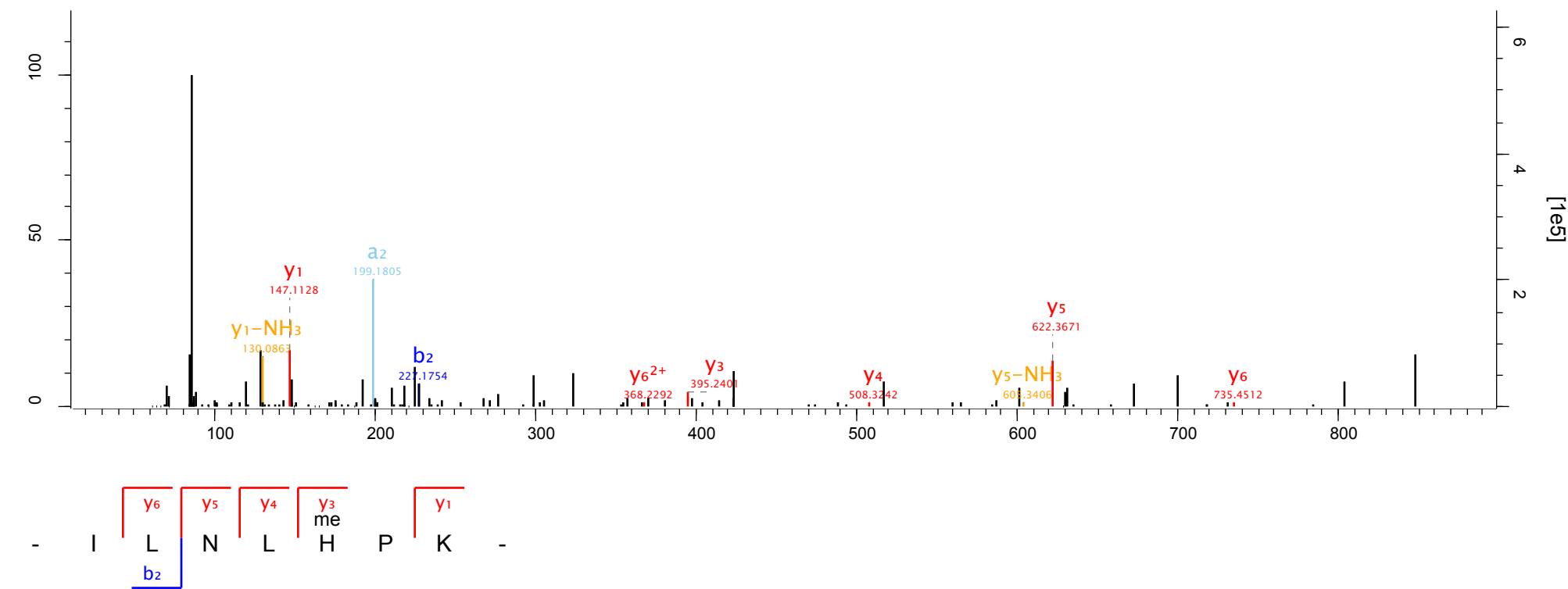
11417

FTMS; HCD

58.25

424.29

ESR1



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

11780

Method

FTMS; HCD

Score

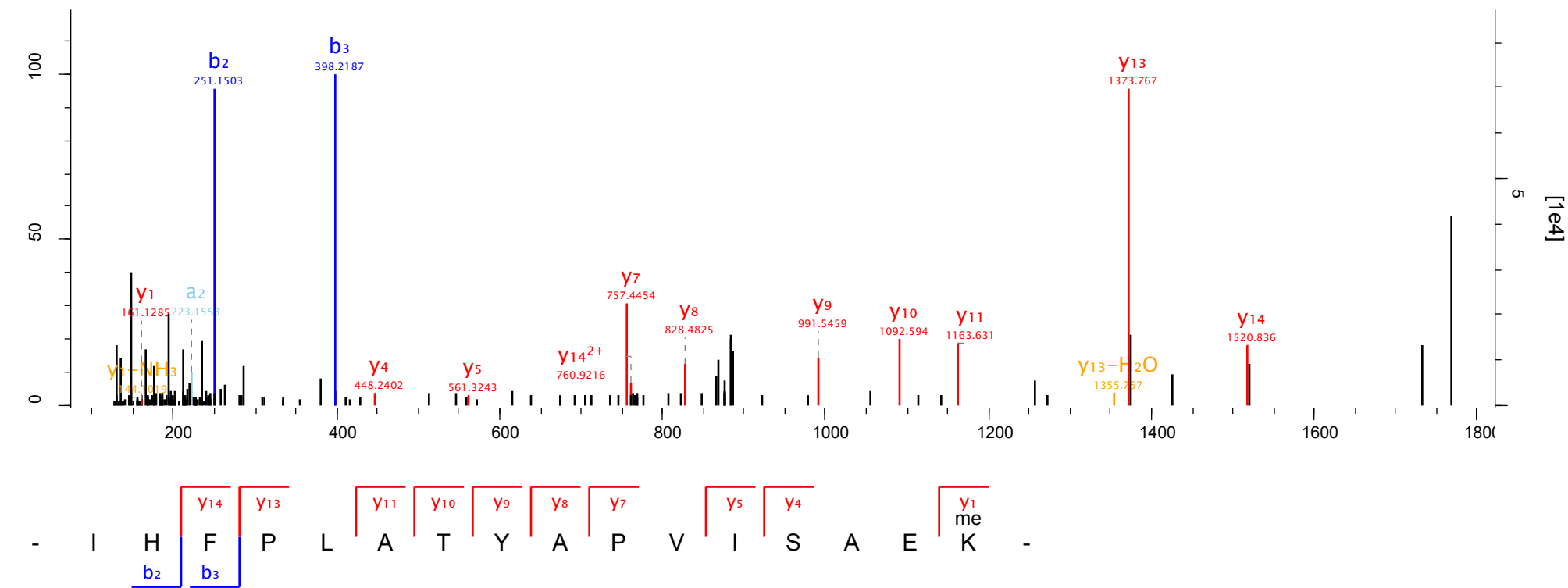
55.01

m/z

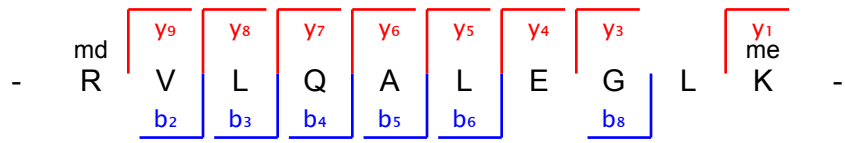
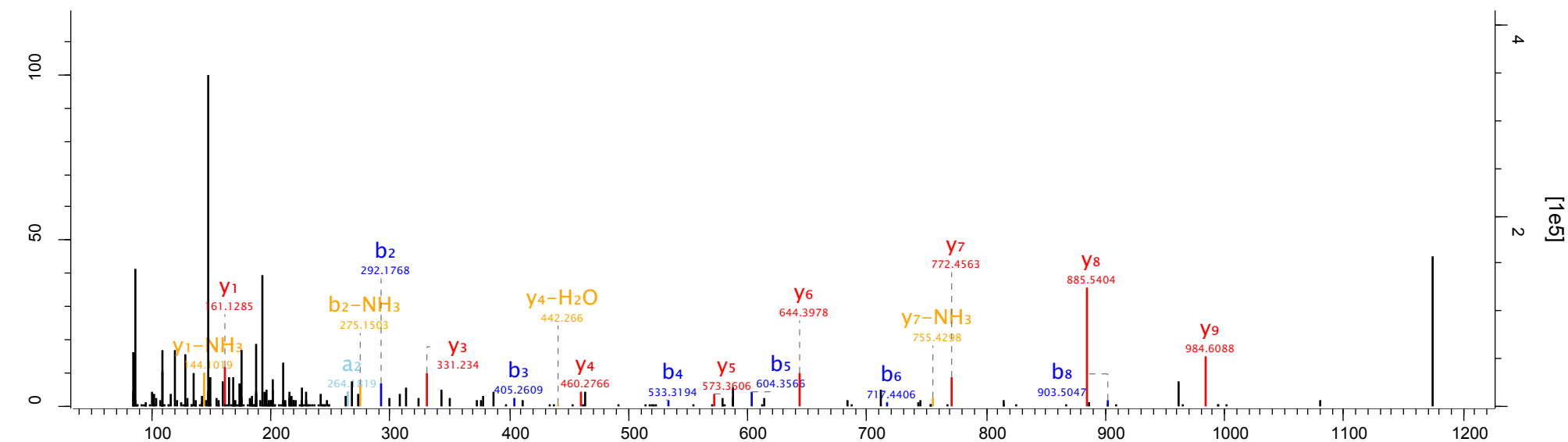
886.49

Gene names

TUBA1A;TUBA3C;TUBA3E;TUBA1B;TUBA4A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	11974	FTMS; HCD	72.29	588.86	RPS19



Zhibin_20150831_MDAOPA_SCX_1000mM_1

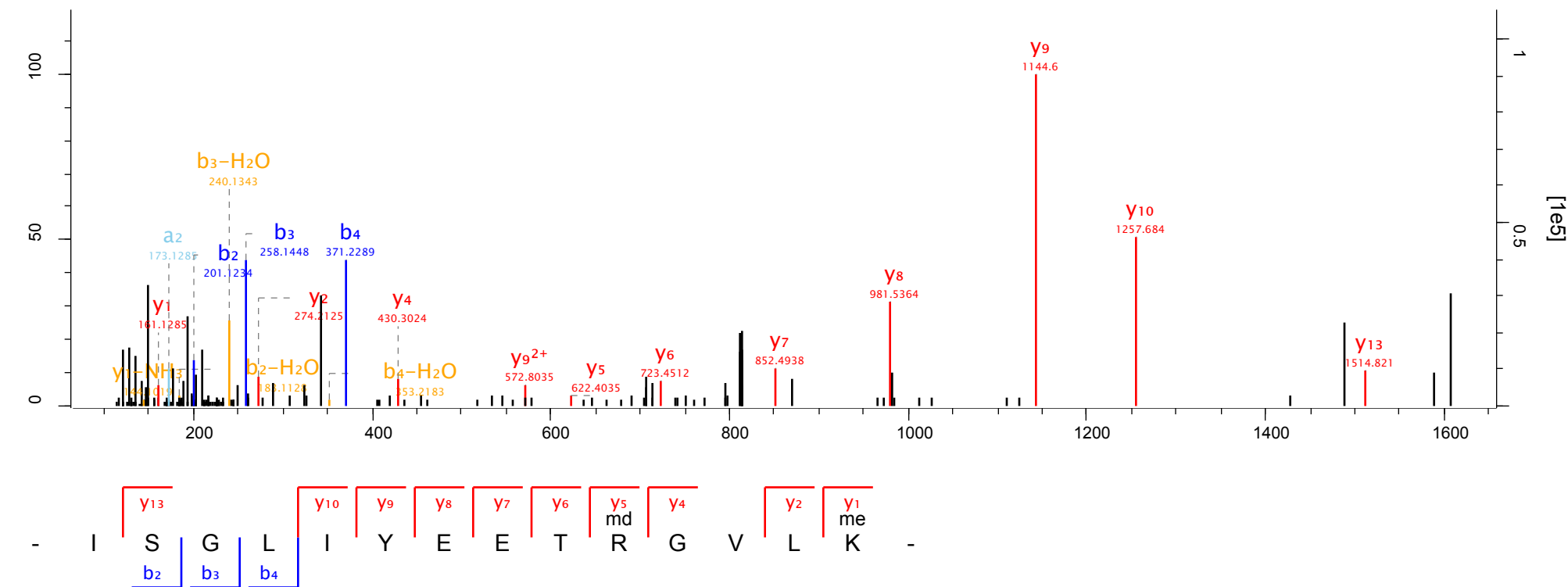
12107

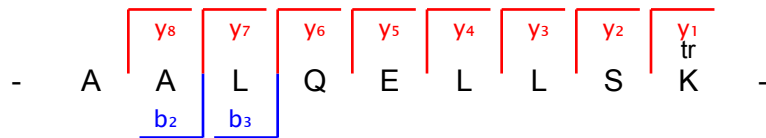
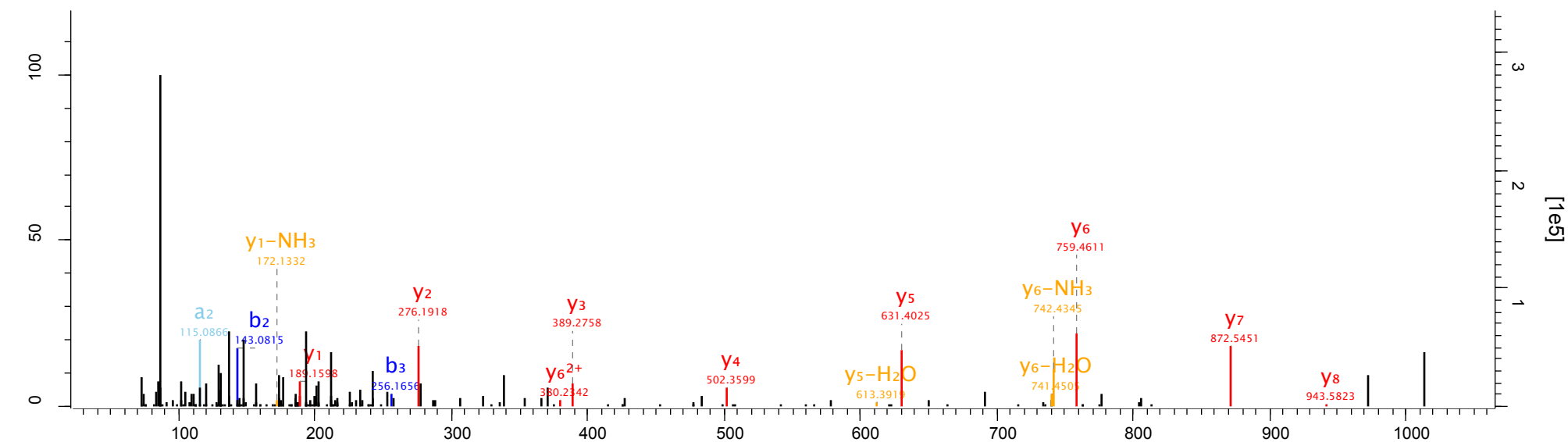
FTMS; HCD

53.3

814.46

HIST1H4A

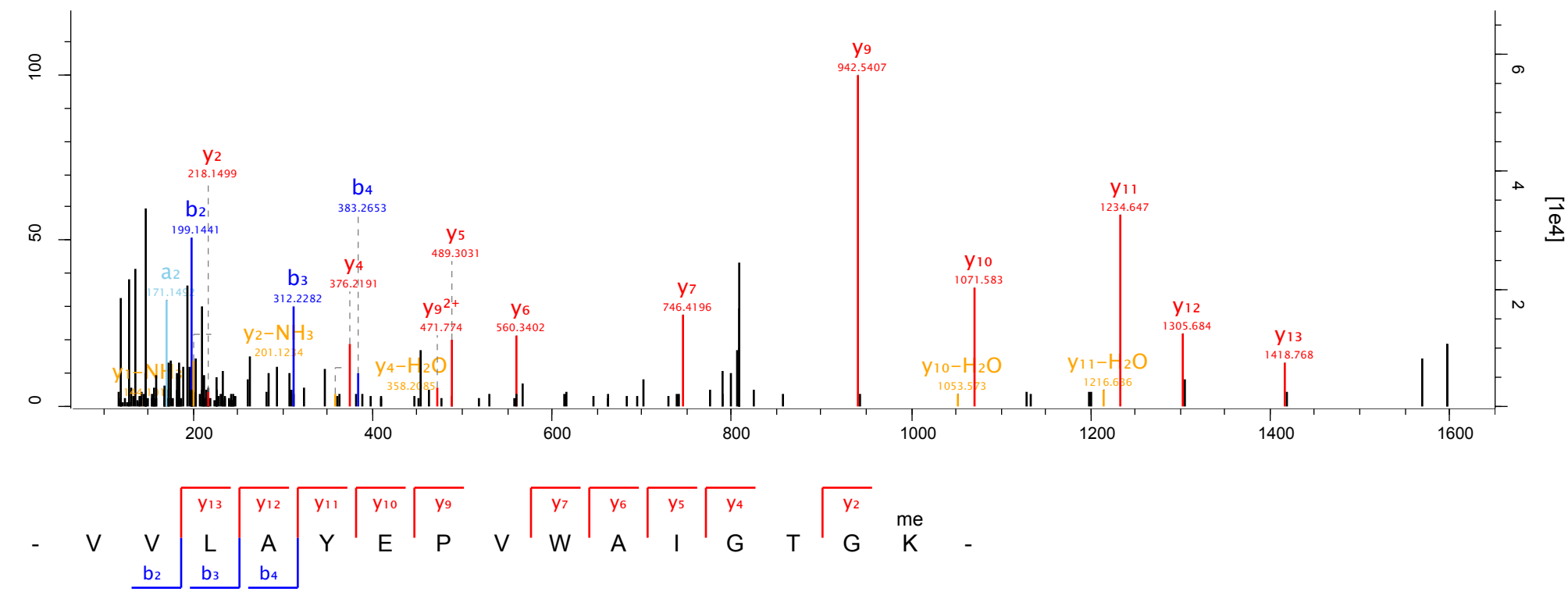


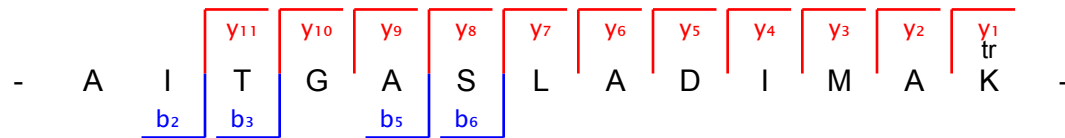
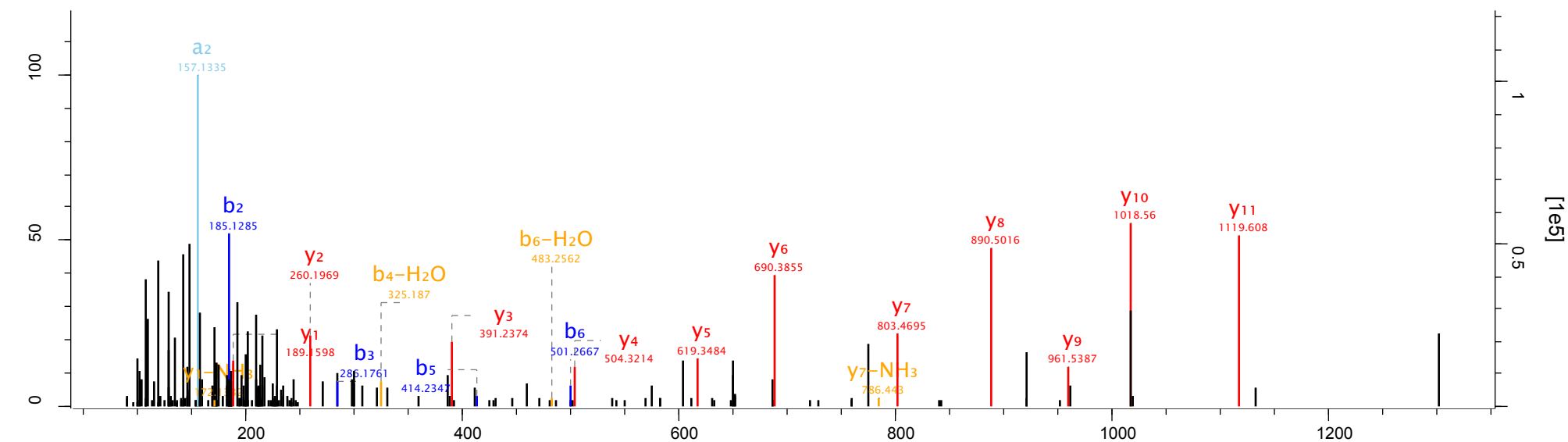


Raw file

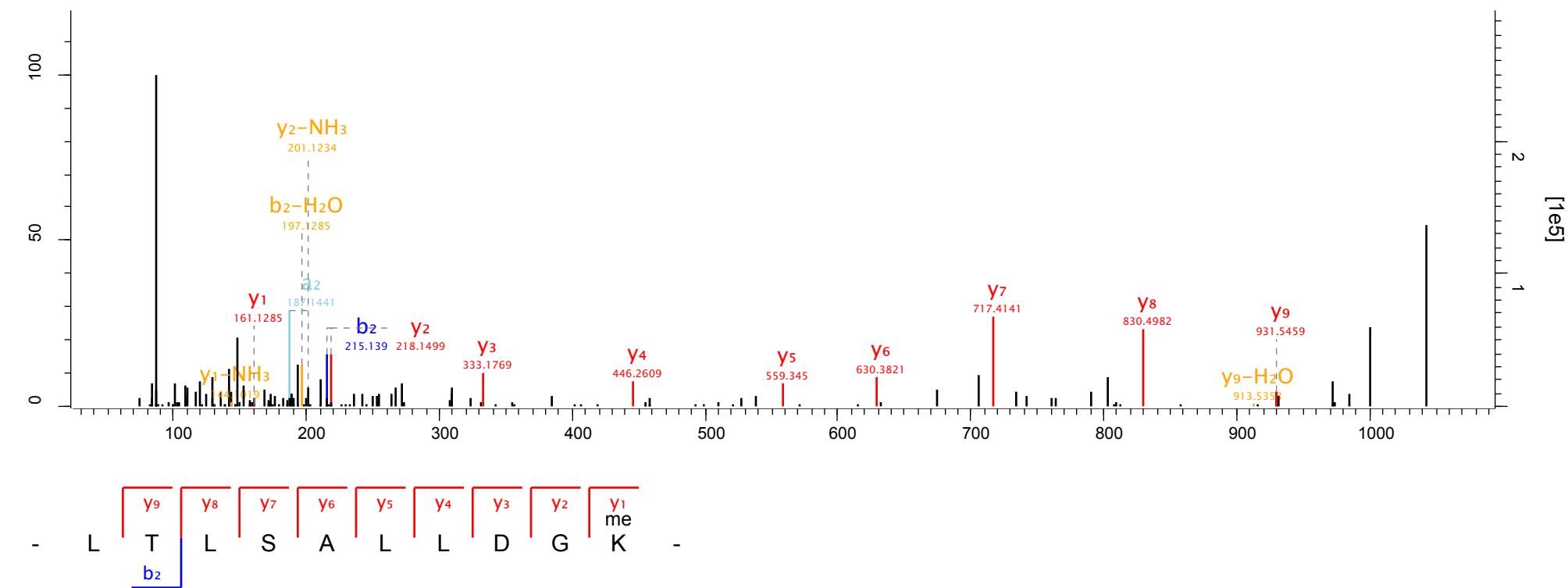
Scan	Method	Score	m/z	Gene names
13101	FTMS; HCD	74.79	809.46	TPI1

Zhibin_20150831_MDAOPA_SCX_1000mM_1





Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_1	13446	FTMS; HCD	61.34	522.78	VDAC1



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_1

Scan

14774

Method

FTMS; HCD

Score

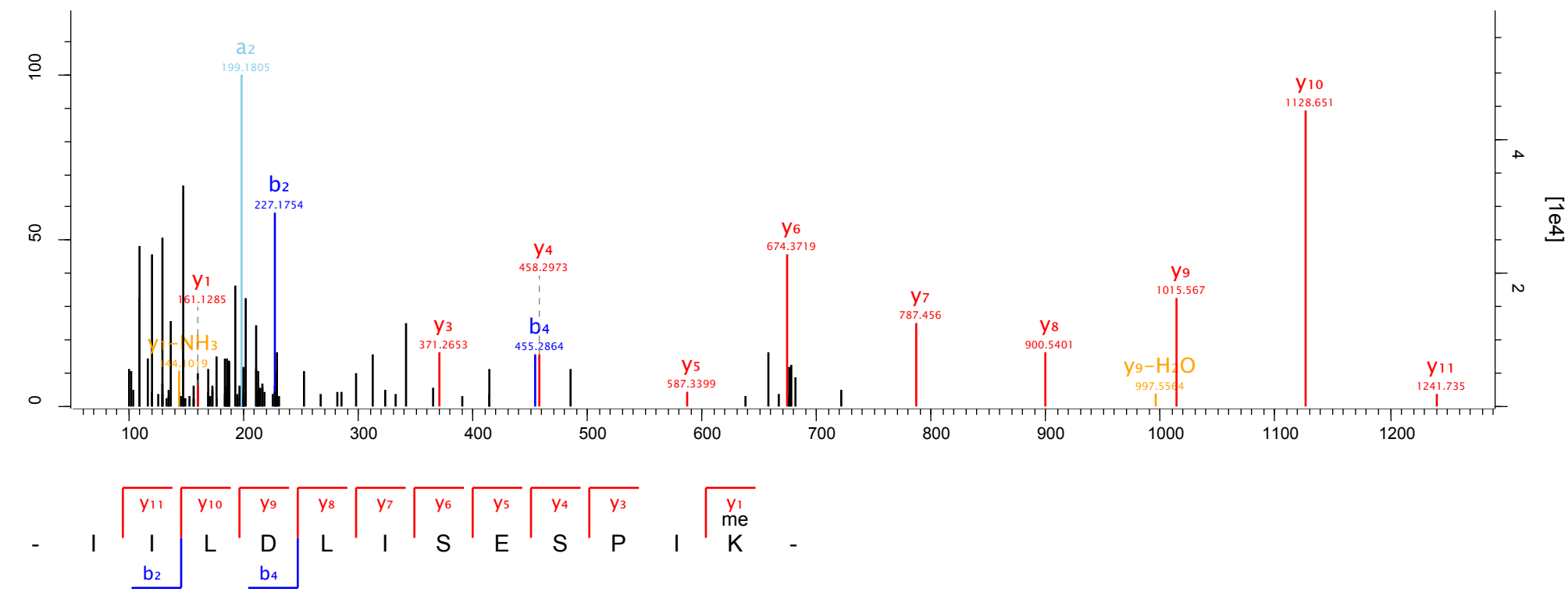
69.03

m/z

677.91

Gene names

HNRNPK



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_2

Scan

6040

Method

FTMS; HCD

Score

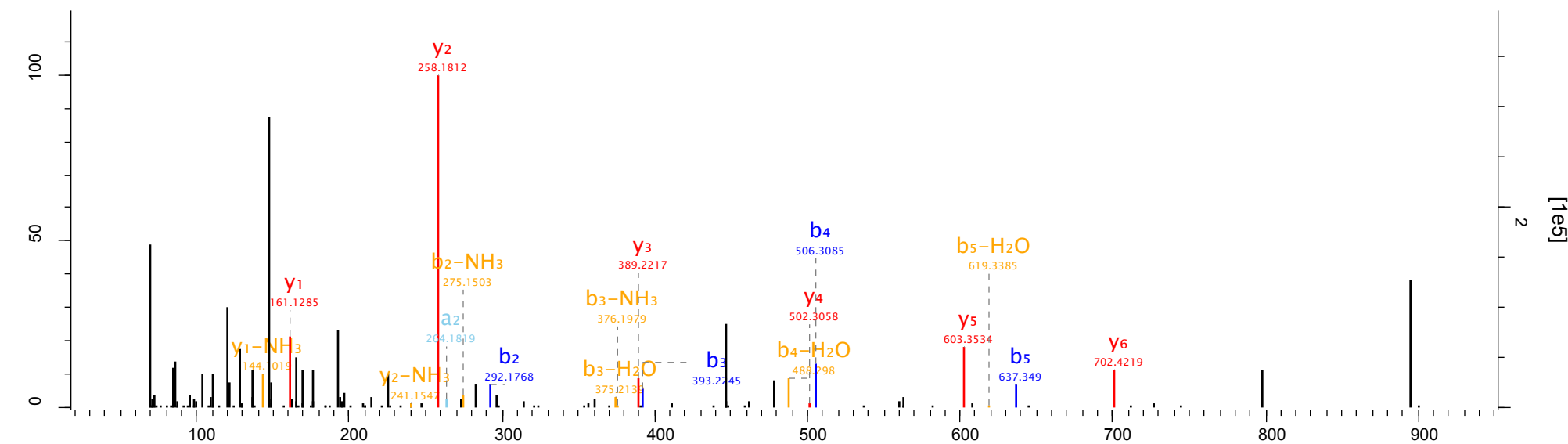
95.91

m/z

447.76

Gene names

HIST2H3PS2;HIST2H3A;HIST3H3;HIST1H3A;H3F3B;H3F3A;H3F3C



md R -

Fragment	Sequence
y6	V
y5	T
y4	I
y3	M
y2	P
y1	me K

-

Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_2

Scan

Method

Score

m/z

Gene names

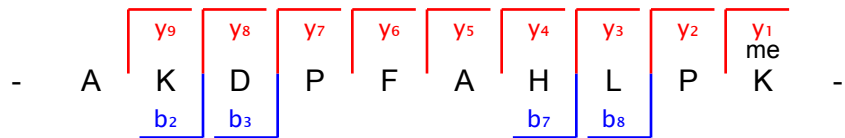
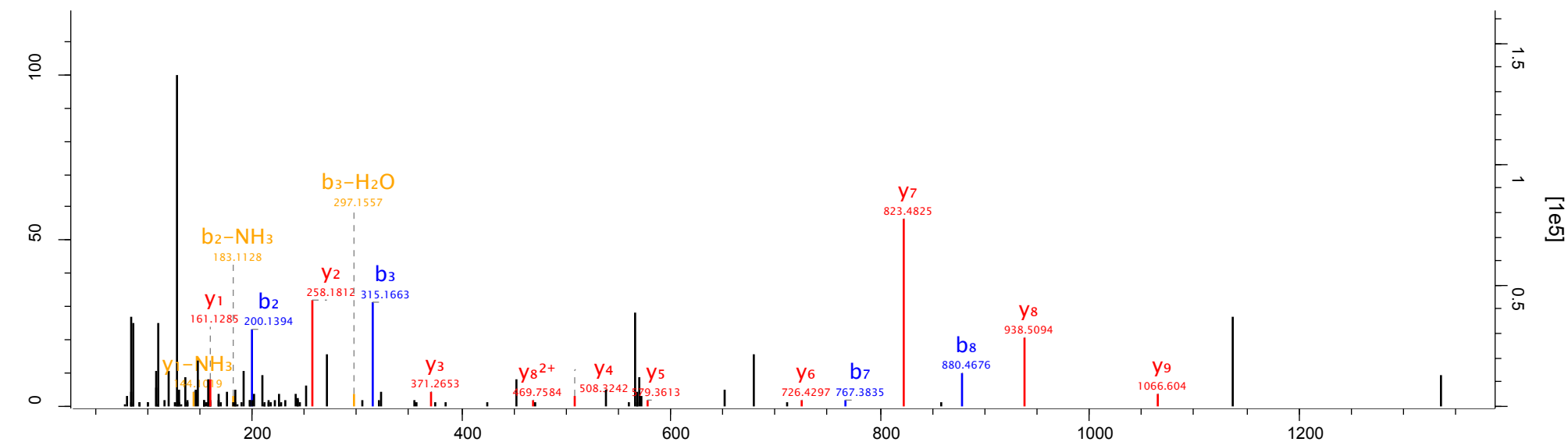
6375

FTMS; HCD

69.72

569.32

EEF1G



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_2

Scan

6658

Method

FTMS; HCD

Score

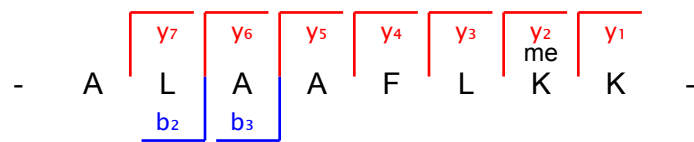
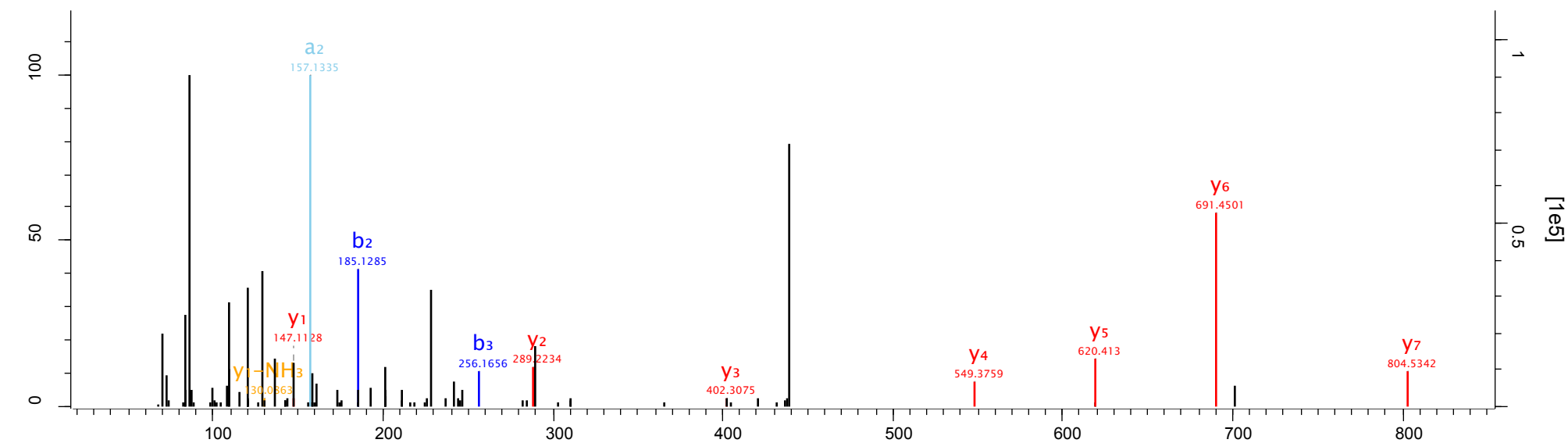
65.25

m/z

438.29

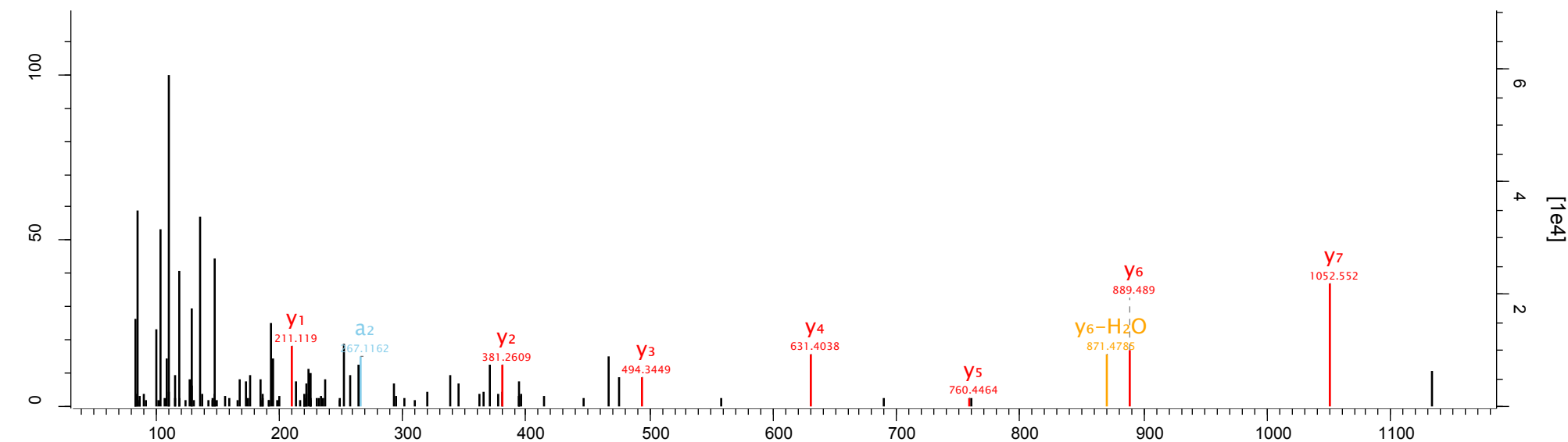
Gene names

RPS19



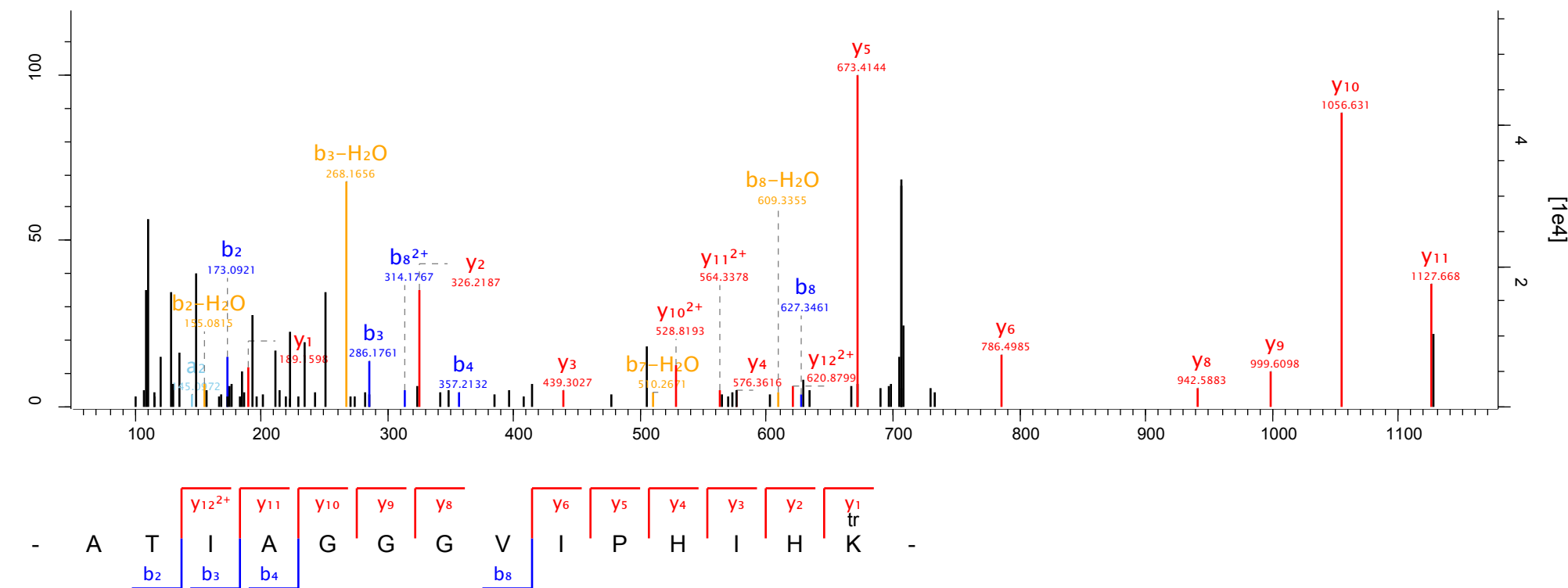
Zhibin_20150831_MDAOPA_SCX_1000mM_2

6688 FTMS; HCD 60.44 395.2 ERH



- M Y E E H L K R -

Fragmentation labels: y7, y6, y5, y4, y3, y2, y1, a2.



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_2

Scan

7525

Method

FTMS; HCD

Score

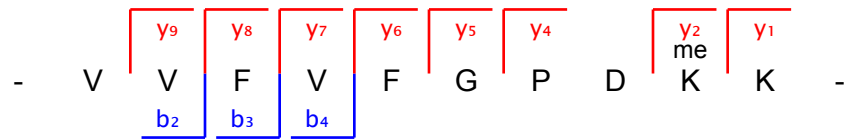
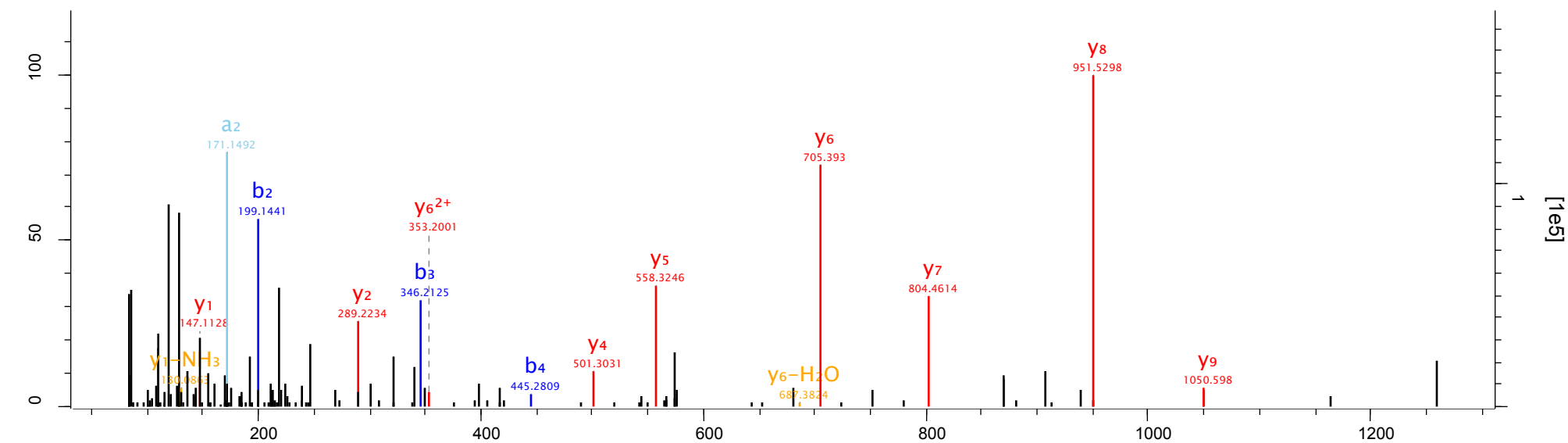
64.82

m/z

575.84

Gene names

PRDX6



Zhibin_20150831_MDAOPA_SCX_1000mM_2

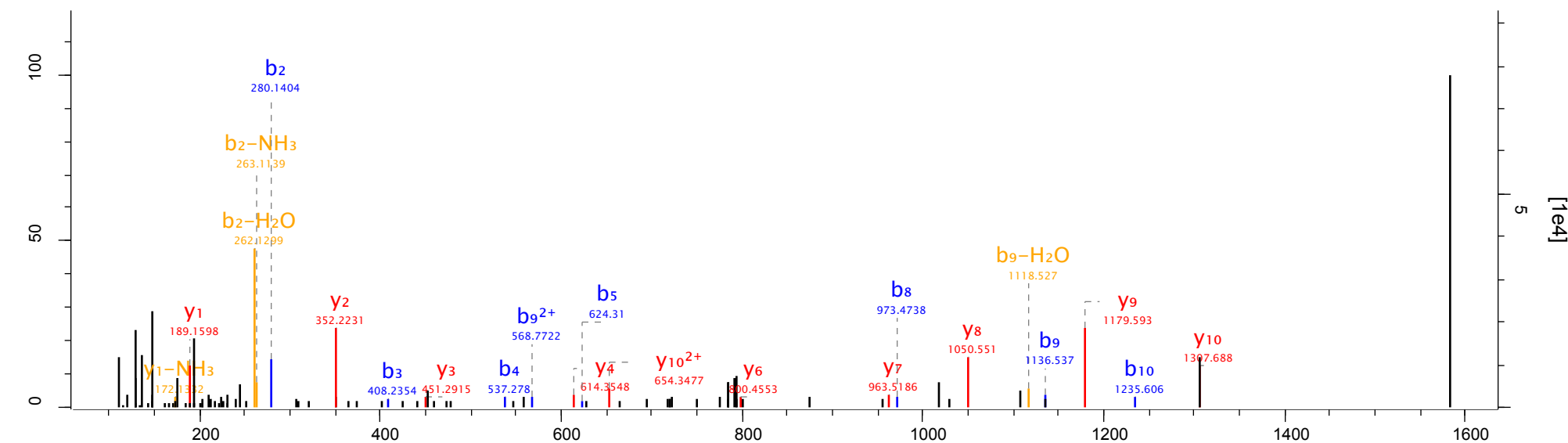
7755

FTMS; HCD

109.44

793.92

HIST1H2BN;HIST1H2BM;HIST1H2BH;HIST2H2BF;HIST1H2BC;HIST1H2BD;HIST1H2BL;H2BFS



- S md R K E S Y S V Y V Y Y₁tr K -

b₂ b₃ b₄ b₅ b₈ b₉ b₁₀

Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_2

Scan

7951

Method

FTMS; HCD

Score

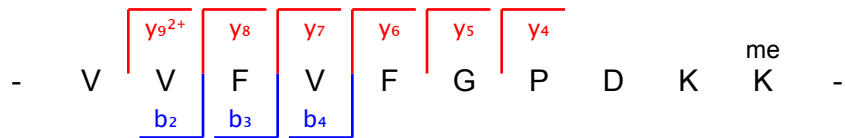
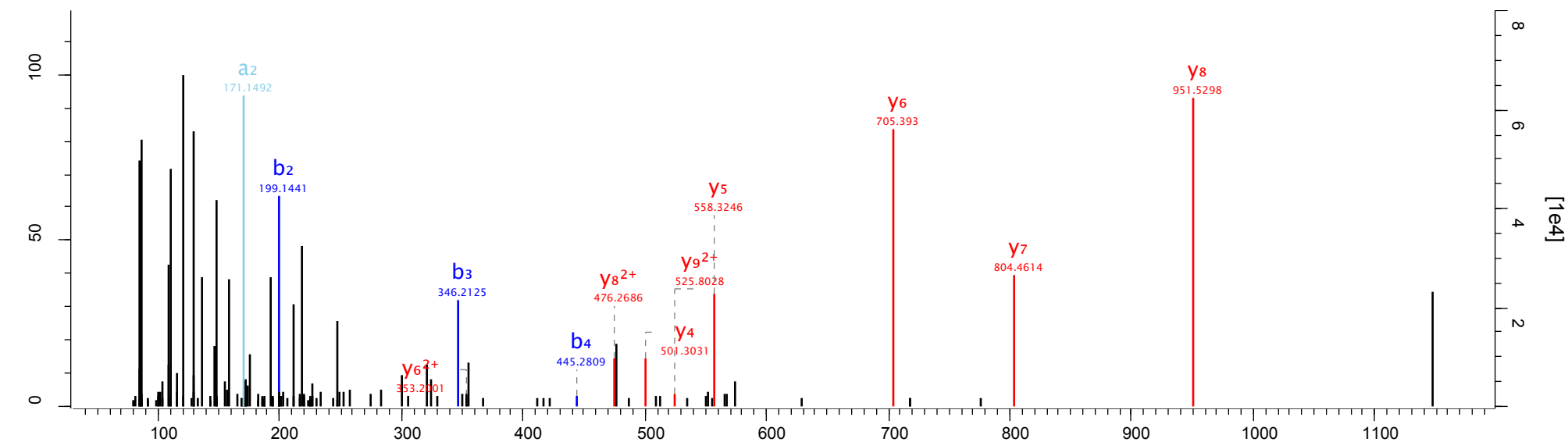
60.4

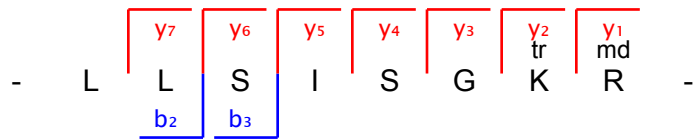
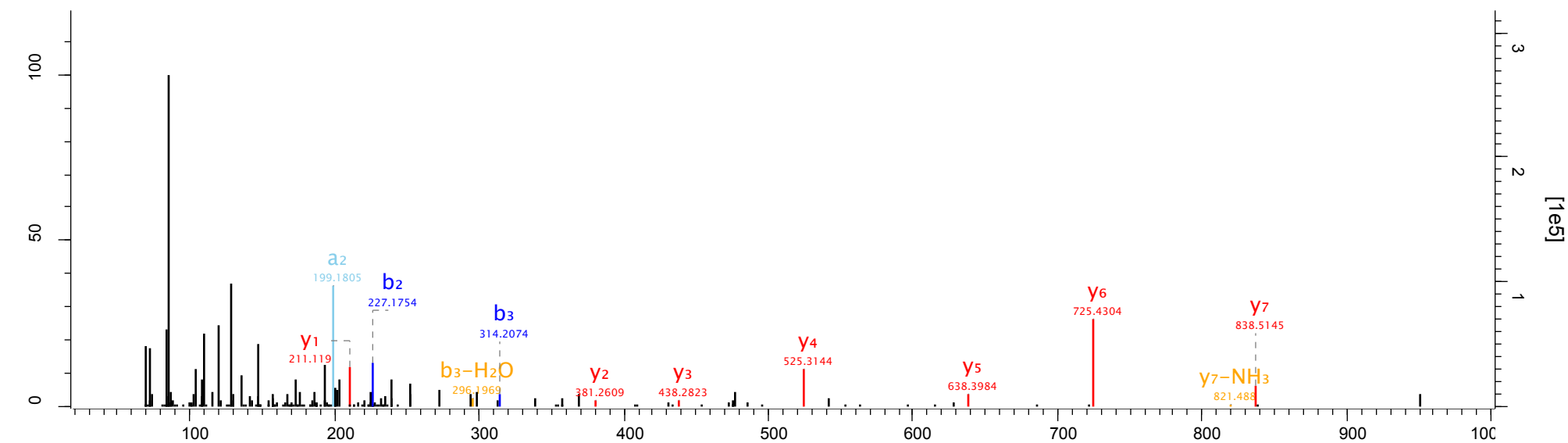
m/z

575.34

Gene names

PRDX6





Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_2

Scan

8743

Method

FTMS; HCD

Score

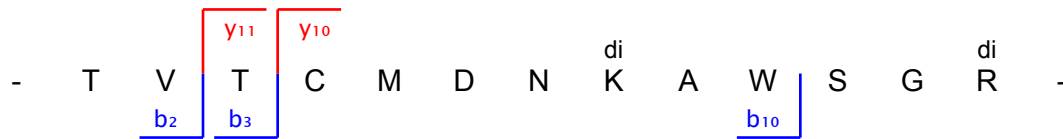
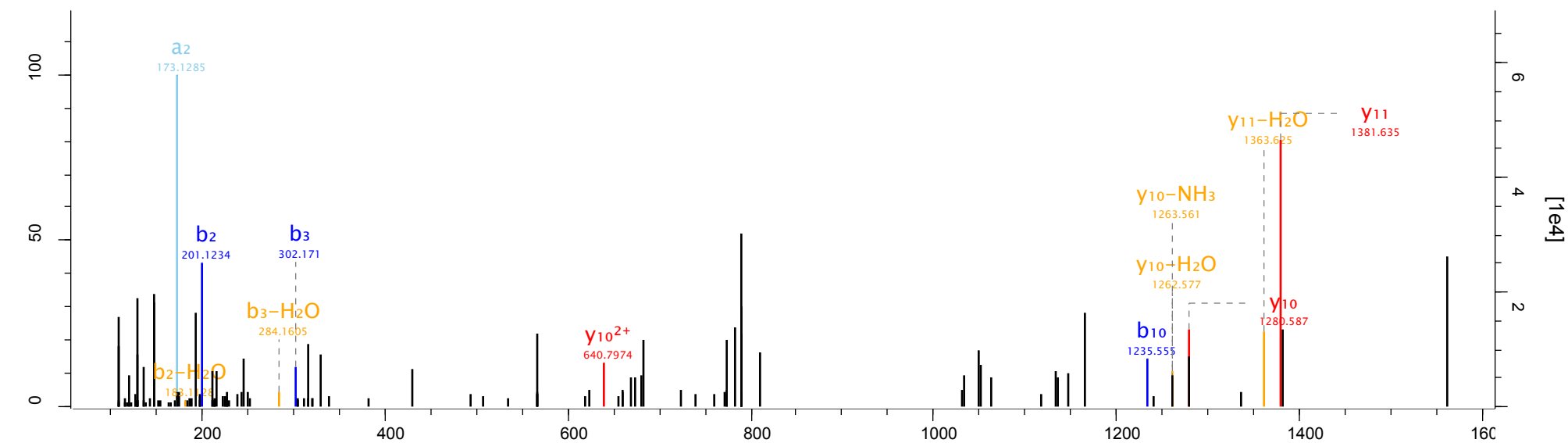
41.68

m/z

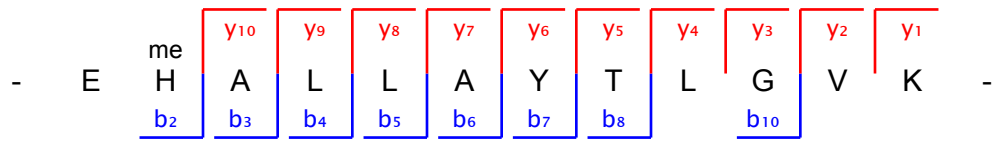
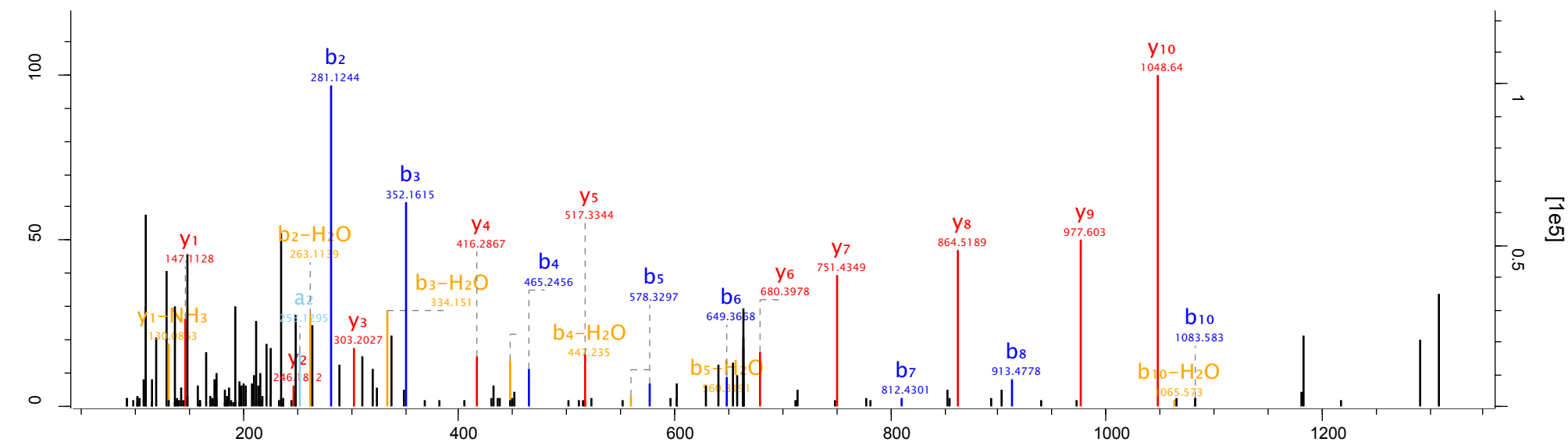
791.38

Gene names

SRPX



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_2	9507	FTMS; HCD	101.39	664.88	EEF1A1;EEF1A1P5;EEF1A2



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_2

Scan

10113

Method

FTMS; HCD

Score

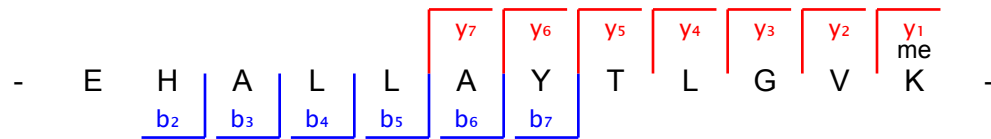
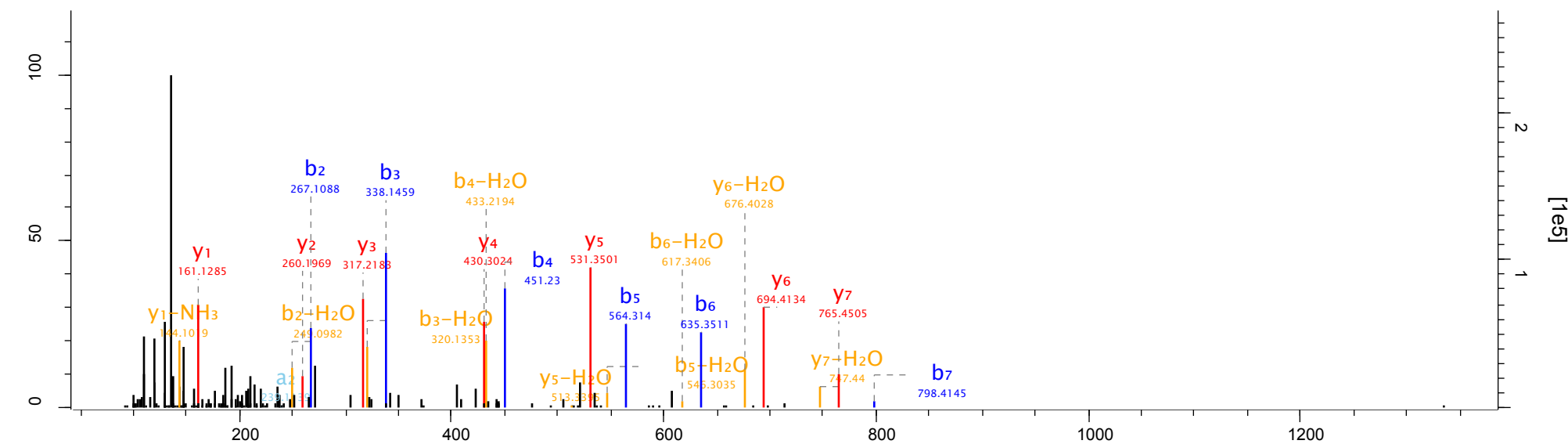
125.72

m/z

443.59

Gene names

EEF1A1;EEF1A1P5;EEF1A2



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_2

Scan

10184

Method

FTMS; HCD

Score

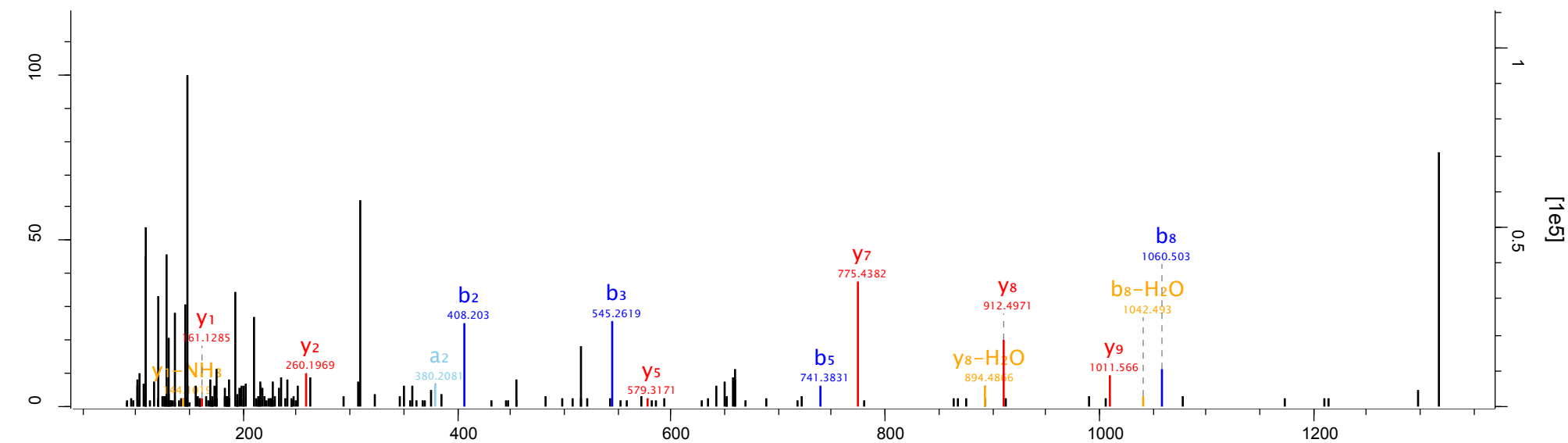
63.07

m/z

660.35

Gene names

LDHC

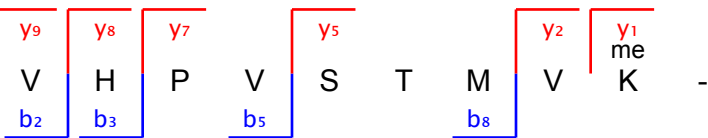


[1e1]

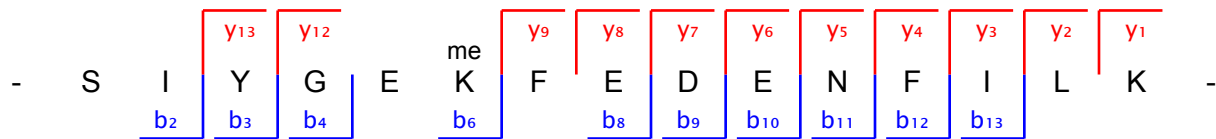
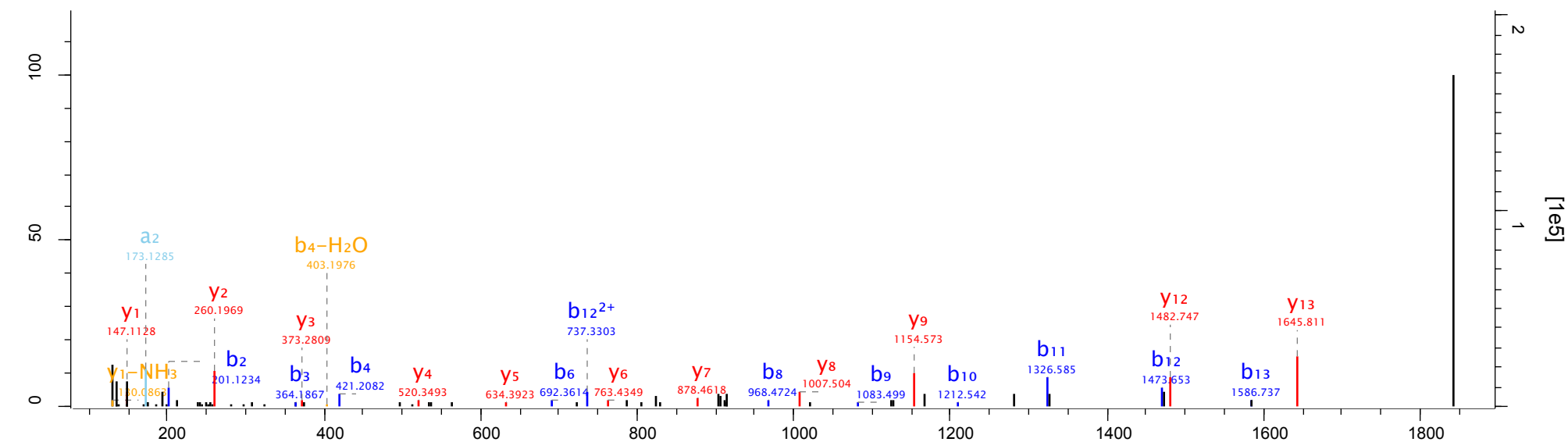
op

md

R

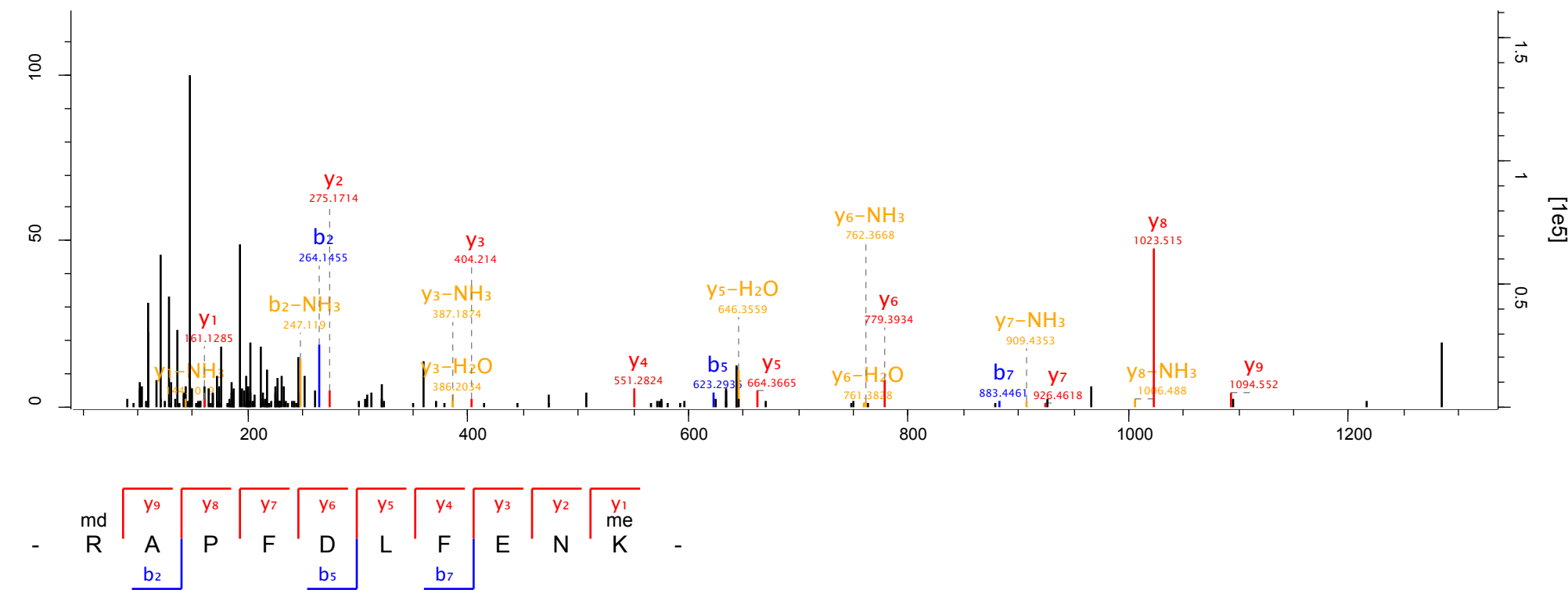


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_2	10588	FTMS; HCD	97.29	923.46	PPIA



Gene names

HSP90AB1;HSP90AB3P



Zhibin_20150831_MDAOPA_SCX_1000mM_2

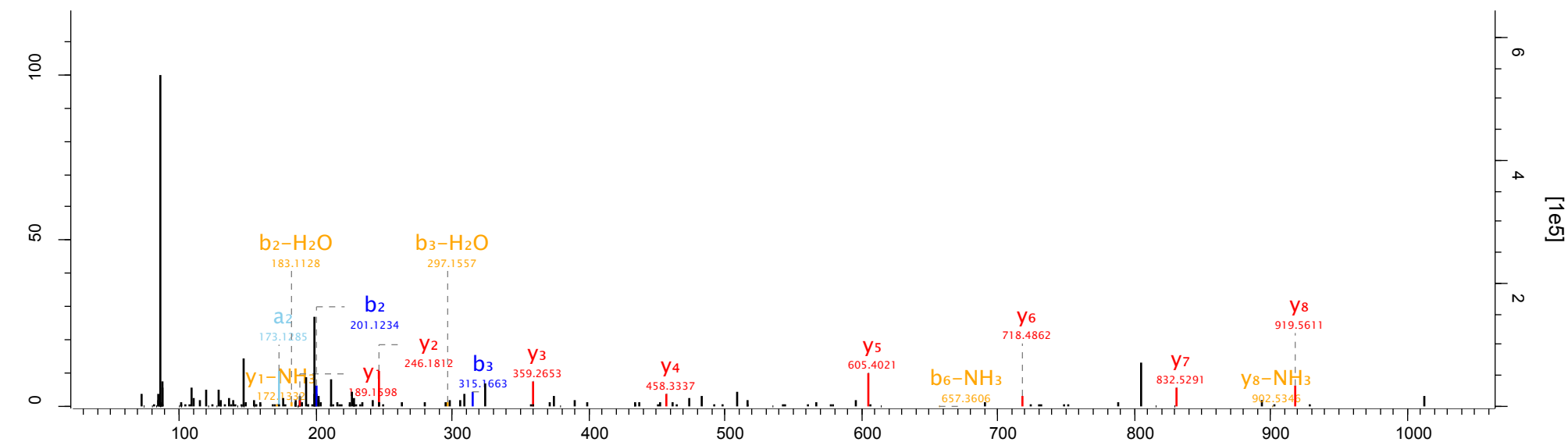
11980

FTMS; HCD

55.46

516.78

RPS4X



- L S N I F V I G K -

b₂ b₃

y₈ y₇ y₆ y₅ y₄ y₃ y₂ y₁
tr

Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_2

Scan

12774

Method

FTMS; HCD

Score

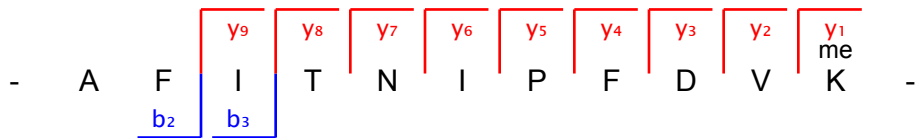
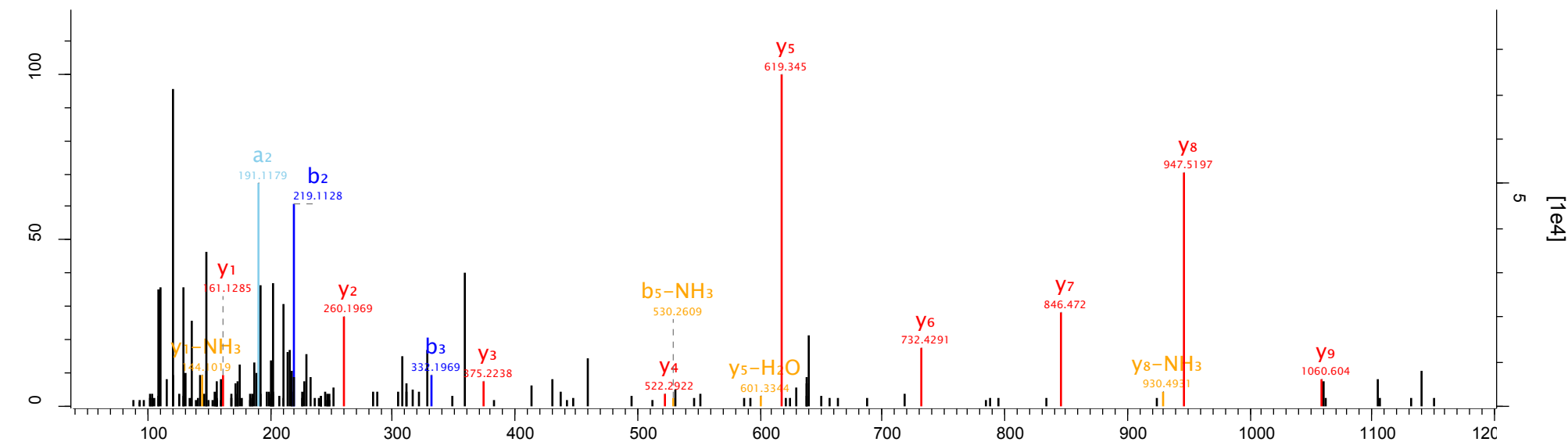
57.16

m/z

639.86

Gene names

HNRNPM



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_2

Scan

13115

Method

FTMS; HCD

Score

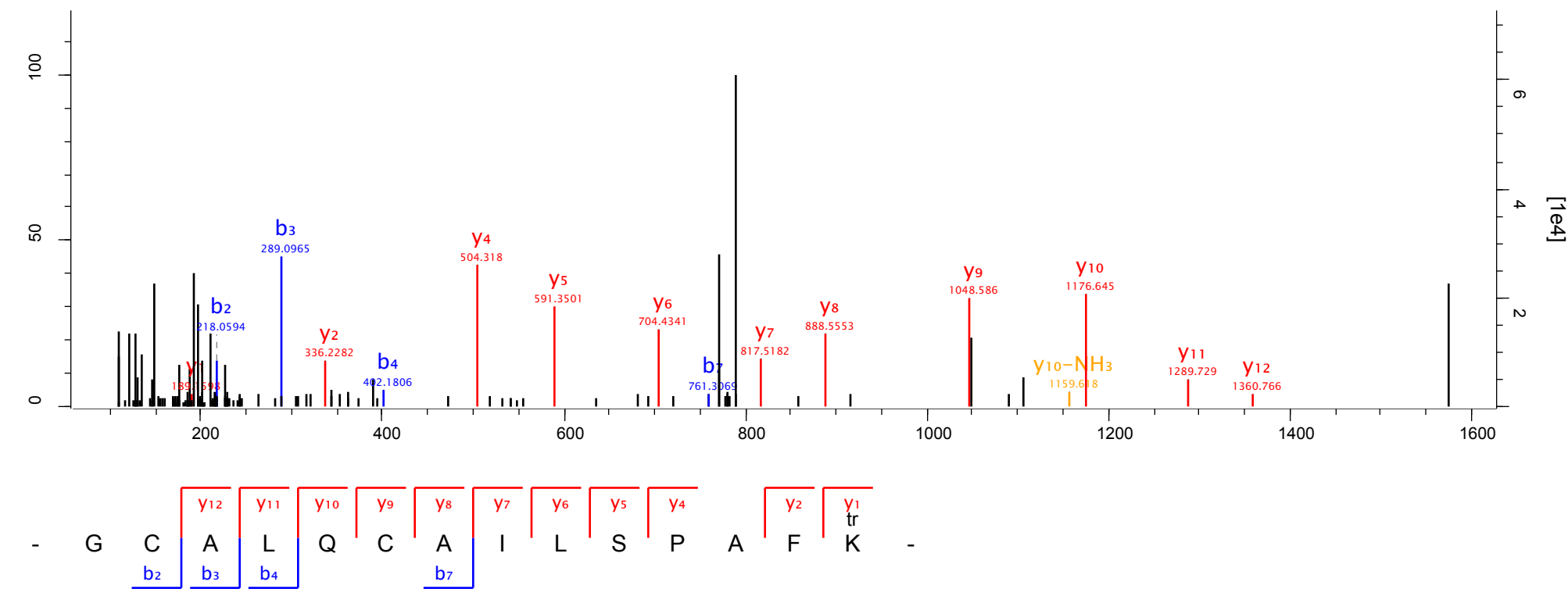
68.97

m/z

789.92

Gene names

HSPH1;HSPA4L;HSPA4



Zhibin_20150831_MDAOPA_SCX_1000mM_3

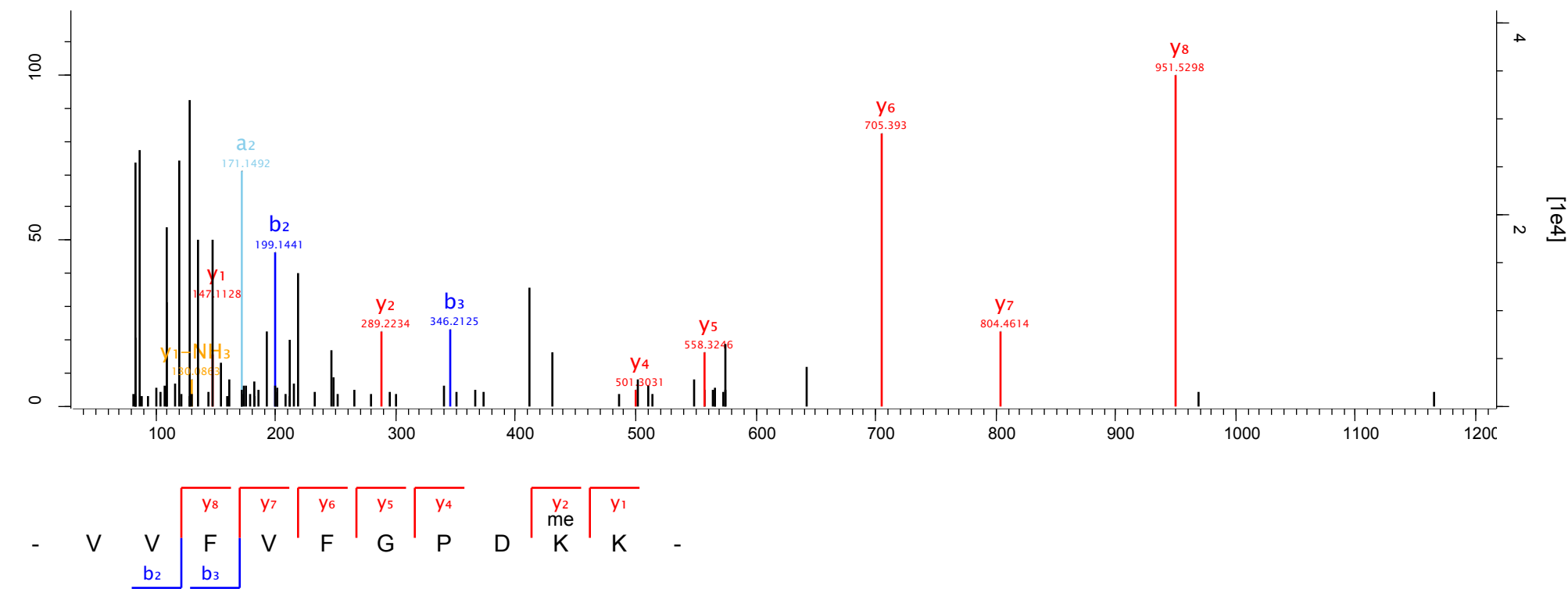
7368

FTMS; HCD

40.73

575.34

PRDX6



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150831_MDAOPA_SCX_1000mM_3

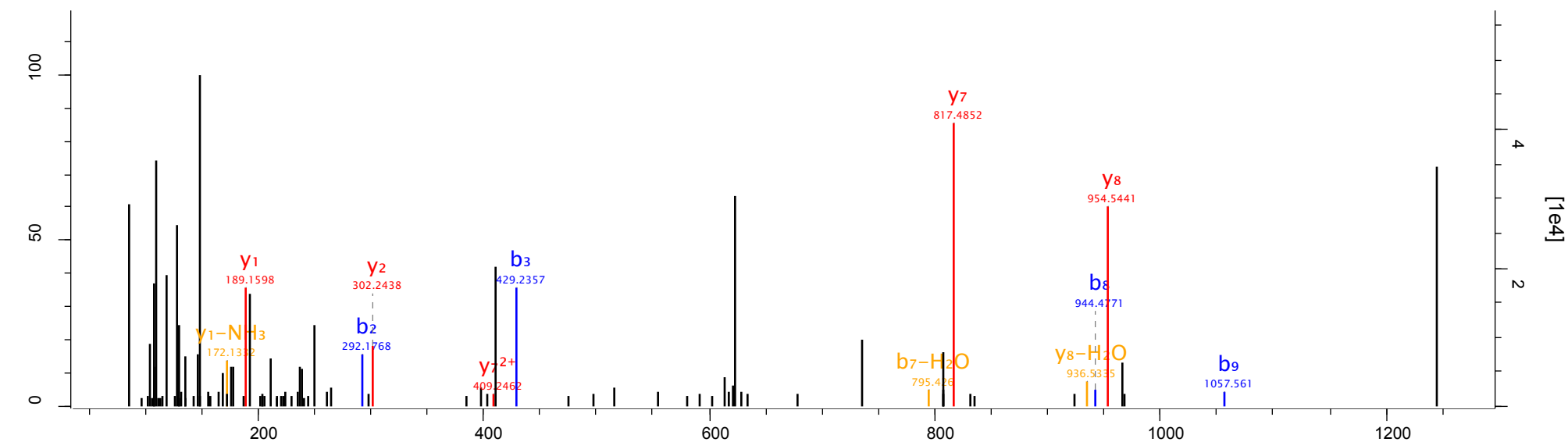
7899

FTMS; HCD

48.98

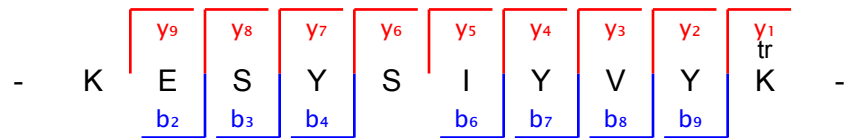
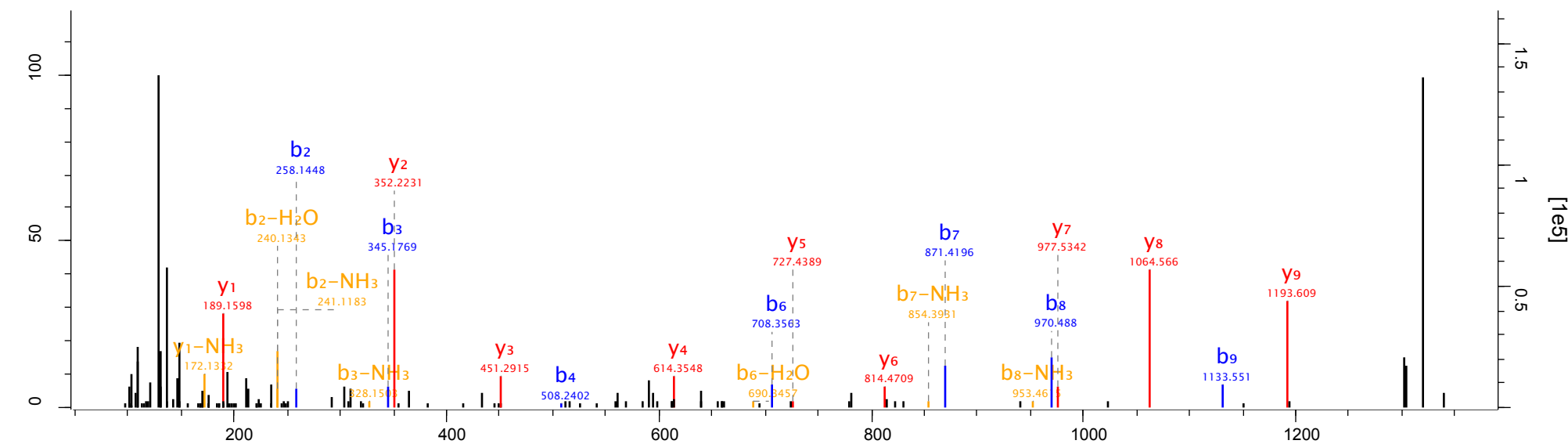
623.36

LDHA



Zhibin_20150831_MDAOPA_SCX_1000mM_3

7940 FTMS; HCD 113.61 661.36 HIST2H2BE;HIST1H2BB;HIST1H2BO;HIST2H2BD;HIST2H2BC;HIST1H2BJ;HIST3H2BB



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_3

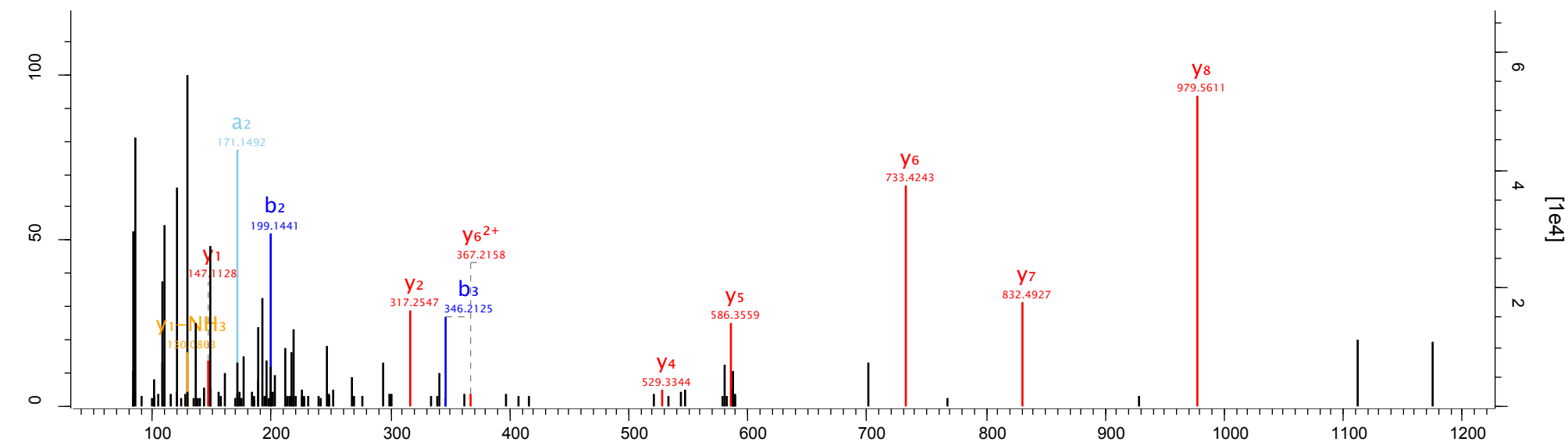
Scan 8645

Method FTMS; HCD

Score 48.98

m/z 589.35

Gene names PRDX6

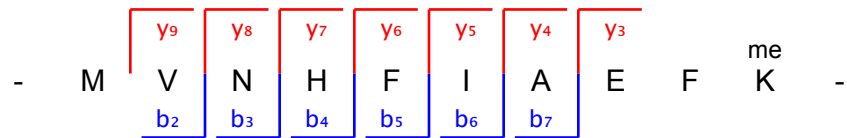
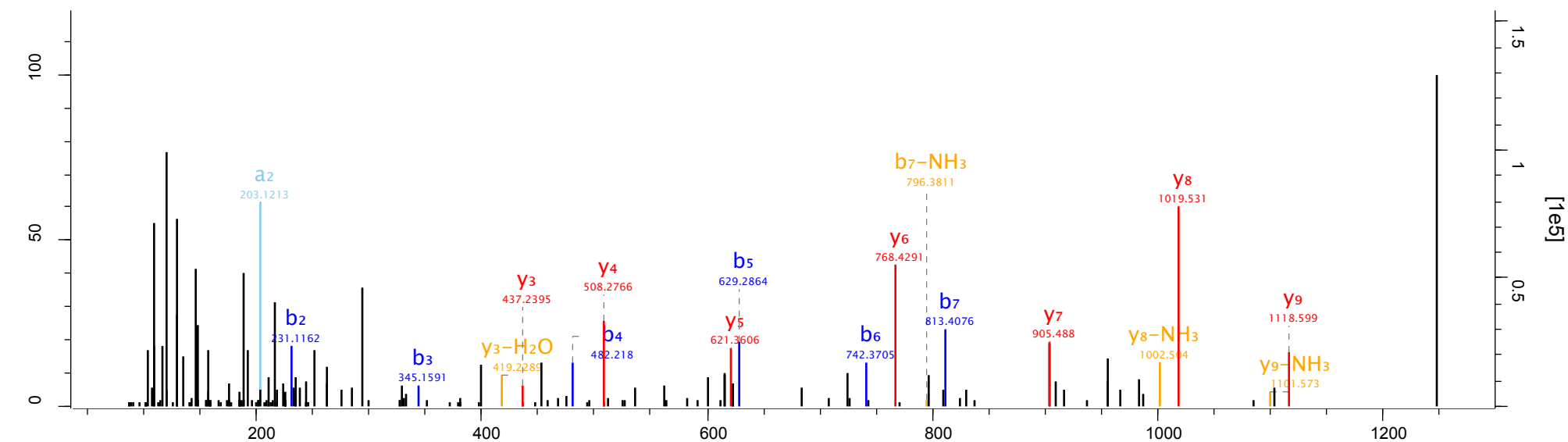


- V V F V F G P D K K -

b2 b3

y8 y7 y6 y5 y4 y2^{tr} y1

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_3	8771	FTMS; HCD	106.62	625.32	HSPA8



Zhibin_20150831_MDAOPA_SCX_1000mM_3

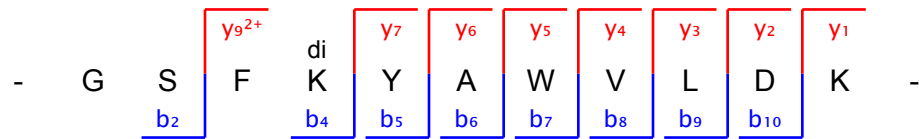
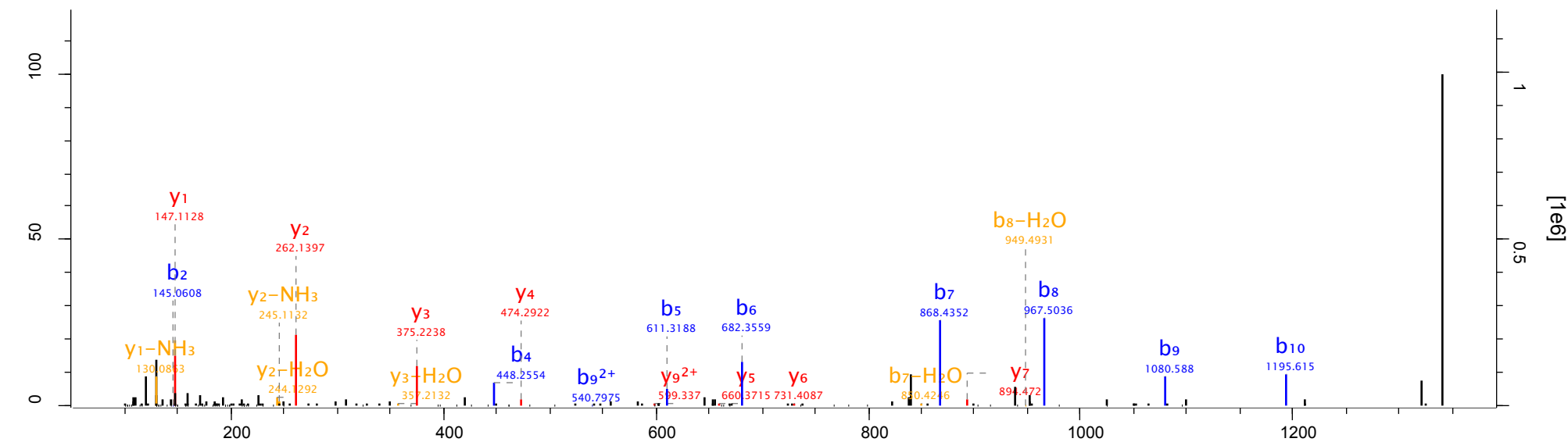
9333

FTMS; HCD

92.3

671.36

EEF1A1;EEF1A1P5;EEF1A2



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_3

Scan

9717 FTMS; HCD

Method

64.8

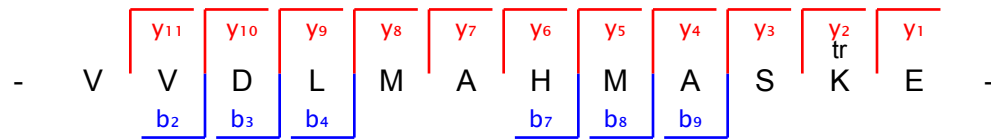
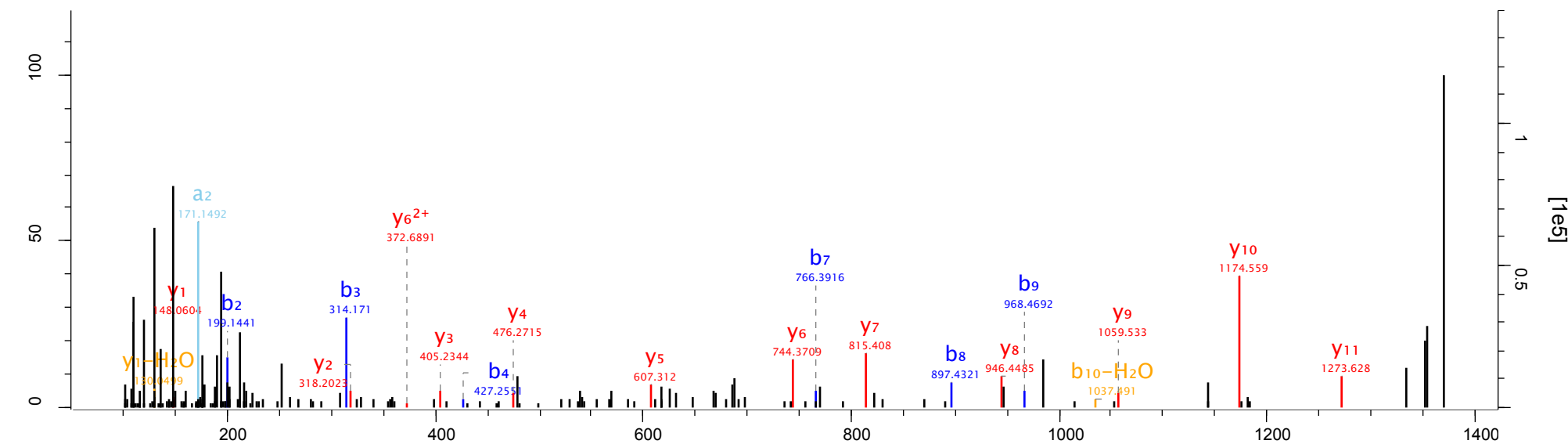
Score

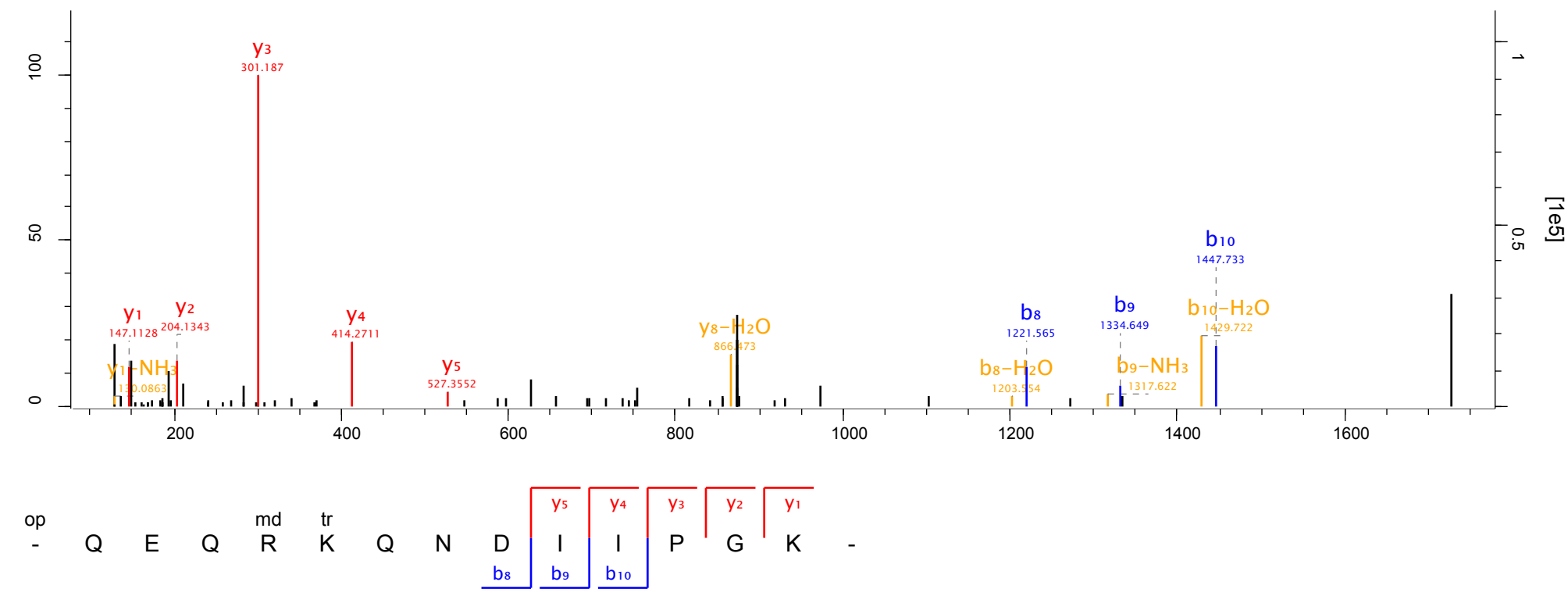
686.85

m/z

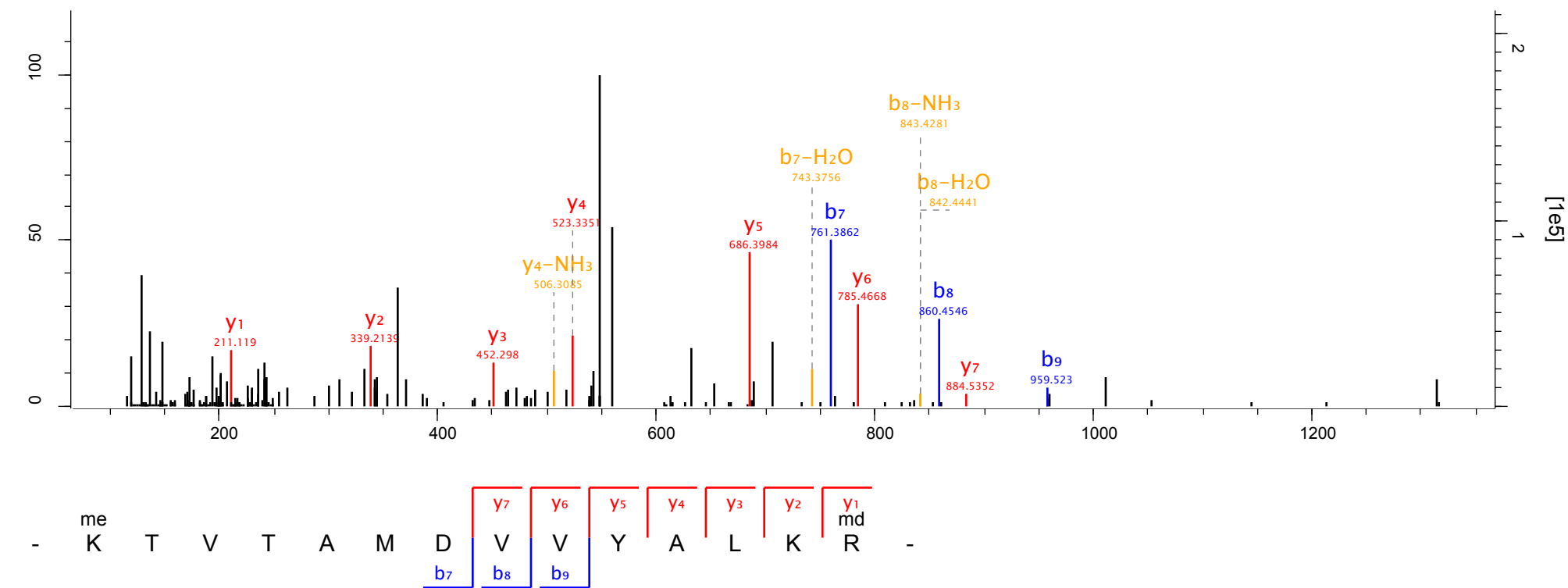
GAPDH

Gene names





Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150831_MDAOPA_SCX_1000mM_3	10493	FTMS; HCD	64.22	548.98	HIST1H4A



Zhibin_20150831_MDAOPA_SCX_1000mM_3

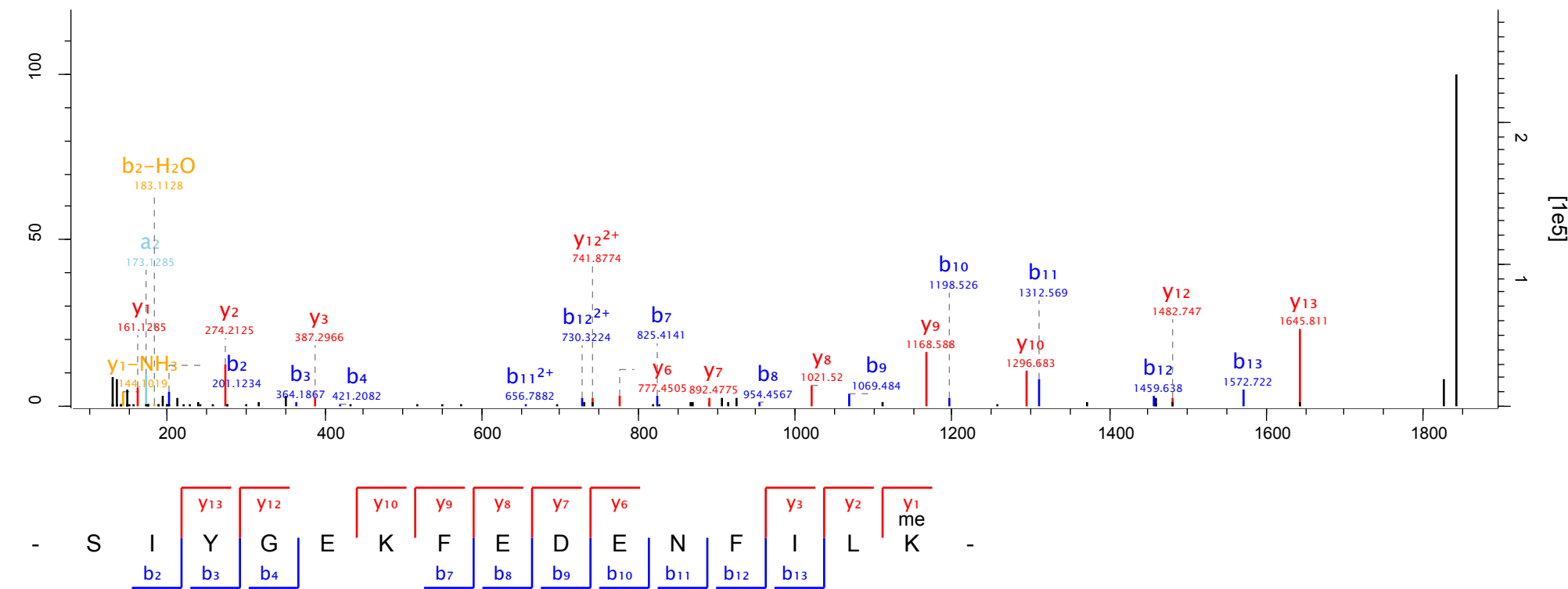
10631

FTMS; HCD

132.84

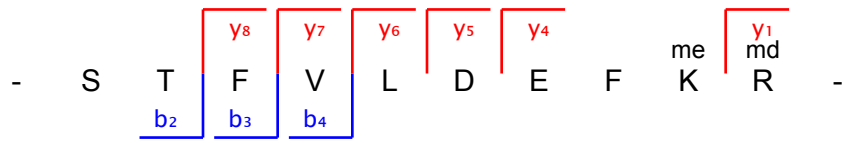
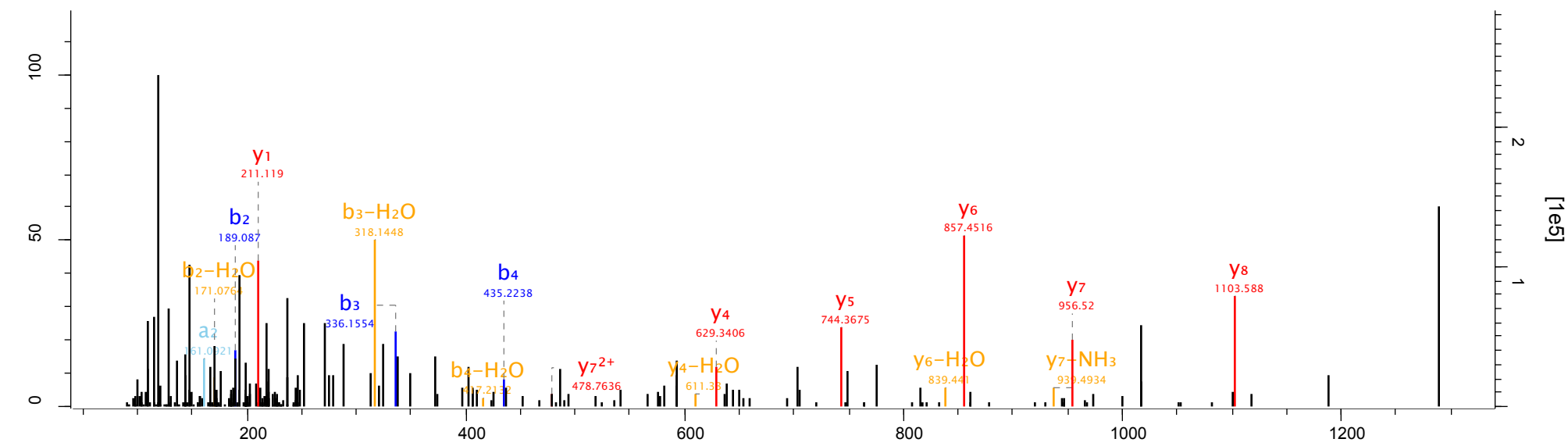
923.97

PIIA



Zhibin_20150831_MDAOPA_SCX_1000mM_3

11589	FTMS; HCD	64.82	646.34	EEF1G
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Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_3

Scan

12130

Method

FTMS; HCD

Score

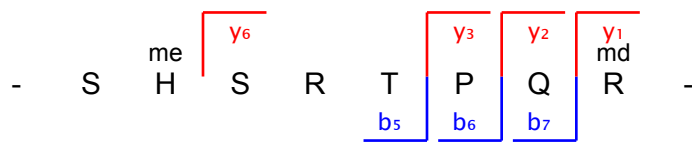
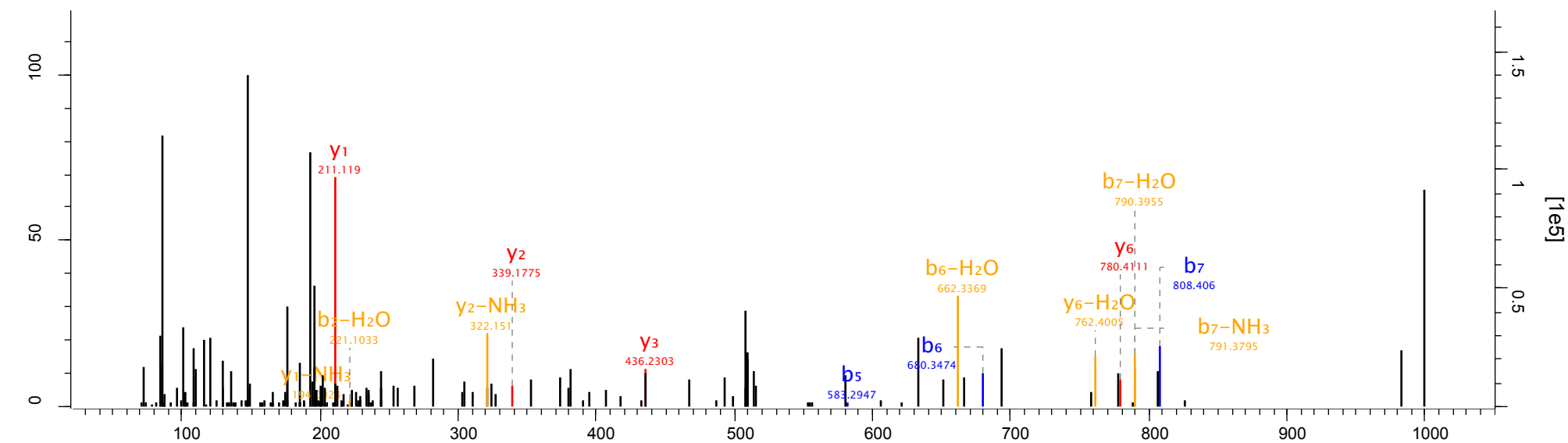
66.35

m/z

509.76

Gene names

SRRM2



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_3

Scan

12805

Method

FTMS; HCD

Score

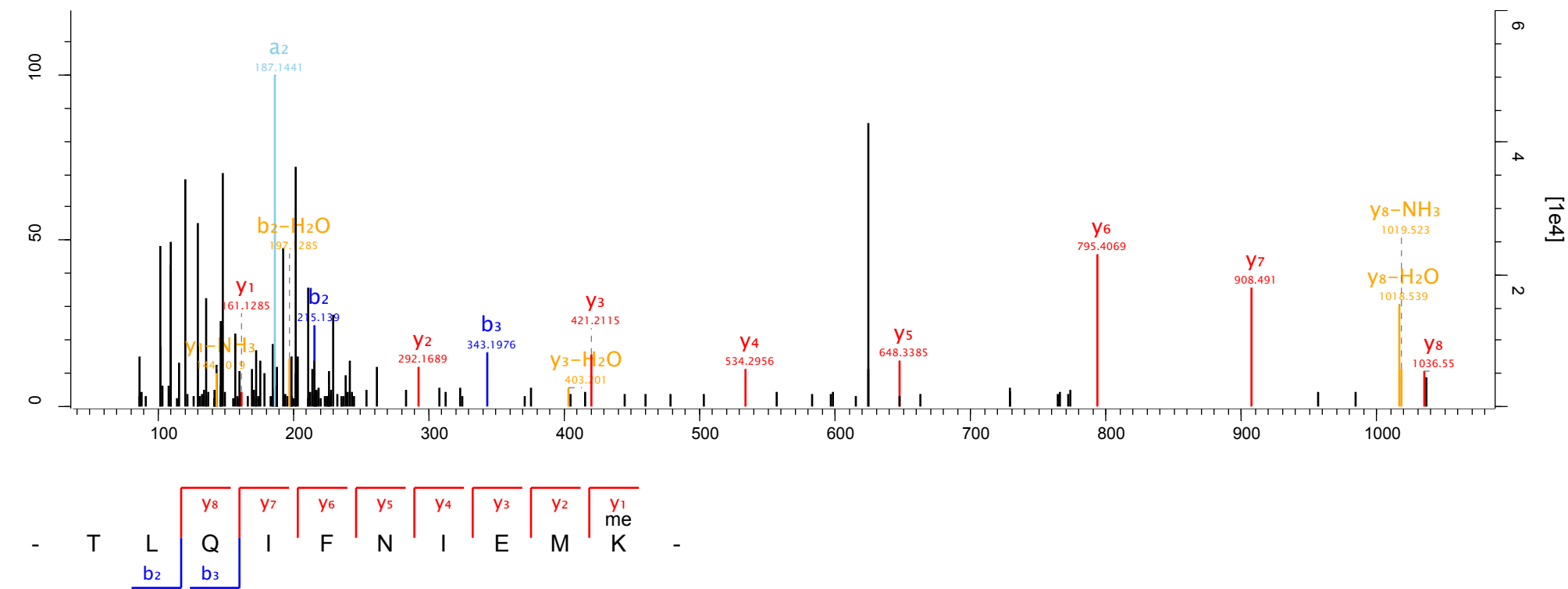
61.34

m/z

625.84

Gene names

CLTC;CLTCL1



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_3

Scan

12989

Method

FTMS; HCD

Score

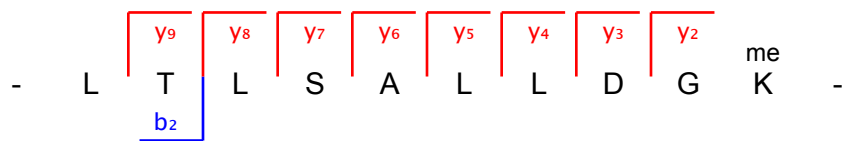
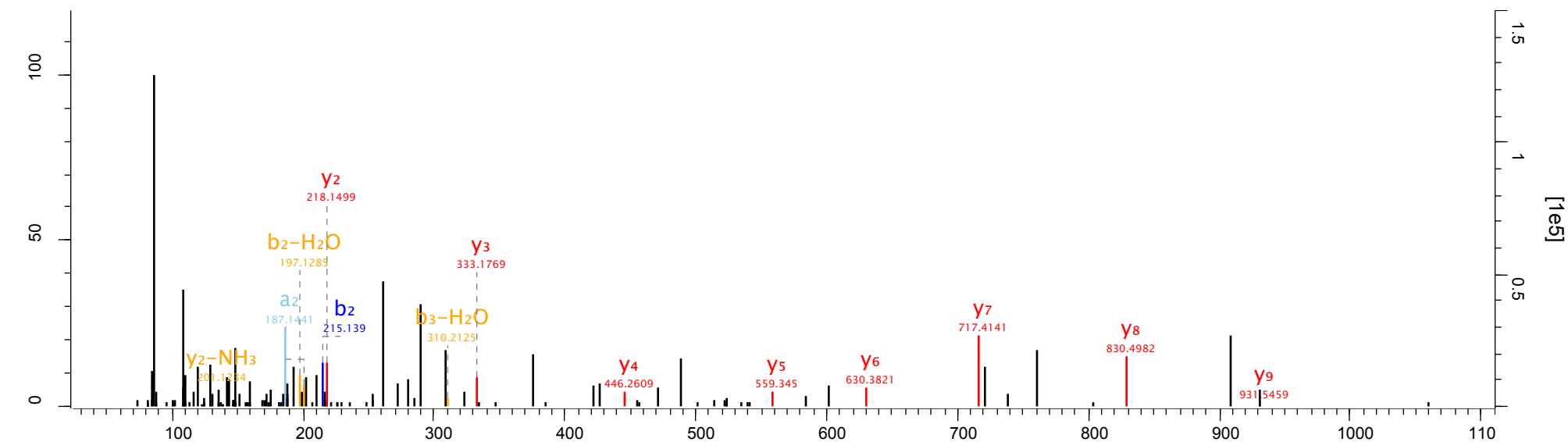
53.24

m/z

523.74

Gene names

VDAC1



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_3

Scan

13598

Method

FTMS; HCD

Score

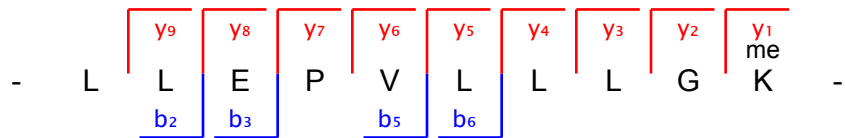
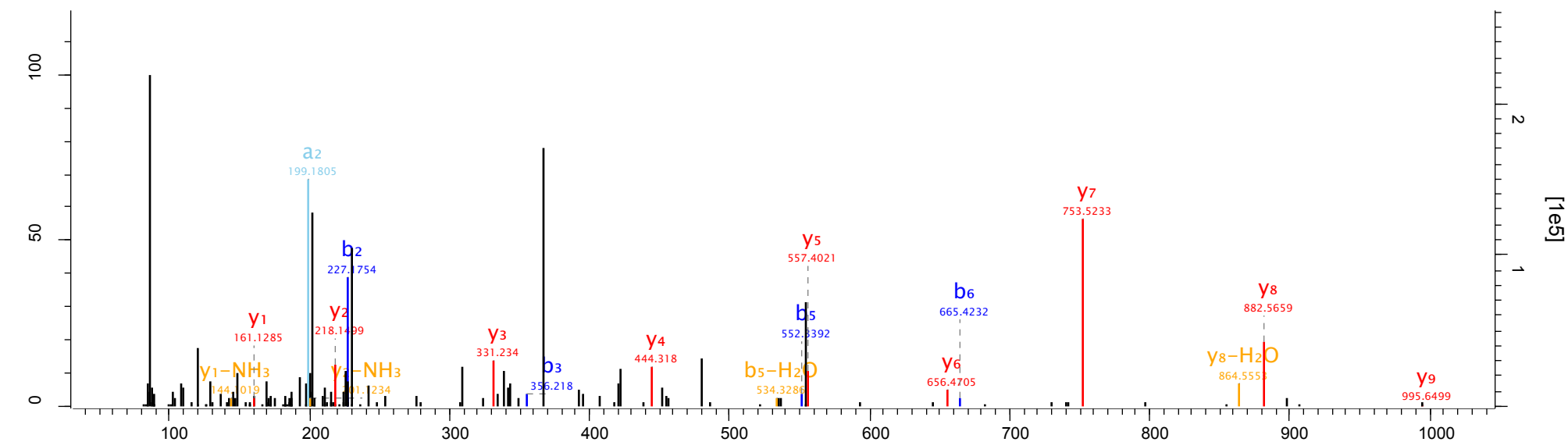
83.87

m/z

554.87

Gene names

RPS16



Raw file

Zhibin_20150831_MDAOPA_SCX_1000mM_3

Scan

13904

Method

FTMS; HCD

Score

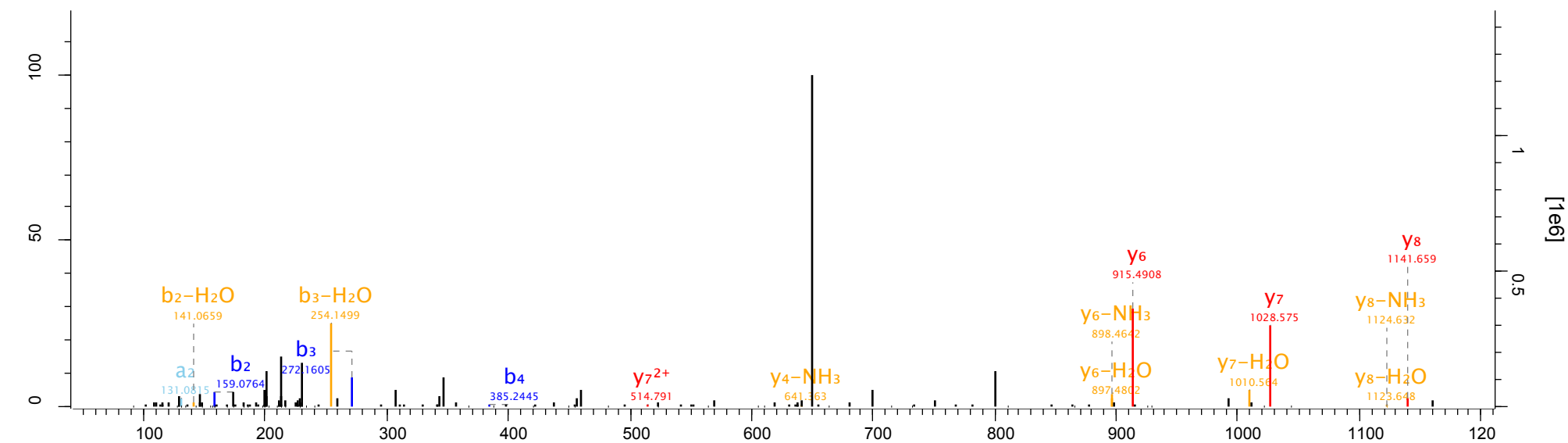
82.64

m/z

650.37

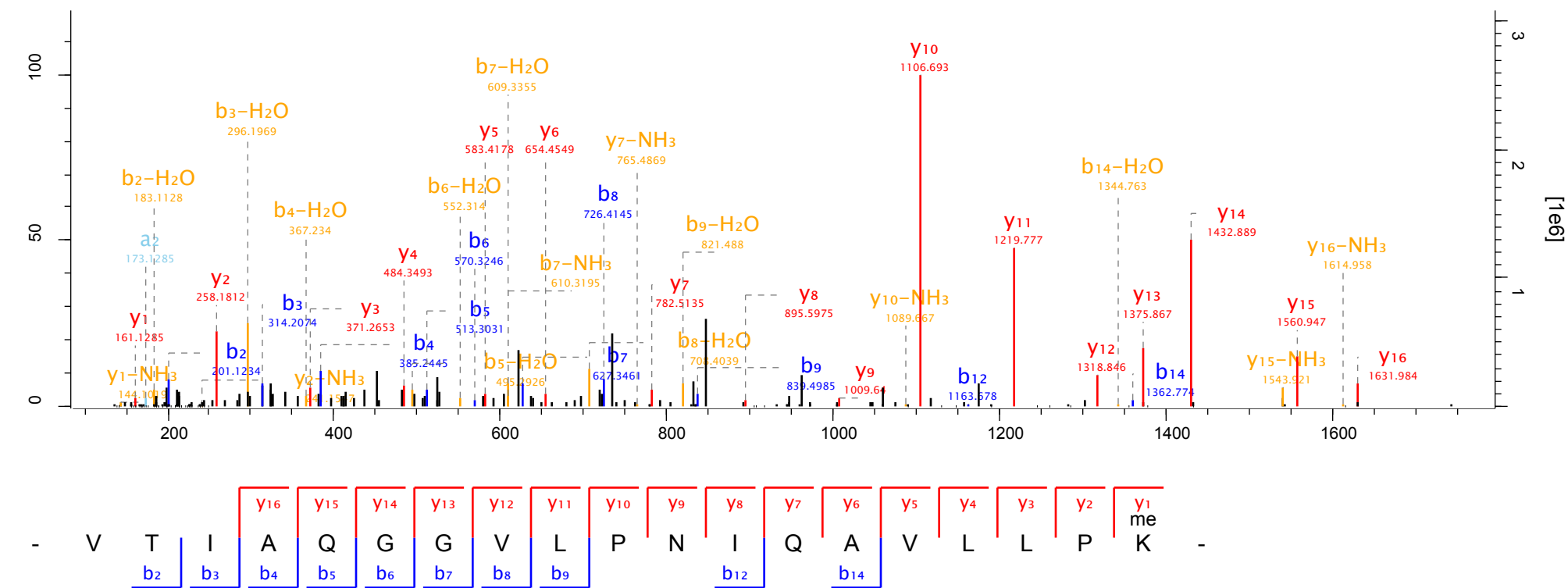
Gene names

SYNPO2L

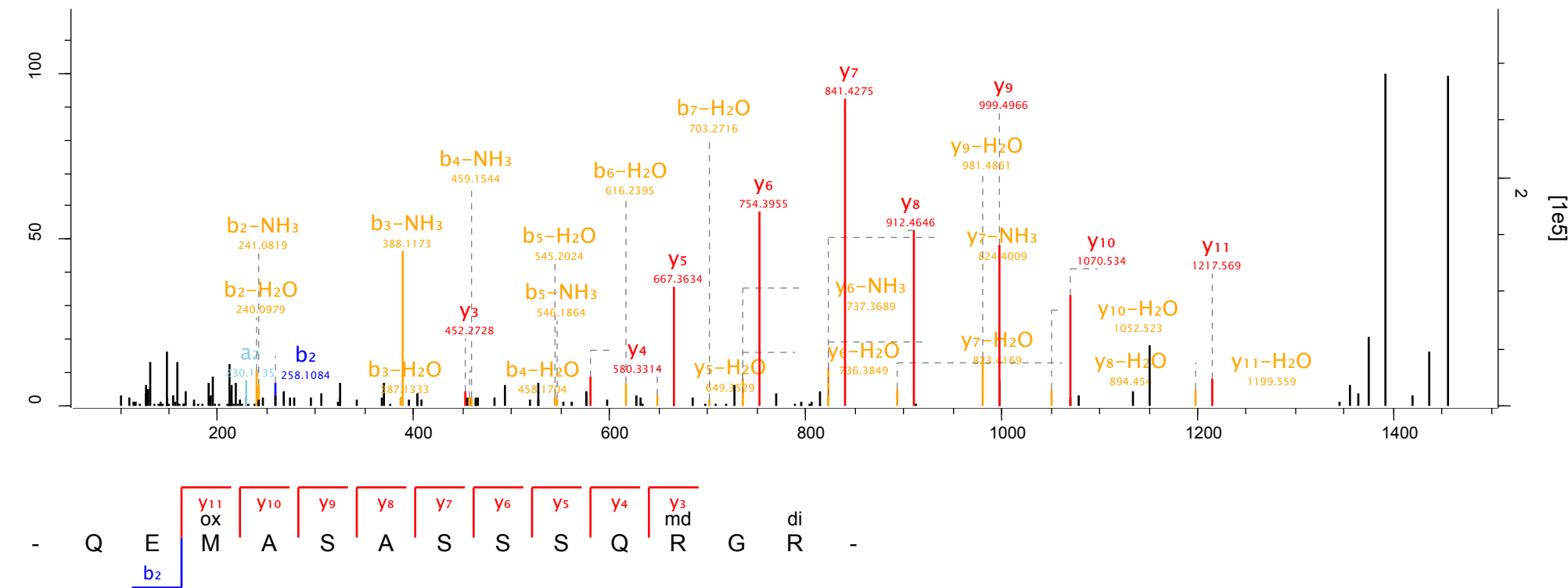


- T G I L Q E A md md di -
b₂ b₃ b₄ y₈ y₇ y₆

Zhibin_20150831_MDAOPA_SCX_1000mM_3 14457 FTMS; HCD 172.93 973.6 HIST1H2AJ;HIST1H2AH;H2AFJ;HIST2H2AC;HIST2H2AA3;HIST1H2AG;HIST1H2AD;HIST1H2AC;HIST3H2A;HIST1H2A



HNRNPA1;HNRNPA1L2



Raw file

Scan Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_100mM

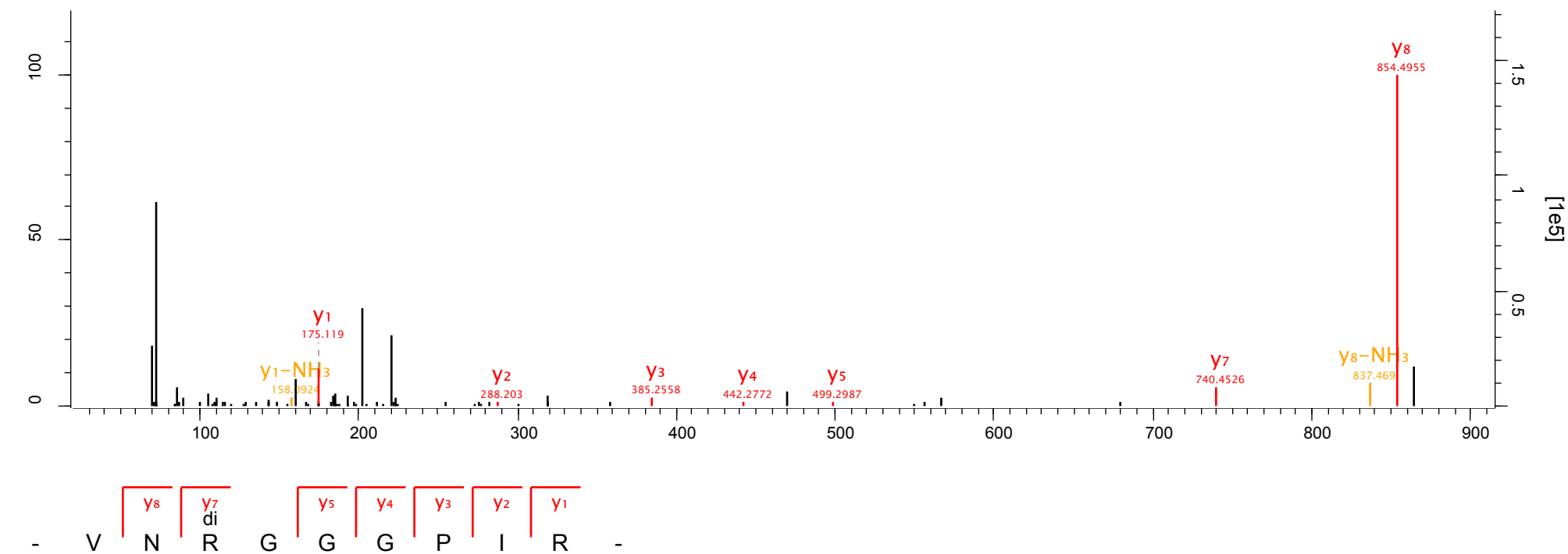
2502

FTMS; HCD

48.79

318.53

ALYREF



Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

2614

Method

FTMS; HCD

Score

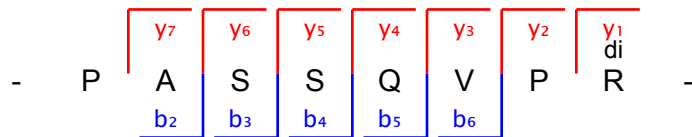
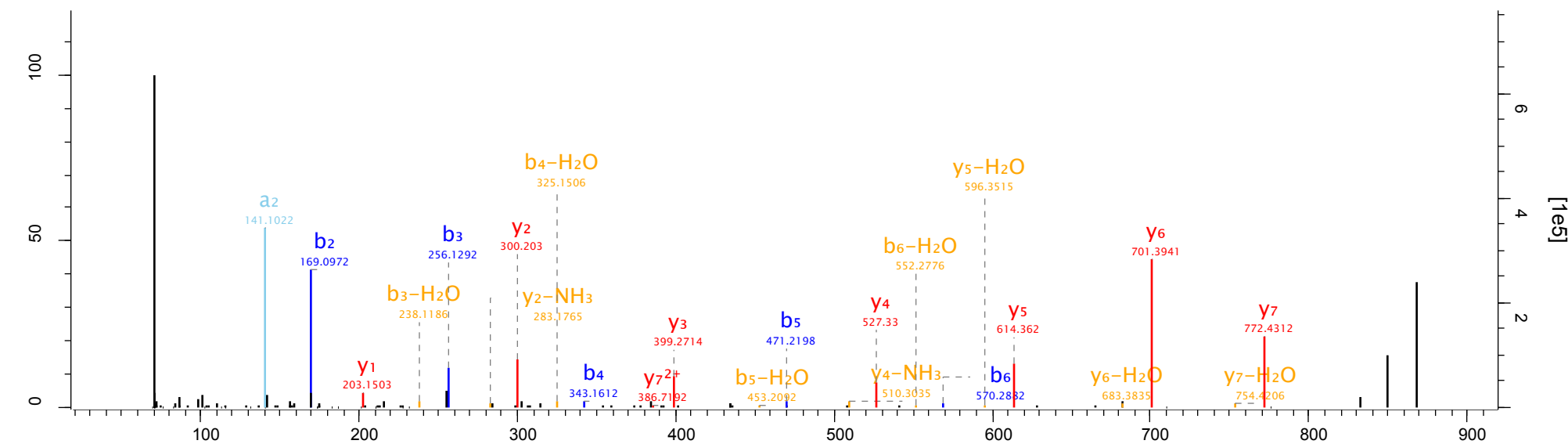
160.88

m/z

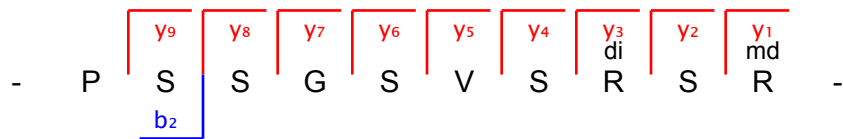
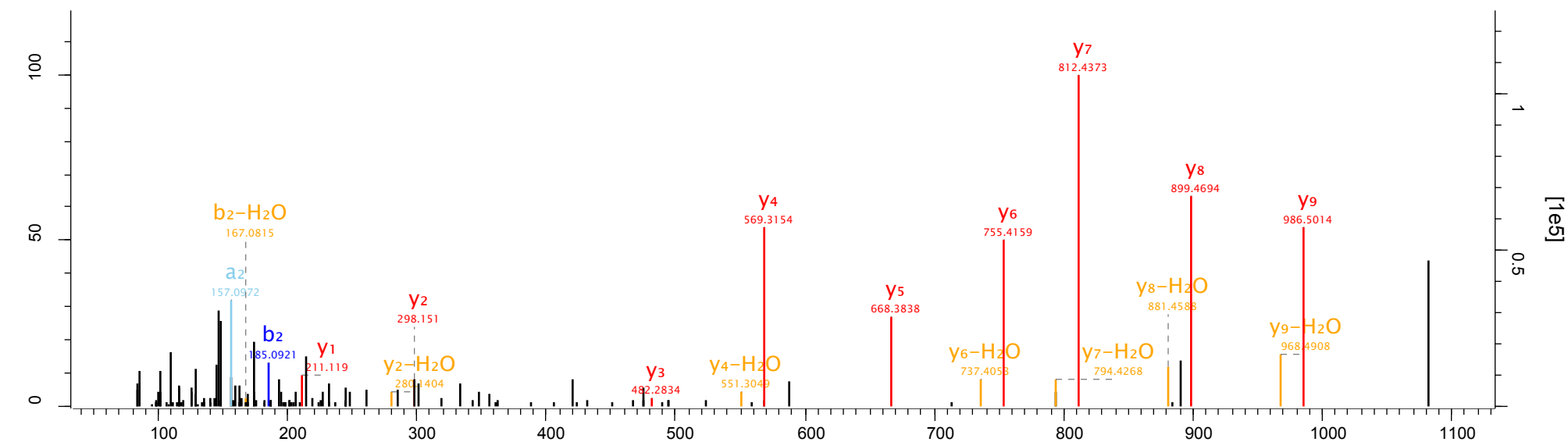
435.25

Gene names

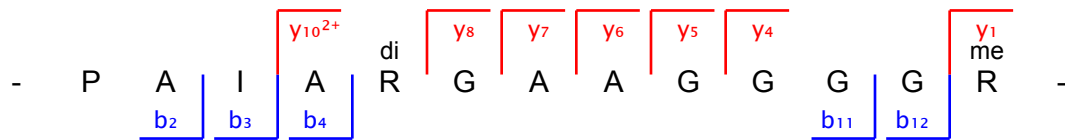
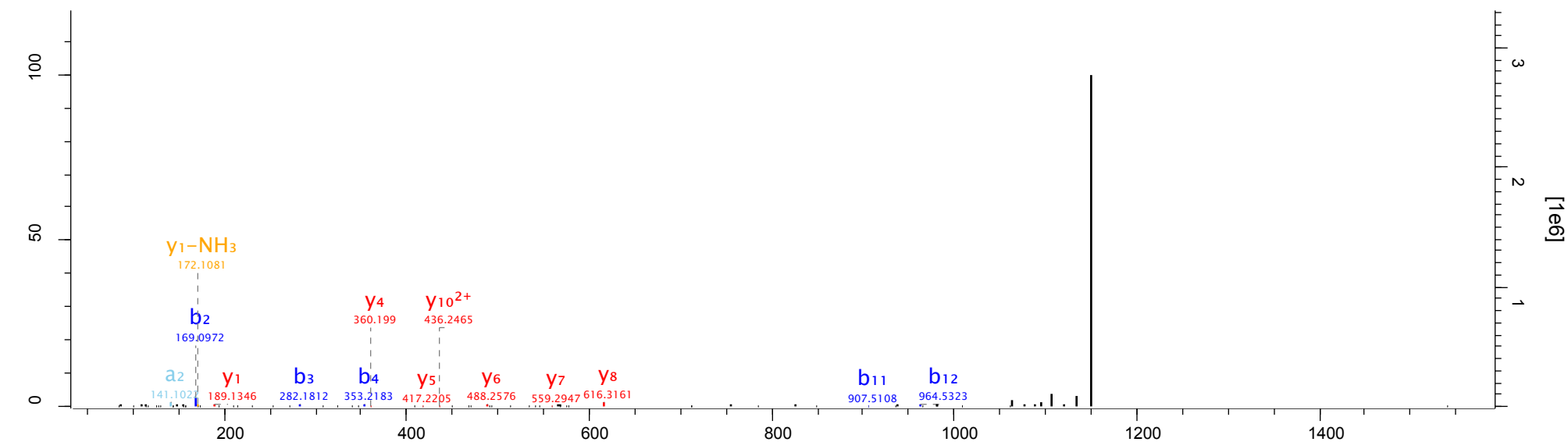
PABPC1;PABPC3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	2644	FTMS; HCD	90.05	361.86	TPR



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	2759	FTMS; HCD	65.23	576.83	ALYREF



Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

2768

Method

FTMS; HCD

Score

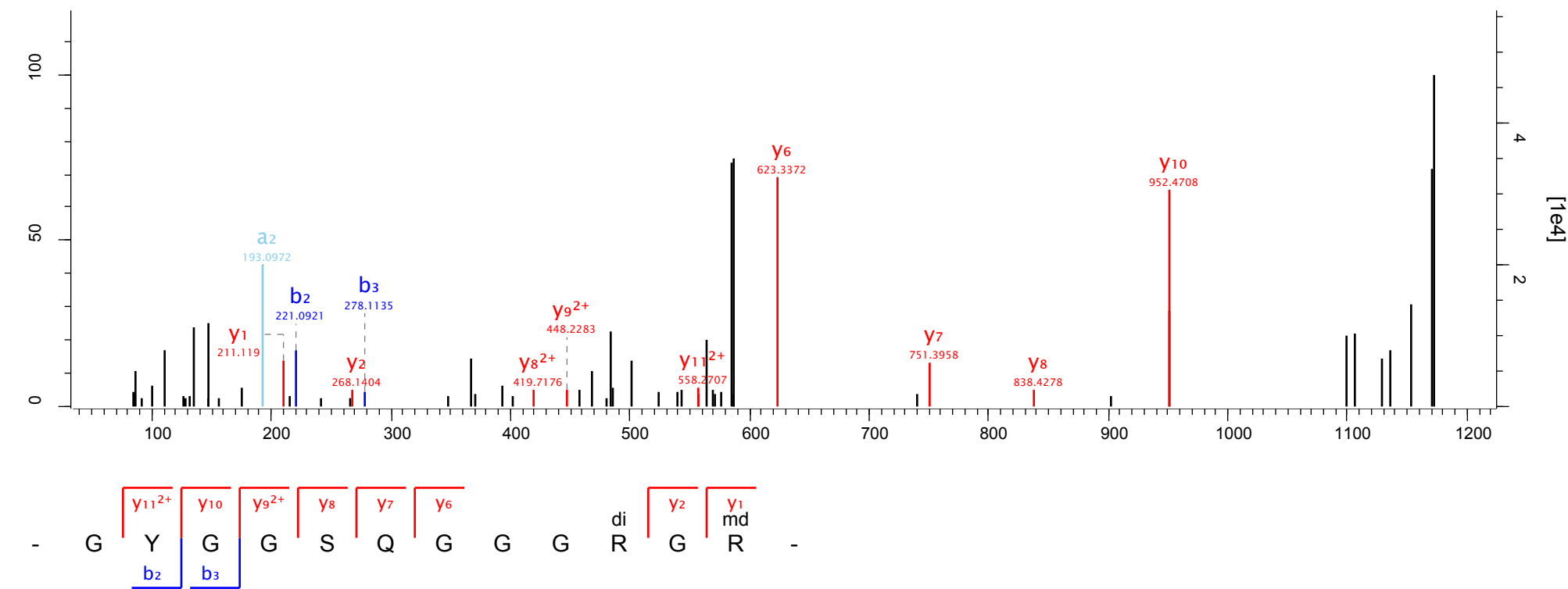
61.82

m/z

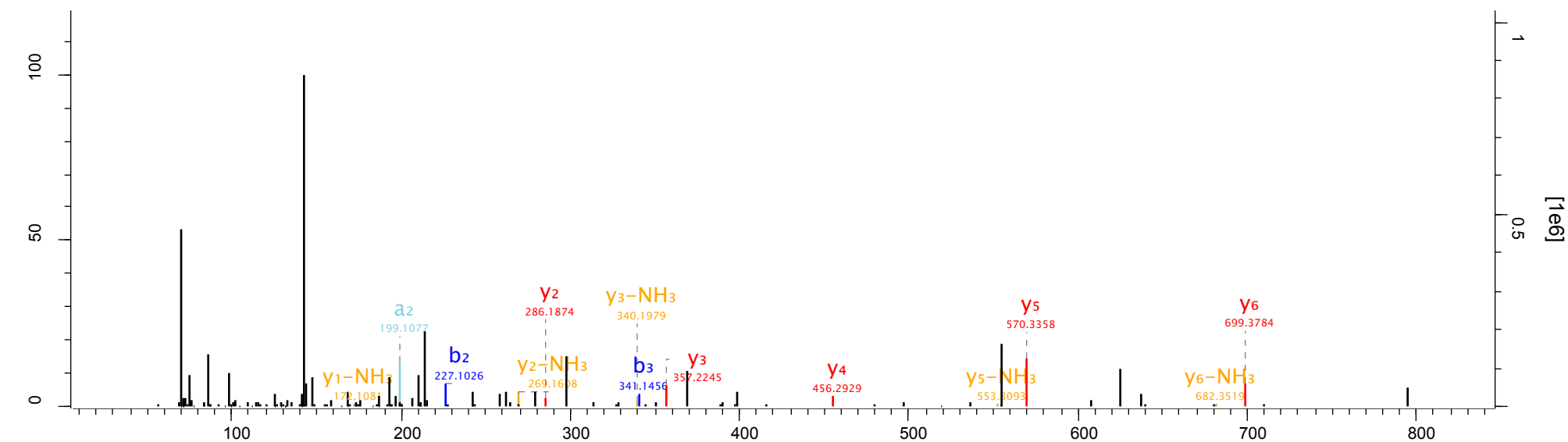
587.28

Gene names

TAF15



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	3002	FTMS; HCD	69.18	398.7	CCT4

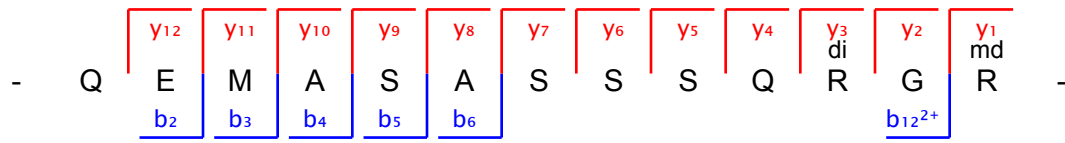
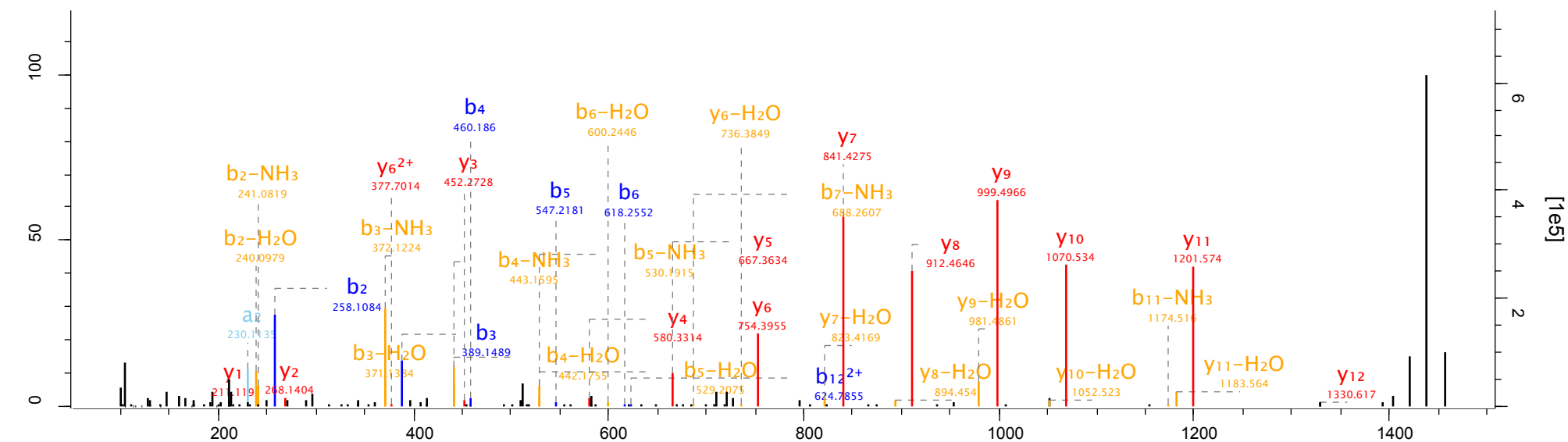


- P E N V A P me R -

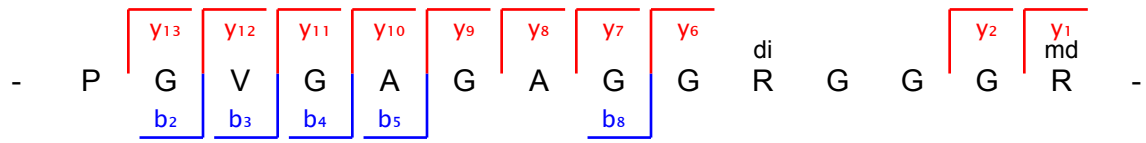
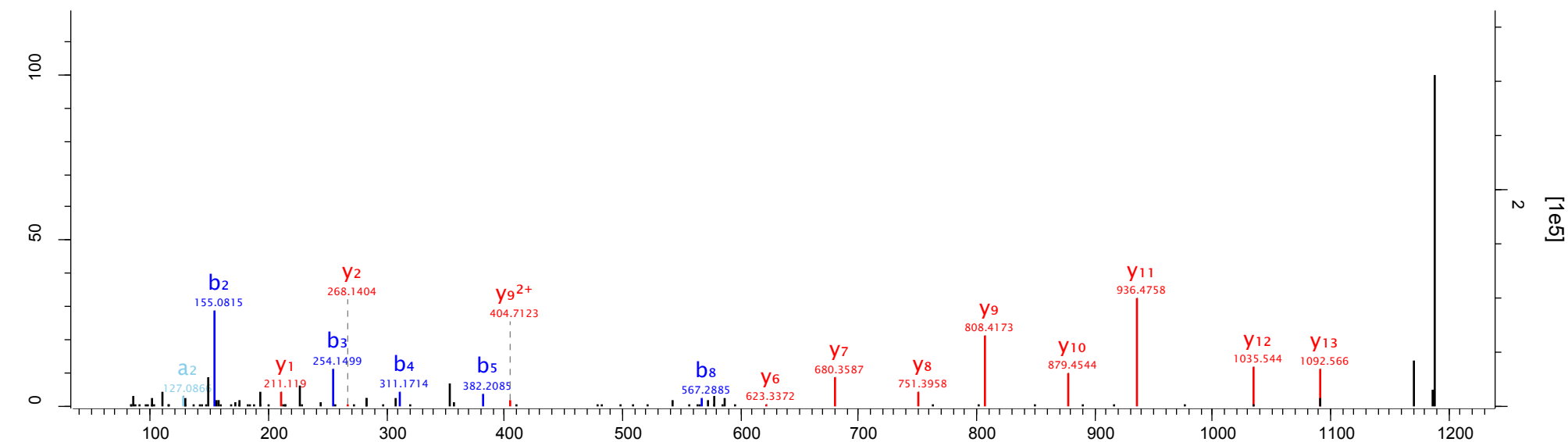
b2 b3

y6 y5 y4 y3 y2

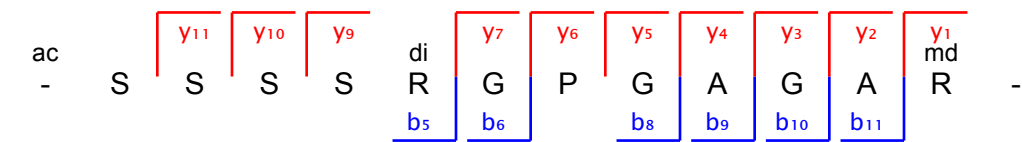
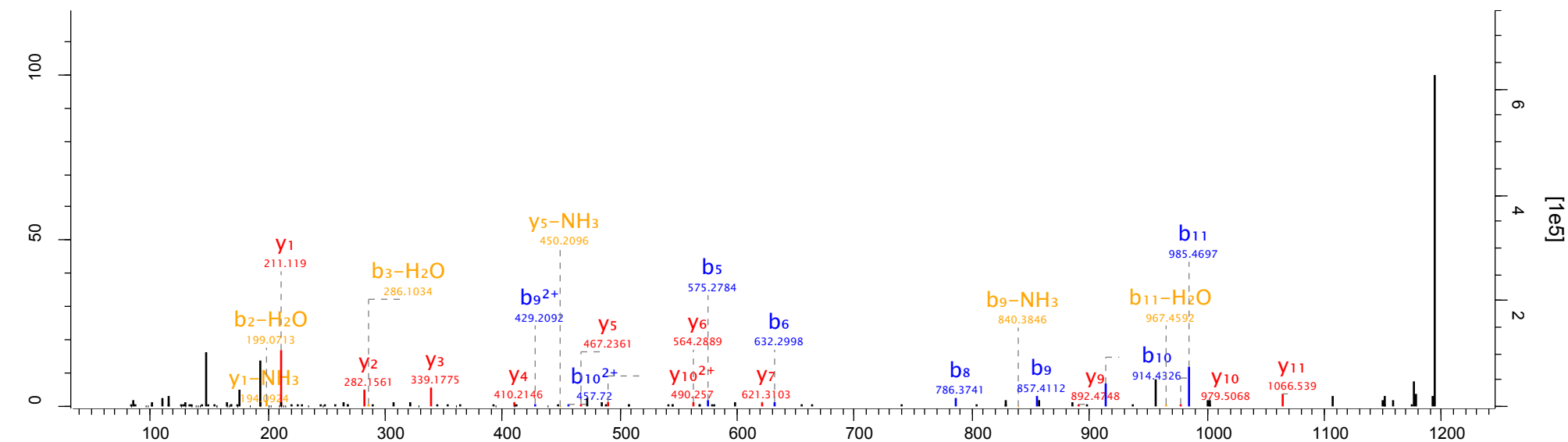
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	3144	FTMS; HCD	182.89	729.84	HNRNPA1;HNRNPA1L2



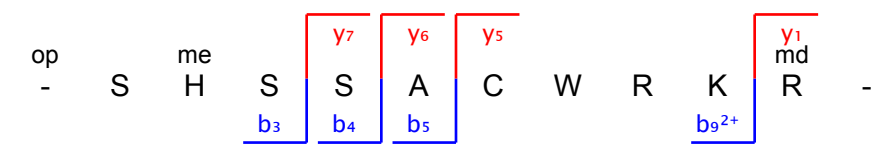
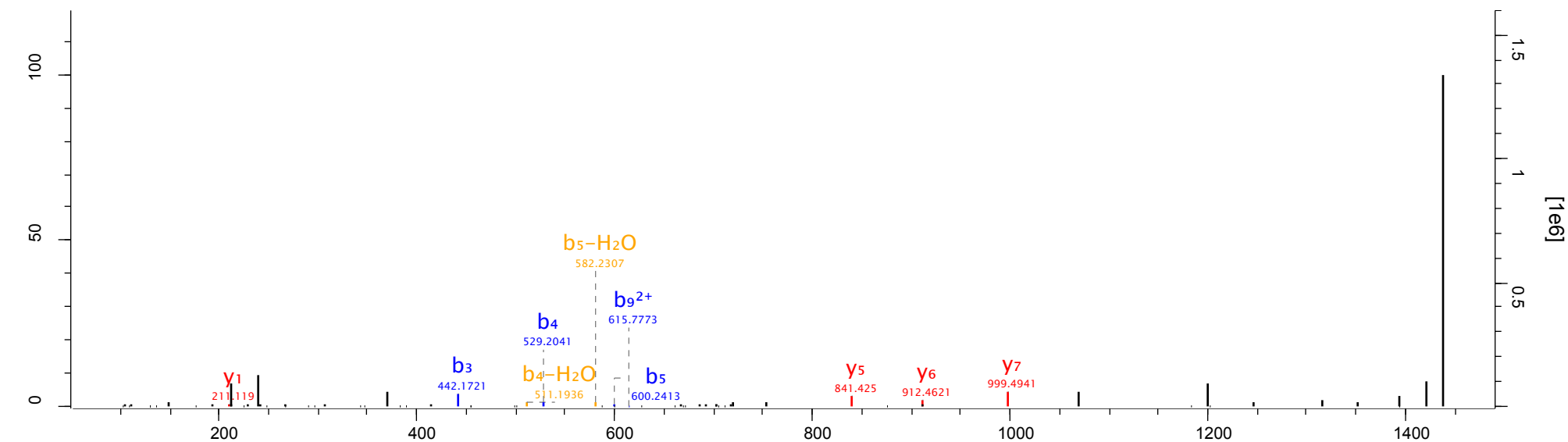
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	3182	FTMS; HCD	85.52	595.31	TMEM214



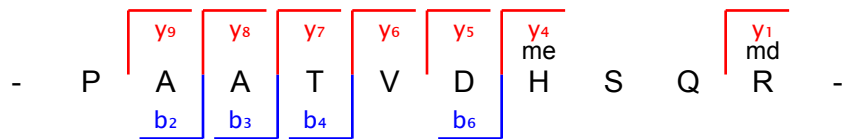
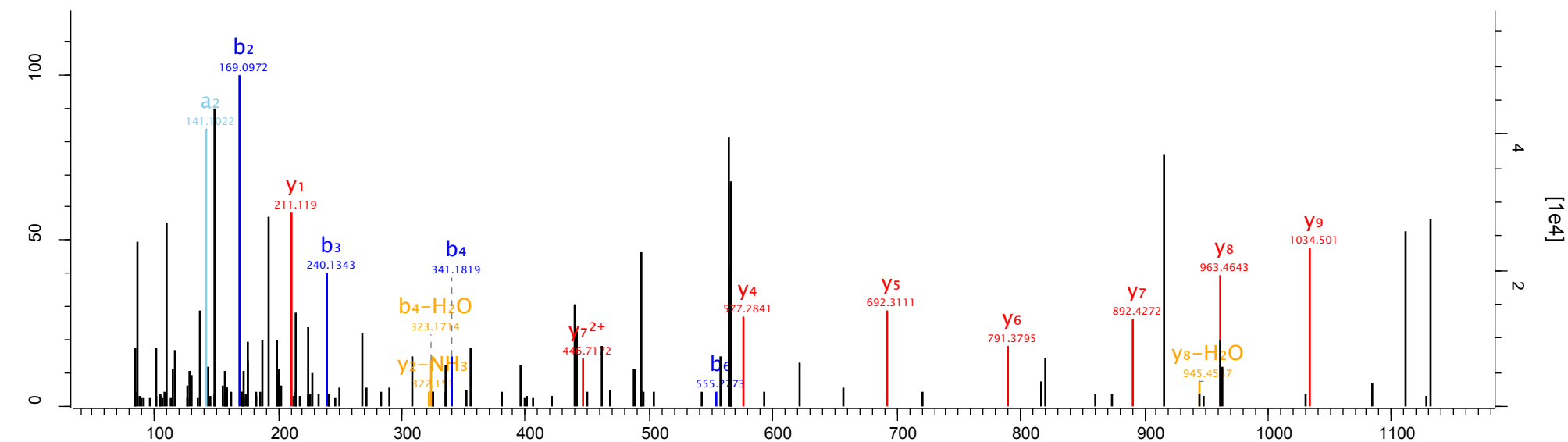
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	3431	FTMS; HCD	70.63	598.29	FBXL19



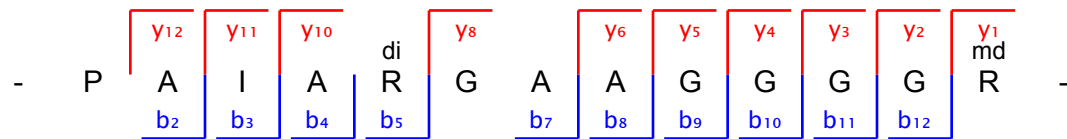
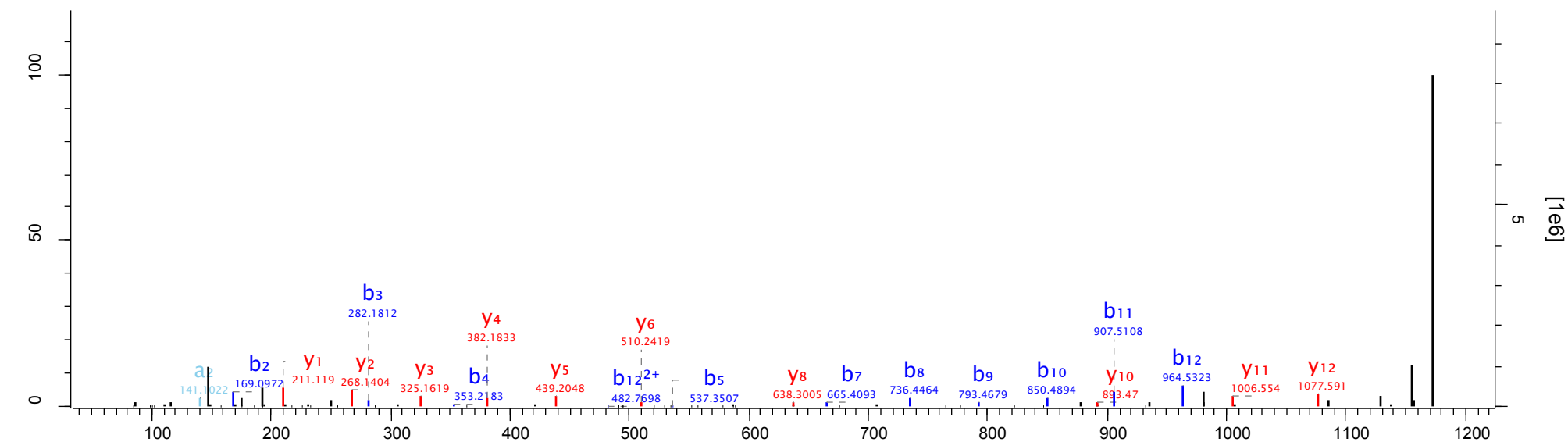
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	3469	FTMS; HCD	52.58	720.84	C14orf182



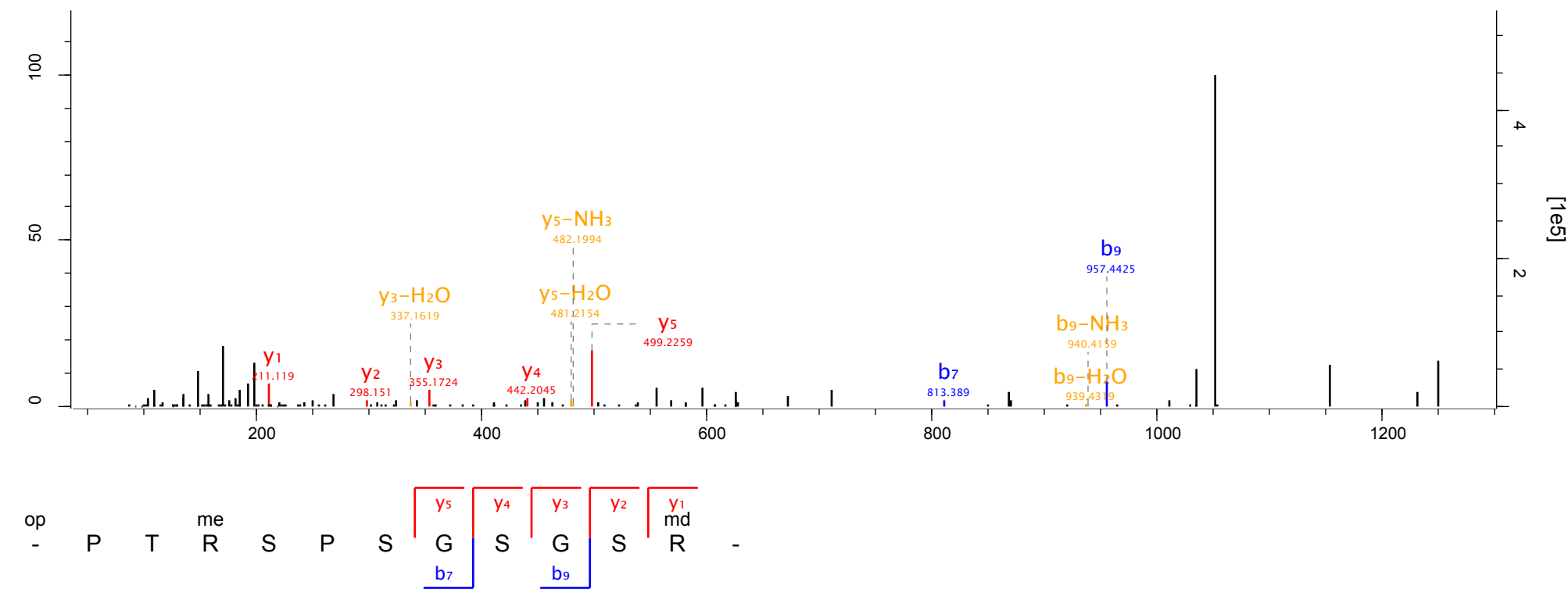
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	3797	FTMS; HCD	73.5	566.28	CNOT7



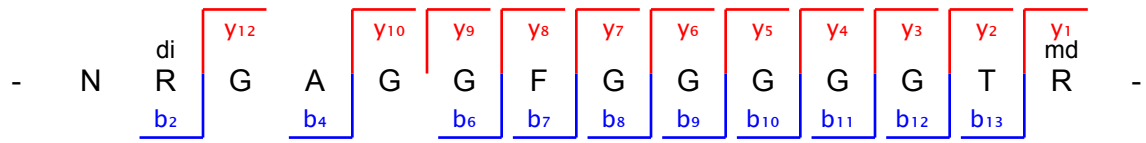
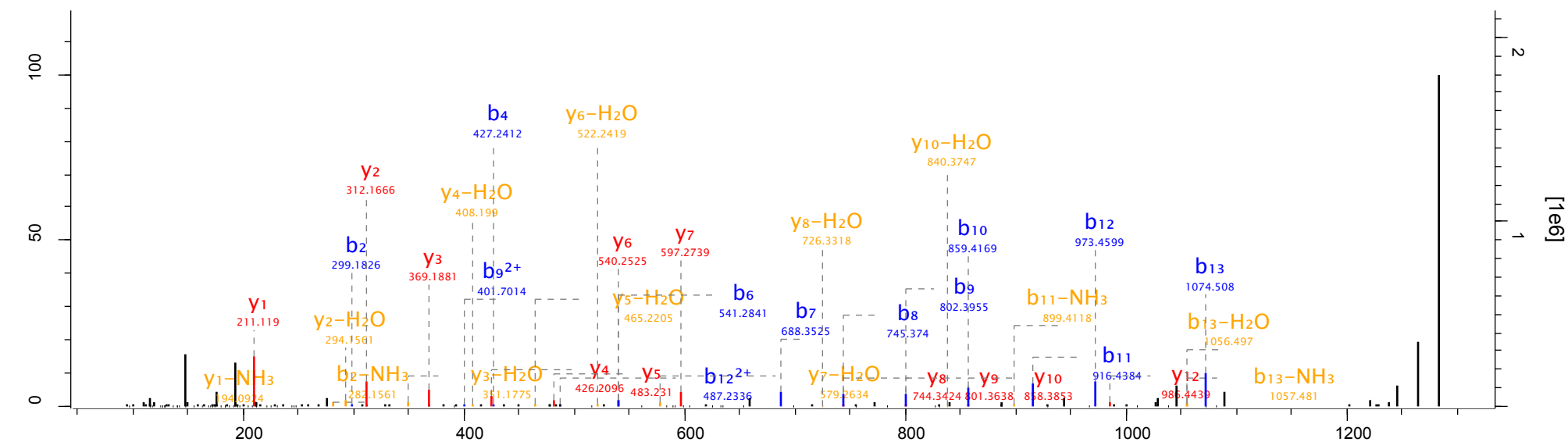
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	3815	FTMS; HCD	120.57	587.83	ALYREF



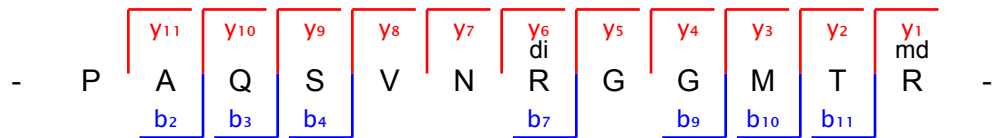
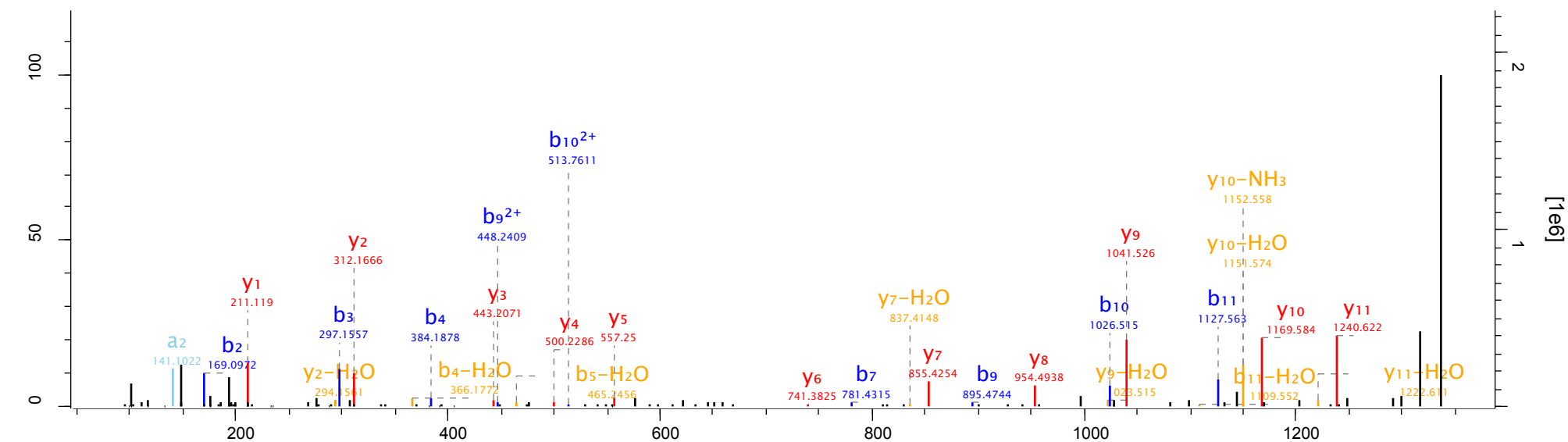
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	3871	FTMS; HCD	52	626.8	SPEN



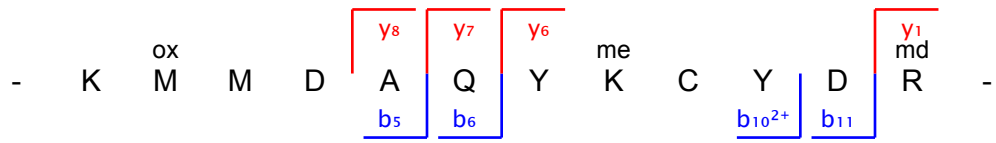
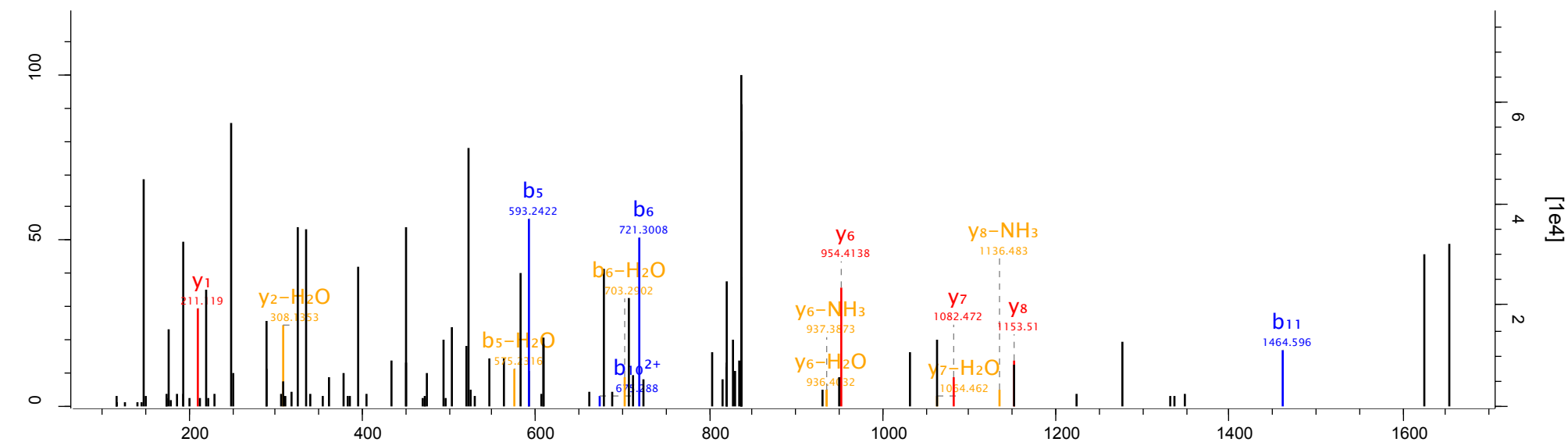
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	4319	FTMS; HCD	165.78	642.81	ALYREF



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	4399	FTMS; HCD	164.68	669.34	ALYREF



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	4600	FTMS; HCD	55.78	838.36	CALCR



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_100mM

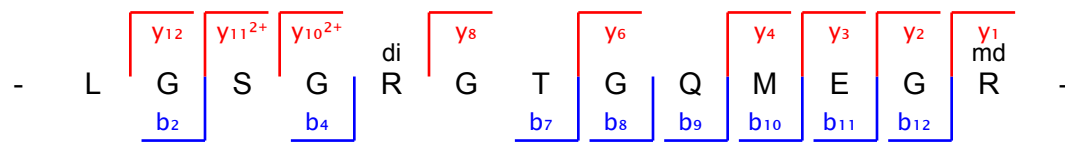
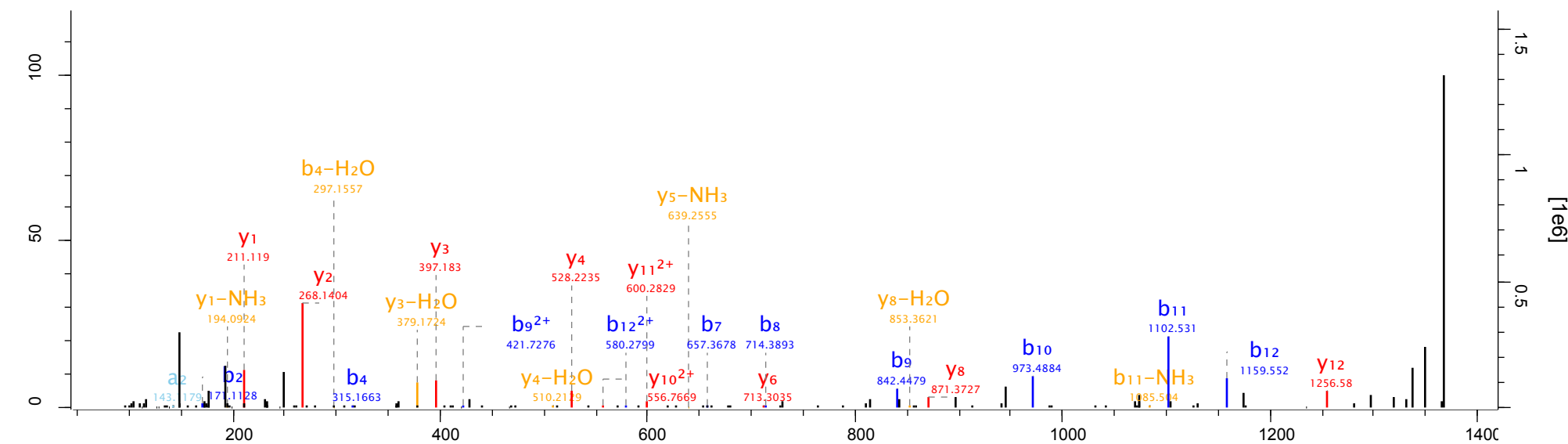
4682

FTMS; HCD

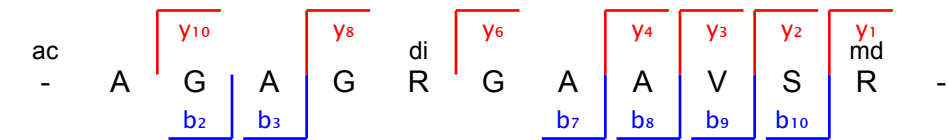
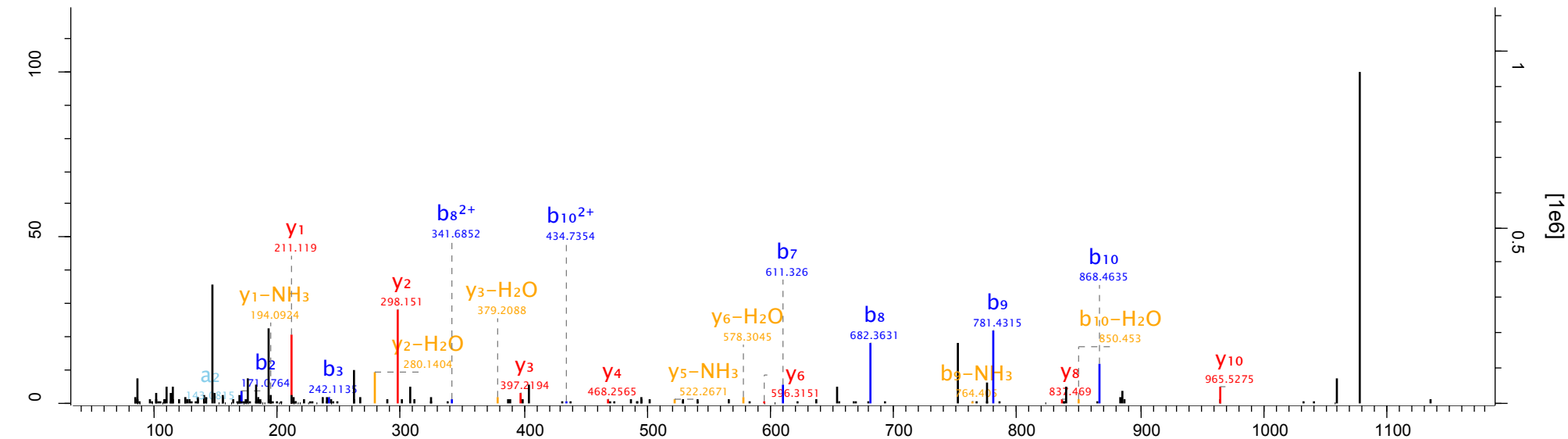
98.59

685.34

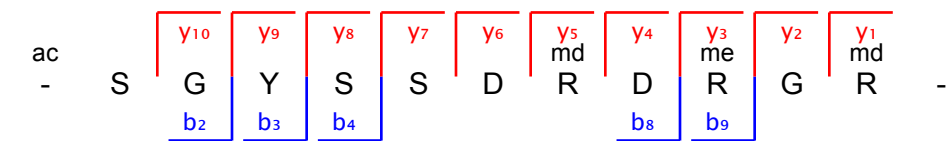
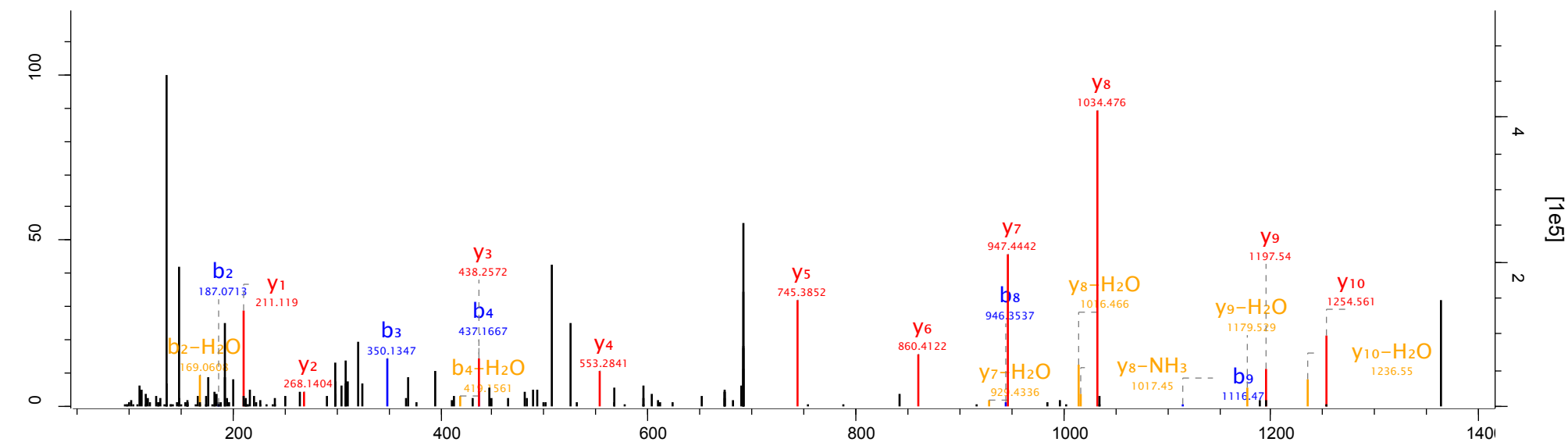
G3BP2



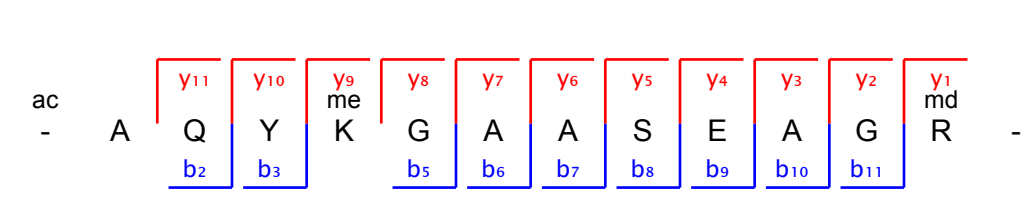
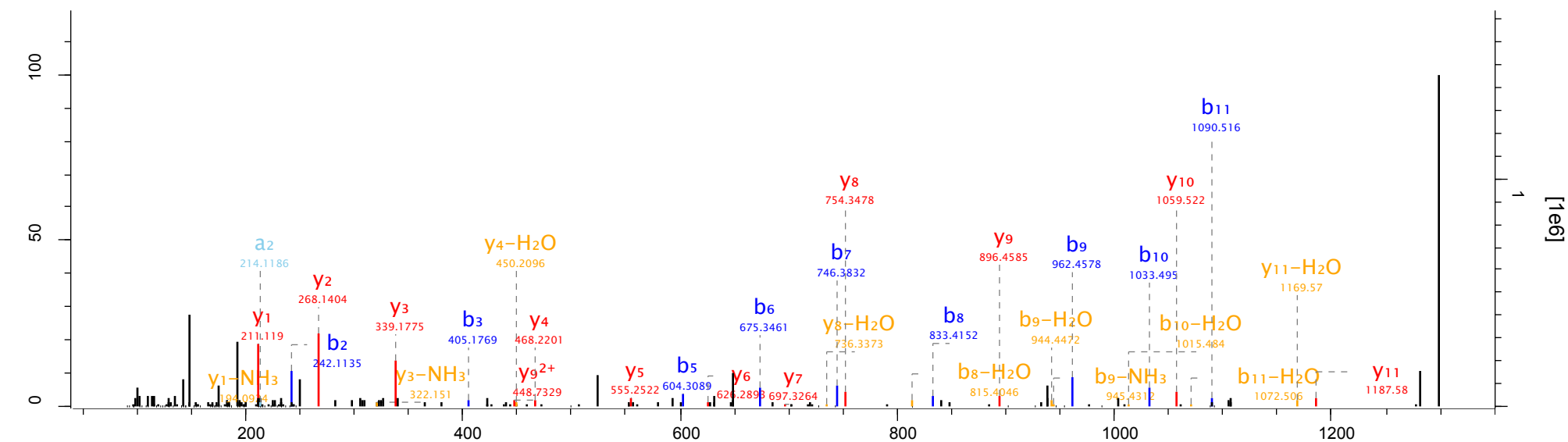
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	5121	FTMS; HCD	88.16	539.79	CCDC137



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	6038	FTMS; HCD	96.74	692.31	DDX5



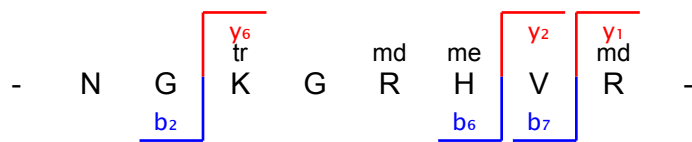
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	6067	FTMS; HCD	125.84	650.82	FAM50A



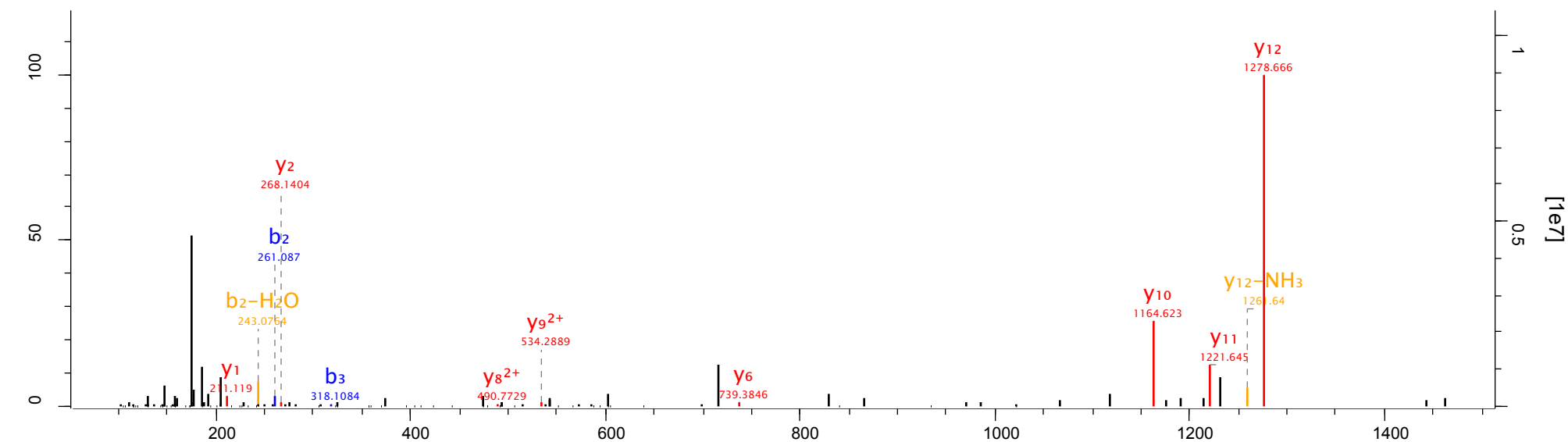
Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan	Method	Score	m/z	Gene names
6191	FTMS; HCD	55.68	526.3	NDUFV2



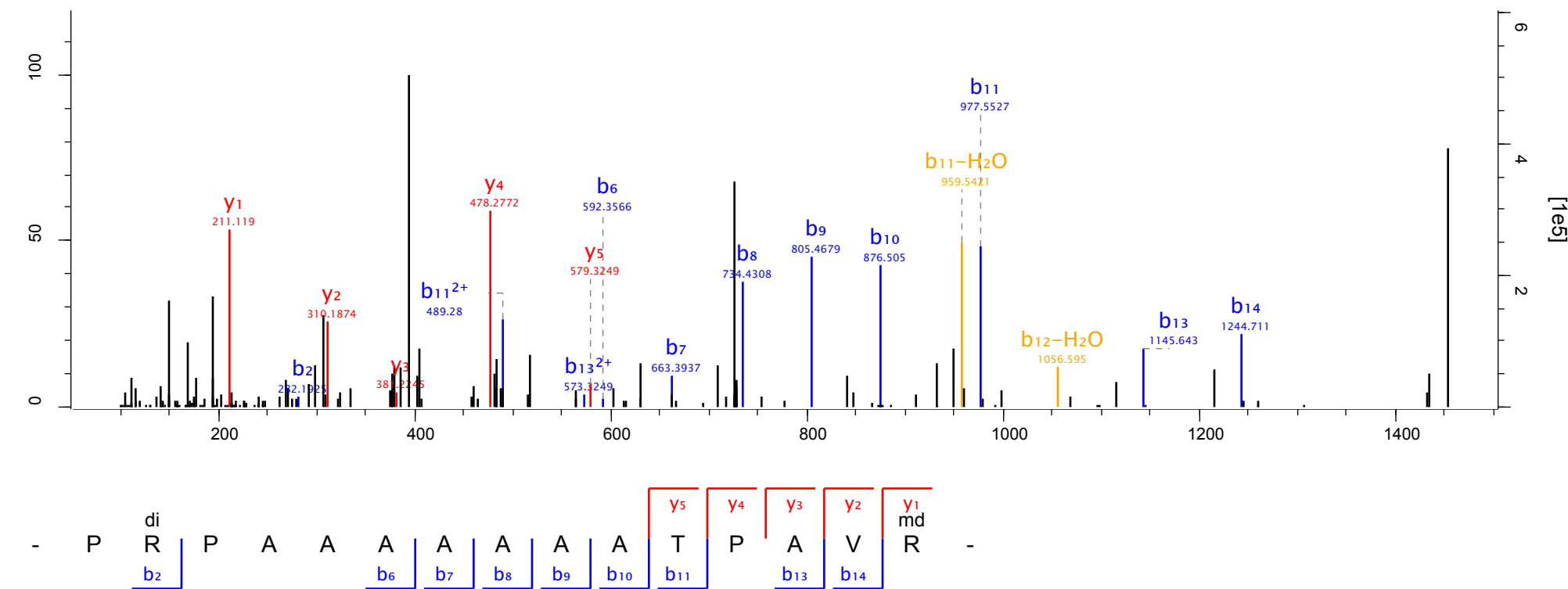
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	6237	FTMS; HCD	53.03	494.58	UBAP2L



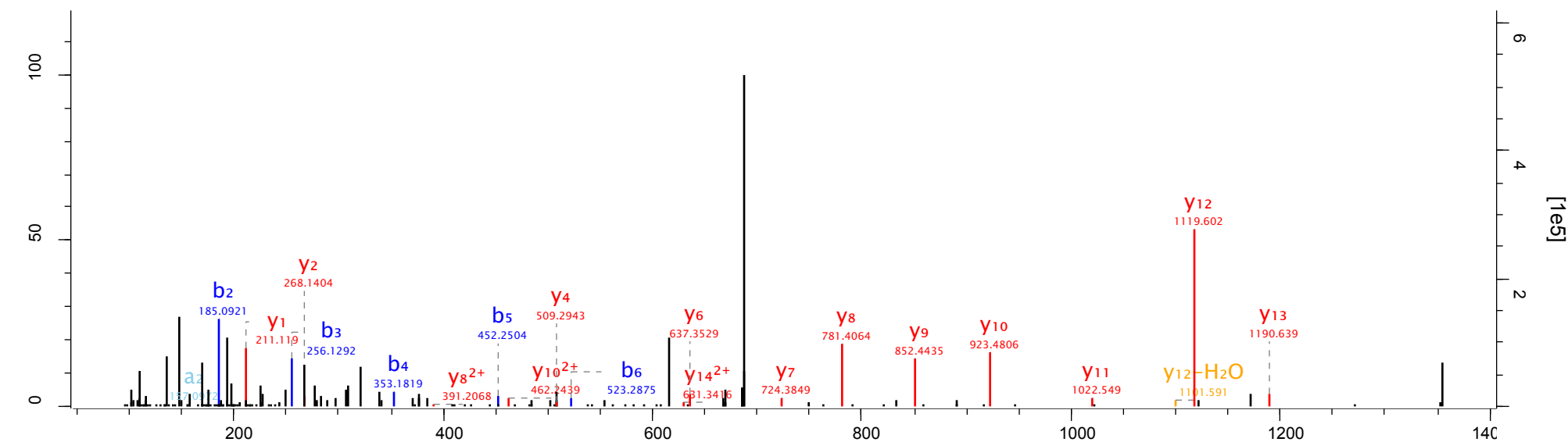
op
- S G G P S G di R G T E di R G R md -

b2 b3

y12 y11 y10 y9²⁺ y8²⁺ y6 y2 y1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	6417	FTMS; HCD	75.76	687.87	TRPC4AP



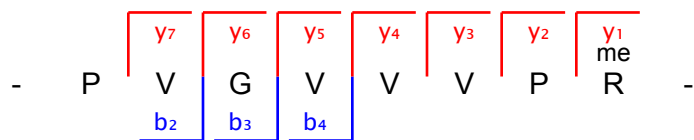
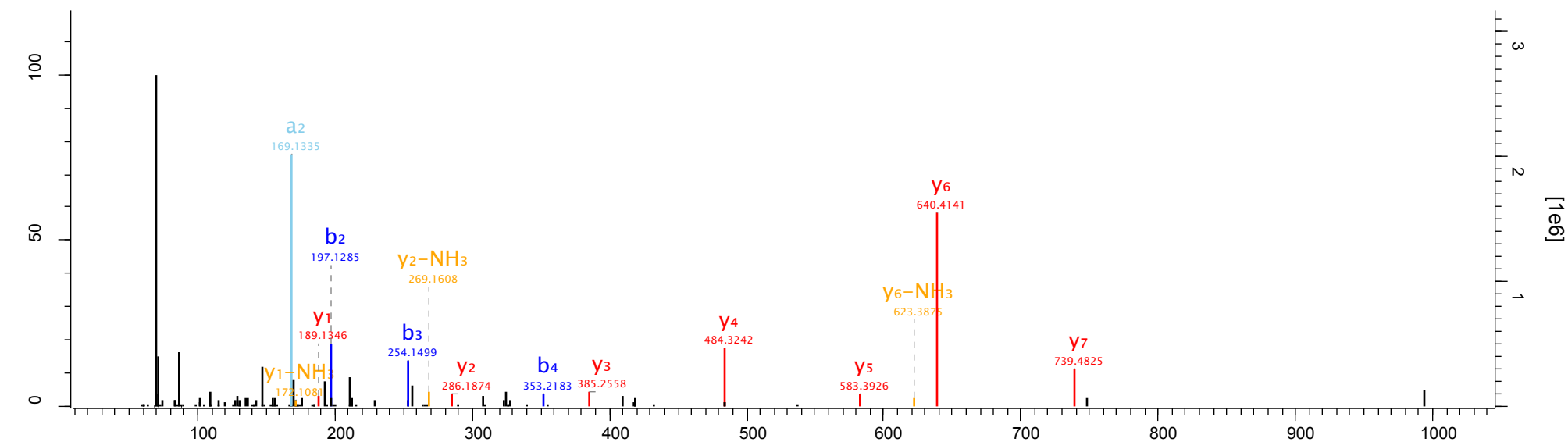
ac

- A A A P V A A G S G A G di R G R -

b₂ b₃ b₄ b₅ b₆

y₁₄²⁺ y₁₃ y₁₂ y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₄ y₂ y₁

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	7329	FTMS; HCD	89.55	418.77	KHDRBS3



Zhibin_20150902_MDAOPA_SCX_100mM

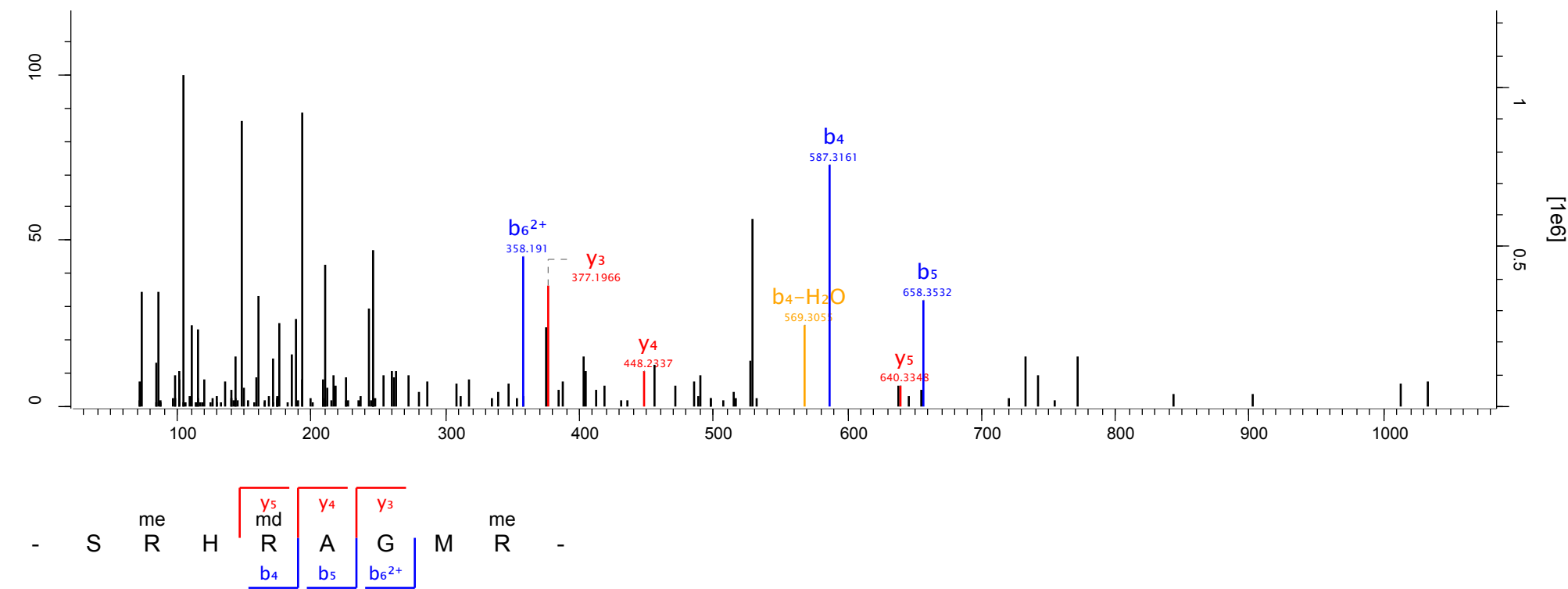
7404

FTMS; HCD

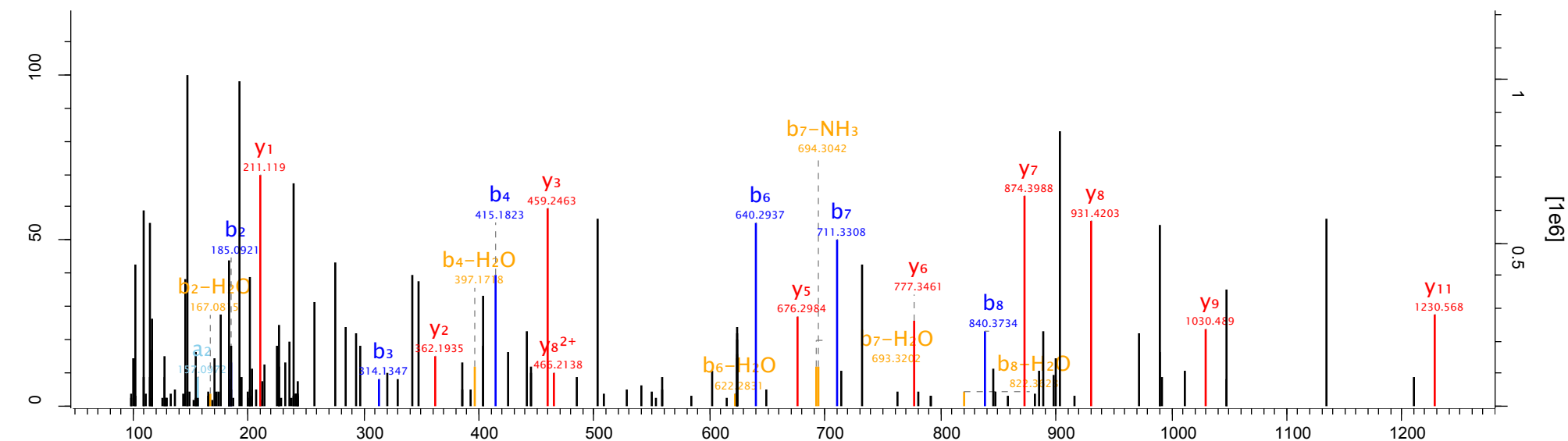
43.81

517.23

INPP5F



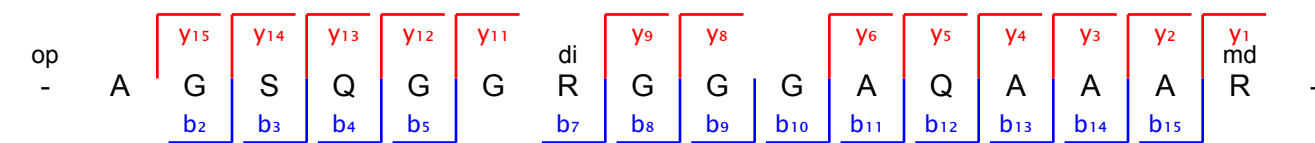
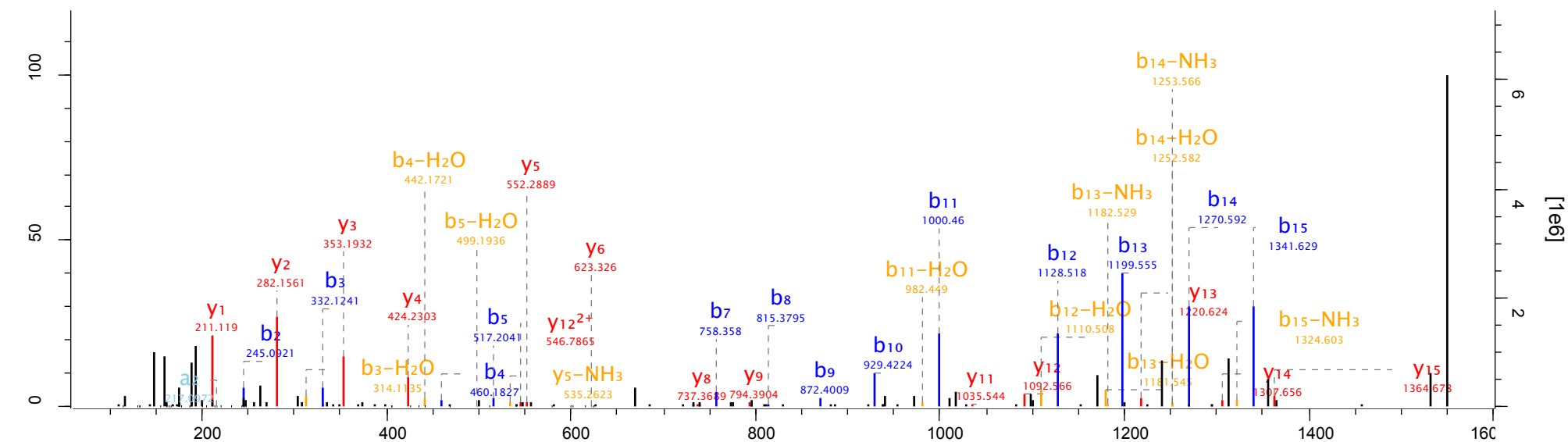
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	7459	FTMS; HCD	52.52	624.79	CBS



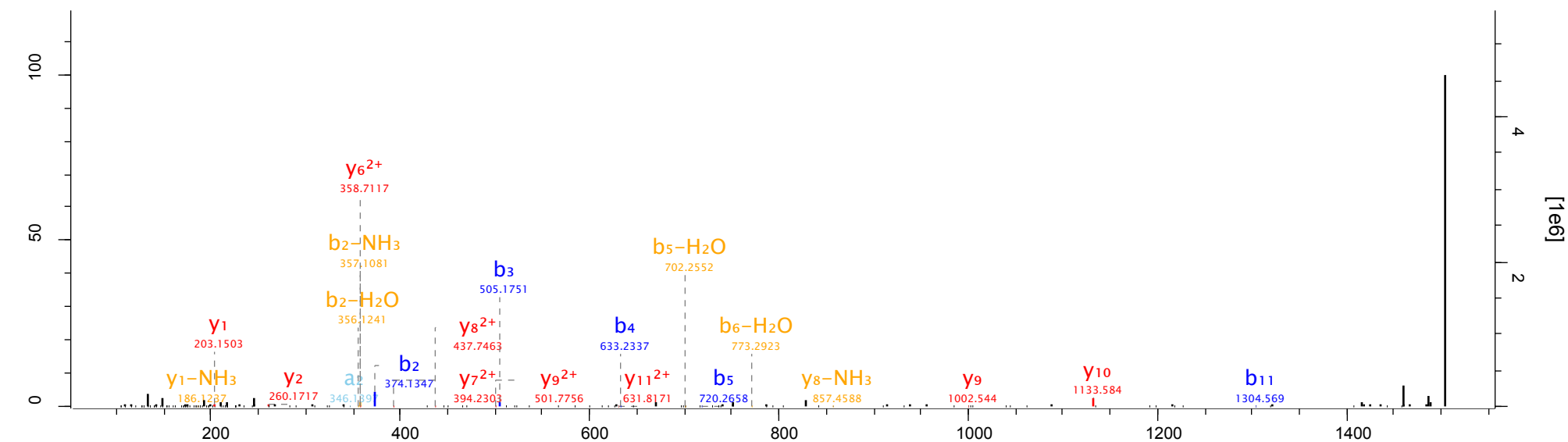
- P S E T P Q A E V G P T G C P H R -

b₂
b₃
b₄
b₆
b₇
b₈
y₁₁
y₉
y₈
y₇
y₆
y₅
y₃
y₂
y₁

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	7628	FTMS; HCD	151.55	776.38	ALYREF



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	7662	FTMS; HCD	61.19	753.86	HNRNPA3



op
- Q E M Q S A G S Q di R G di R -

b₂ b₃ b₄ b₅ b₁₁

y₁₁²⁺ y₁₀ y₉ y₈²⁺ y₇²⁺ y₆²⁺ y₂ y₁

Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

7702

Method

FTMS; HCD

Score

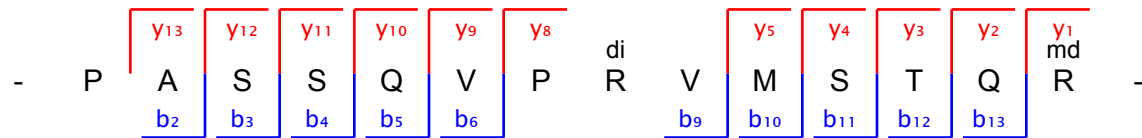
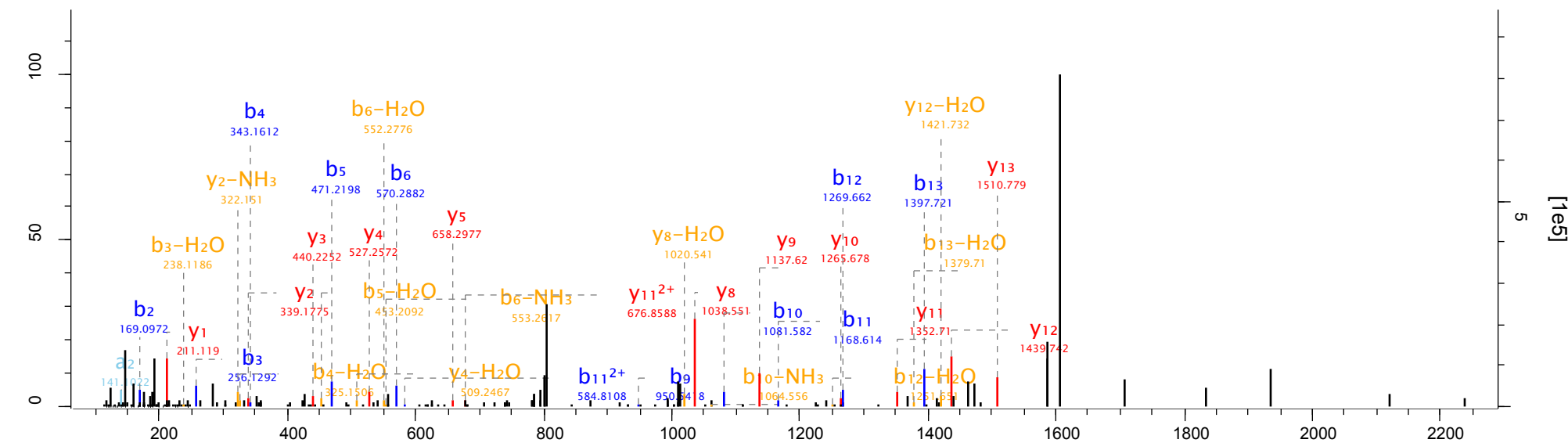
153.79

m/z

804.42

Gene names

PABPC1;PABPC3



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_100mM

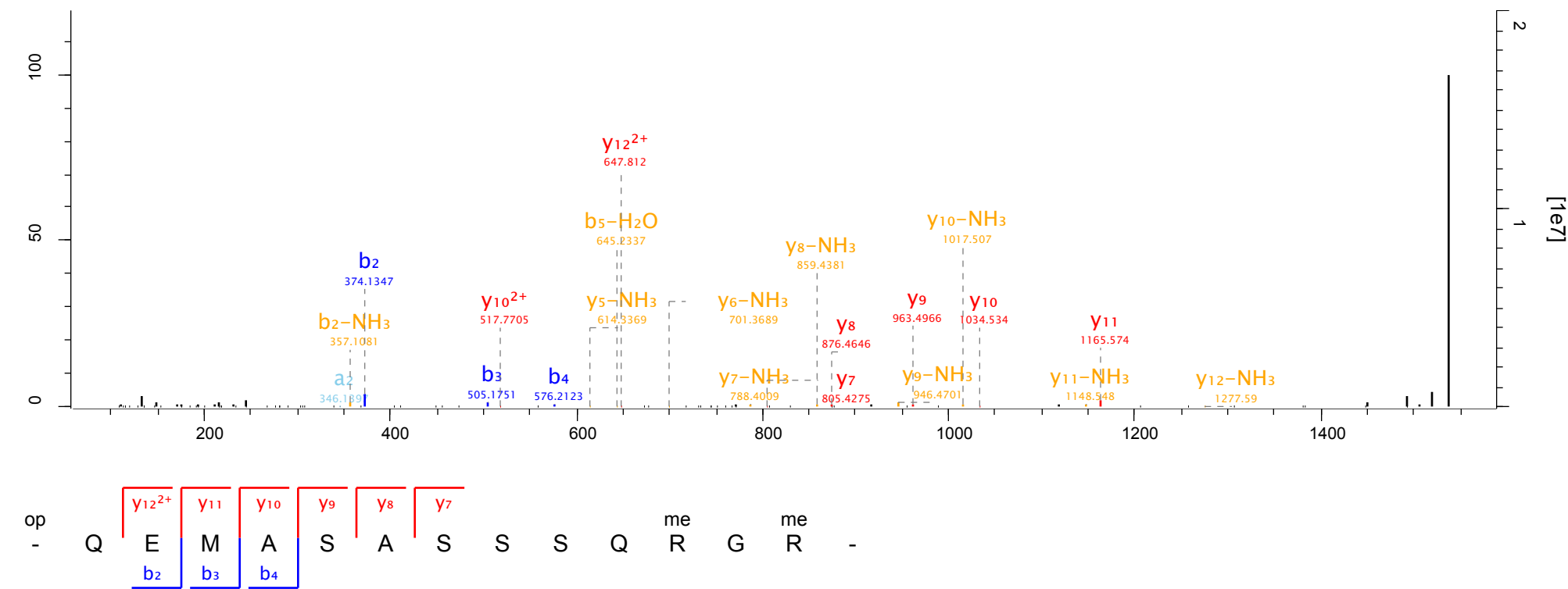
7709

FTMS; HCD

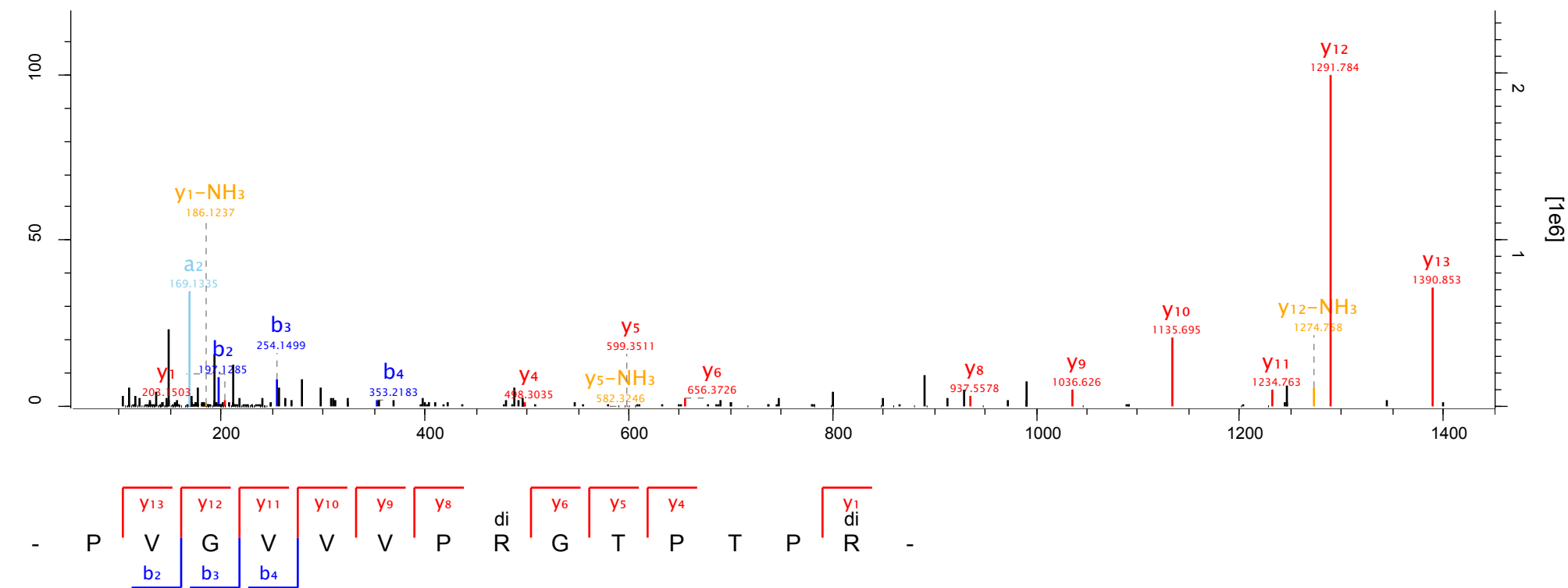
86.77

769.86

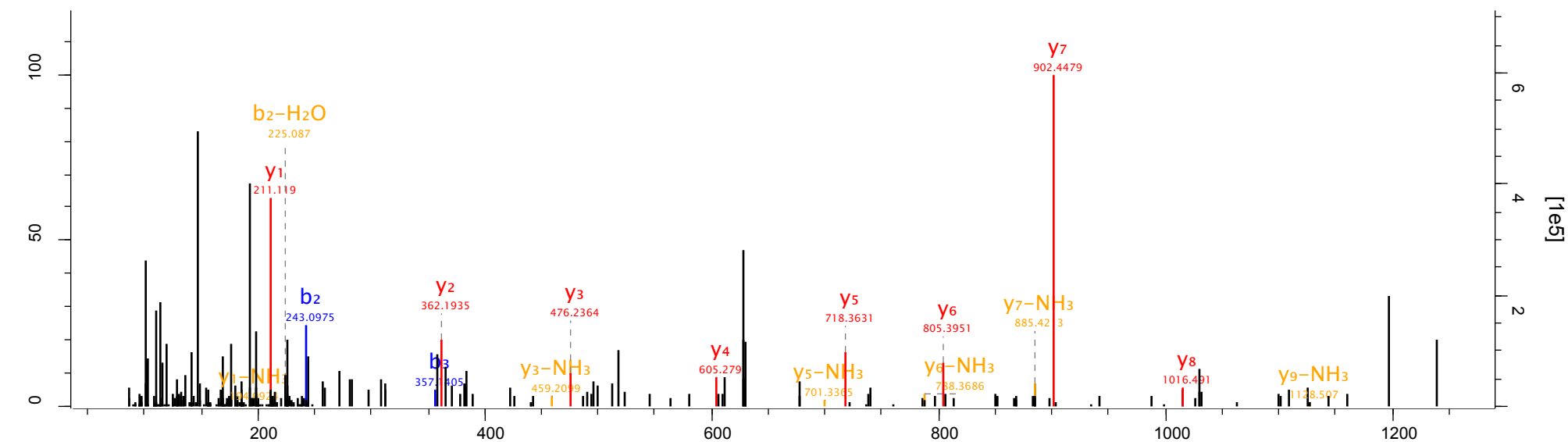
HNRNPA1;HNRNPA1L2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	7917	FTMS; HCD	53.3	496.64	KHDRBS3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	8428	FTMS; HCD	53.57	629.79	KPNA3



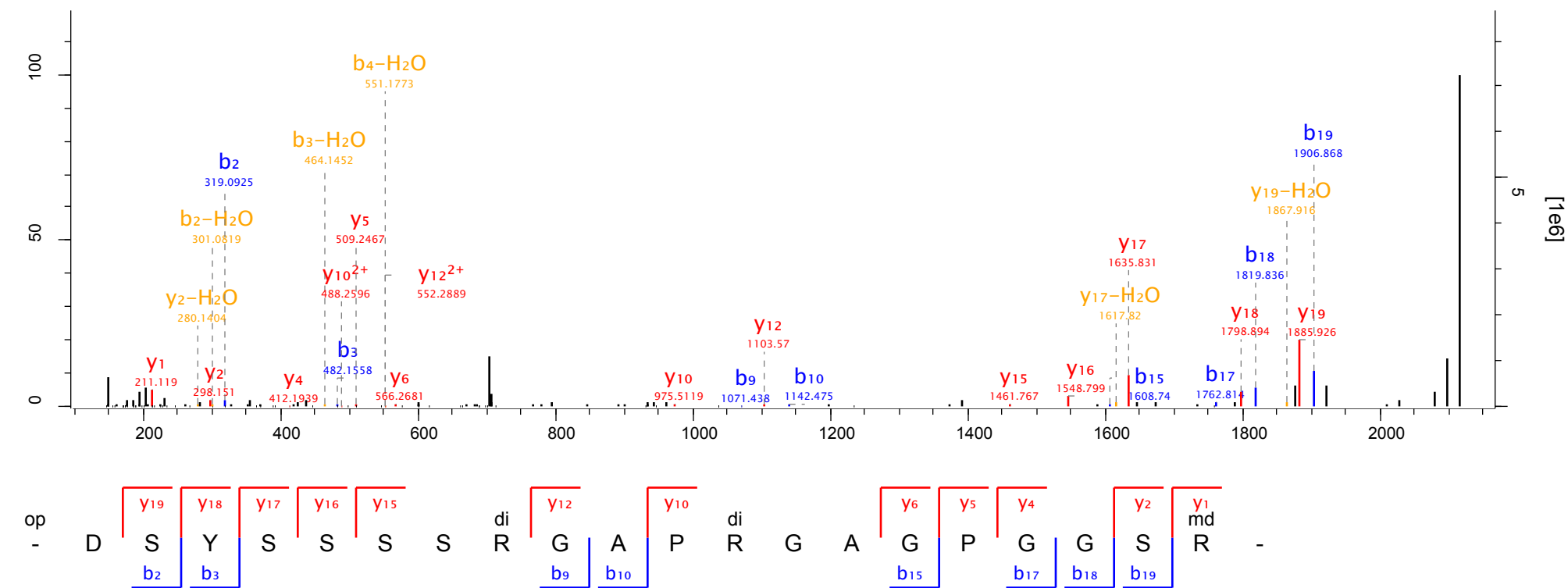
ac
- A E N P S L E N H R -

b₂ b₃

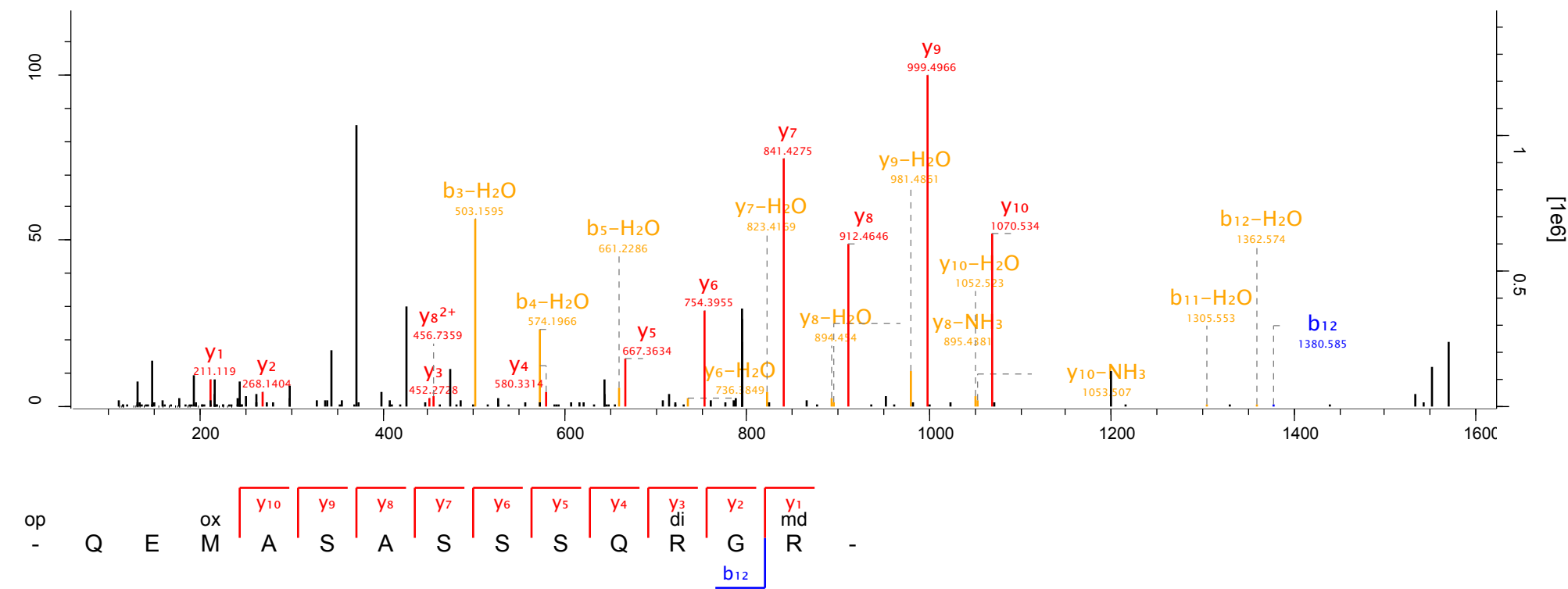
y₈ y₇ y₆ y₅ y₄ y₃ y₂ y₁

me md

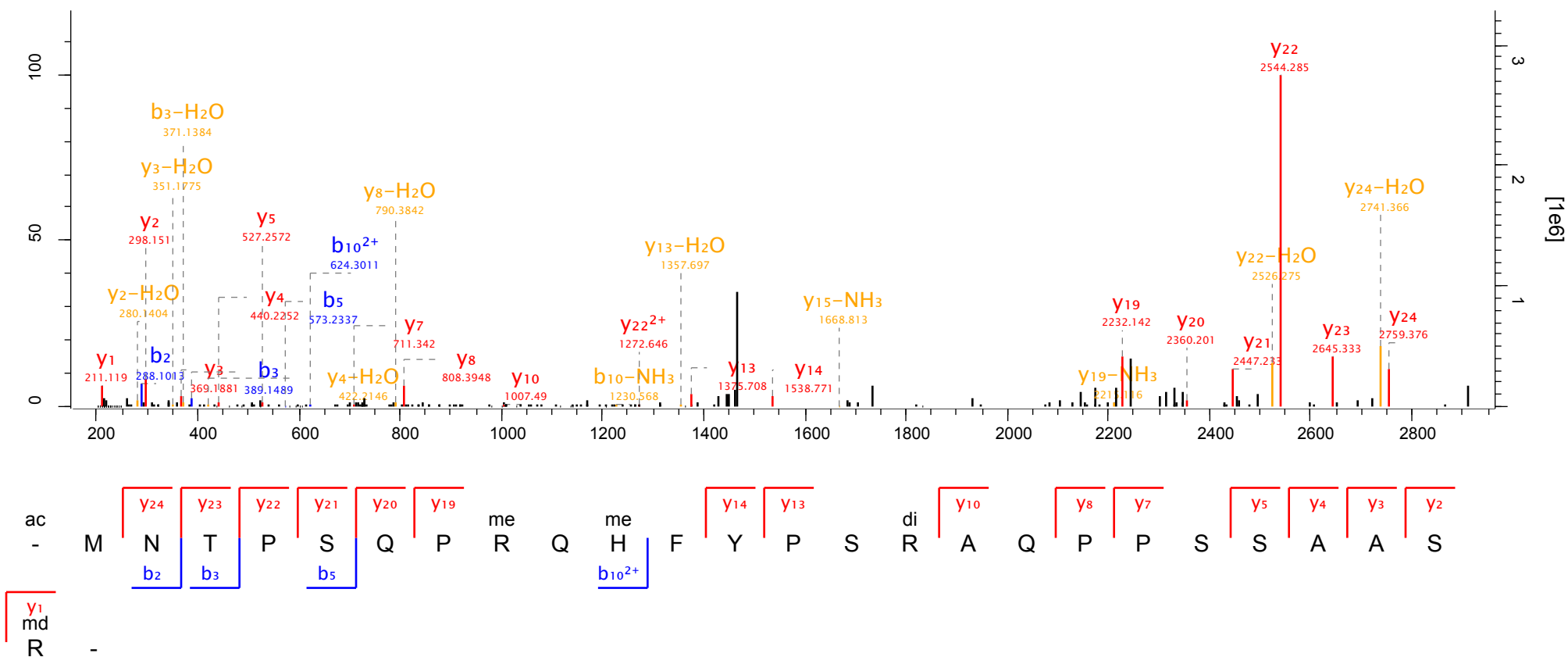
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	8553	FTMS; HCD	88.94	706.33	RBMXL1



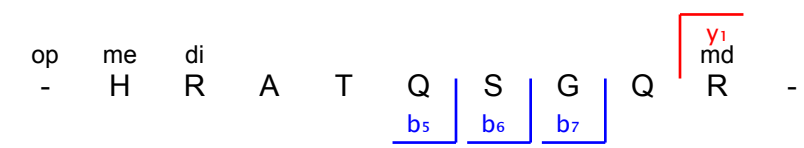
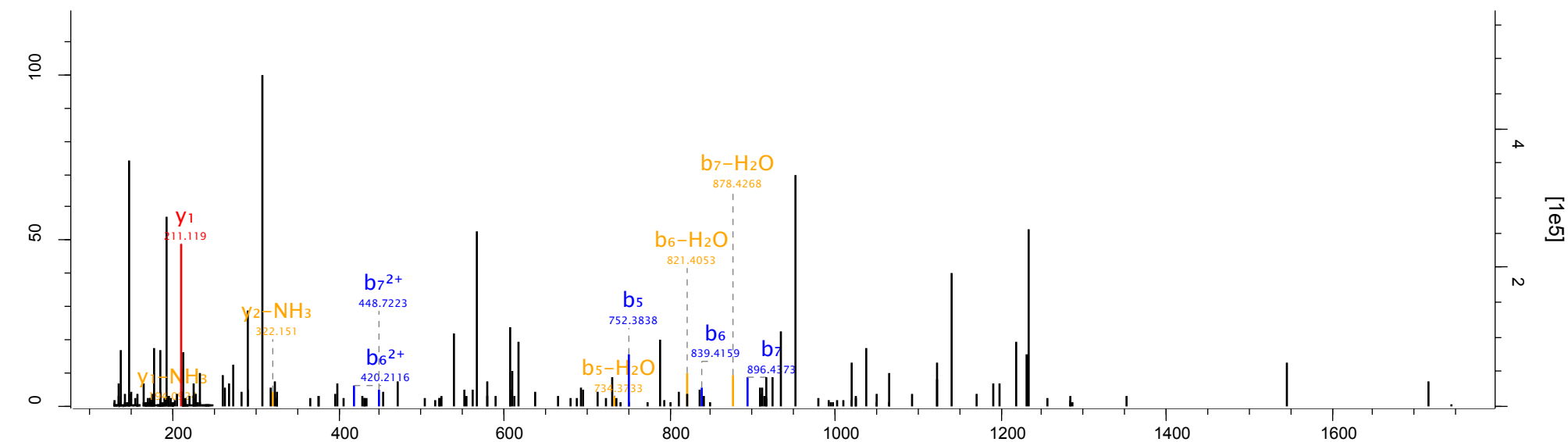
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	8557	FTMS; HCD	98.9	795.85	HNRNPA1;HNRNPA1L2



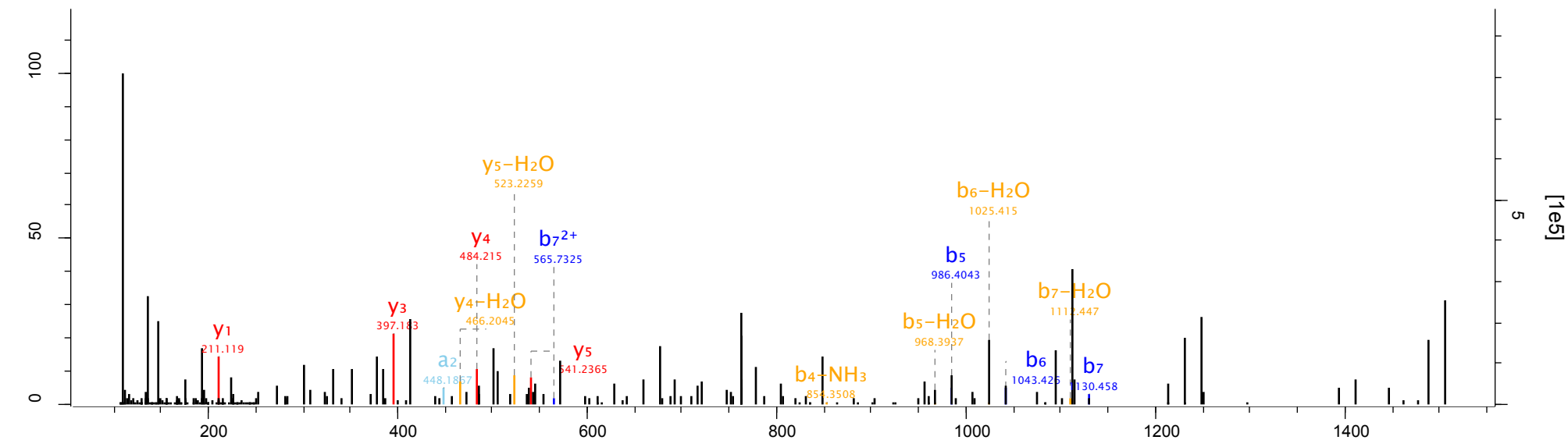
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	8751	FTMS; HCD	72.16	734.11	EIF4G1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	8959	FTMS; HCD	41.88	618.64	SNAPC4



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	9111	FTMS; HCD	48.79	763.82	MYCBP2



op - D op K me op K D G S G E R -

a₂ b₅ b₆ b₇ y₅ y₄ y₃ y₁ md

Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

9277

Method

FTMS; HCD

Score

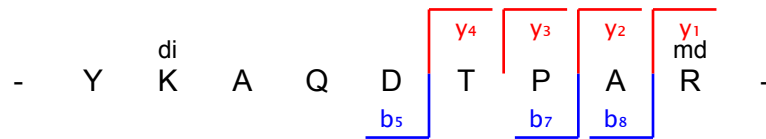
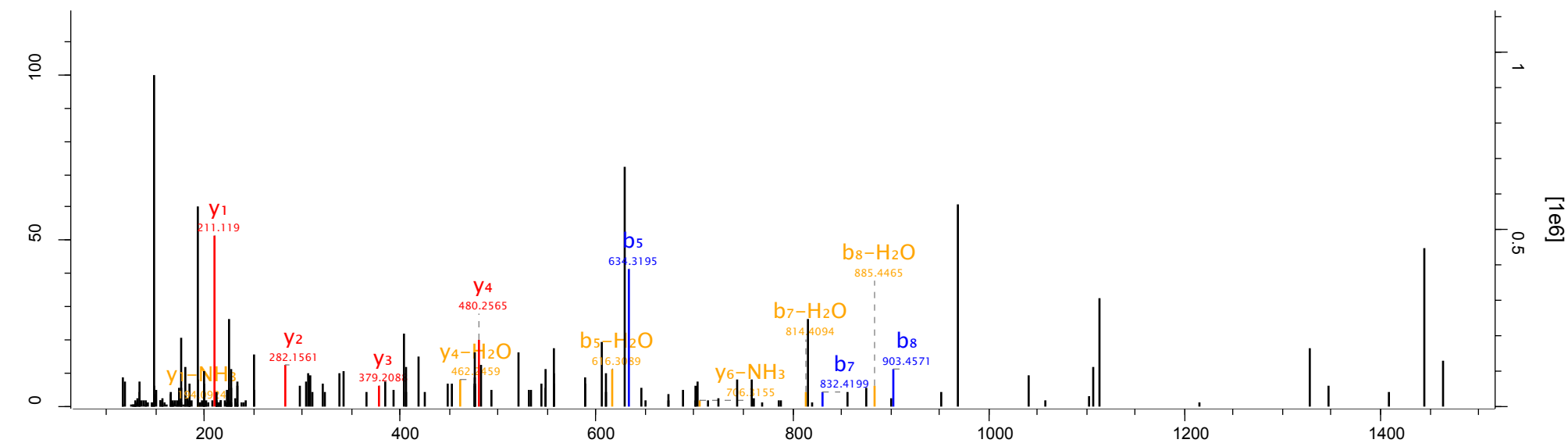
50.47

m/z

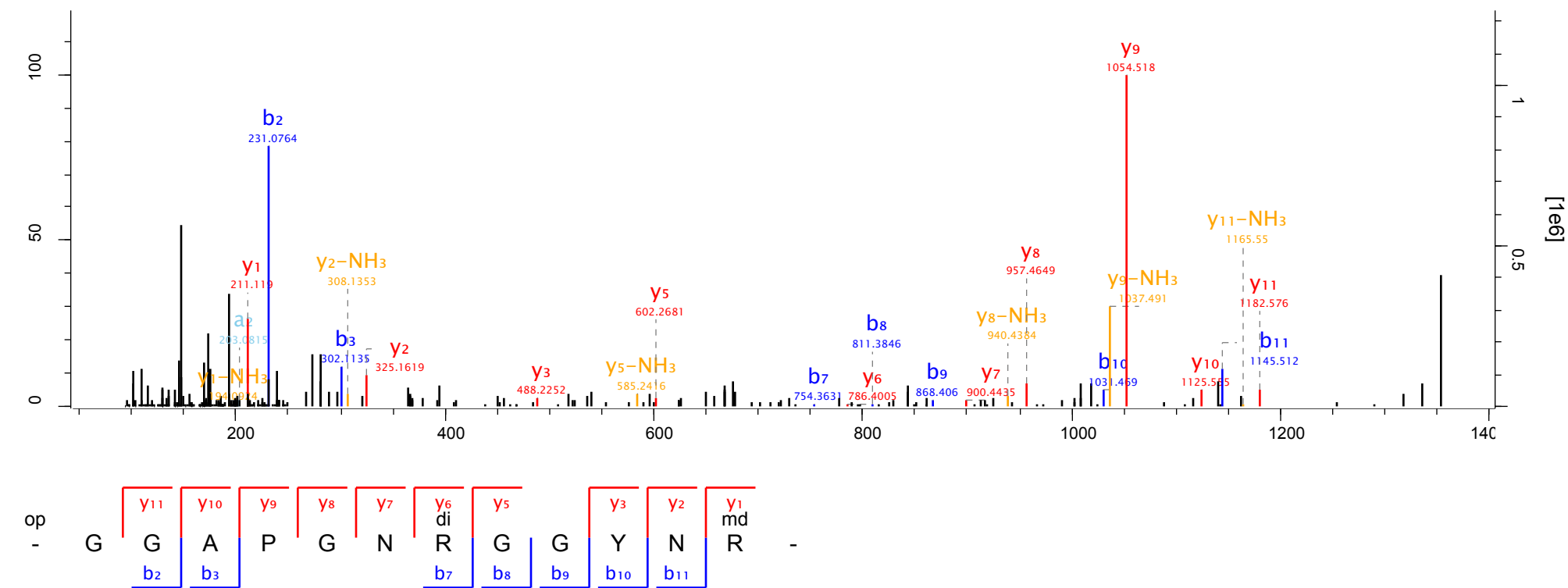
557.92

Gene names

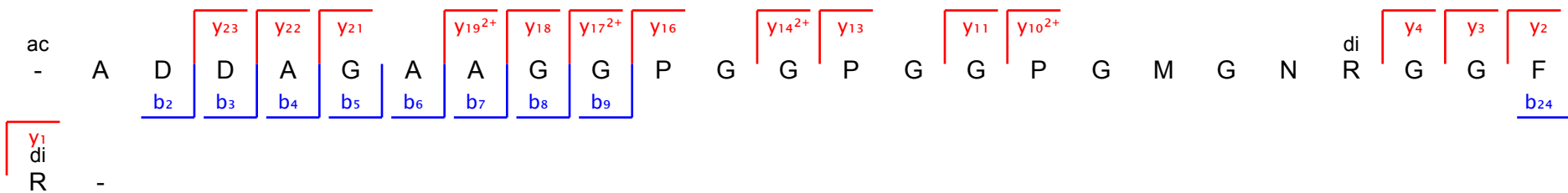
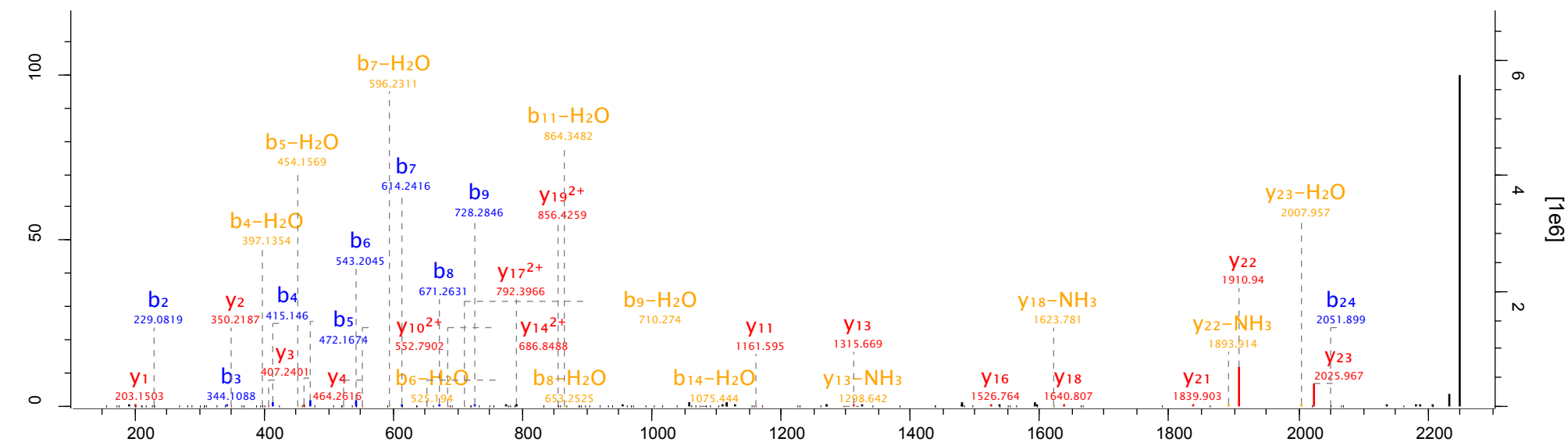
TRRAP



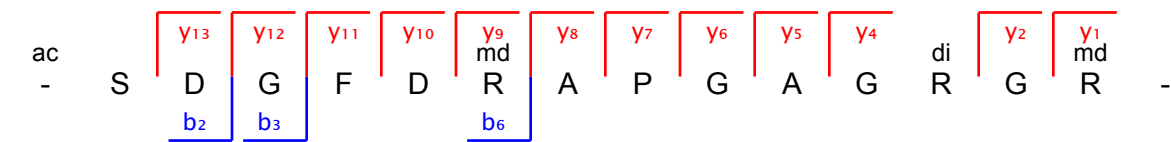
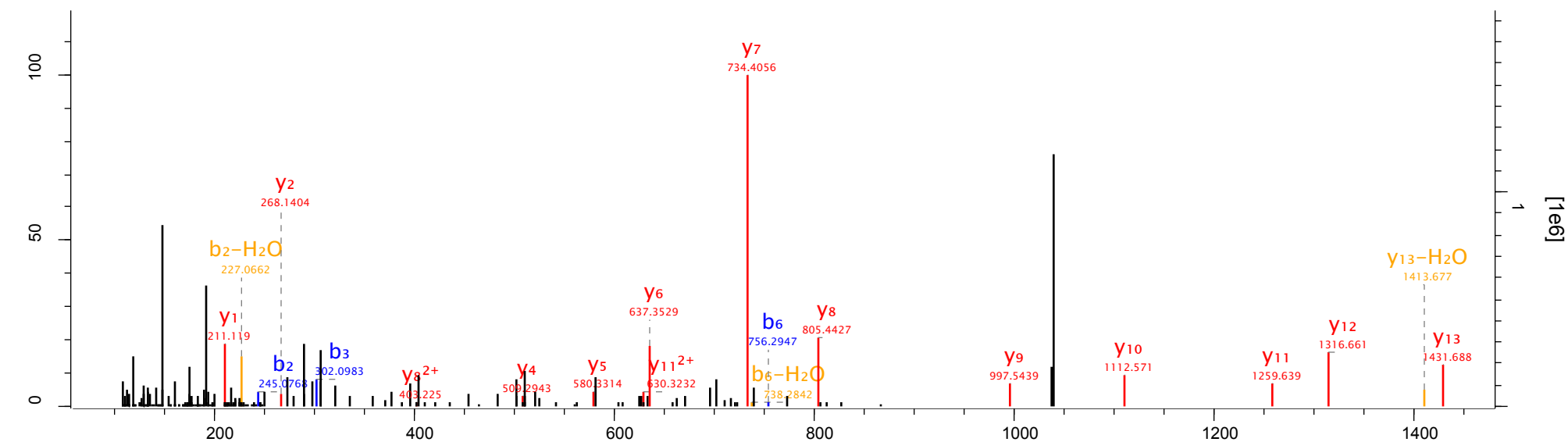
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	9281	FTMS; HCD	89.8	678.32	HNRNPU



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	9374	FTMS; HCD	103.31	1128.03	RPS2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	9392	FTMS; HCD	60.55	520.92	PAIP1



Zhibin_20150902_MDAOPA_SCX_100mM

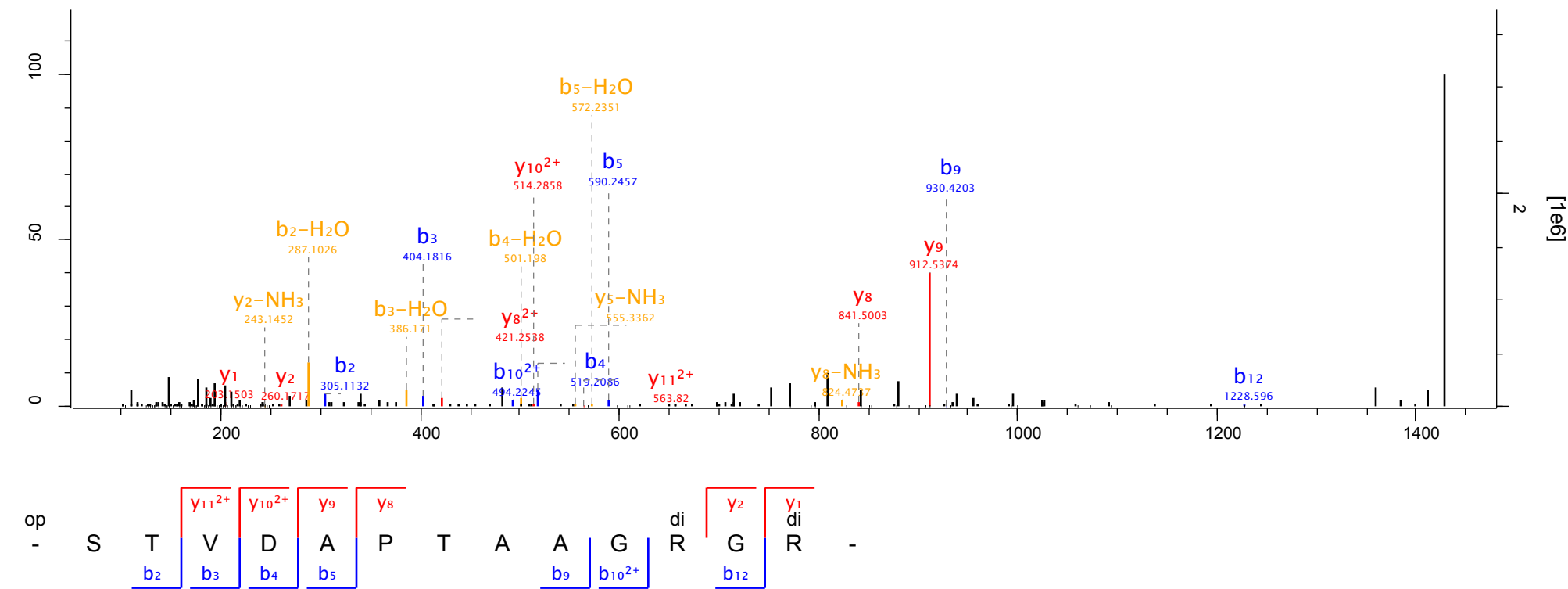
9516

FTMS; HCD

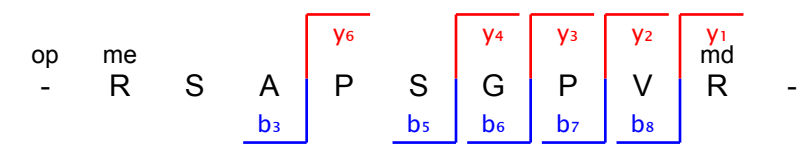
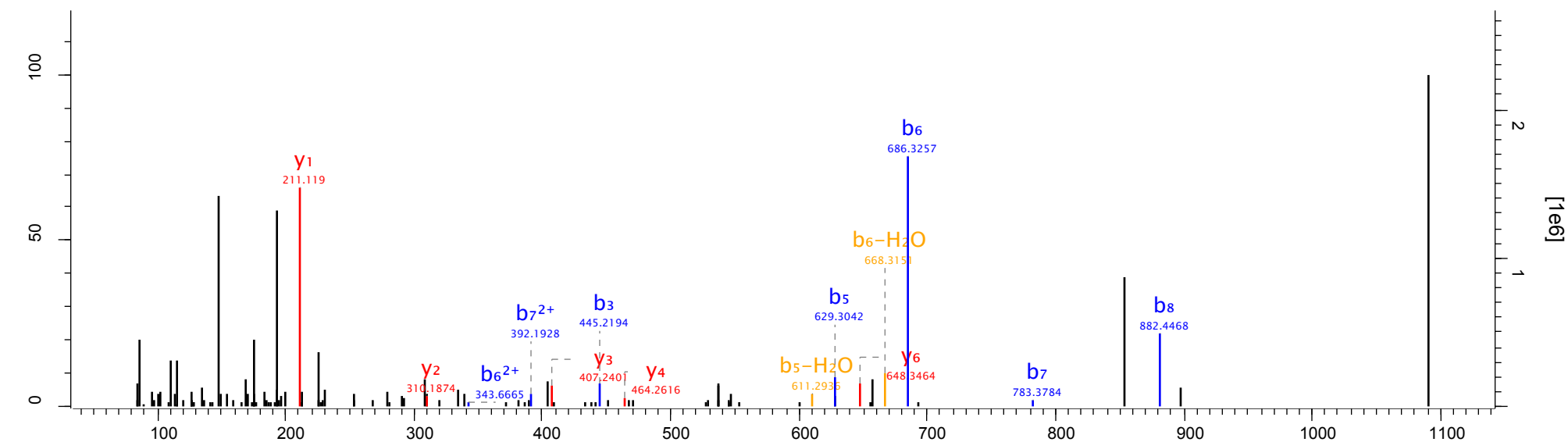
71.18

715.87

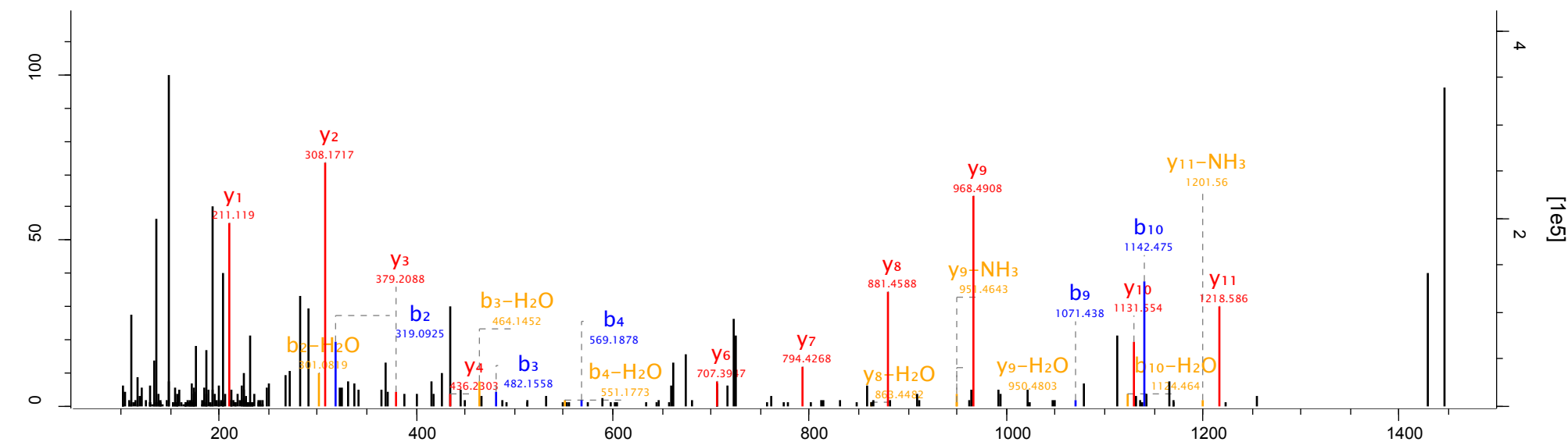
CCT7



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	9659	FTMS; HCD	67.7	546.78	RBMX

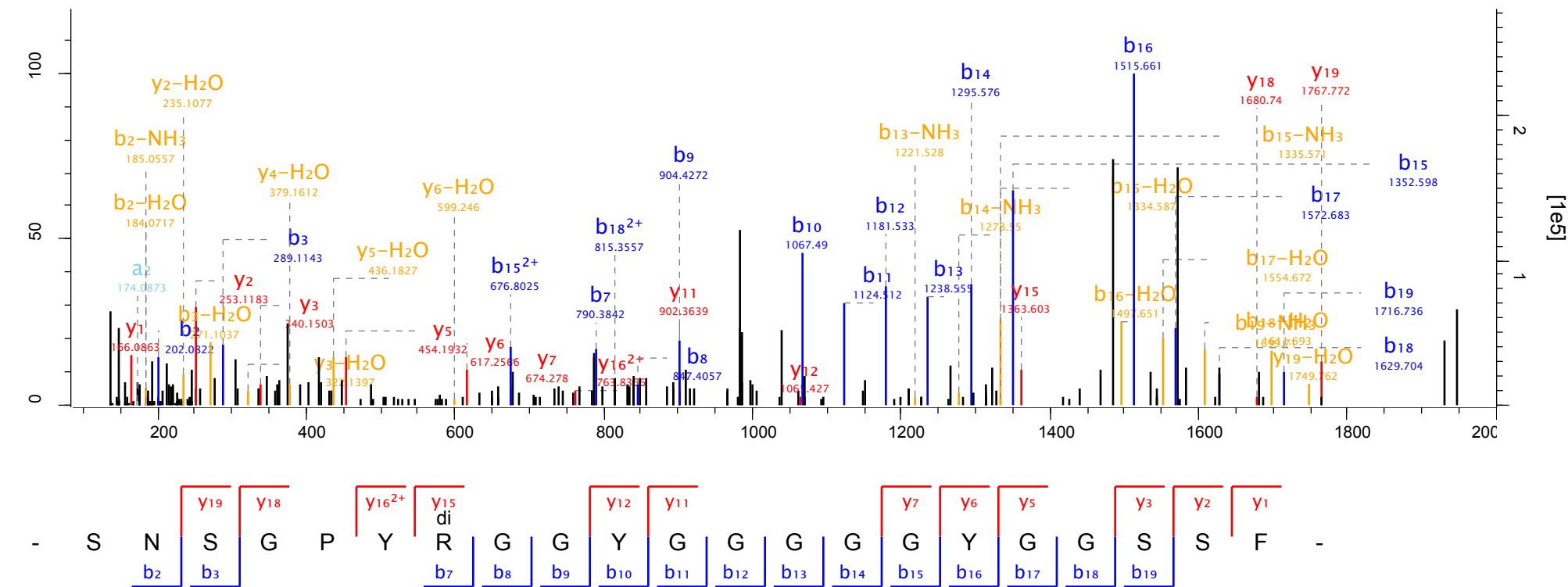


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	9691	FTMS; HCD	88.1	725.32	RBMXL1;RBMX

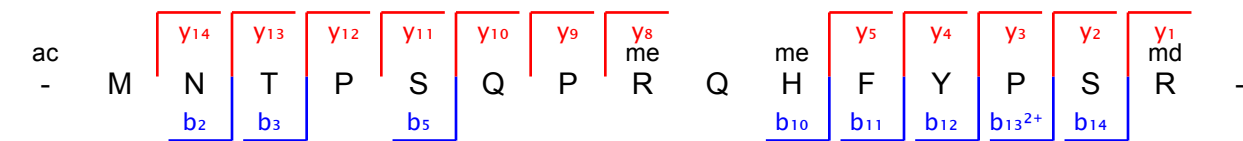
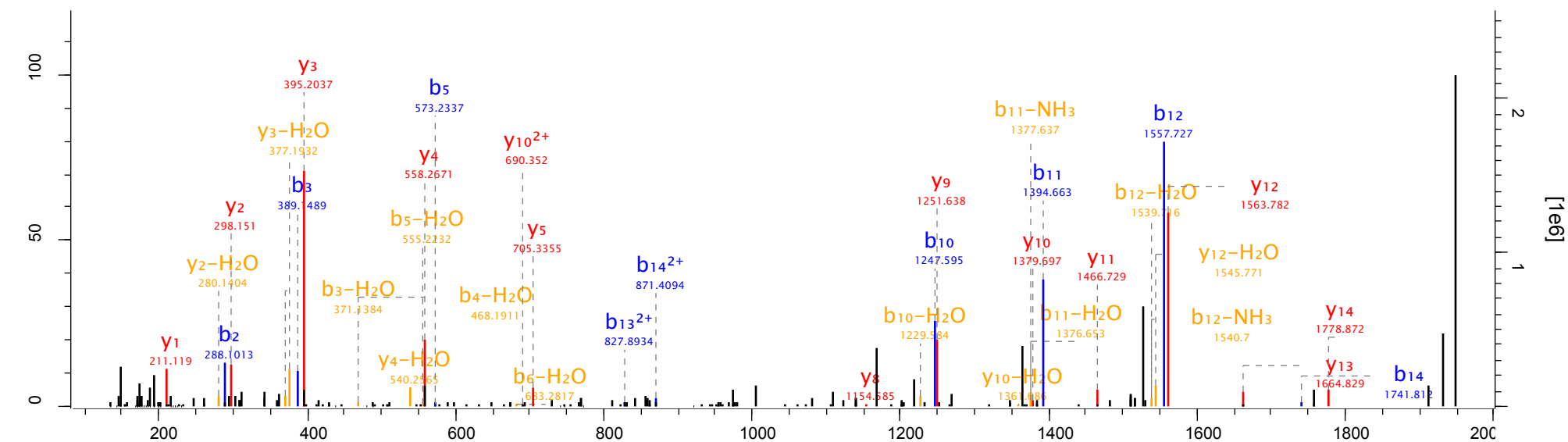


op		y11	y10	y9	y8	y7	y6		y4	y3	y2	y1	
-	D	S	Y	S	S	S	S		G	A	P	md	-
		b2	b3	b4					b9	b10			

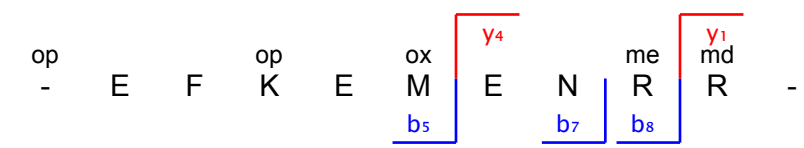
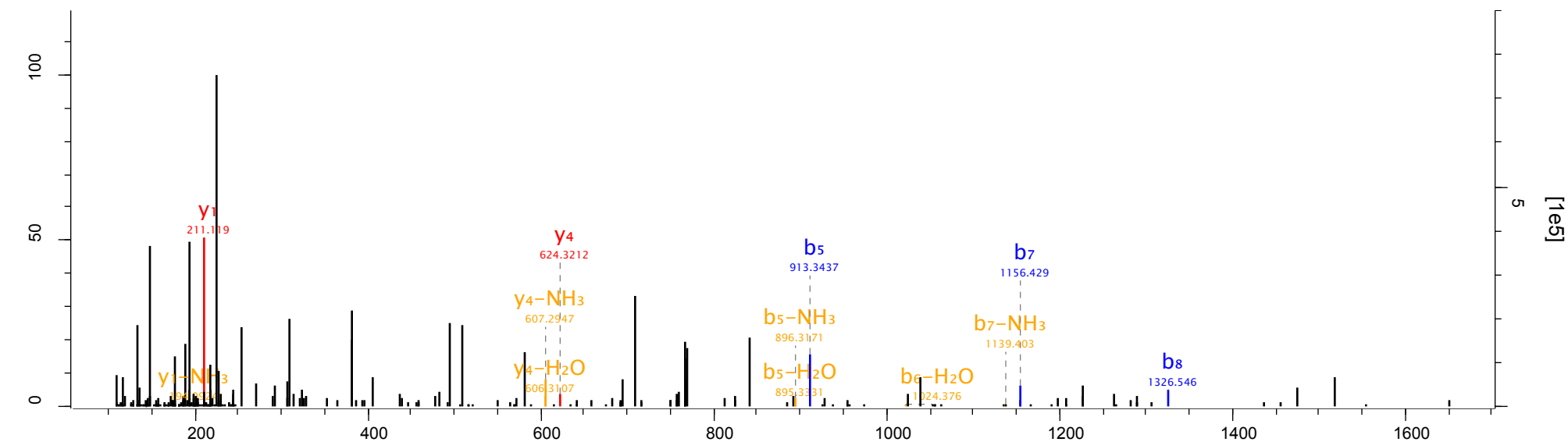
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	9798	FTMS; HCD	132.83	985.43	HNRNPA0



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	9980	FTMS; HCD	128.64	976.47	EIF4G1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	9988	FTMS; HCD	48.42	768.83	PIKFYVE



Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

10082

Method

FTMS; HCD

Score

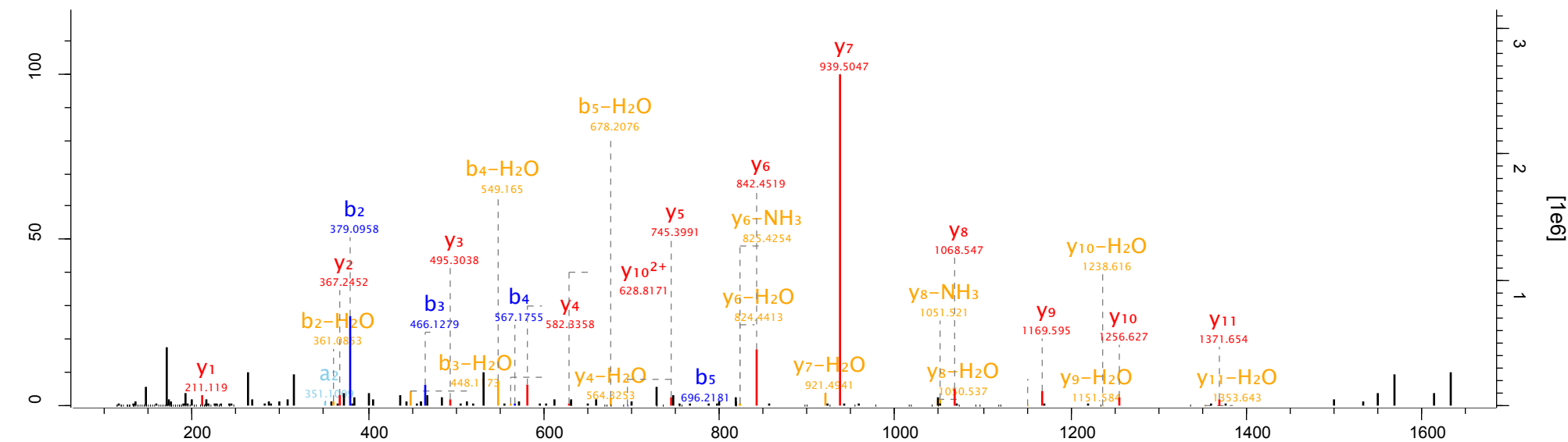
139.29

m/z

818.36

Gene names

EEF1A1;EEF1A1P5



[1e6]

3

2

1

op

ox

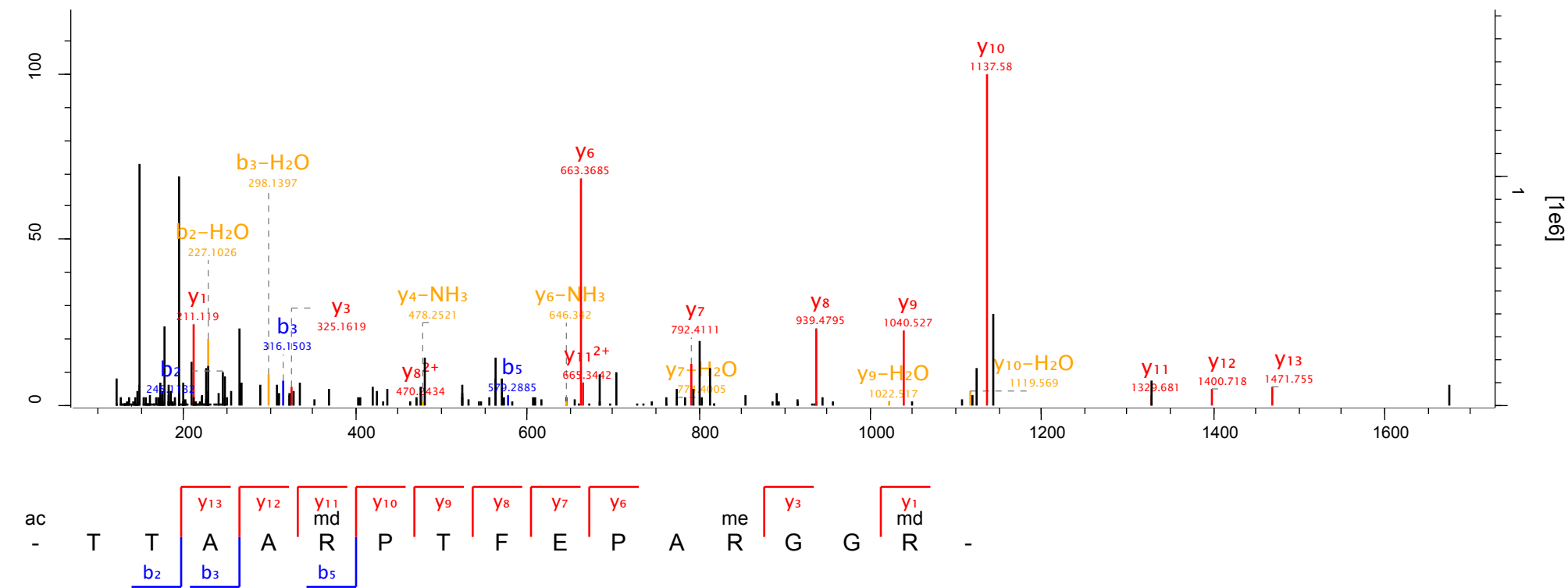
M

y11	y10	y9	y8	y7	y6	y5	y4	y3	y2	y1
D	S	T	E	P	P	Y	S	Q	di	md
b2	b3	b4	b5							

Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan	Method	Score	m/z	Gene names
10601	FTMS; HCD	67.85	572.96	CWC15



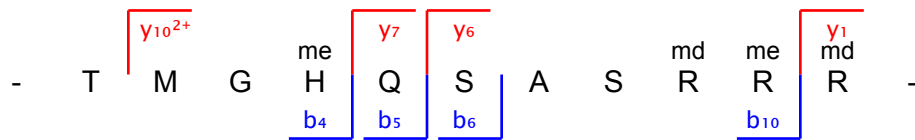
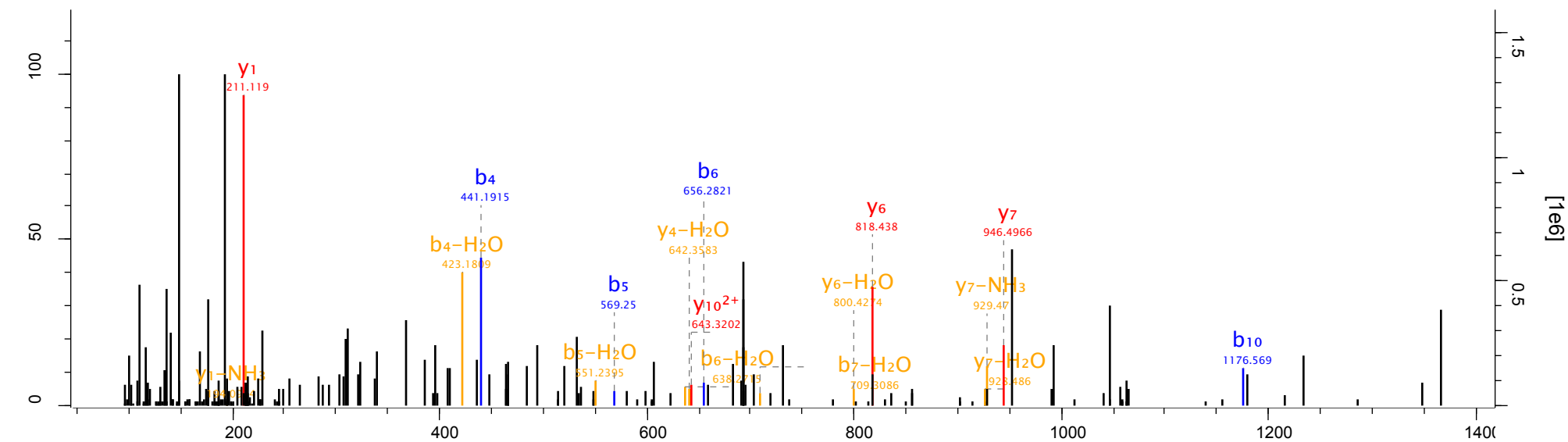
Zhibin_20150902_MDAOPA_SCX_100mM

10833

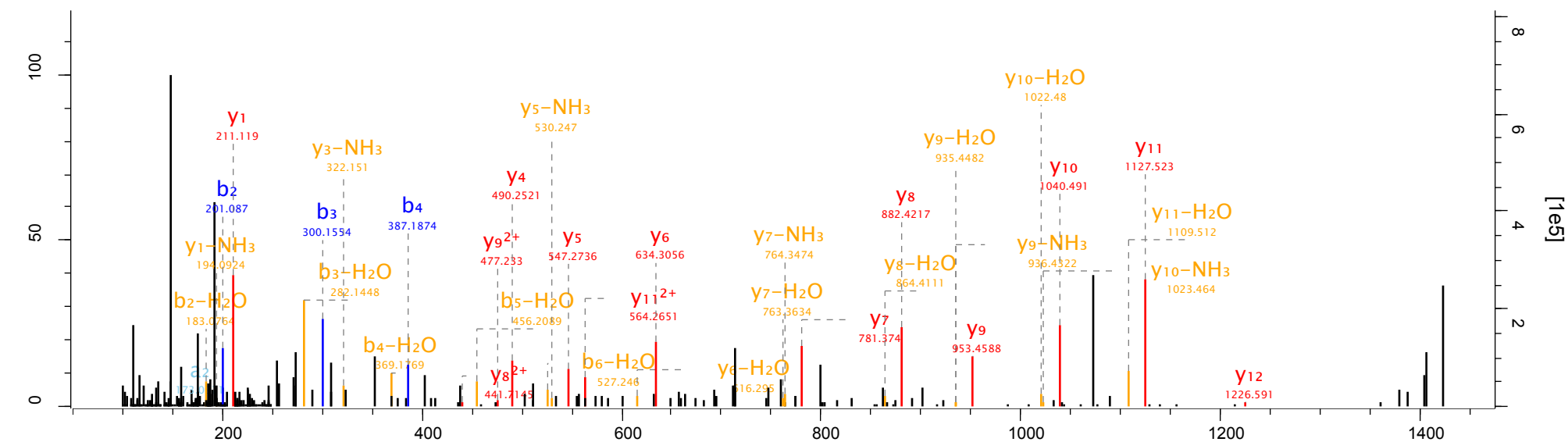
FTMS; HCD

45.65

693.84



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	11087	FTMS; HCD	119.52	713.84	HDHC2



ac
- A S V S S A T F S G H G A R -

b₂ b₃ b₄

y₁₂ y₁₁ y₁₀ y₉ y₈ y₇ y₆ y₅ y₄ me y₁ md

Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

11100

Method

FTMS; HCD

Score

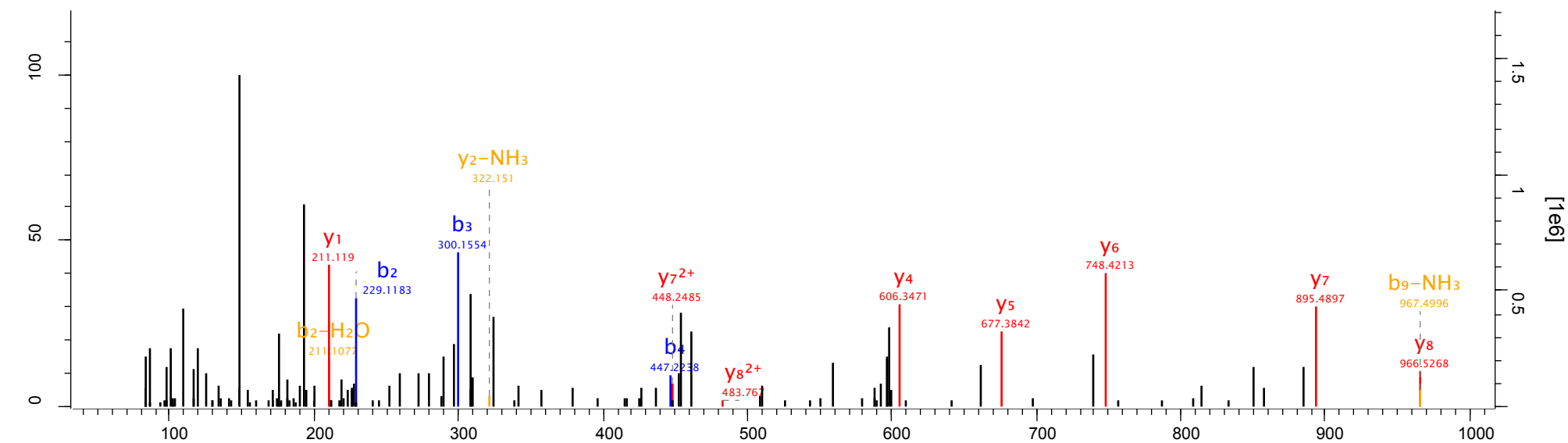
61.78

m/z

597.82

Gene names

CD63;SS18

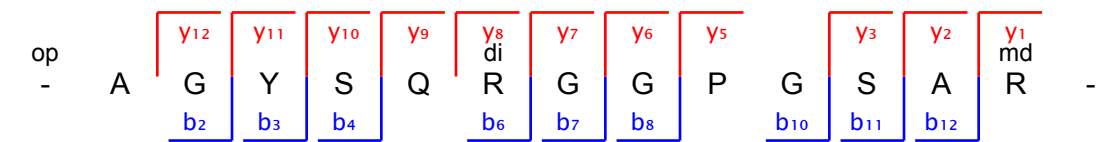
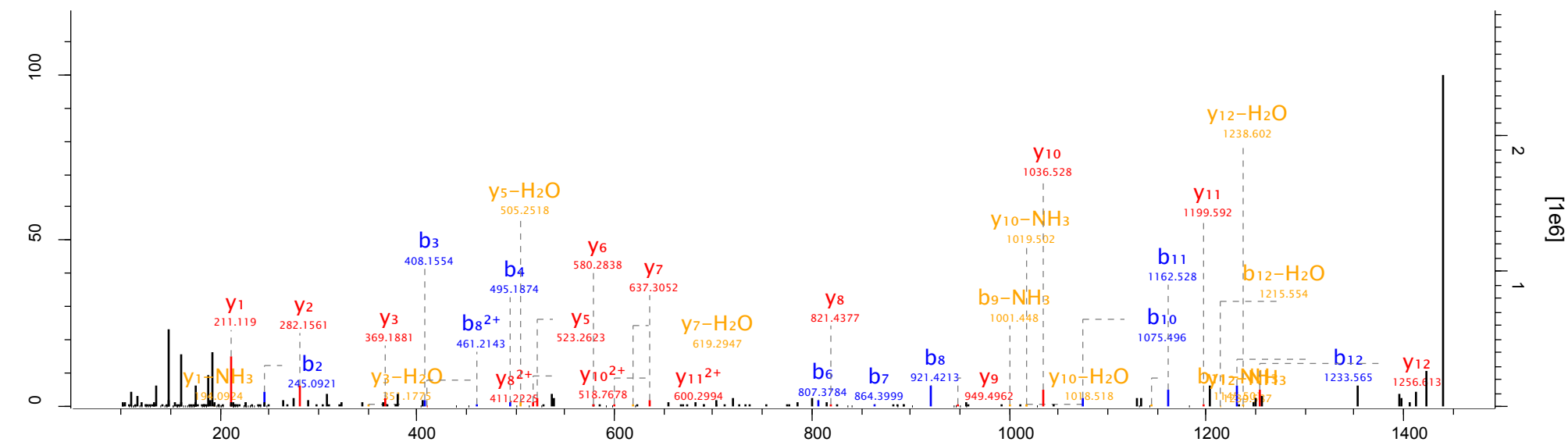


ac

- S V A F A A P me Q R -

b2 b3 b4 y8 y7 y6 y5 y4 y1 md

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	11115	FTMS; HCD	115.66	722.34	SYNCRIP



Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

11363

Method

FTMS; HCD

Score

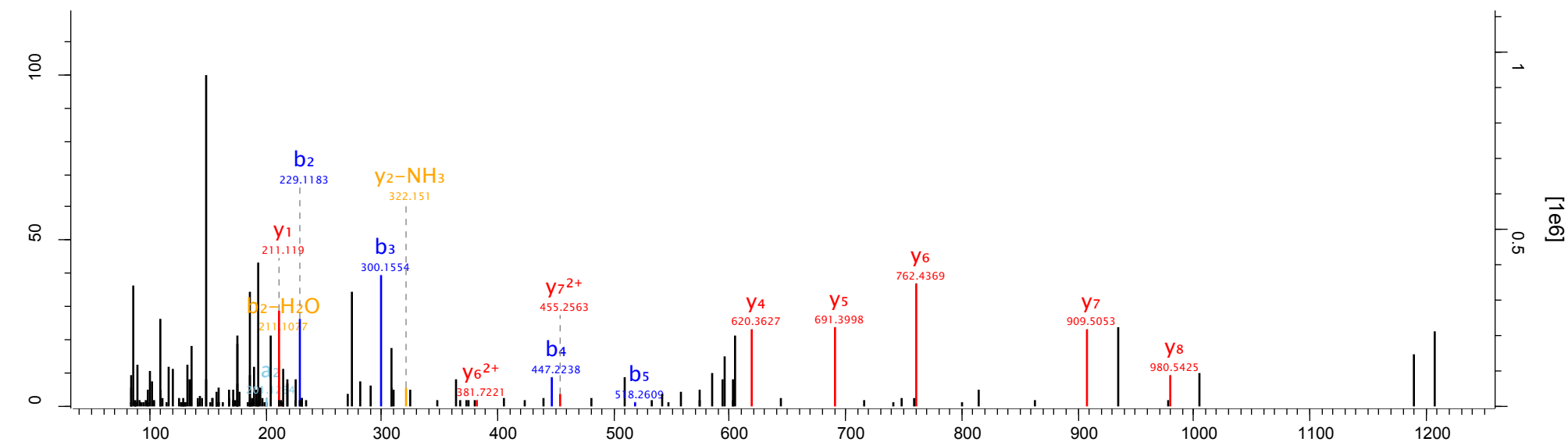
51.28

m/z

604.83

Gene names

CD63;SS18

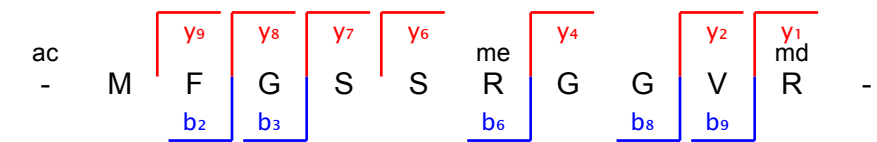
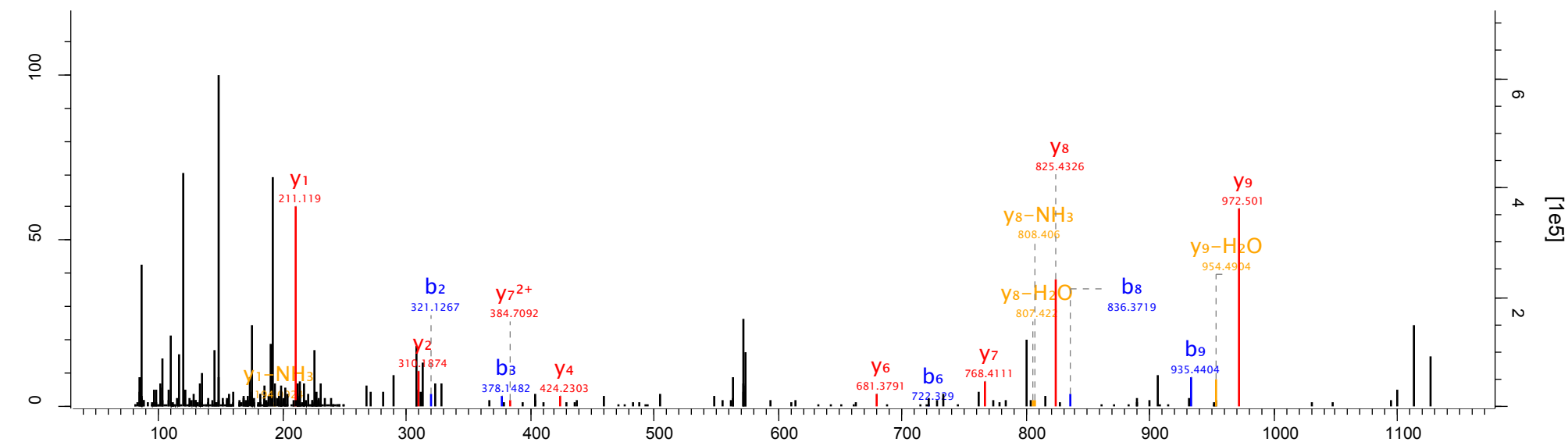


ac

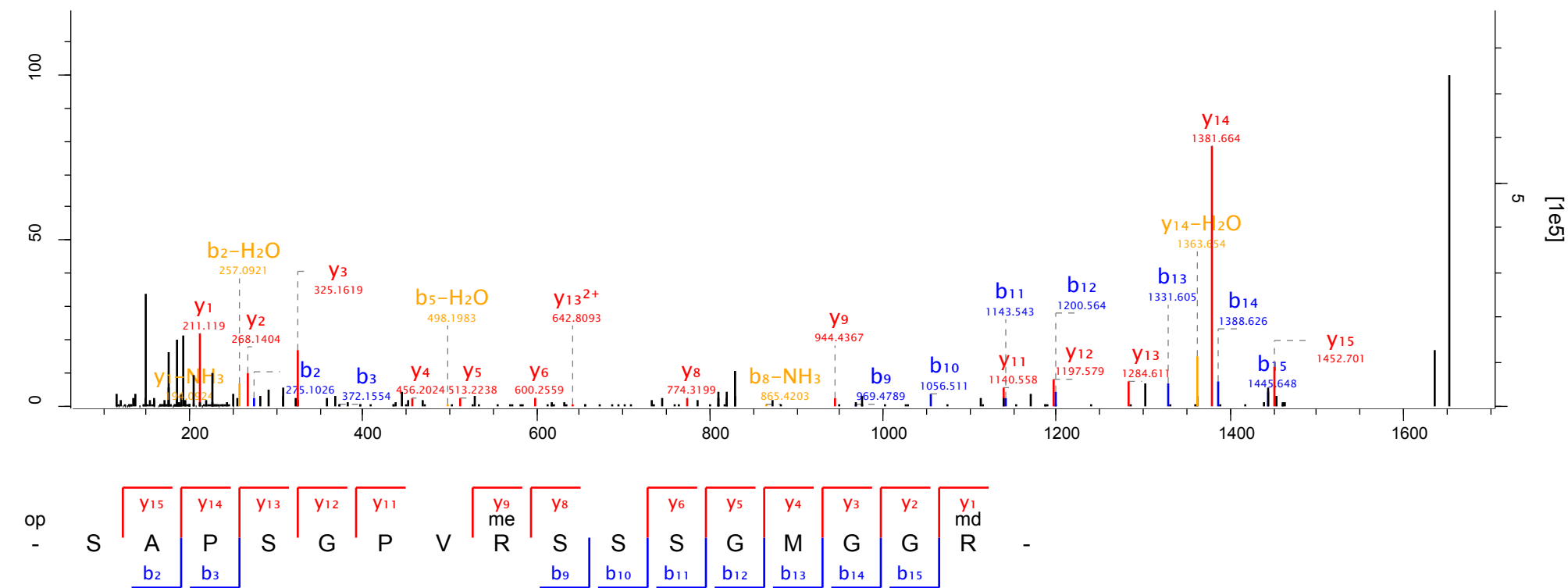
- S V A F A A P di R Q R -

b₂ b₃ b₄ b₅ y₈ y₇ y₆ y₅ y₄ y₁ md

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	11667	FTMS; HCD	52.25	573.28	MMTAG2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	11693	FTMS; HCD	105.9	828.89	RBMX



Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

11831

Method

FTMS; HCD

Score

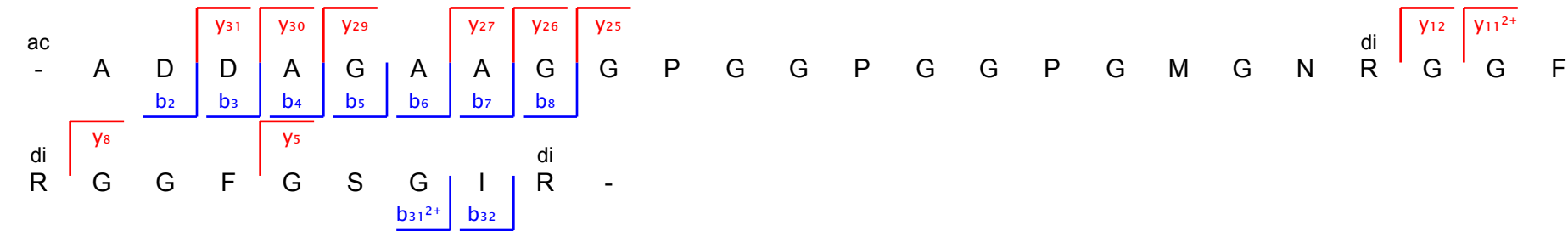
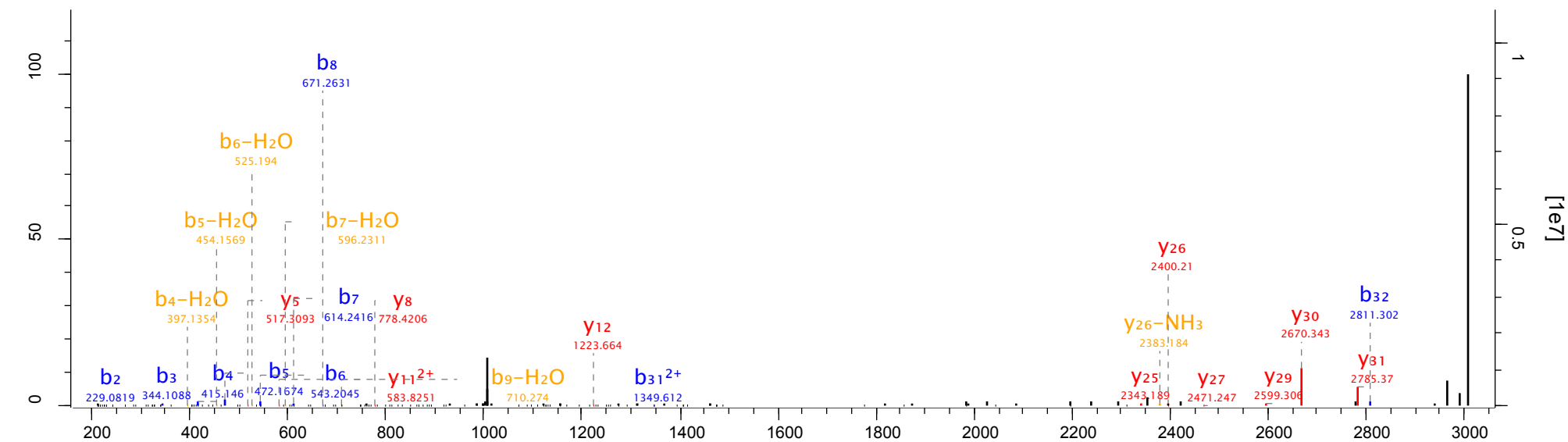
41.17

m/z

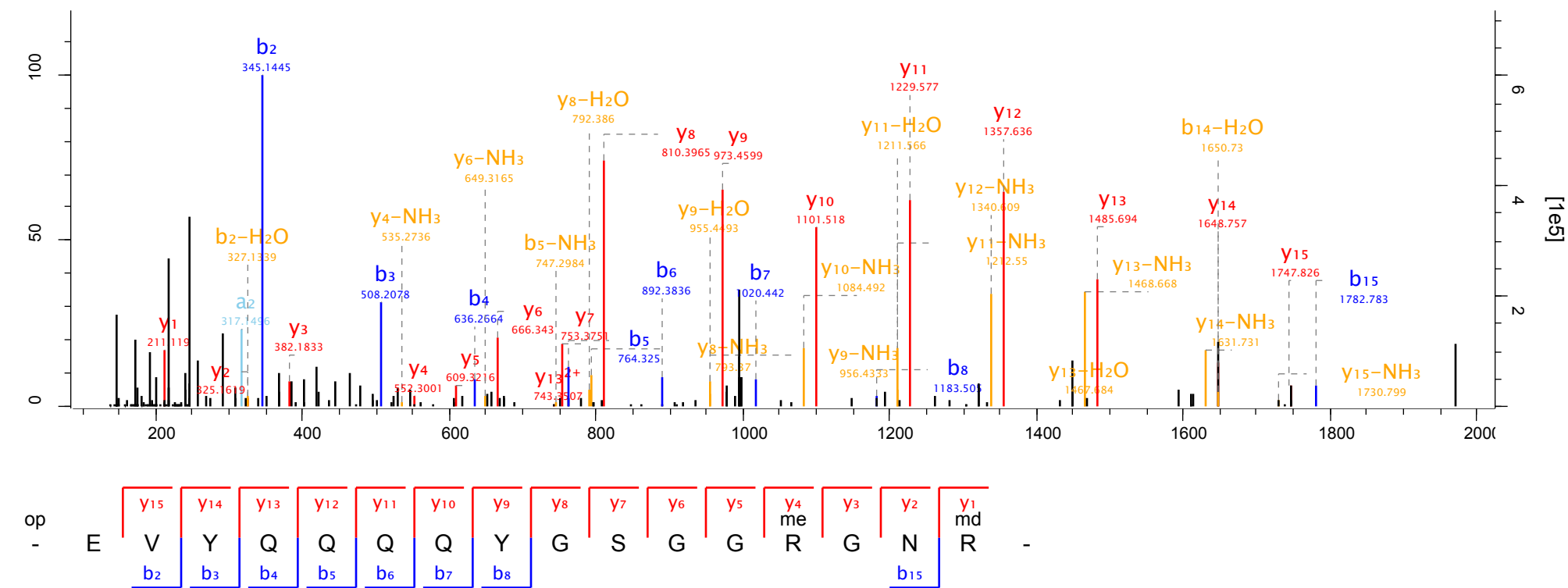
1005.49

Gene names

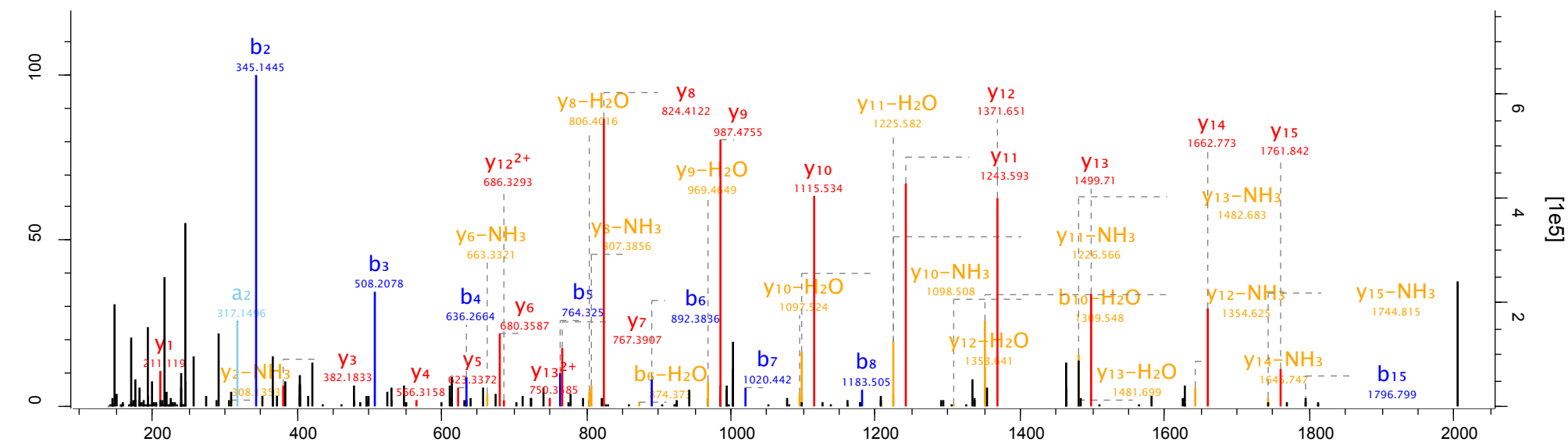
RPS2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	12705	FTMS; HCD	183.7	997.45	HNRNPAB



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	12869	FTMS; HCD	187	1004.46	HNRNPAB



op - E V Y Q Q Q Q Y G S G G di R G N R -

b2 b3 b4 b5 b6 b7 b8 b15

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

Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_100mM

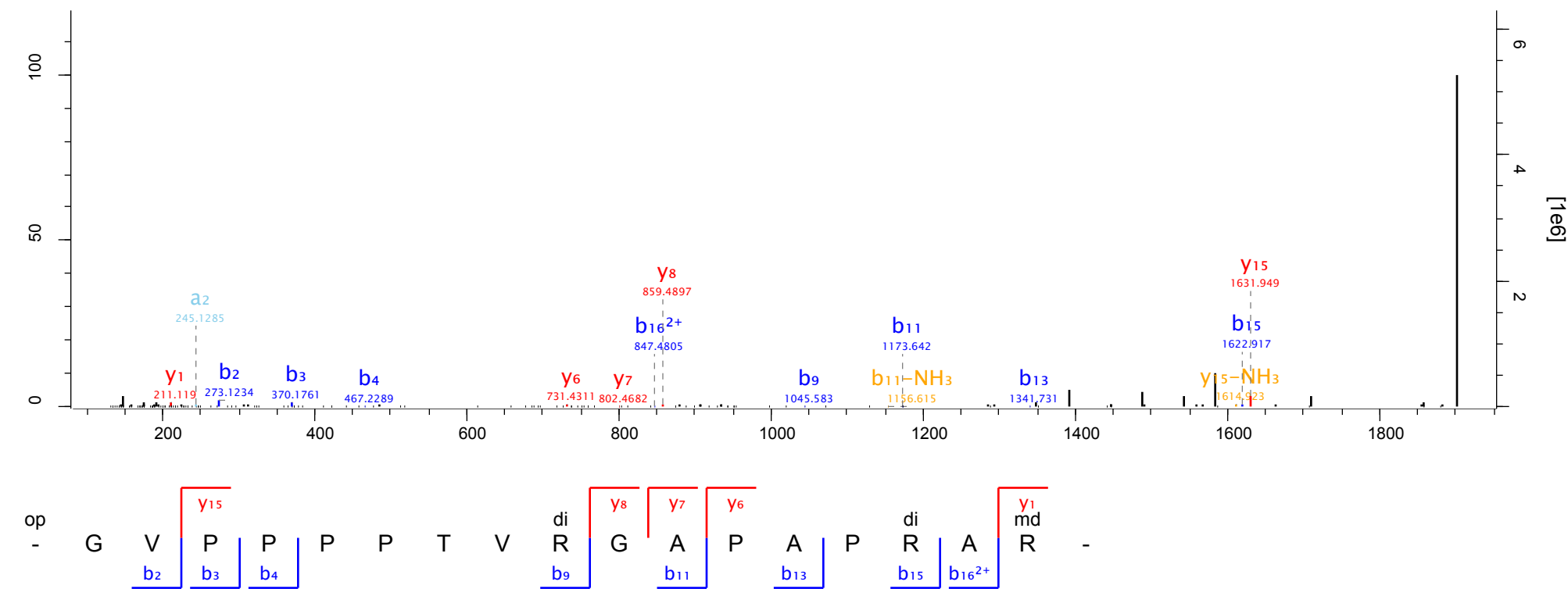
13024

FTMS; HCD

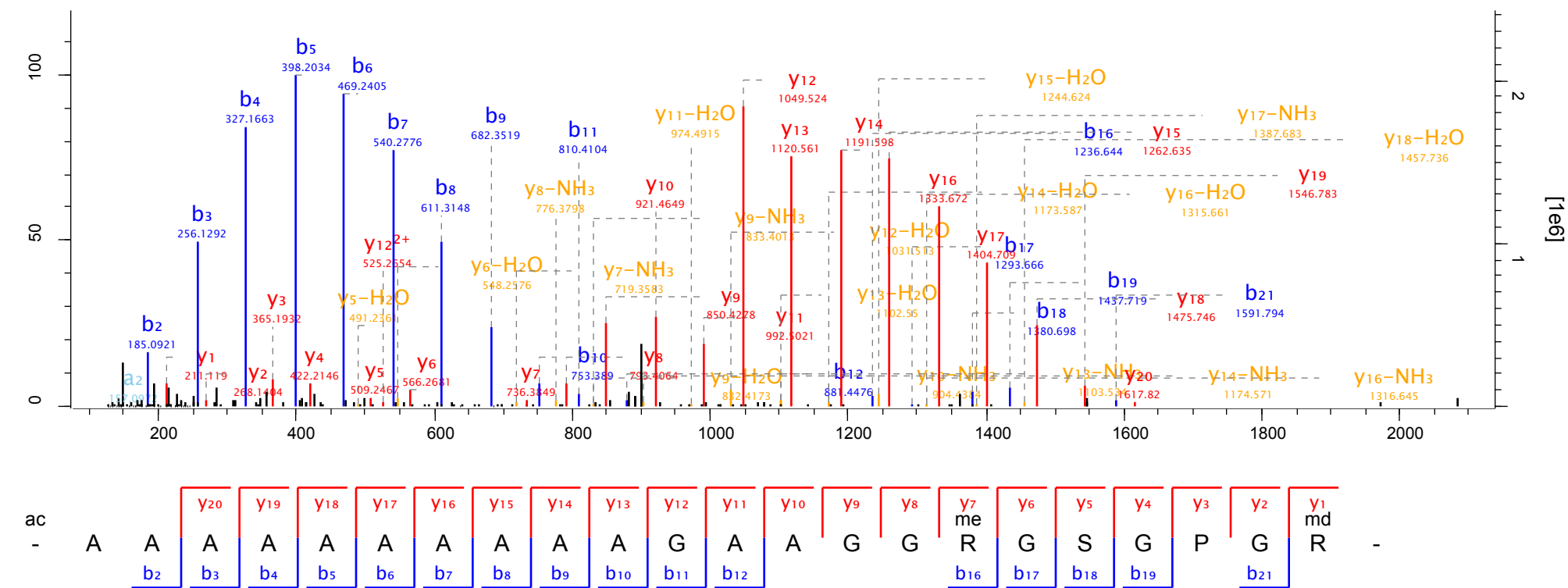
59.67

953.04

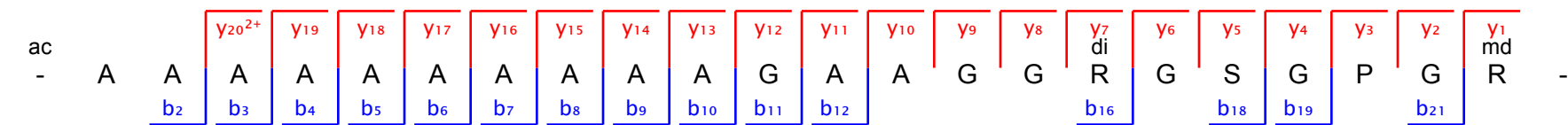
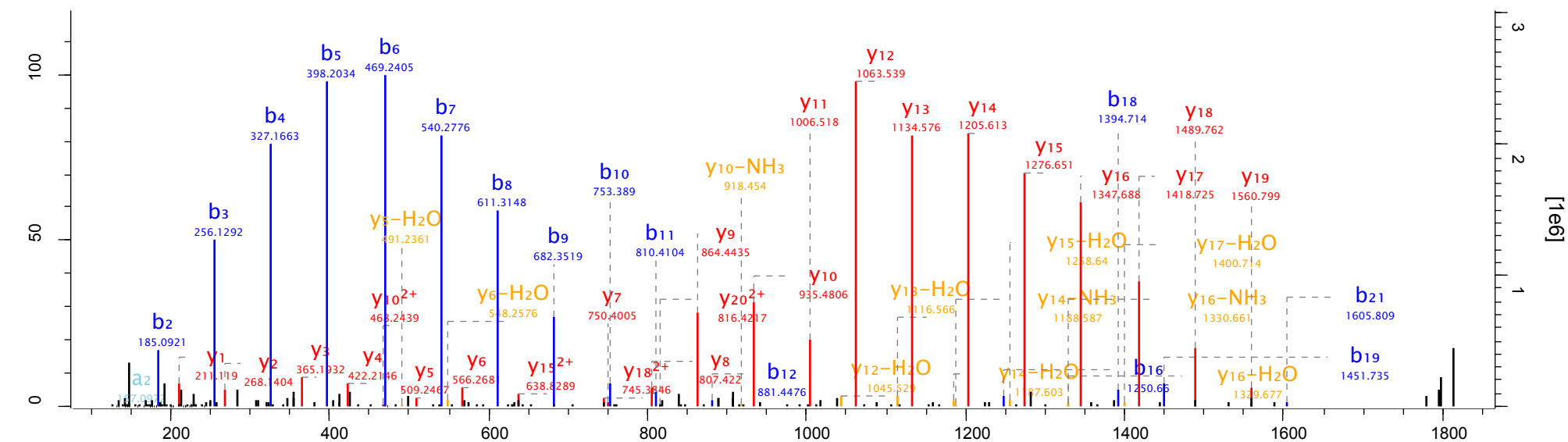
KHDRBS1



Raw file
 Zhibin_20150902_MDAOPA_SCX_100mM
 Scan 13099 Method FTMS; HCD Score 240.46 m/z 901.96 Gene names PABPN1

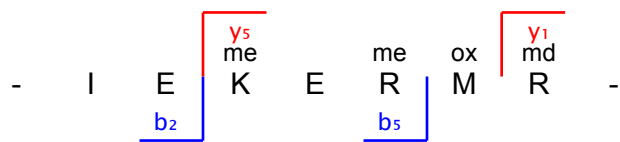
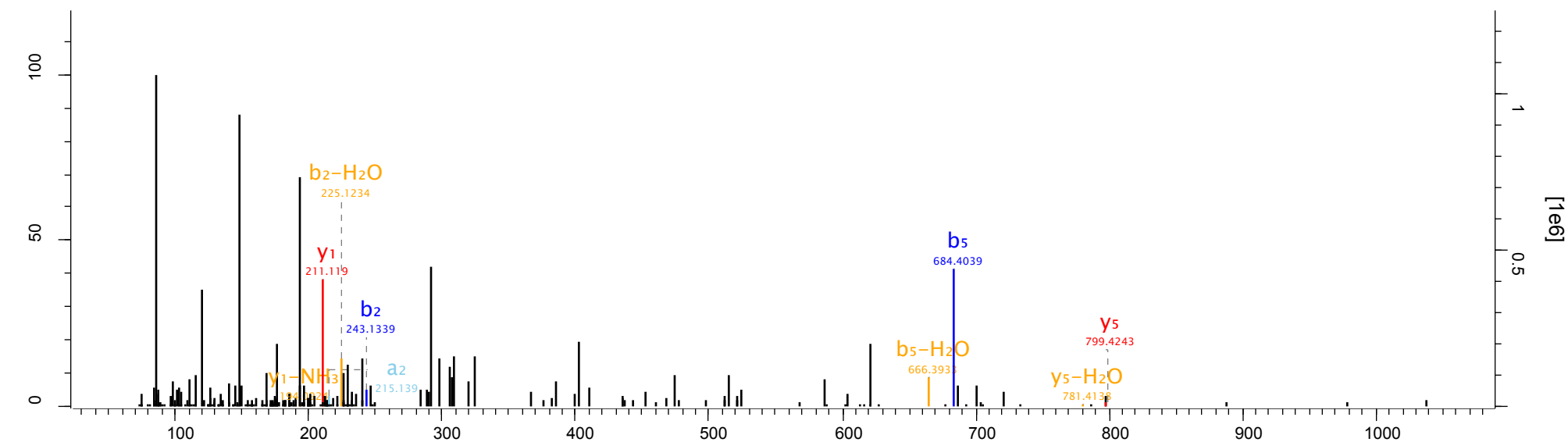


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	13342	FTMS; HCD	227.95	908.46	PABPN1

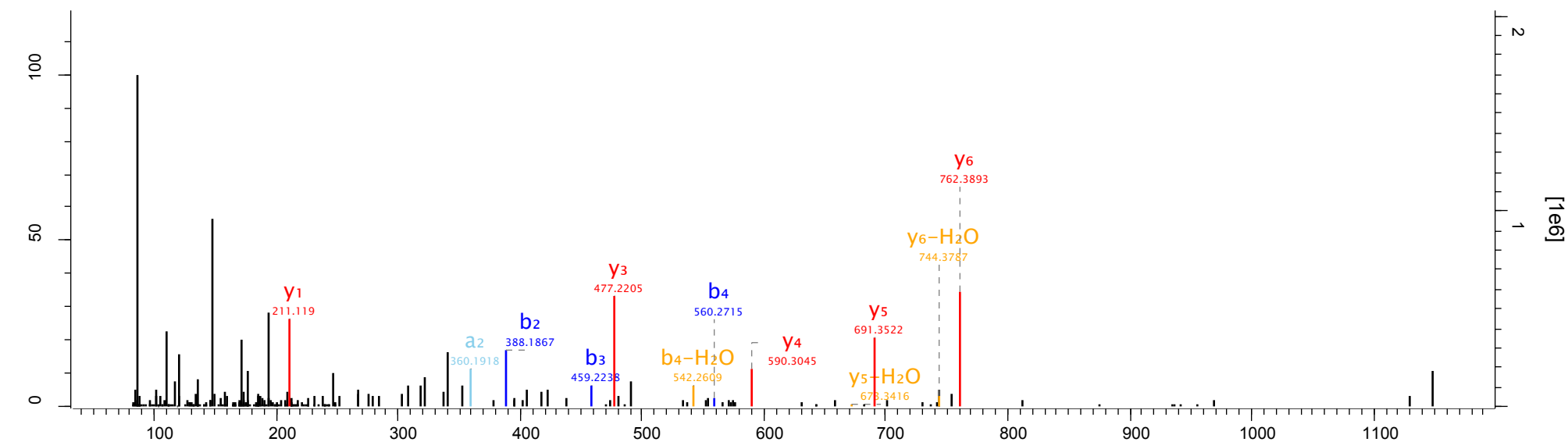


Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan
13403Method
FTMS; HCDScore
40.1m/z
521.28Gene names
SMARCA4;SMARCA2

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	13434	FTMS; HCD	71.45	575.29	L3MBTL4



op me E A T L H D R -

 b₂ b₃ b₄

Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

13830

Method

FTMS; HCD

Score

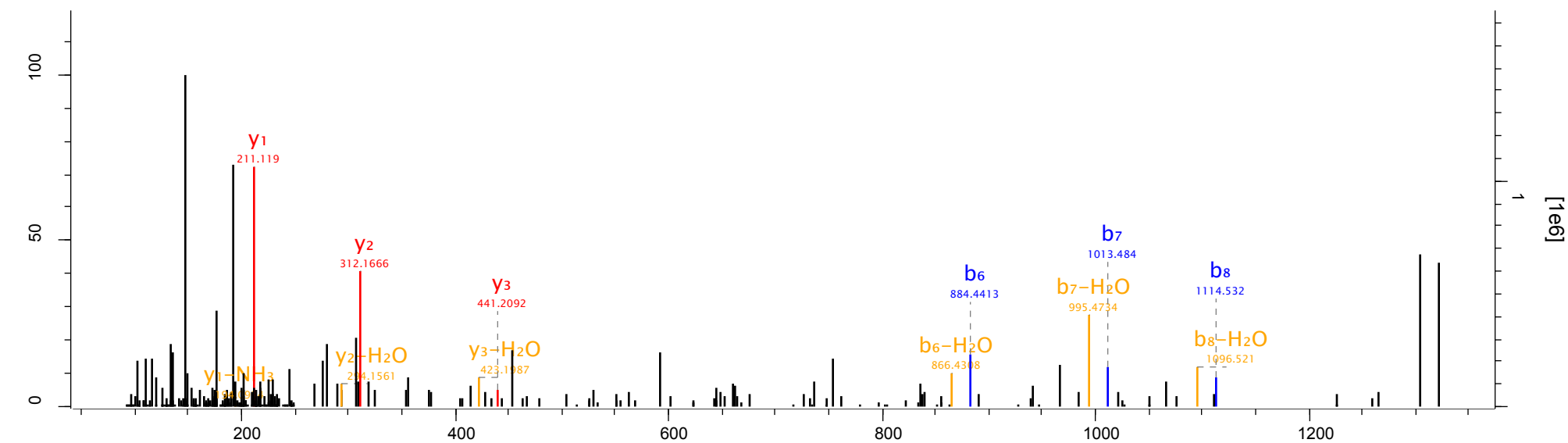
63.82

m/z

662.83

Gene names

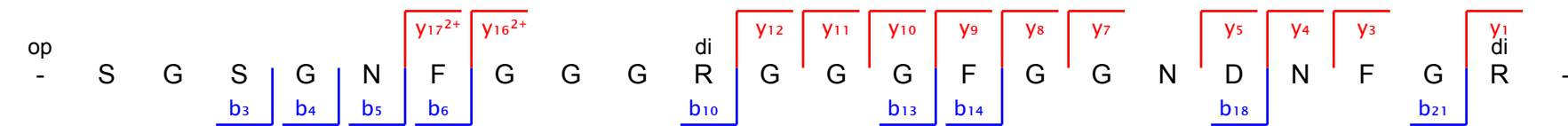
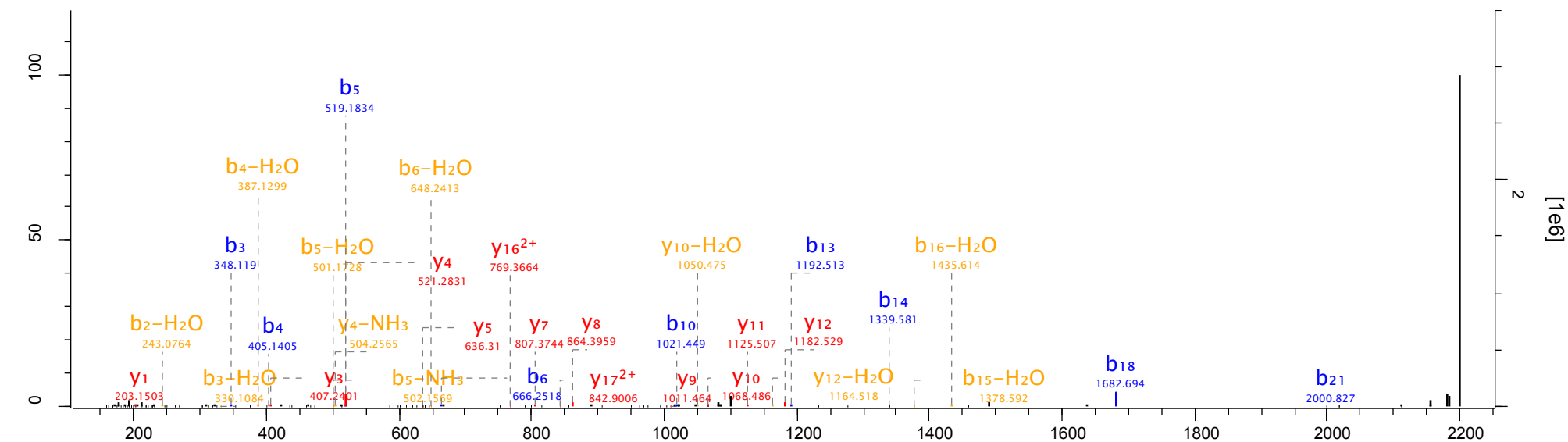
MEGF8



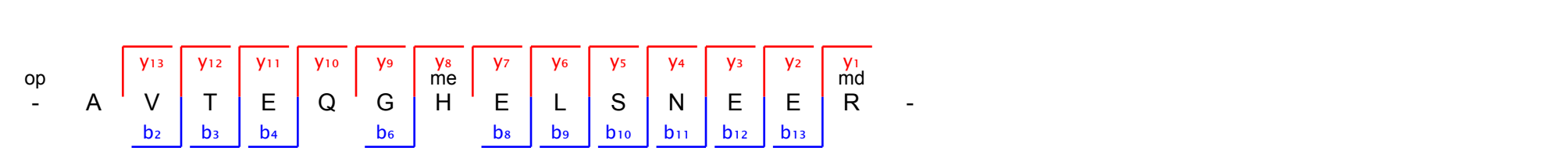
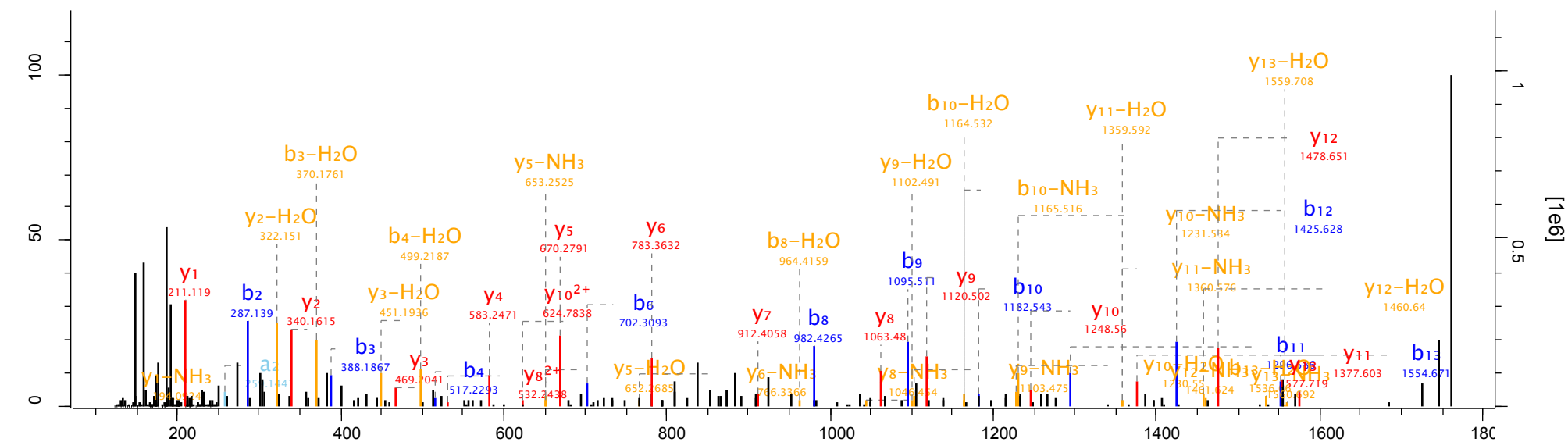
op
- Q F me K md T G E T md R -

b₆ b₇ b₈ y₃ y₂ y₁

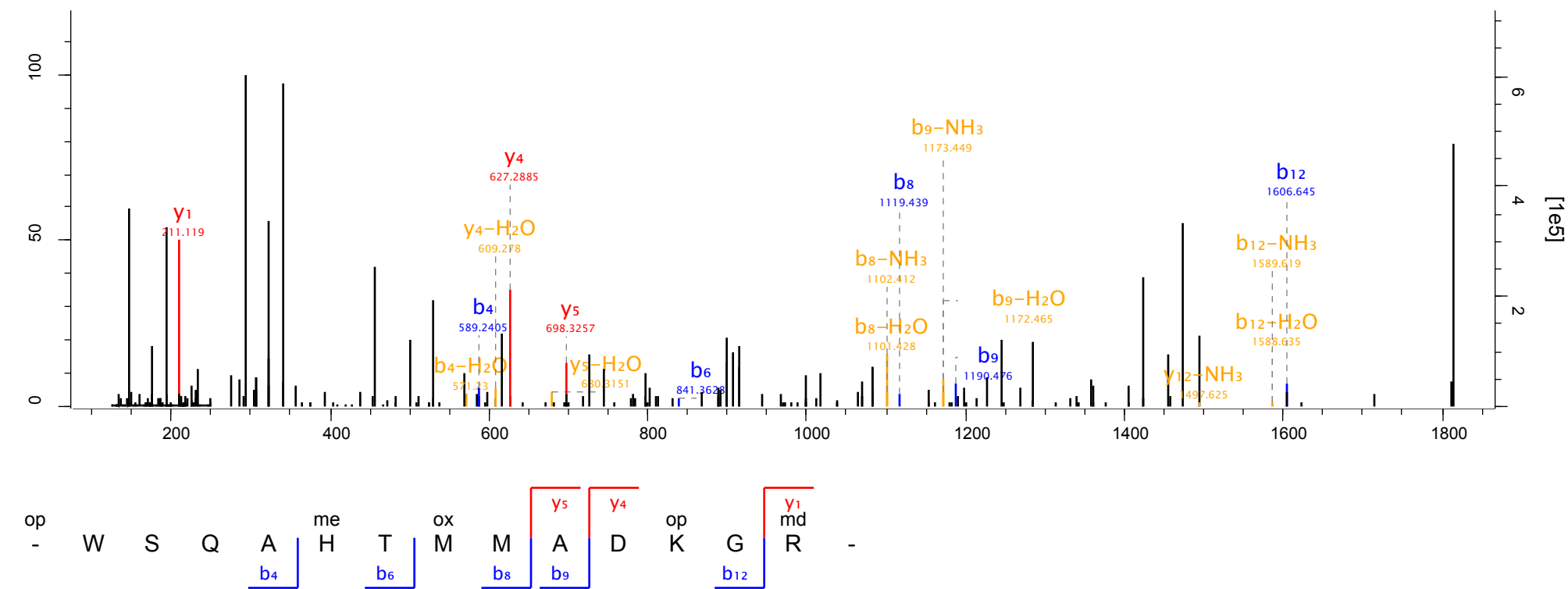
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	13870	FTMS; HCD	71.2	1102.49	HNRNPA1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	13958	FTMS; HCD	228.97	883.4	YWHAB

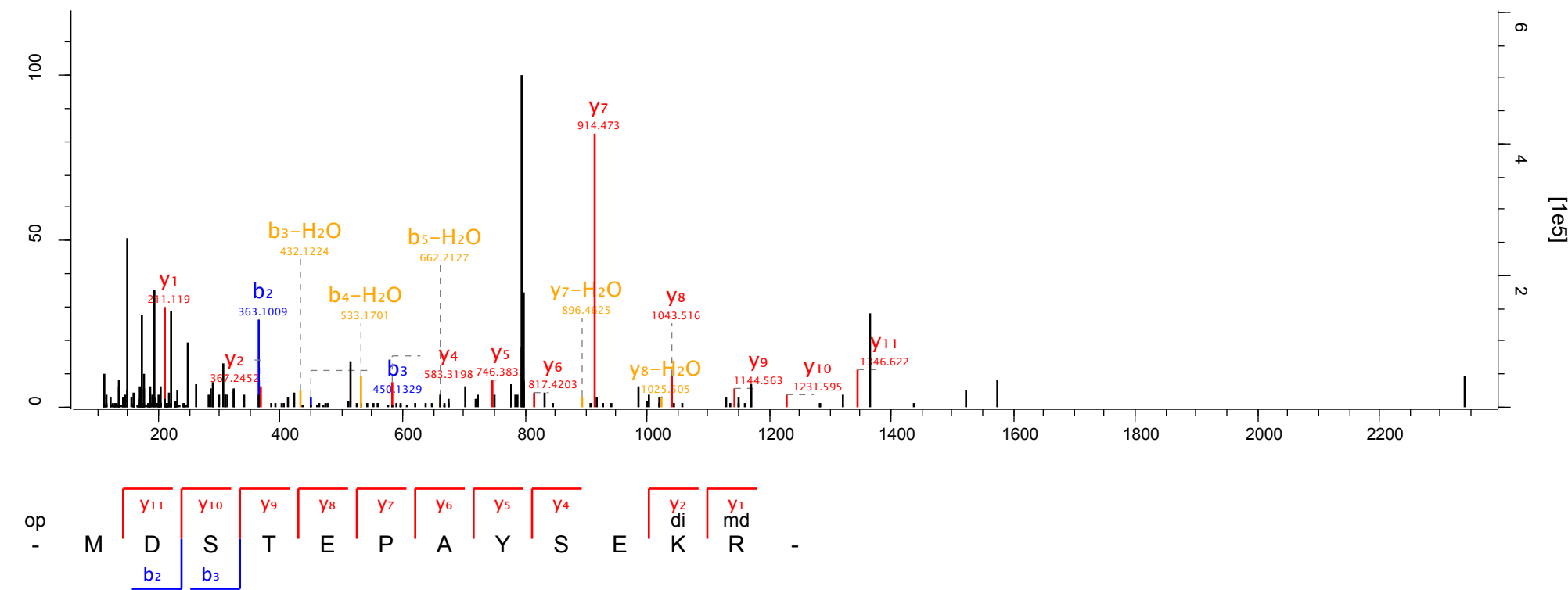


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	14303	FTMS; HCD	63.97	908.88	SUMO1

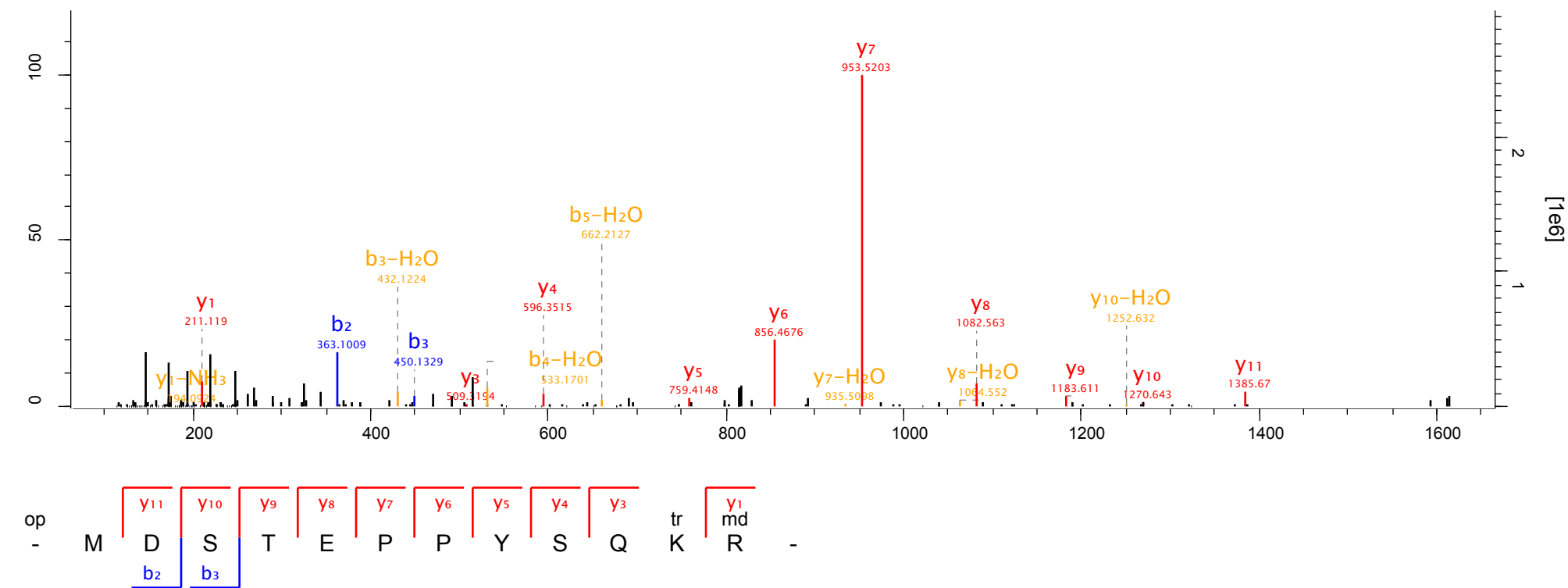


Gene names

EEF1A2

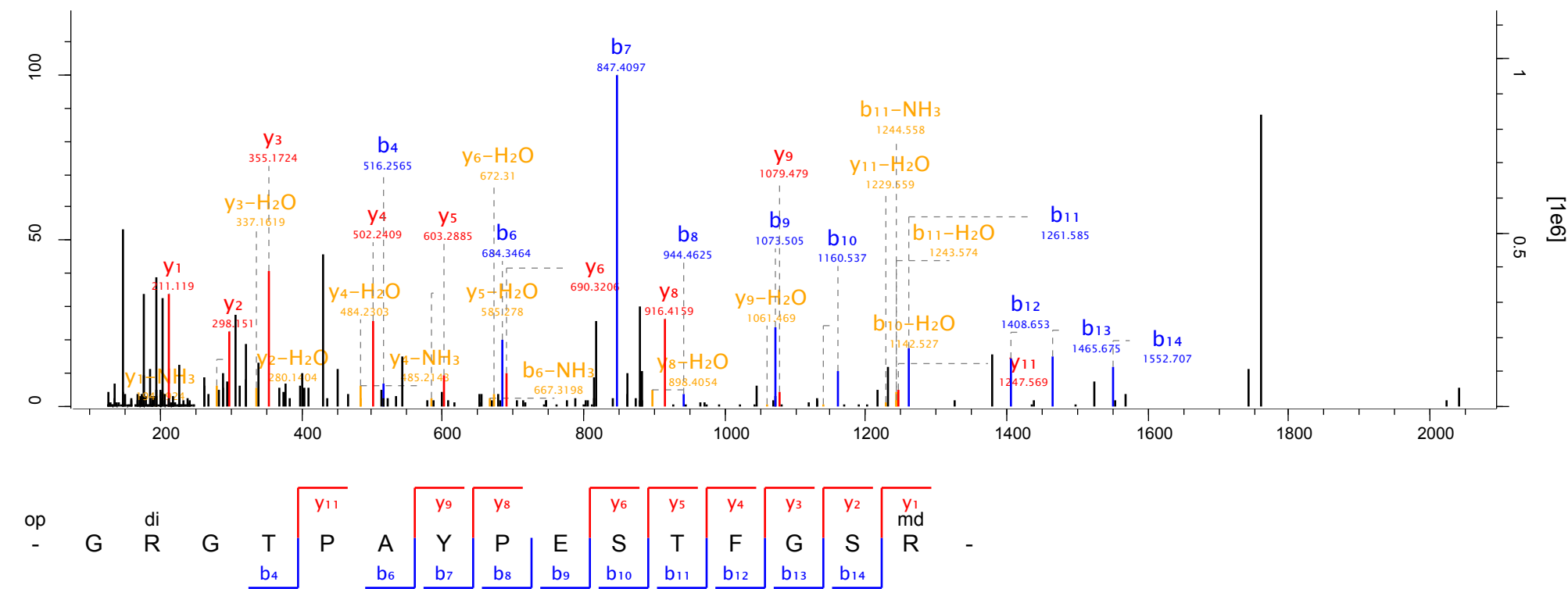


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	14403	FTMS; HCD	77.18	816.87	EEF1A1;EEF1A1P5



Gene names

ZNF326



Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

14705

Method

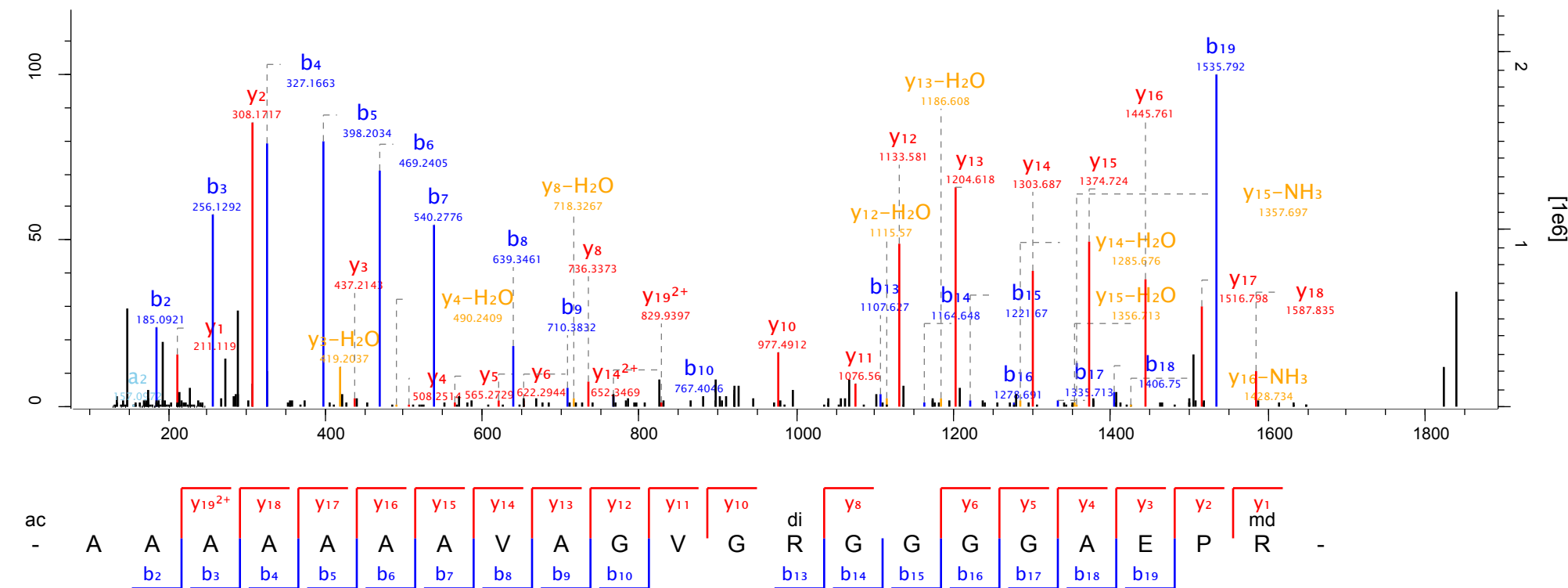
FTMS; HCD

Score

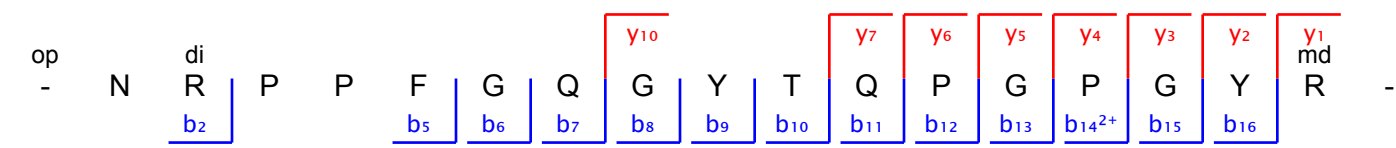
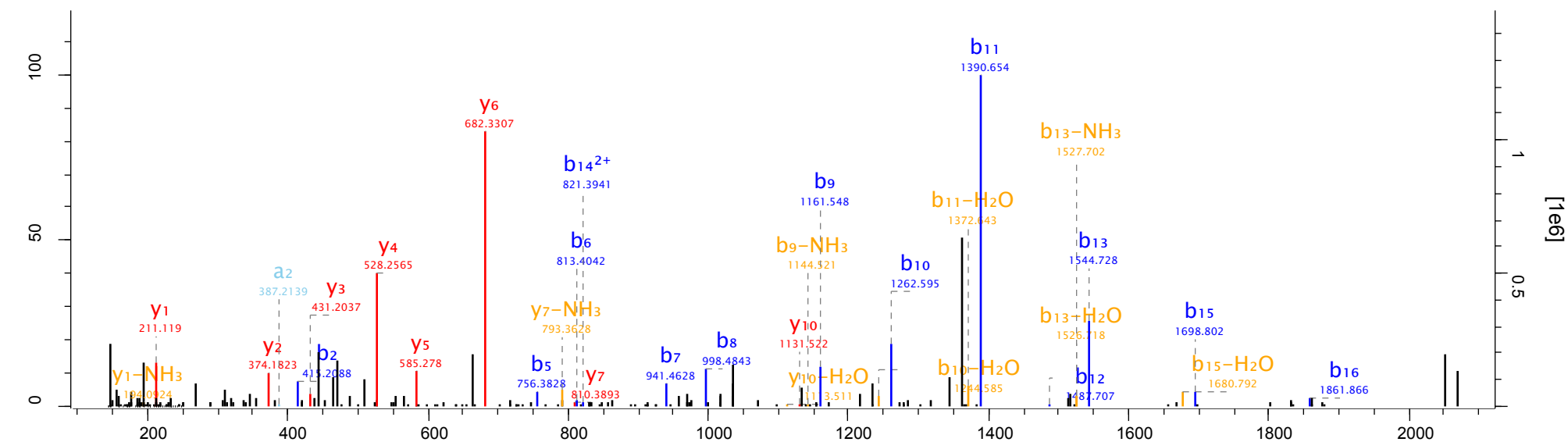
144.82

m/z

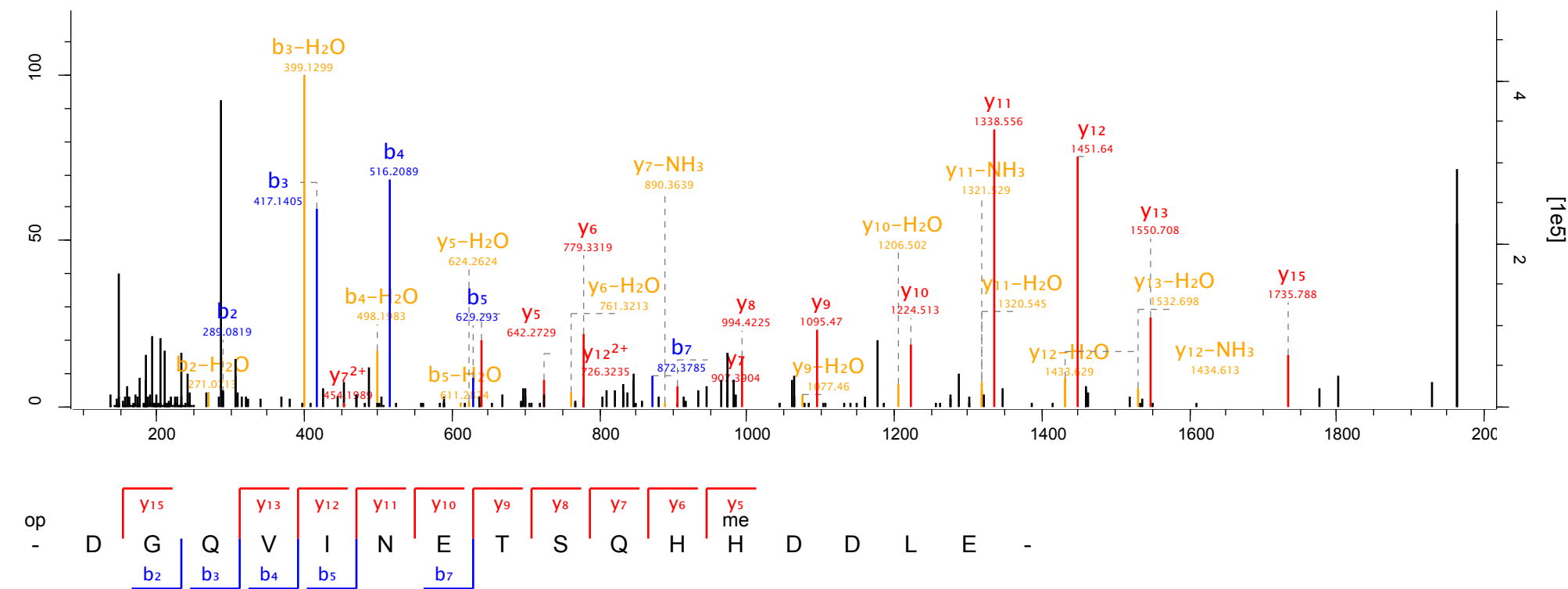
922.48



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	15207	FTMS; HCD	131.56	1037	TFG

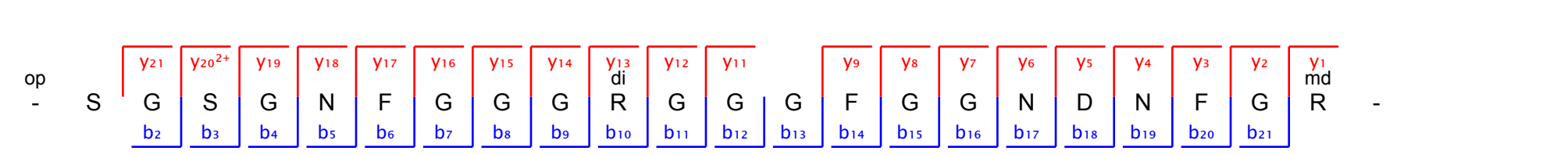
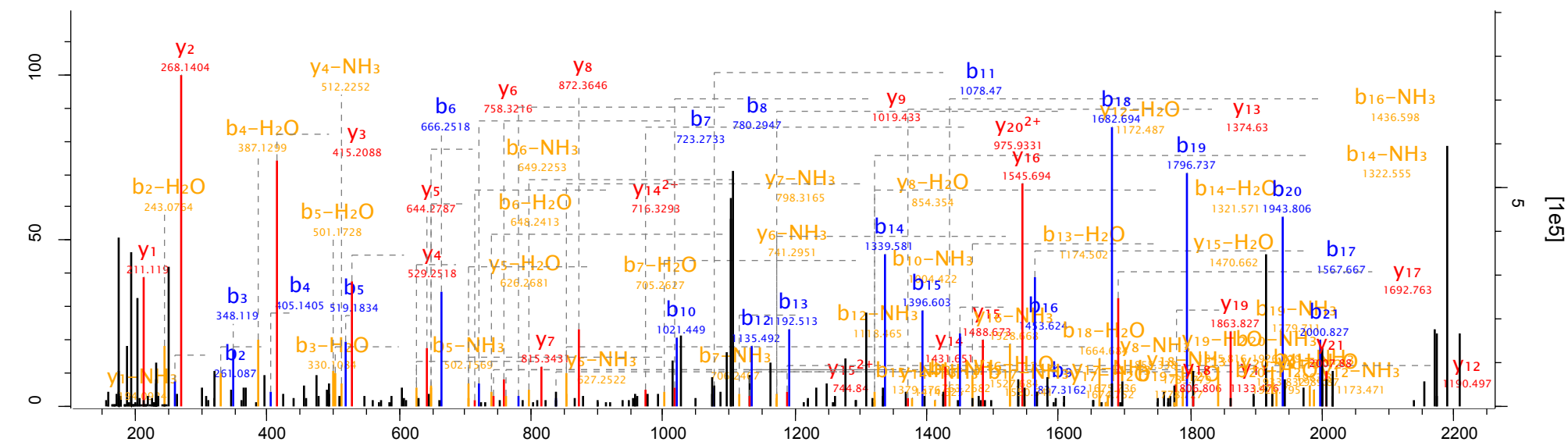


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	15311	FTMS; HCD	135.72	983.93	VIM

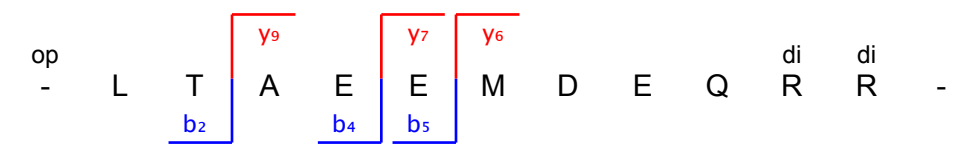
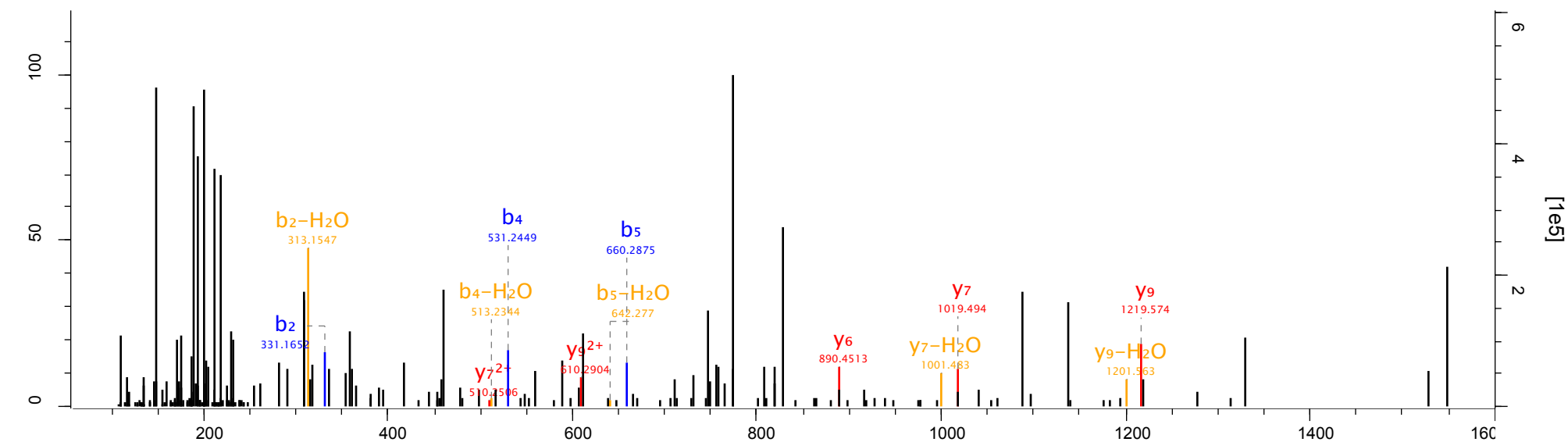


Raw file
Zhibin_20150902_MDAOPA_SCX_100mM

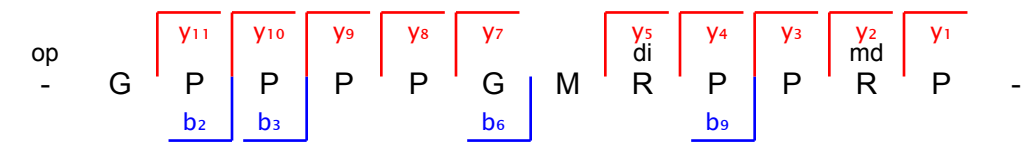
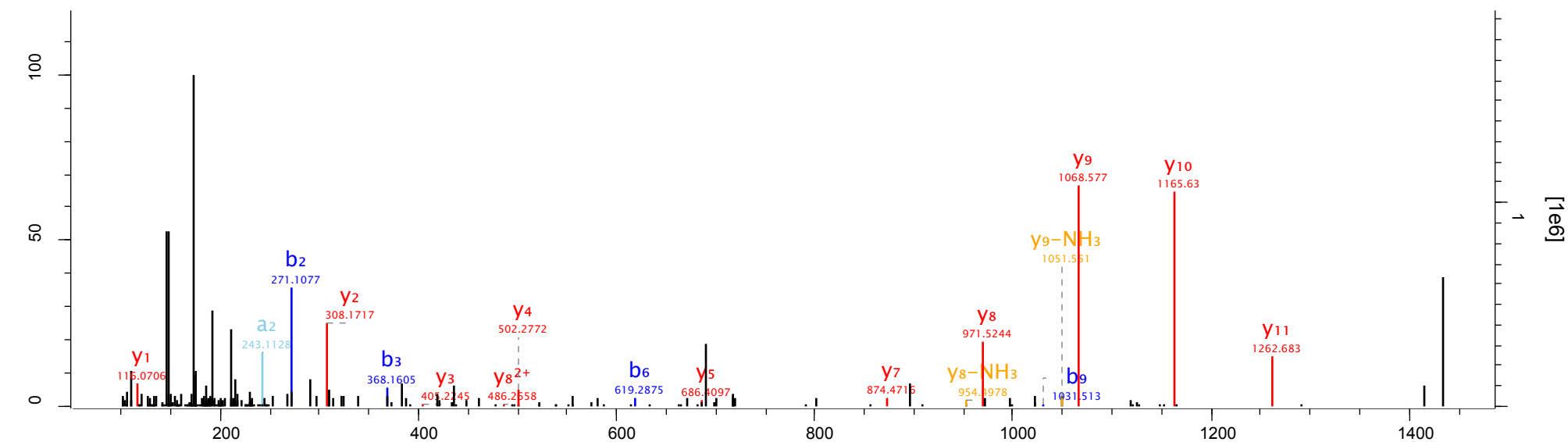
Scan	Method	Score	m/z	Gene names
15333	FTMS; HCD	360.52	1105.97	HNRNPA1



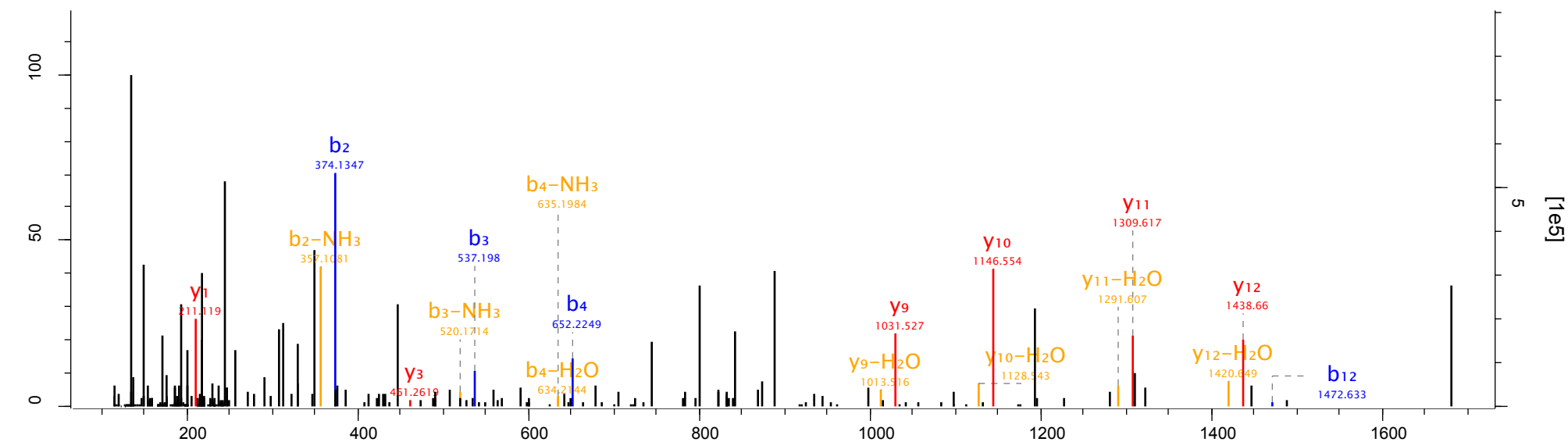
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	15448	FTMS; HCD	47.89	775.37	IQGAP3

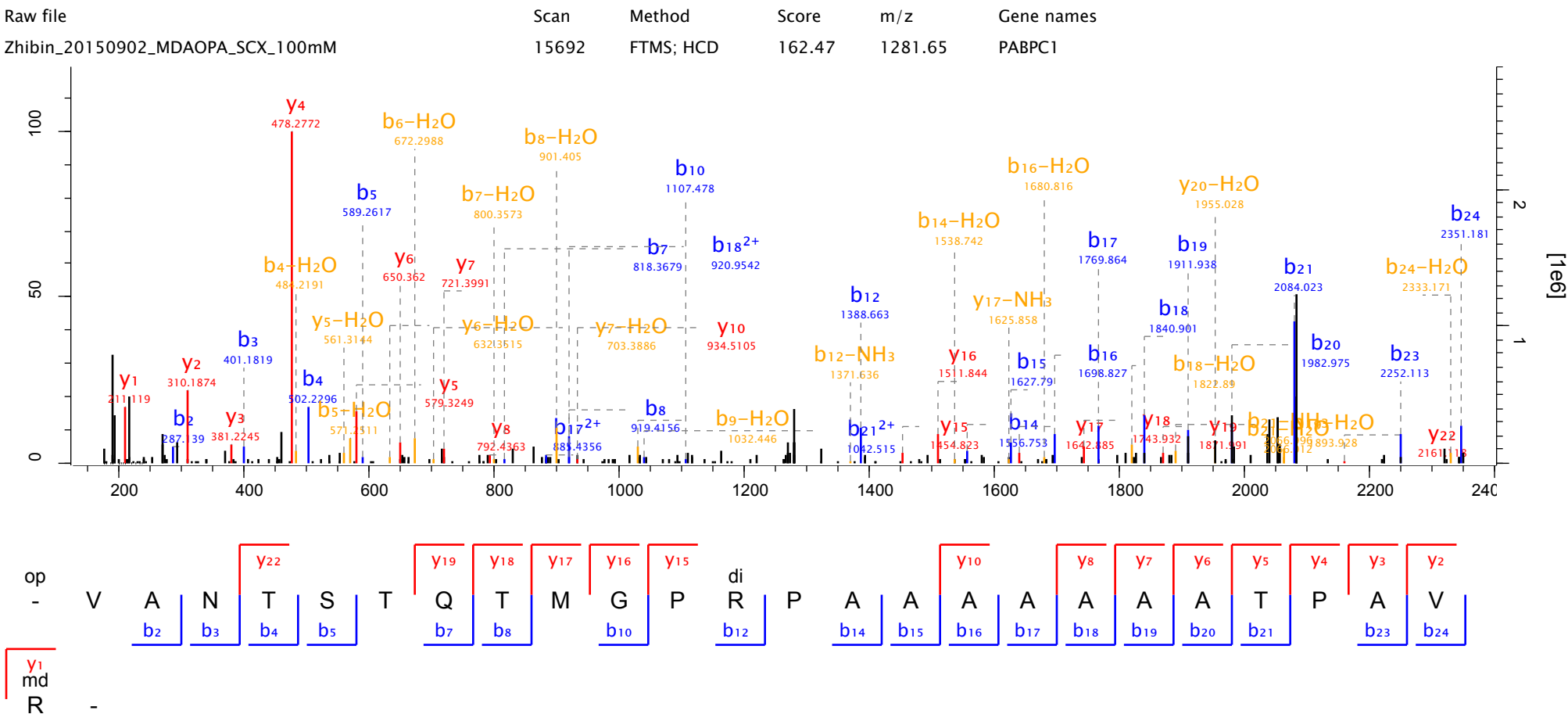


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	15473	FTMS; HCD	68.79	718.87	SNRPN;SNRPB

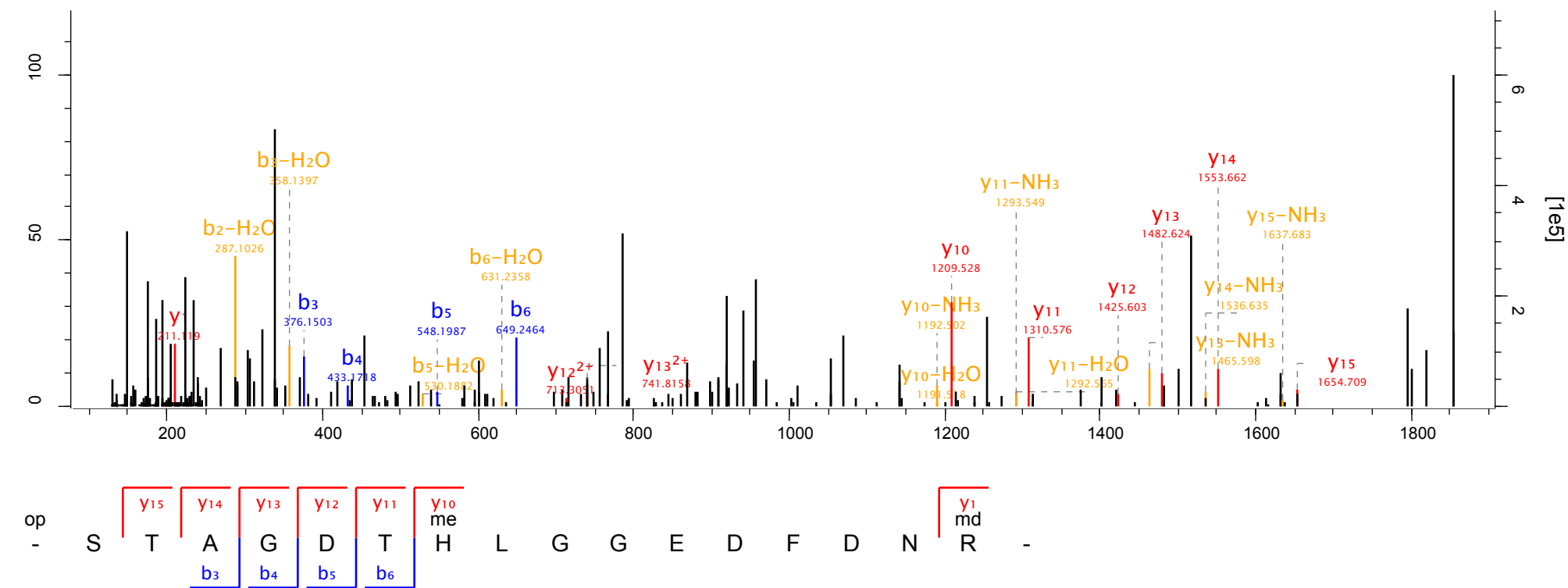


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	15600	FTMS; HCD	80.31	841.88	ACTB;POTEF;ACTG1;POTEI;POTEJ;POTEE;POTEKP

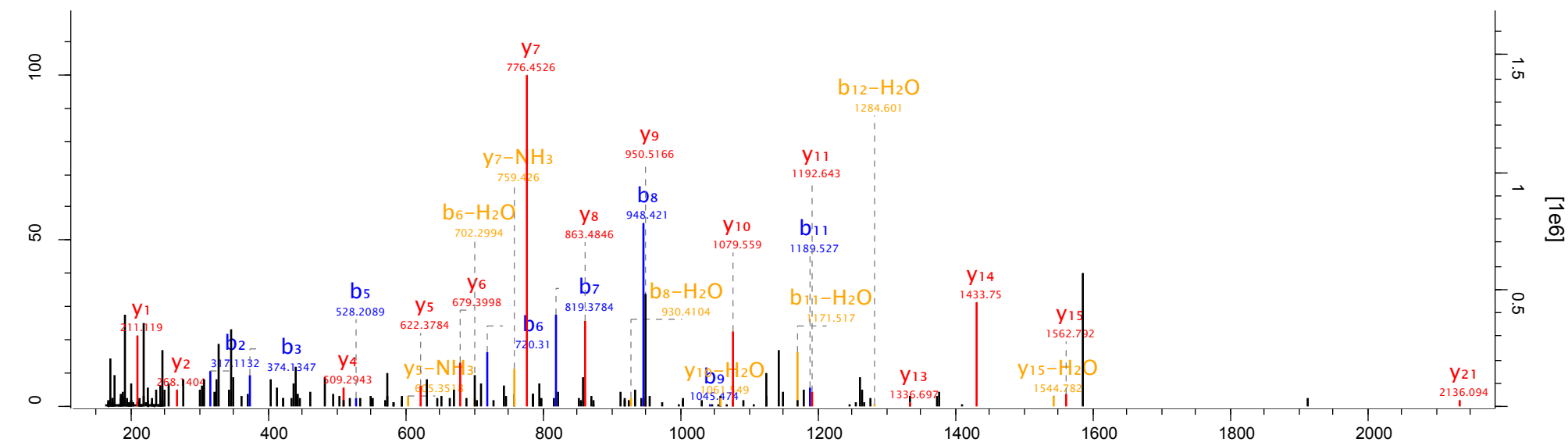




Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	15792	FTMS; HCD	66.33	929.39	HSPA8;HSPA2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	15939	FTMS; HCD	86.56	794.73	LARP4B



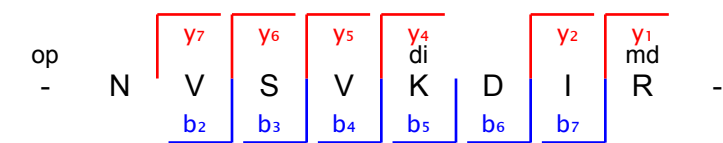
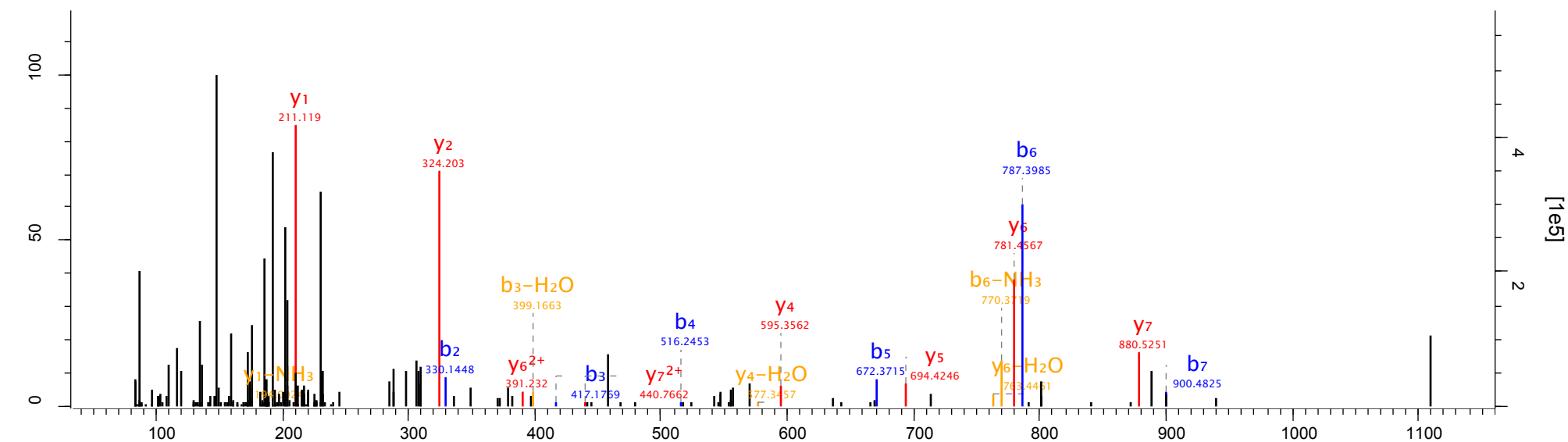
op - E A G P G R V E P G S L E S S P G L G di R G R -

md

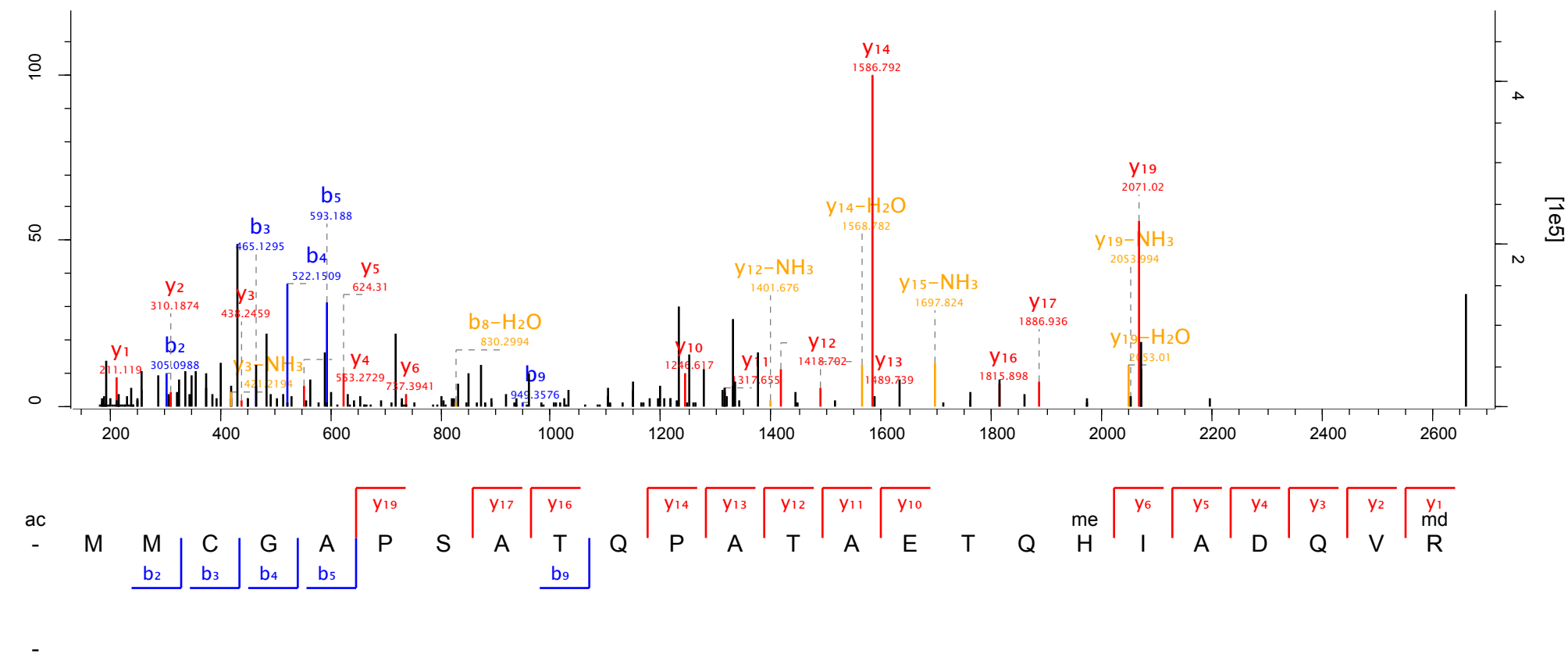
b2 b3 b5 b6 b7 b8 b9 b11

y1 y2 y4 y5 y6 y7 y8 y9 y10 y11 y13 y14 y15 y21

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	16145	FTMS; HCD	77.53	555.8	EEF1A2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	16396	FTMS; HCD	46.46	1333.11	CSTB



Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

16402

Method

FTMS; HCD

Score

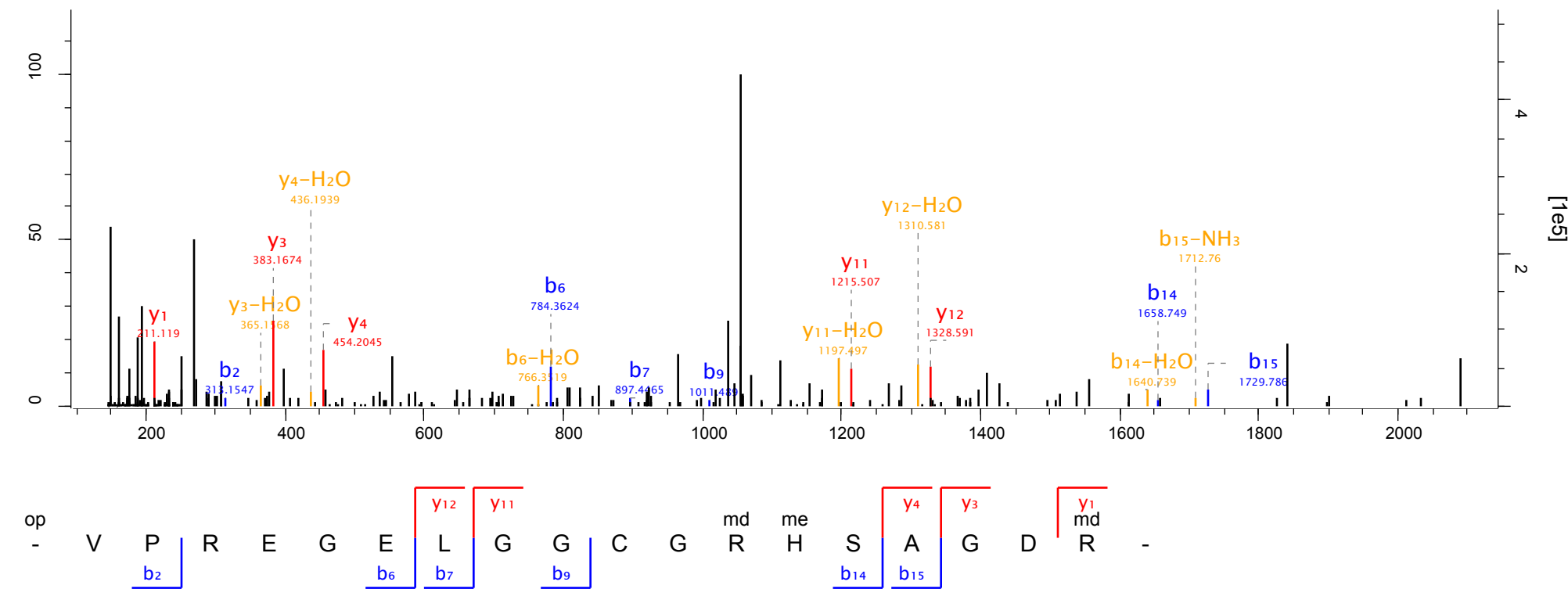
45.88

m/z

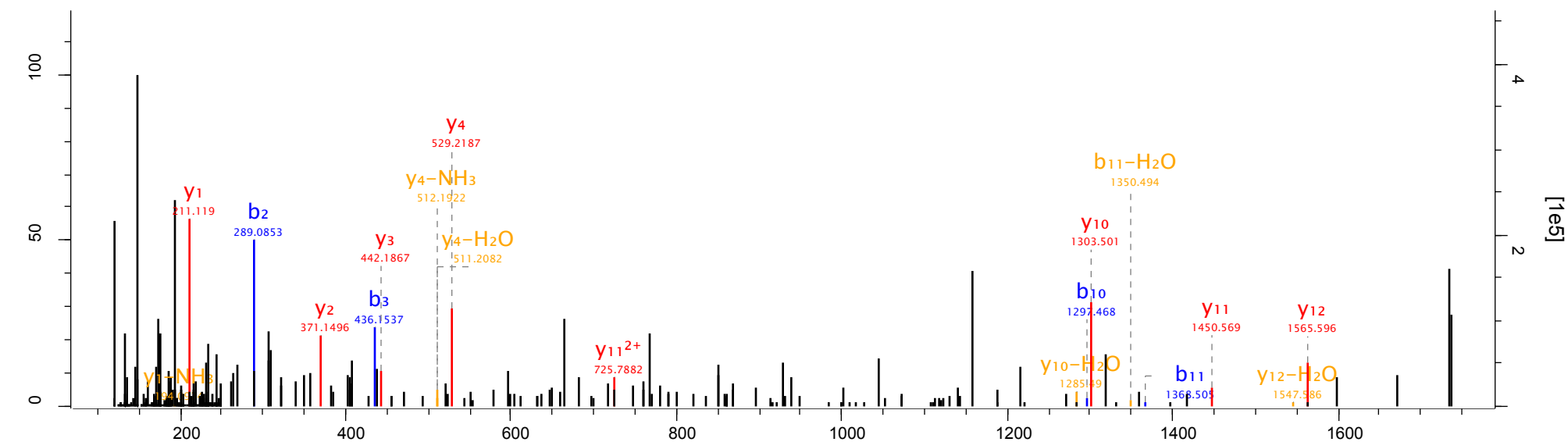
1056.98

Gene names

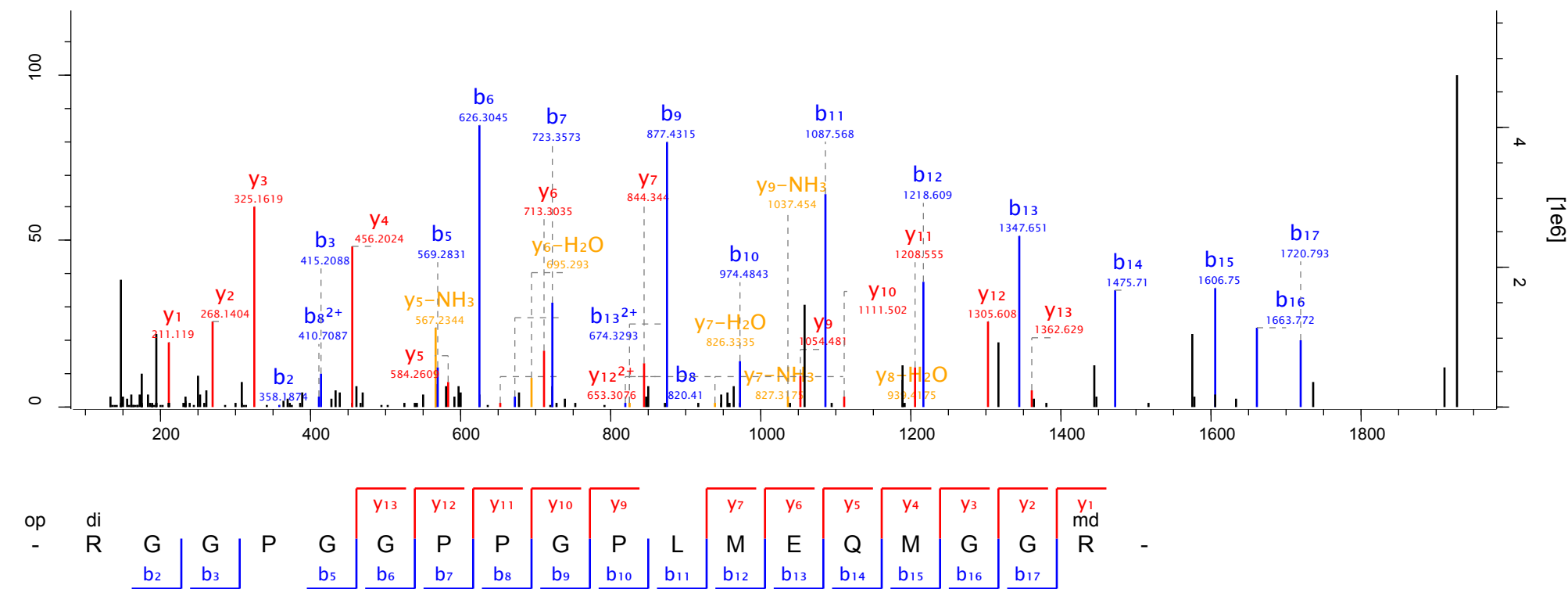
CCDC135



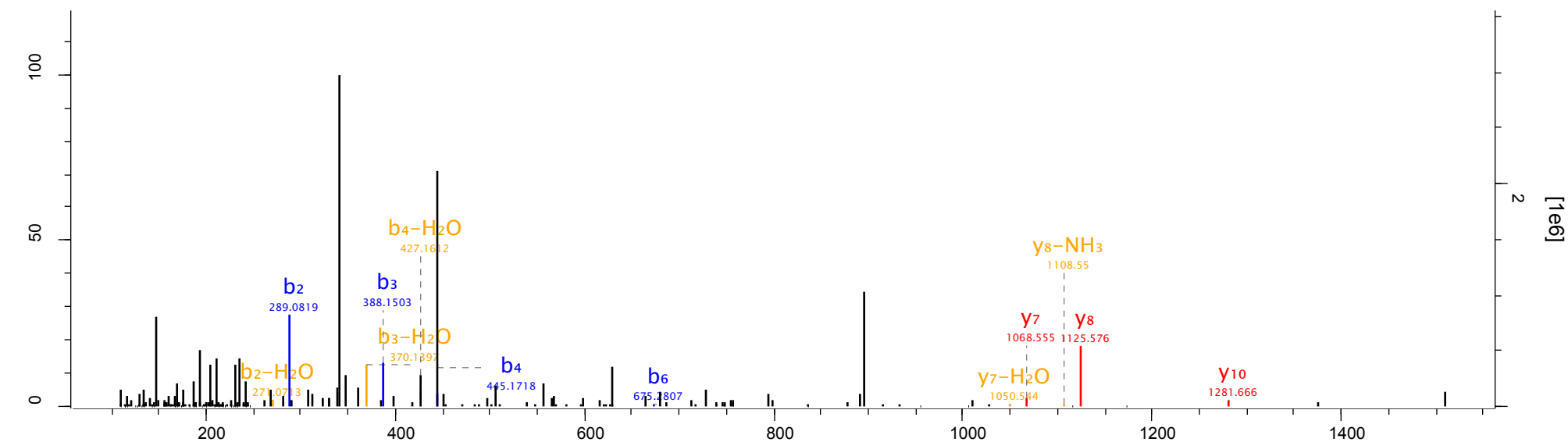
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	16408	FTMS; HCD	64.83	869.83	ZNF326



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	16740	FTMS; HCD	150.7	966.46	EWSR1

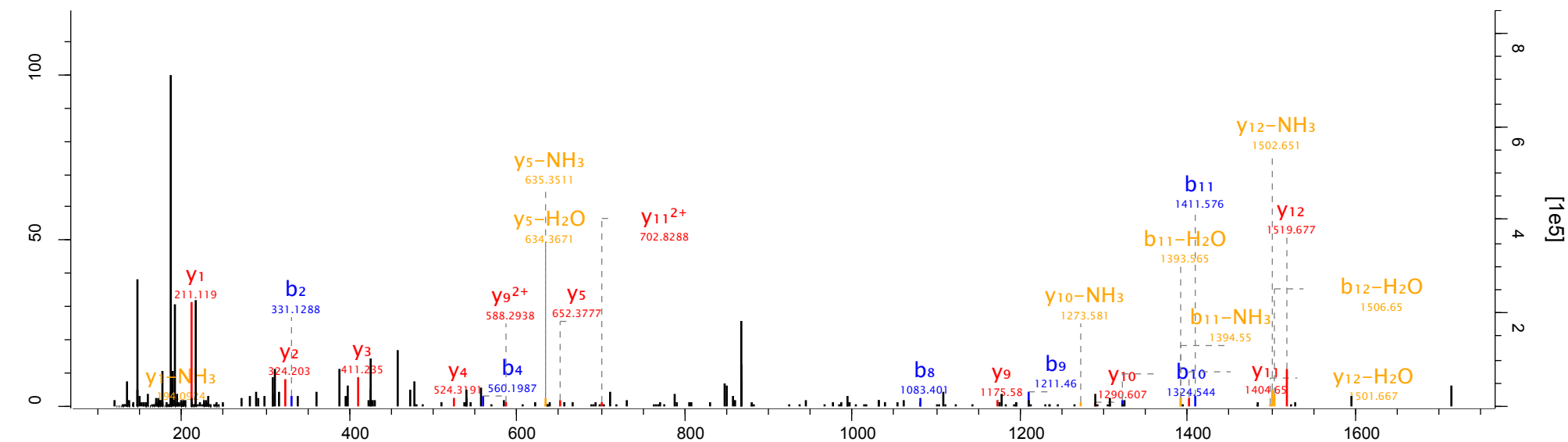


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	16974	FTMS; HCD	46.35	757.37	SRSF9



op
- D G V G M V E Y L me op
- b₂ b₃ b₄ b₆ K -

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	17347	FTMS; HCD	99.99	868.39	NPM1



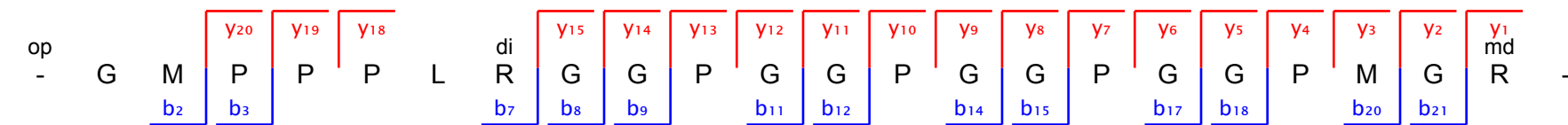
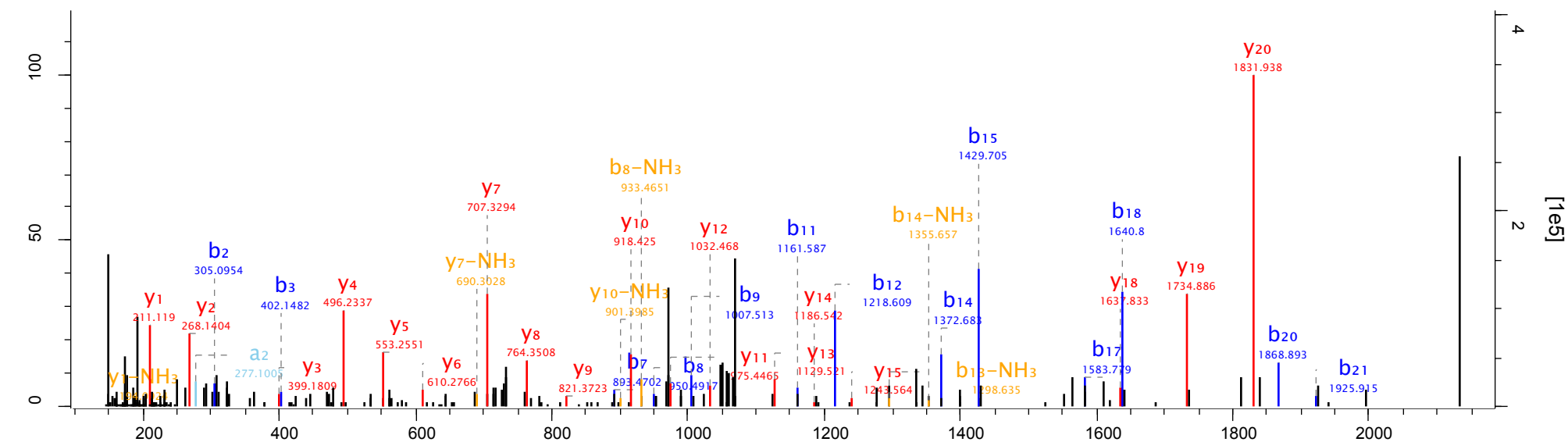
op - V D N D E N E me H Q L S L R -

b₂ b₄ b₈ b₉ b₁₀ b₁₁

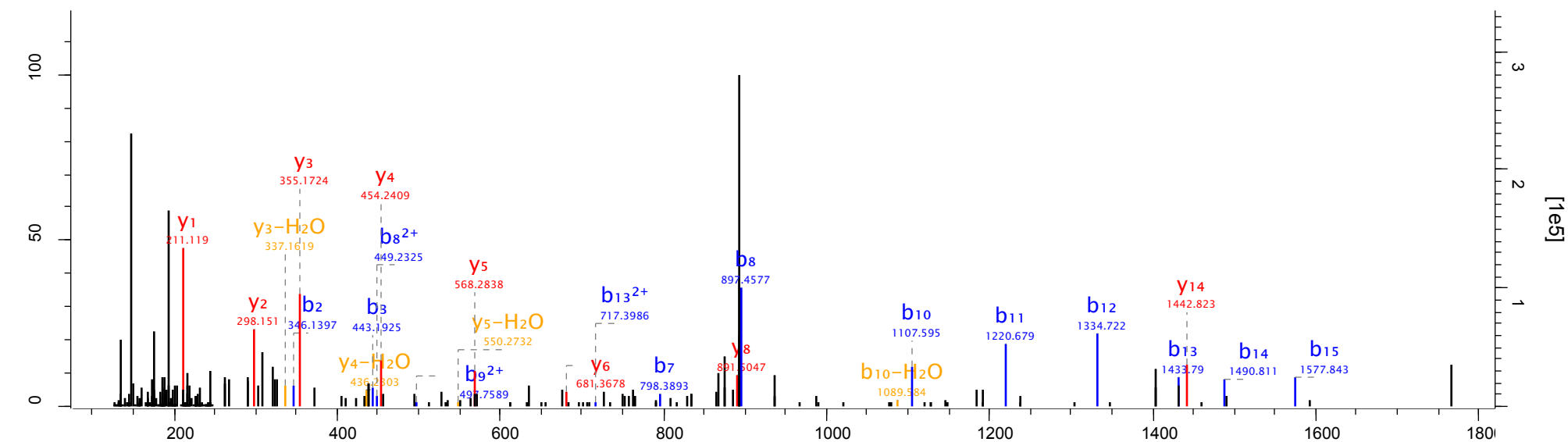
y₁₂ y₁₁ y₁₀ y₉ y₅ y₄ y₃ y₂ y₁

md

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	18103	FTMS; HCD	129.2	1069.02	EWSR1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	18302	FTMS; HCD	82.01	894.48	EIF4G3



op - Q T P G G di R G V P L L N V G S y₁md R -

b₂ b₃ b₇ b₈ b₉²⁺ b₁₀ b₁₁ b₁₂ b₁₃ b₁₄ b₁₅

y₁₄ y₈ y₆ y₅ y₄ y₃ y₂

Raw file Scan Method Score m/z Gene names

Zhibin_20150902_MDAOPA_SCX_100mM

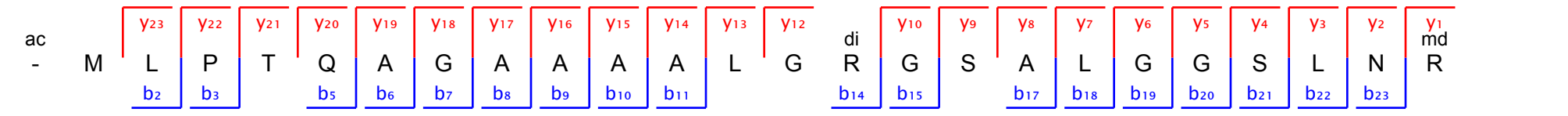
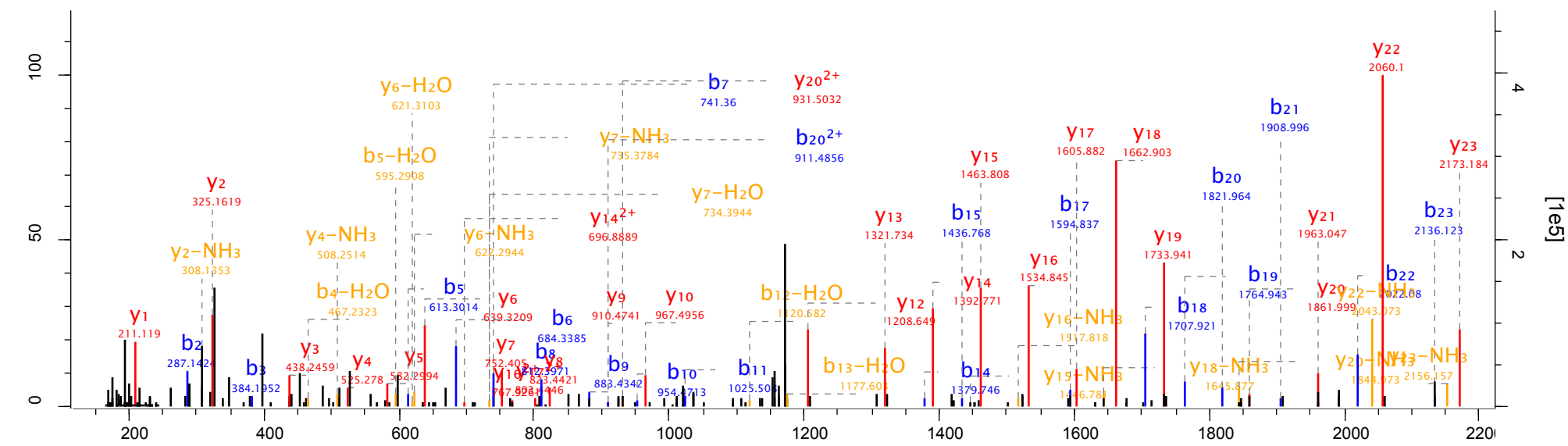
18517

FTMS; HCD

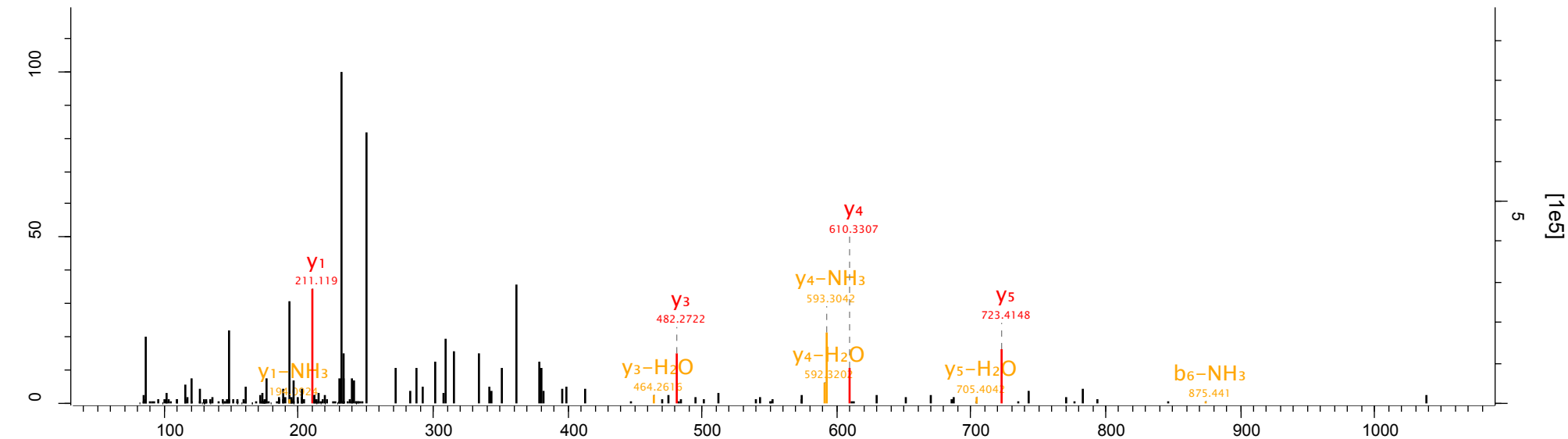
197.73

1174.12

SRF



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_100mM	19363	FTMS; HCD	47.74	551.76	ASPM



op
- A md R L Q E K md R -

Red brackets above the sequence indicate peptide fragments: y5 (L), y4 (Q), y3 (E), and y1 (md R).

Raw file

Zhibin_20150902_MDAOPA_SCX_100mM

Scan

19844

Method

FTMS; HCD

Score

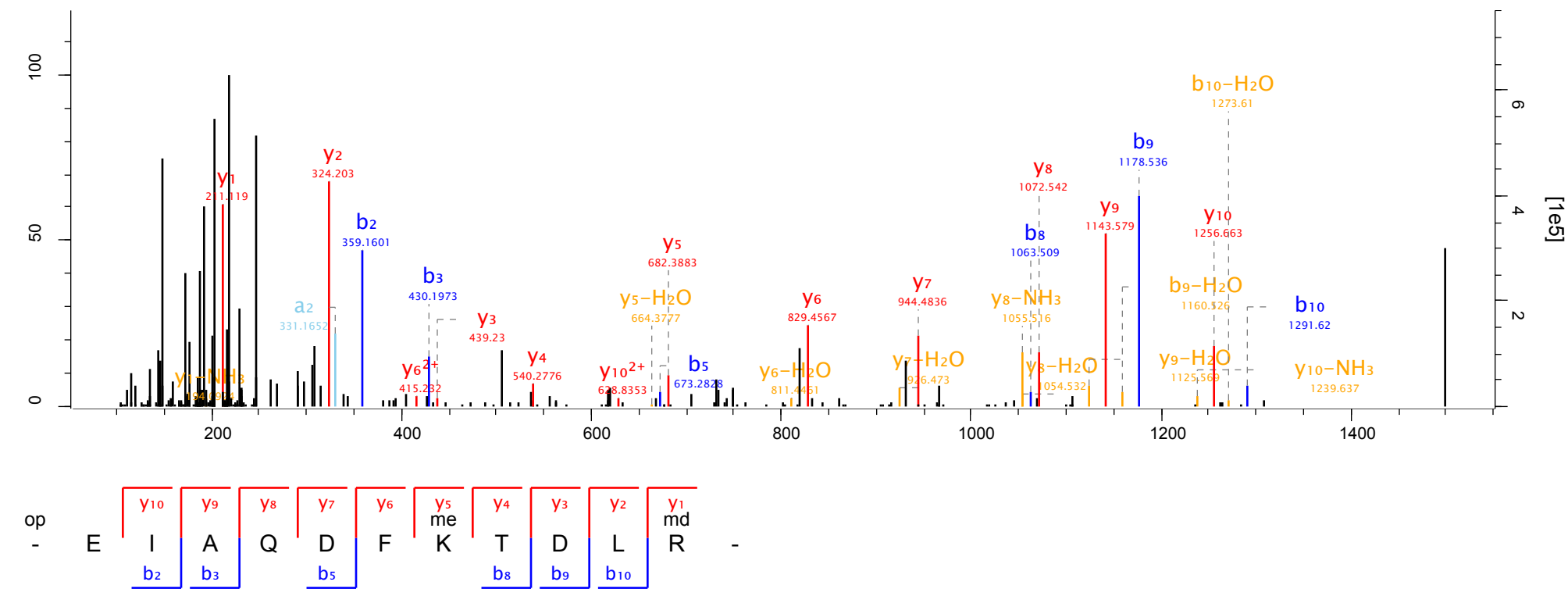
169.89

m/z

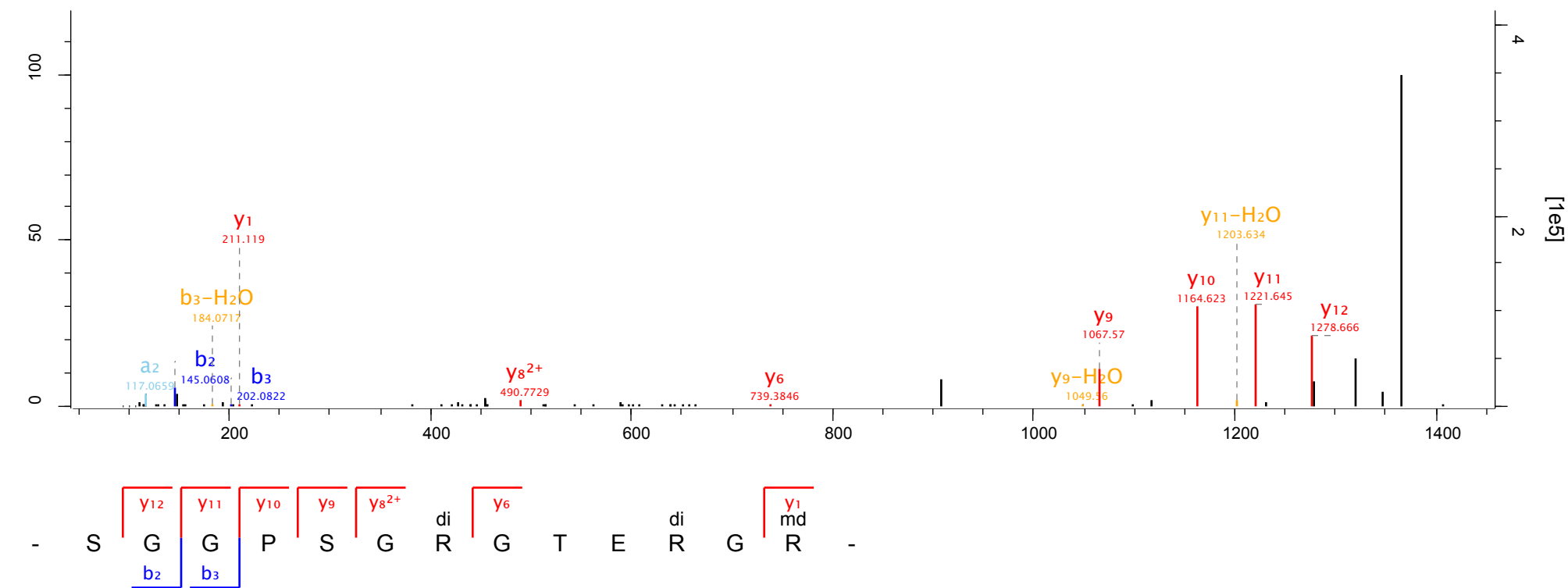
751.37

Gene names

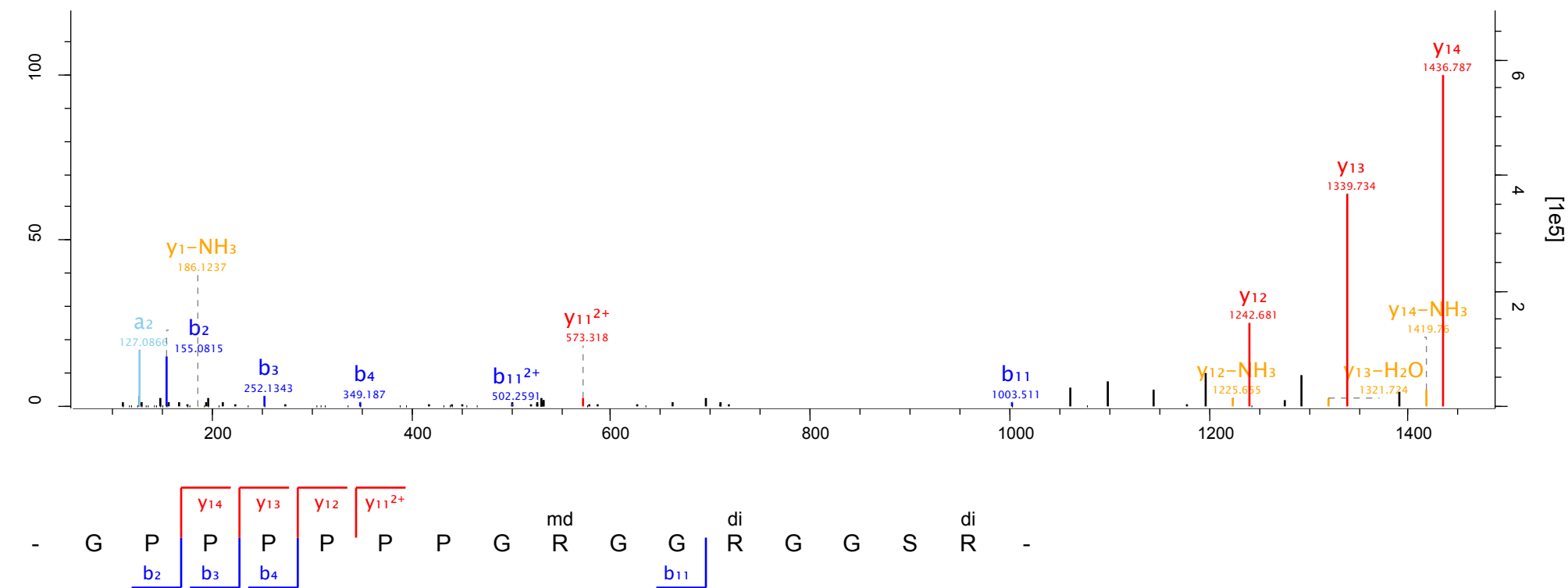
HIST2H3A;HIST3H3;HIST1H3A;H3F3B;H3F3A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	2375	FTMS; HCD	53.45	455.9	UBAP2L



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	2764	FTMS; HCD	48.53	530.96	HNRNPK



Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

Scan

2861

Method

FTMS; HCD

Score

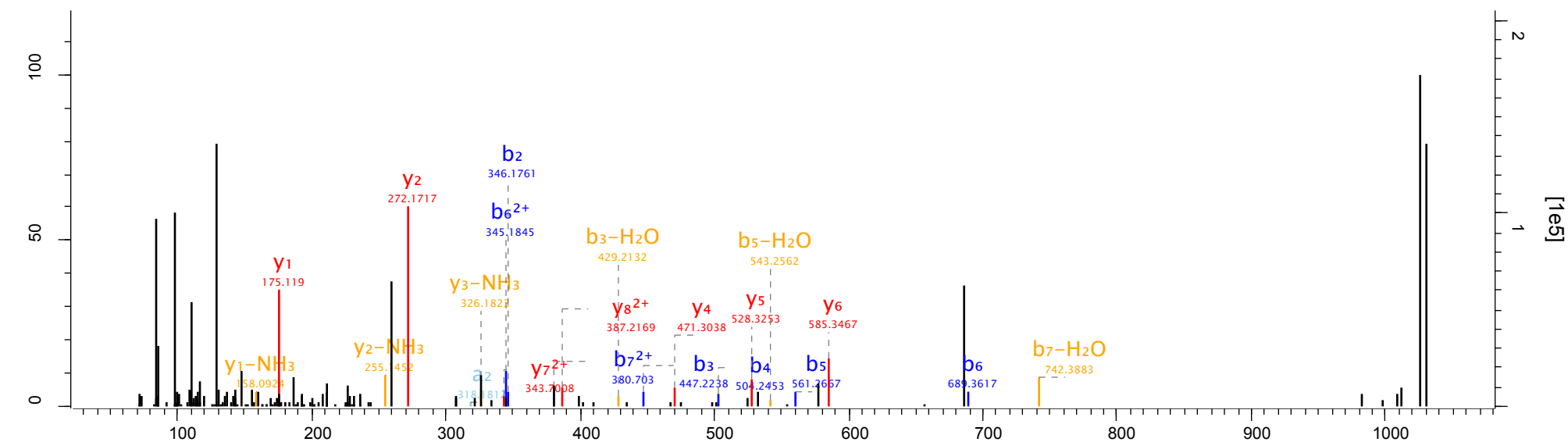
89.89

m/z

344.53

Gene names

HIST2H3PS2;H3F3B;HIST2H3A;HIST3H3;HIST1H3A;H3F3A;H3F3C



[1e5]

op - me K S T G G K A P R -

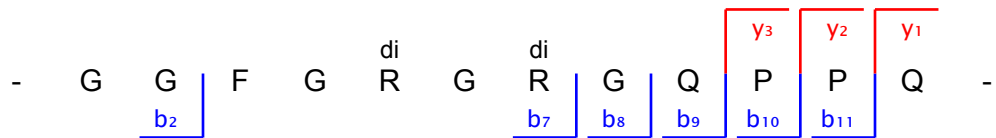
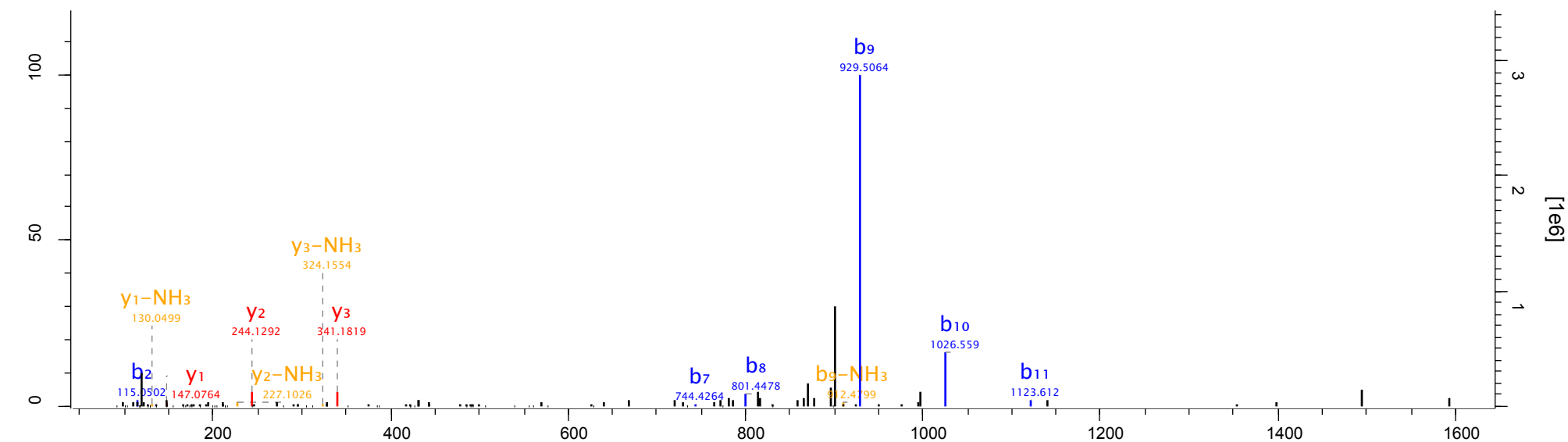
b2 b3 b4 b5 b6 b7 2+

y8 2+ y7 2+ y6 y5 y4 y2 y1

Raw file

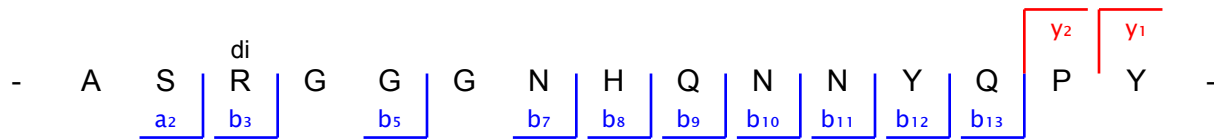
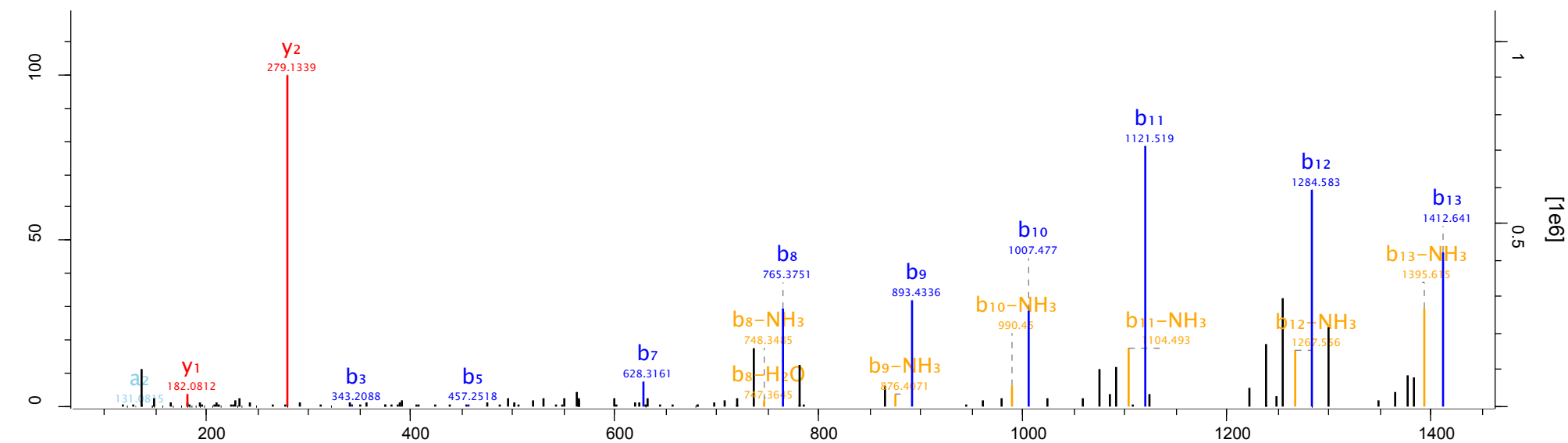
Scan	Method	Score	m/z	Gene names
3062	FTMS; HCD	44.54	423.9	RPS10

Zhibin_20150902_MDAOPA_SCX_200mM



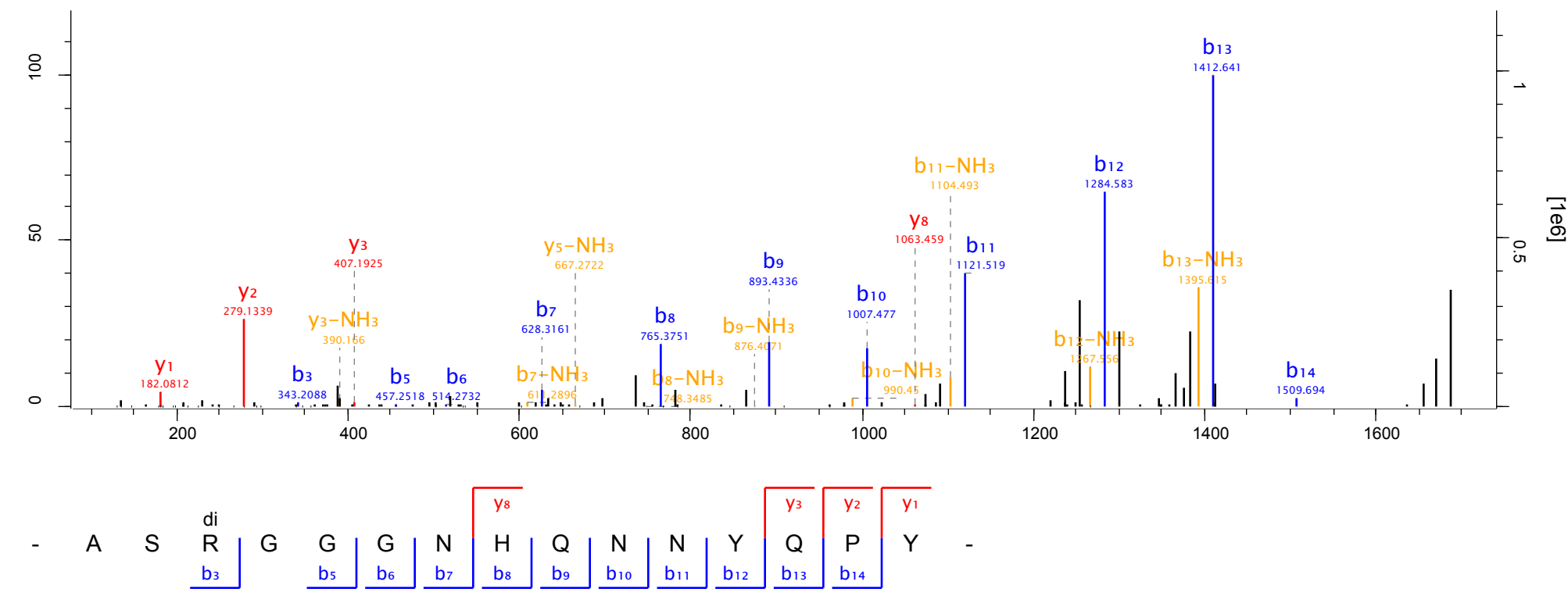
Zhibin_20150902_MDAOPA_SCX_200mM

3275 FTMS; HCD 71.28 564.26 HNRNPDL

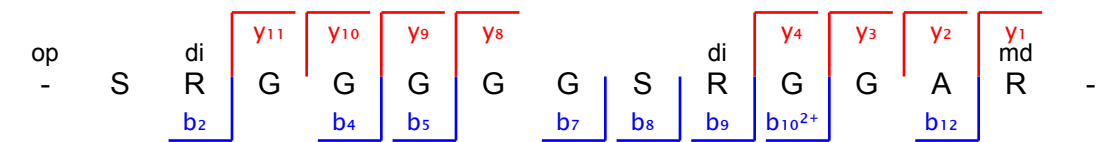
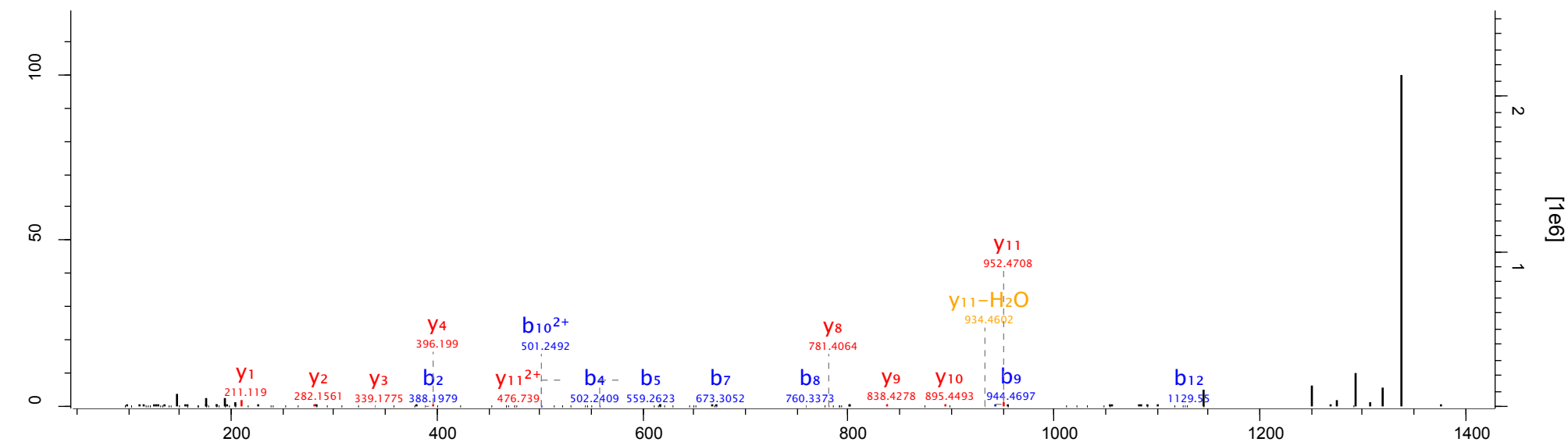


Zhibin_20150902_MDAOPA_SCX_200mM

3277 FTMS; HCD 78.69 845.89 HNRNPDL

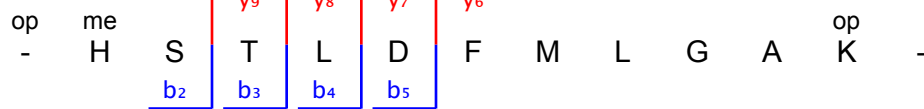


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	3970	FTMS; HCD	43.59	670.33	KHDRBS1



Gene names

SMS



op me y₉ y₈ y₇ y₆ op

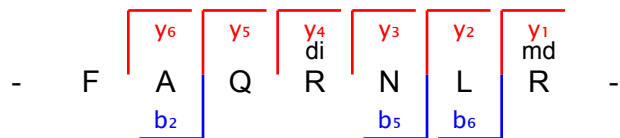
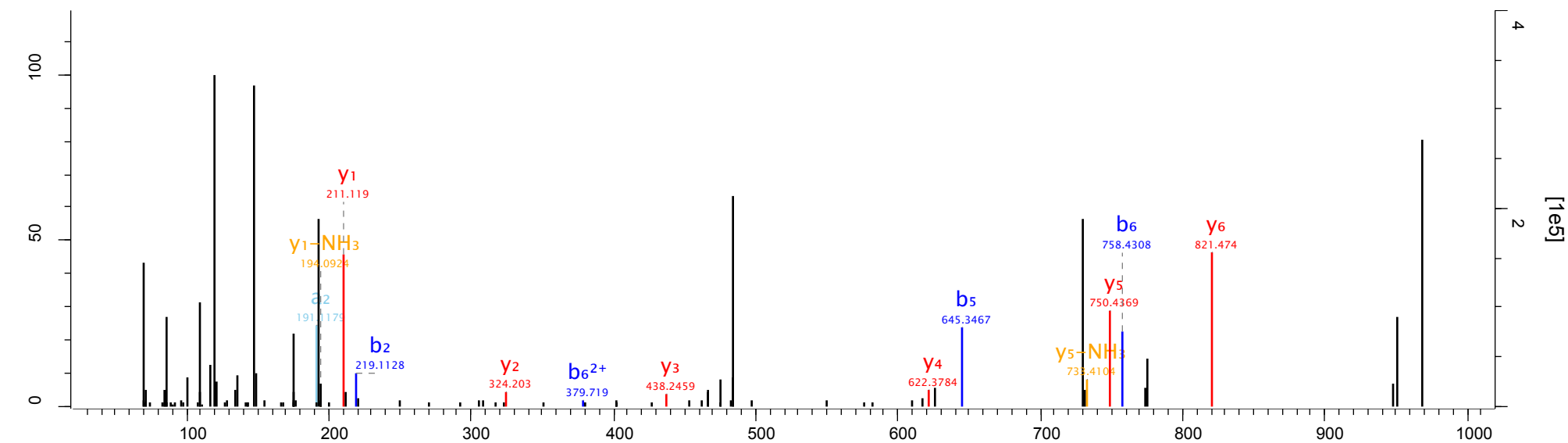
- H S T L D F M L G A K -

b₂ b₃ b₄ b₅

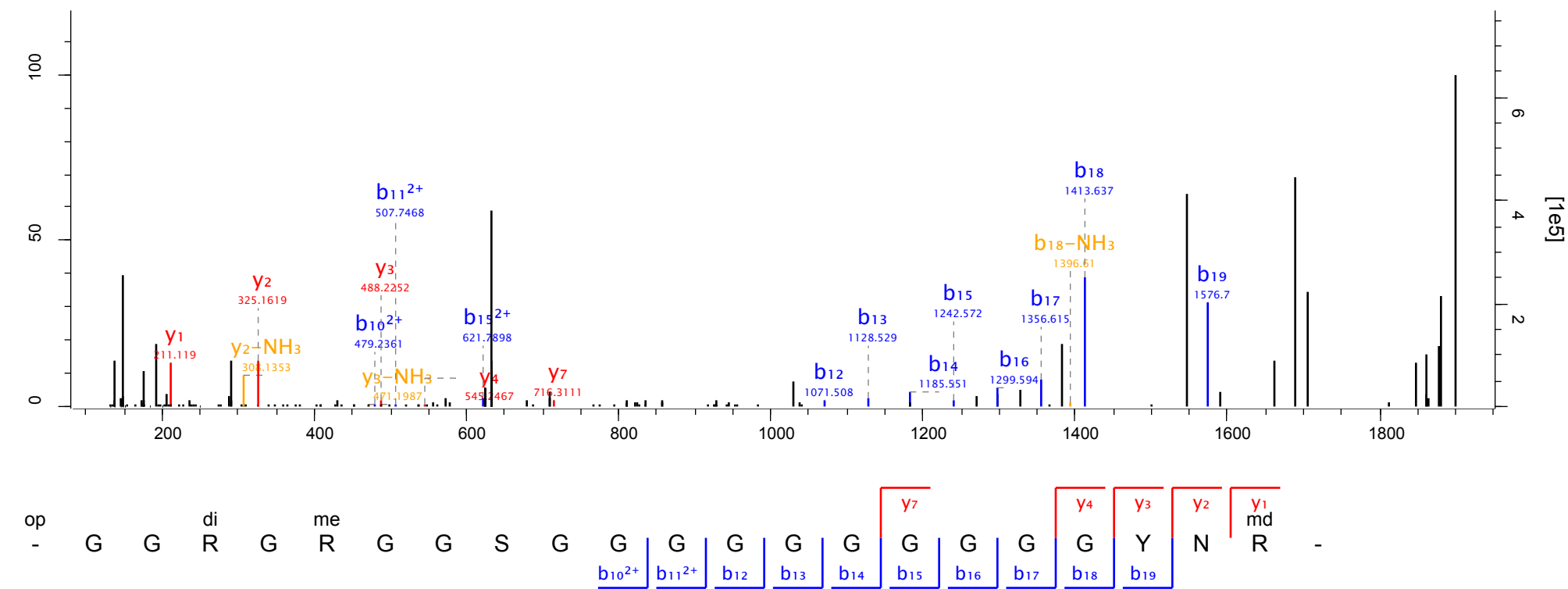
Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

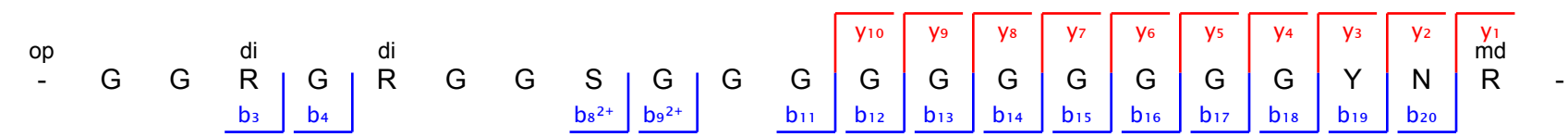
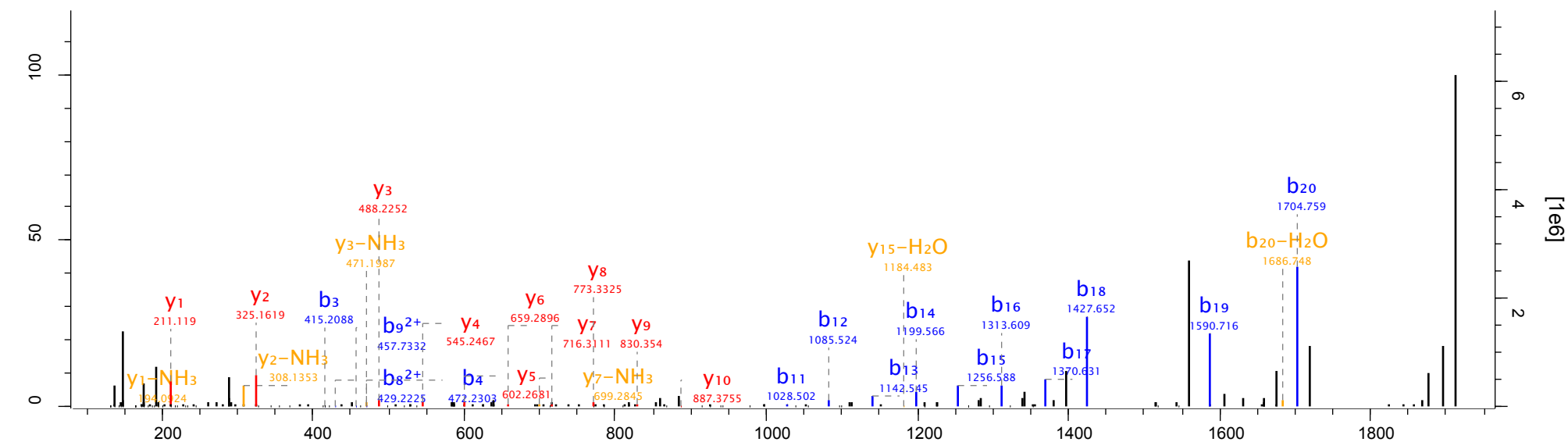
Scan	Method	Score	m/z	Gene names
4648	FTMS; HCD	90.99	484.77	EIF3D



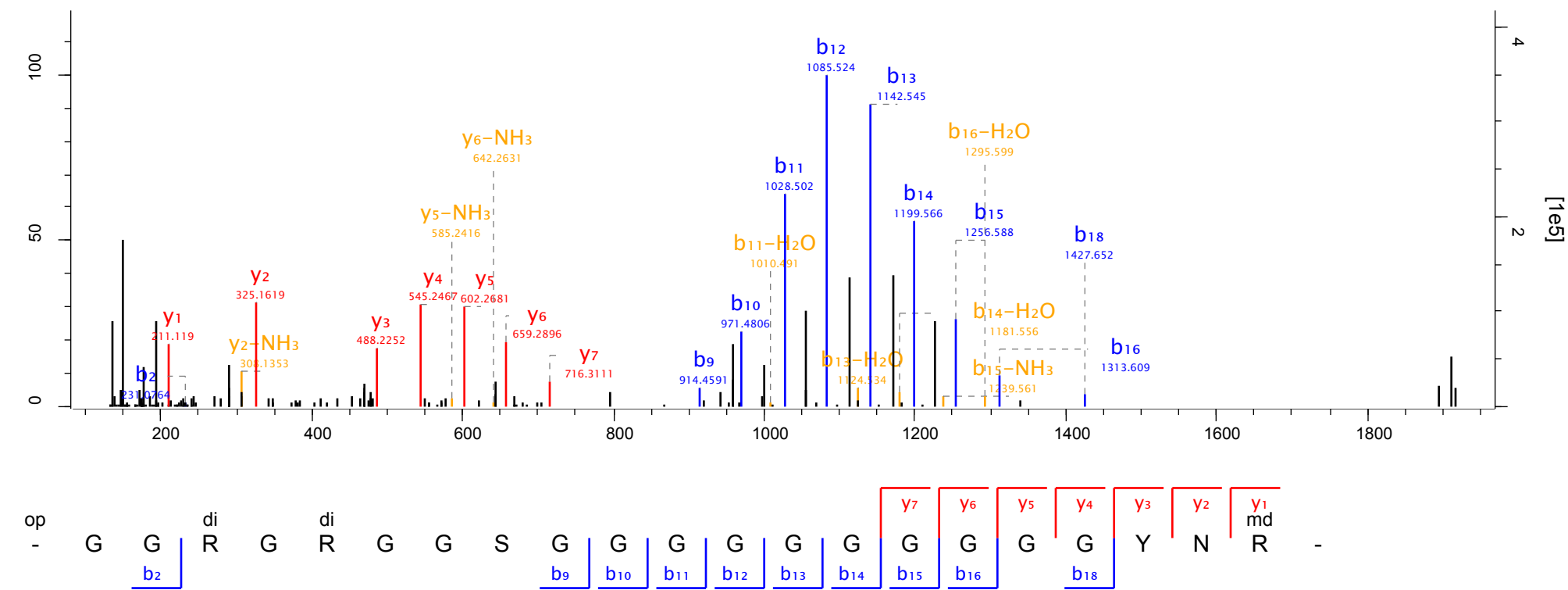
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	4662	FTMS; HCD	48.05	634.29	FUS



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	4803	FTMS; HCD	82.41	639.3	FUS



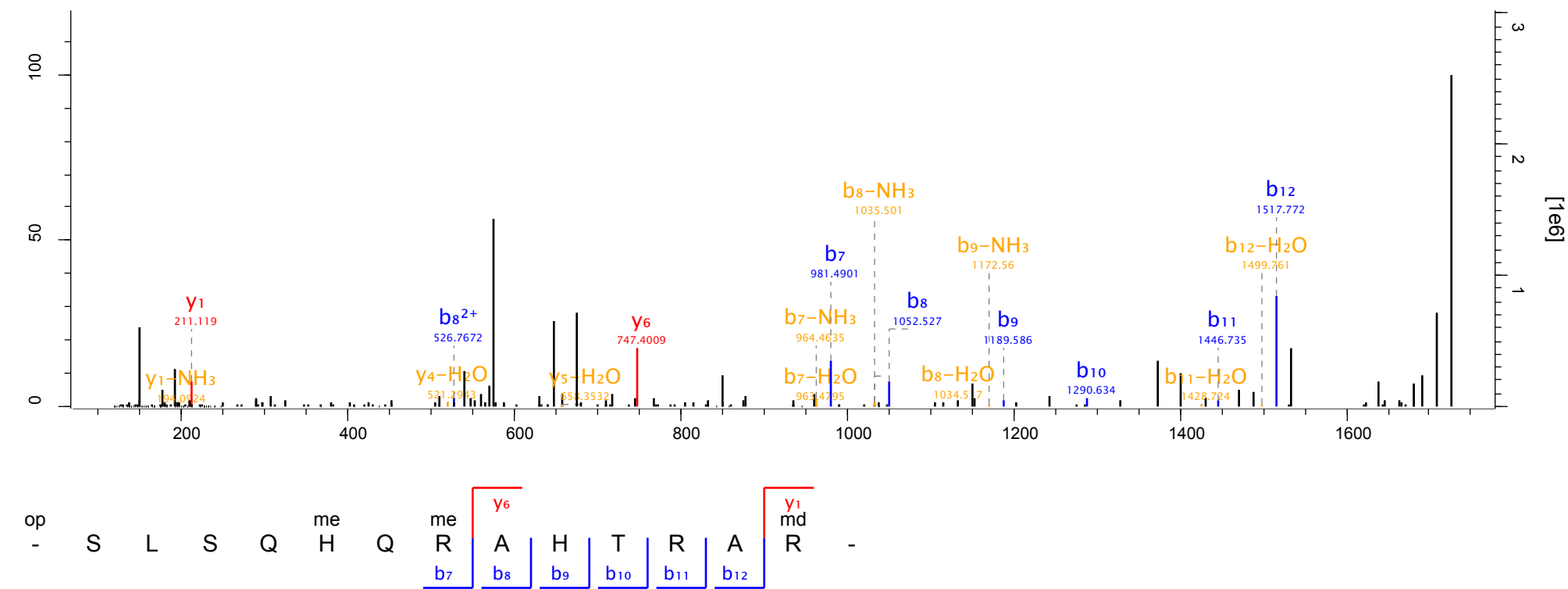
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	4827	FTMS; HCD	81.81	479.72	FUS



Raw file

Scan	Method	Score	m/z	Gene names
4968	FTMS; HCD	56.96	576.97	ZNF672

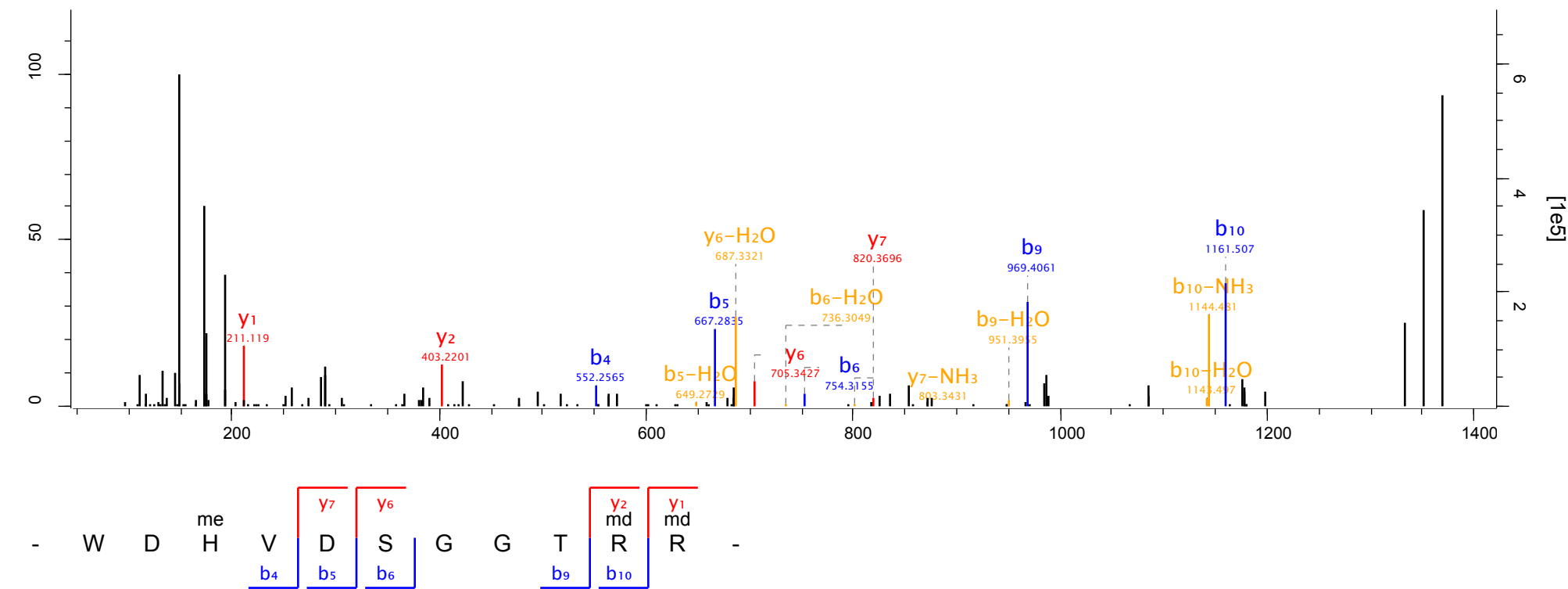
Zhibin_20150902_MDAOPA_SCX_200mM



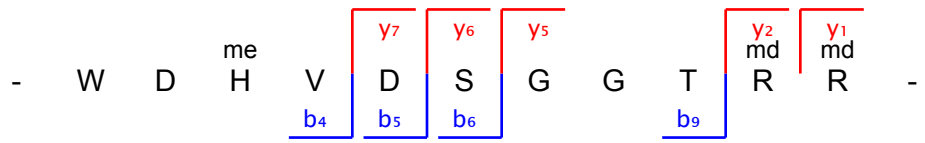
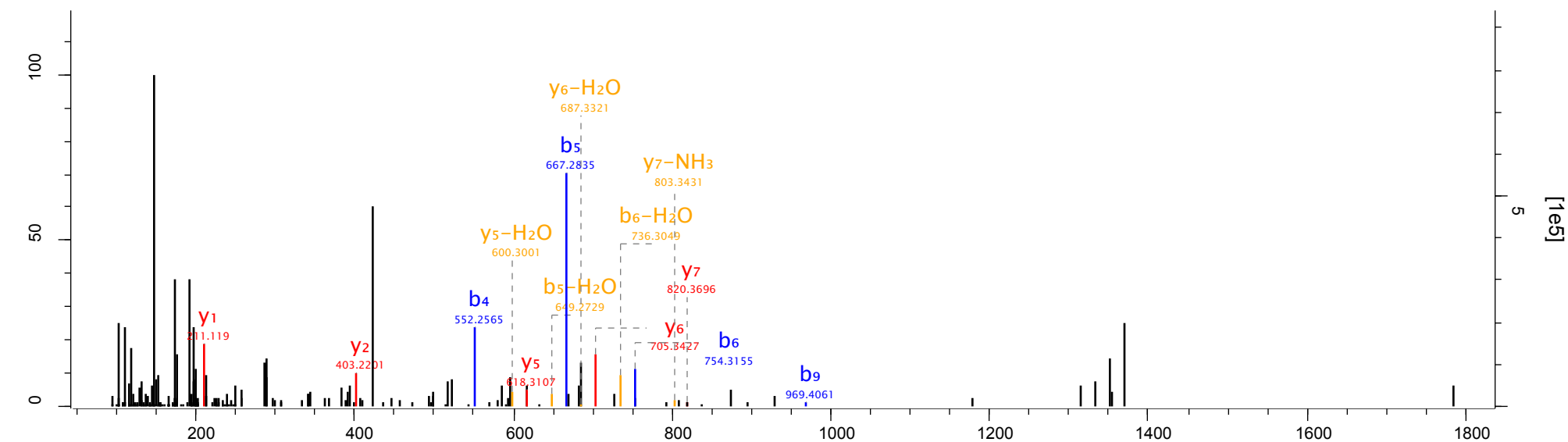
Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

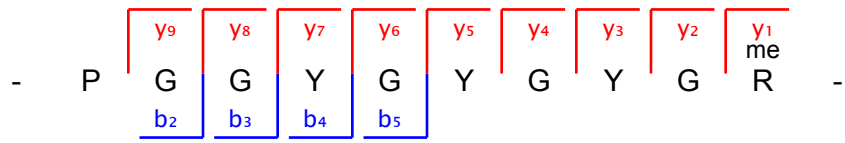
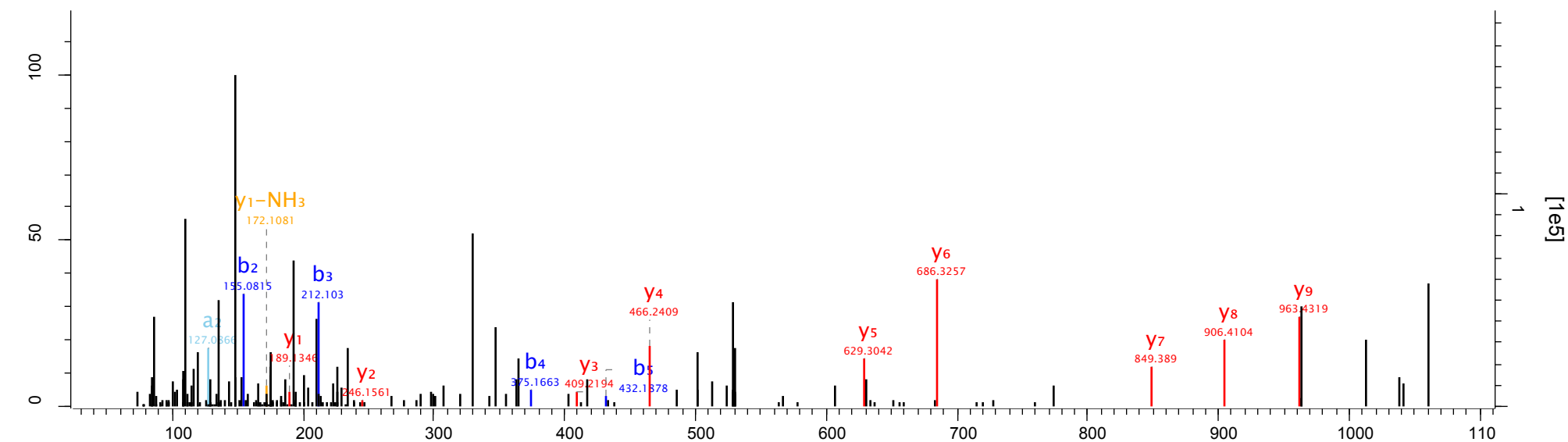
Scan	Method	Score	m/z	Gene names
5037	FTMS; HCD	72.2	686.31	C6orf47



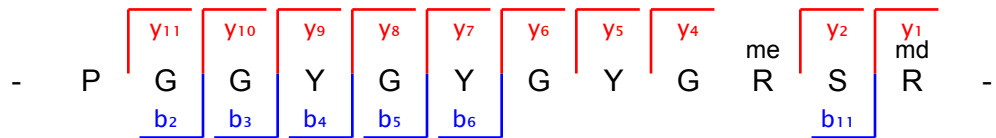
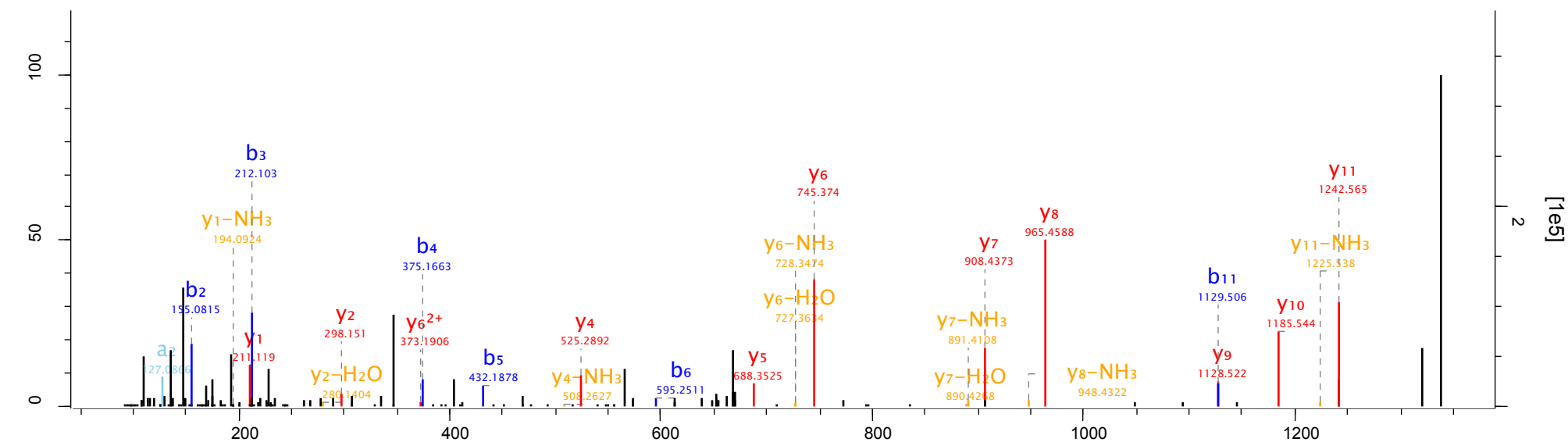
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	5038	FTMS; HCD	49.78	457.88	C6orf47



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	5044	FTMS; HCD	50.03	530.75	RBM3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	5402	FTMS; HCD	120.57	670.31	RBM3



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_200mM

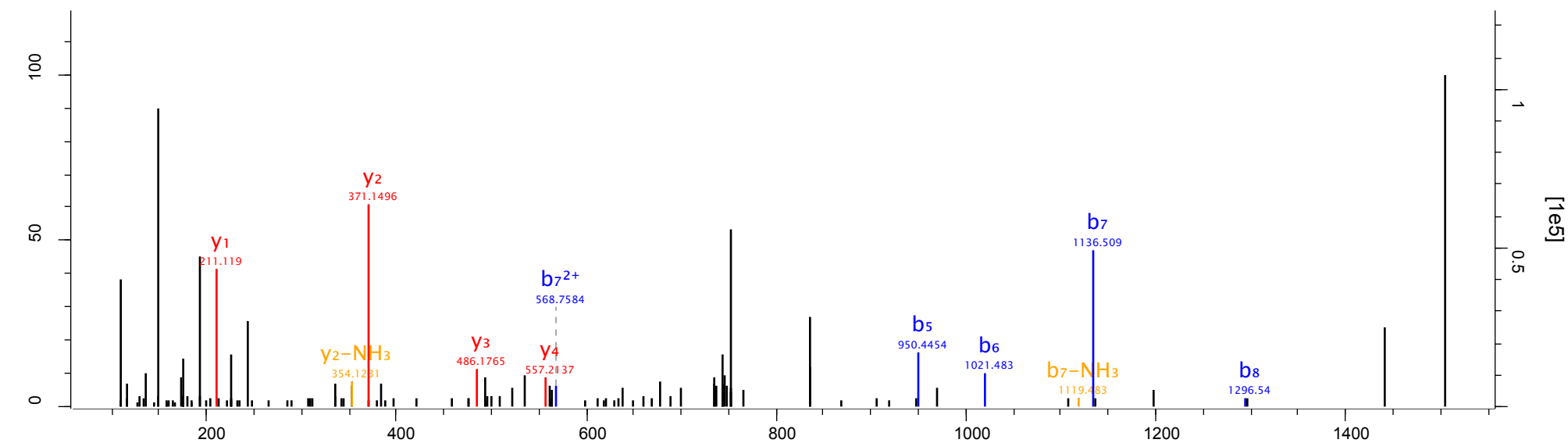
5526

FTMS; HCD

63.22

753.83

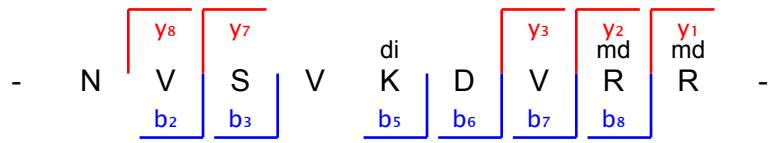
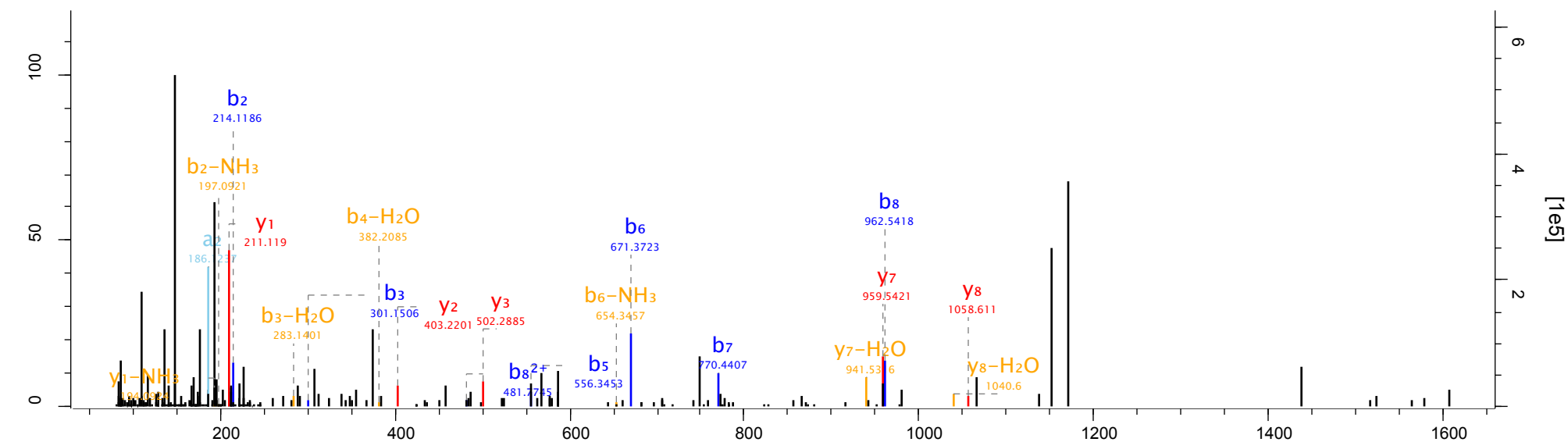
MECOM;PRDM16



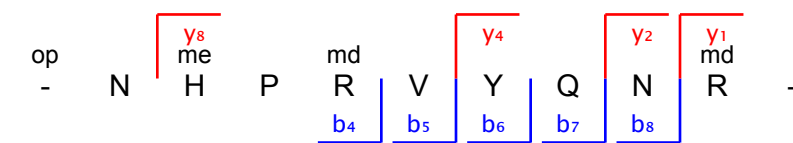
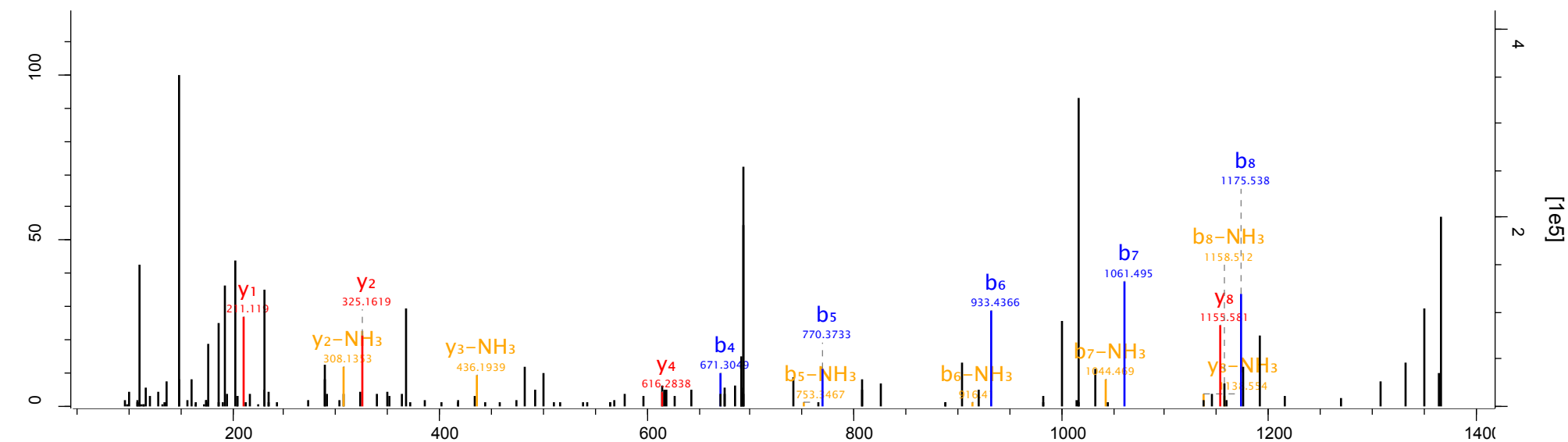
op me op me
- H K R M

H A D C md
b₅ b₆ b₇ b₈ R -

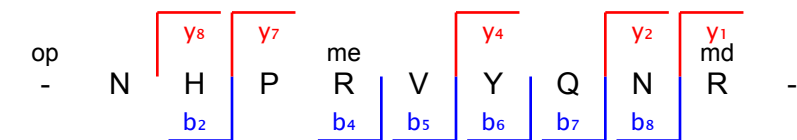
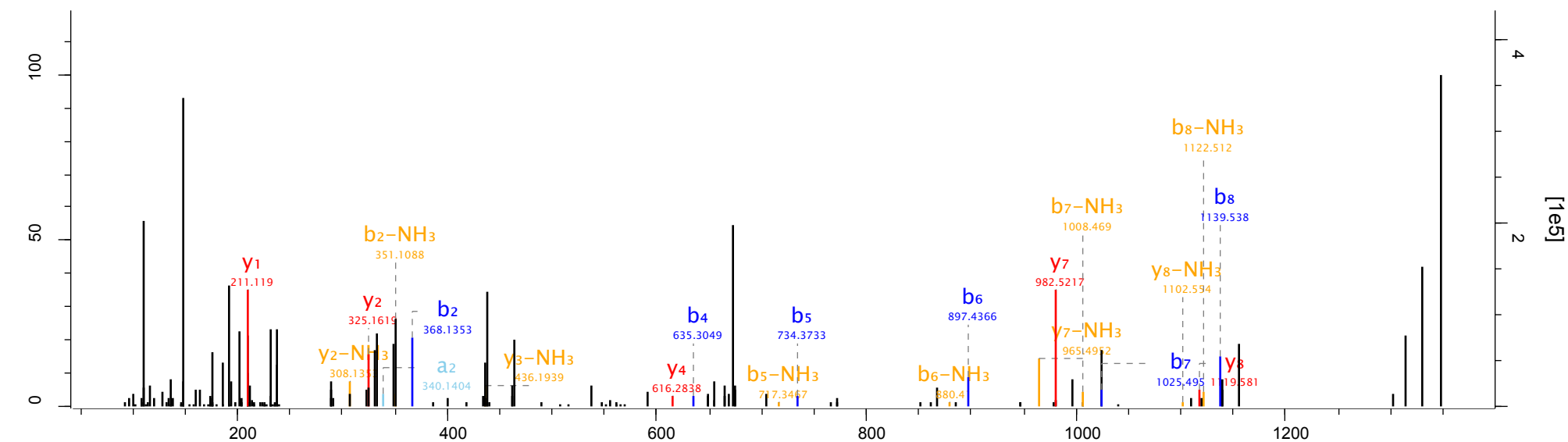
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	5571	FTMS; HCD	65.63	586.83	EEF1A1;EEF1A1P5



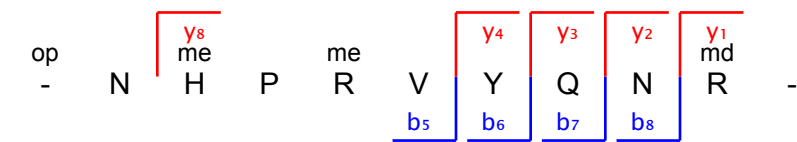
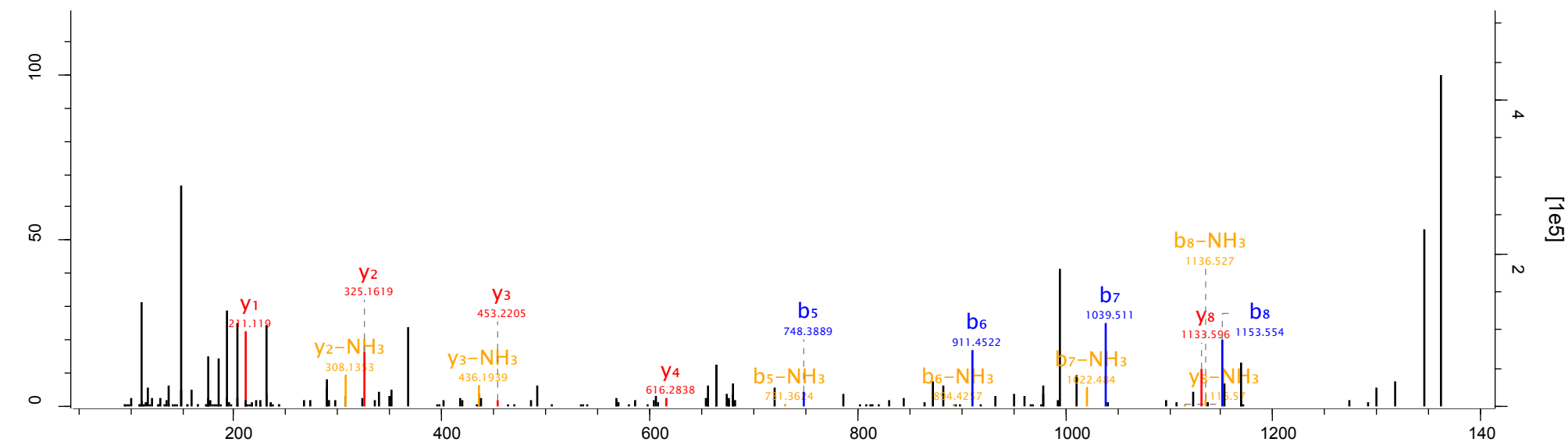
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	5632	FTMS; HCD	91.07	693.33	THRAP3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	5650	FTMS; HCD	99.7	675.33	THRAP3



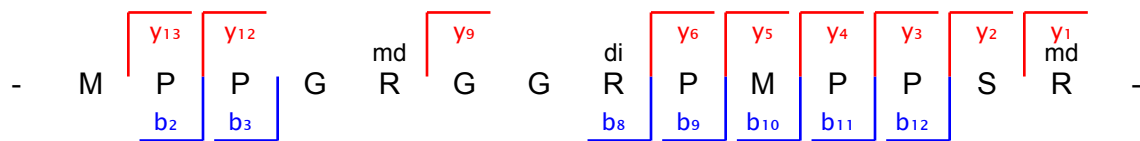
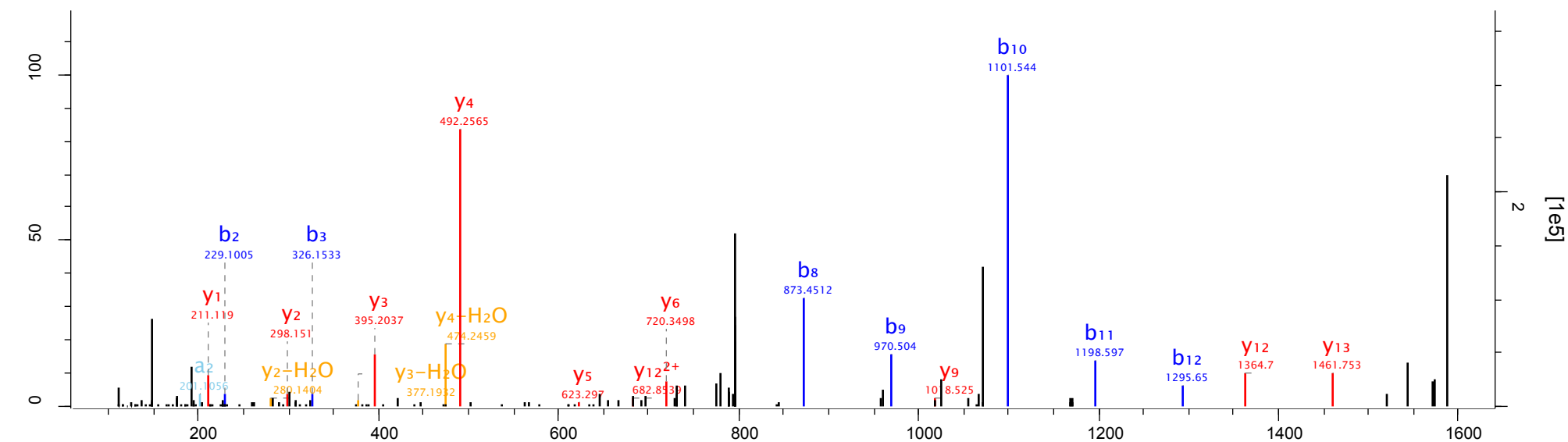
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Zhibin_20150902_MDAOPA_SCX_200mM	5654	FTMS; HCD	72.23	682.34	THRAP3



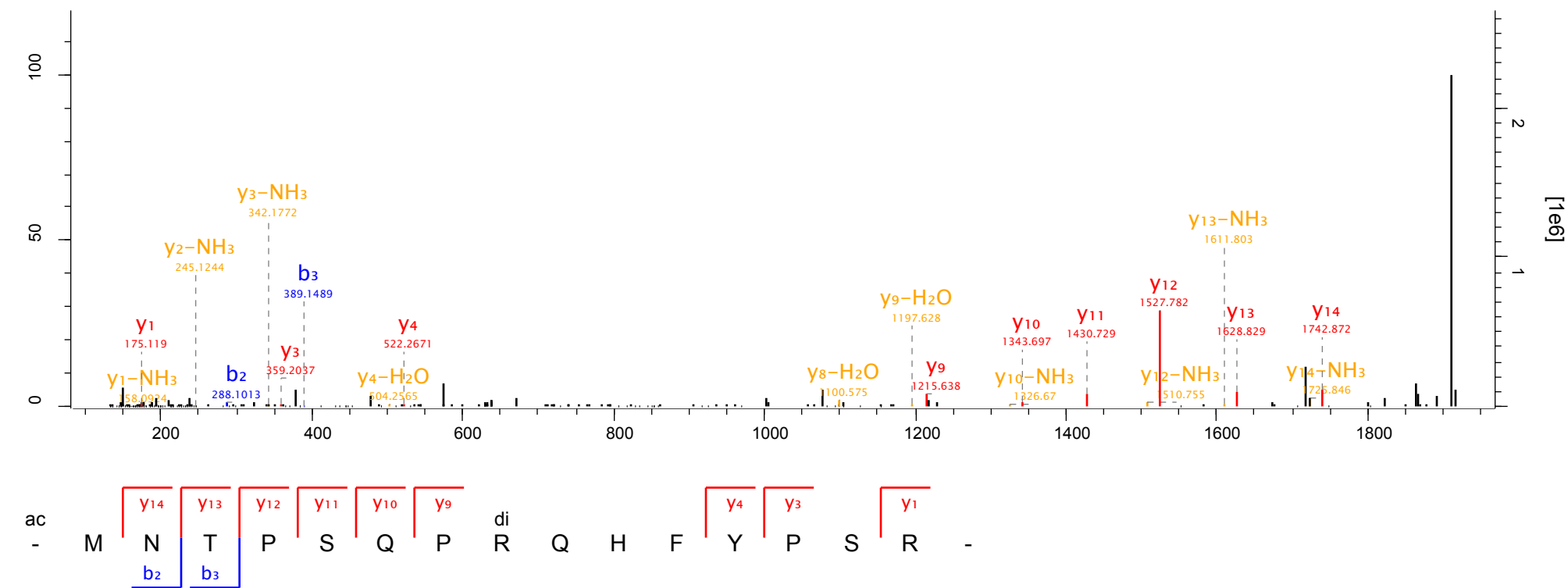
Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

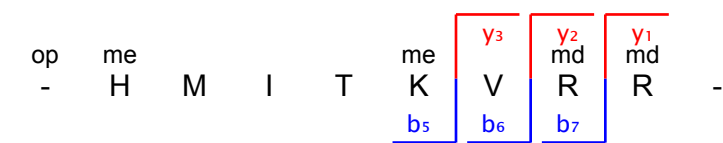
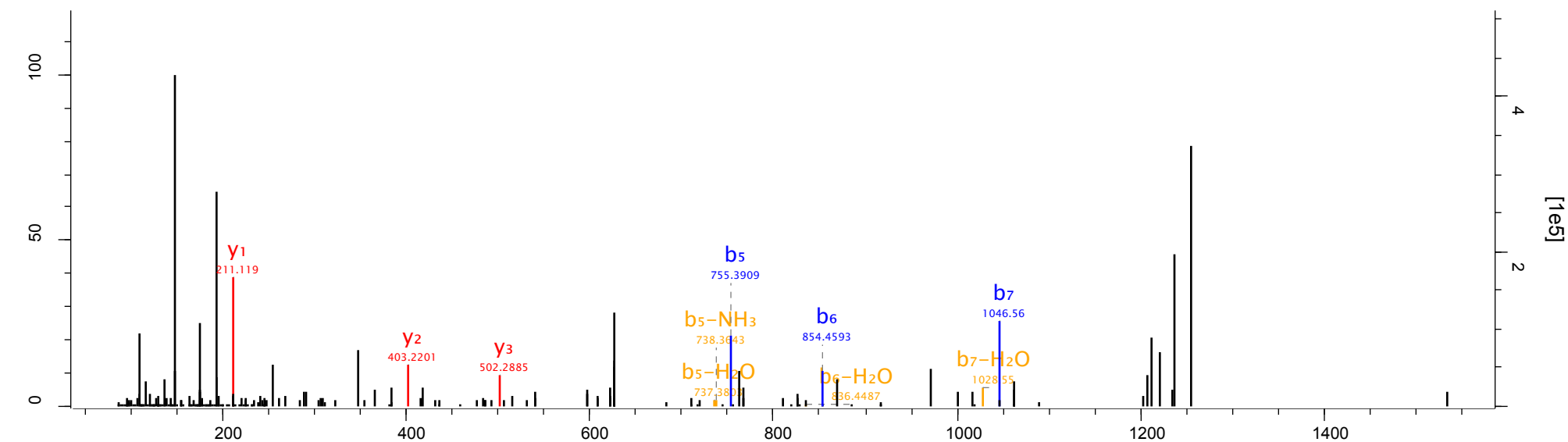
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5966	FTMS; HCD	116.19	796.9	HNRNPK



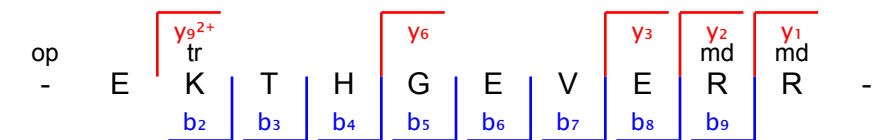
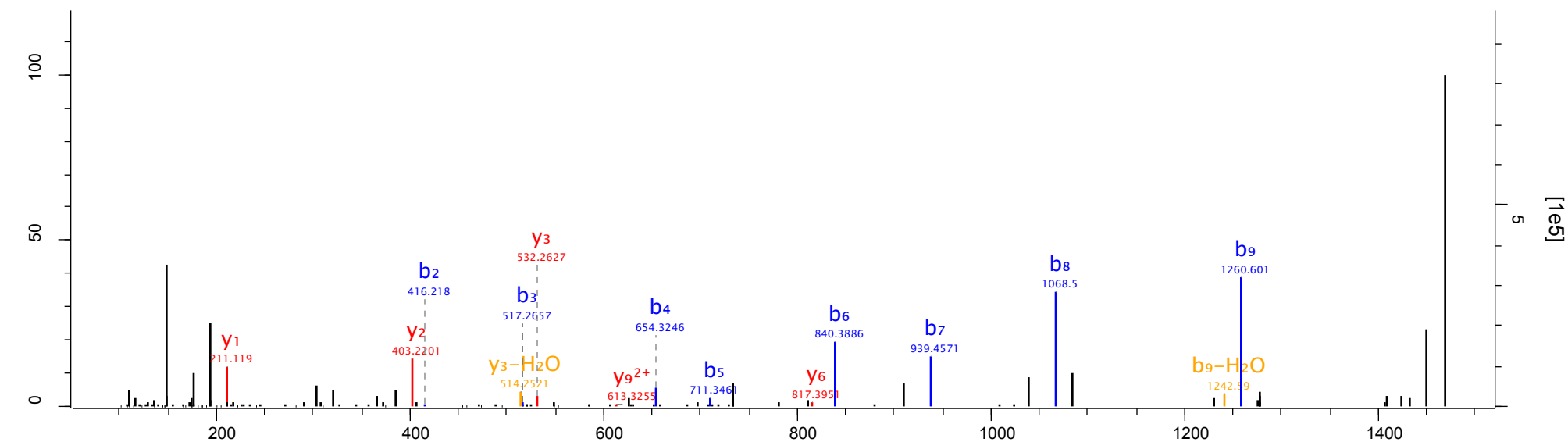
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	6112	FTMS; HCD	69.26	639.31	EIF4G1



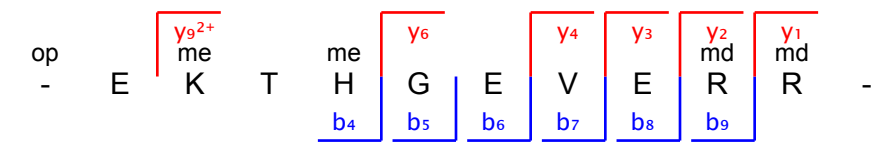
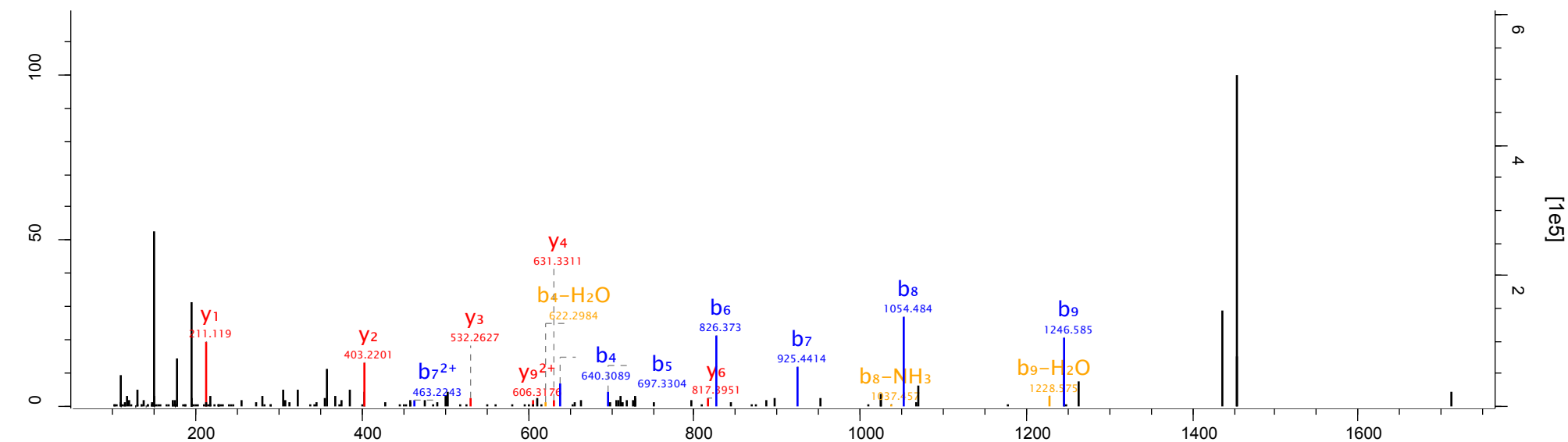
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Zhibin_20150902_MDAOPA_SCX_200mM	6152	FTMS; HCD	45.97	628.84	HECW2



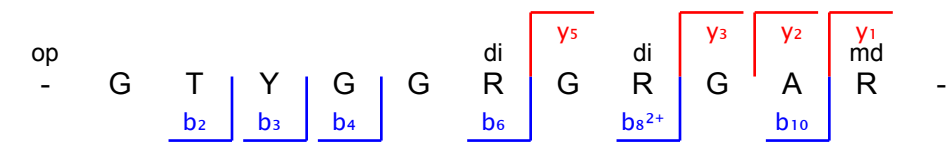
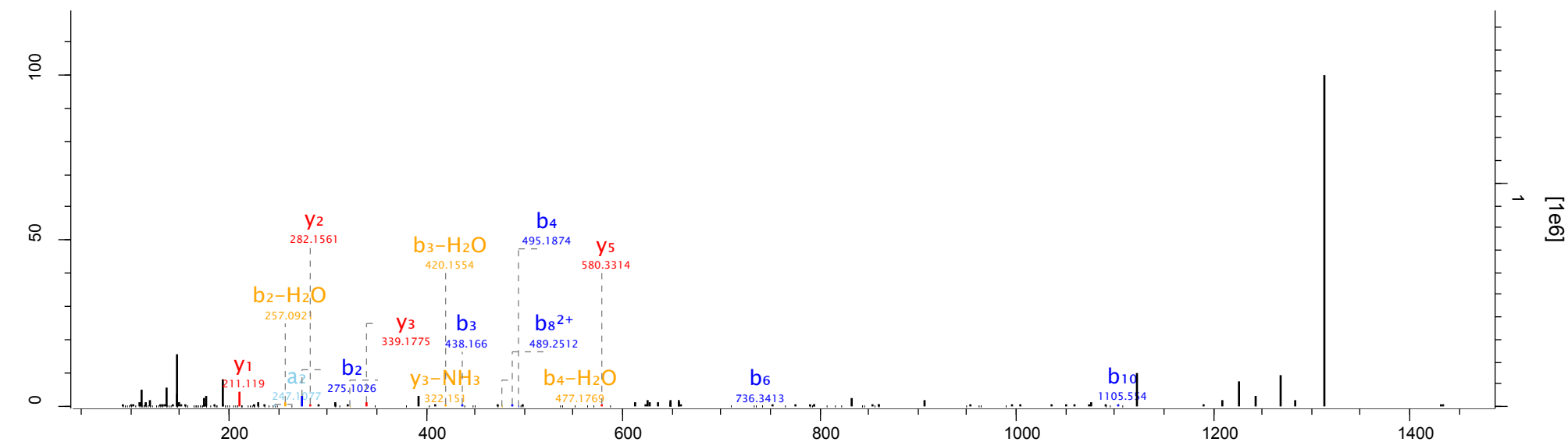
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	6225	FTMS; HCD	74.61	735.86	VCP



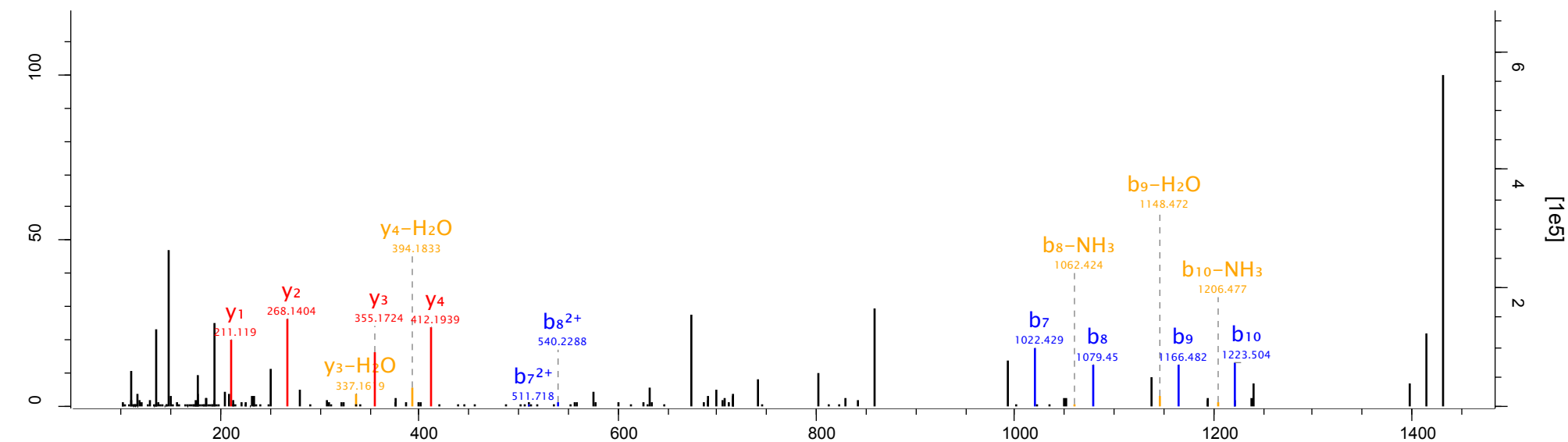
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	6271	FTMS; HCD	84.51	728.85	VCP



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	6312	FTMS; HCD	55.81	658.34	PRRC2A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	6348	FTMS; HCD	60.26	717.31	USHBP1

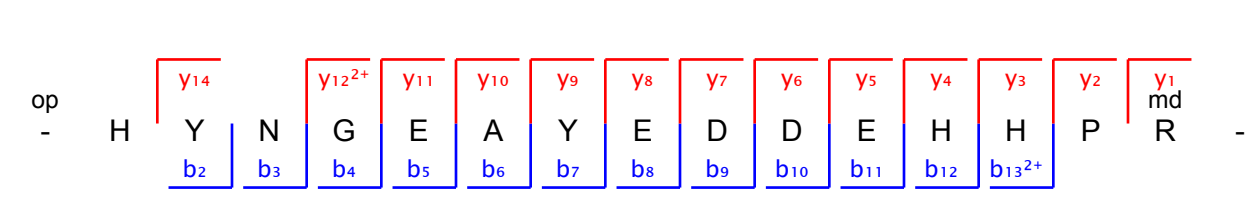
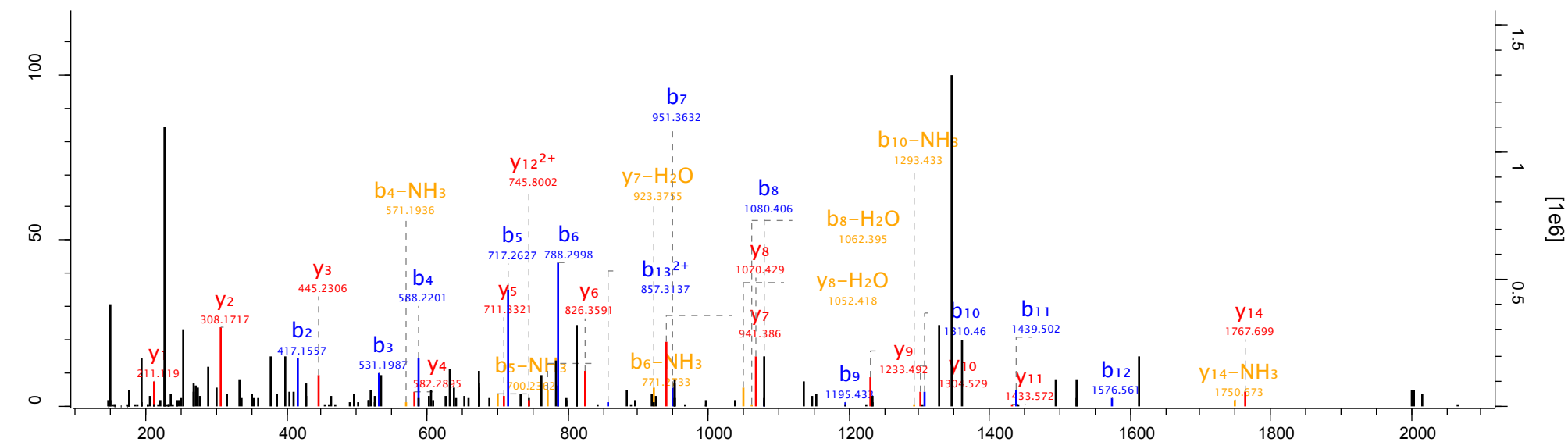


op
- T D op K me M D G

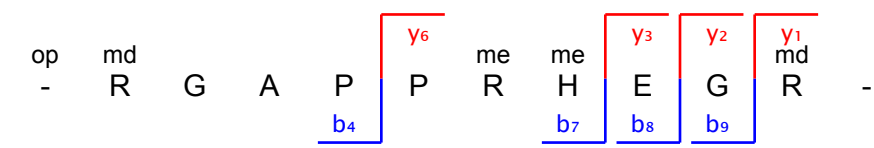
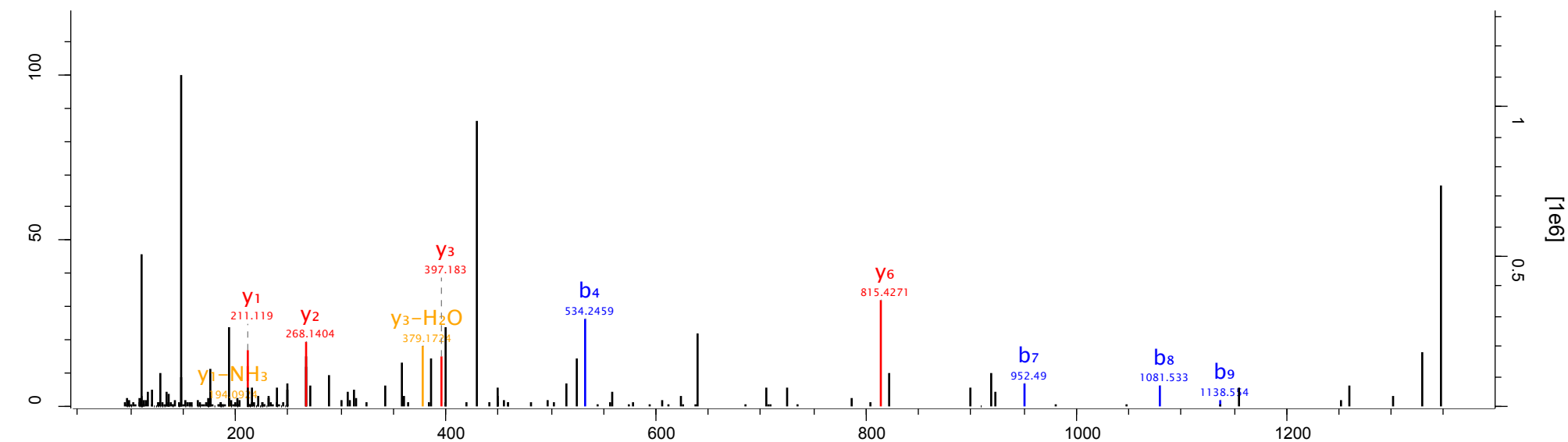
y4	y3	y2	y1
G	S	G	md
b7	b8	b9	b10
			R

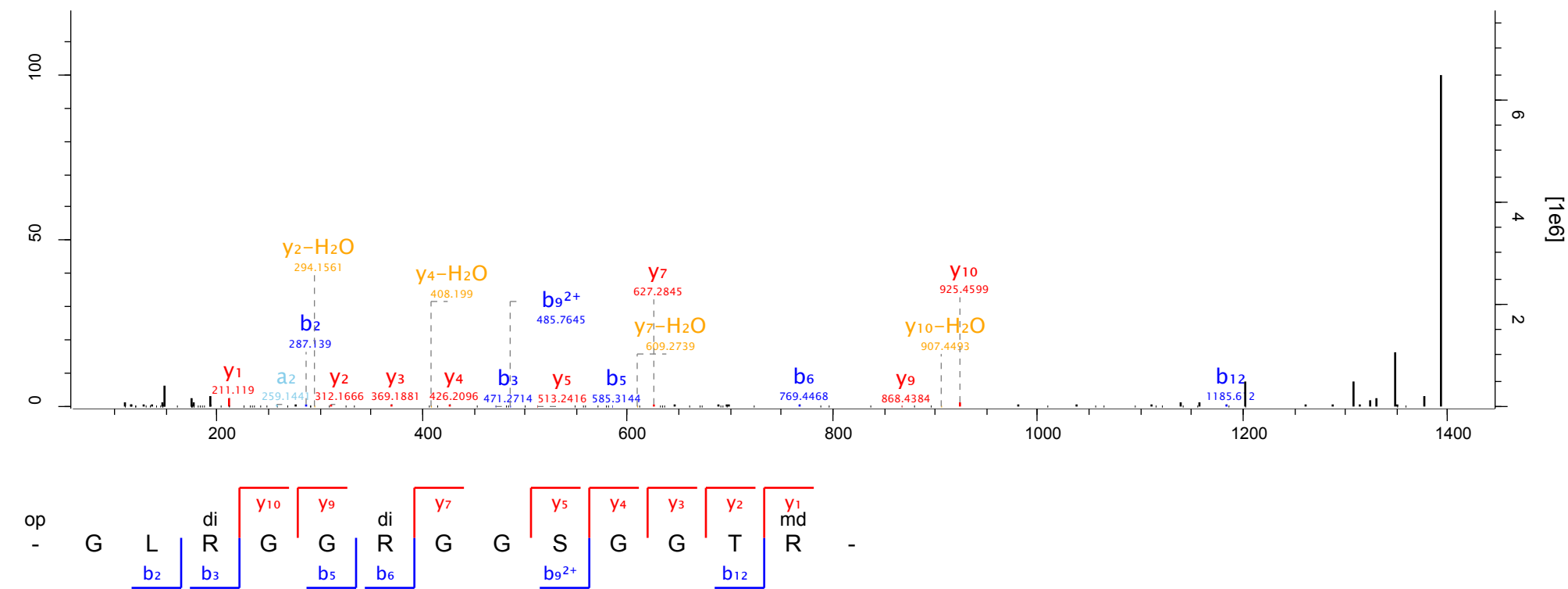
-

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	6419	FTMS; HCD	115.38	674.6	DNAJA1

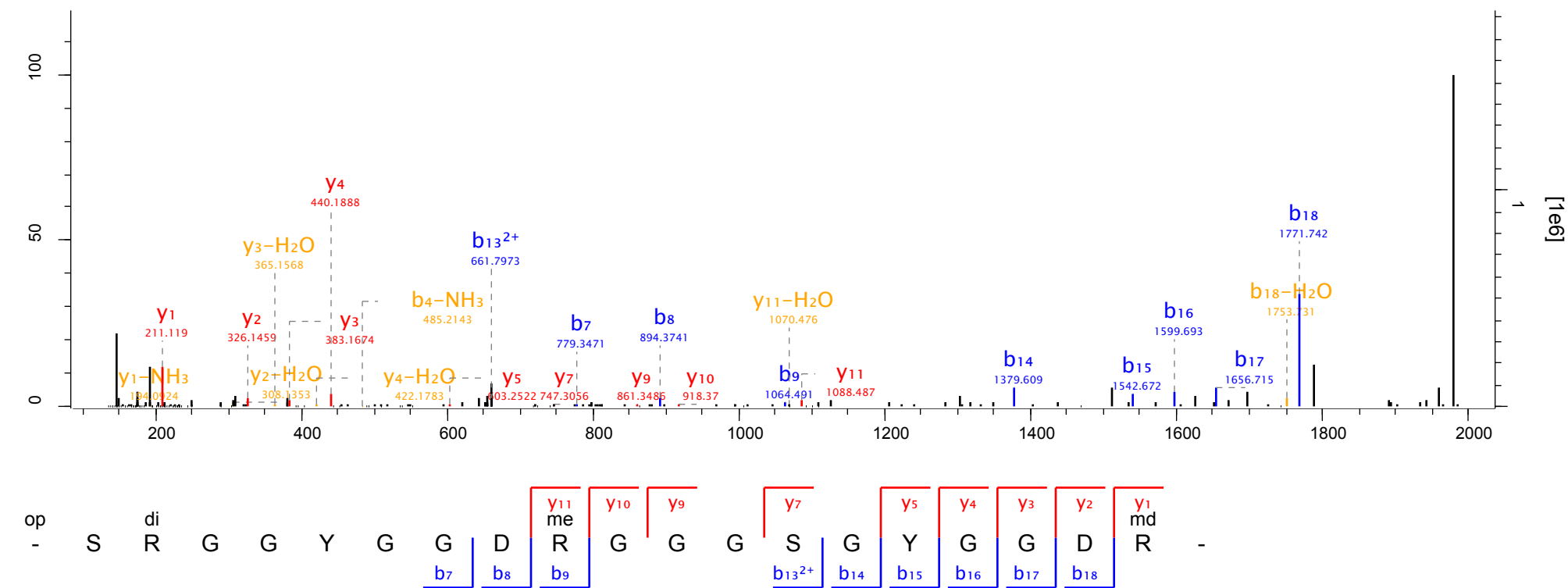


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	6435	FTMS; HCD	48.28	450.23	WDR33

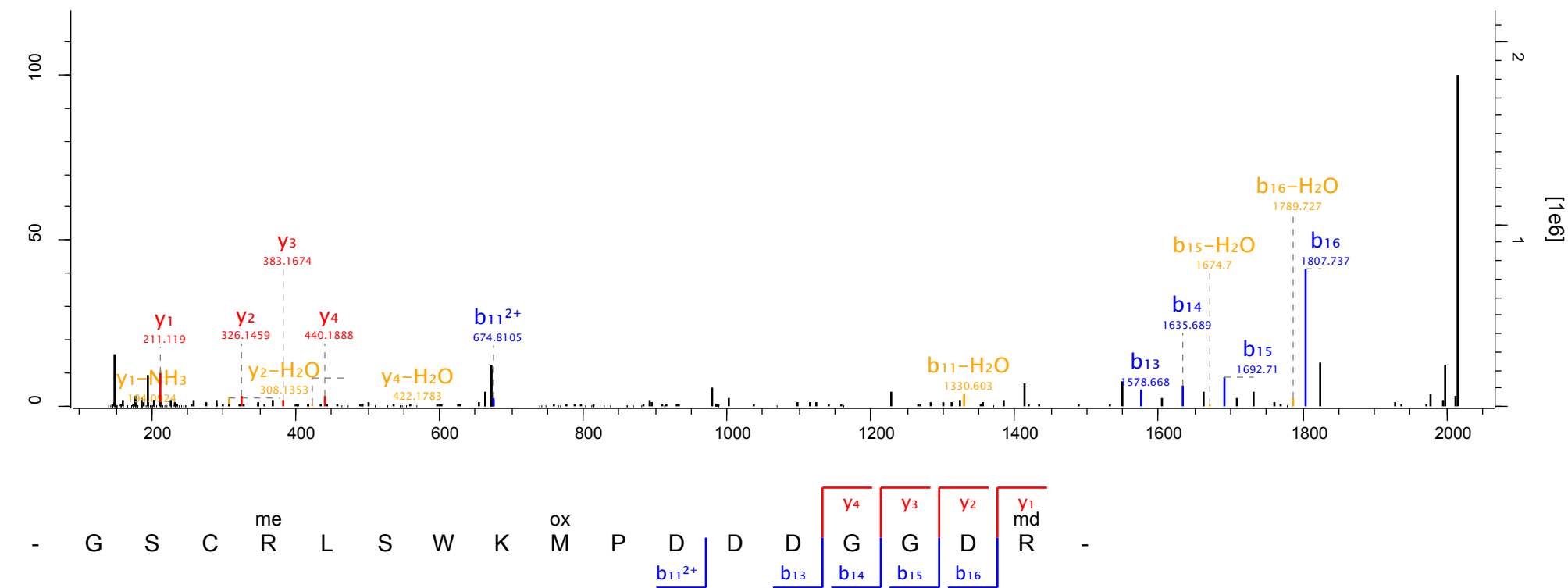




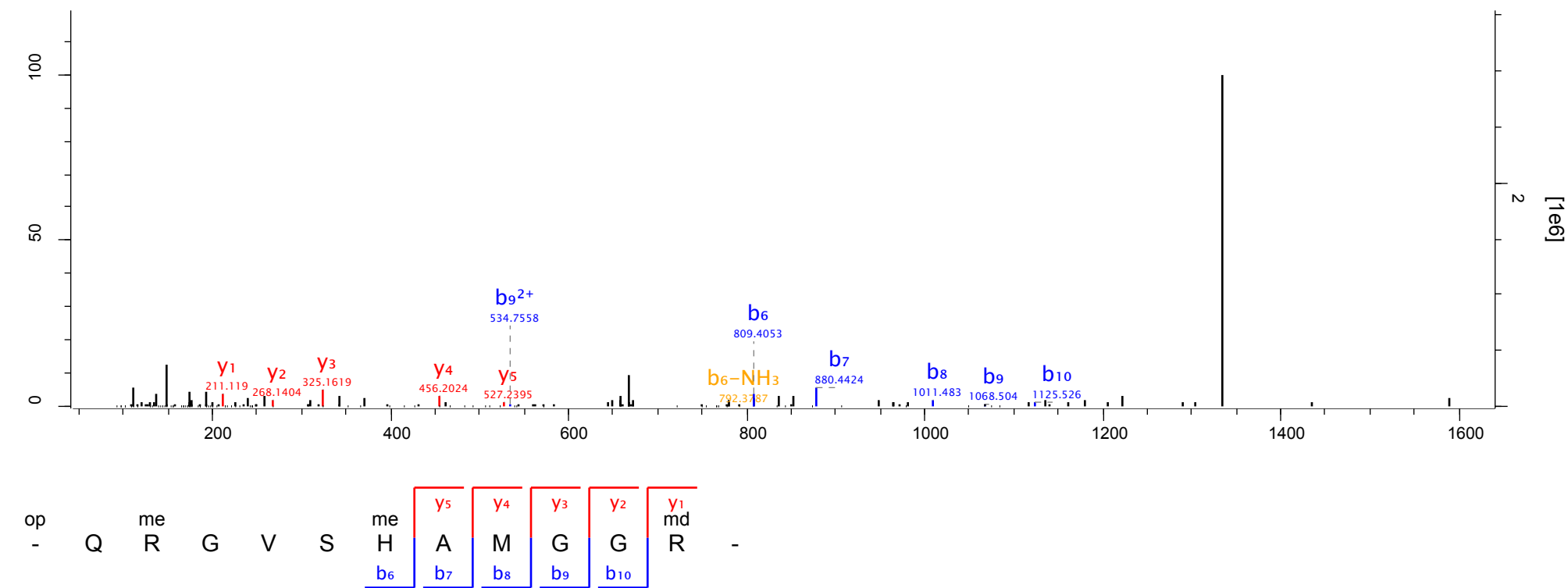
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	6639	FTMS; HCD	52.45	661.62	TAF15



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	6669	FTMS; HCD	40.49	673.62	TTN



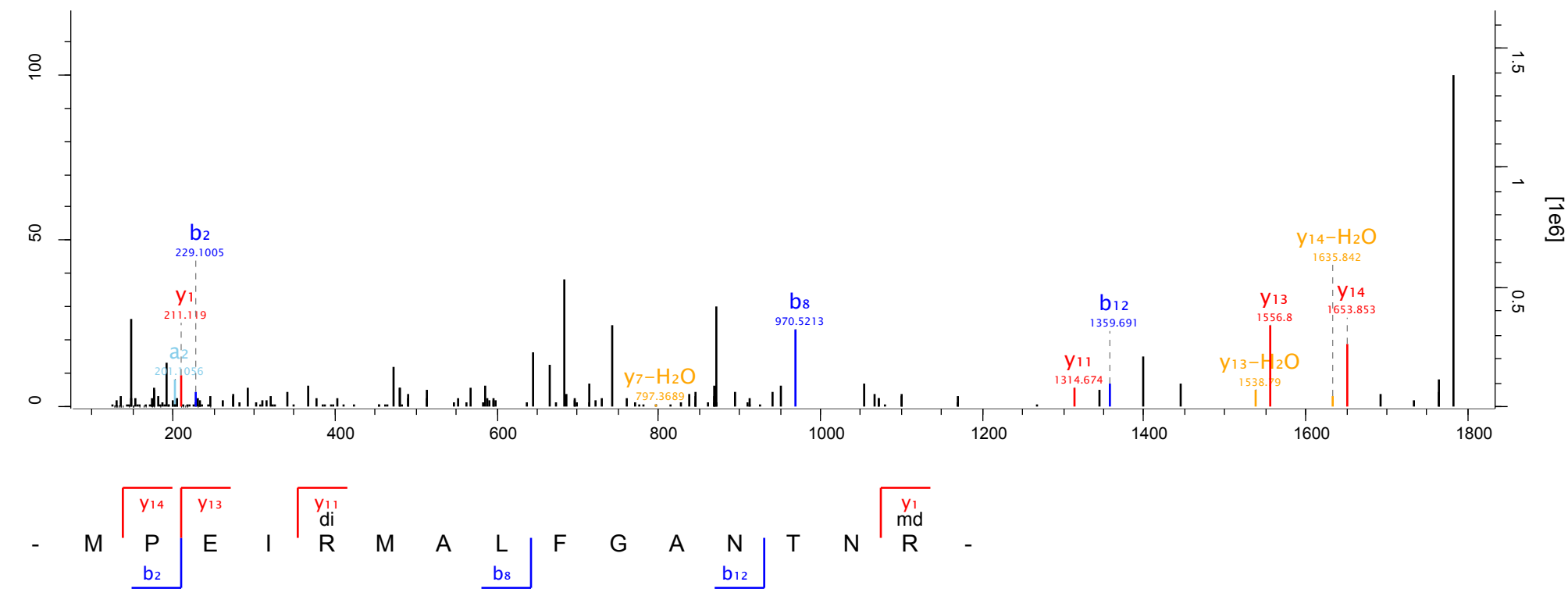
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Zhibin_20150902_MDAOPA_SCX_200mM	6727	FTMS; HCD	59.2	668.86	TPR



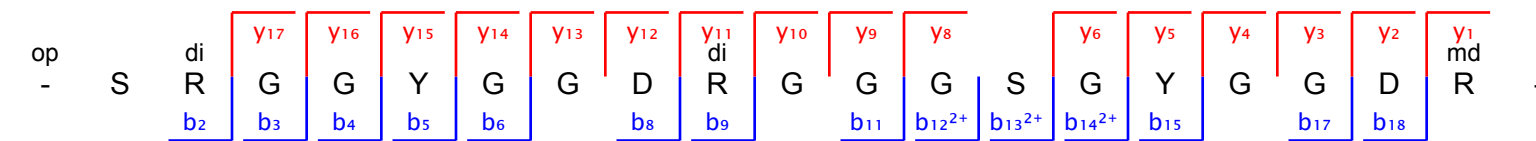
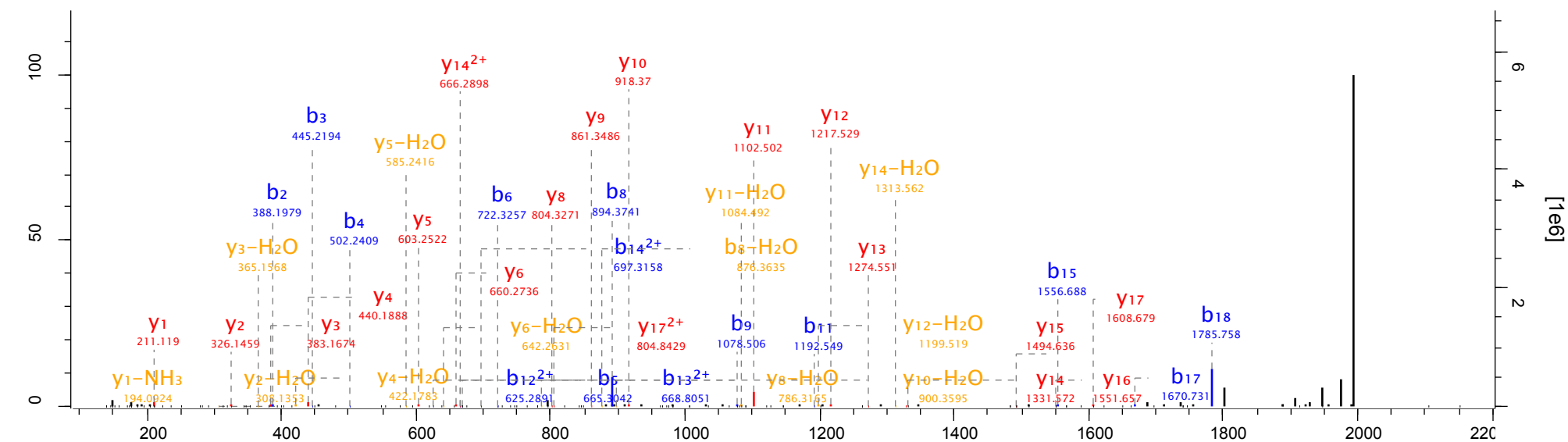
Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

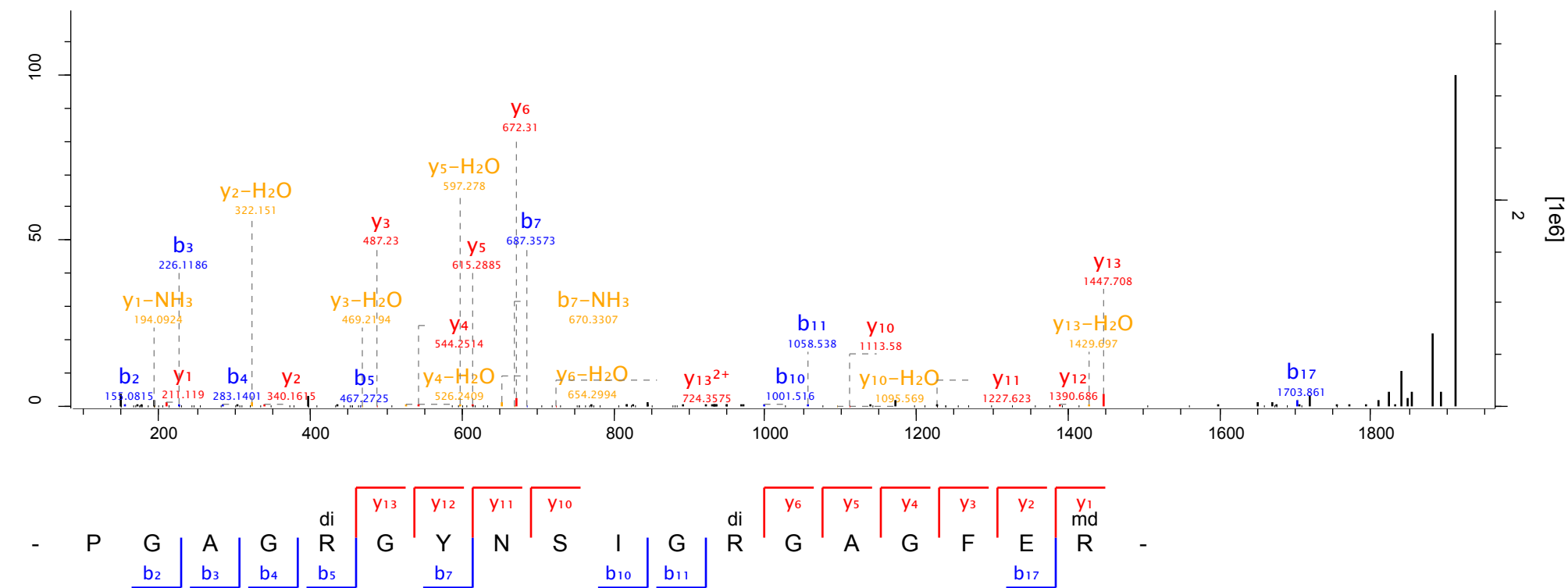
Scan	Method	Score	m/z	Gene names
6741	FTMS; HCD	40.94	595.97	ATP6V1E2



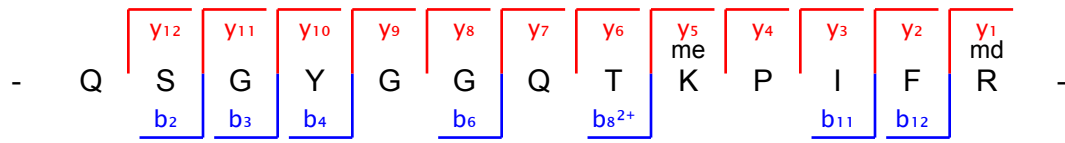
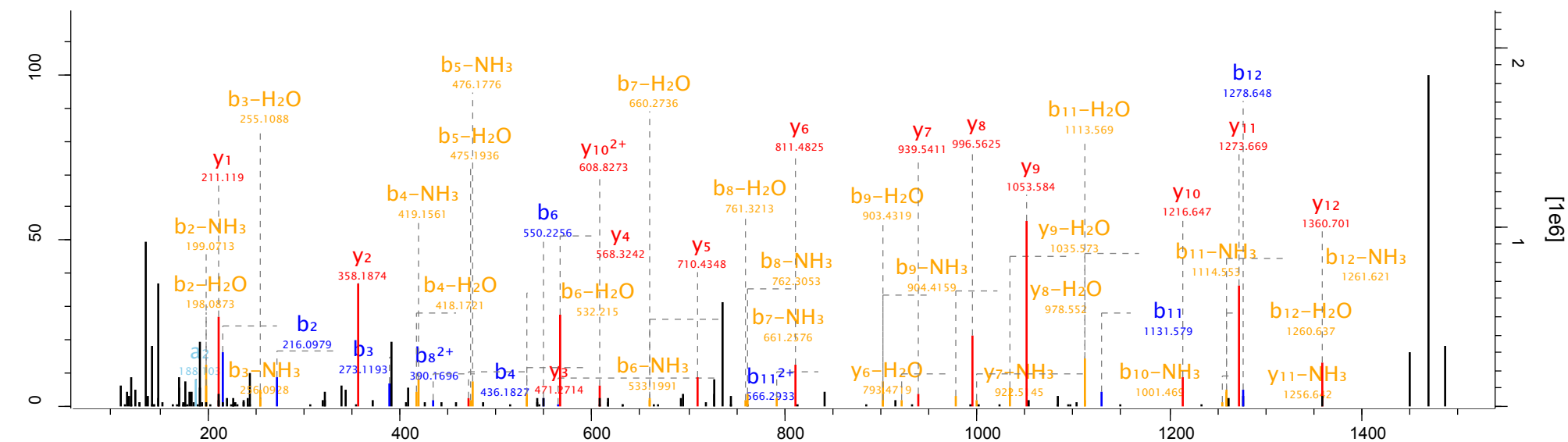
Raw file Scan Method Score m/z Gene names
 Zhibin_20150902_MDAOPA_SCX_200mM 6942 FTMS; HCD 145.73 998.94 TAF15



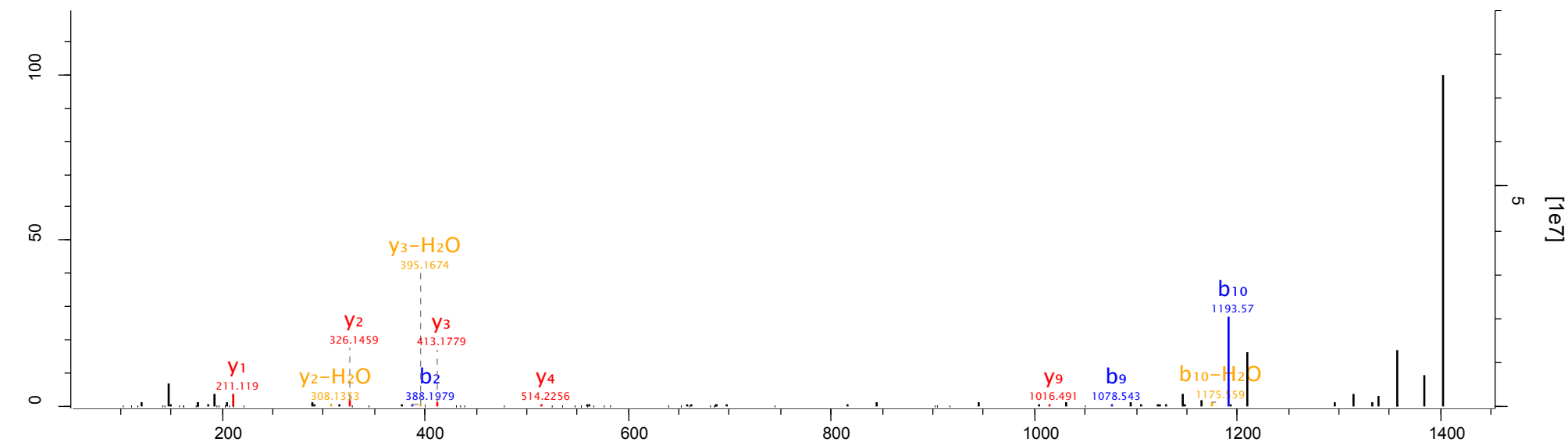
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	6952	FTMS; HCD	86.02	957.99	HNRNPH1;HNRNPH2



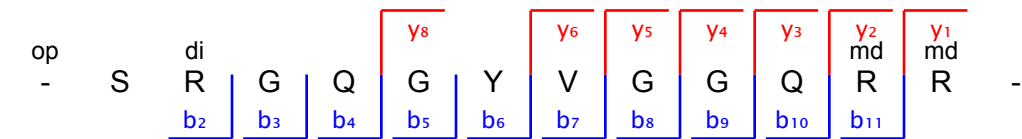
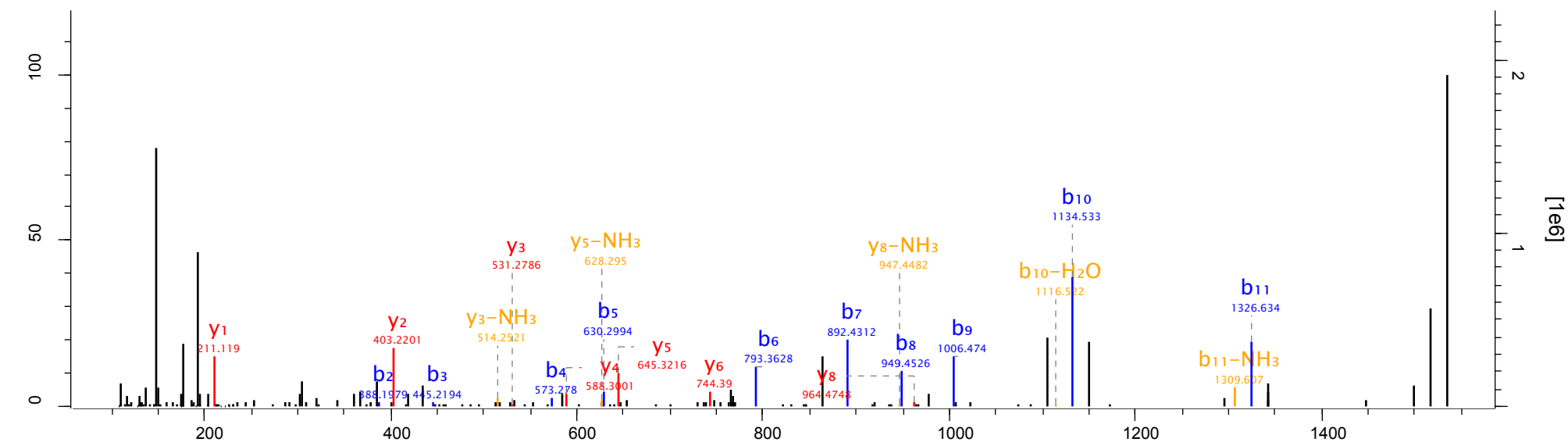
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	7232	FTMS; HCD	202.92	744.88	RPL36AL;RPL36A;RPL36A-HNRNPH2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	7380	FTMS; HCD	49.93	702.34	CNBP



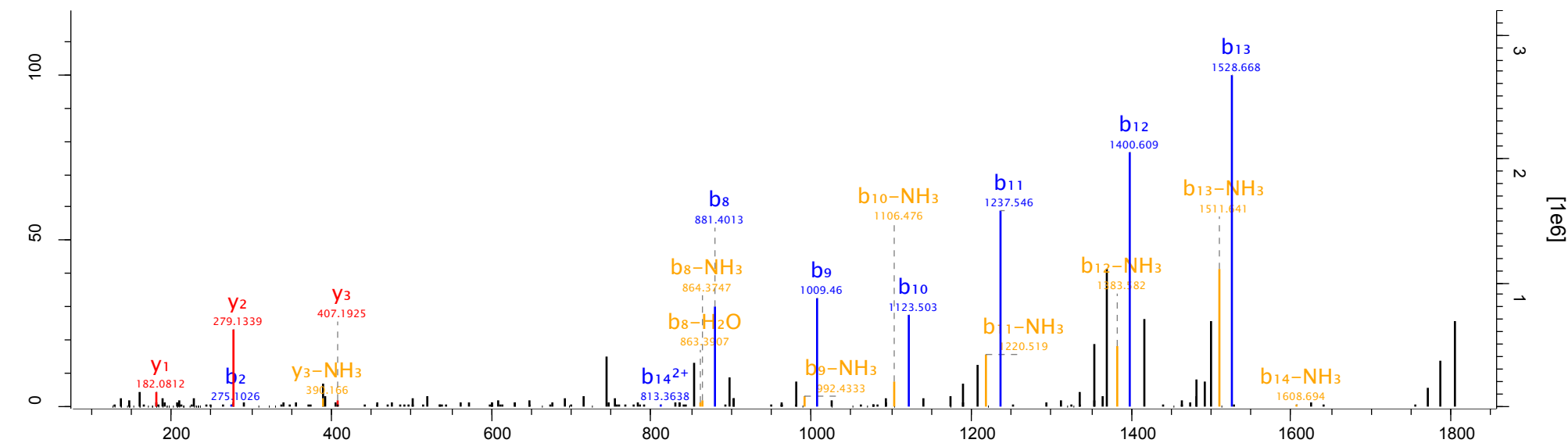
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	7604	FTMS; HCD	92.04	768.88	HNRNPUL2;HNRNPUL2-BSCL2



Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

Scan	Method	Score	m/z	Gene names
7681	FTMS; HCD	79.87	904.4	HNRNPDL



op
- A S R G G G N H Q N N Y Q P Y -

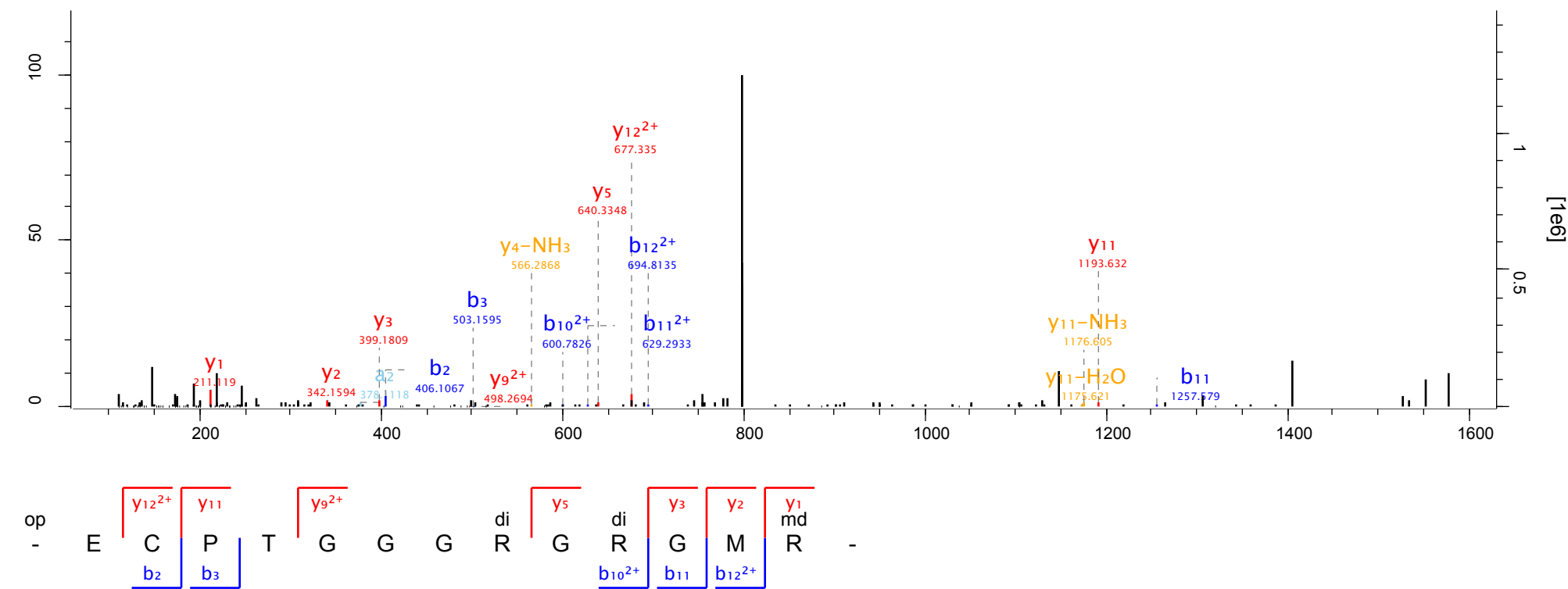
me me

b2 b8 b9 b10 b11 b12 b13 b14²⁺

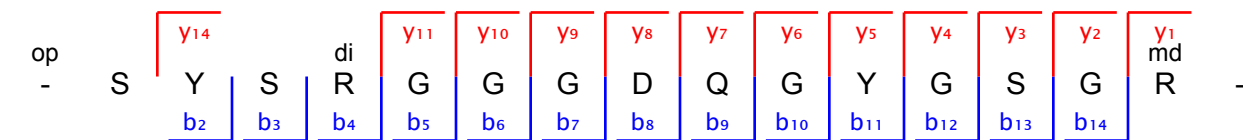
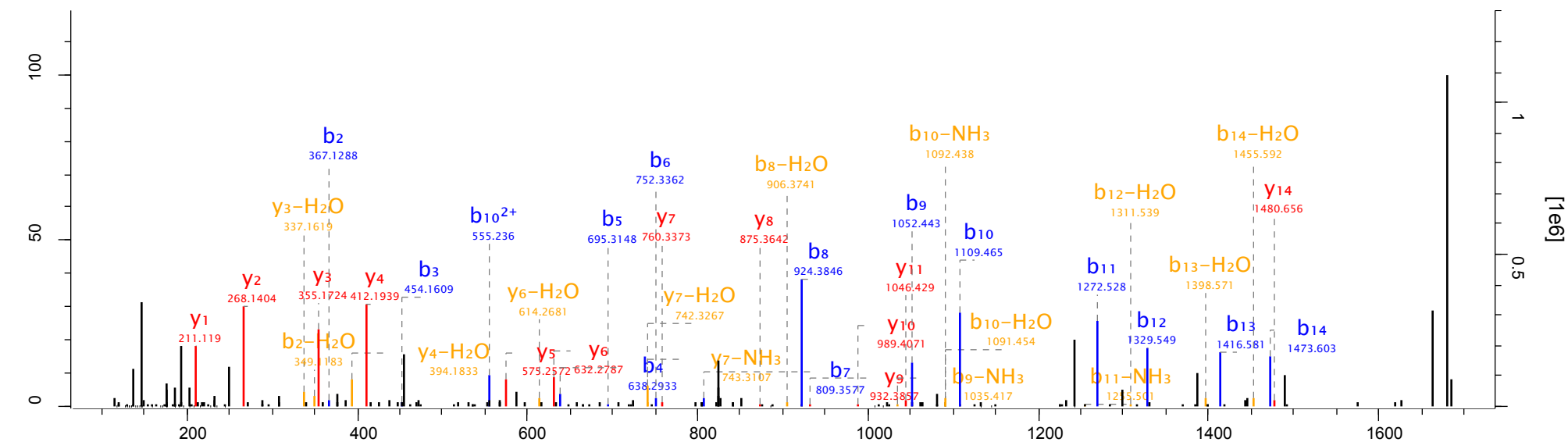
y3 y2 y1

Gene names

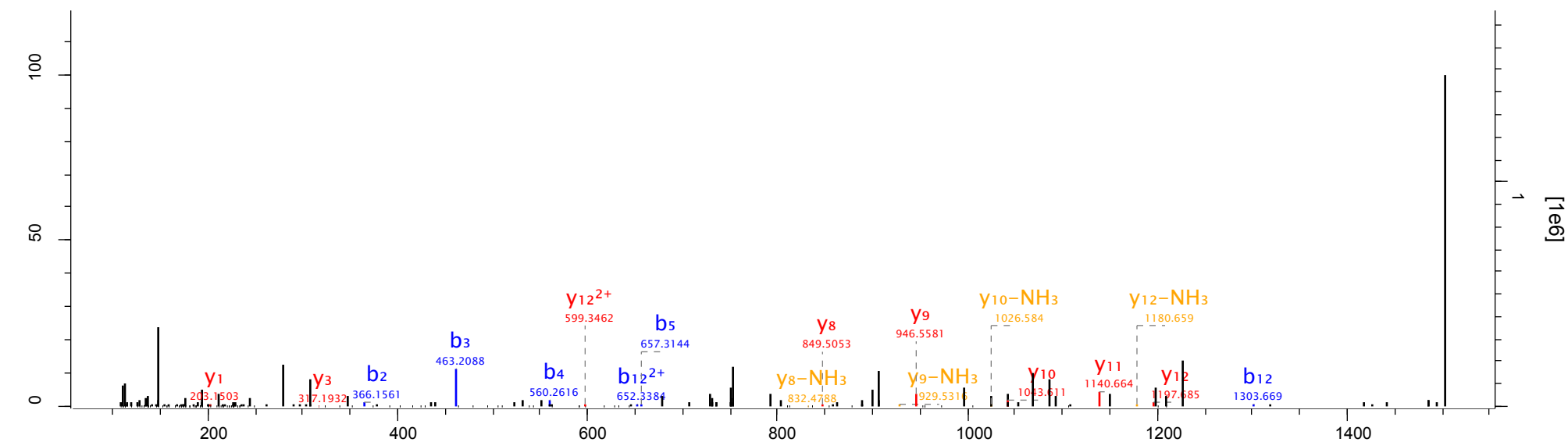
CNBP



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	7788	FTMS; HCD	166.9	842.86	RBM3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	7858	FTMS; HCD	42.46	753.41	HNRNPK

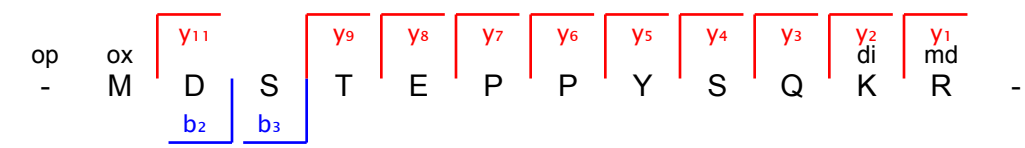
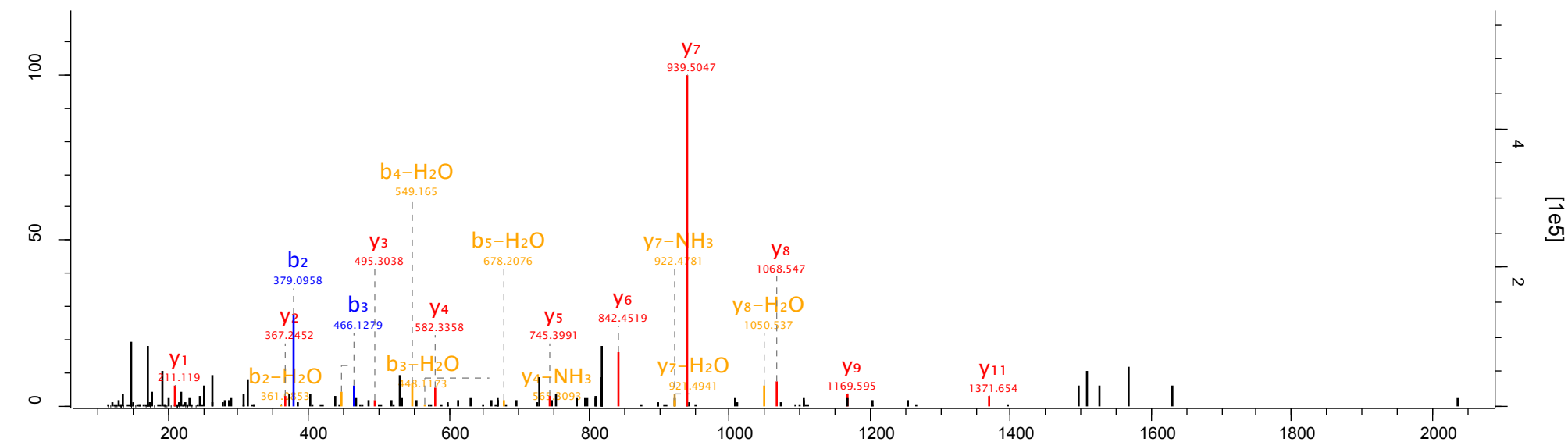


op md - R G P P P P P G di R G G di R -

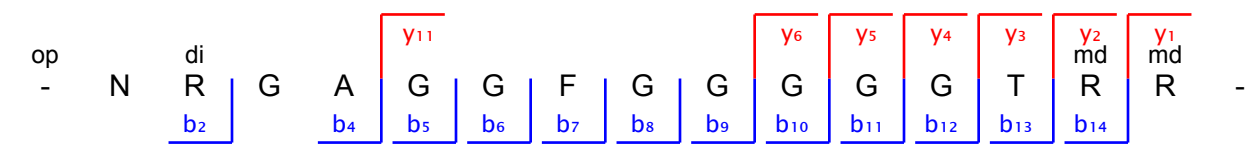
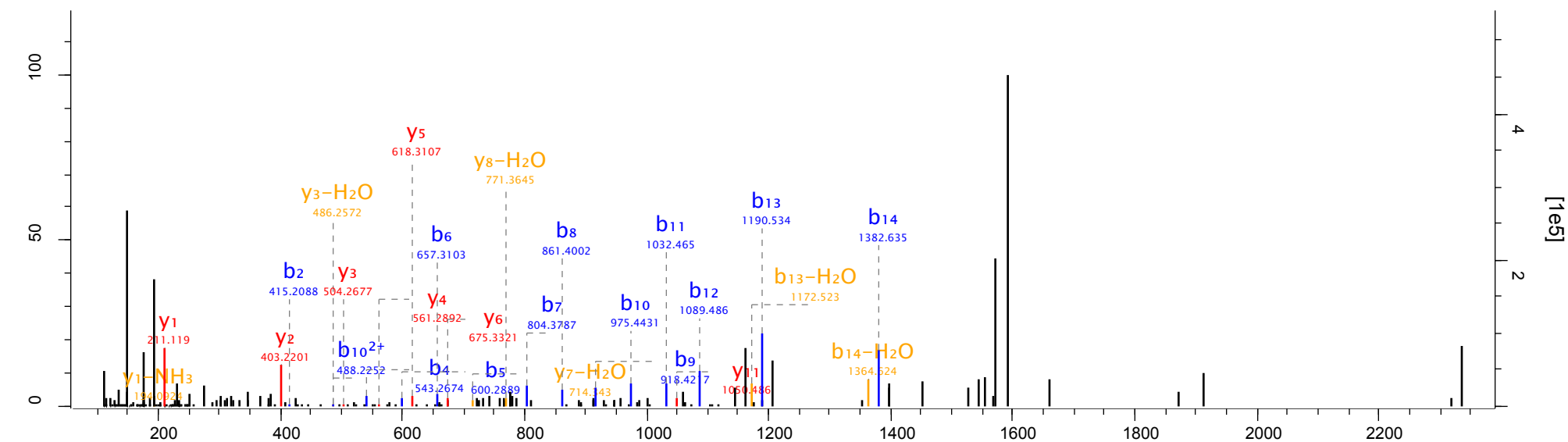
Fragment ion labels (b and y) are shown above and below the corresponding amino acid residues:

- b₂ (G)
- b₃ (P)
- b₄ (P)
- b₅ (P)
- y₁ (di R)
- y₃ (G)
- y₈ (P)
- y₉ (P)
- y₁₀ (P)
- y₁₁ (P)
- y₁₂ (G)

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	8058	FTMS; HCD	75.09	817.86	EEF1A1;EEF1A1P5



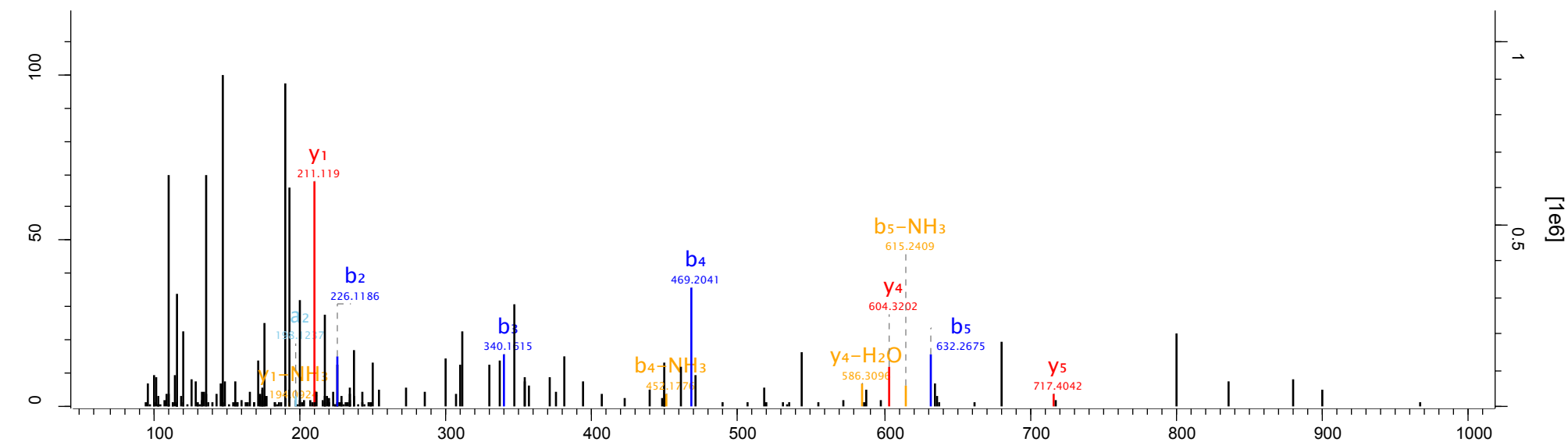
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	8308	FTMS; HCD	94.49	796.88	ALYREF



Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

Scan	Method	Score	m/z	Gene names
8862	FTMS; HCD	41.7	450.23	NSA2



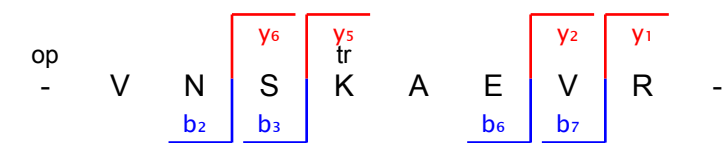
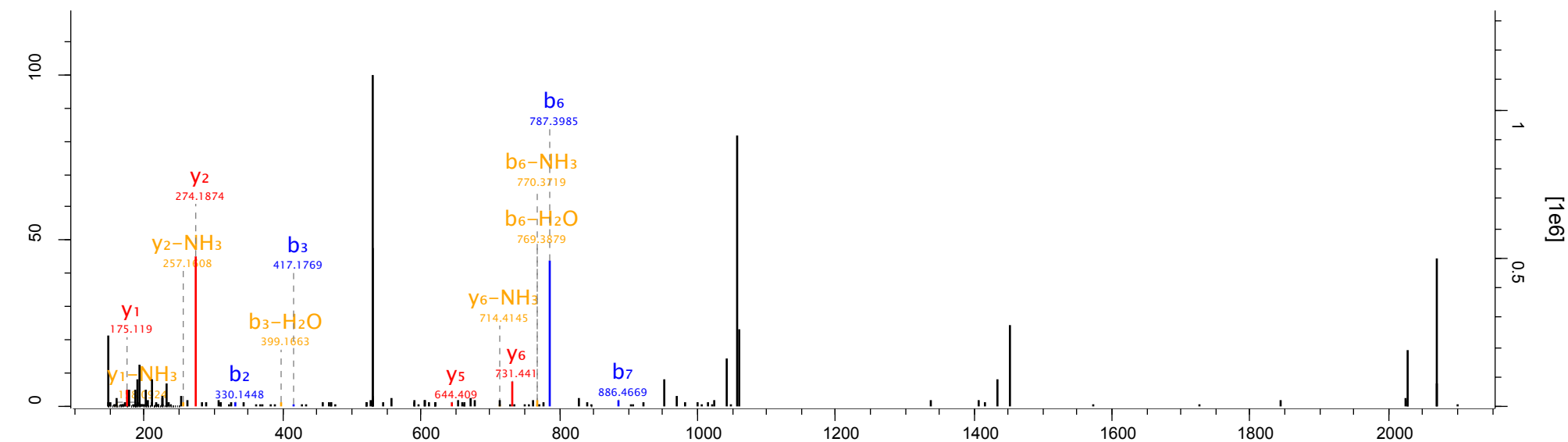
- P Q N E Y I E L H R -

Peptide sequence: P Q N E Y I E L H R

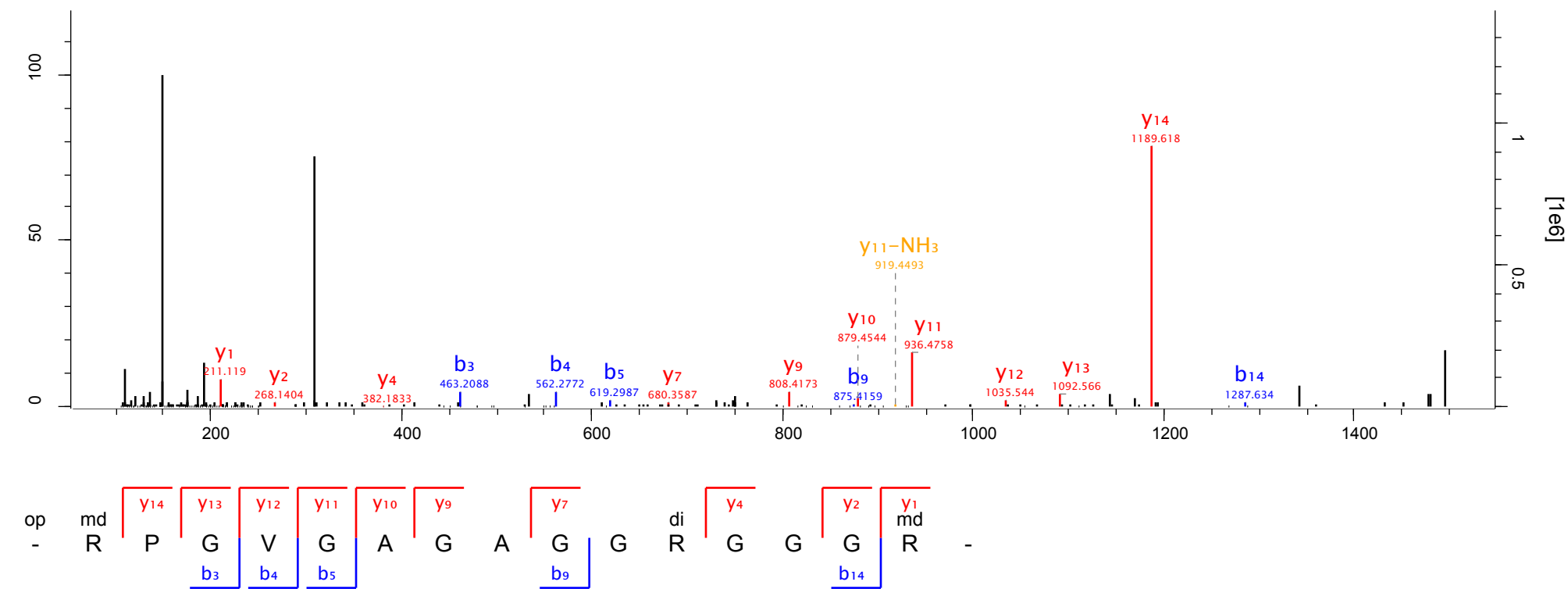
Fragmentation sites (b and y ions):

- b2 (between Q and N)
- b3 (between N and E)
- b4 (between E and Y)
- b5 (between Y and I)
- y5 (between I and E)
- y4 (between E and L)
- y1 (between H and R)

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	8974	FTMS; HCD	56.43	530.56	ICT1

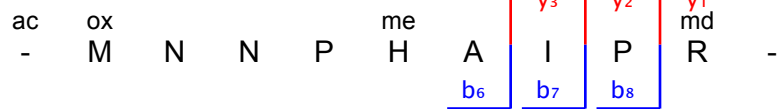


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	9157	FTMS; HCD	49.22	749.88	TMEM214

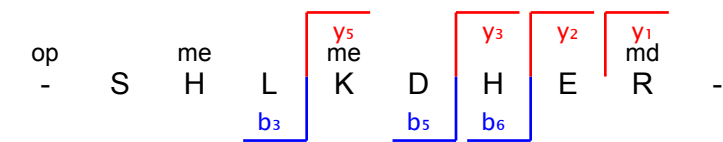
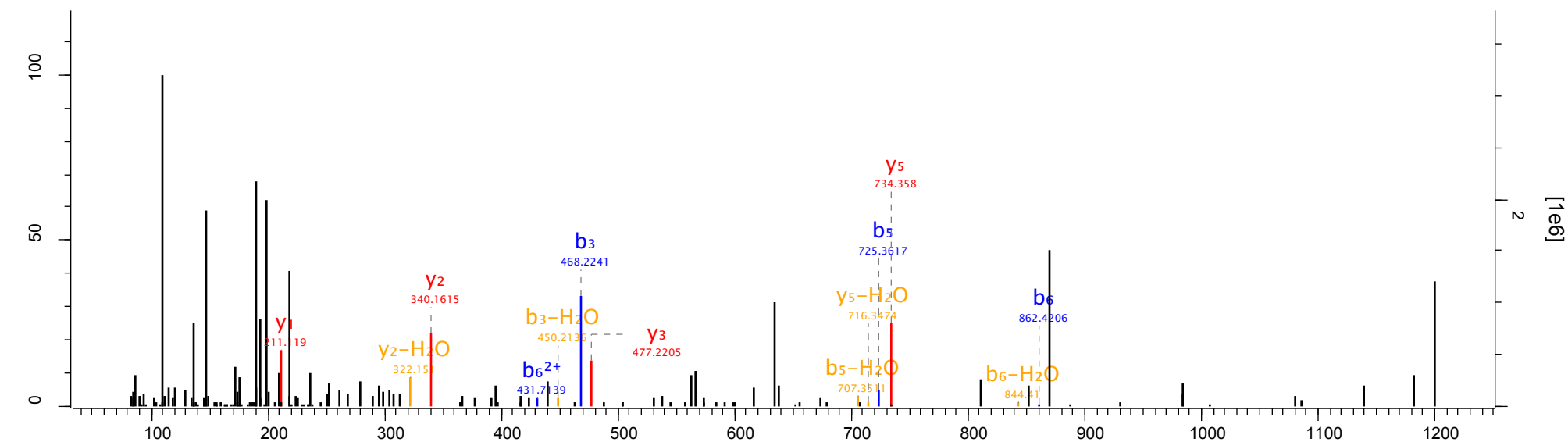


m/z

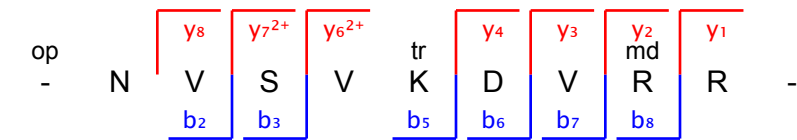
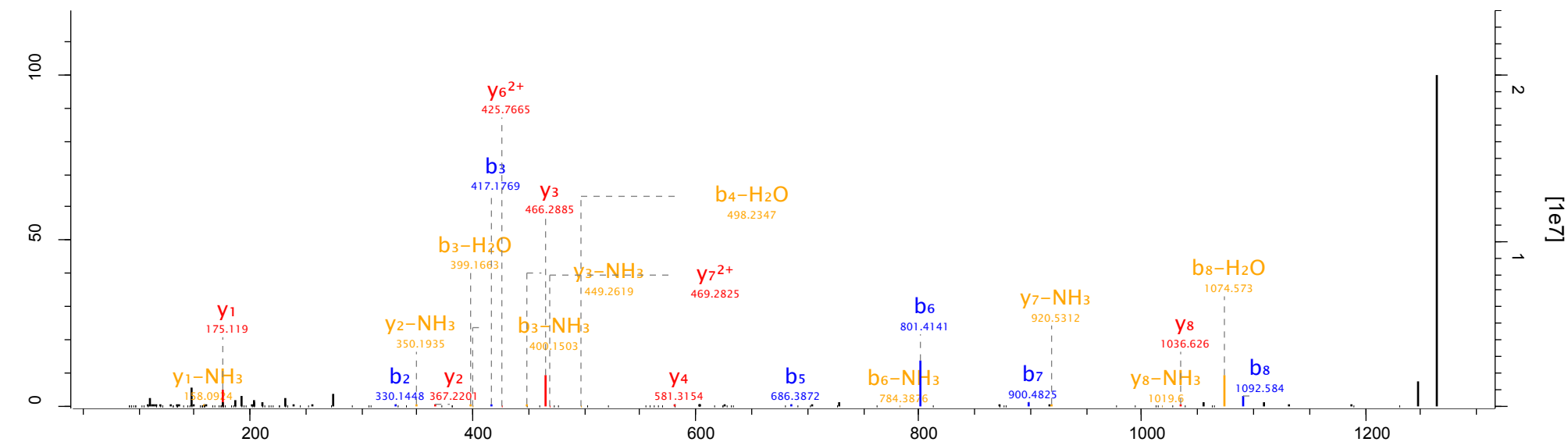
579.28



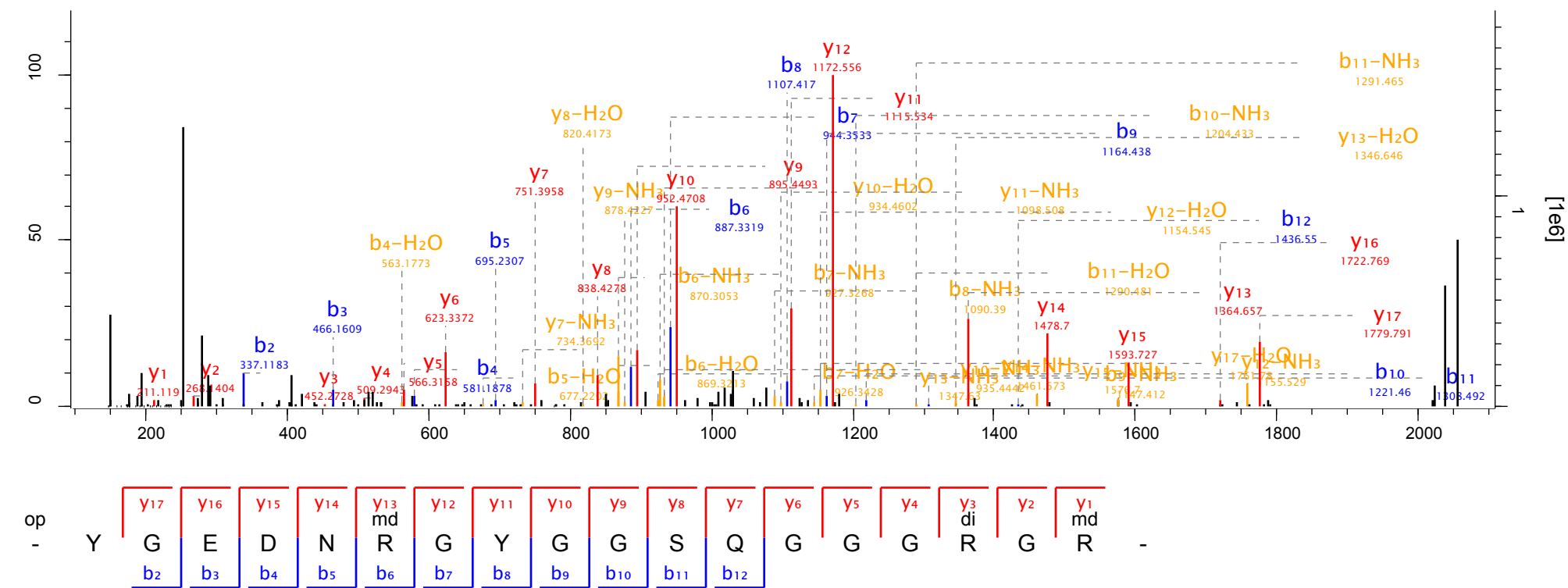
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	9603	FTMS; HCD	67.49	601.29	ZBTB14



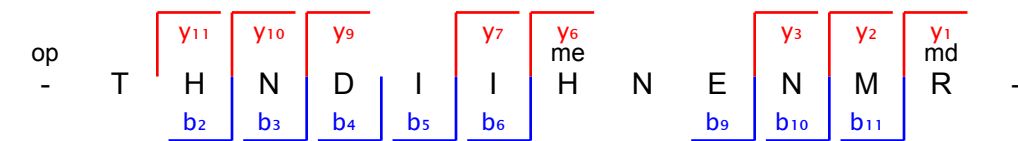
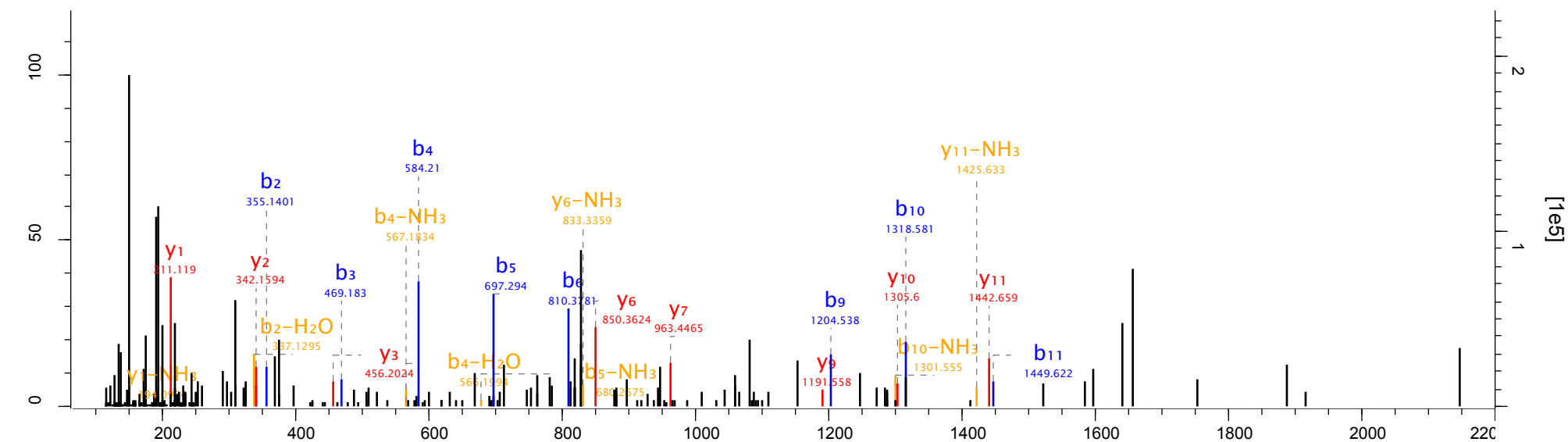
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	9799	FTMS; HCD	114.97	633.85	EEF1A1;EEF1A1P5



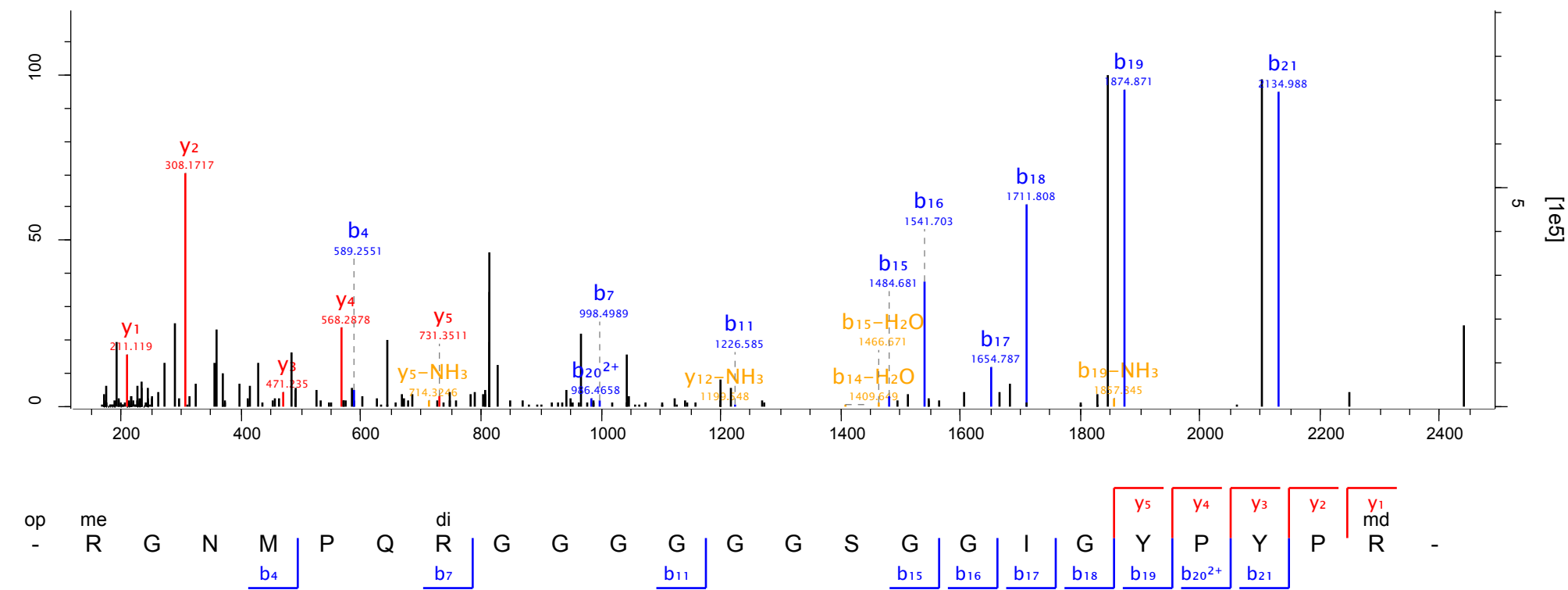
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	9981	FTMS; HCD	193.42	1030.45	TAF15



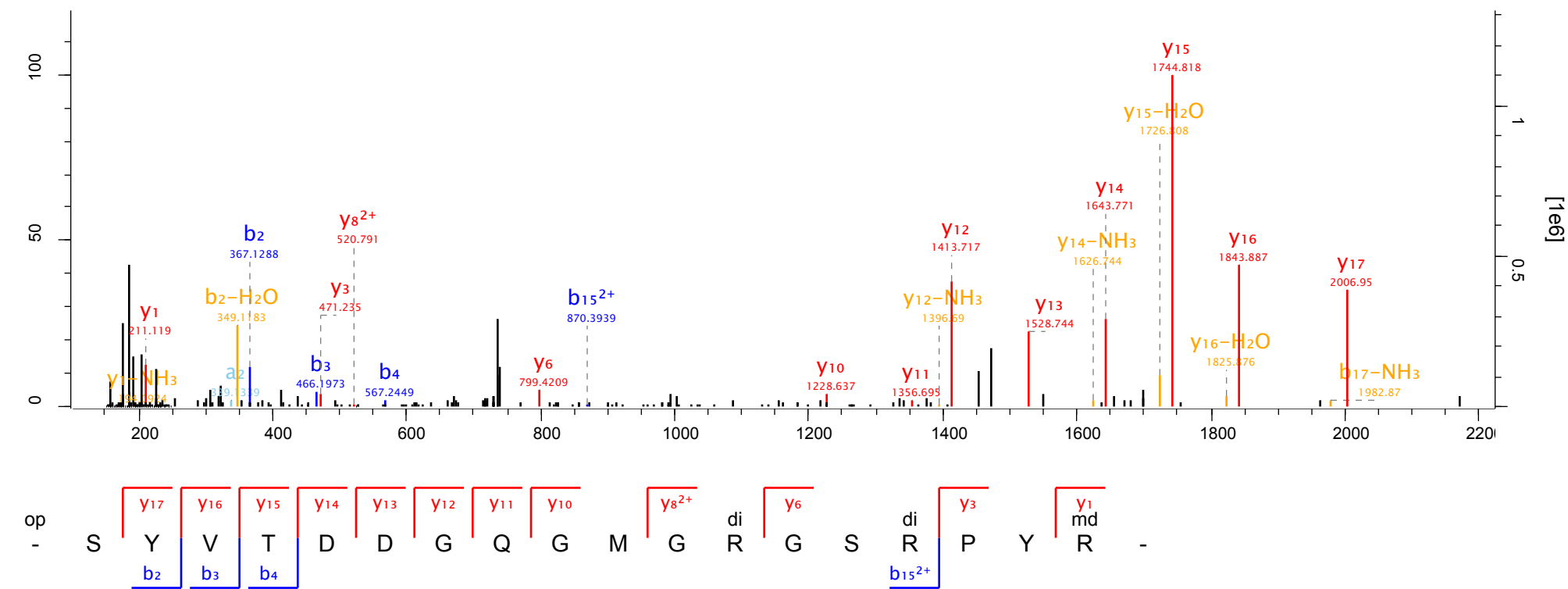
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Zhibin_20150902_MDAOPA_SCX_200mM	10142	FTMS; HCD	99.94	830.37	EZR



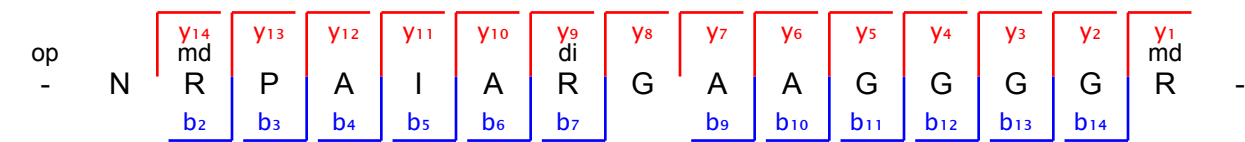
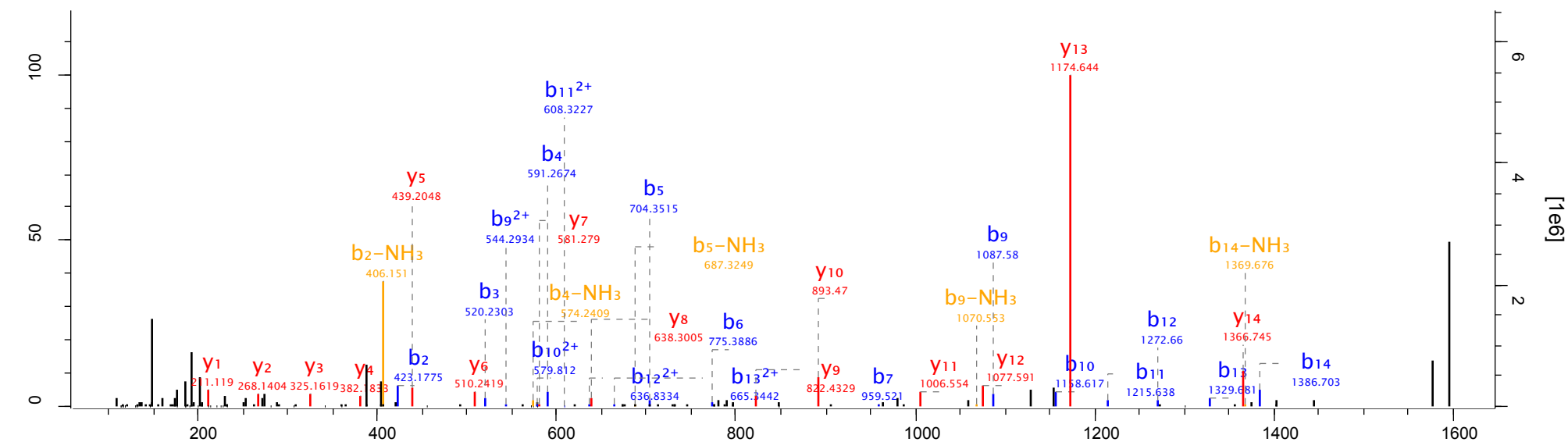
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	10366	FTMS; HCD	44.34	815.06	HNRNPU



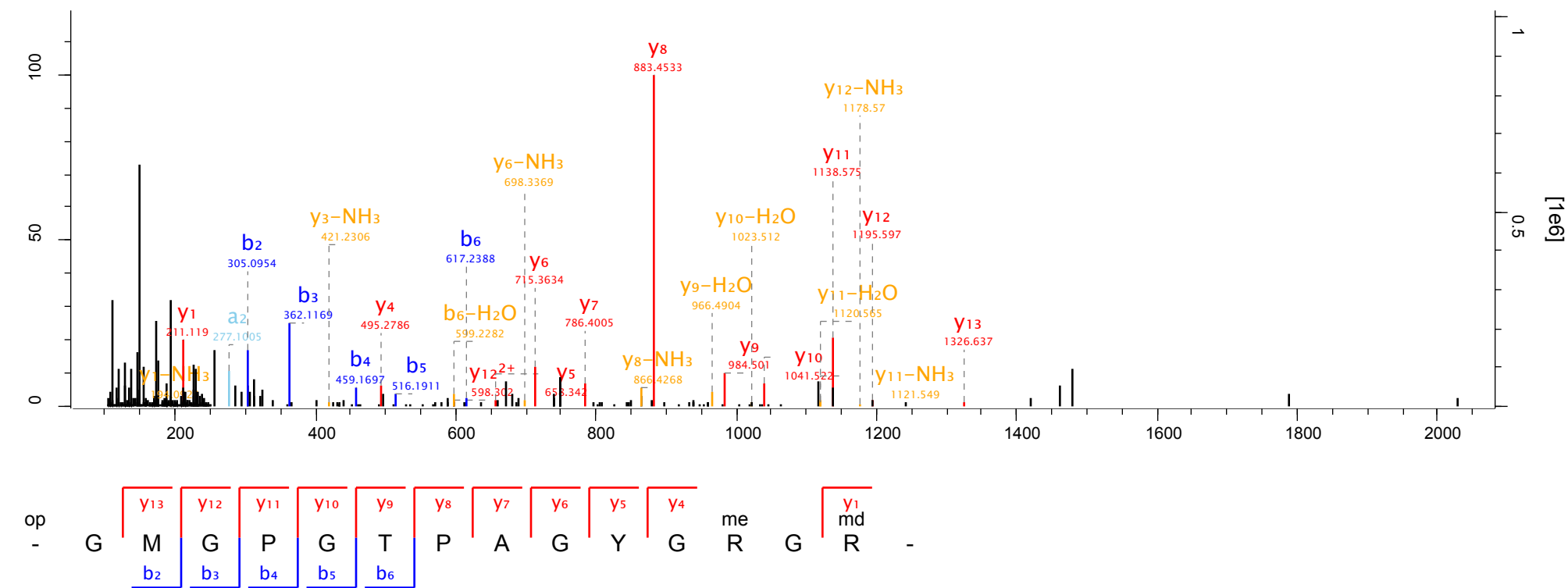
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Zhibin_20150902_MDAOPA_SCX_200mM	10540	FTMS; HCD	77.22	737.68	FMR1



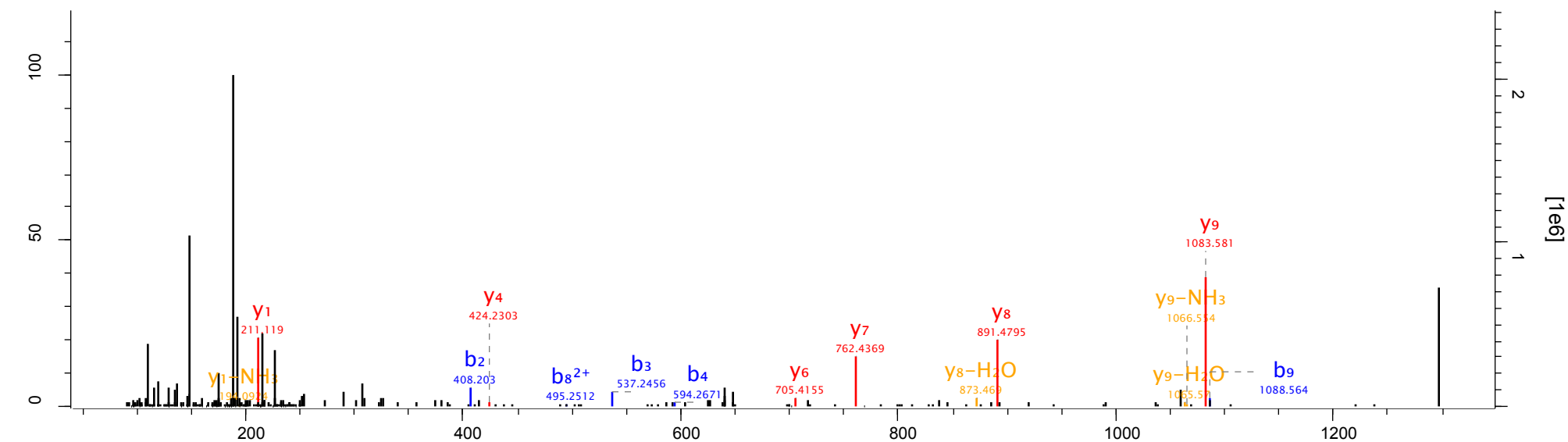
Raw file Zhibin_20150902_MDAOPA_SCX_200mM Scan 11123 Method FTMS; HCD Score 187.63 m/z 798.91 Gene names ALYREF



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	11178	FTMS; HCD	138.89	750.35	SFPQ



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	11716	FTMS; HCD	63.62	649.84	ATXN2L



op - V y9
md
R b2 y8
E b3 y7
G b4 y6
P di R y4
G b8²⁺
G b9
V y1
md
R -

Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

Scan

11818

Method

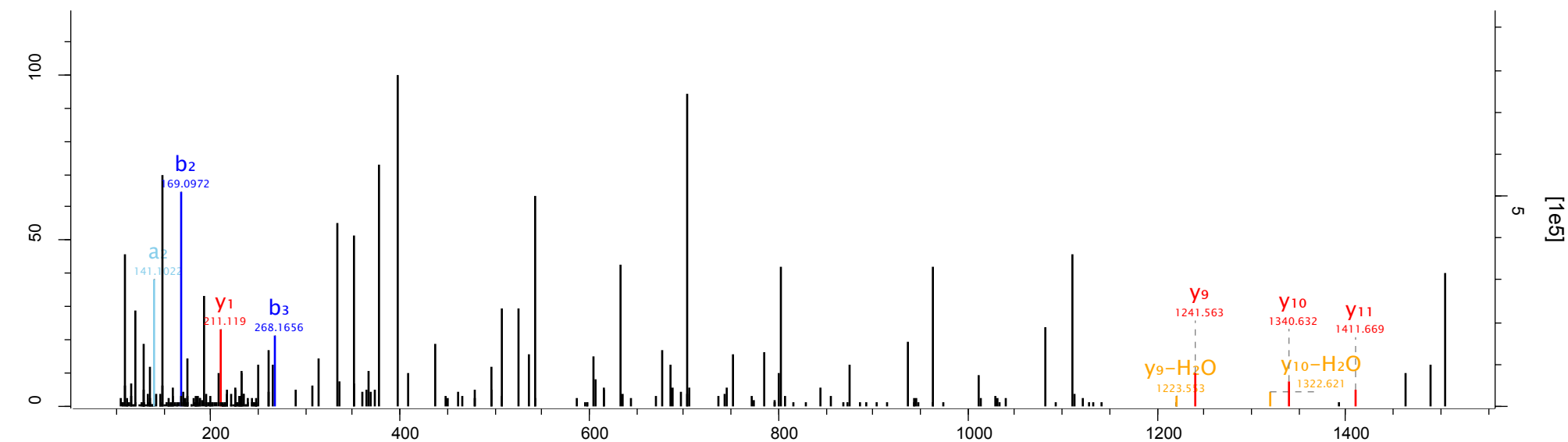
FTMS; HCD

Score

45.43

m/z

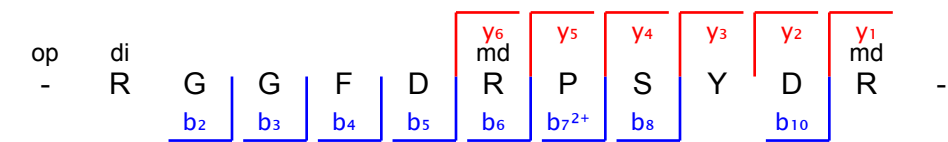
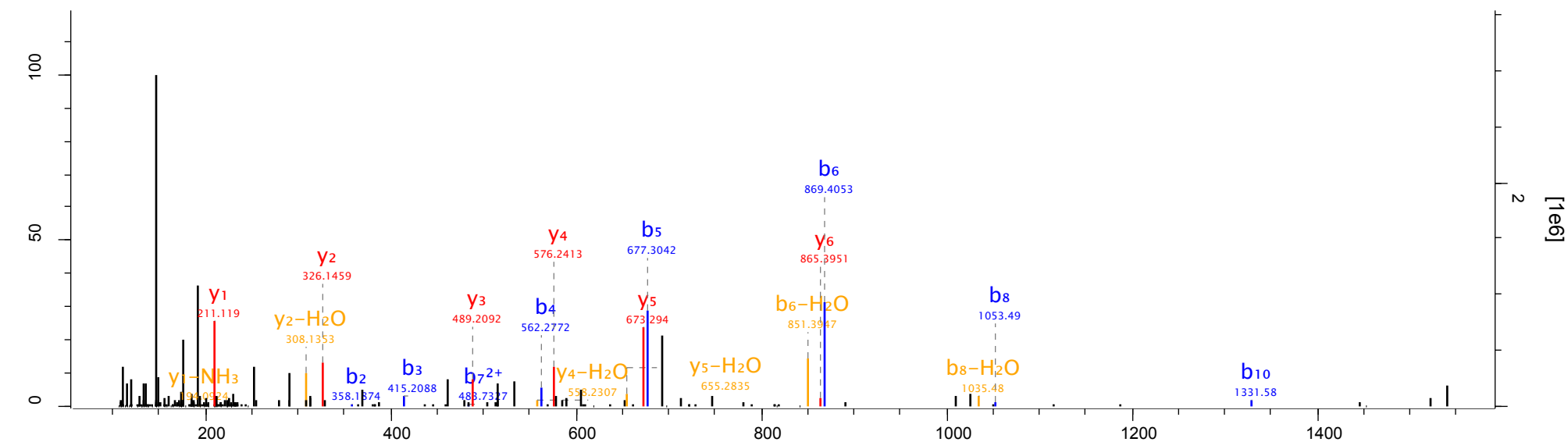
754.87



- P A V H me H P S N W P ox M R -

b₂ b₃ y₁₁ y₁₀ y₉ me y₁ md

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	12143	FTMS; HCD	99.5	514.9	YLPM1



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_200mM

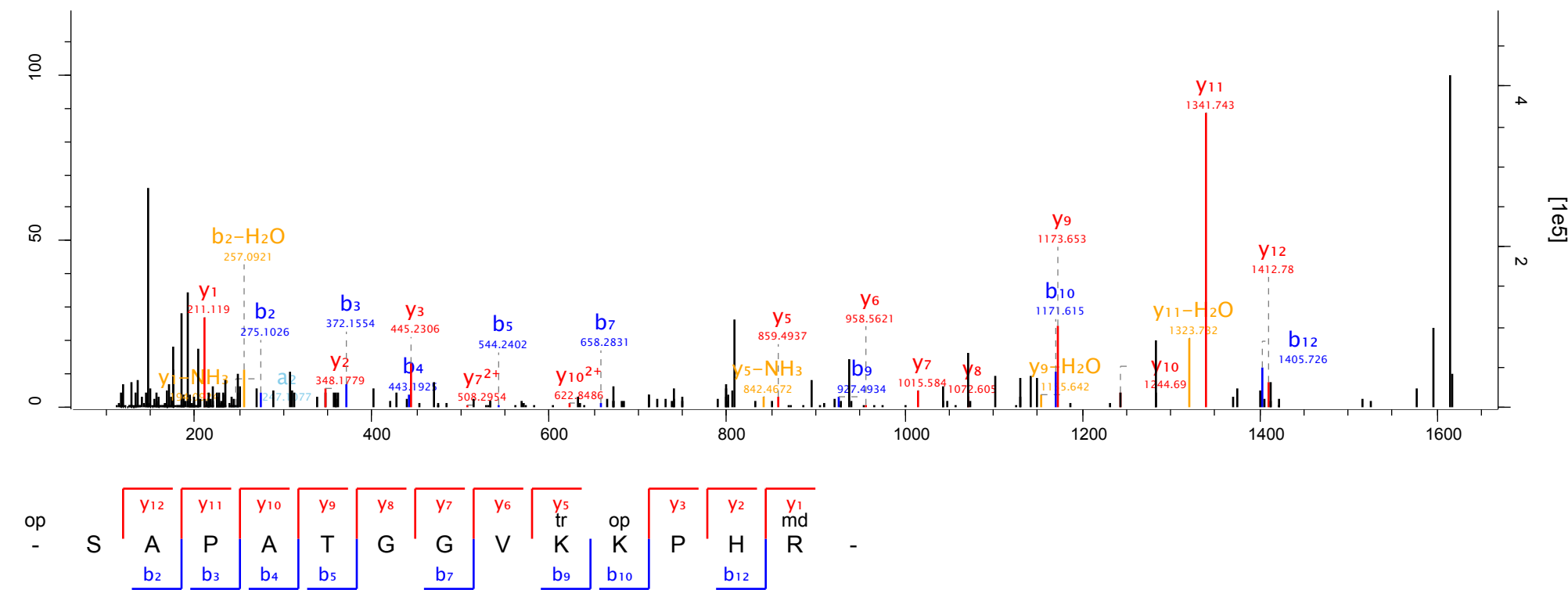
12242

FTMS; HCD

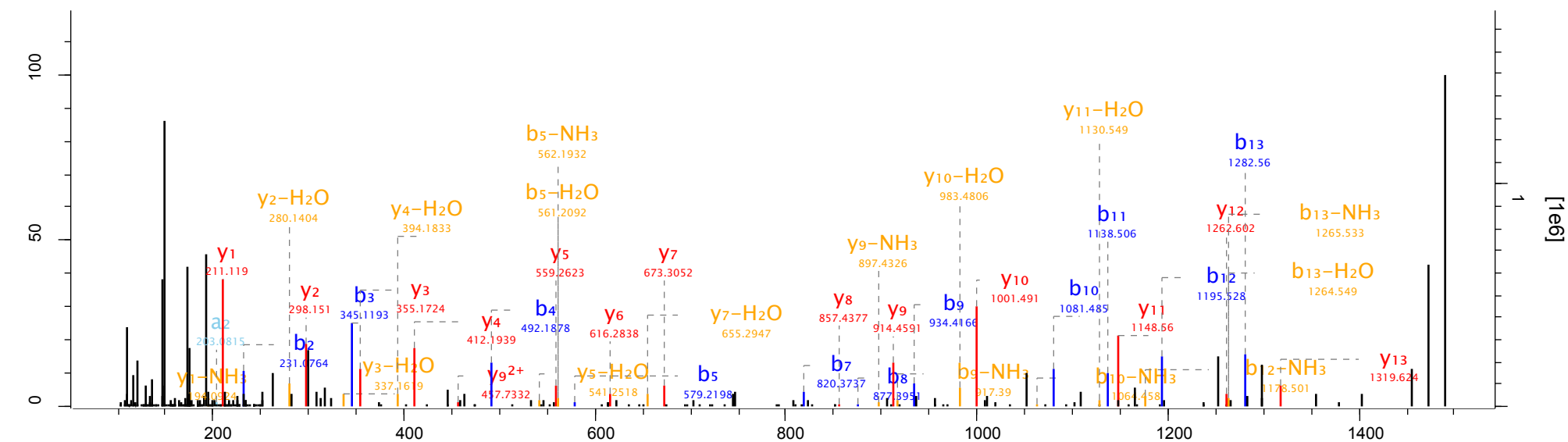
76.2

808.93

HIST2H3PS2;HIST2H3A;HIST3H3;HIST1H3A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	12260	FTMS; HCD	179.97	747.34	HNRNPA1

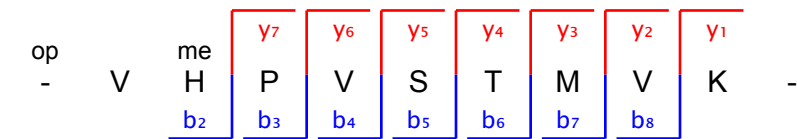
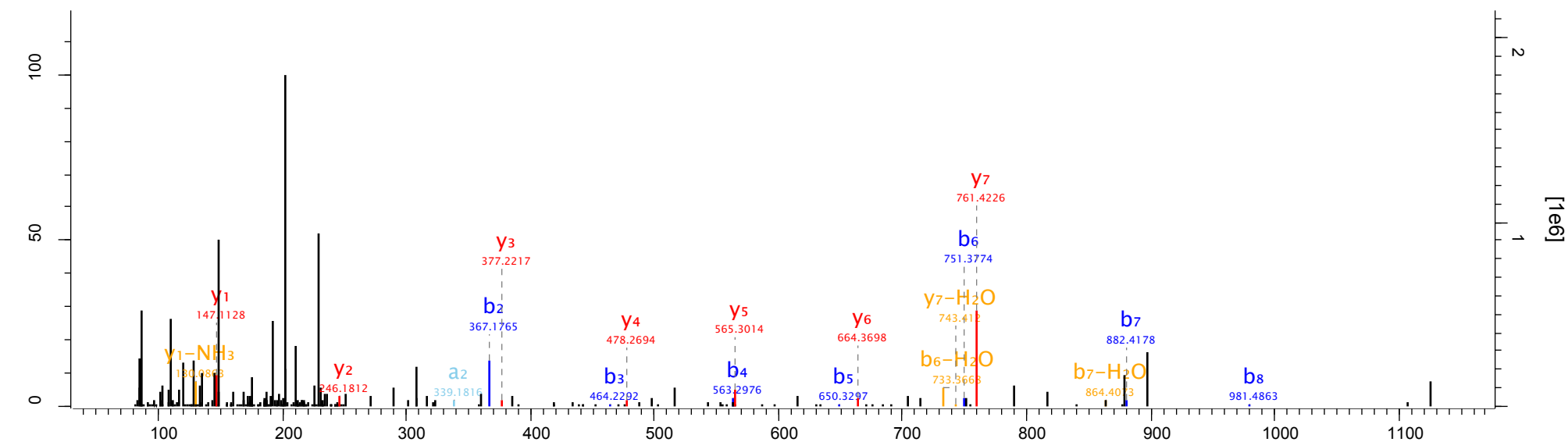


op - G

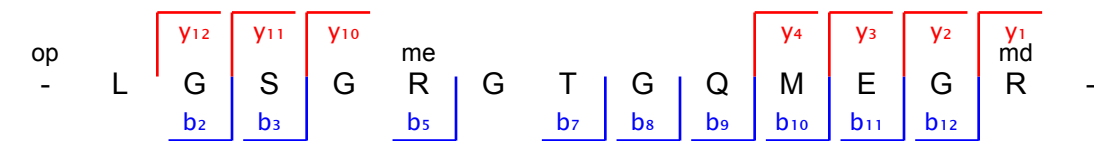
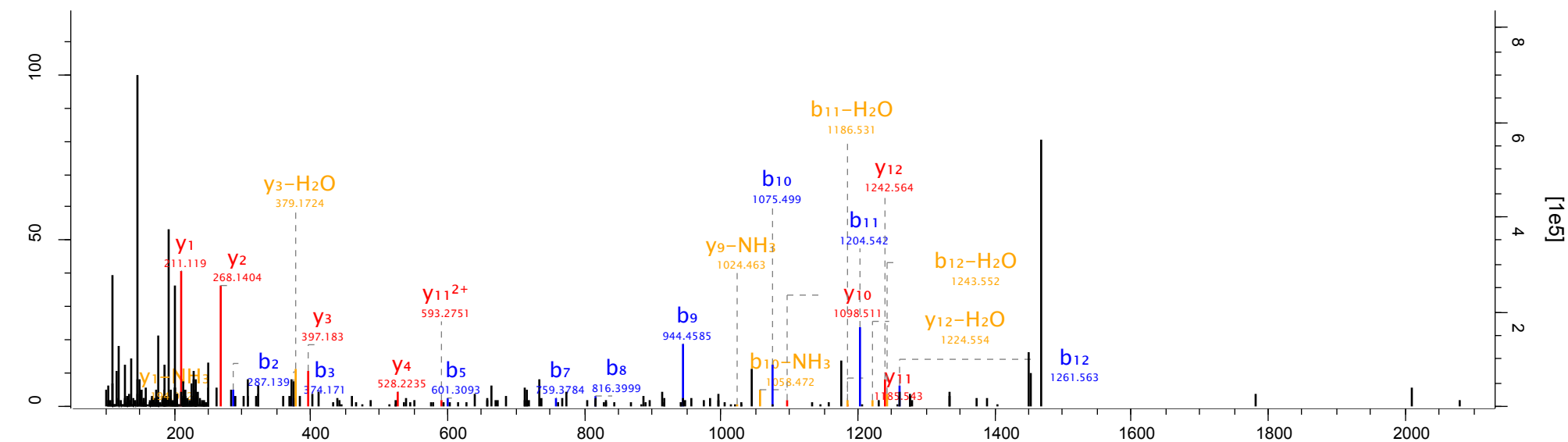
y ₁₃	y ₁₂	y ₁₁	y ₁₀	y ₉	y ₈ di	y ₇	y ₆	y ₅	y ₄	y ₃	y ₂	y ₁ md
G	N	F	S	G	R	G	G	F	G	G	S	R
b ₂	b ₃	b ₄	b ₅		b ₇	b ₈	b ₉	b ₁₀	b ₁₁	b ₁₂	b ₁₃	

-

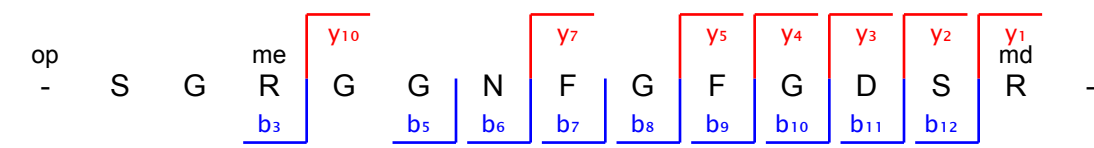
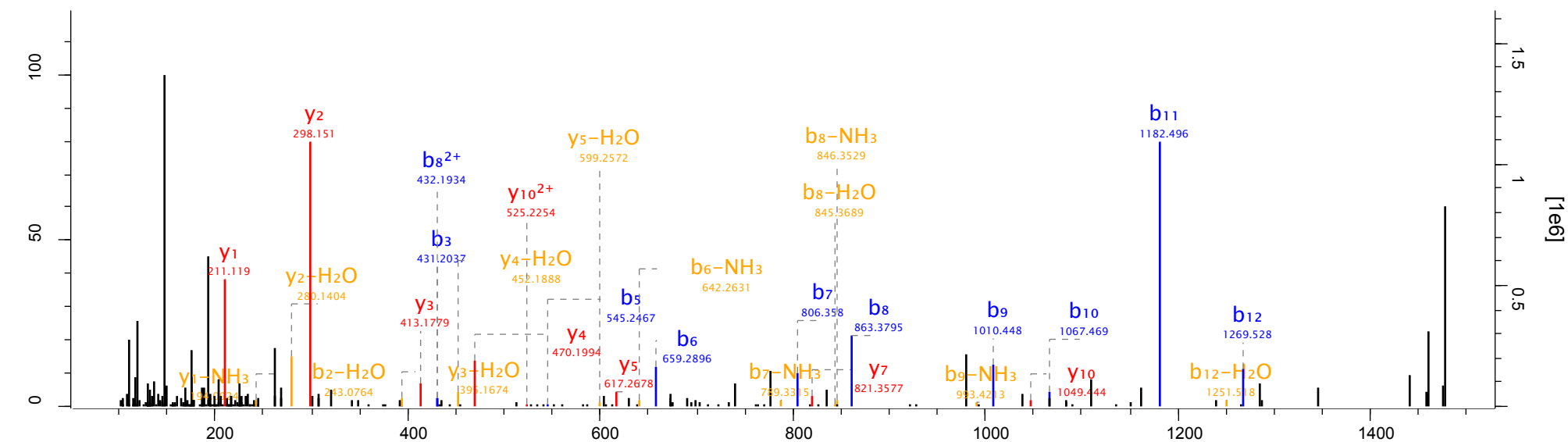
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Zhibin_20150902_MDAOPA_SCX_200mM	12408	FTMS; HCD	79.13	564.3	LDHC



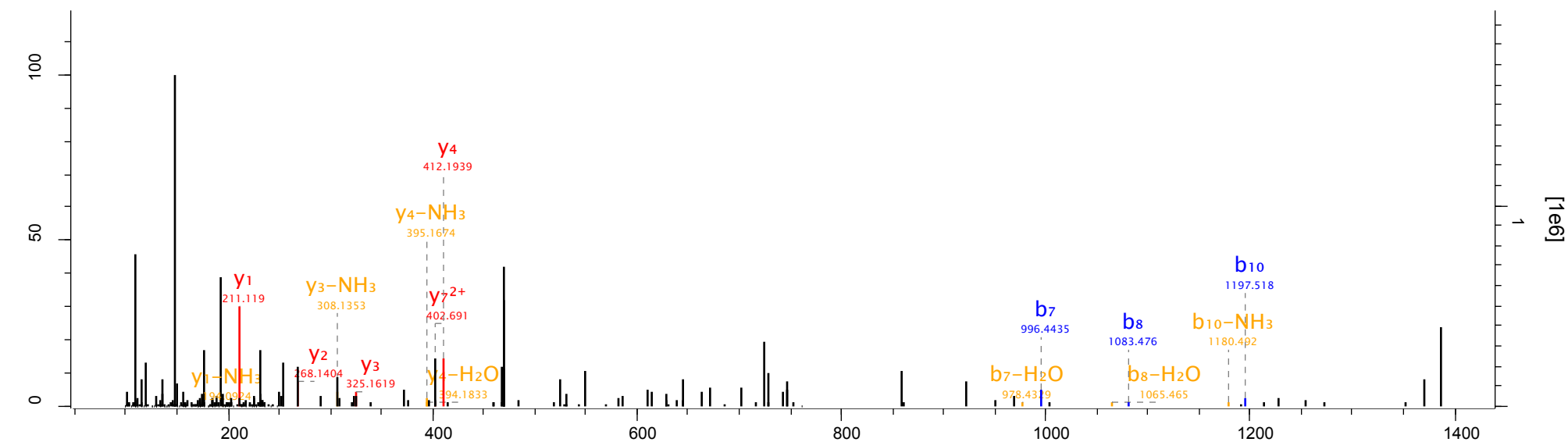
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	12499	FTMS; HCD	74.85	736.34	G3BP2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	12604	FTMS; HCD	128.22	740.32	HNRNPA2B1



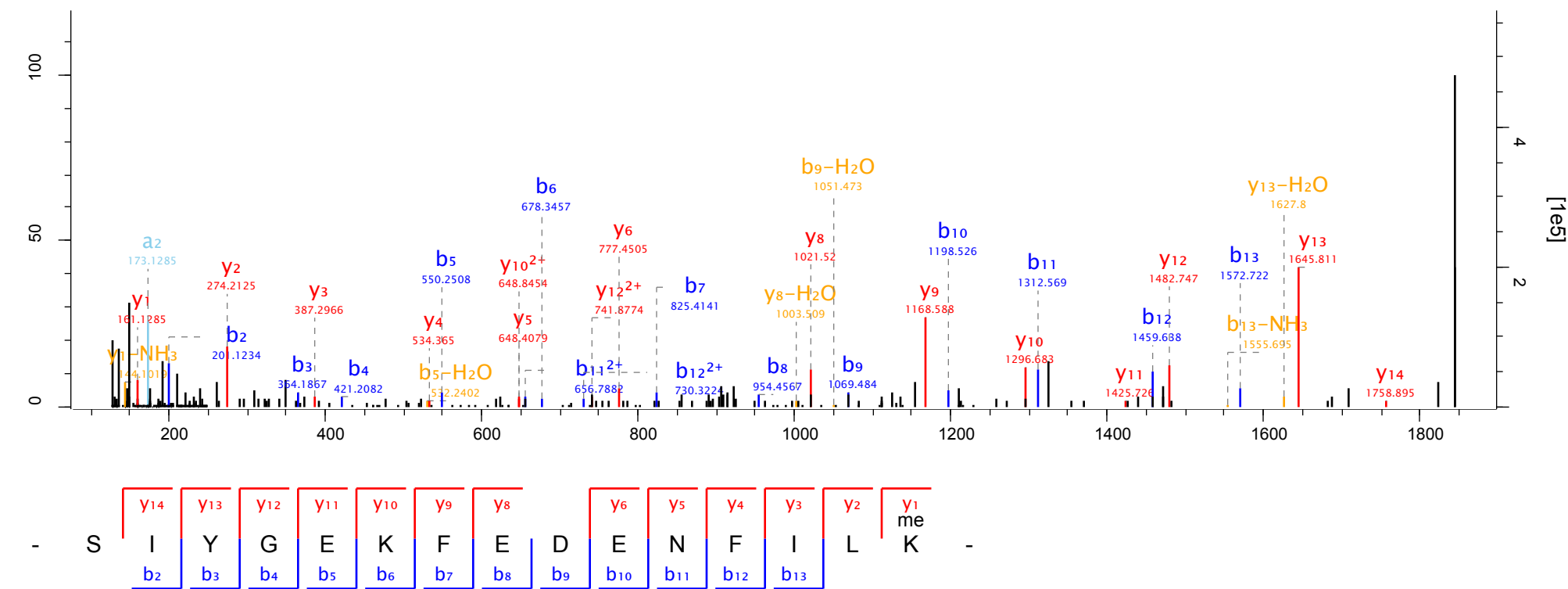
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	12754	FTMS; HCD	45.83	470.22	RBMXL3



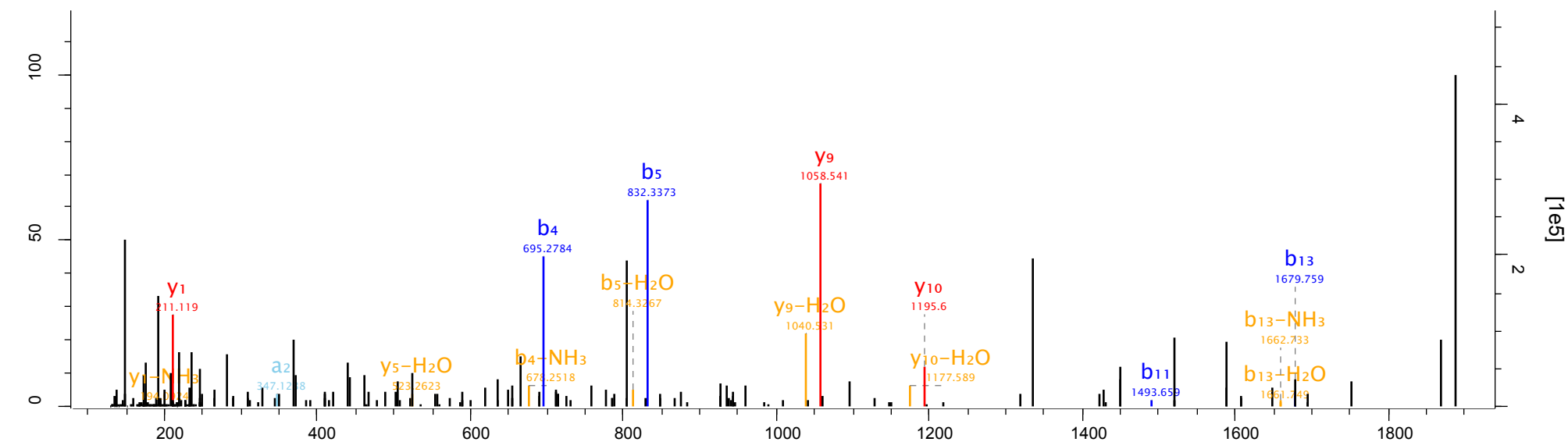
op - G md R S me H E A md R S G G R -

y₇²⁺
b₇
b₈
y₄
y₃
y₂
y₁

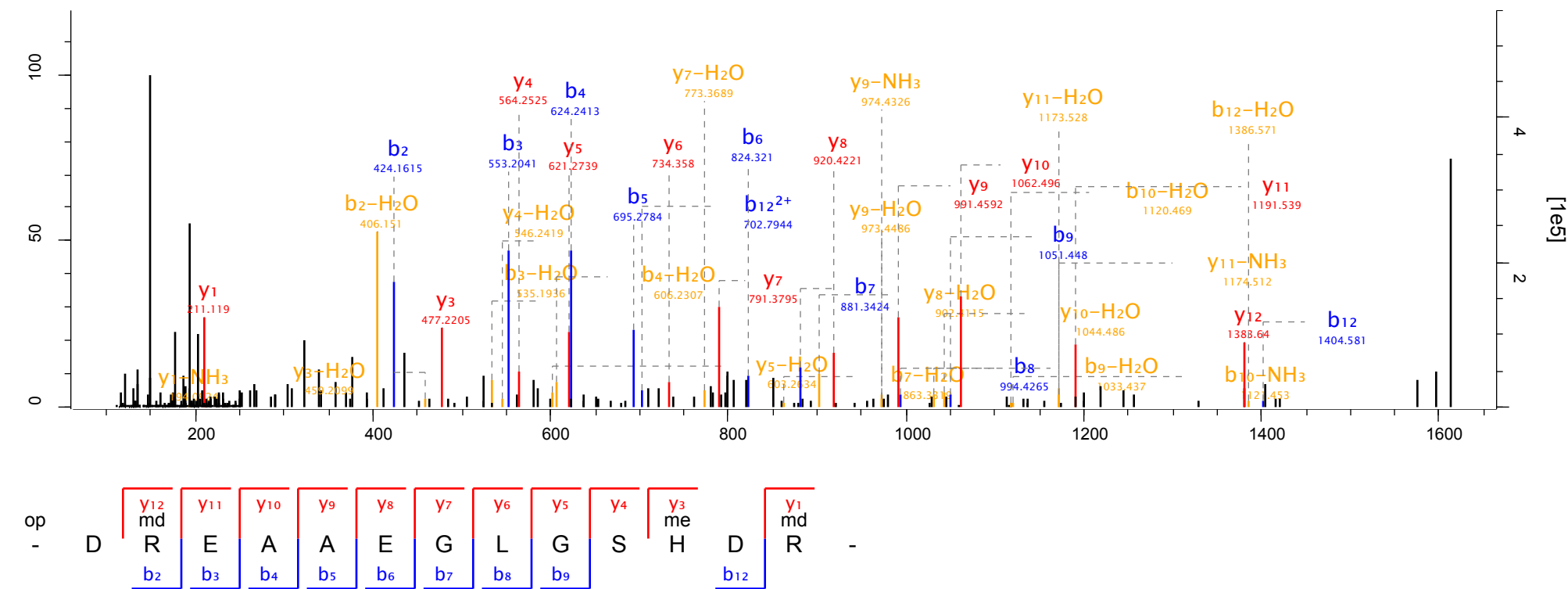
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	12789	FTMS; HCD	157.74	923.97	PPIA



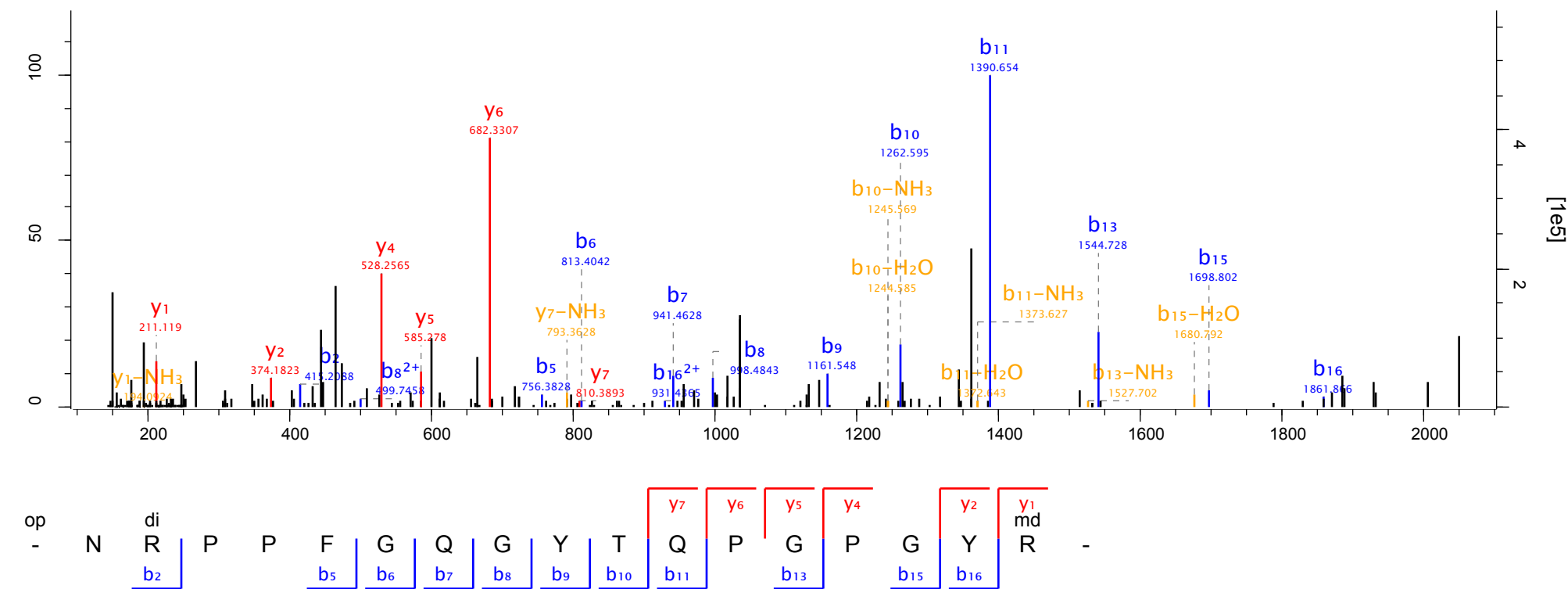
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Zhibin_20150902_MDAOPA_SCX_200mM	12844	FTMS; HCD	42.32	945.94	MYOM3



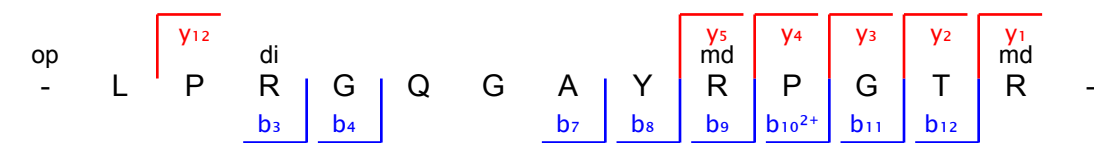
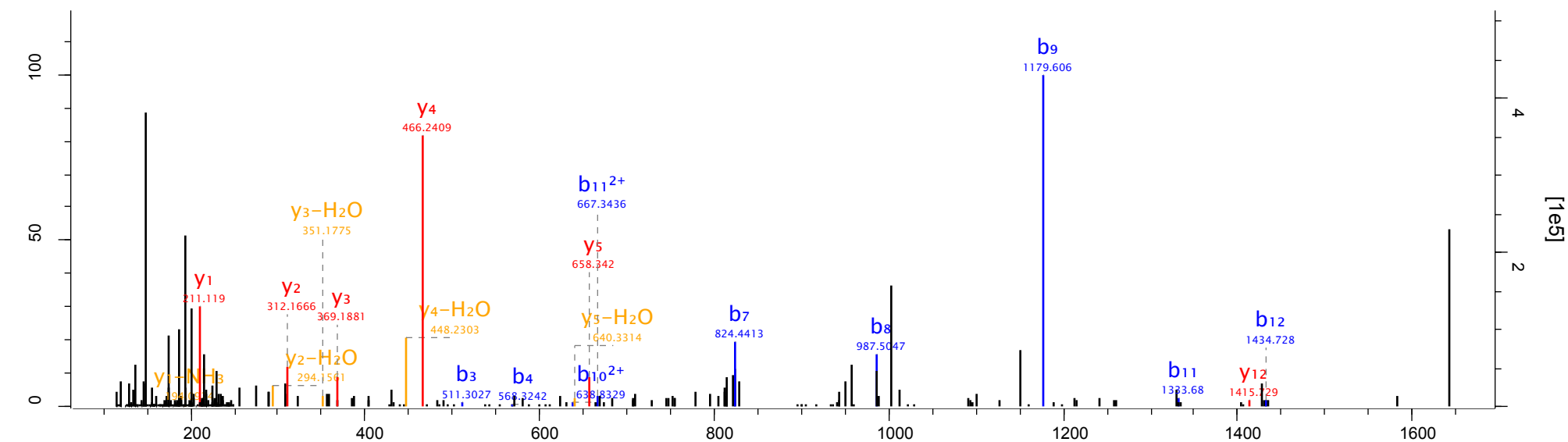
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	12895	FTMS; HCD	176.56	808.35	CAPN2



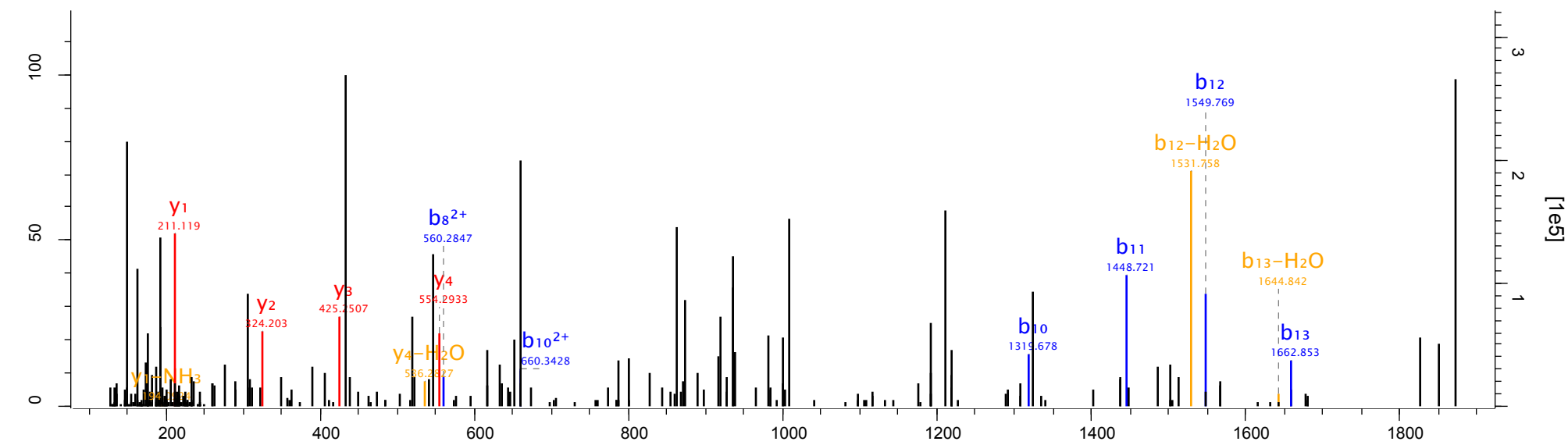
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	12974	FTMS; HCD	94.01	1036.5	TFG



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	13190	FTMS; HCD	76.36	823.43	RNF25



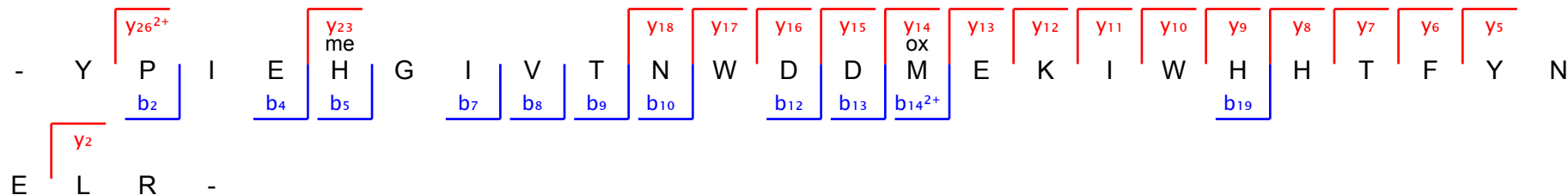
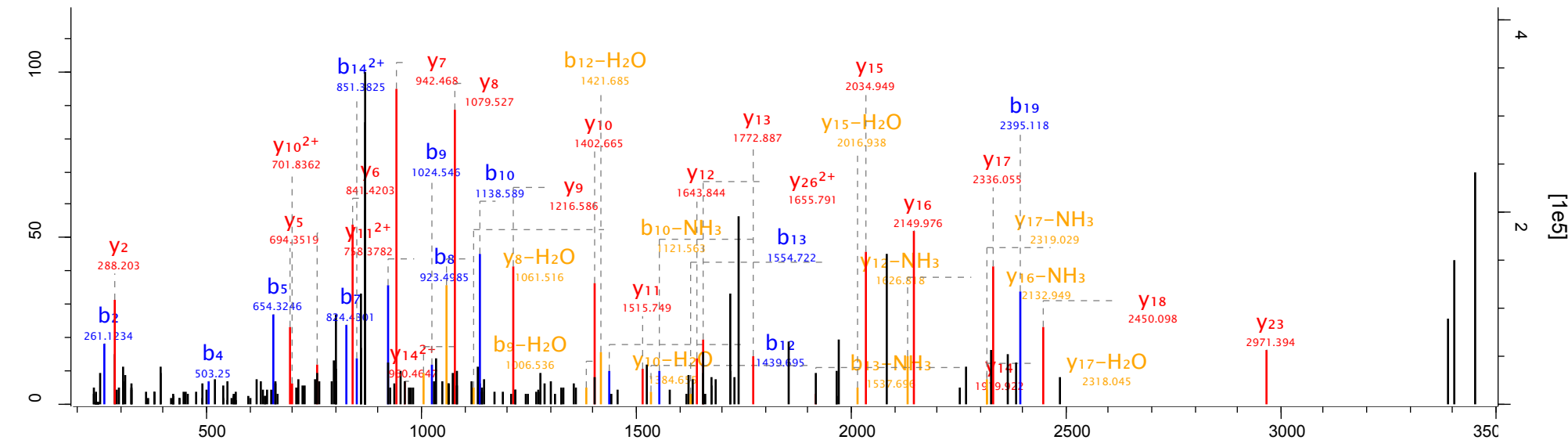
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Zhibin_20150902_MDAOPA_SCX_200mM	13421	FTMS; HCD	47.62	937.49	UBA2



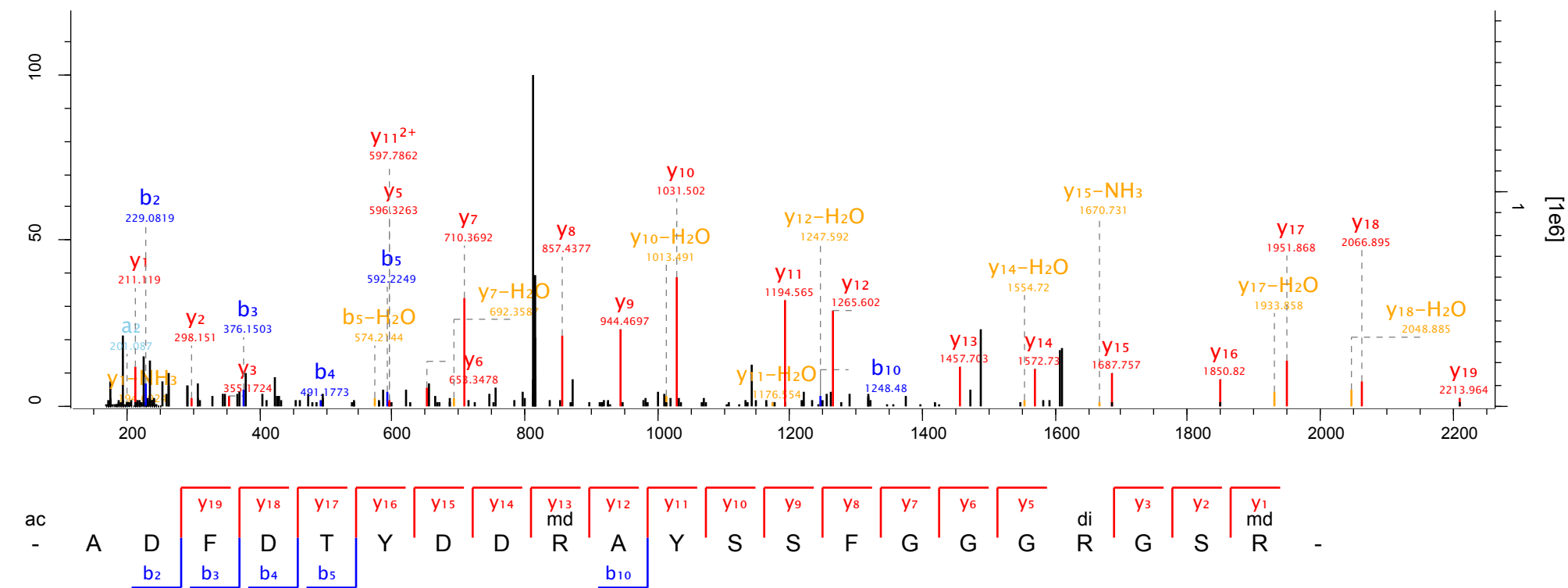
op
- S Y A md R L F S me K S I E T L y1 md -

b₈²⁺ b₁₀ b₁₁ b₁₂ b₁₃

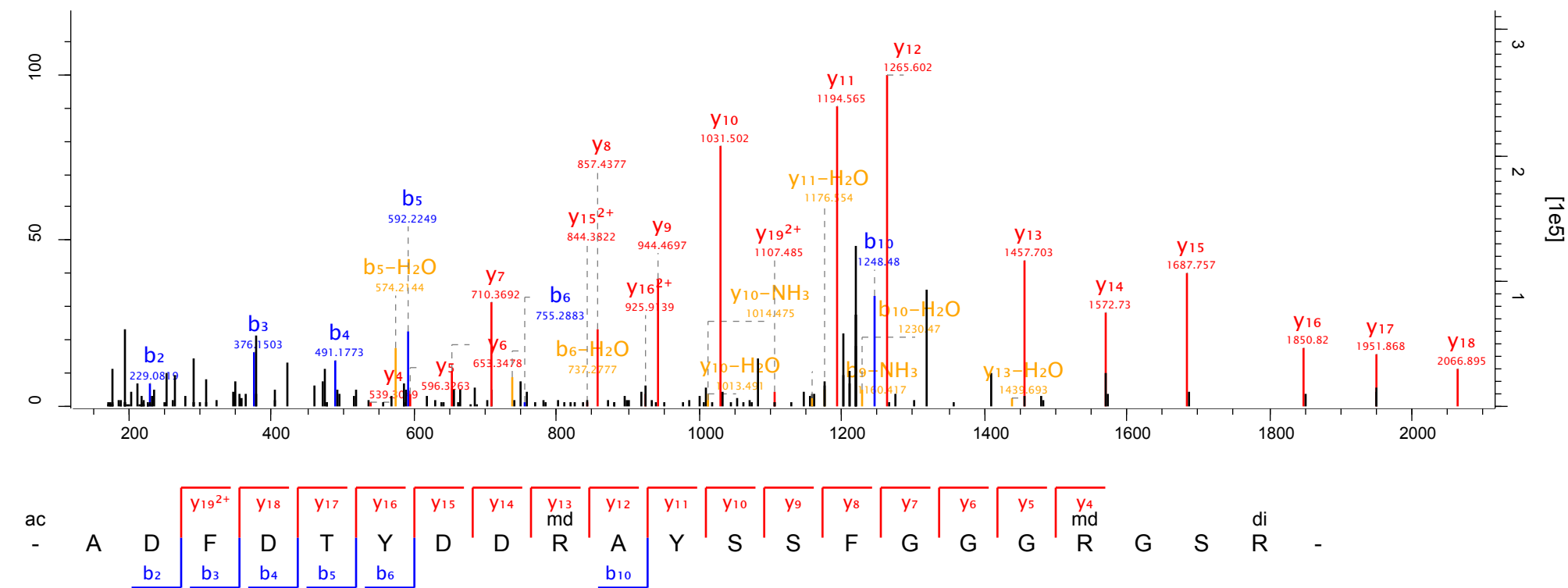
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Zhibin_20150902_MDAOPA_SCX_200mM	13747	FTMS; HCD	133.58	869.67	ACTB;ACTG1



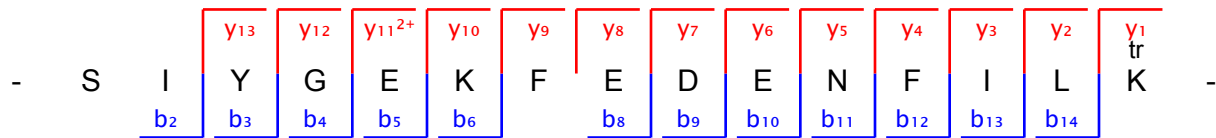
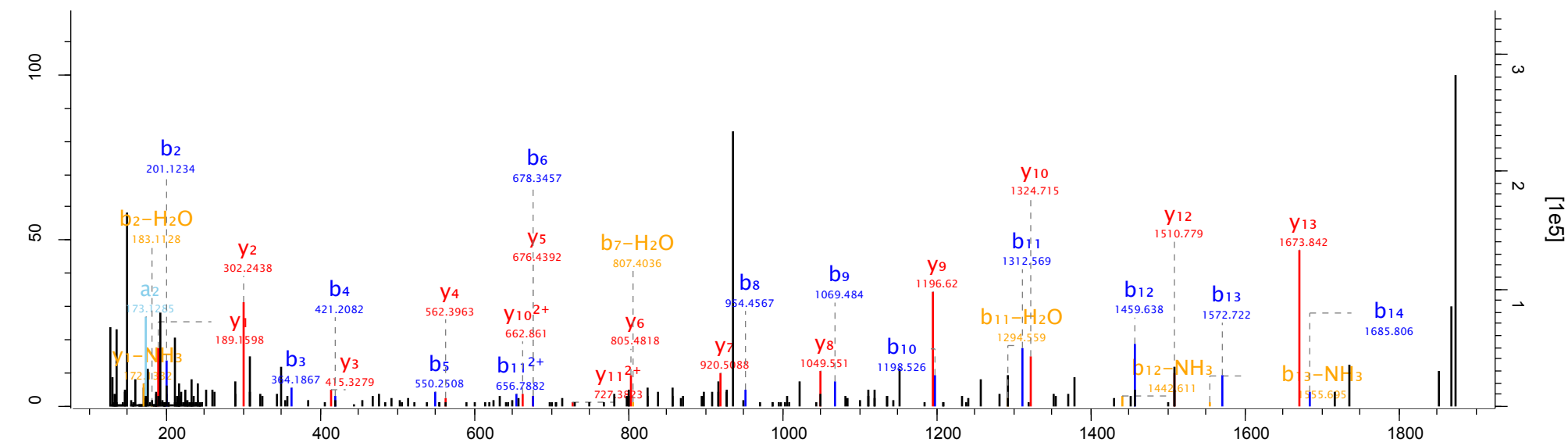
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	14200	FTMS; HCD	85.06	815.02	EIF4H



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	14242	FTMS; HCD	88.09	1222.02	EIF4H



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	14761	FTMS; HCD	136.34	937.48	PPIA



Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

Scan

15058

Method

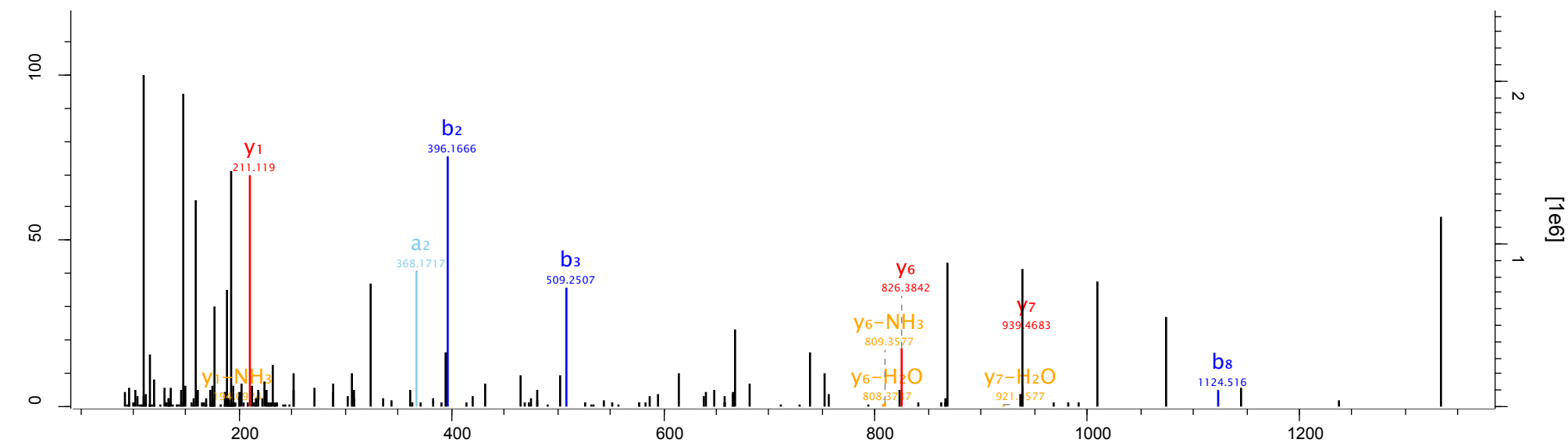
FTMS; HCD

Score

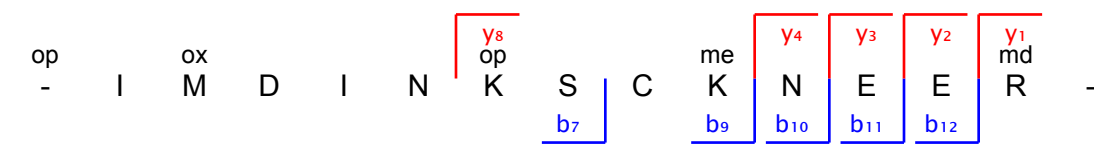
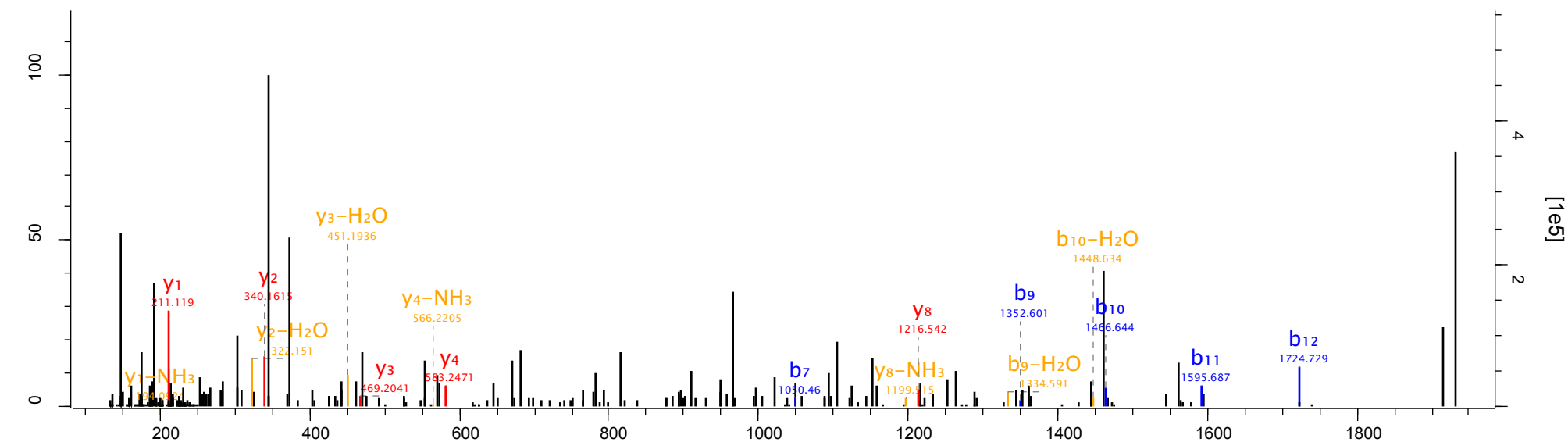
40.06

m/z

668.32



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	15520	FTMS; HCD	45.21	967.92	BEND5



Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

Scan

15681

Method

FTMS; HCD

Score

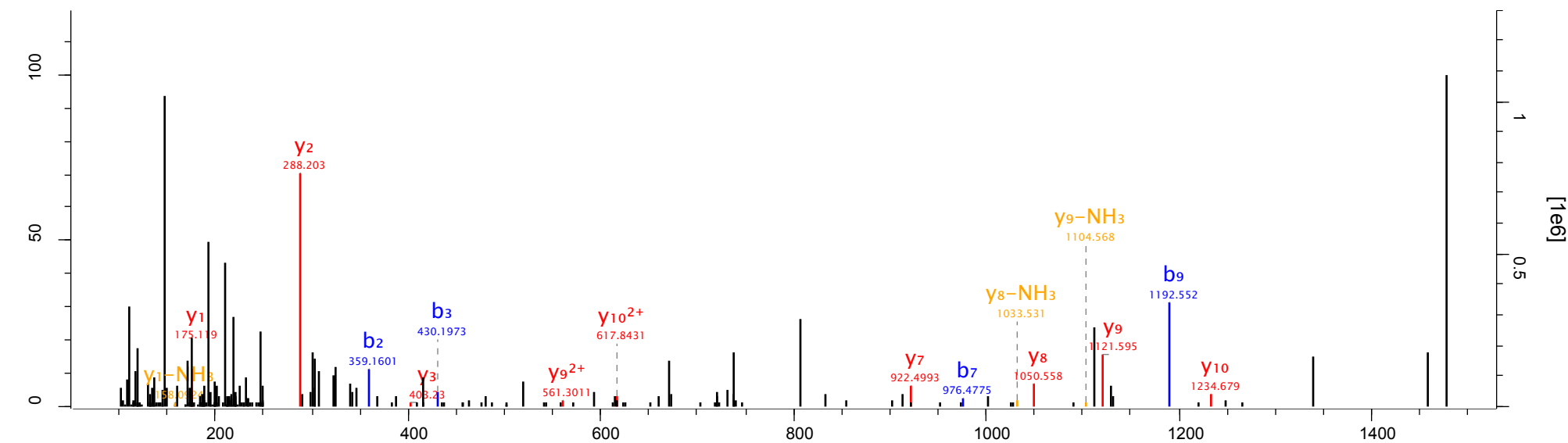
56.2

m/z

740.38

Gene names

HIST2H3PS2



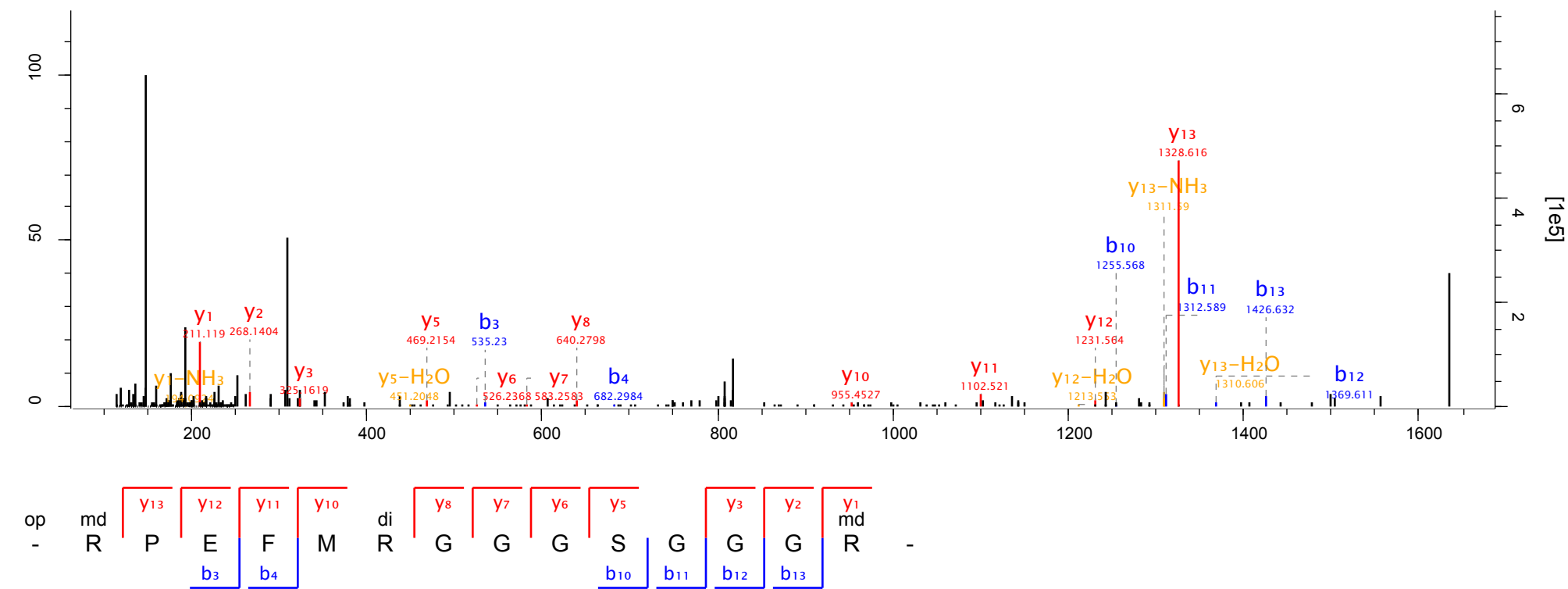
op

- E I A Q E F me K T D L R -

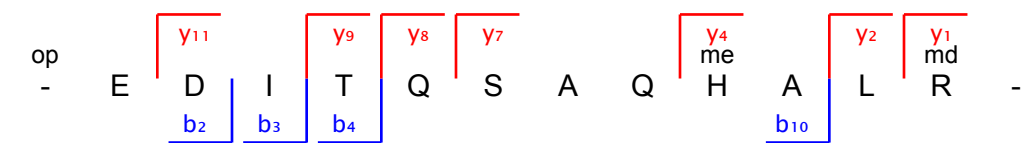
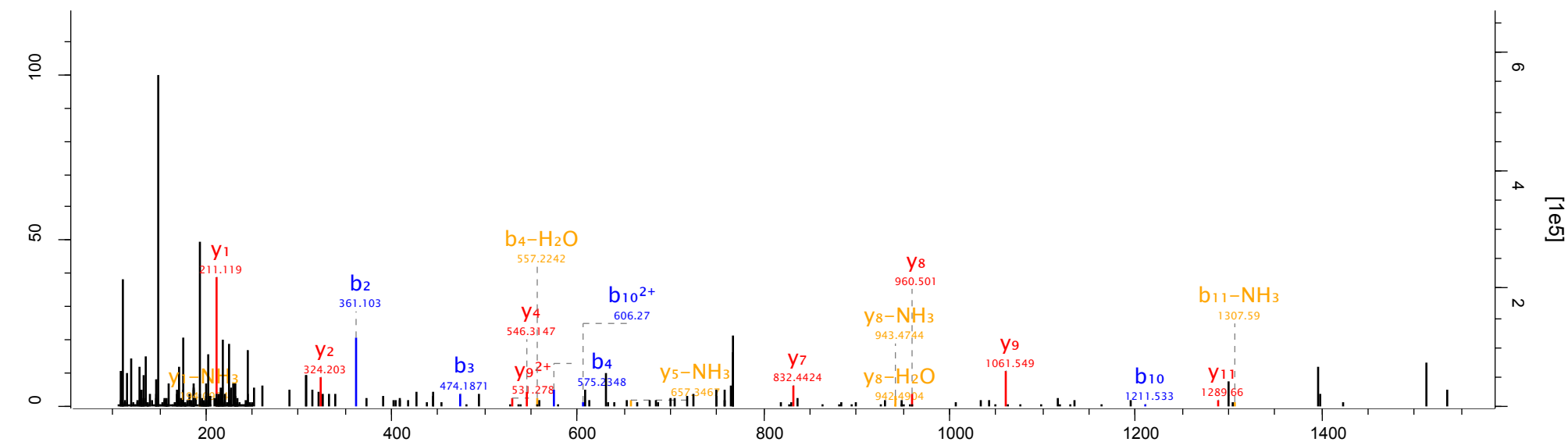
b₂ b₃ b₇ b₉

y₁₀ y₉ y₈ y₇ y₃ y₂ y₁

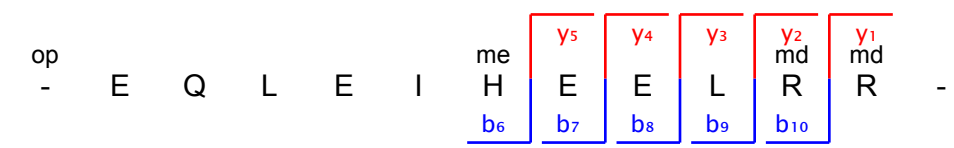
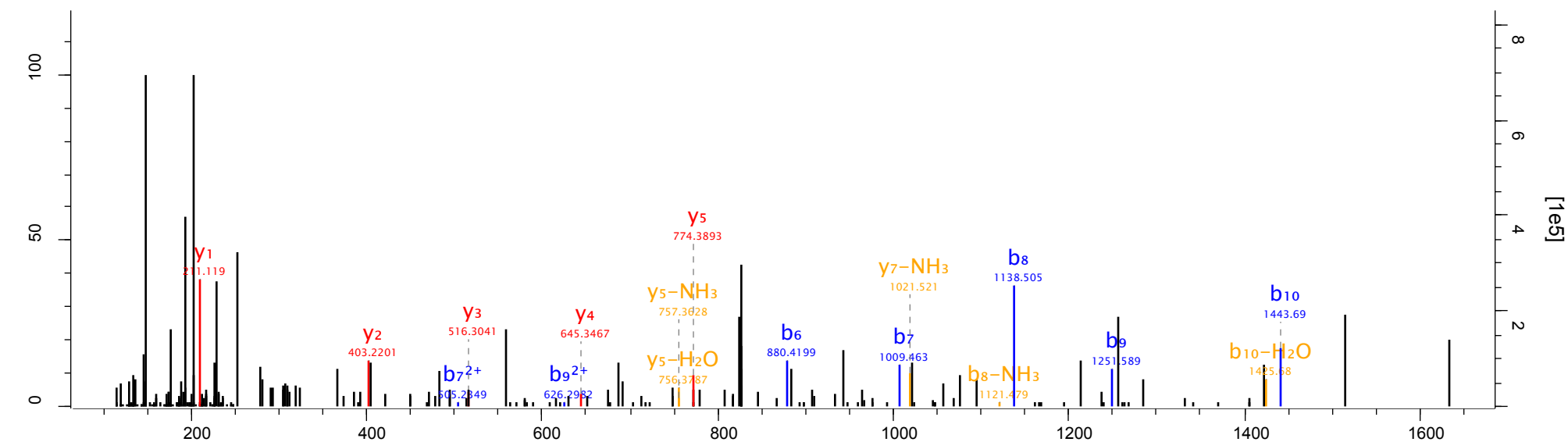
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	15708	FTMS; HCD	63.46	818.87	TAF15



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	15722	FTMS; HCD	69.86	767.87	ILF3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	15754	FTMS; HCD	56.09	827.41	CCDC136



Raw file

Zhibin_20150902_MDAOPA_SCX_200mM

Scan

15869

Method

FTMS; HCD

Score

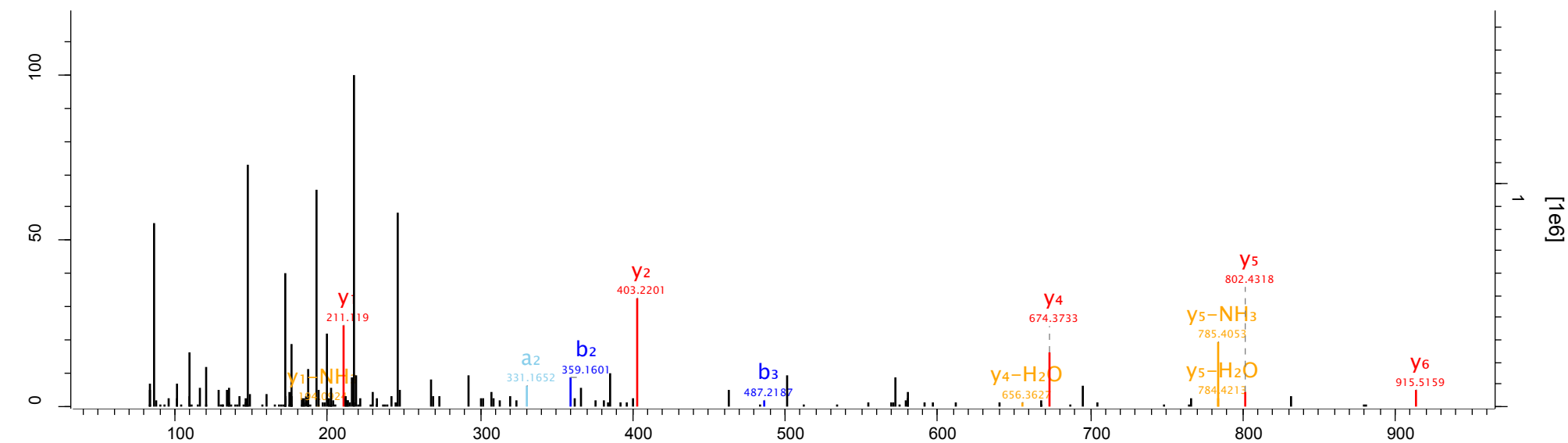
77.06

m/z

580.8

Gene names

BLOC1S1



[1e6]

1

op
- E L Q E me K R R -

b2 b3

y6 y5 y4 y2 y1

md md

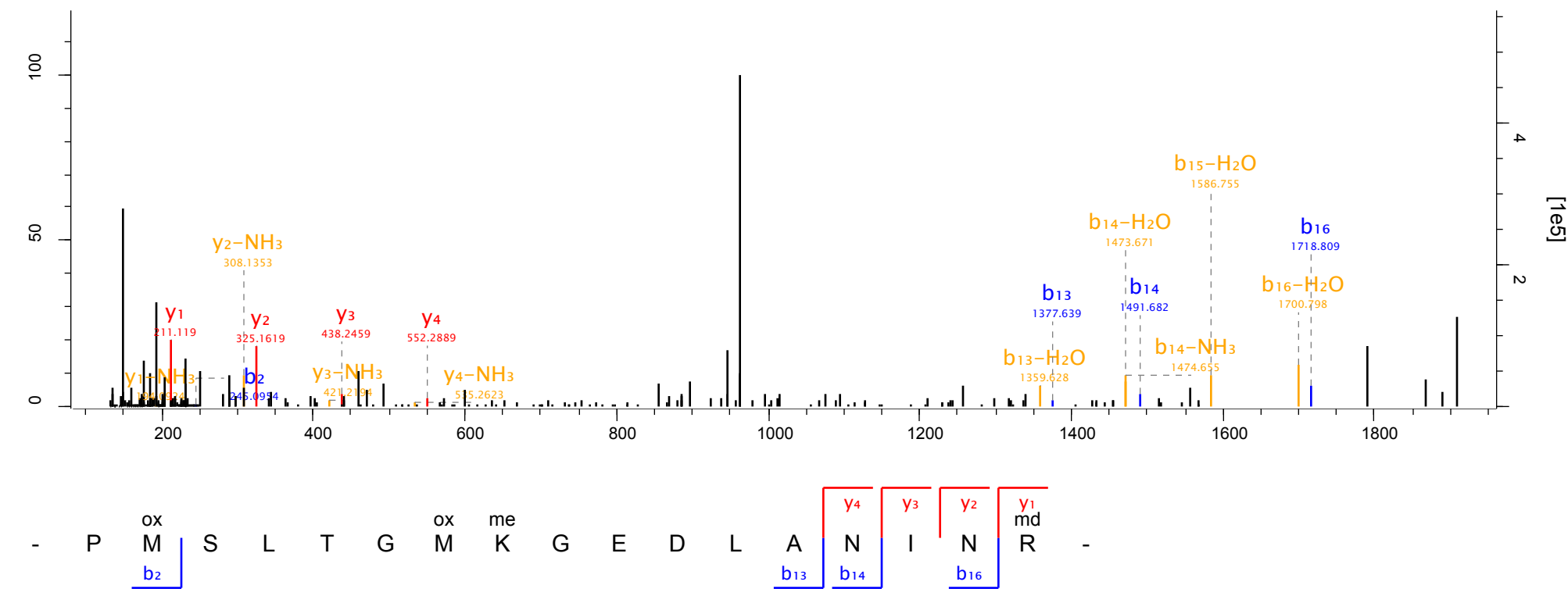
Zhibin_20150902_MDAOPA_SCX_200mM

16370

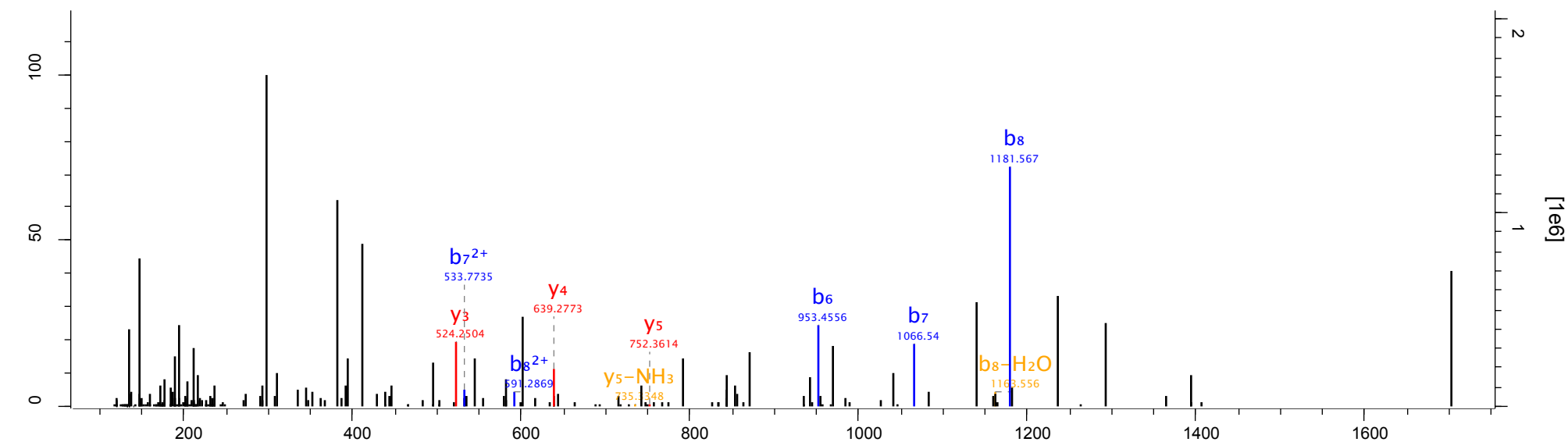
FTMS; HCD

51.03

965.47



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	16596	FTMS; HCD	41.4	853.41	KAT5



op
- L F Y V me H Y I D F N op K -

b6 b7 b8

y5 y4 y3

Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_200mM

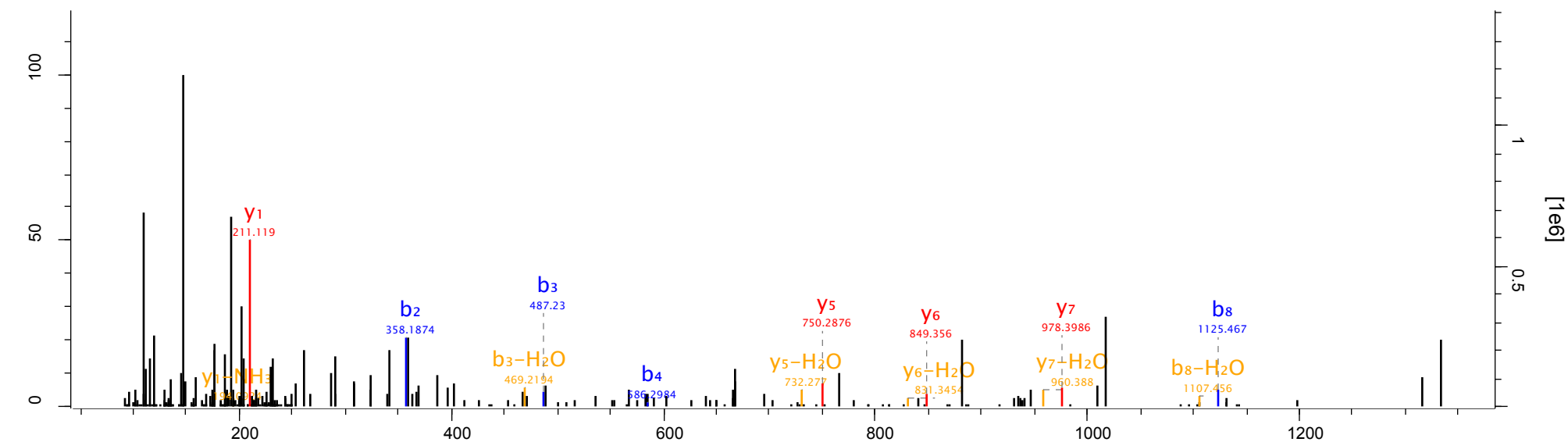
16799

FTMS; HCD

70.06

668.33

HLA-DRB1;HLA-DRB4

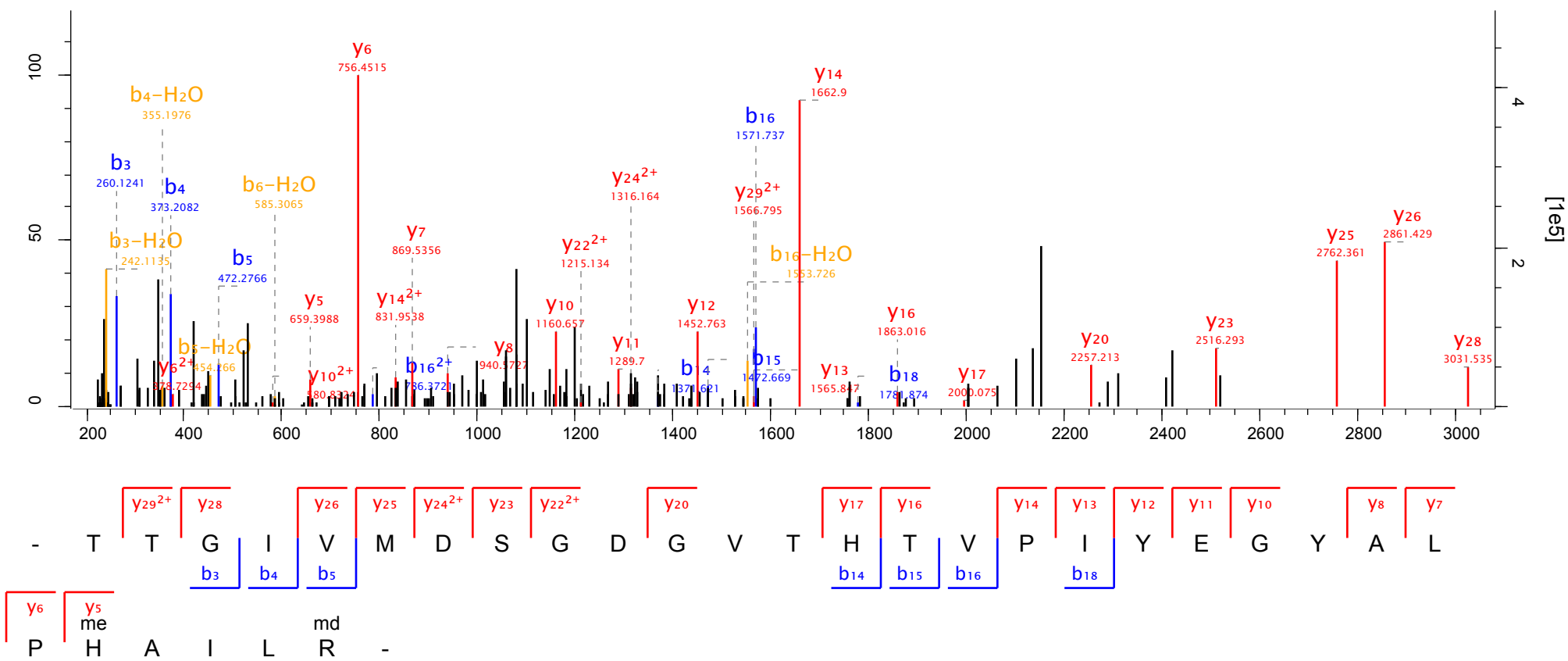


op me
- R

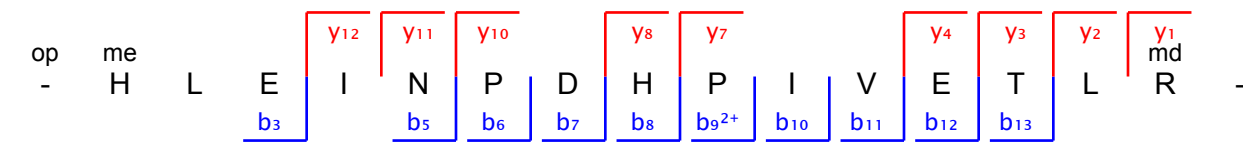
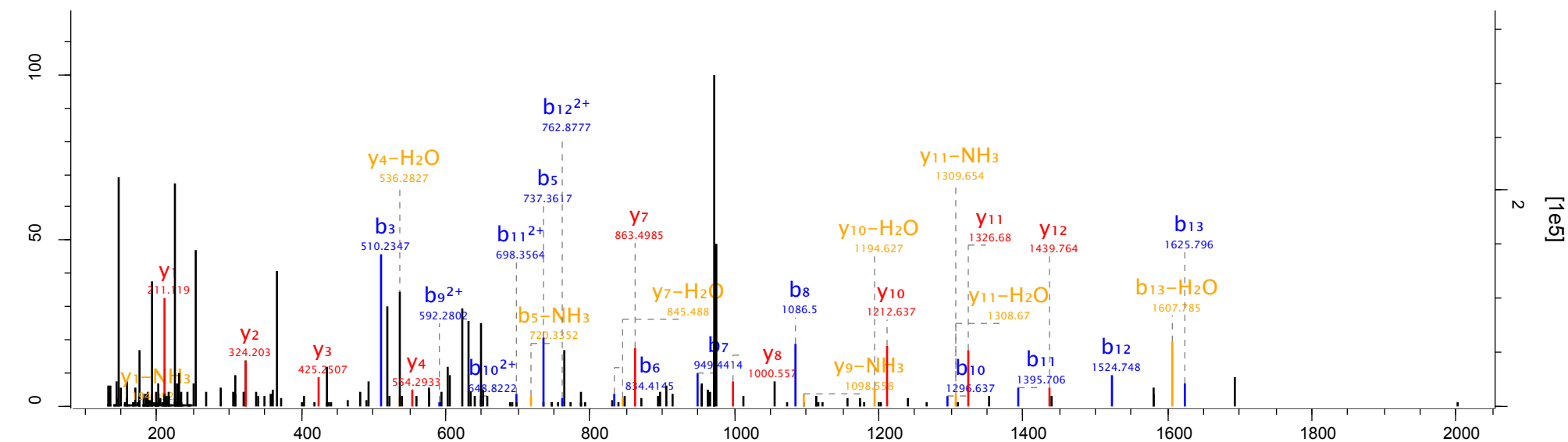
A E V D T Y C R -

b₂ b₃ b₄ b₈ y₇ y₆ y₅ y₁md

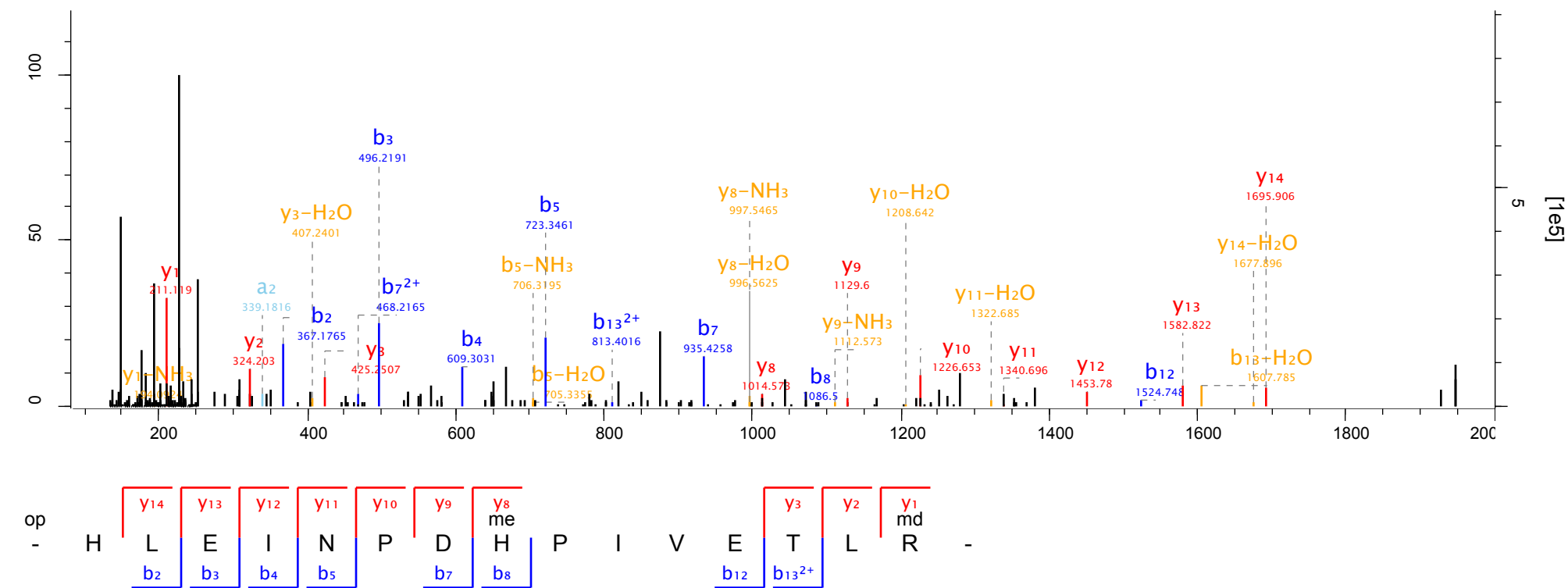
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	17158	FTMS; HCD	80.12	1079.22	ACTB;ACTG1

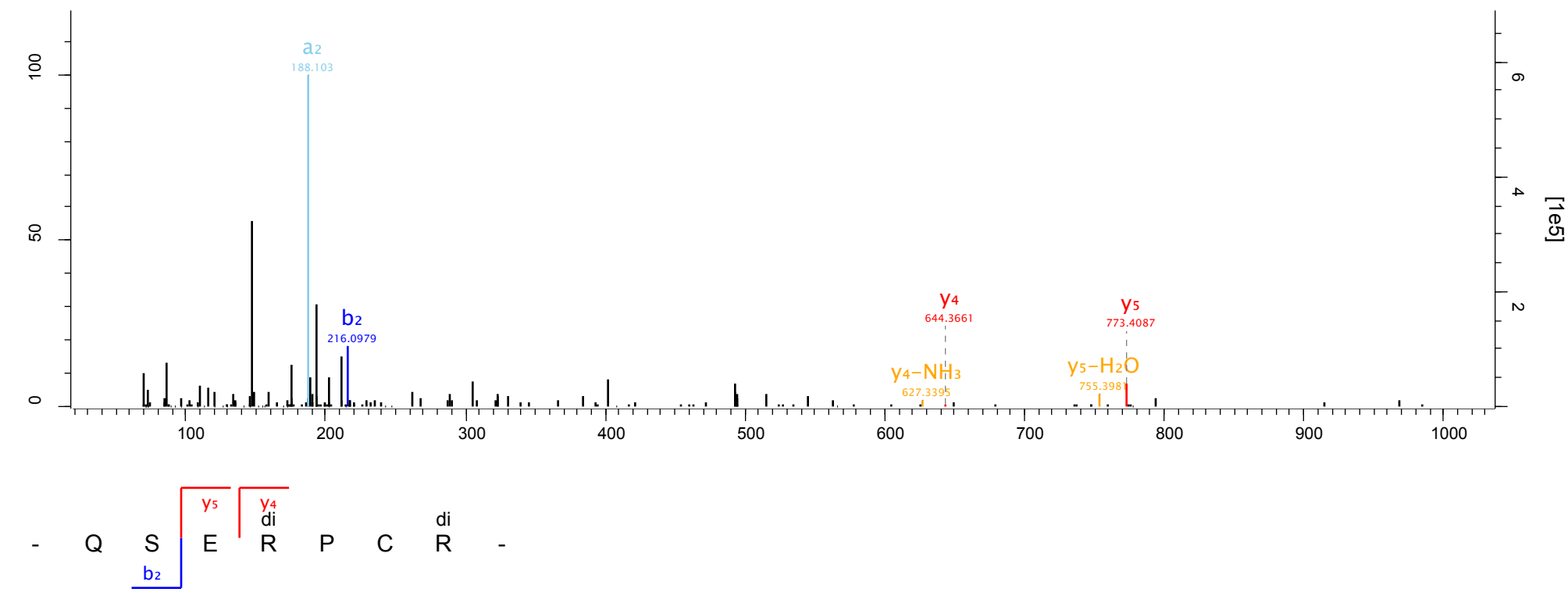


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	17397	FTMS; HCD	115.38	975	HSP90AB1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	17858	FTMS; HCD	101.53	650.67	HSP90AB1





Zhibin_20150902_MDAOPA_SCX_200mM

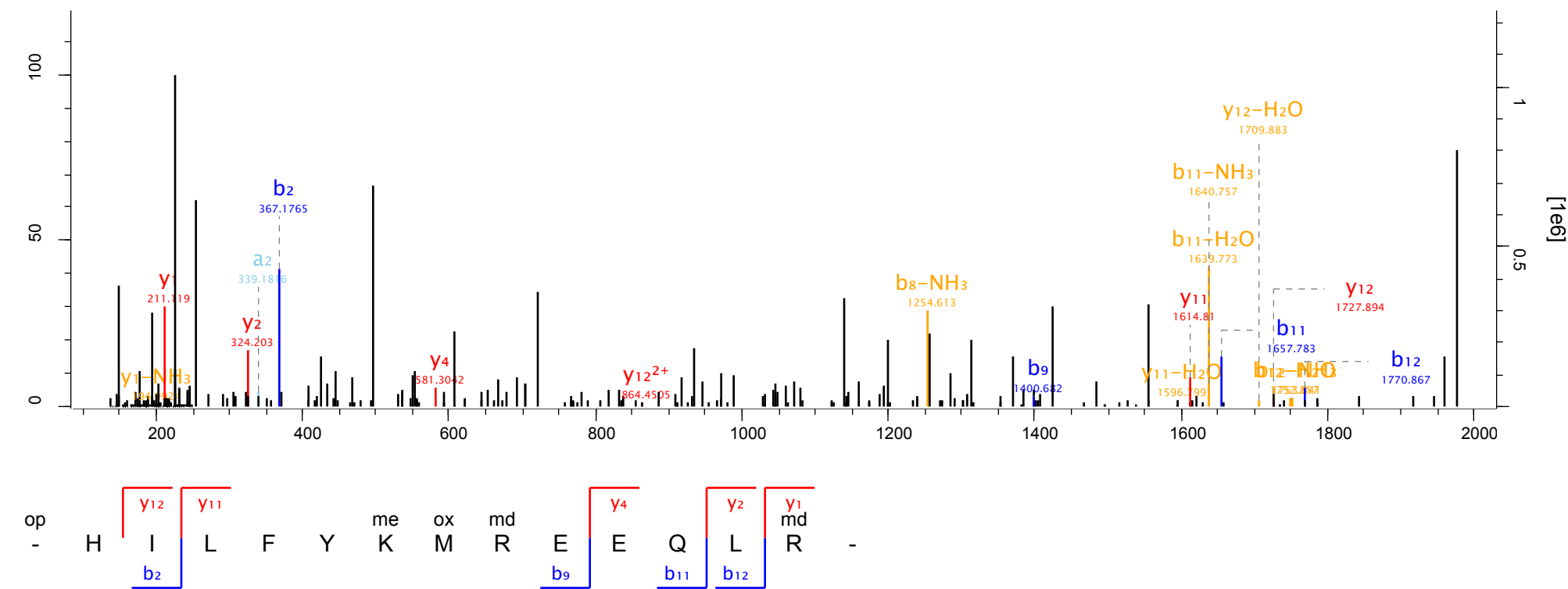
18687

FTMS; HCD

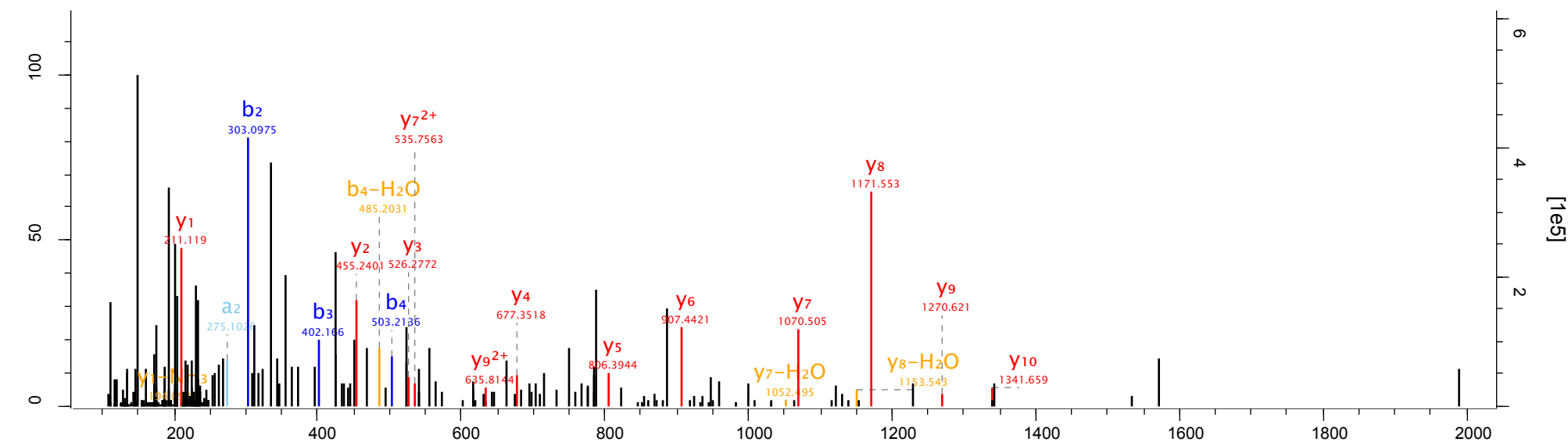
59.12

991.5

SH2D4B



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	18764	FTMS; HCD	83.18	786.86	HIST1H4A

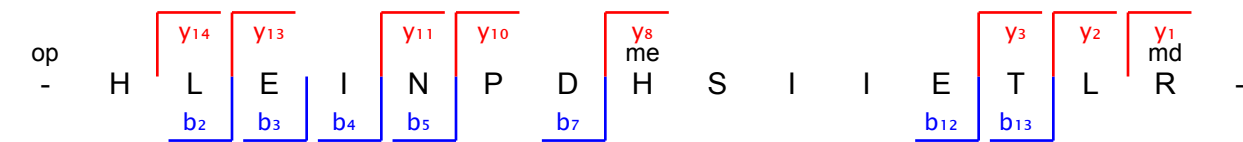
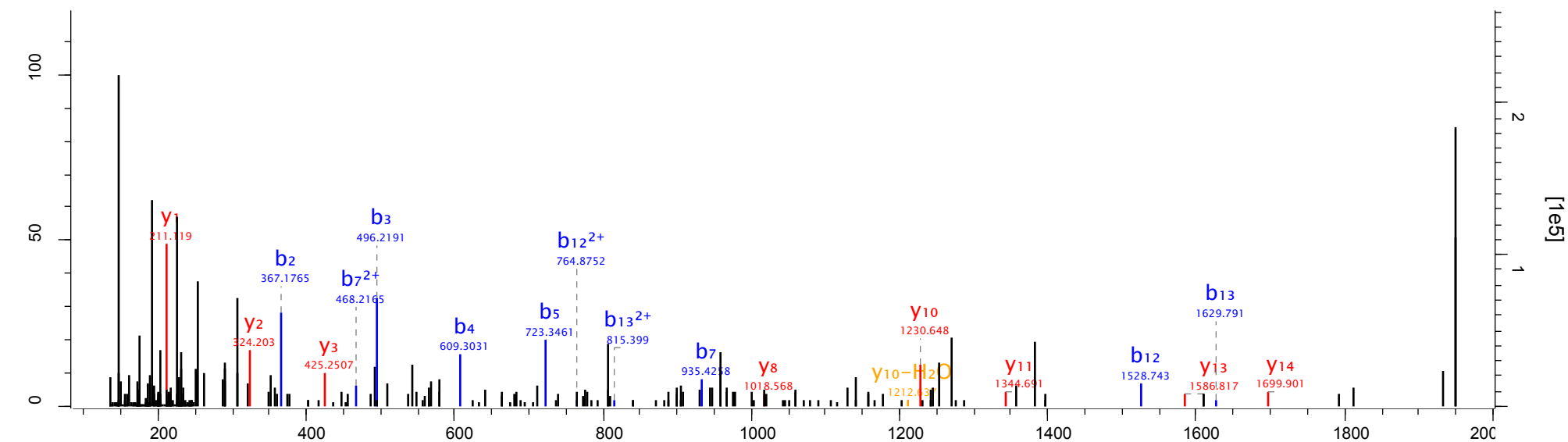


op
- D

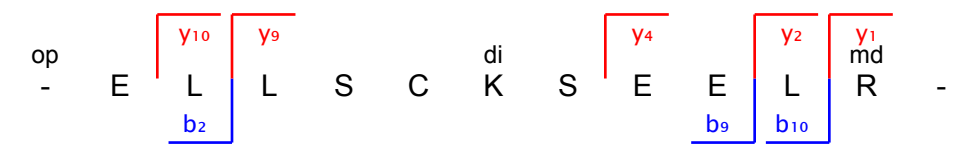
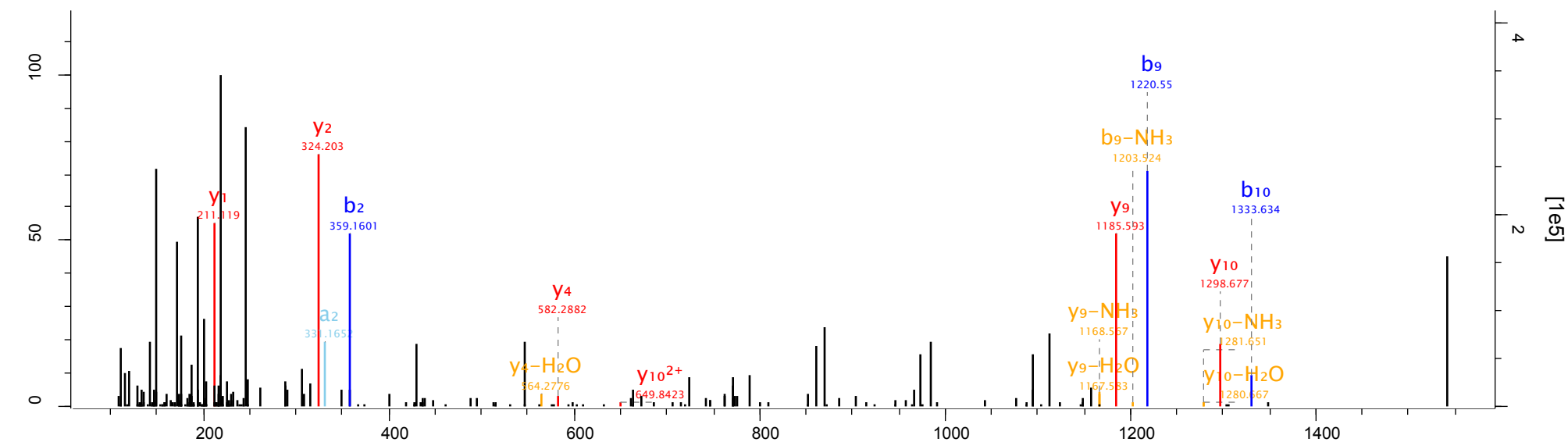
y ₁₀	y ₉	y ₈	y ₇	y ₆	y ₅	y ₄	y ₃	y ₂	y ₁
A	V	T	Y	T	E	me	A	op	md
b ₂	b ₃	b ₄				H		K	R

-

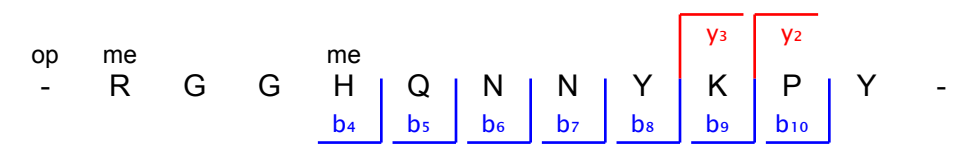
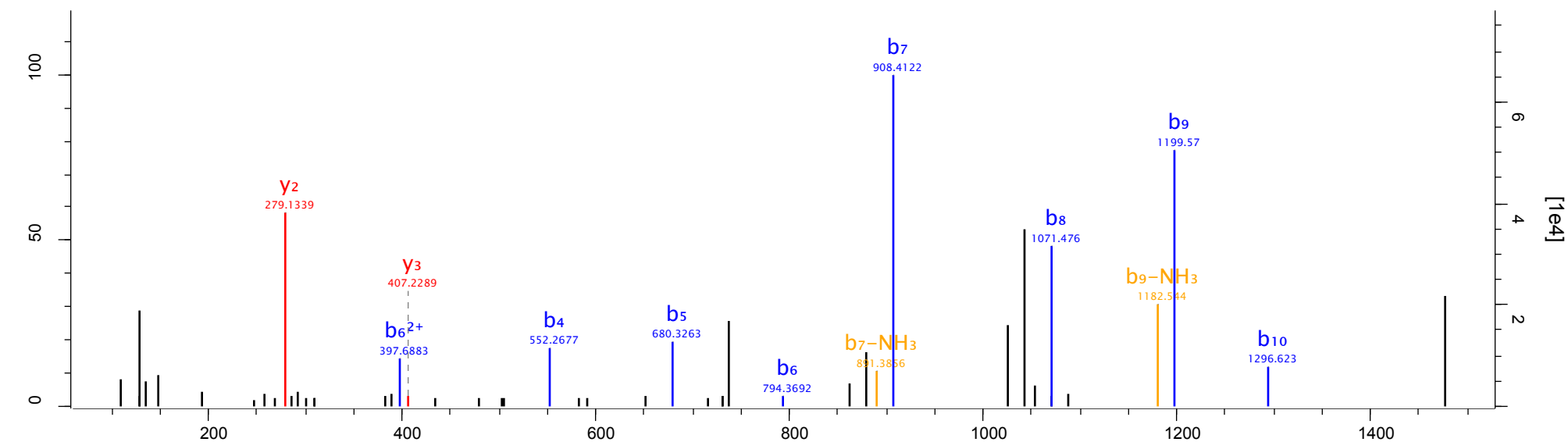
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	18868	FTMS; HCD	65.47	977	HSP90AA1



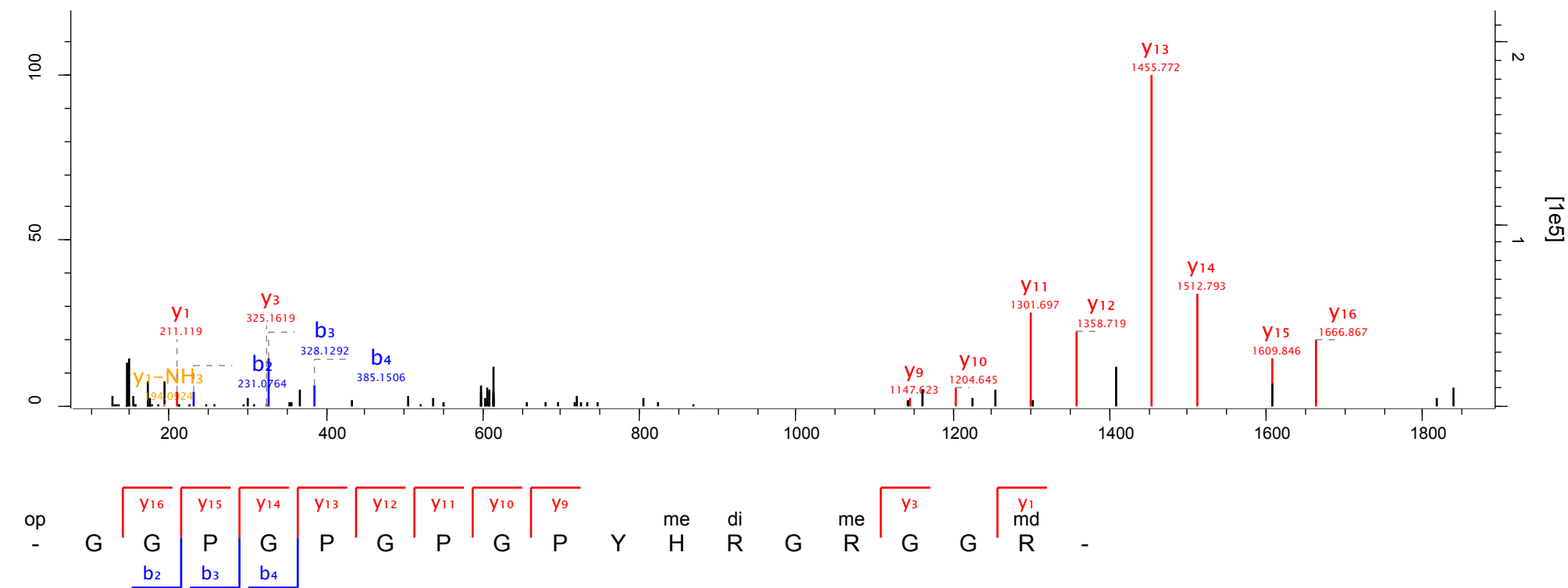
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_200mM	20423	FTMS; HCD	70.94	772.38	SPDL1



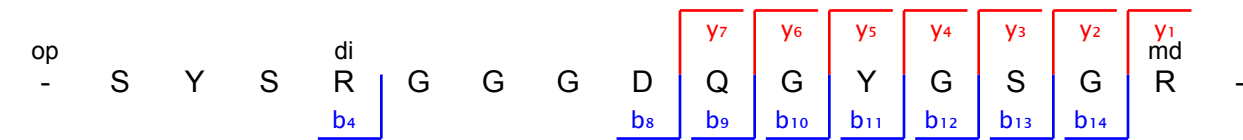
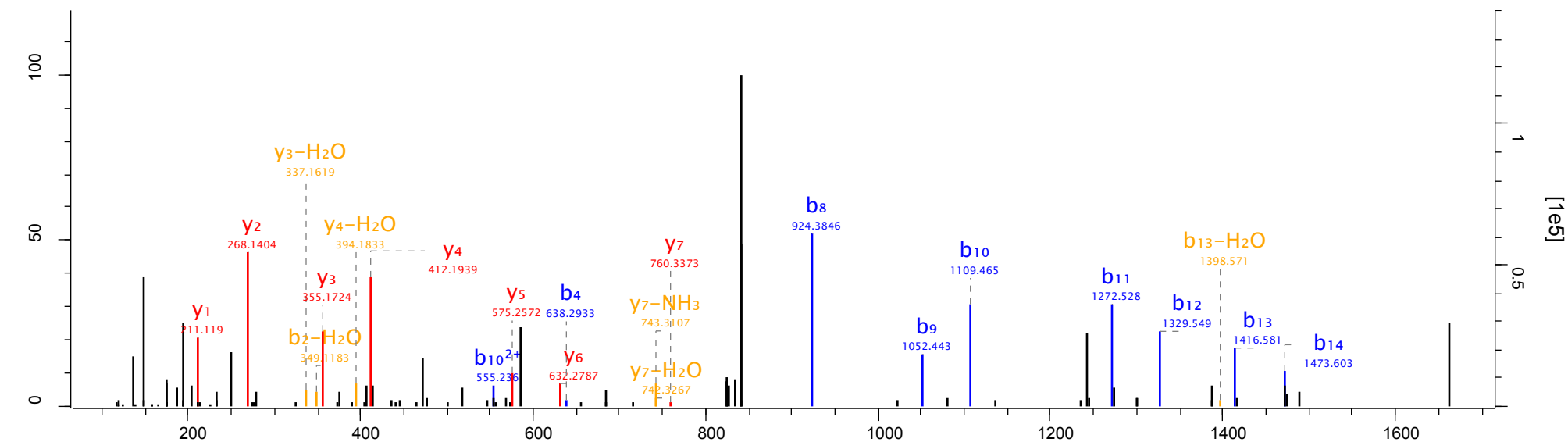
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	5321	FTMS; HCD	77.66	739.85	HNRNPAB



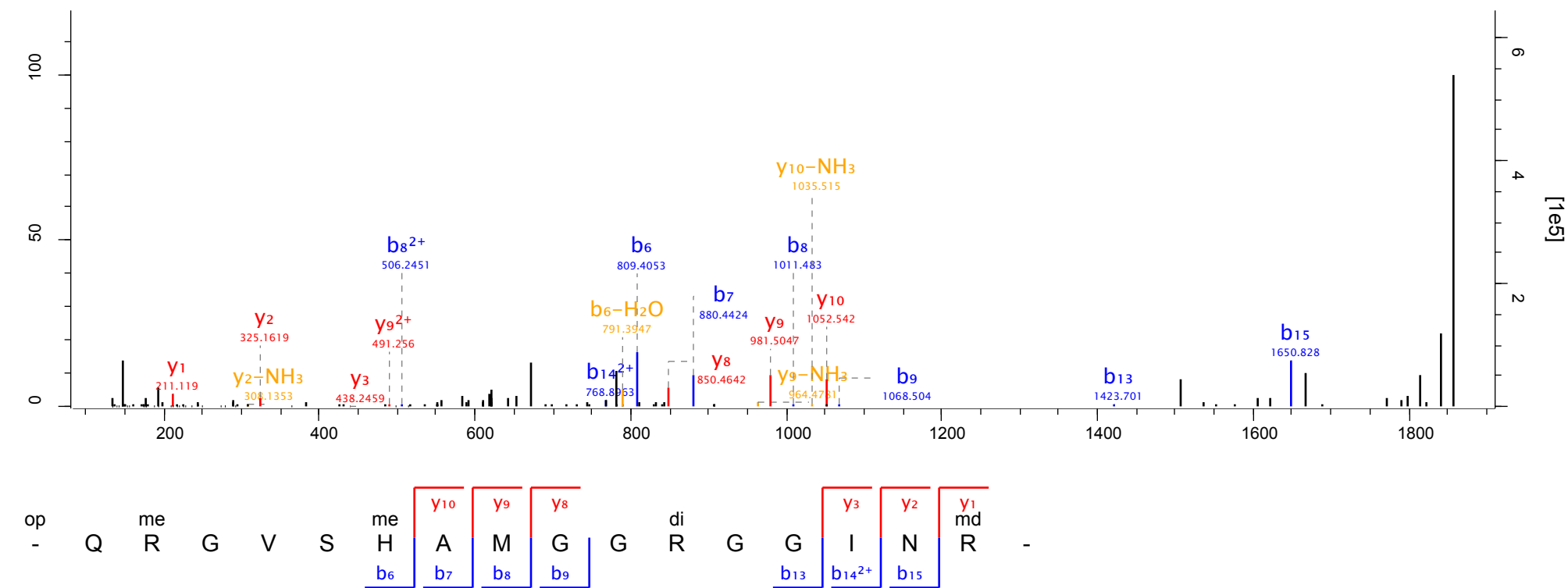
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	6296	FTMS; HCD	40.24	614.31	PPP1R10



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	6711	FTMS; HCD	101.53	842.86	RBM3



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	6801	FTMS; HCD	61.65	621.32	TPR



Raw file

Zhibin_20150902_MDAOPA_SCX_300mM

Scan

6925

Method

FTMS; HCD

Score

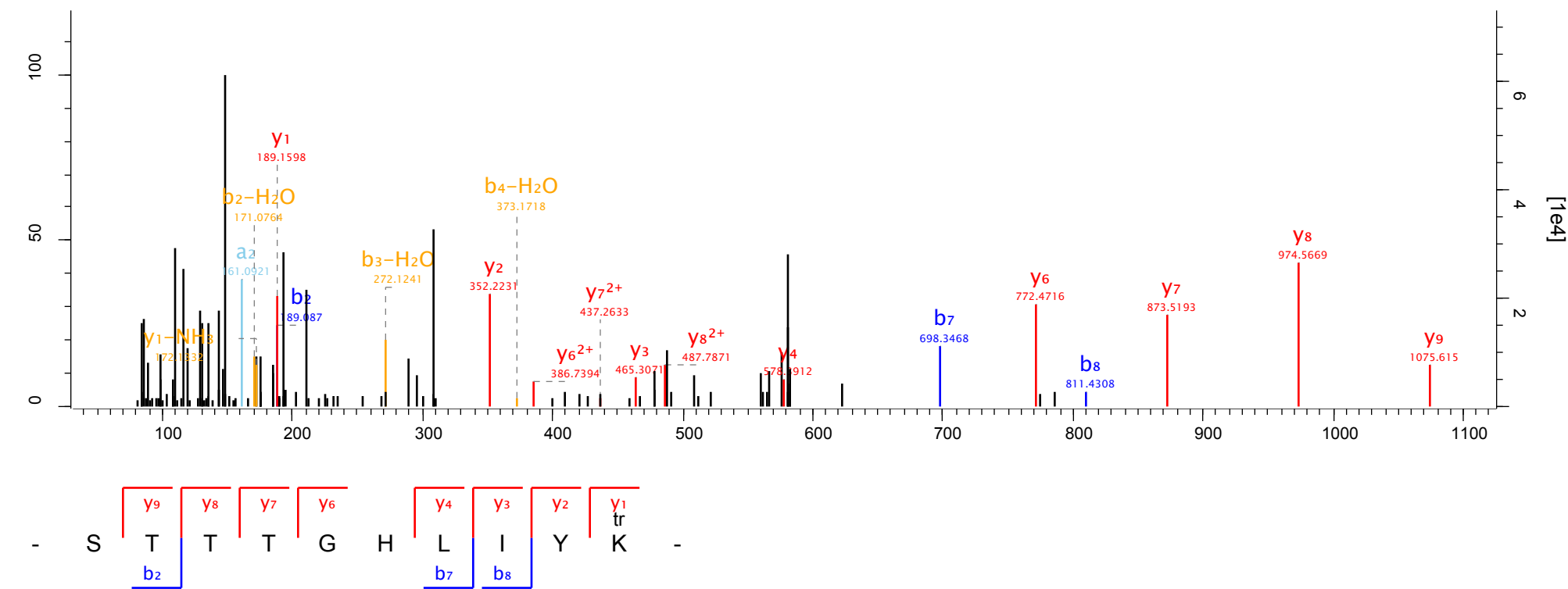
74.84

m/z

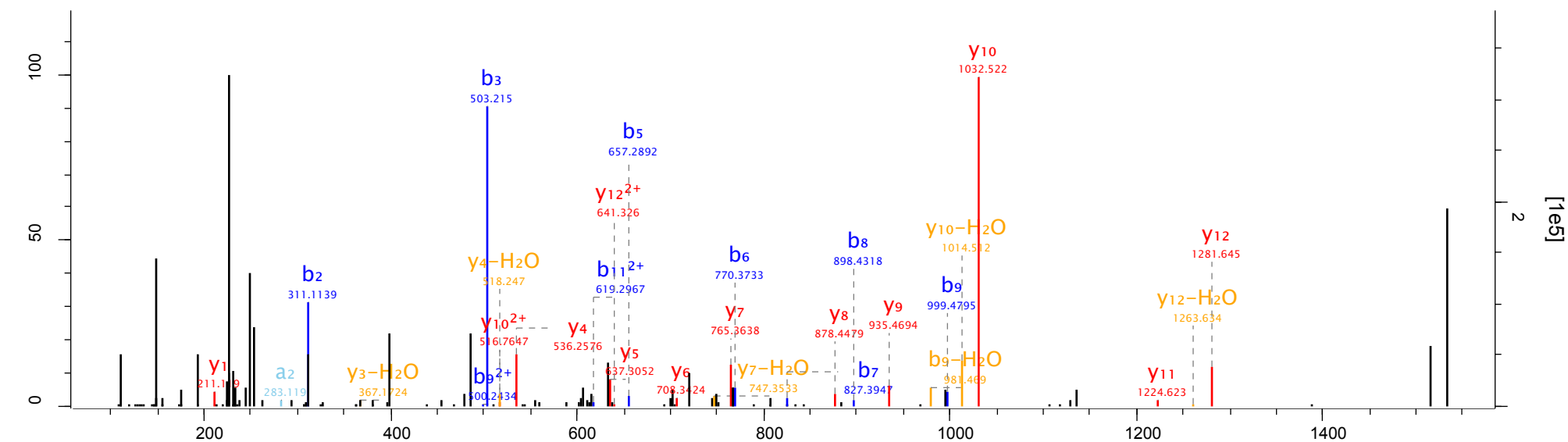
581.83

Gene names

EEF1A1;EEF1A1P5;EEF1A2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	7253	FTMS; HCD	106.58	767.87	RPS15



op - H y12 y11 md y10 y9 y8 y7 y6 y5 y4 me y1 md -

G R P G I G A T H S S R

b2 b3 b5 b6 b7 b8 b9 b112+

Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_300mM

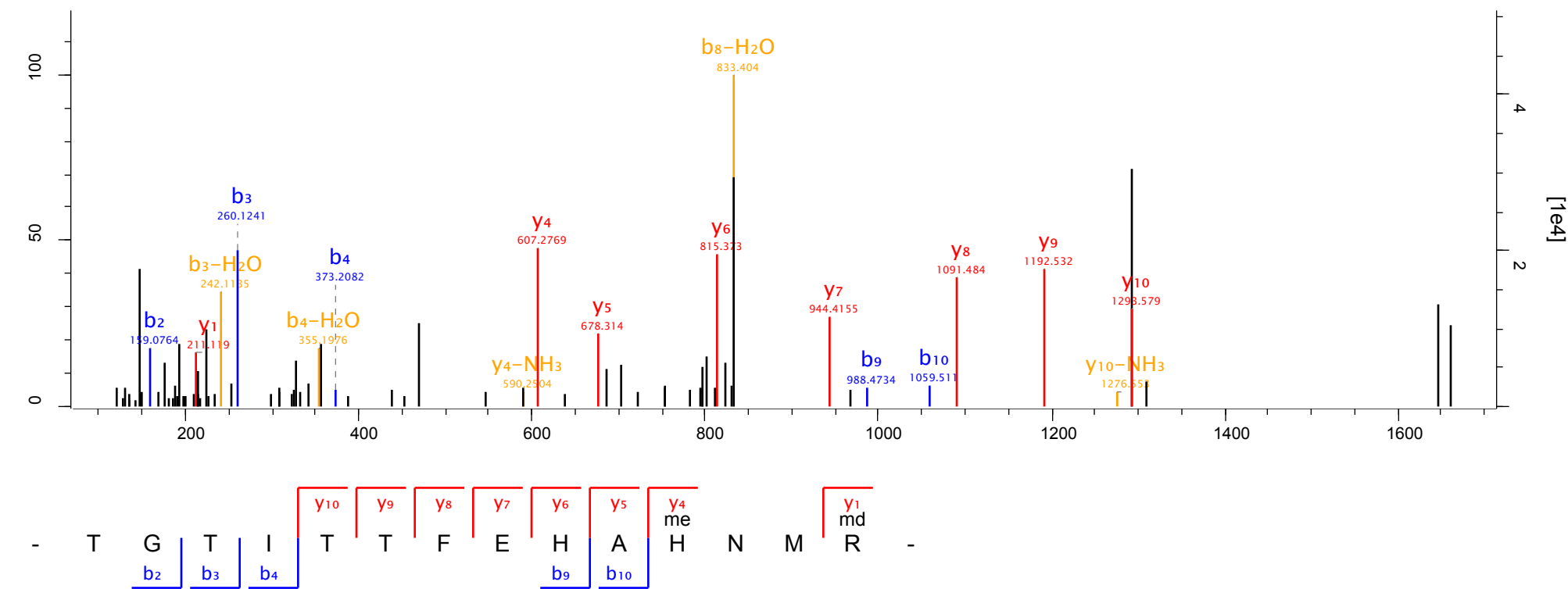
8067

FTMS; HCD

85.54

833.39

EEF2



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_300mM

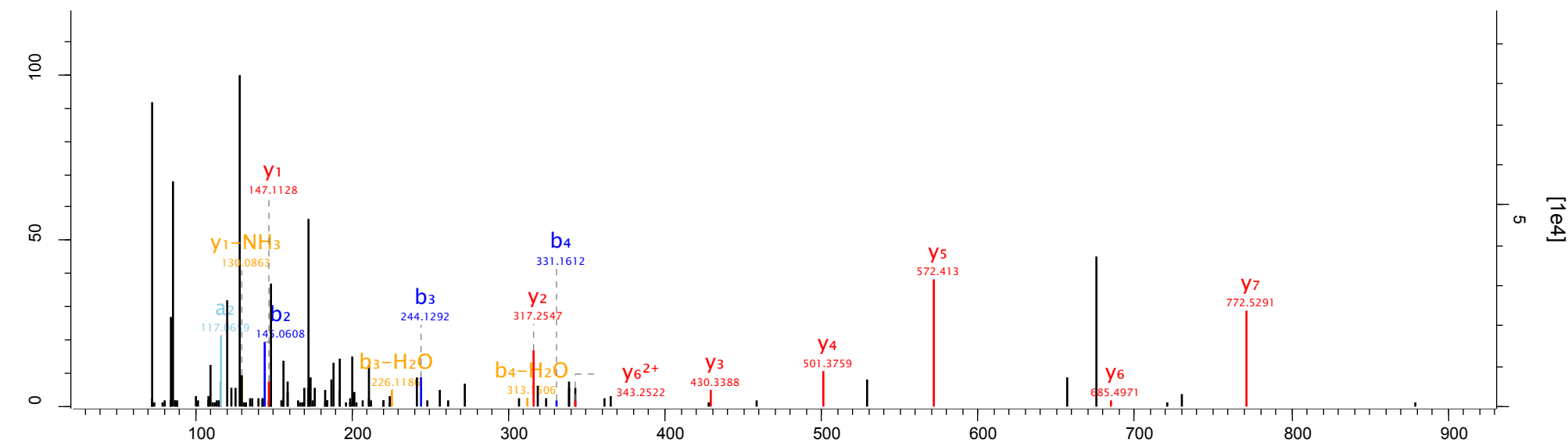
8068

FTMS; HCD

40.24

339.22

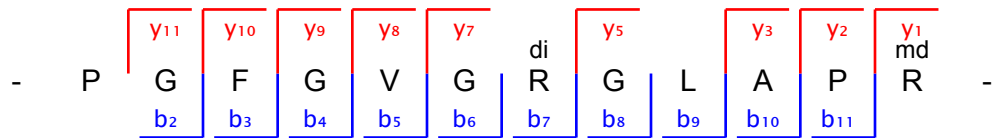
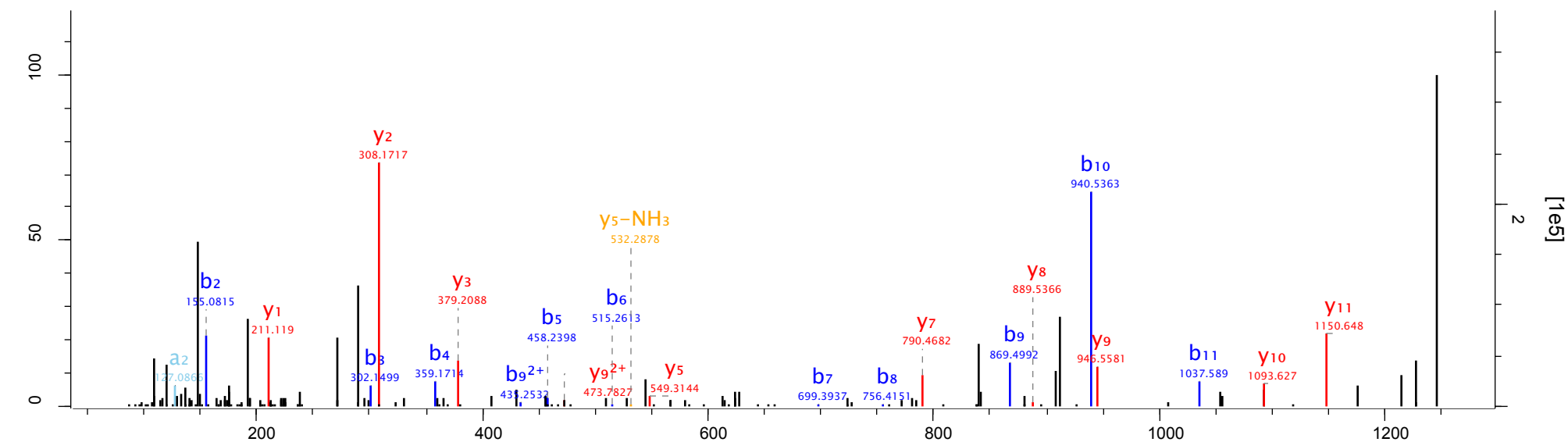
HIST1H1C;HIST1H1E;HIST1H1D



- S G V S L A A L K_{tr} K -

b₂ b₃ b₄ y₇ y₆ y₅ y₄ y₃ y₂ y₁

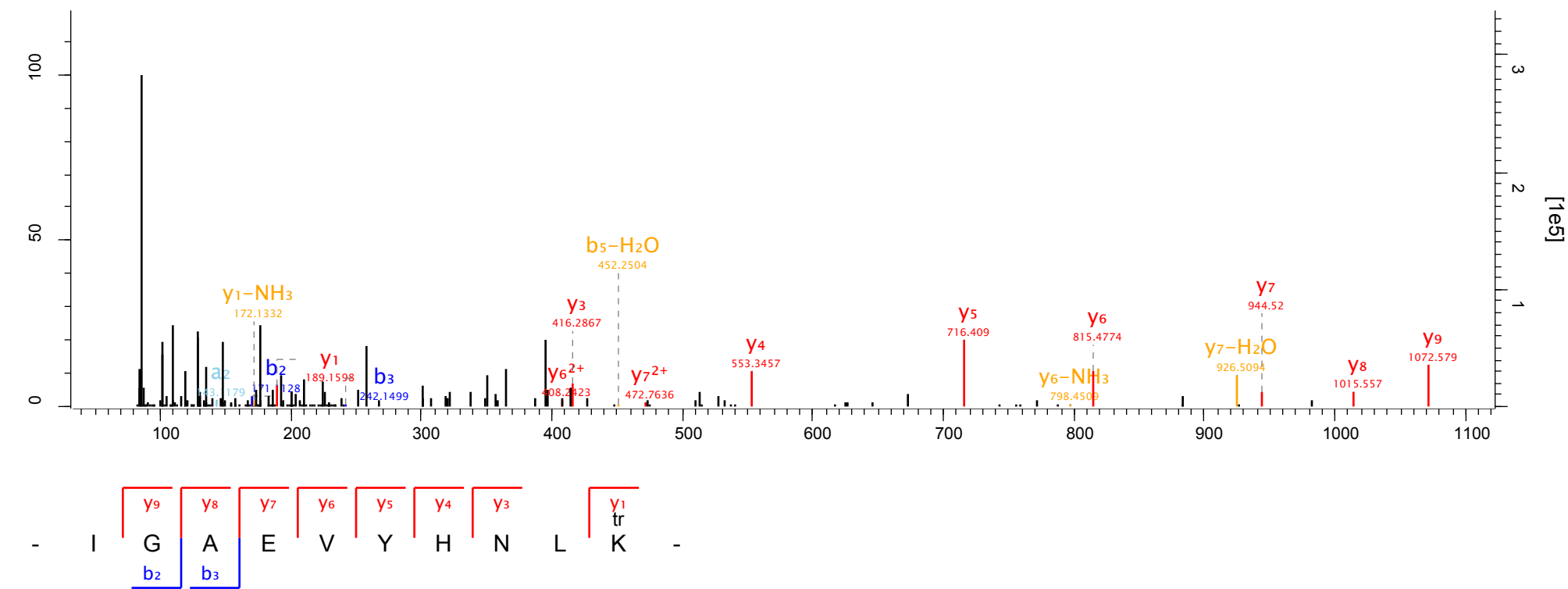
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	8215	FTMS; HCD	108.9	624.35	G3BP1



Raw file

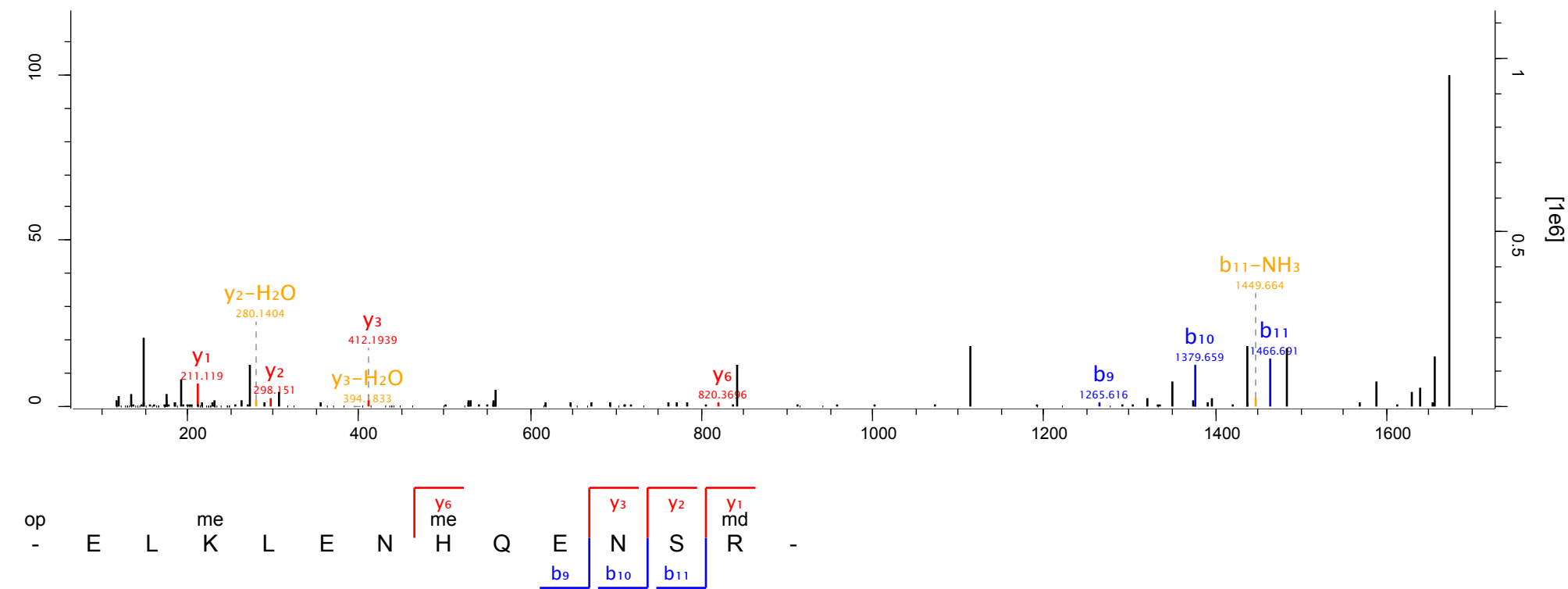
Zhibin_20150902_MDAOPA_SCX_300mM

Scan	Method	Score	m/z	Gene names
8288	FTMS; HCD	45.16	395.89	ENO1

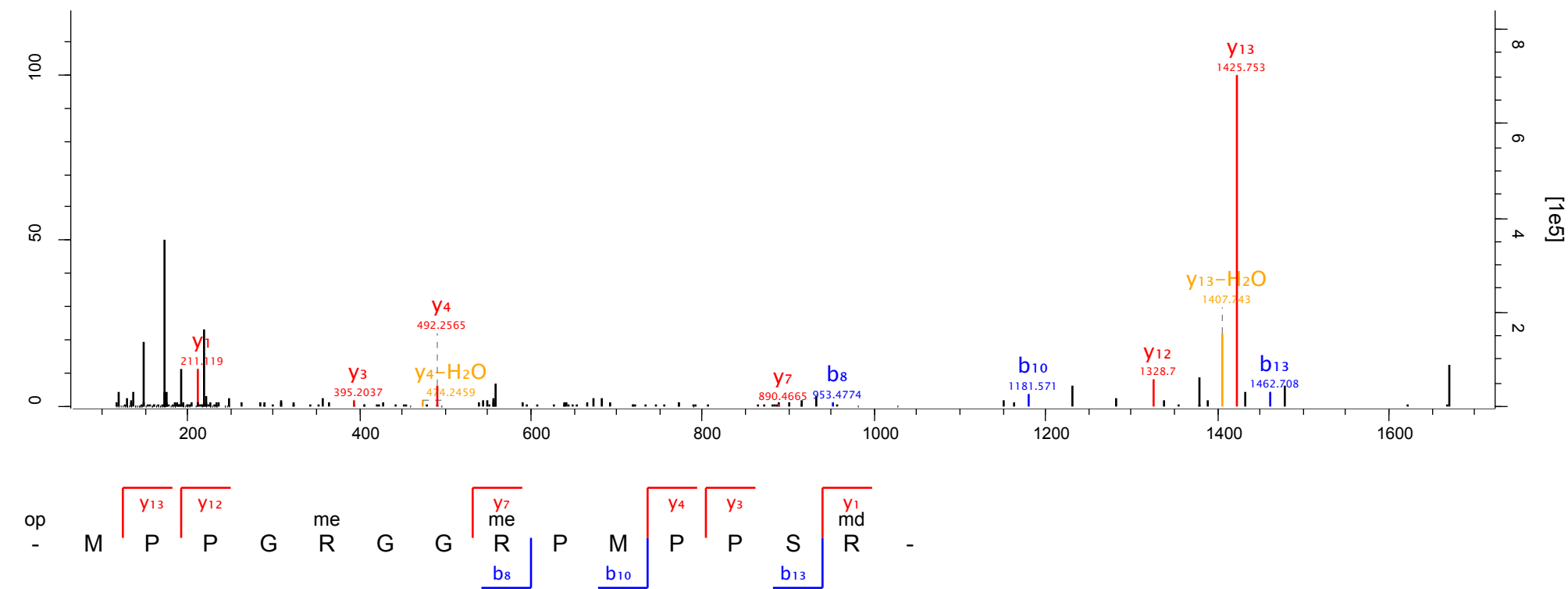


Scan	Method	Score	m/z	Gene names
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8745	FTMS; HCD	48.57	559.61	LYAR
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Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	9428	FTMS; HCD	40.94	558.28	HNRNPK



Raw file

Zhibin_20150902_MDAOPA_SCX_300mM

Scan

9453

Method

FTMS; HCD

Score

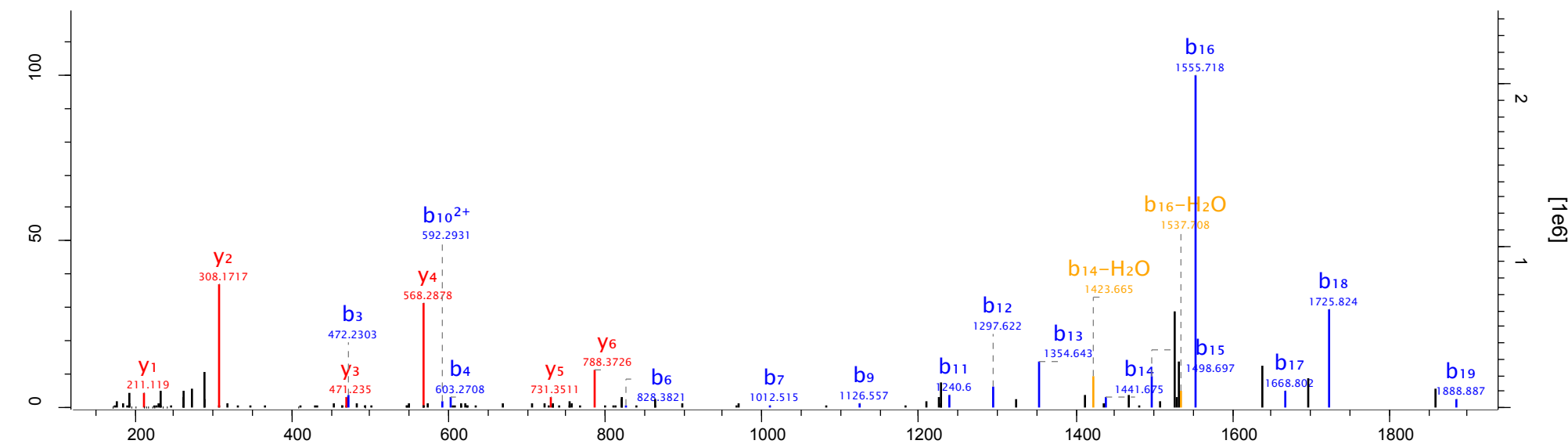
90.46

m/z

615.05

Gene names

HNRNPU



[1e6]

2

1

0

op

-

di

R

G

N

M

P

Q

di

R

G

G

G

G

G

G

S

G

G

I

y6

G

y5

Y

y4

P

y3

Y

y2

P

y1

md

R

-

Raw file

Zhibin_20150902_MDAOPA_SCX_300mM

Scan

10402

Method

FTMS; HCD

Score

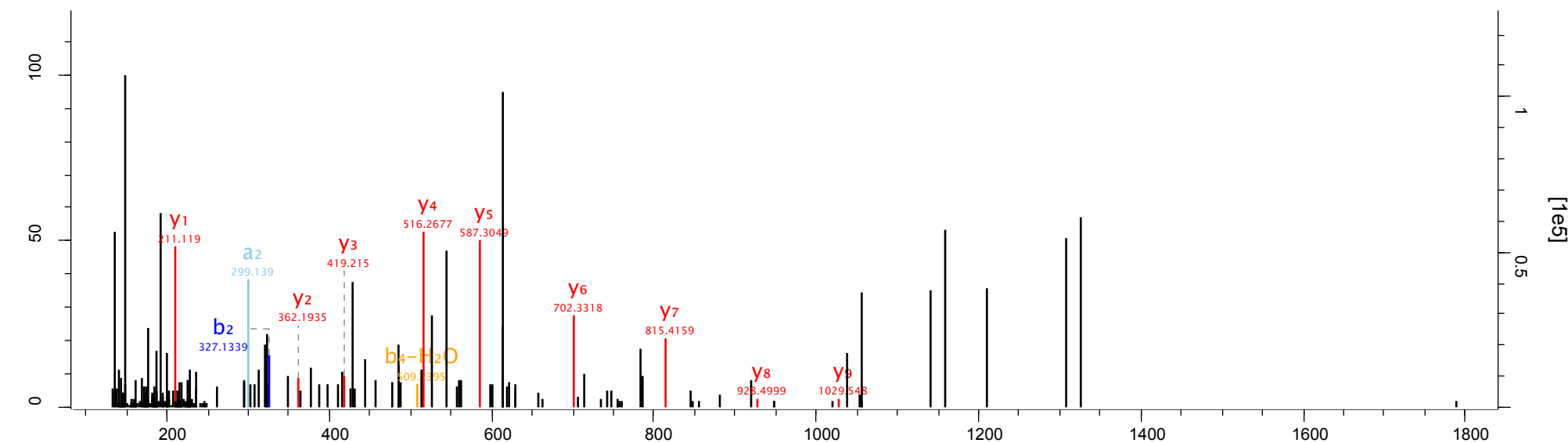
40.77

m/z

486.51

Gene names

EEF1A1;EEF1A1P5



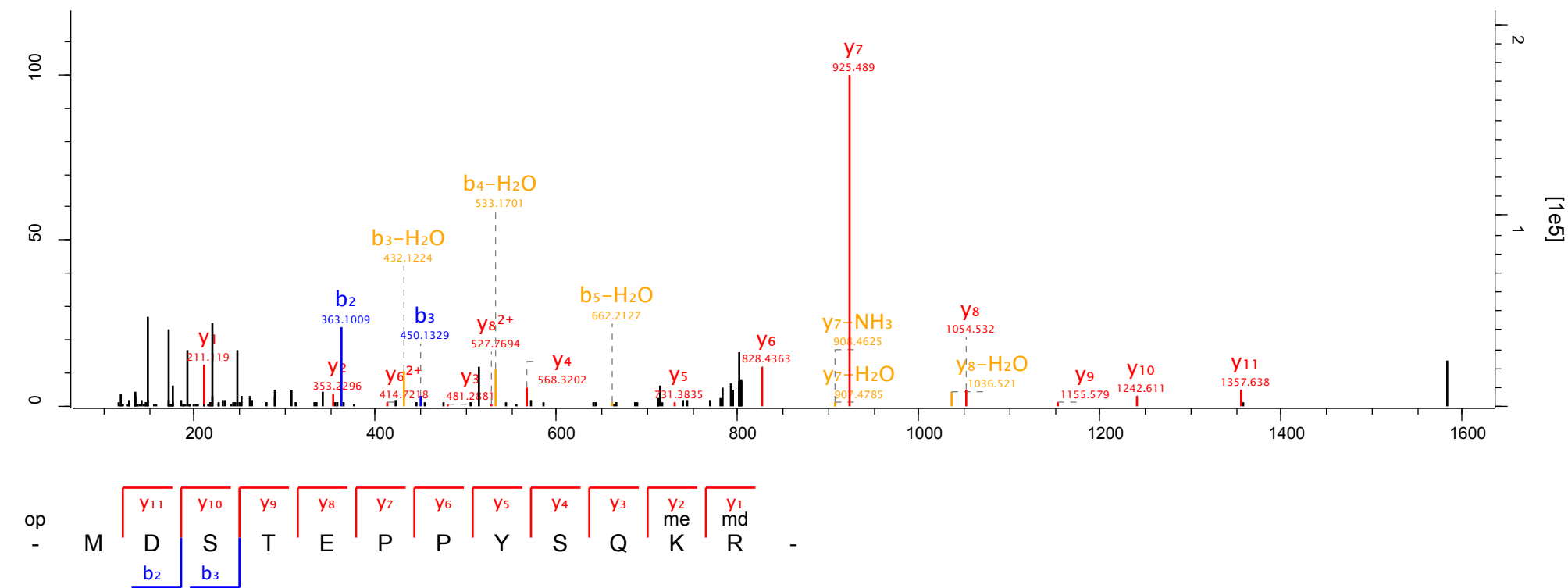
- Y Y V T I I D A P G H R -

b2

y9 y8 y7 y6 y5 y4 y3 y2 y1

me md

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	10445	FTMS; HCD	76.07	803.36	EEF1A1;EEF1A1P5



Raw file

Zhibin_20150902_MDAOPA_SCX_300mM

Scan

10585

Method

FTMS; HCD

Score

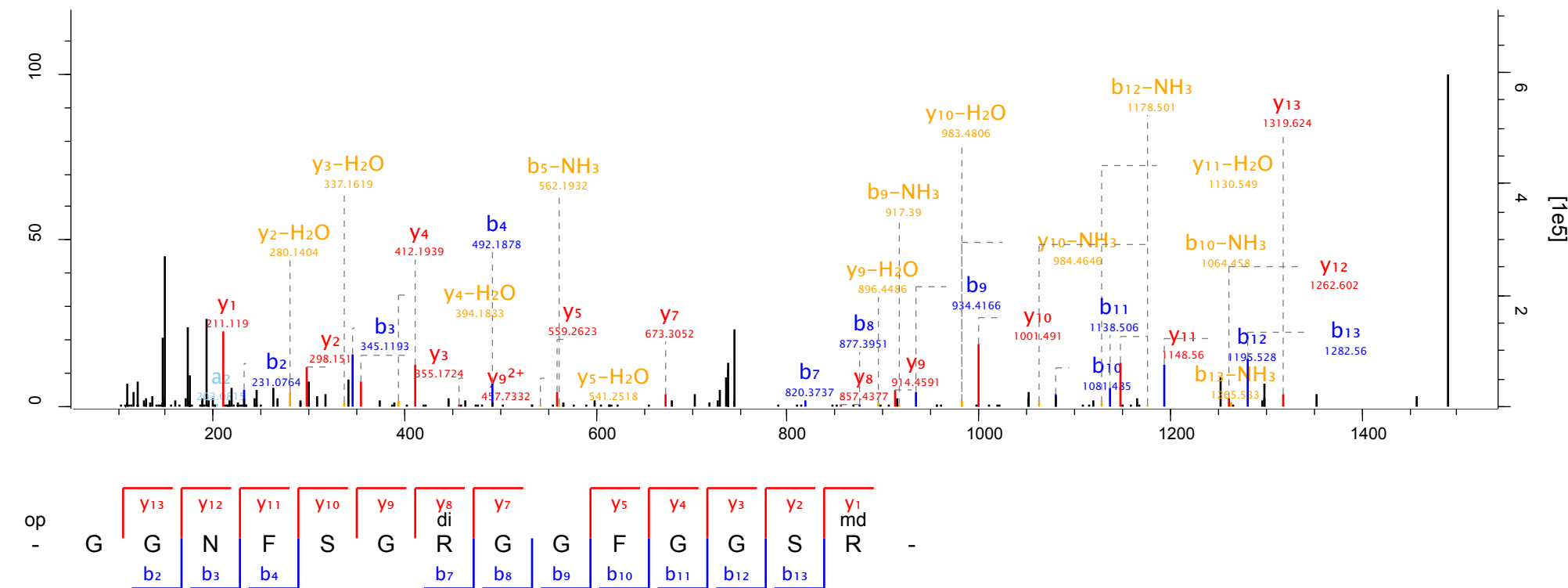
145.39

m/z

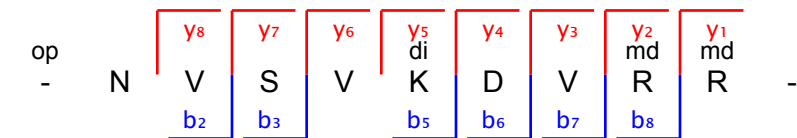
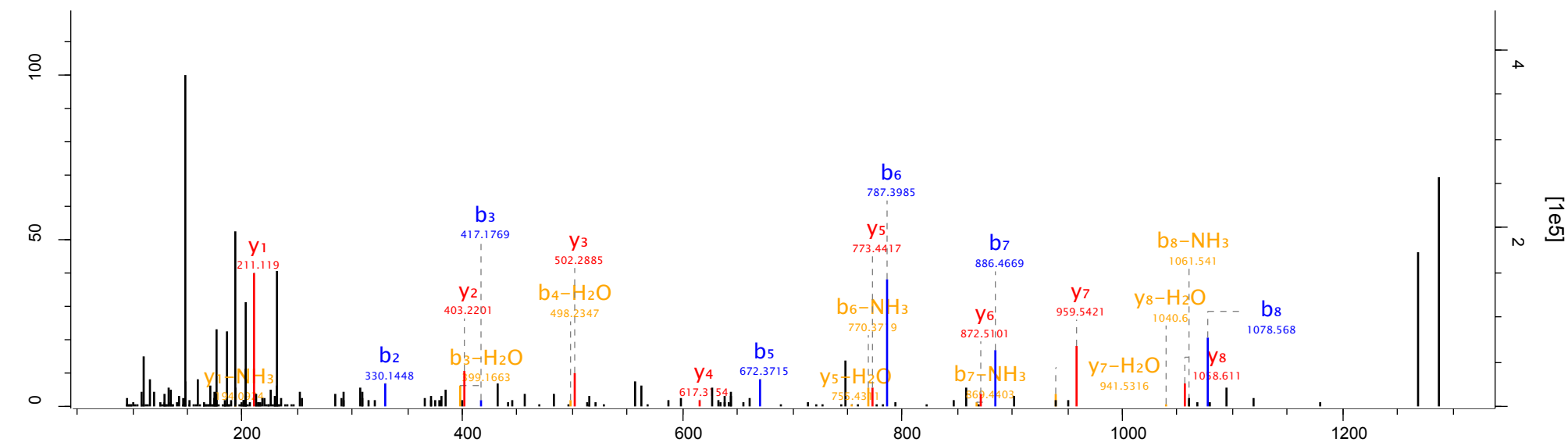
746.84

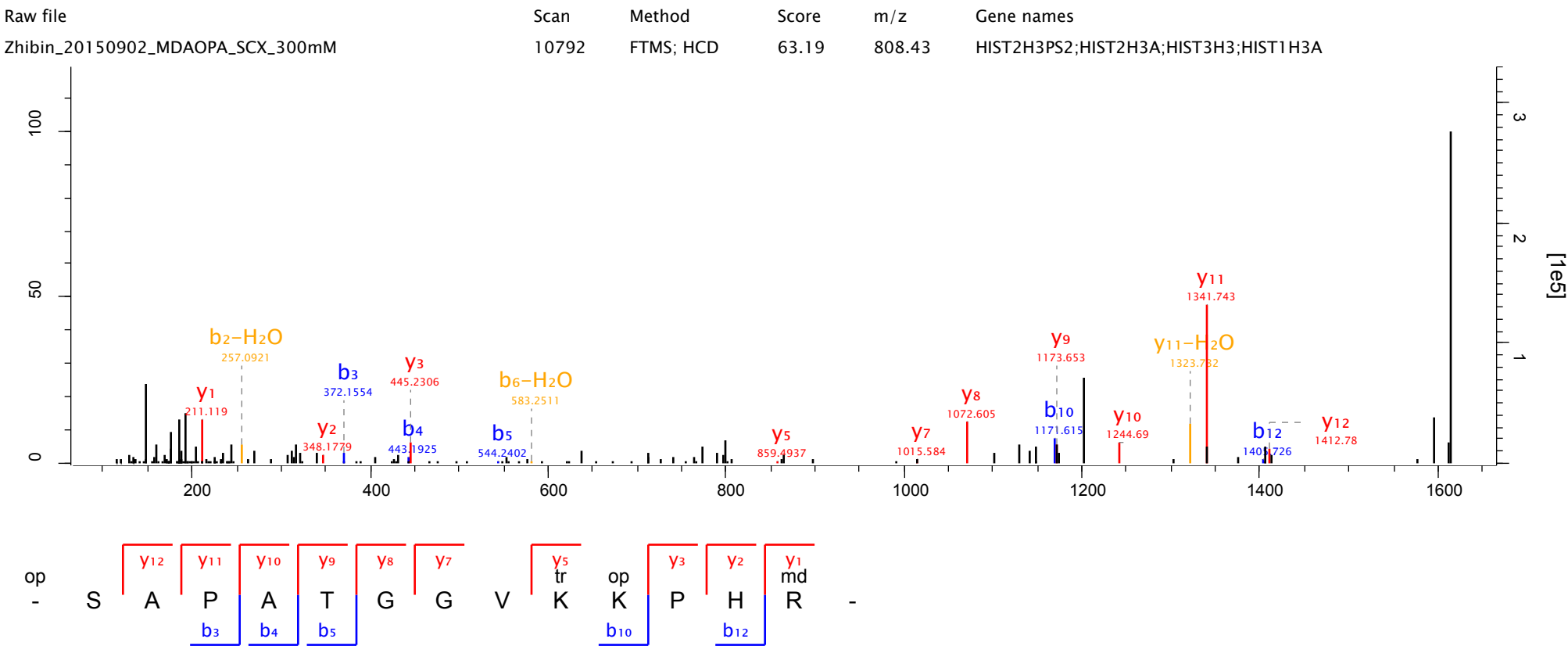
Gene names

HNRNPA1

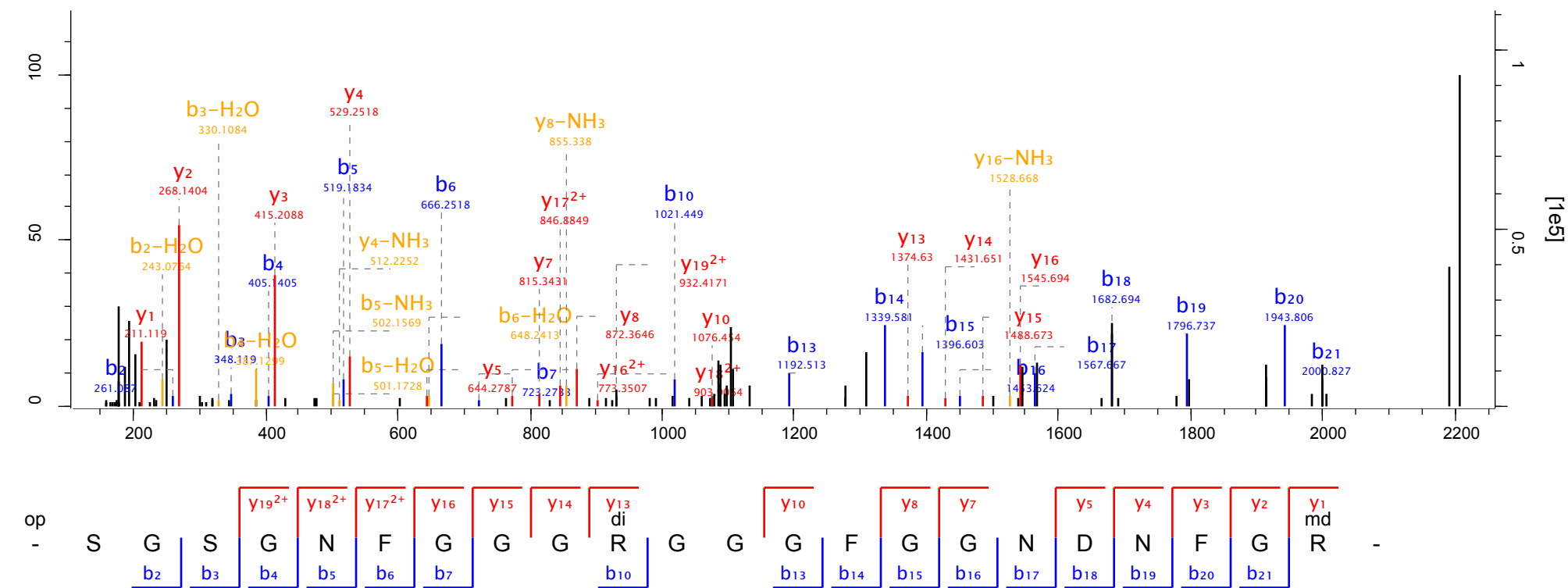


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	10668	FTMS; HCD	104.82	644.85	EEF1A1;EEF1A1P5





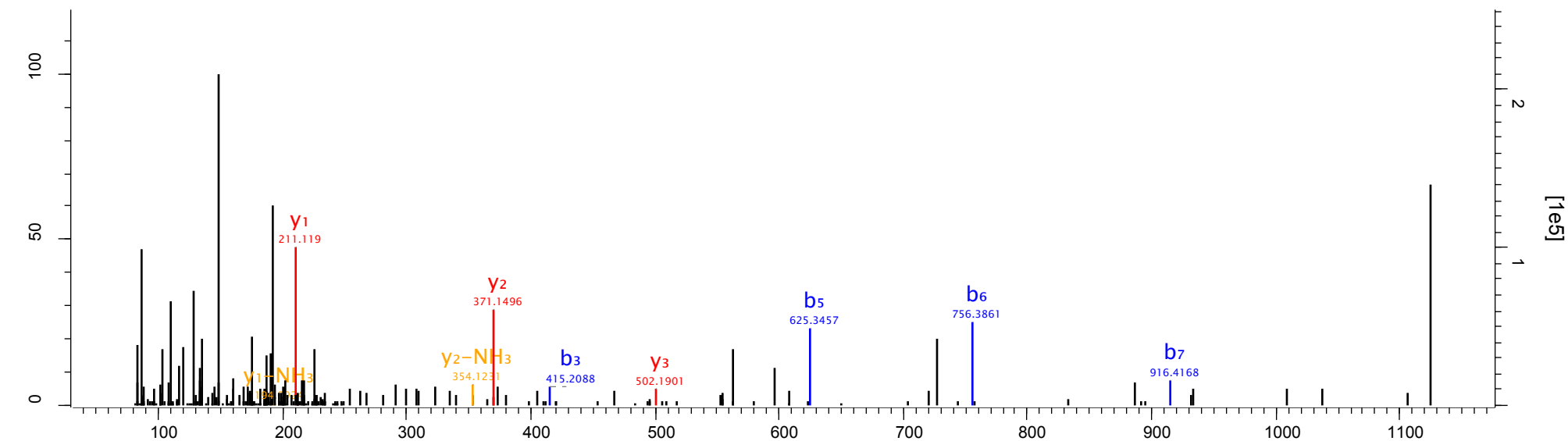
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	11167	FTMS; HCD	166.35	1106.48	HNRNPA1



Raw file

Zhibin_20150902_MDAOPA_SCX_300mM

Scan	Method	Score	m/z	Gene names
11262	FTMS; HCD	54.16	563.77	RBM33



op di
- R G G P L M C R -

b₃ b₅ b₆ b₇ y₃ y₂ y₁ md

Raw file

Zhibin_20150902_MDAOPA_SCX_300mM

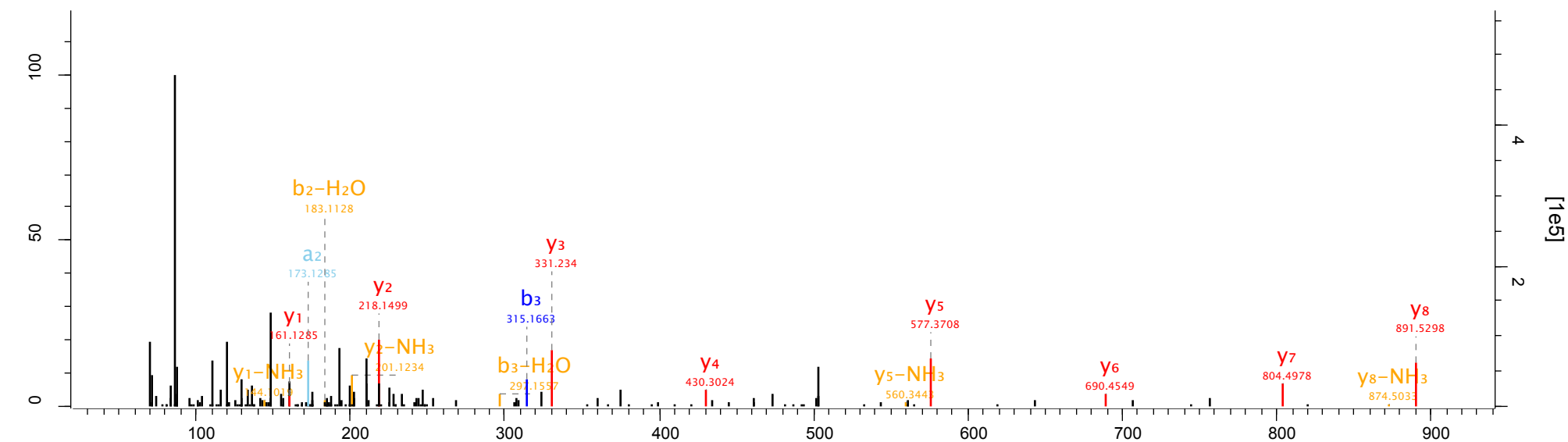
Scan
11299

Method
FTMS; HCD

Score
73.23

m/z
502.81

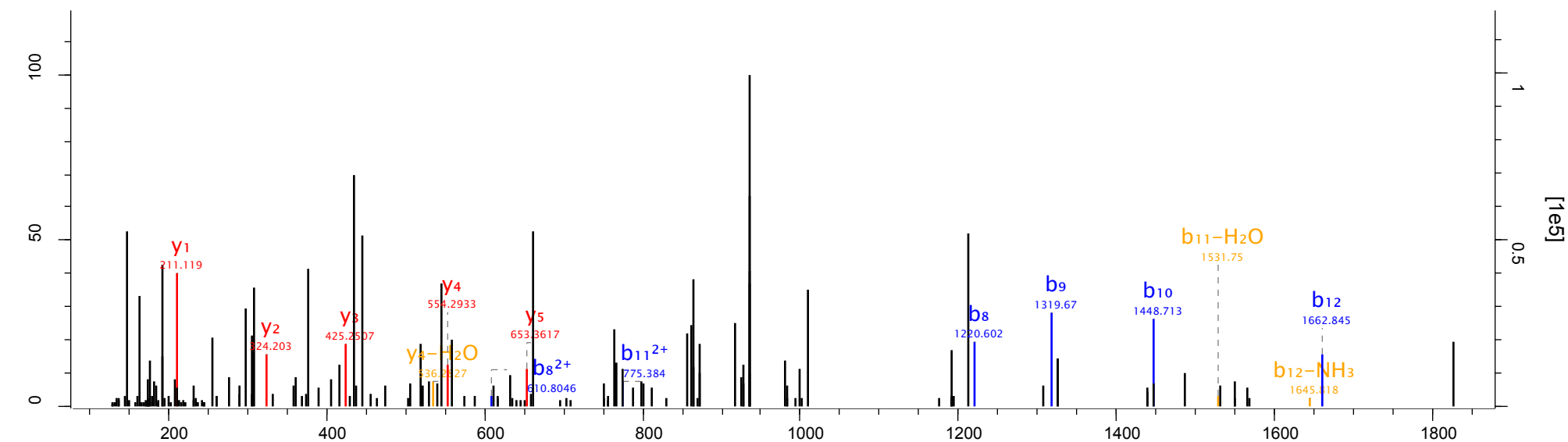
Gene names
RPS4X



- L S N I F V I G K -

a2 b3

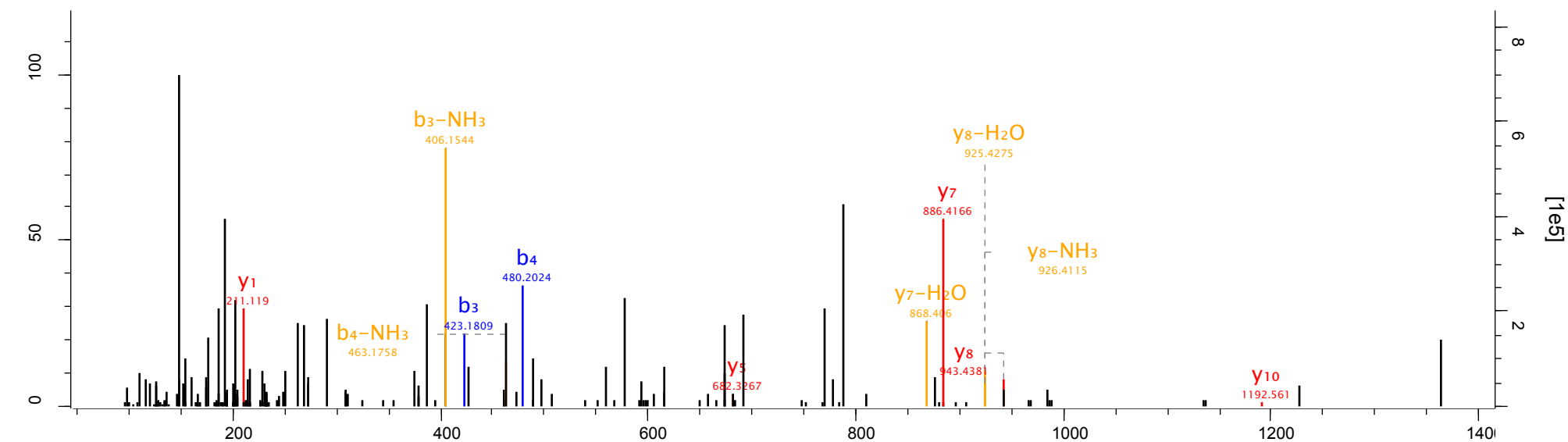
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	11908	FTMS; HCD	48.53	936.99	C7orf61



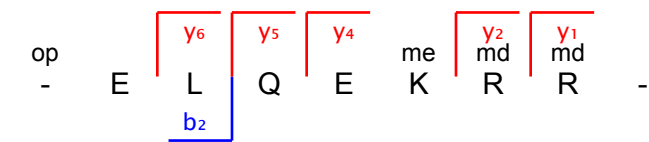
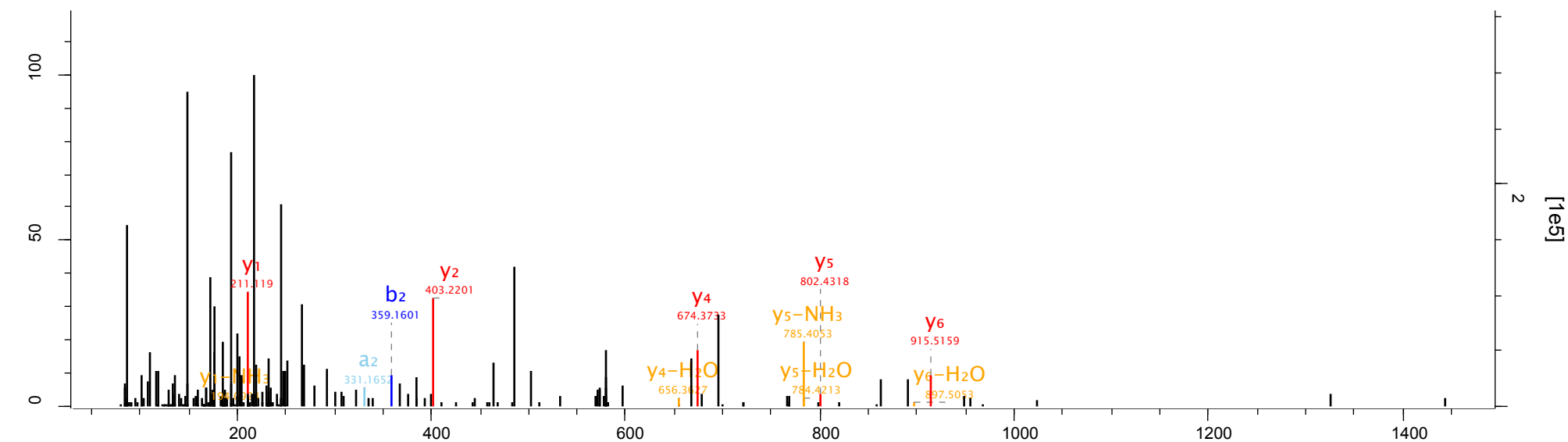
op - op K ox M E me K T L Q V V E T L R -

b₈ b₉ b₁₀ b₁₁²⁺ b₁₂ y₅ y₄ y₃ y₂ y₁ md

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	12770	FTMS; HCD	63.62	683.31	DDX17

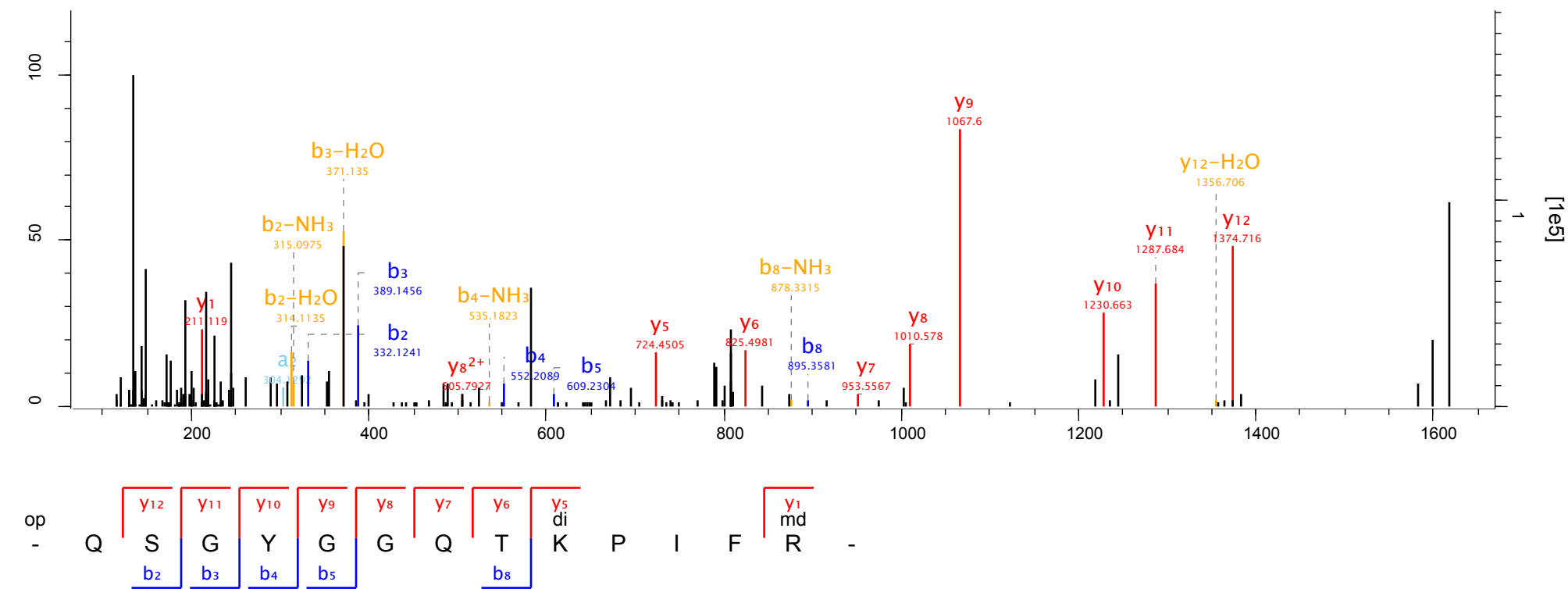


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	12880	FTMS; HCD	76.03	580.8	BLOC1S1



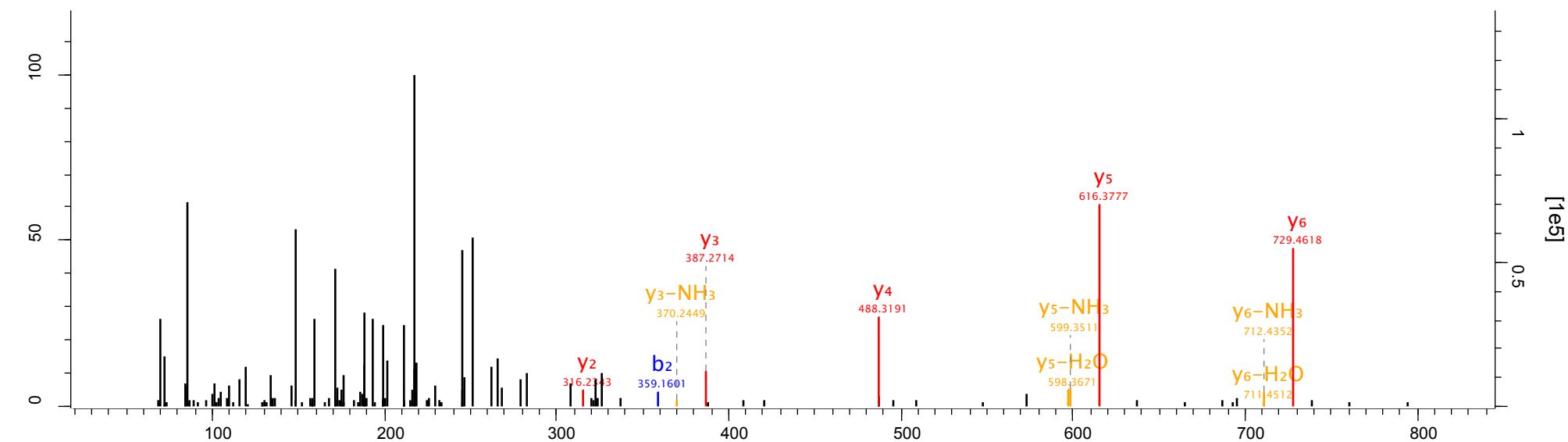
Gene names

RPL36AL;RPL36A;RPL36A-HNRNPH2



Raw file

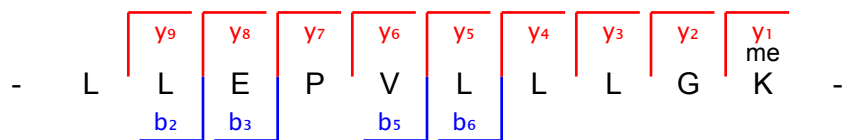
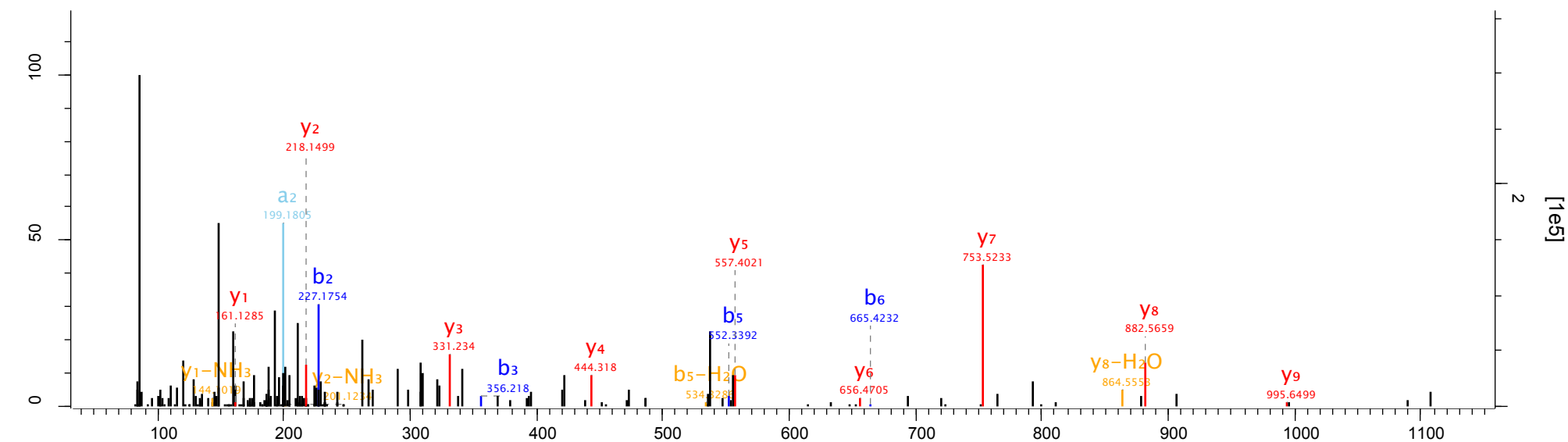
Scan	Method	Score	m/z	Gene names	
Zhibin_20150902_MDAOPA_SCX_300mM	15326	FTMS; HCD	58.6	487.77	KIAA1549



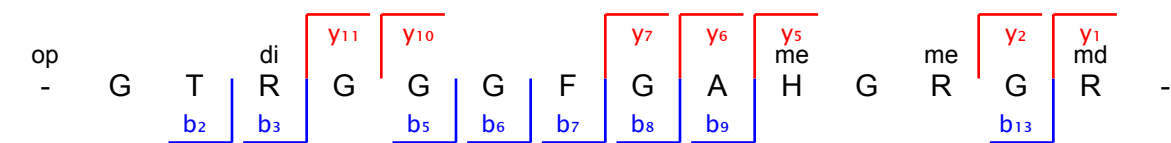
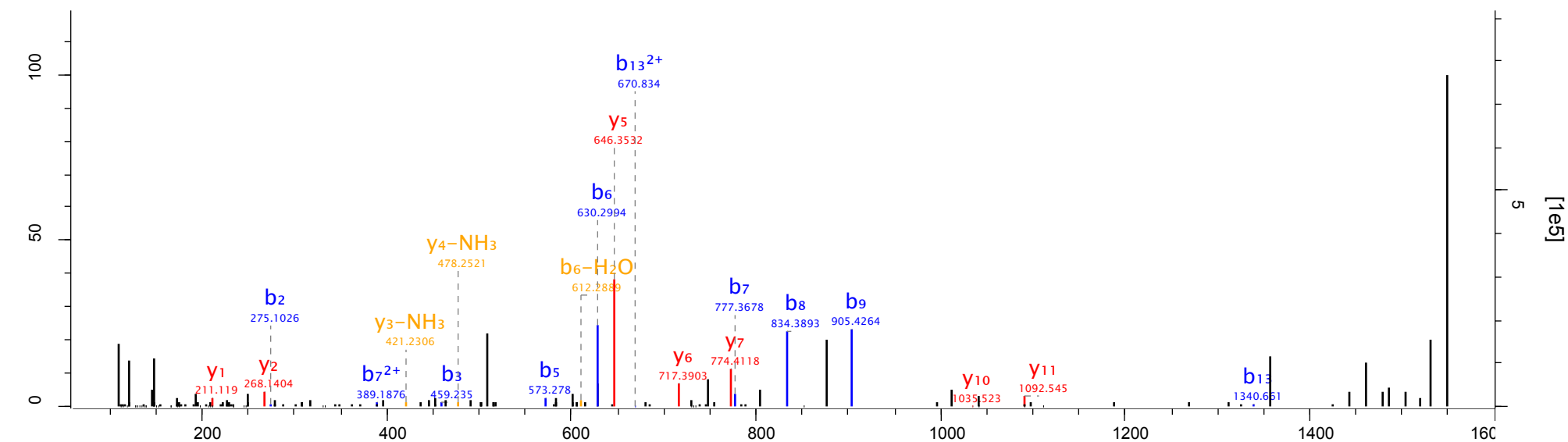
op
- E I Q T A L di R -

Fragmentation diagram showing the sequence of amino acids: E, I, Q, T, A, L, di, R. The diagram indicates the fragmentation points for the y6, y5, y4, y3, y2, and b2 ions.

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_300mM	15510	FTMS; HCD	64.73	554.87	RPS16

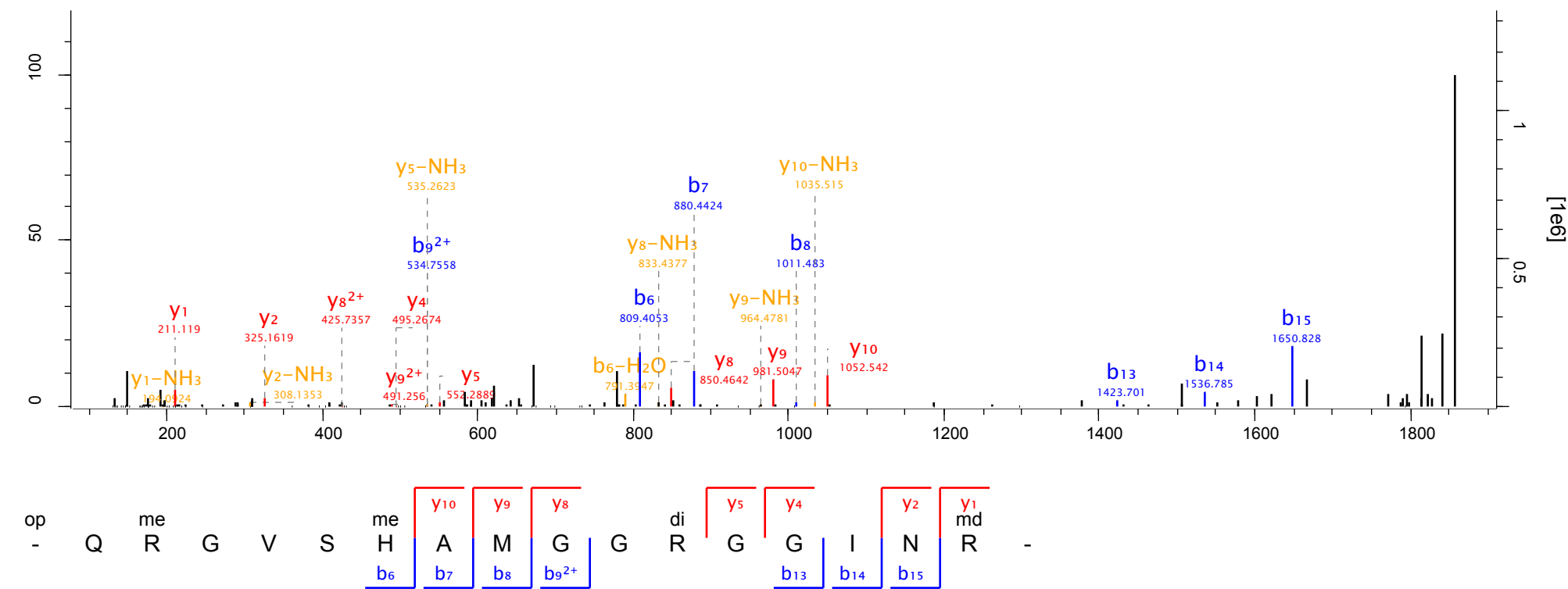


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	3655	FTMS; HCD	51.03	517.6	RBM3

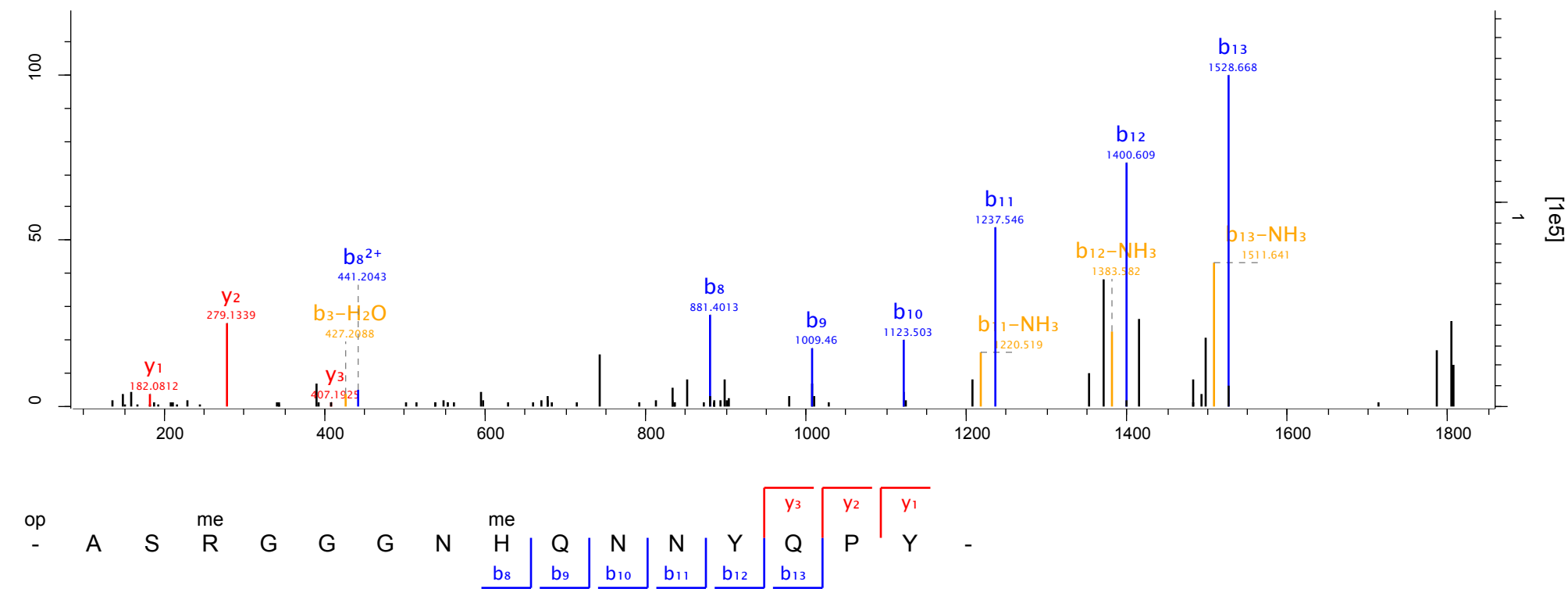


Gene names

TPR

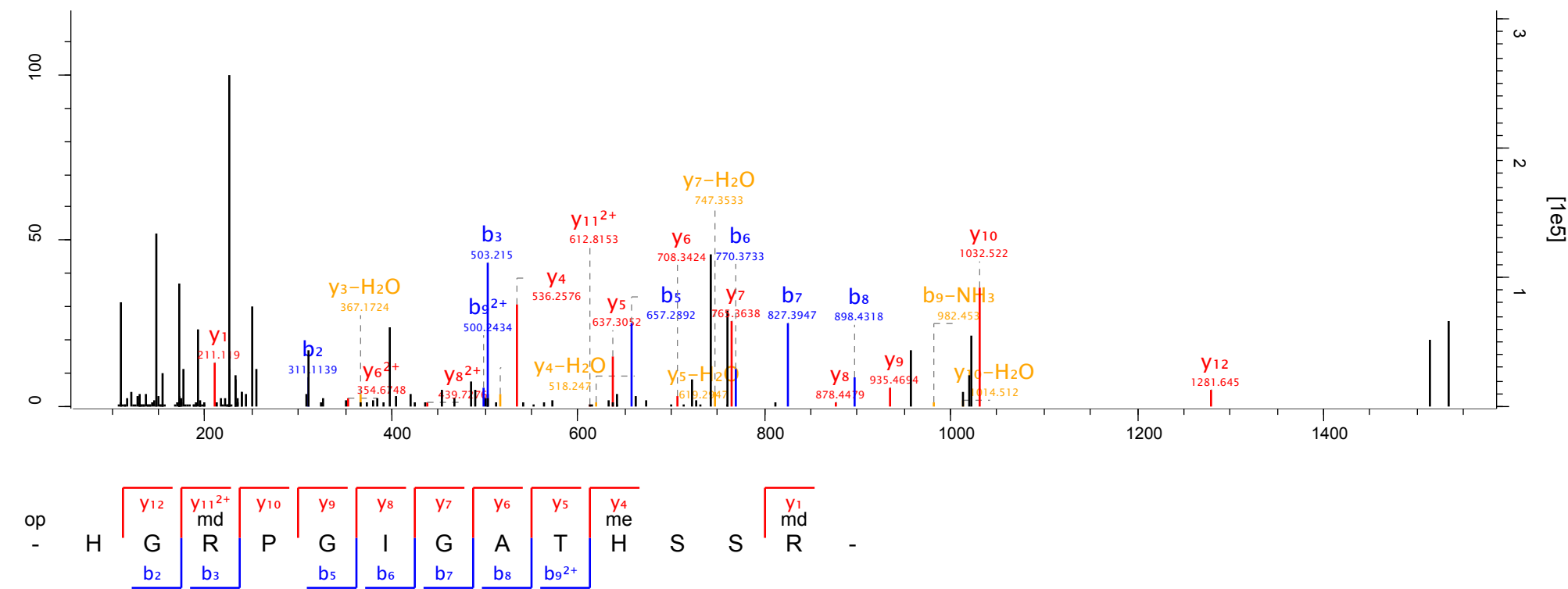


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	4145	FTMS; HCD	54.9	904.4	HNRNPDL

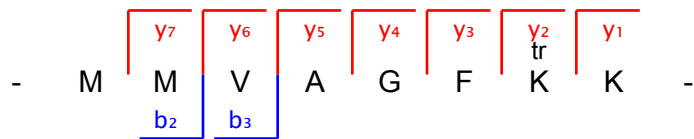
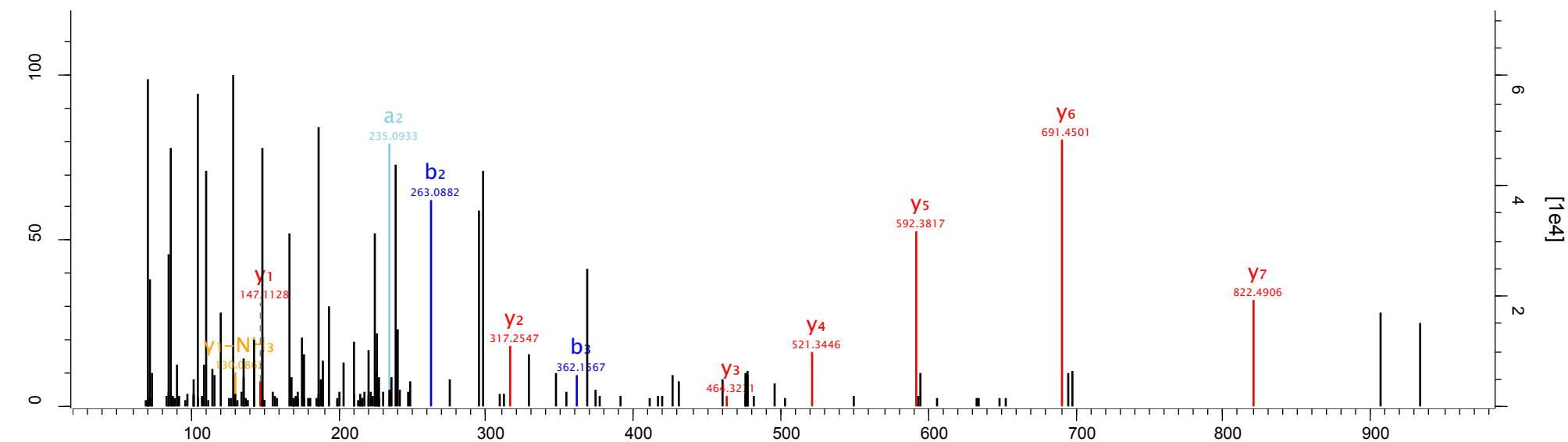


Gene names

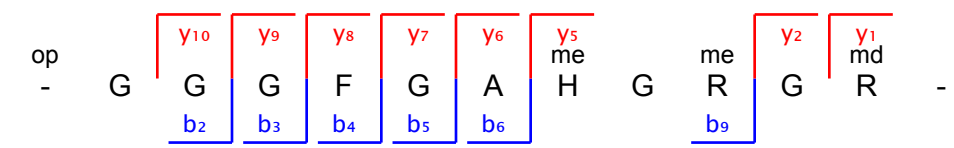
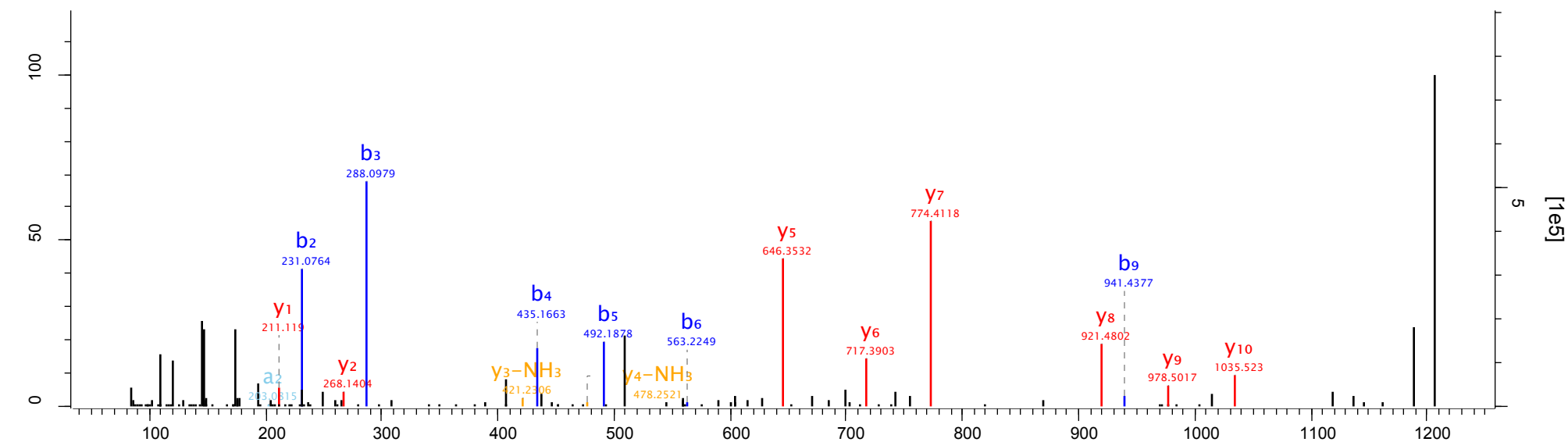
RPS15



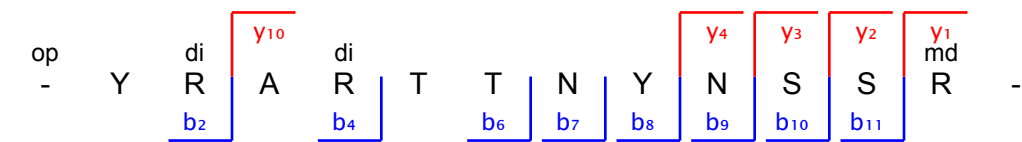
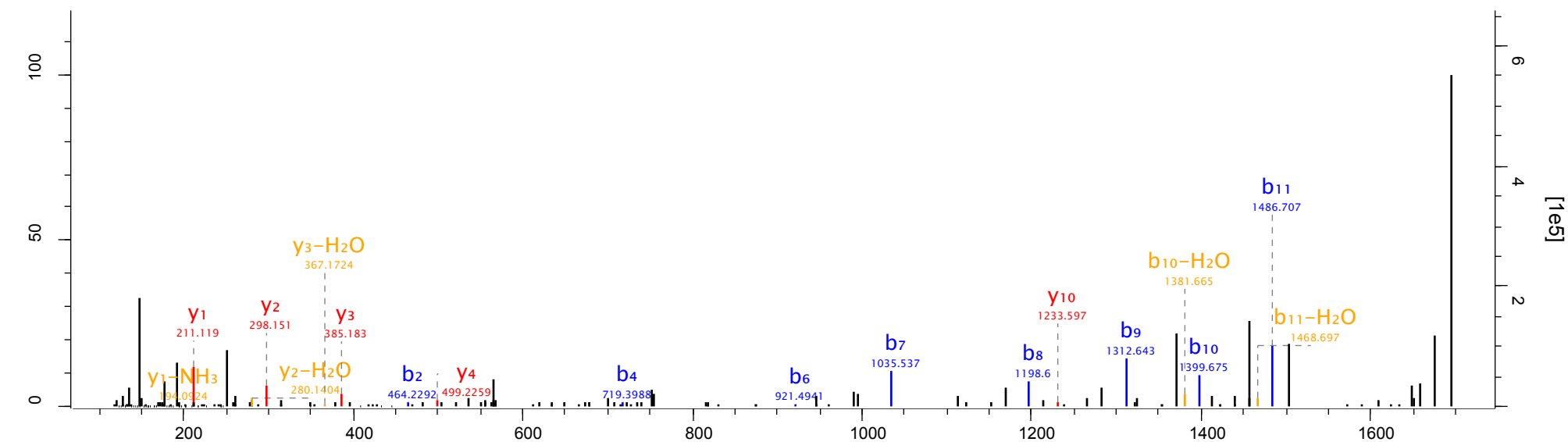
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	4405	FTMS; HCD	43.81	477.27	HNRNPU



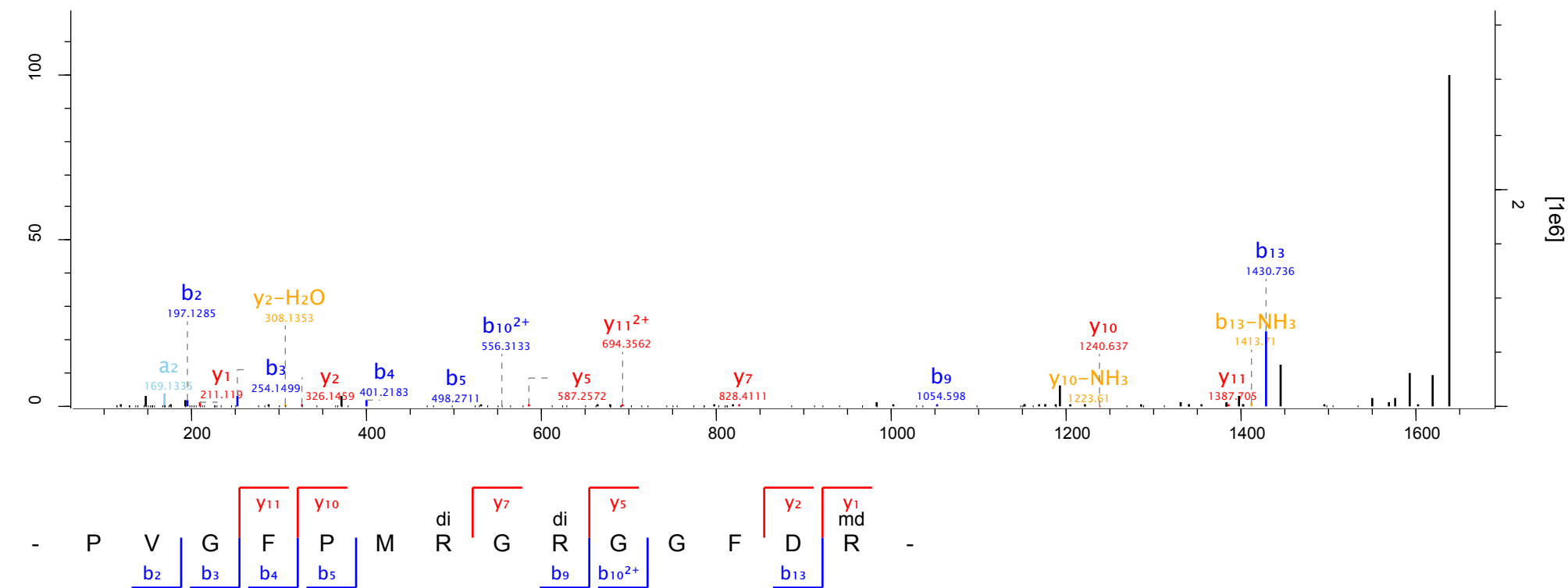
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	4506	FTMS; HCD	76.23	604.79	RBM3



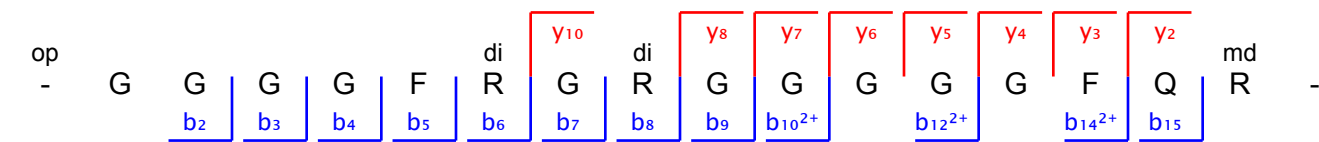
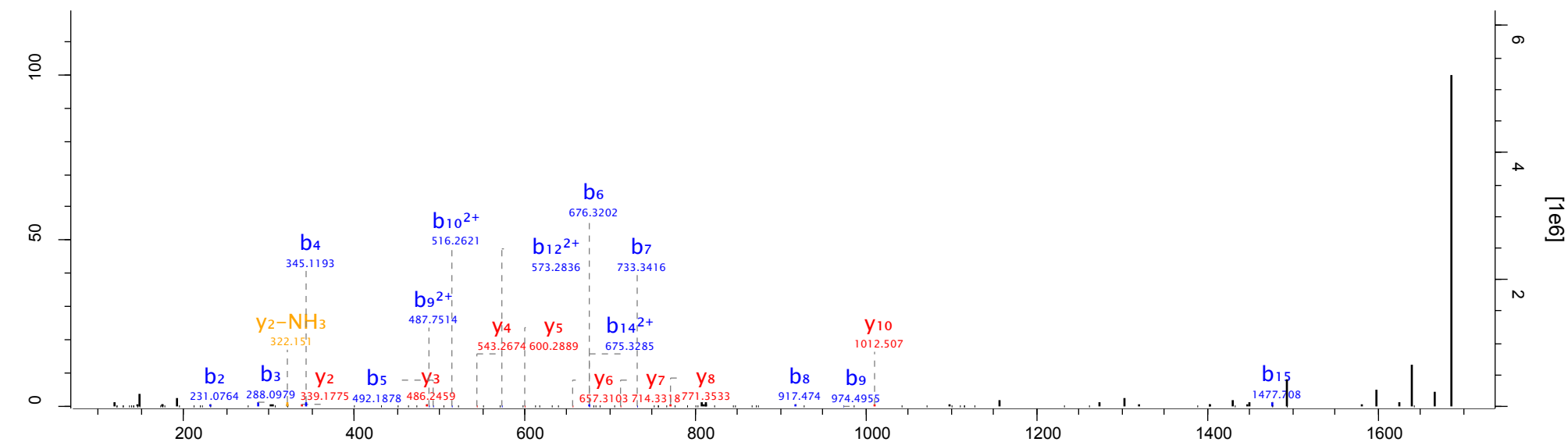
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	4580	FTMS; HCD	73.93	566.61	PABPN1



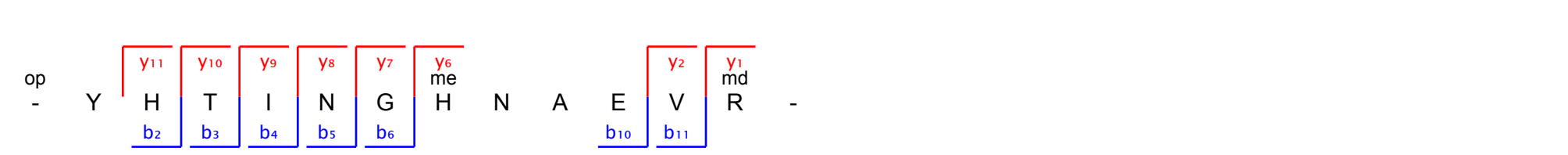
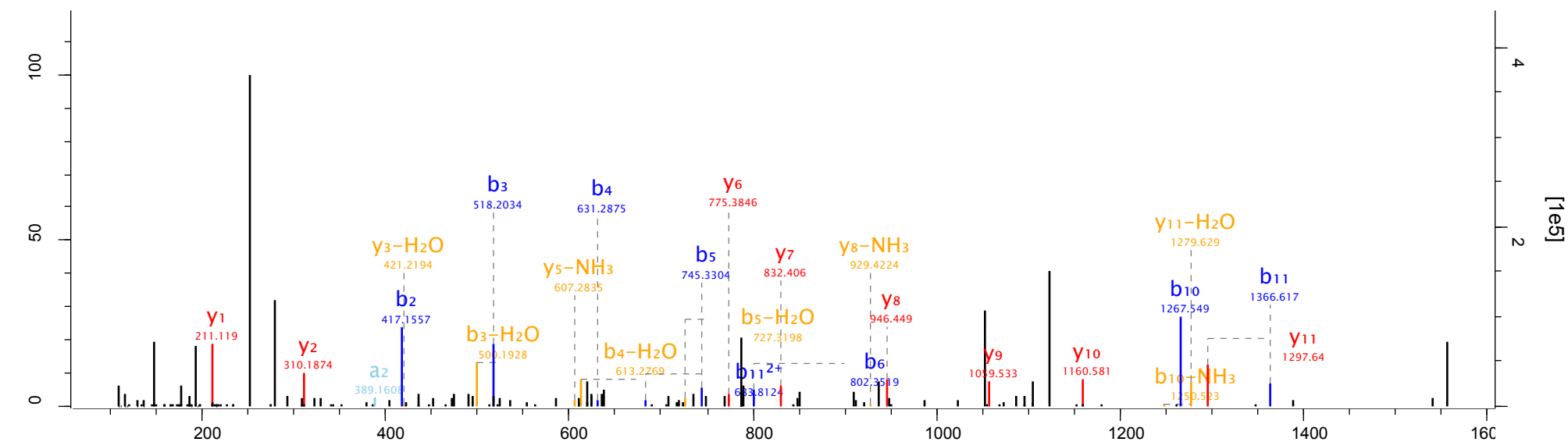
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	5268	FTMS; HCD	74.99	821.43	HNRNPK



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	5370	FTMS; HCD	94.02	844.92	HNRNPUL1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	5438	FTMS; HCD	111.79	789.37	HNRNPA2B1



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_400mM

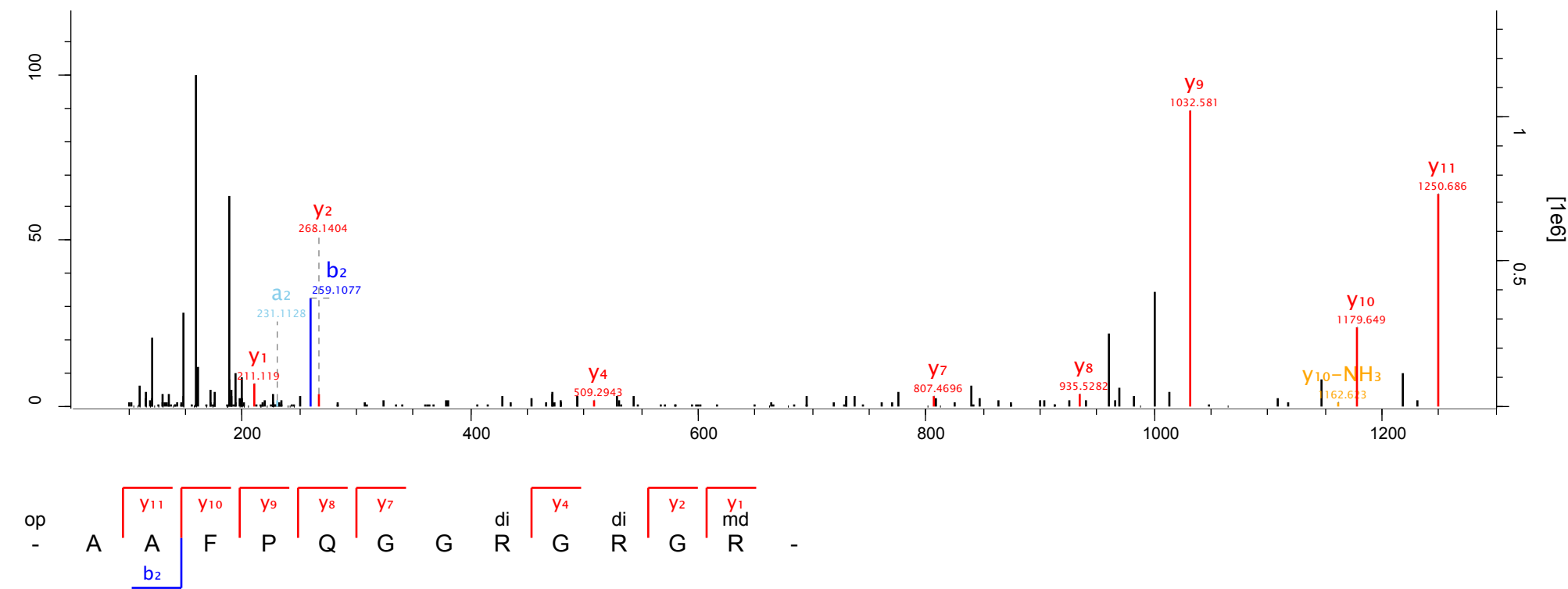
5801

FTMS; HCD

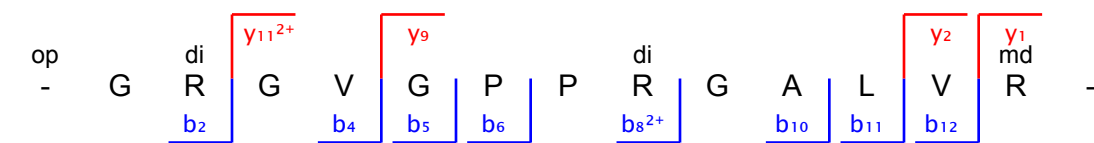
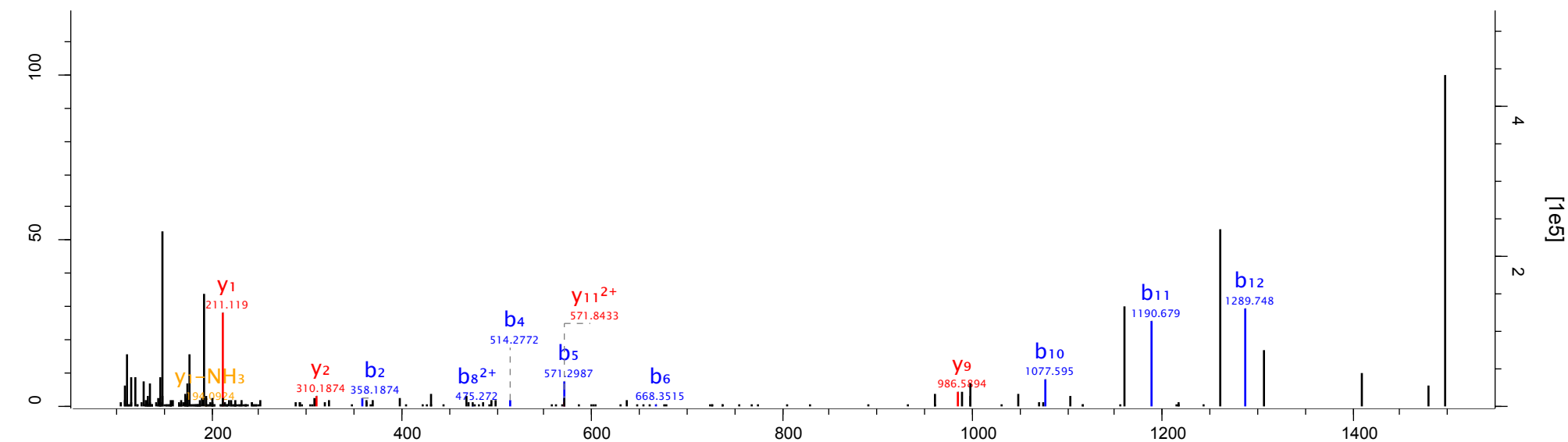
44.54

479.92

CPSF6



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	5863	FTMS; HCD	47.71	500.62	KHDRBS1



Raw file

Zhibin_20150902_MDAOPA_SCX_400mM

Scan

6416

Method

FTMS; HCD

Score

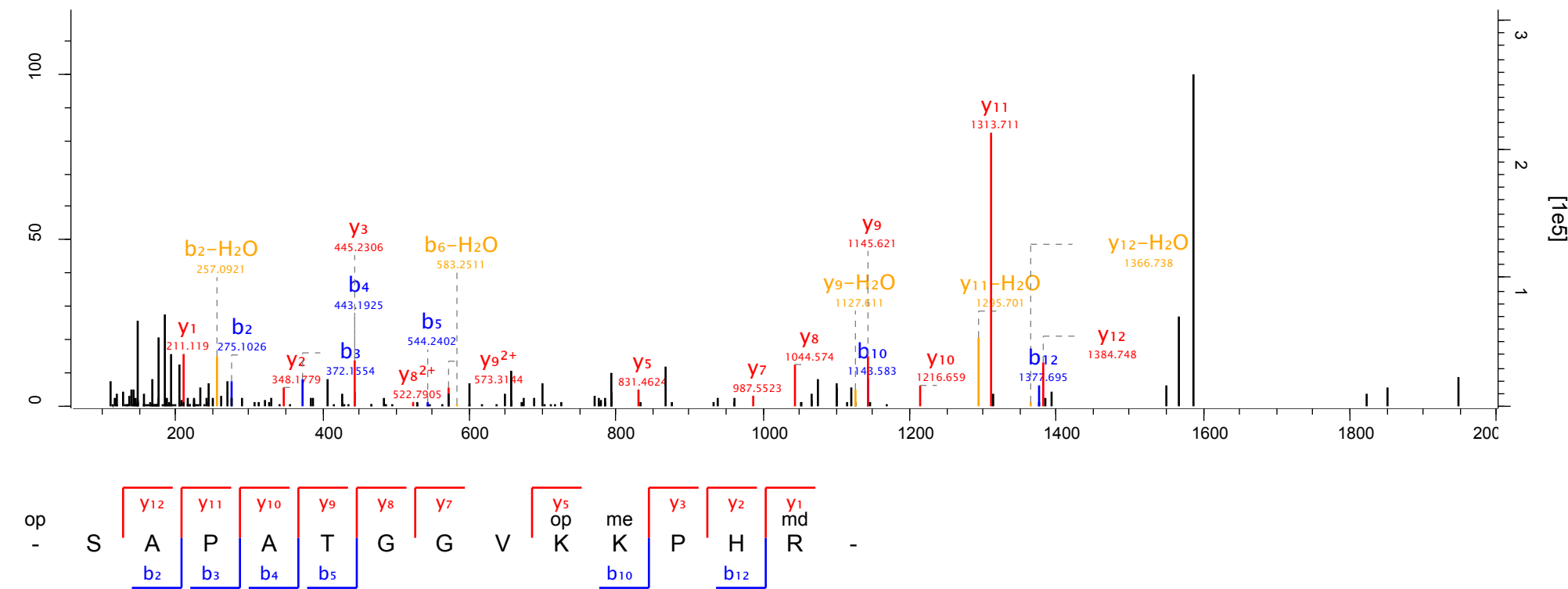
122.46

m/z

794.91

Gene names

HIST2H3PS2; HIST2H3A; HIST3H3; HIST1H3A



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_400mM

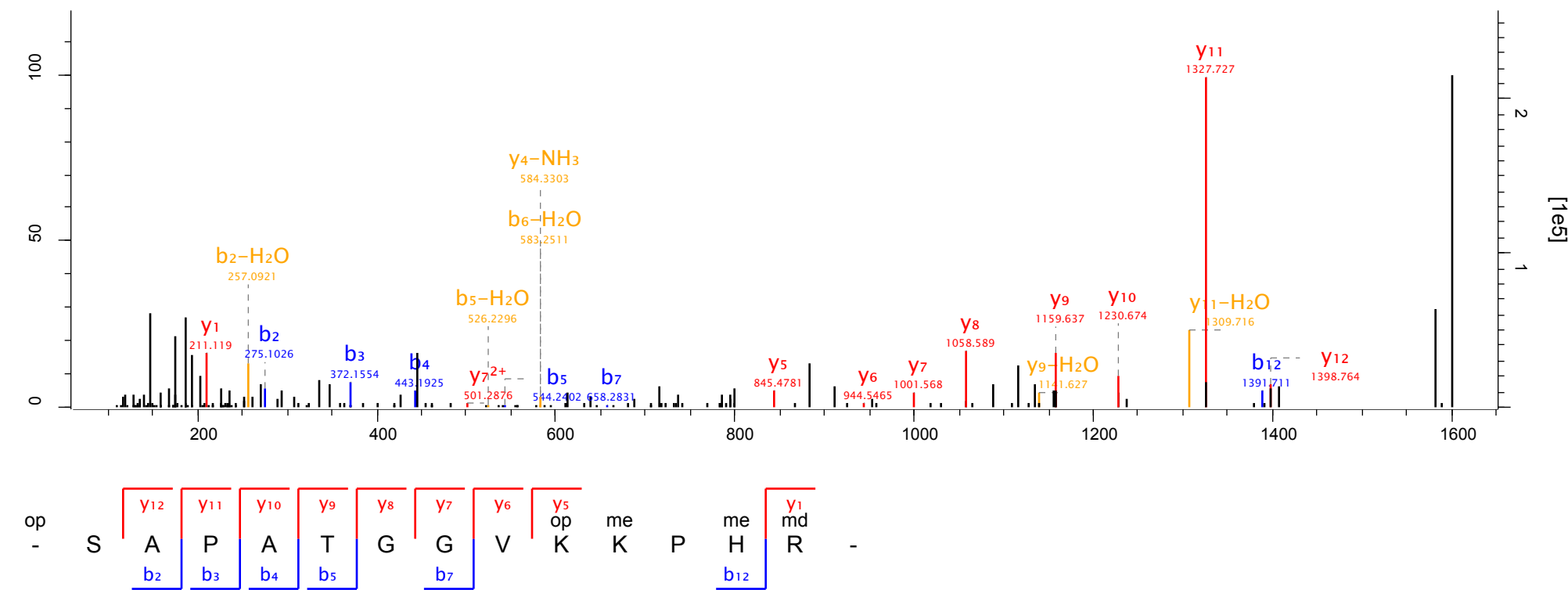
6421

FTMS; HCD

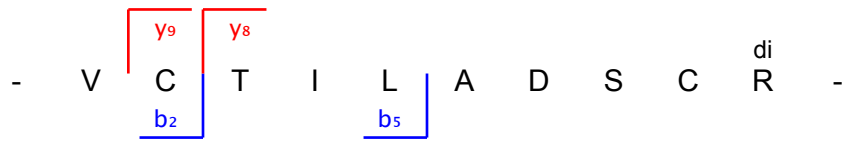
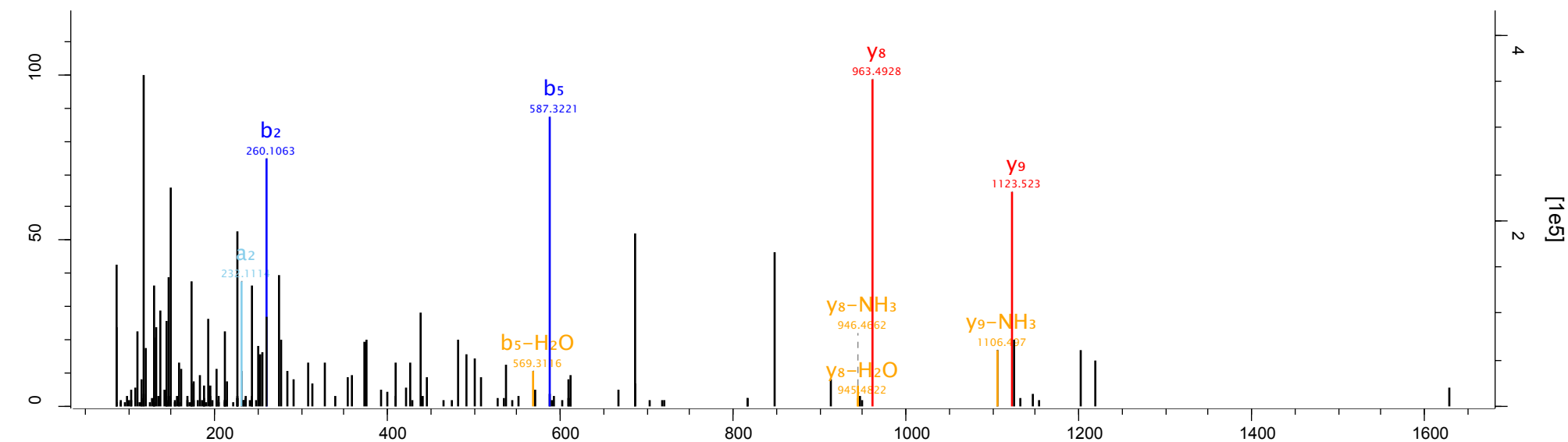
81.28

801.42

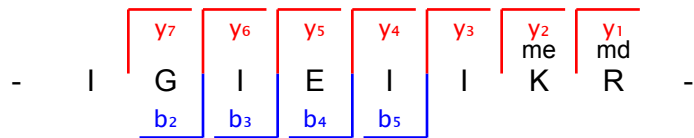
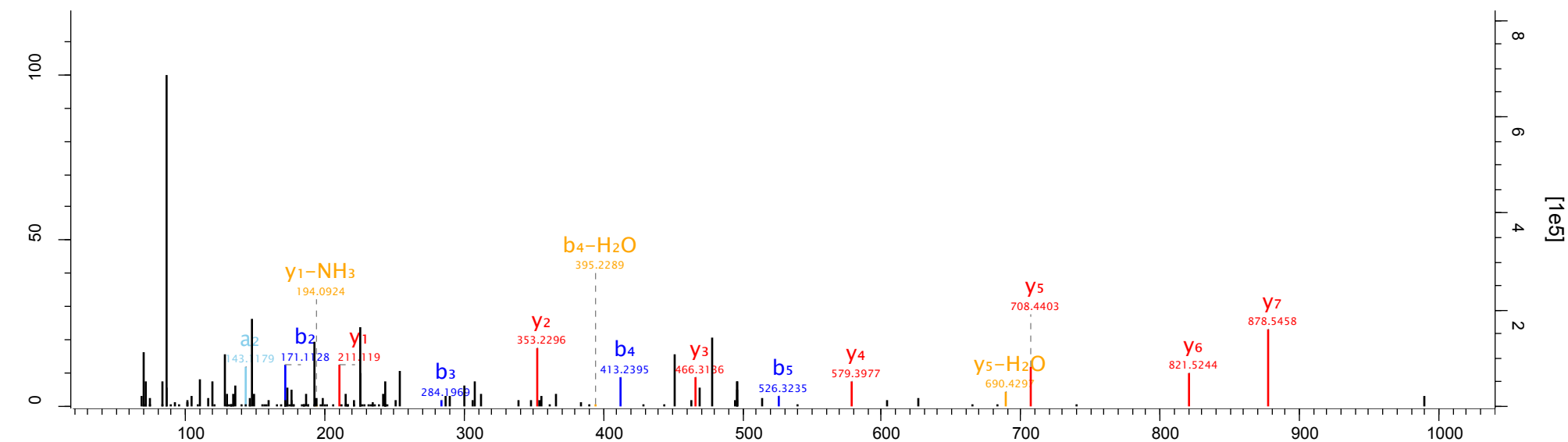
HIST2H3PS2;HIST2H3A;HIST3H3;HIST1H3A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	6531	FTMS; HCD	56.26	611.8	C15orf54

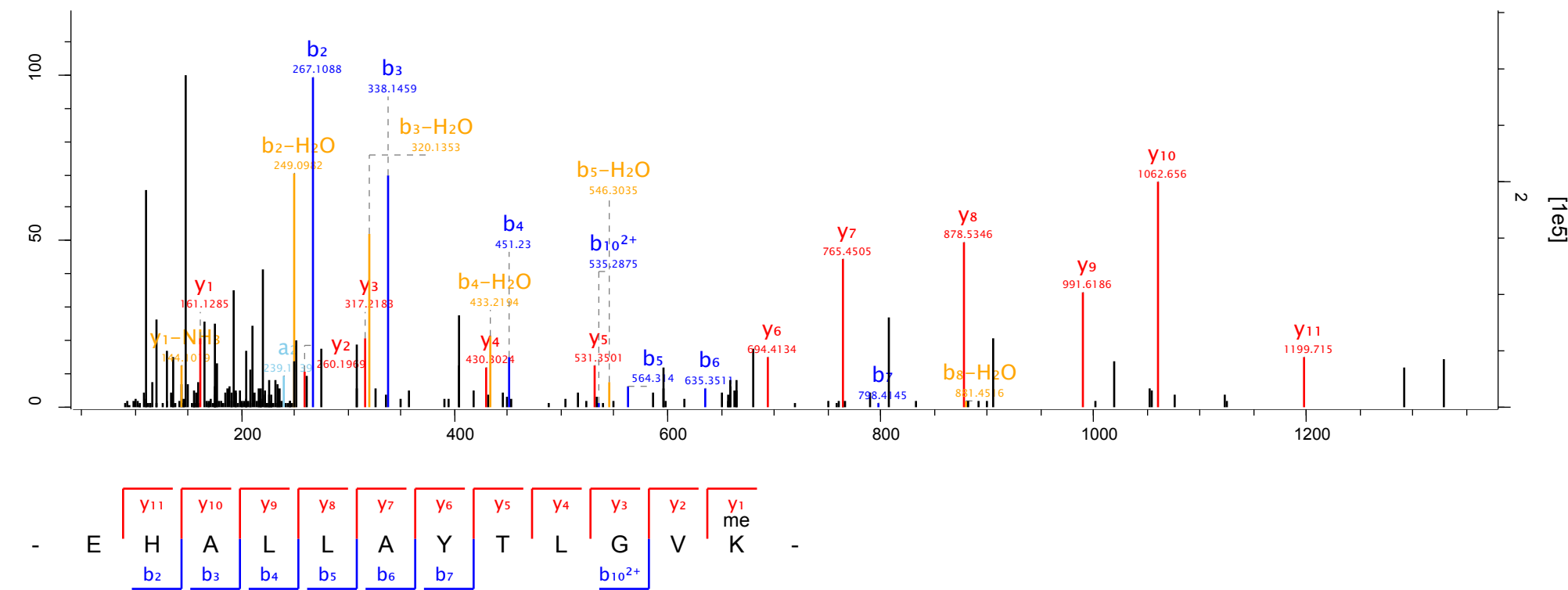


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	6714	FTMS; HCD	80.44	496.32	HSPD1



Gene names

EEF1A1;EEF1A1P5;EEF1A2



Raw file

Zhibin_20150902_MDAOPA_SCX_400mM

Scan

6862

Method

FTMS; HCD

Score

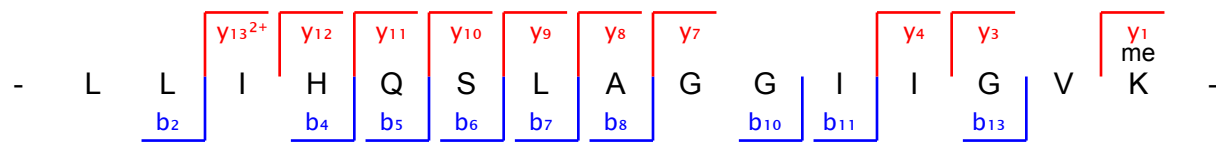
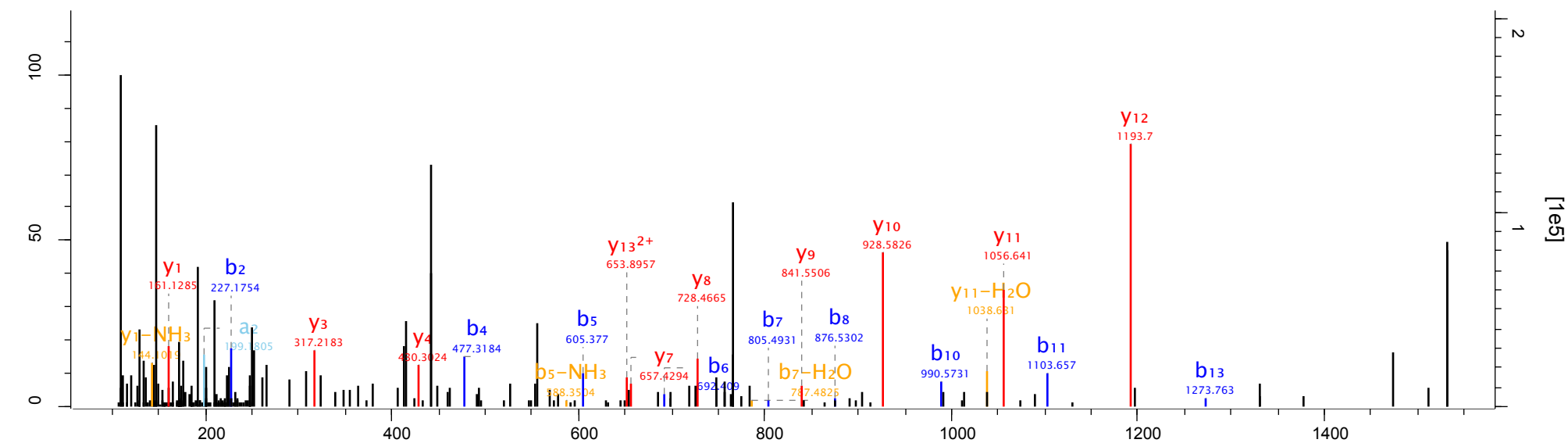
72.66

m/z

766.98

Gene names

HNRNPK



Zhibin_20150902_MDAOPA_SCX_400mM

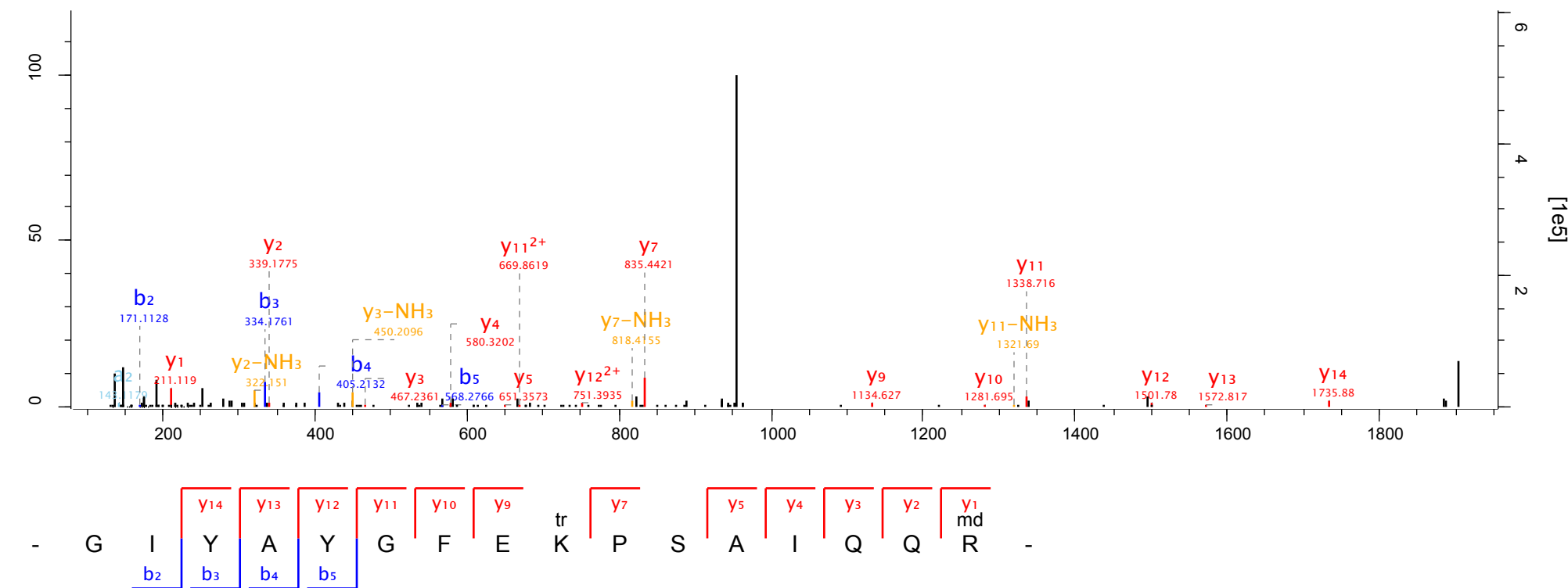
7465

FTMS; HCD

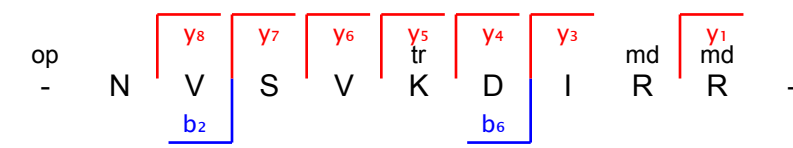
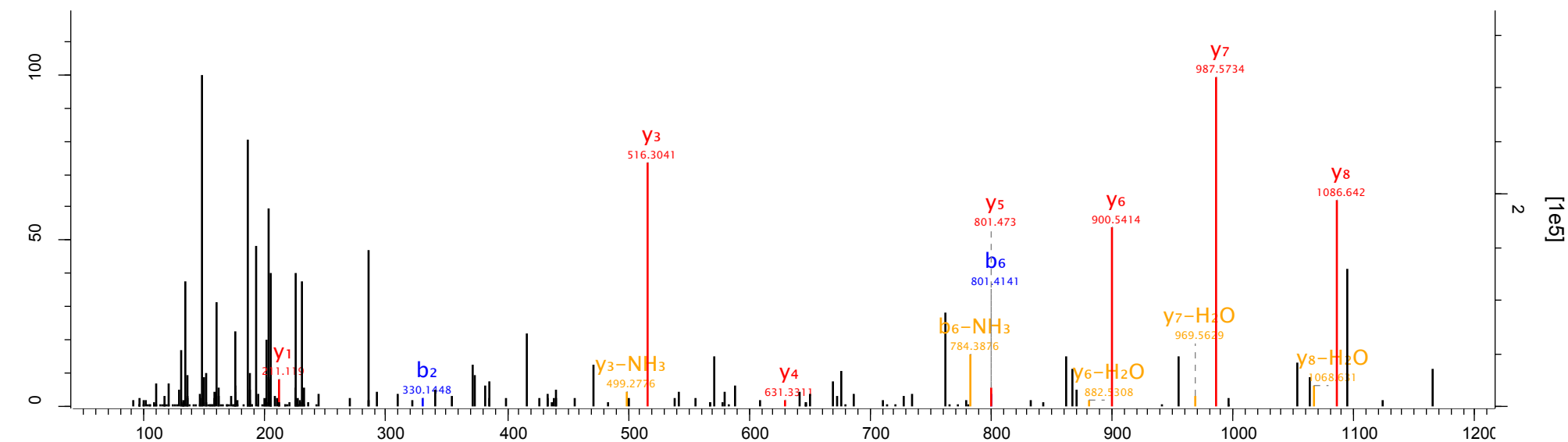
82.53

954

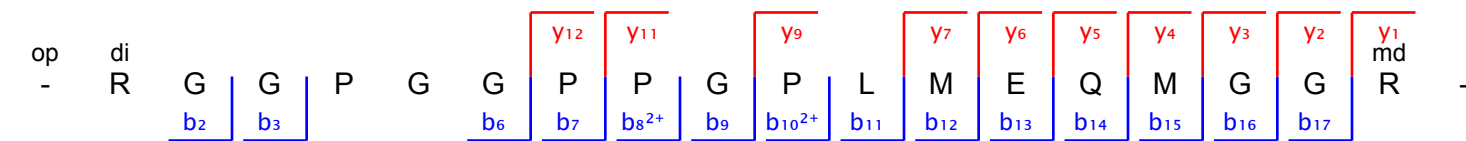
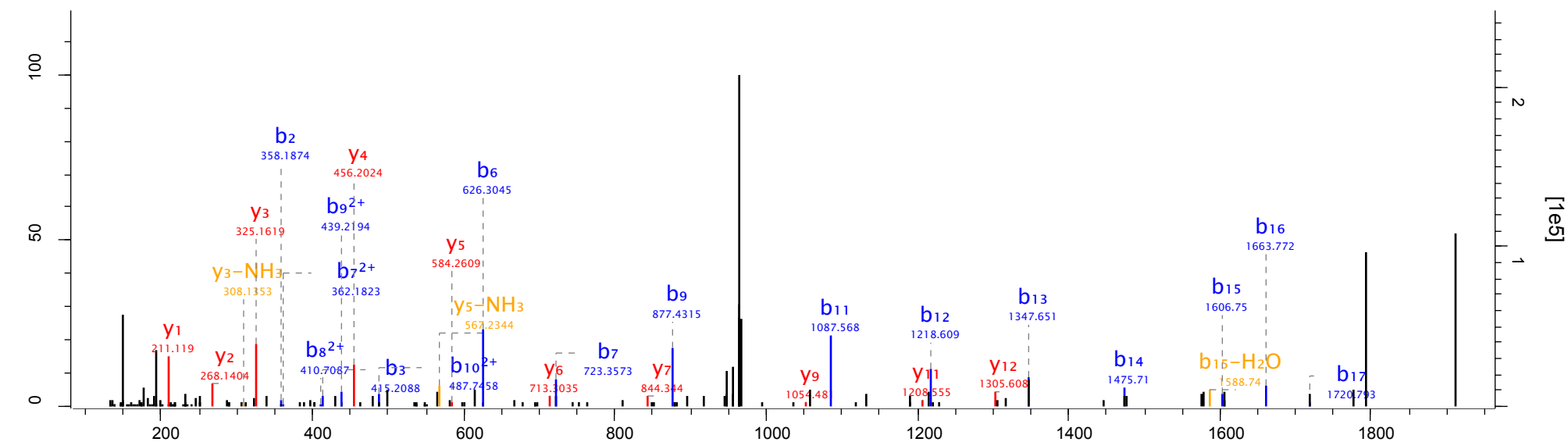
EIF4A2;EIF4A1;EIF4A3



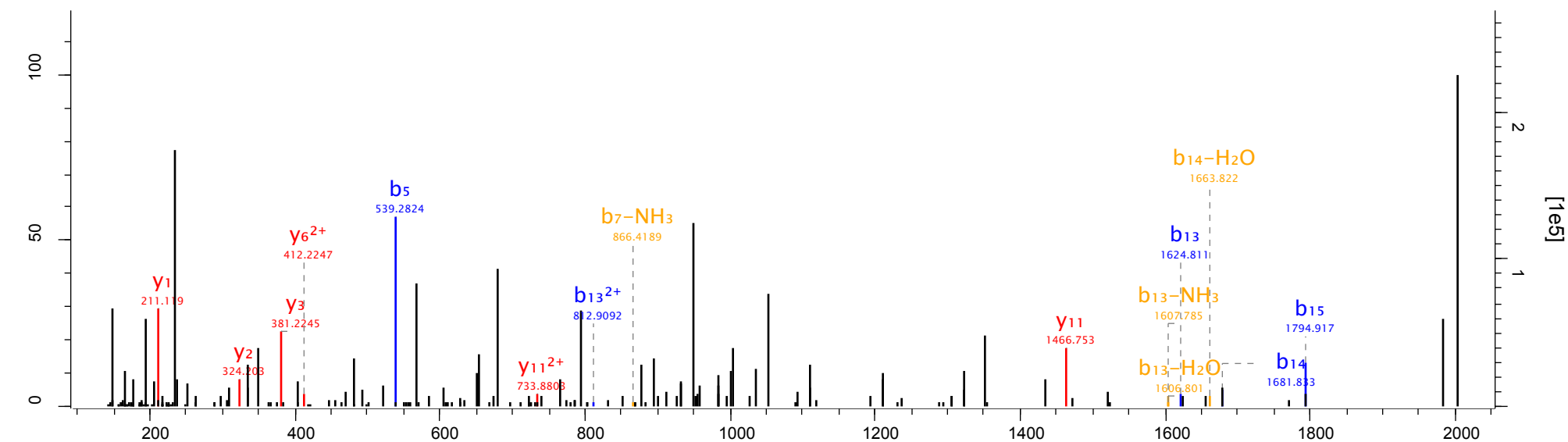
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	7530	FTMS; HCD	57.27	439.91	EEF1A2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	7576	FTMS; HCD	102.89	966.46	EWSR1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	7636	FTMS; HCD	51.77	1003.52	PFAS

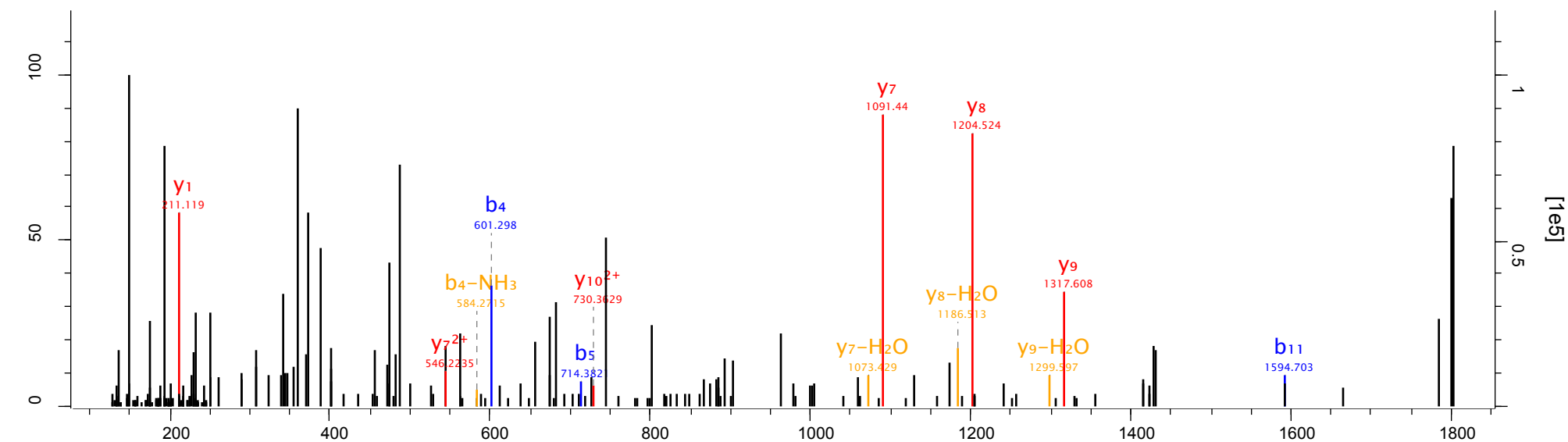


- L Q A E P R C V A E E di R G L R -

Annotations below the sequence:

- b_5 (under P)
- y_{11} di (above R)
- y_6^{2+} (above E)
- b_{13} (under R)
- y_3 (above G)
- b_{14} (under G)
- y_2 (above L)
- b_{15} (under L)
- y_1 md (above R)

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	7831	FTMS; HCD	48.04	902.91	FHL1

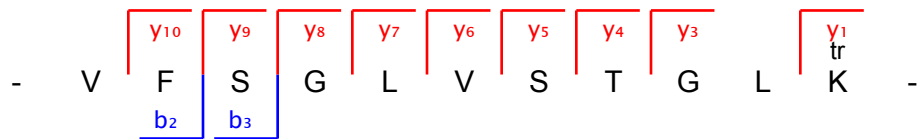
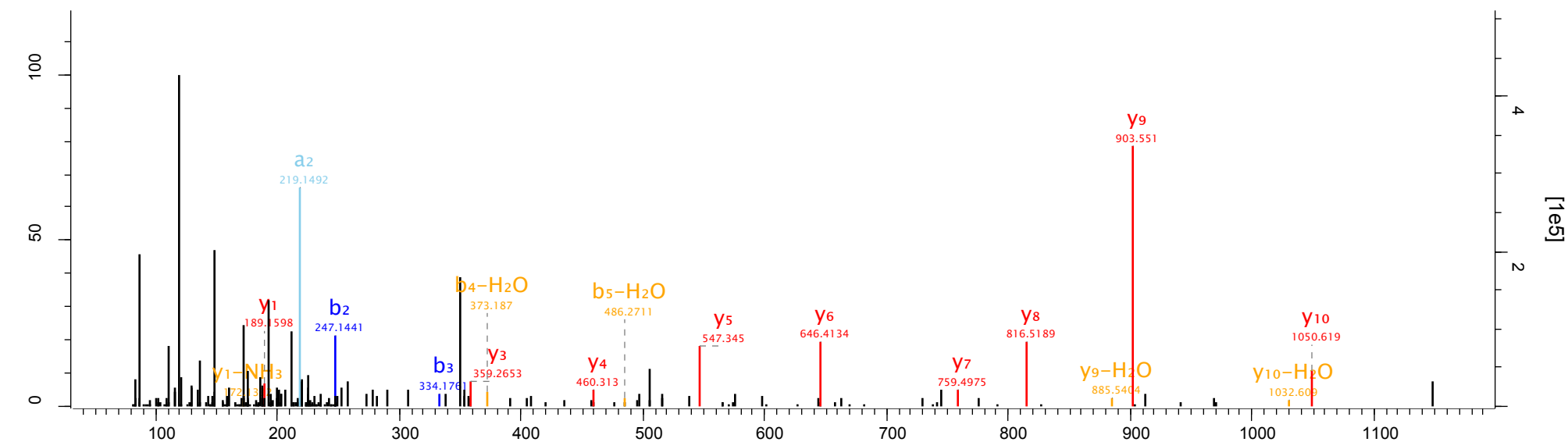


op
- D N K I L C N K C T T R -

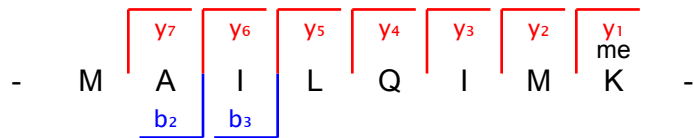
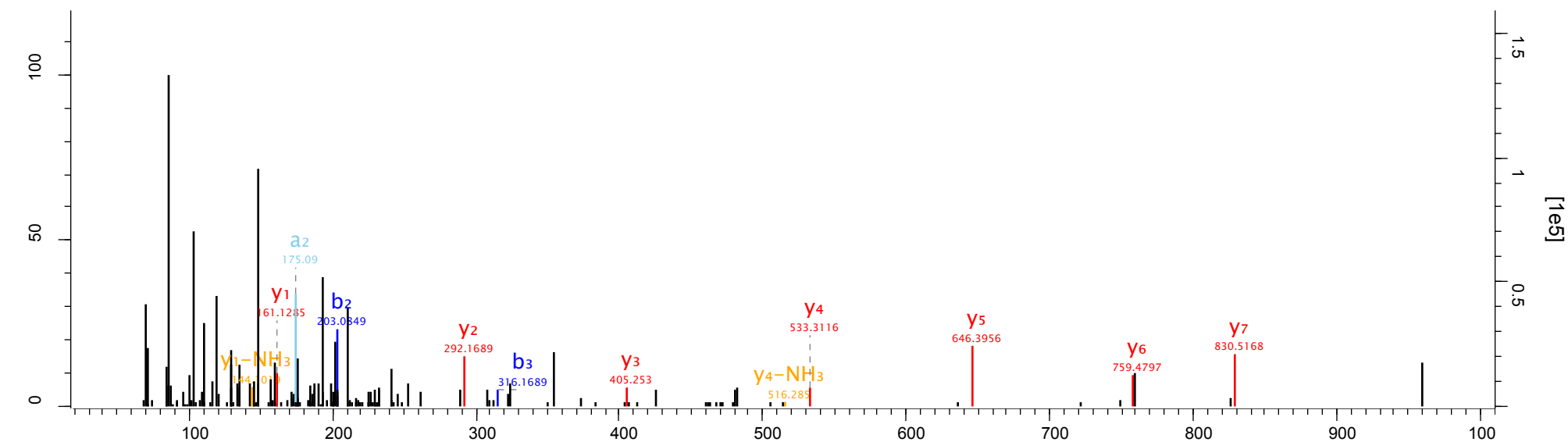
Fragmentation labels (red boxes): y₁₀²⁺ me, y₉, y₈, y₇, y₁ md.

Fragmentation labels (blue boxes): b₄, b₅, b₁₁.

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	8008	FTMS; HCD	66.27	575.35	EEF2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	8050	FTMS; HCD	77.06	481.28	TRIM28



Raw file

Zhibin_20150902_MDAOPA_SCX_400mM

Scan

8904

Method

FTMS; HCD

Score

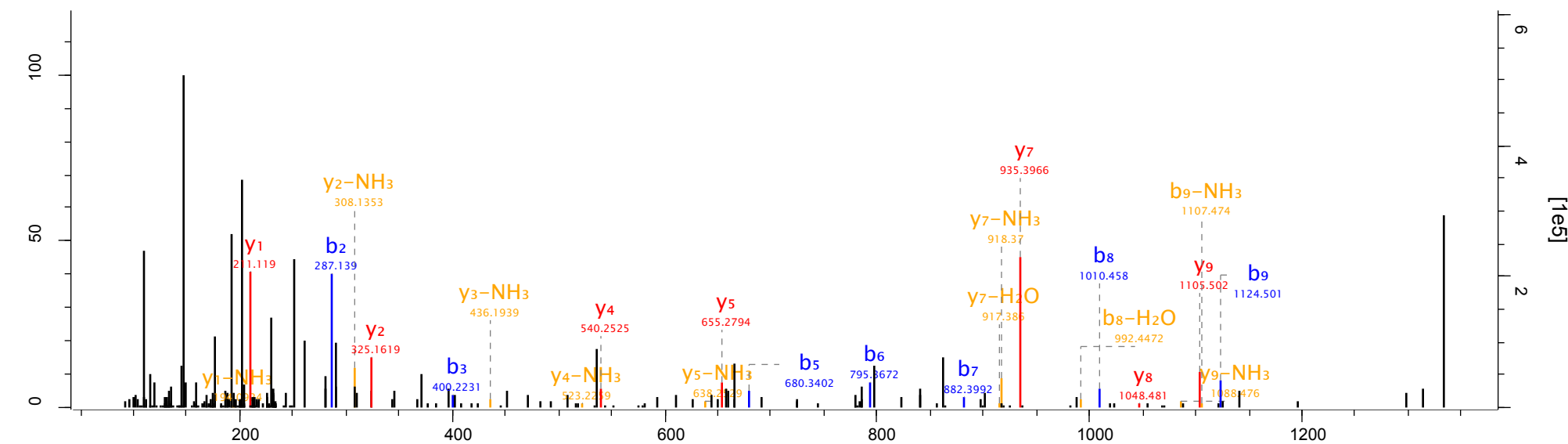
103.18

m/z

667.81

Gene names

HSP90AA1



[1e5]

6

4

2

op

-

L

y9

G

b2

y8

I

b3

y7

H

me

E

y5

D

b5

y4

S

b6

Q

y2

N

b7

y1

R

md

-

Raw file

Zhibin_20150902_MDAOPA_SCX_400mM

Scan

9141

Method

FTMS; HCD

Score

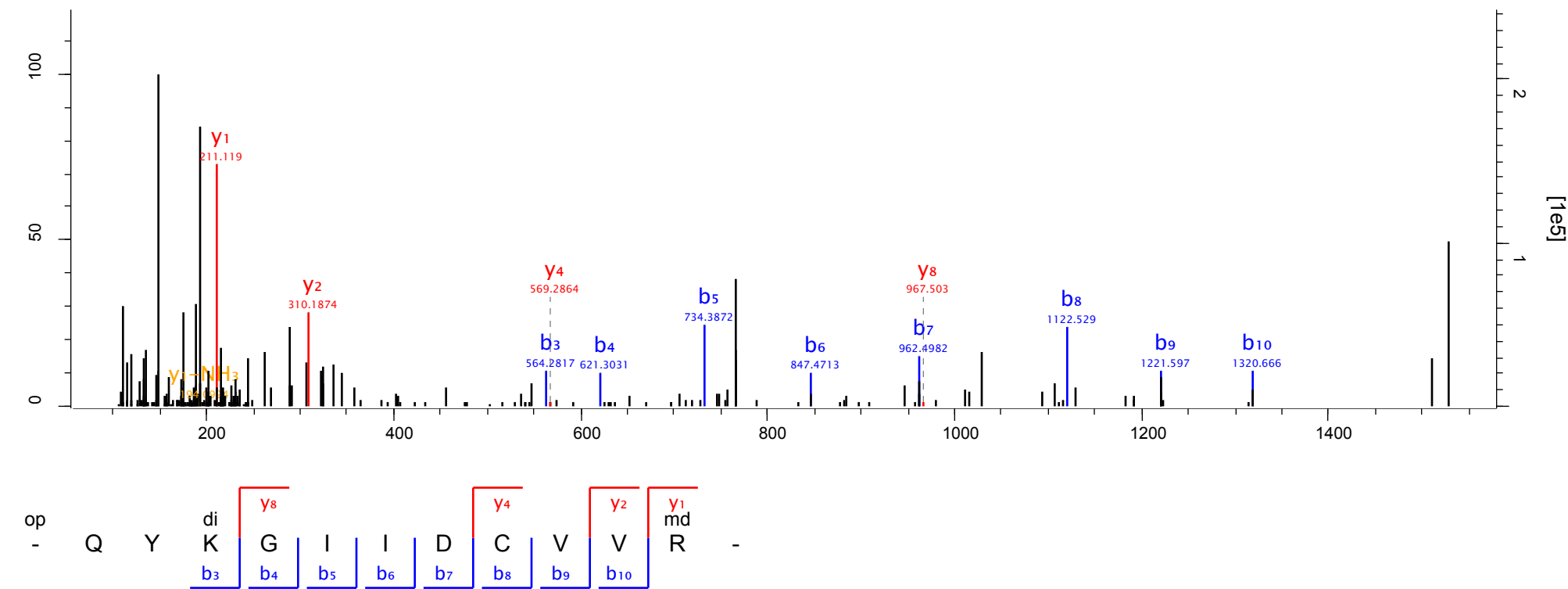
57.17

m/z

766.39

Gene names

SLC25A5



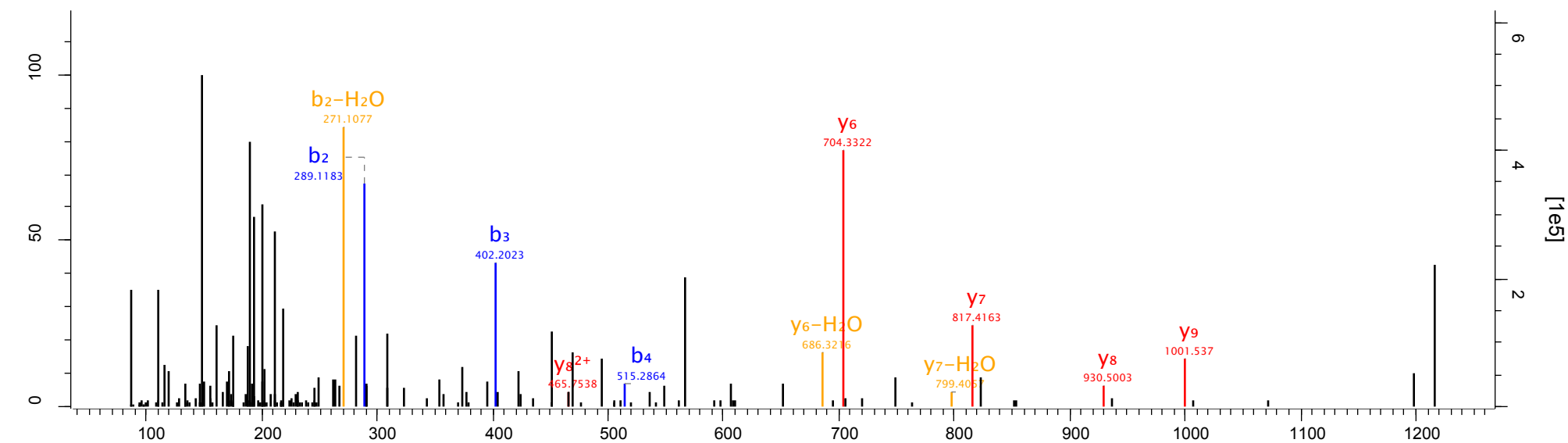
Zhibin_20150902_MDAOPA_SCX_400mM

9248

FTMS; HCD

58.7

609.81



op

-

T

 y_9

A

 y_8

L

 y_7

L

 y_6

Q

D

G

N

S

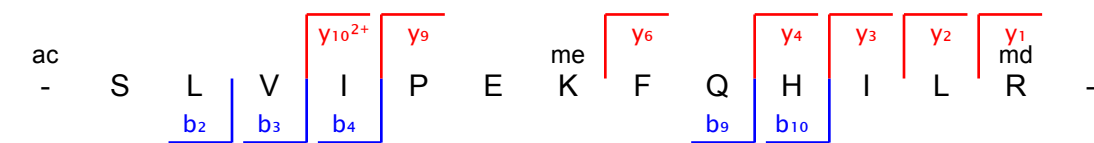
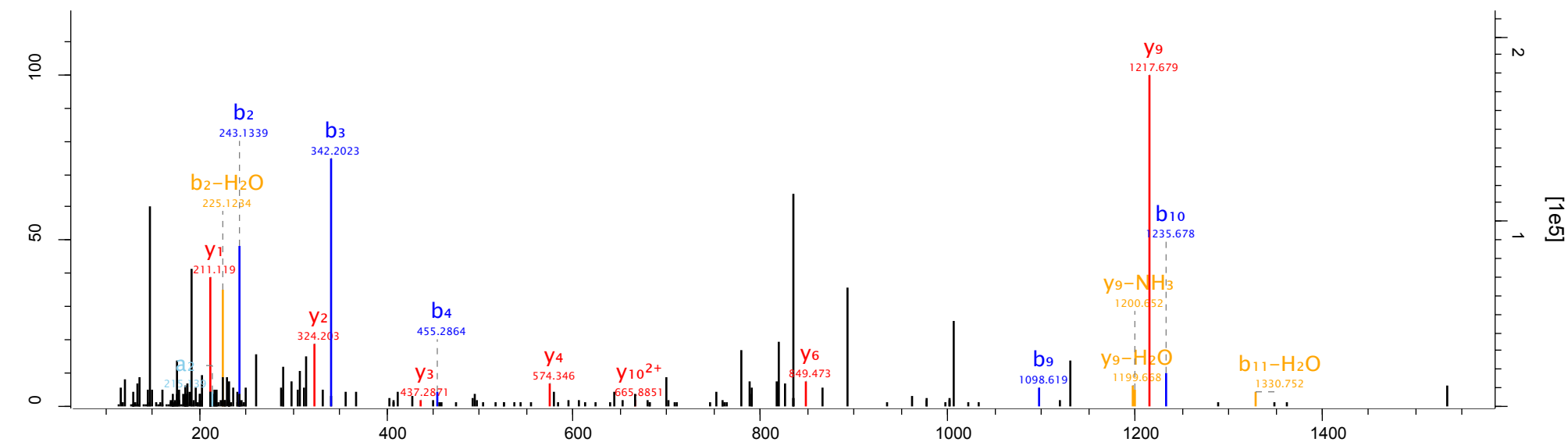
di

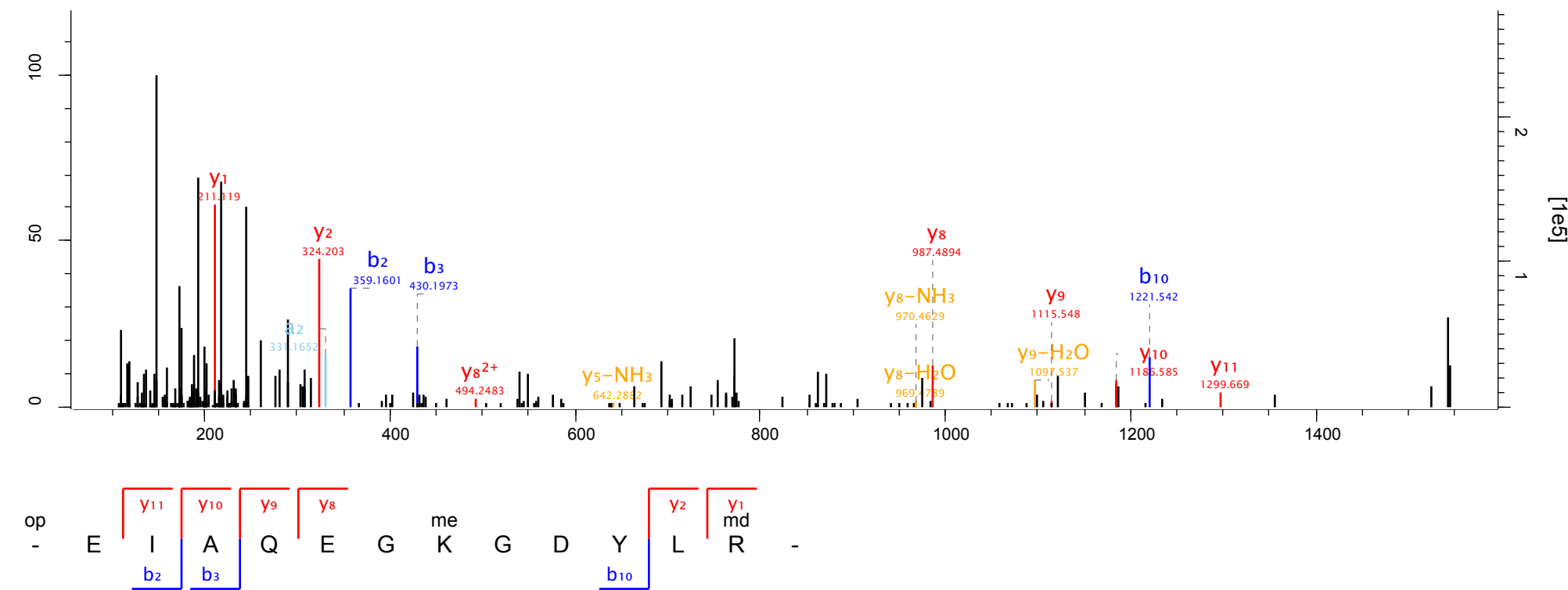
R

-

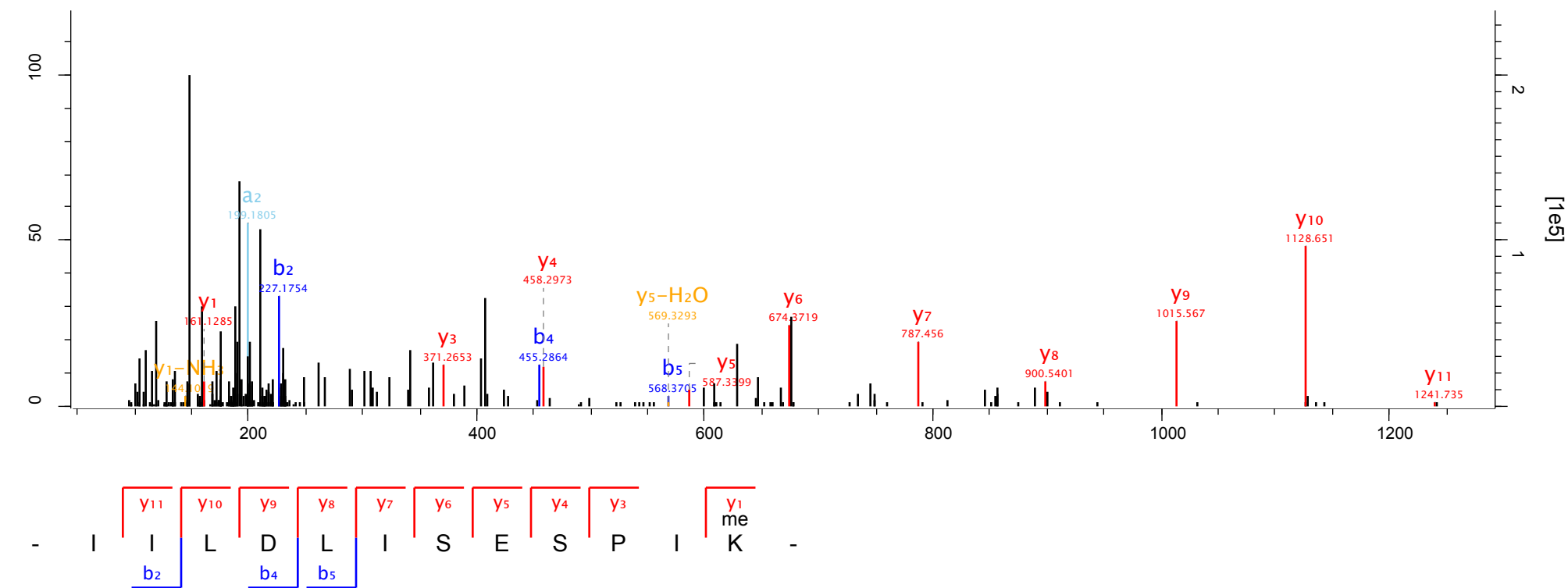
 b_2 b_3 b_4

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	9744	FTMS; HCD	73.88	836.98	RPS18





Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	10162	FTMS; HCD	57.11	677.91	HNRNPK



Raw file

Zhibin_20150902_MDAOPA_SCX_400mM

Scan

10249

Method

FTMS; HCD

Score

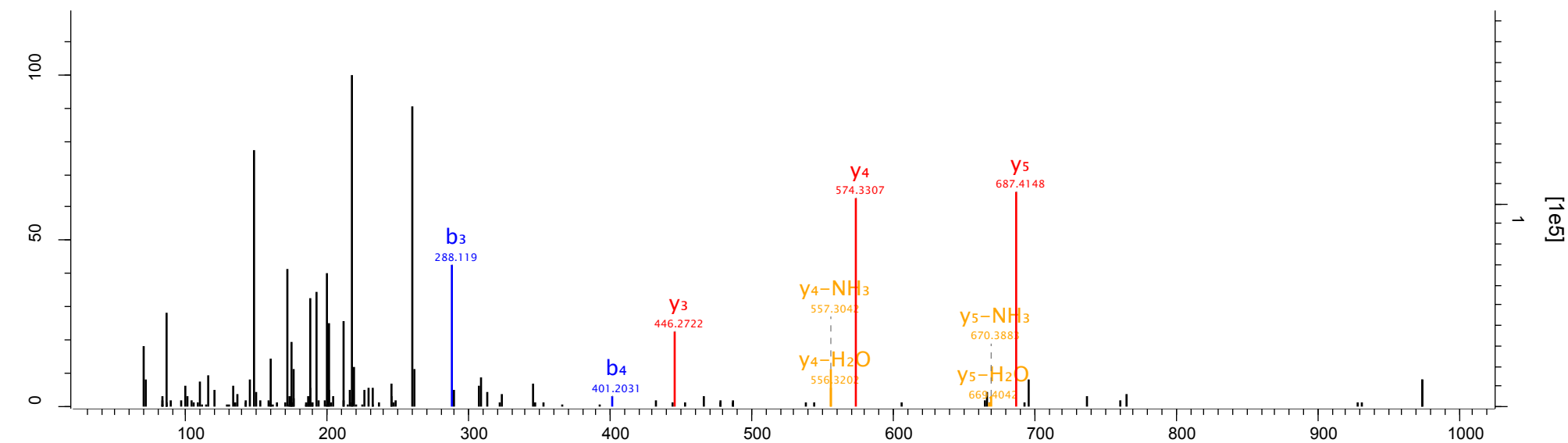
42.6

m/z

487.77

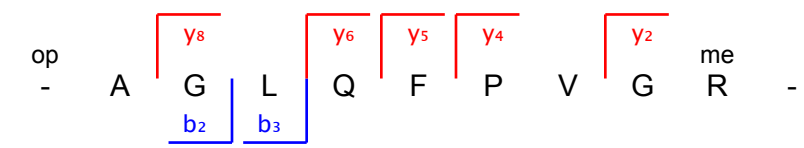
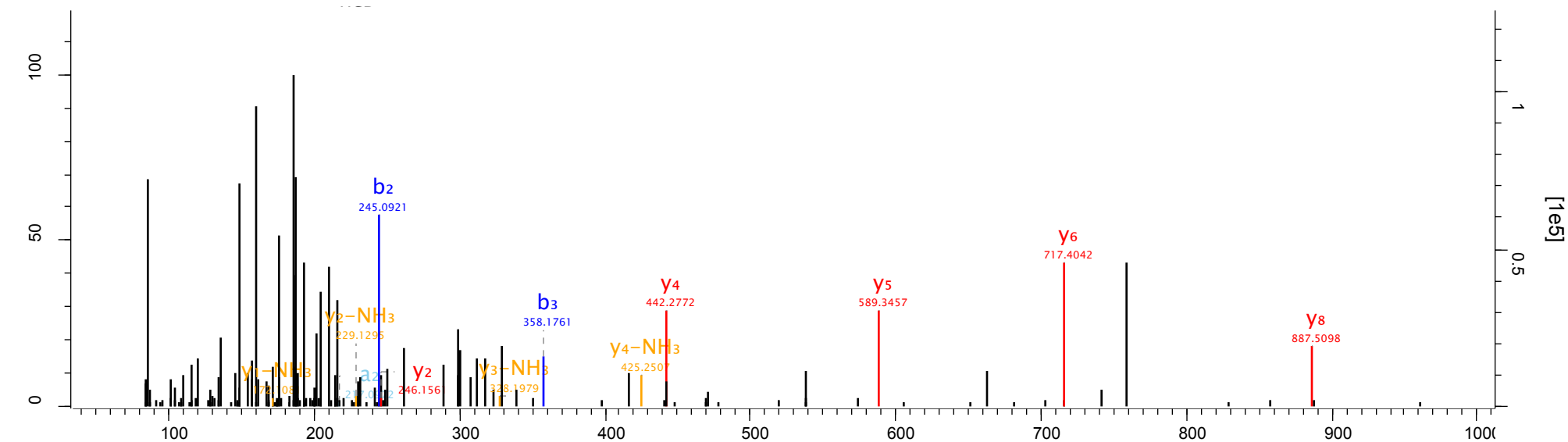
Gene names

P2RX7

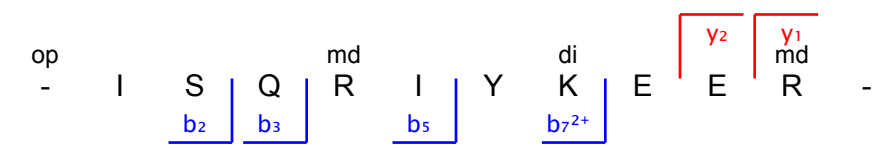
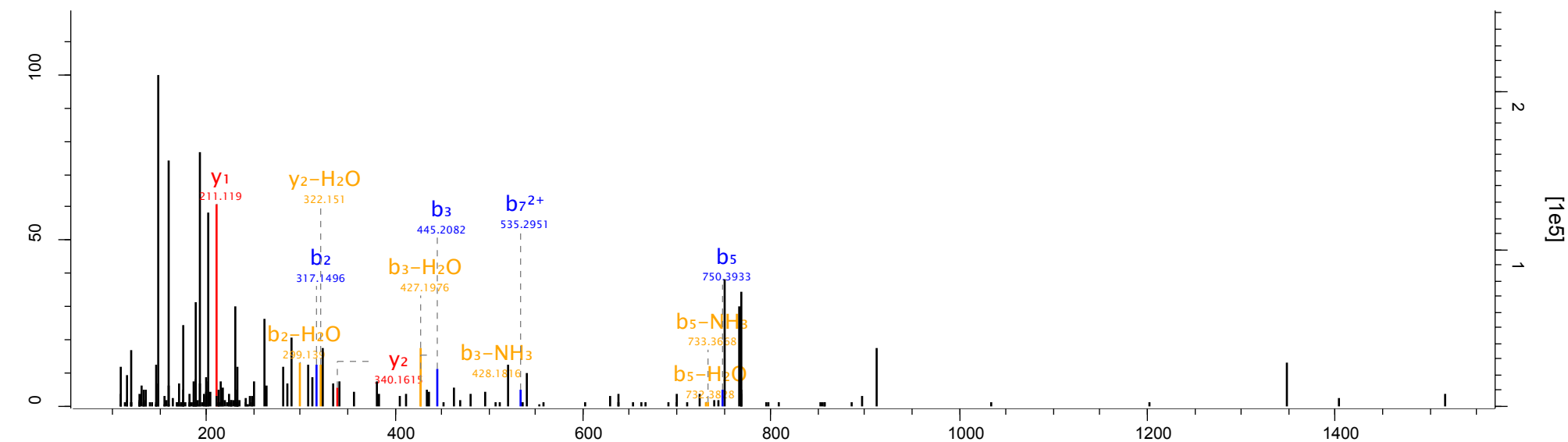


- S A E I Q K D R -

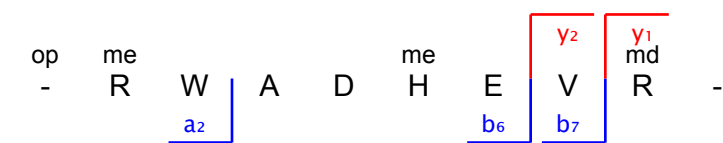
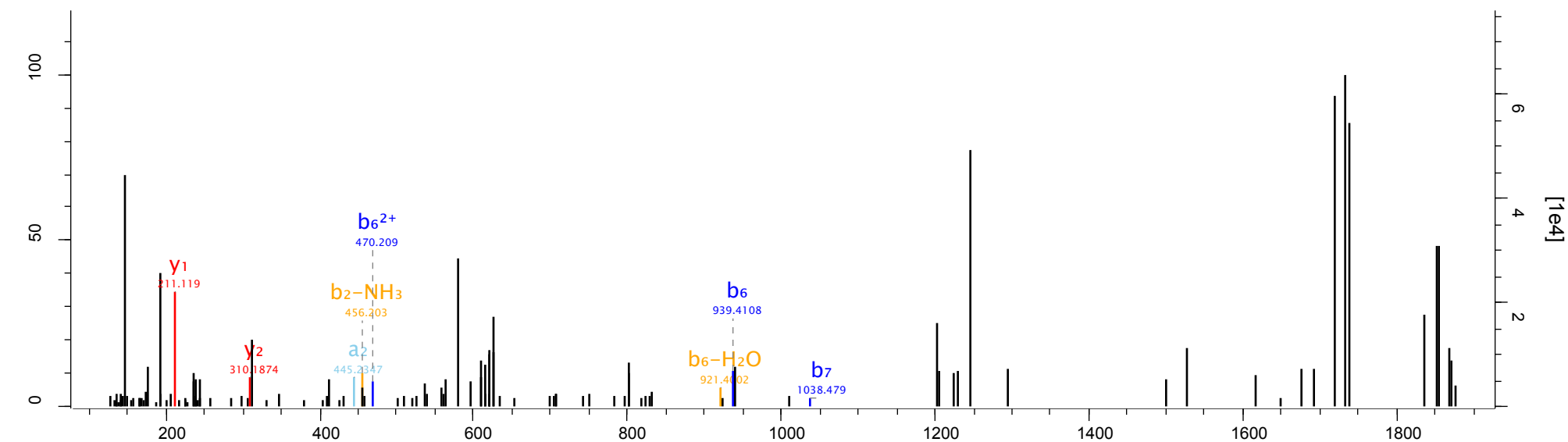
b3 b4 y5 y4 y3



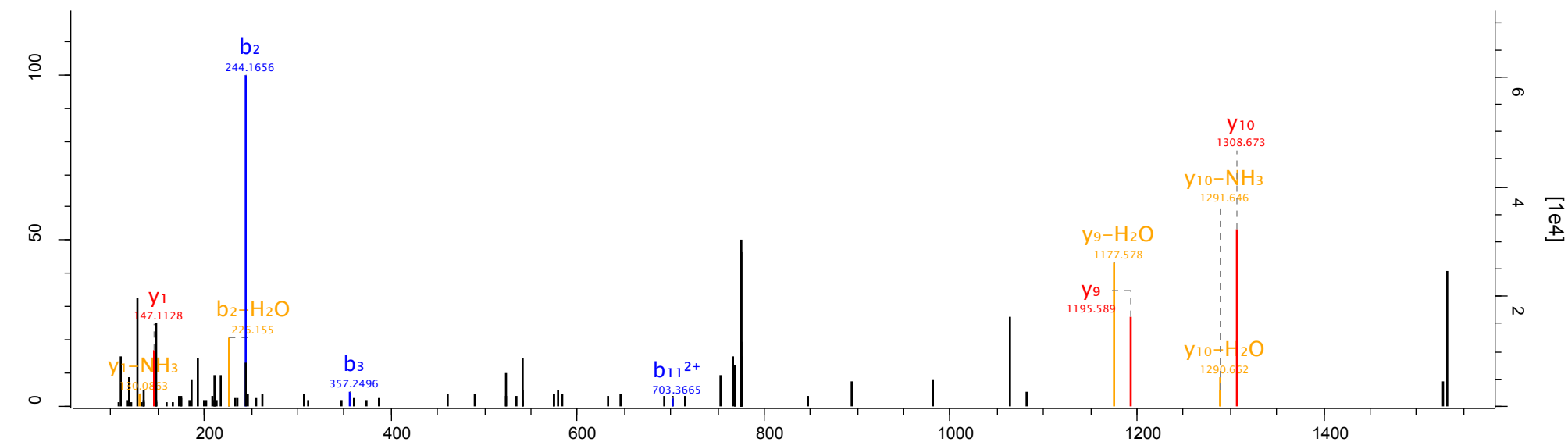
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_400mM	11236	FTMS; HCD	55.46	769.39	SNX7



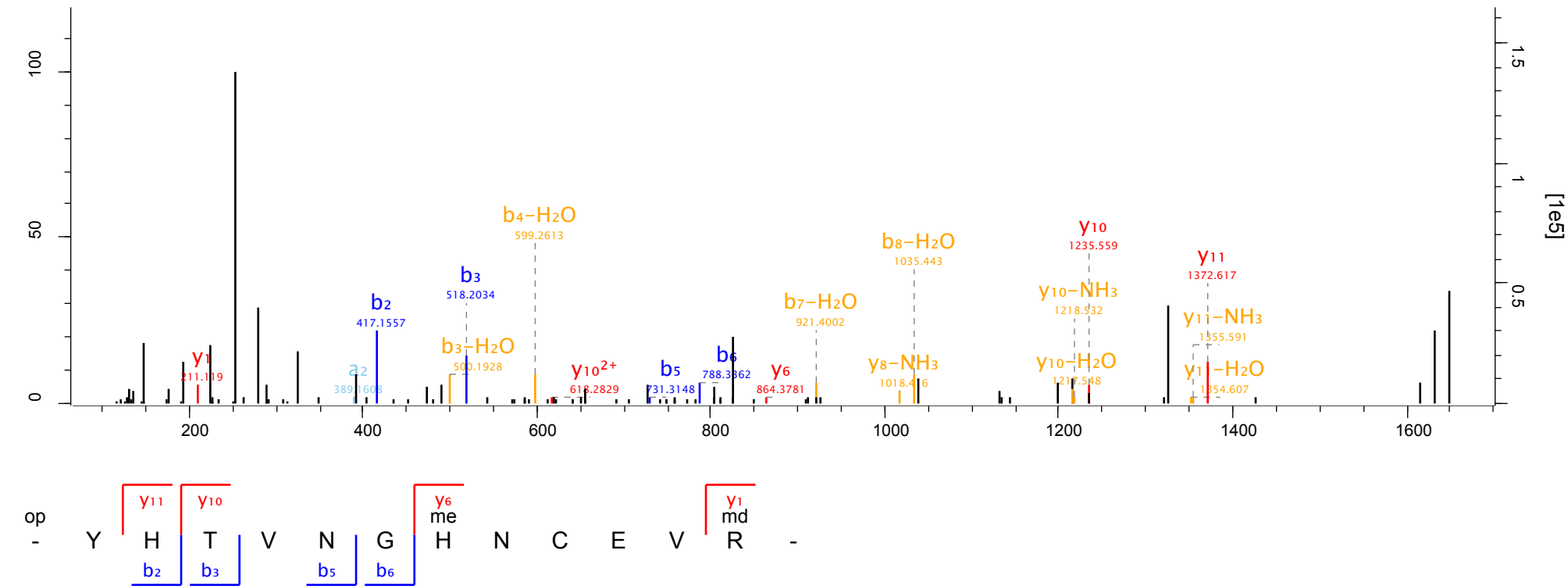
Raw file	Scan	Method	Score	m/z
Zhibin_20150902_MDAOPA_SCX_500mM	4330	FTMS; HCD	45.08	625.66



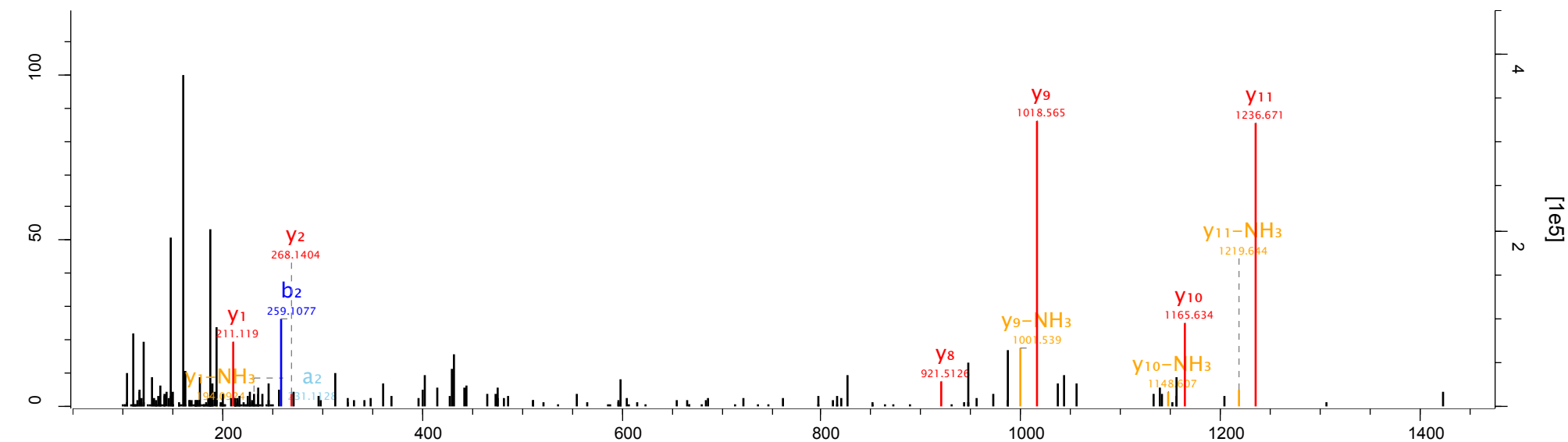
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_500mM	4834	FTMS; HCD	43.68	776.92	CEP162



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_500mM	5297	FTMS; HCD	99.5	826.36	HNRNPA1



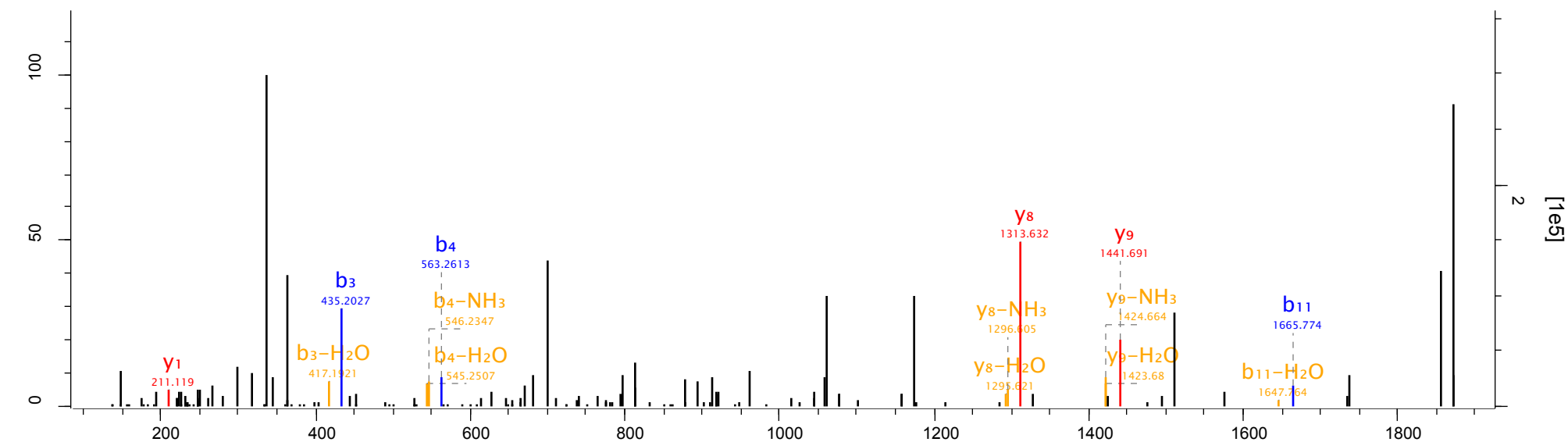
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_500mM	5557	FTMS; HCD	46.35	475.25	CPSF6



Raw file

Zhibin_20150902_MDAOPA_SCX_500mM

Scan 5656 Method FTMS; HCD Score 79.66 m/z 938.45 Gene names SFI1

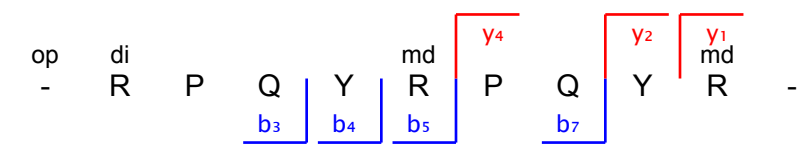
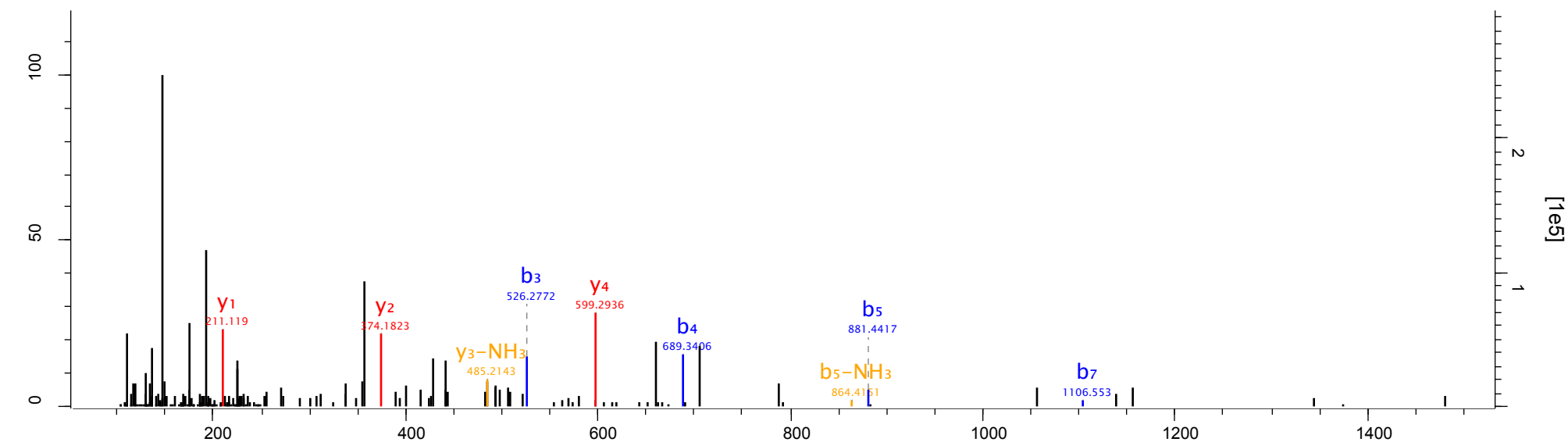


- T W F Q R W W D C S di R R -

Annotations below the sequence:

- Red boxes: y9 (above Q), y8 (above di), y1 (above R)
- Blue boxes: b3 (below F), b4 (below Q), b11 (below R)

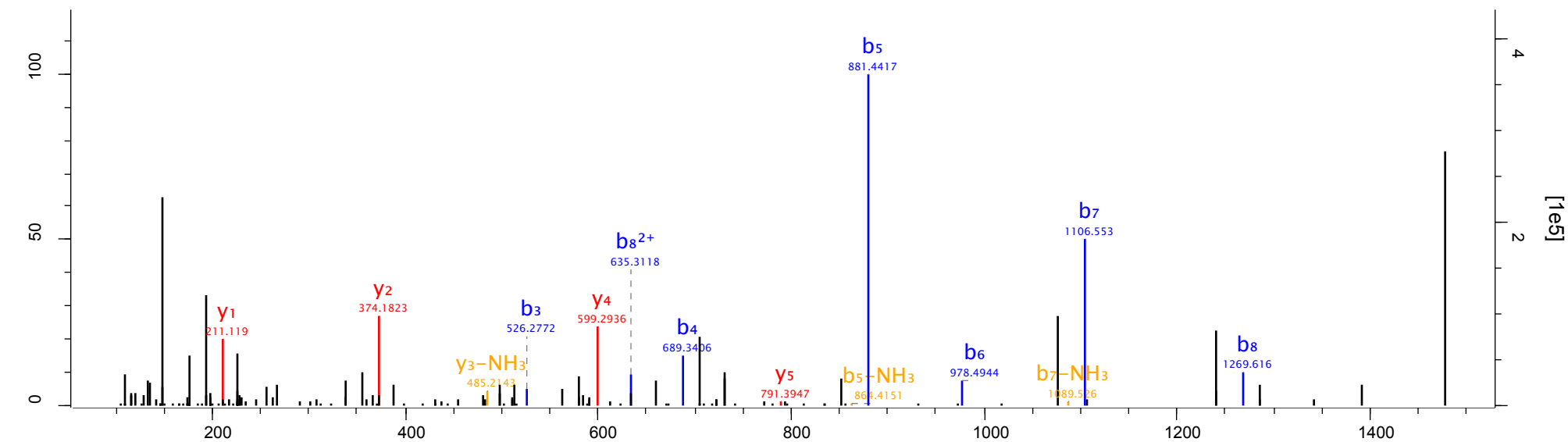
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_500mM	5848	FTMS; HCD	48.79	494.25	YBX3



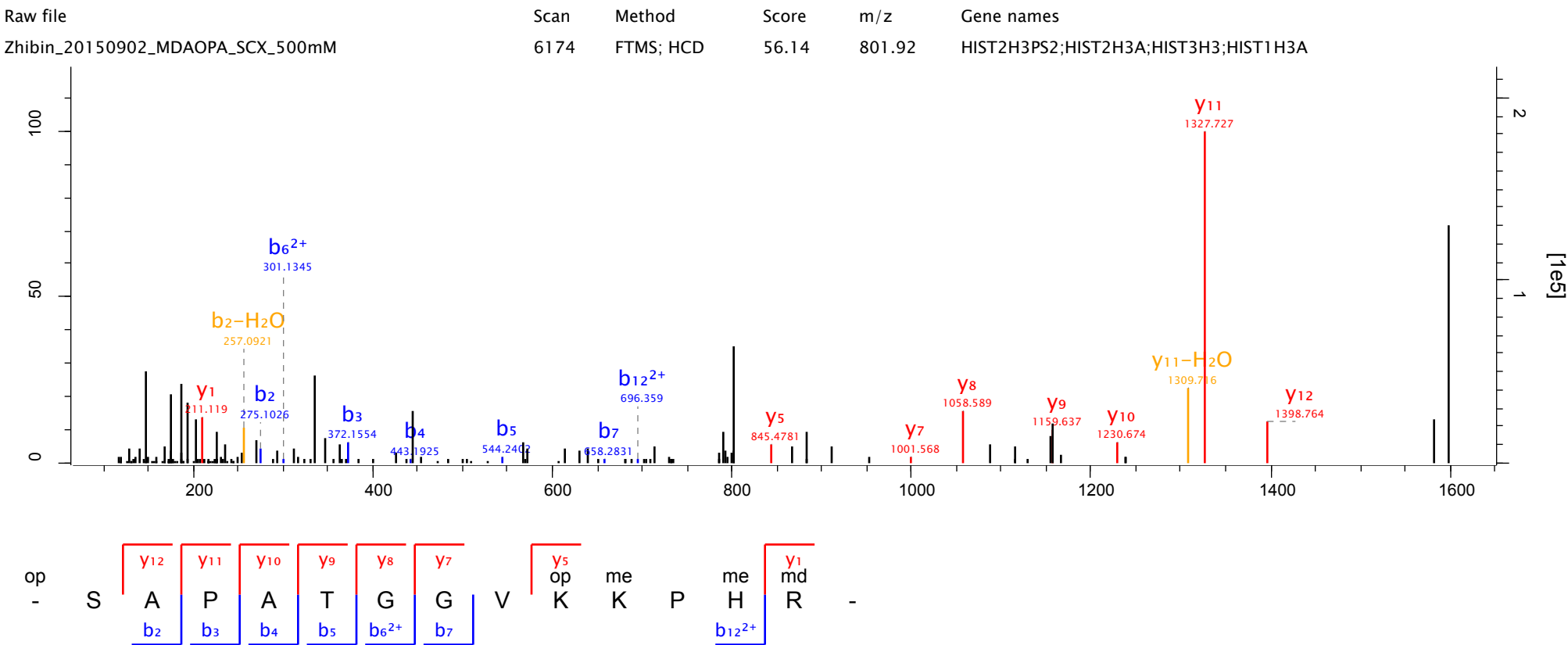
Raw file

Zhibin_20150902_MDAOPA_SCX_500mM

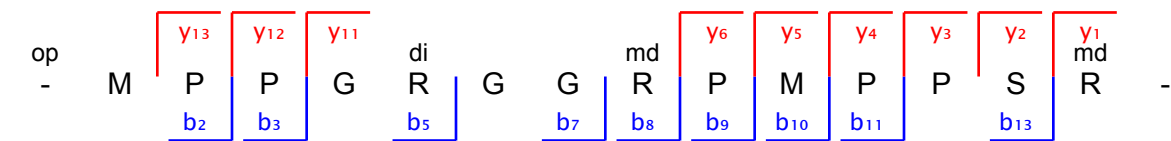
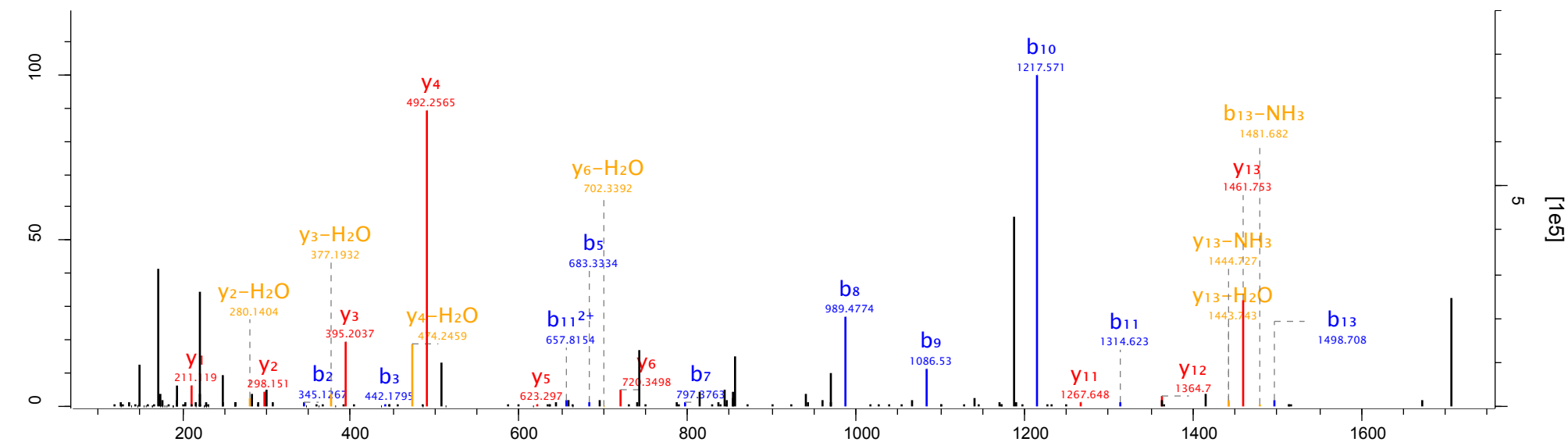
Scan 5873 Method FTMS; HCD Score 76.68 m/z 740.87 Gene names YBX3



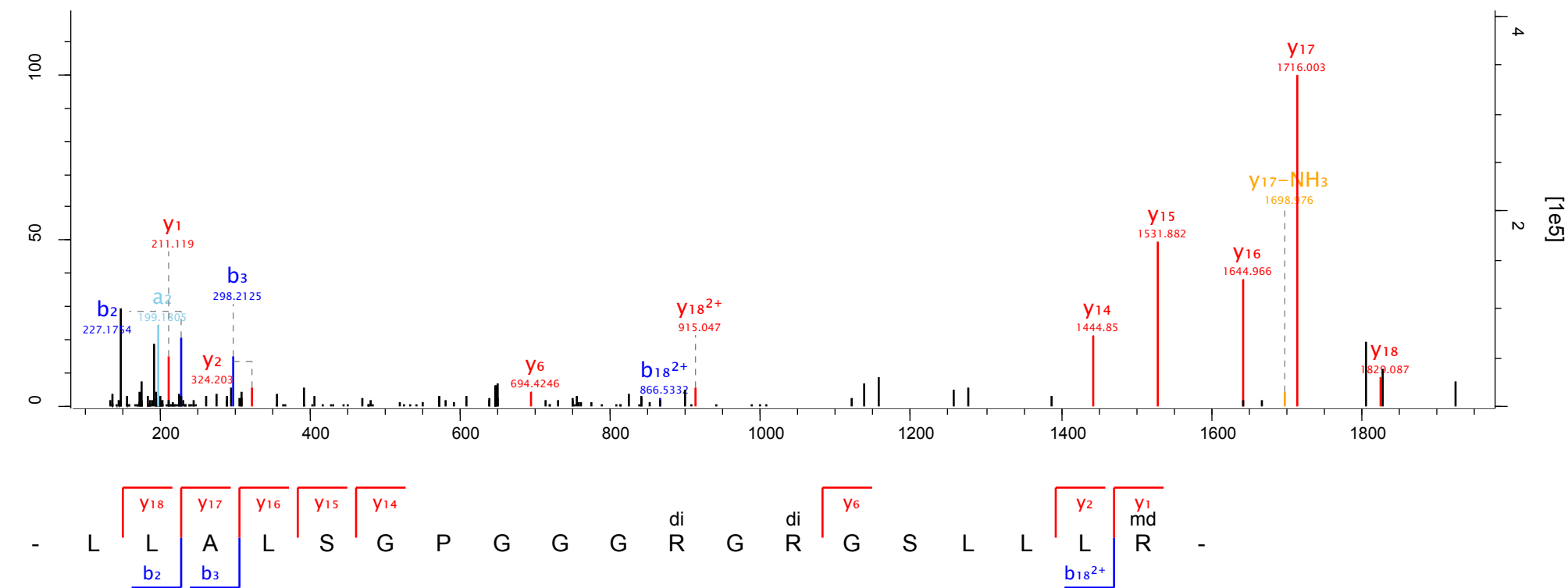
op di P Q Y R P Q Y R -
- R -
b3 b4 b5 b6 b7 b8



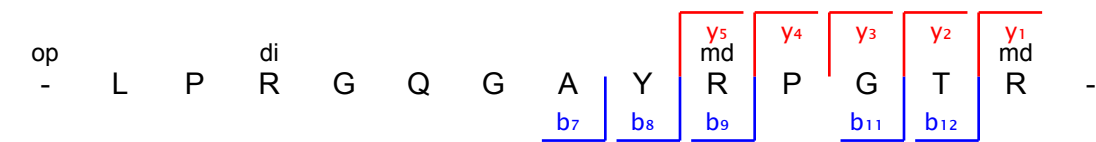
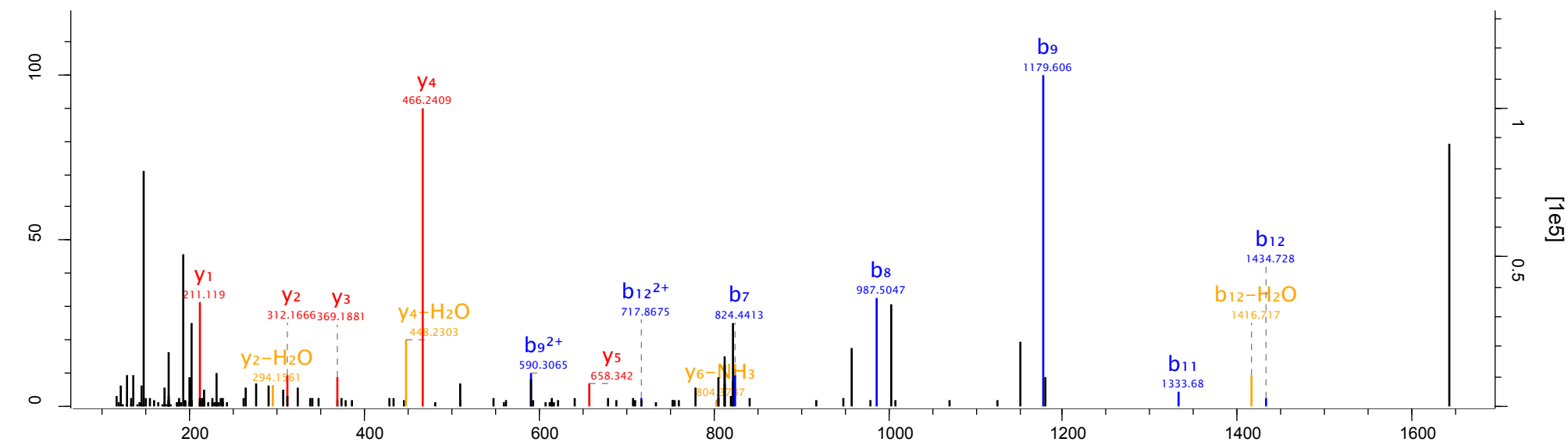
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_500mM	6767	FTMS; HCD	115.06	855.42	HNRNPK



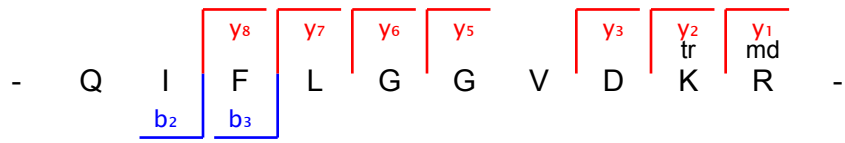
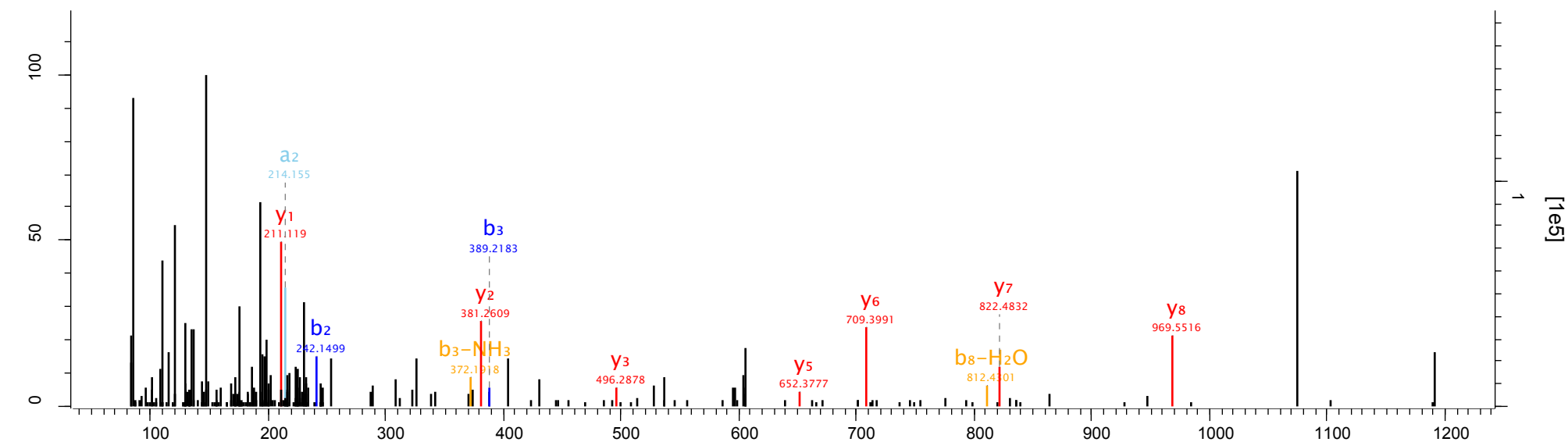
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_500mM	6892	FTMS; HCD	43.21	648.4	PNN



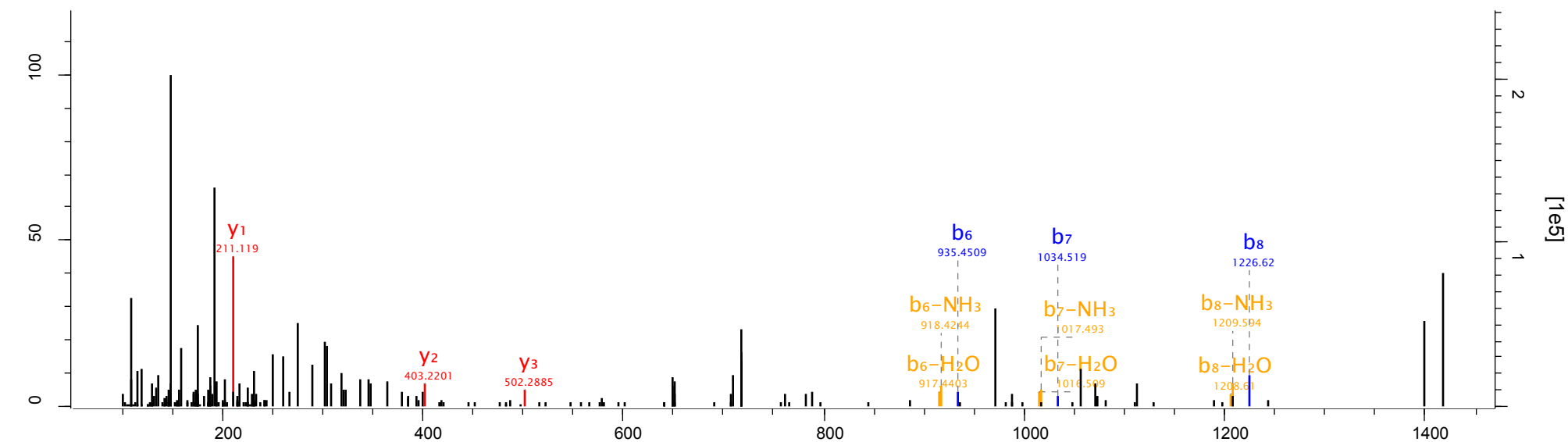
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_500mM	6908	FTMS; HCD	88.02	822.92	RNF25



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_500mM	7066	FTMS; HCD	46.35	605.85	SLC25A5



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_500mM	7806	FTMS; HCD	62.58	718.87	TMEM63A



Raw file

Zhibin_20150902_MDAOPA_SCX_500mM

Scan

10587

Method

FTMS; HCD

Score

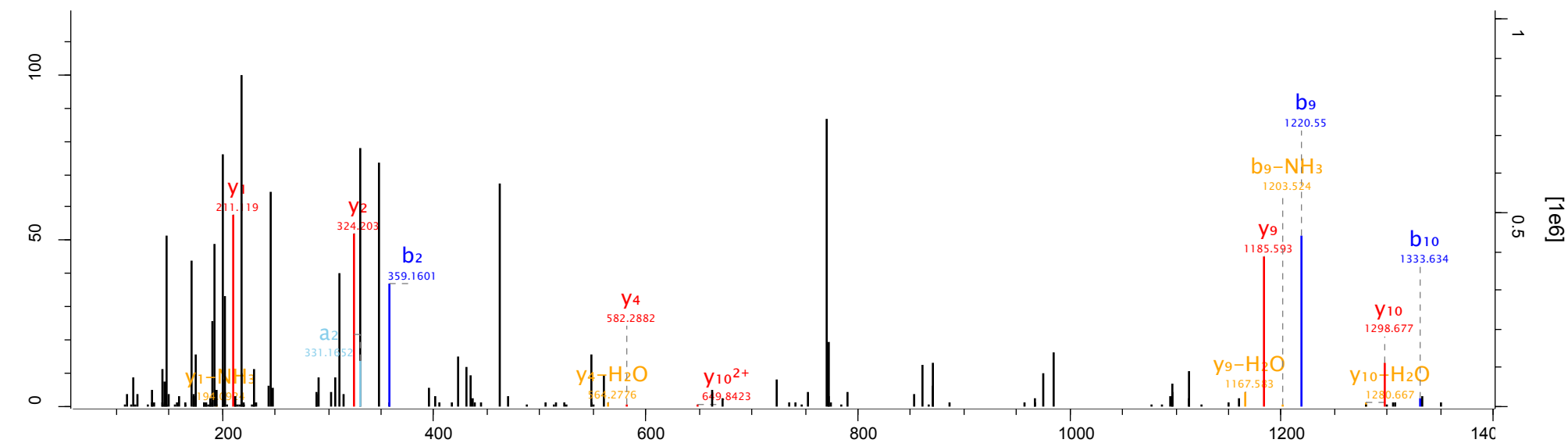
60.64

m/z

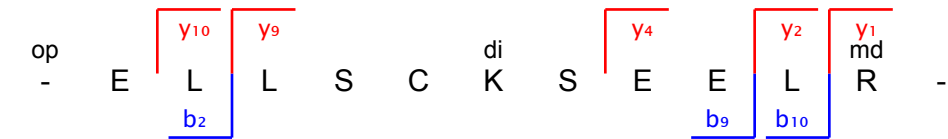
772.38

Gene names

SPDL1



[1e6]



Raw file

Zhibin_20150902_MDAOPA_SCX_500mM

Scan

10786

Method

FTMS; HCD

Score

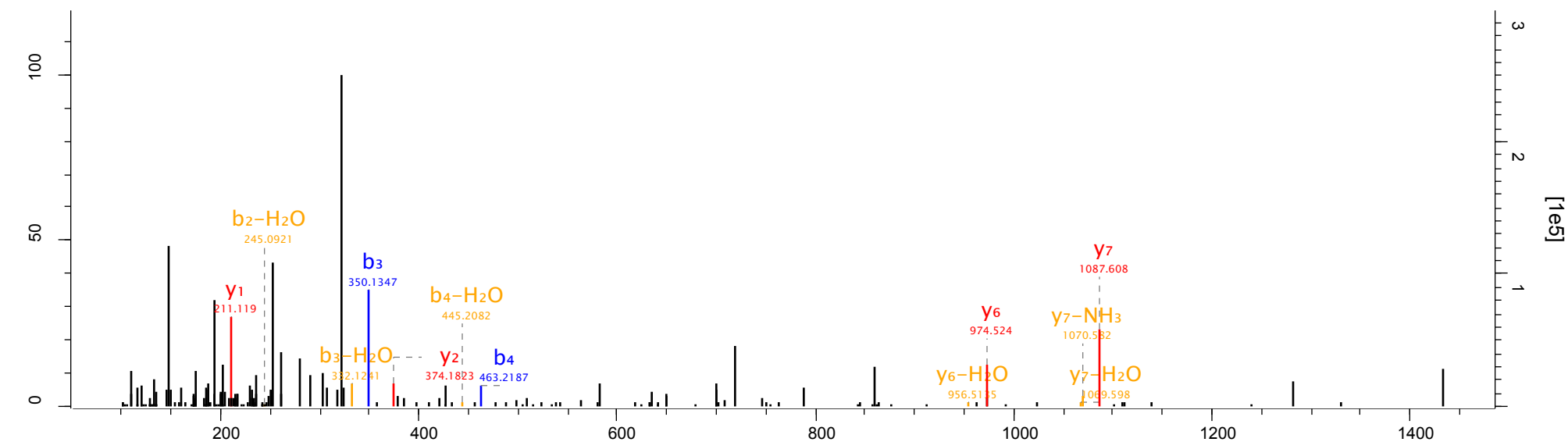
52.58

m/z

718.87

Gene names

TRIO



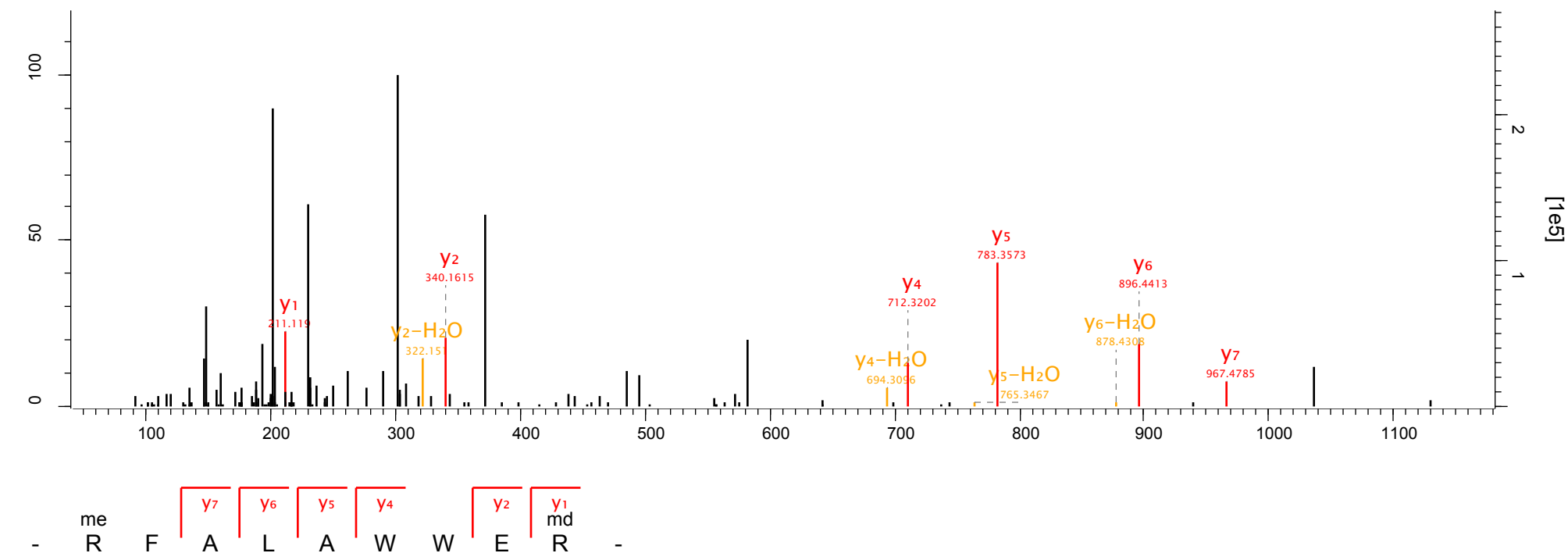
- D F S L R M E tr Y R -

Annotations below the sequence:

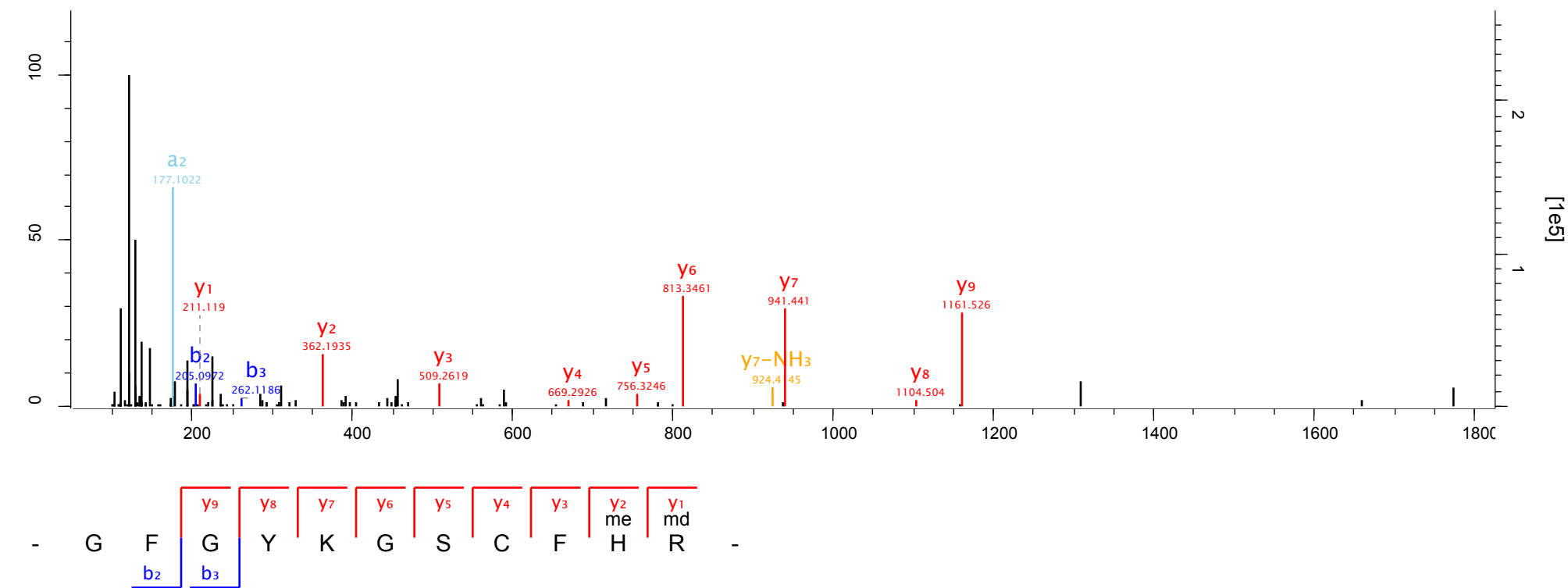
- Red brackets above the sequence: y7 (above L), y6 me (above R), y2 (above Y), y1 md (above R).
- Blue brackets below the sequence: b3 (below S), b4 (below L).

Raw file

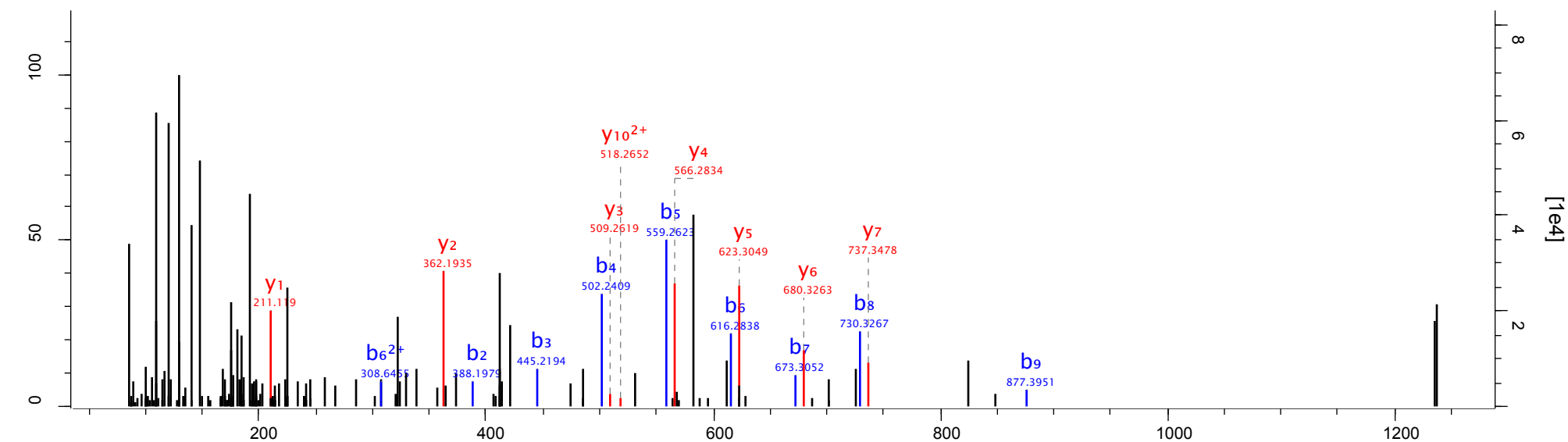
Zhibin_20150902_MDAOPA_SCX_500mM

Scan
12251Method
FTMS; HCDScore
63.82m/z
643.33

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	4476	FTMS; HCD	69.72	455.88	PPIA



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	4794	FTMS; HCD	58.1	413.53	SFPQ



op - S y₁₀²⁺
di R G G y₇ G y₆ G y₅ G y₄ G y₃ F y₂
me H y₁
md R -

b₂
b₃
b₄
b₅
b₆
b₇
b₈
b₉

Zhibin_20150902_MDAOPA_SCX_750mM

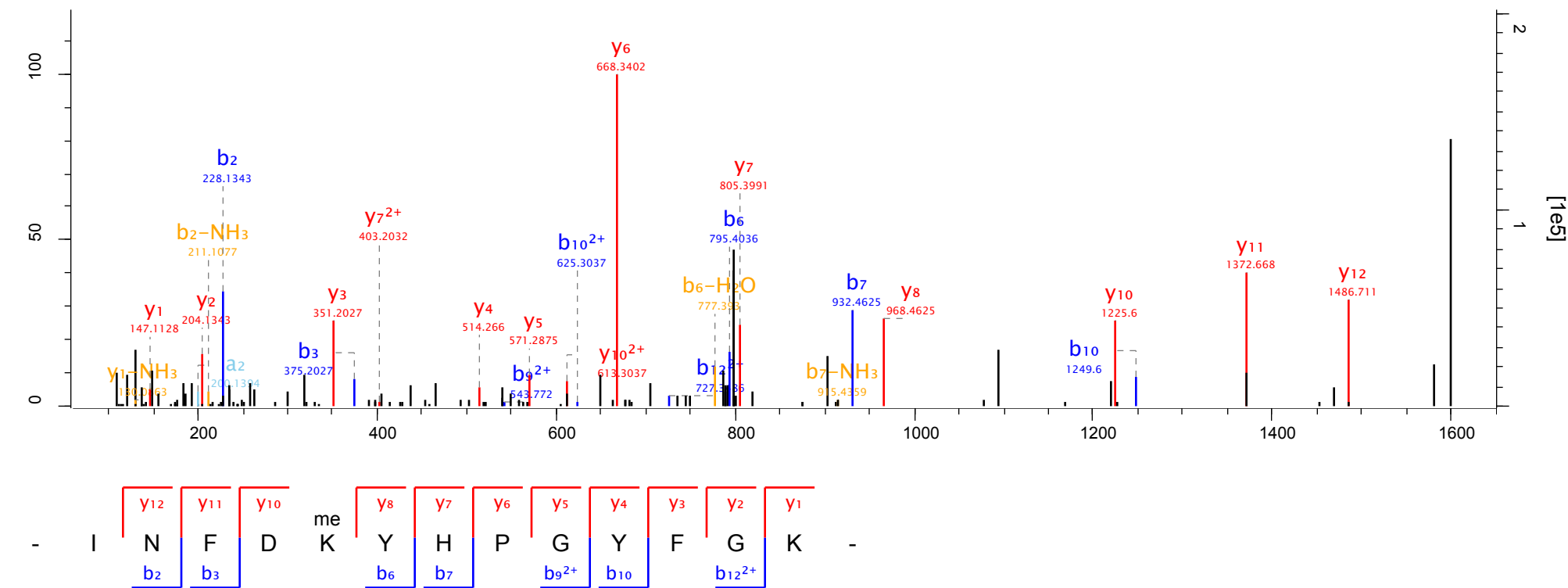
4830

FTMS; HCD

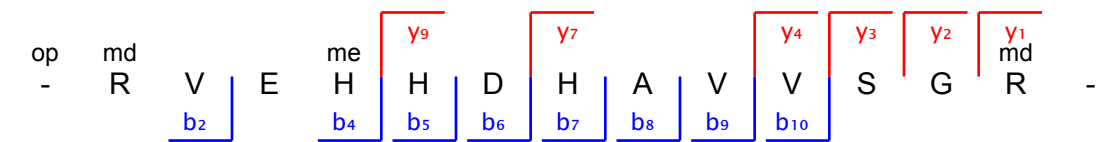
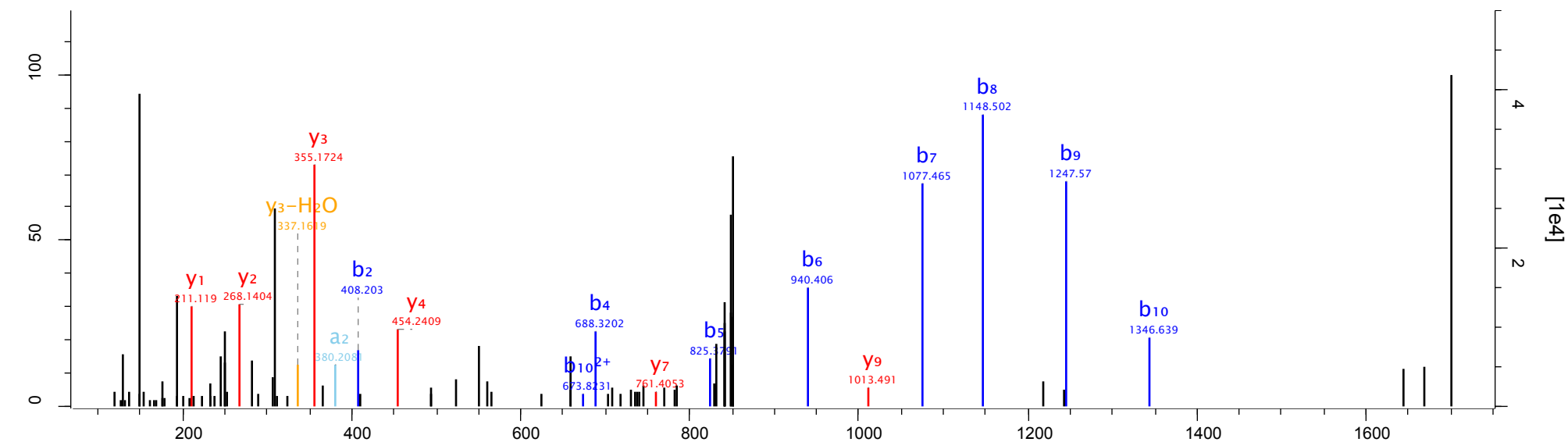
119.39

800.4

RPL27A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	4969	FTMS; HCD	59.71	851.41	AIFM1



Raw file

Zhibin_20150902_MDAOPA_SCX_750mM

Scan

5059

Method

FTMS; HCD

Score

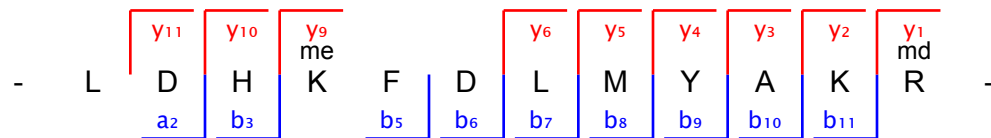
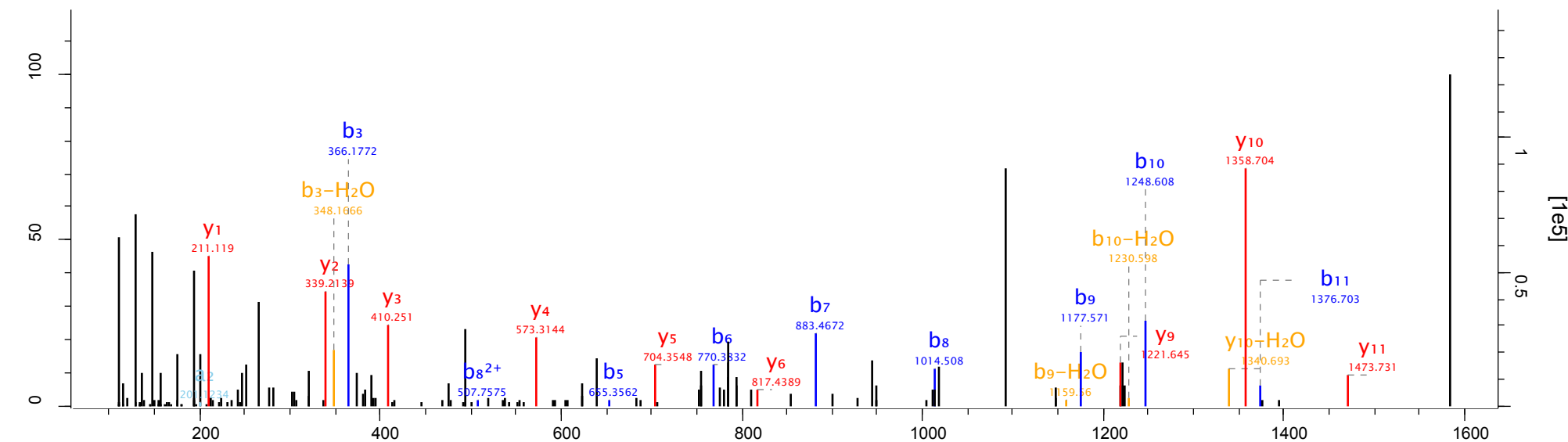
107.65

m/z

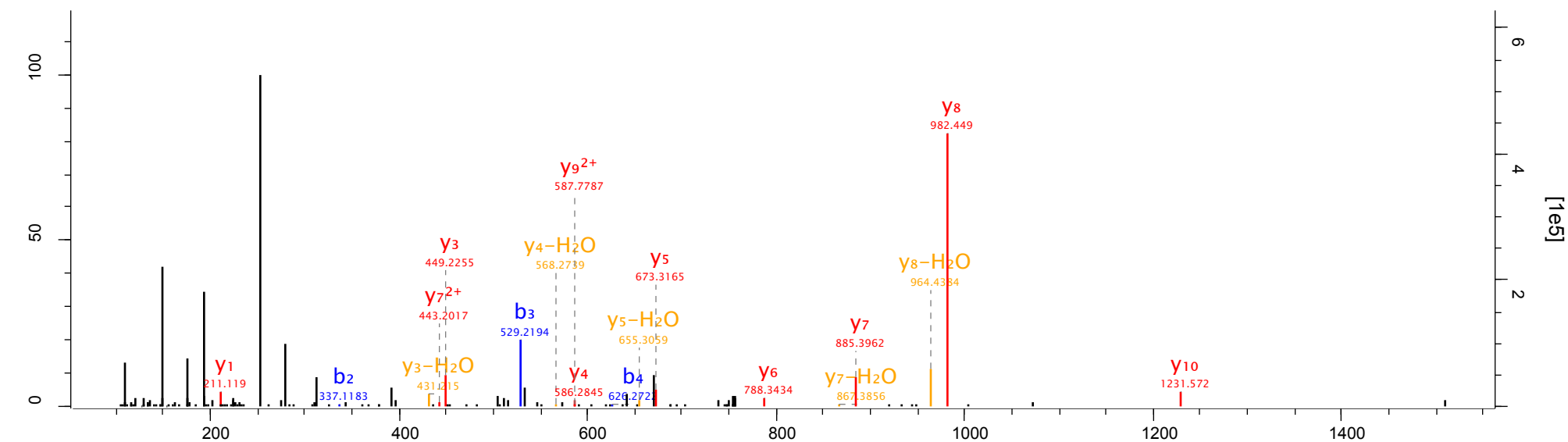
793.91

Gene names

TUBA1A;TUBA3C;TUBA8;TUBA1B;TUBA4A

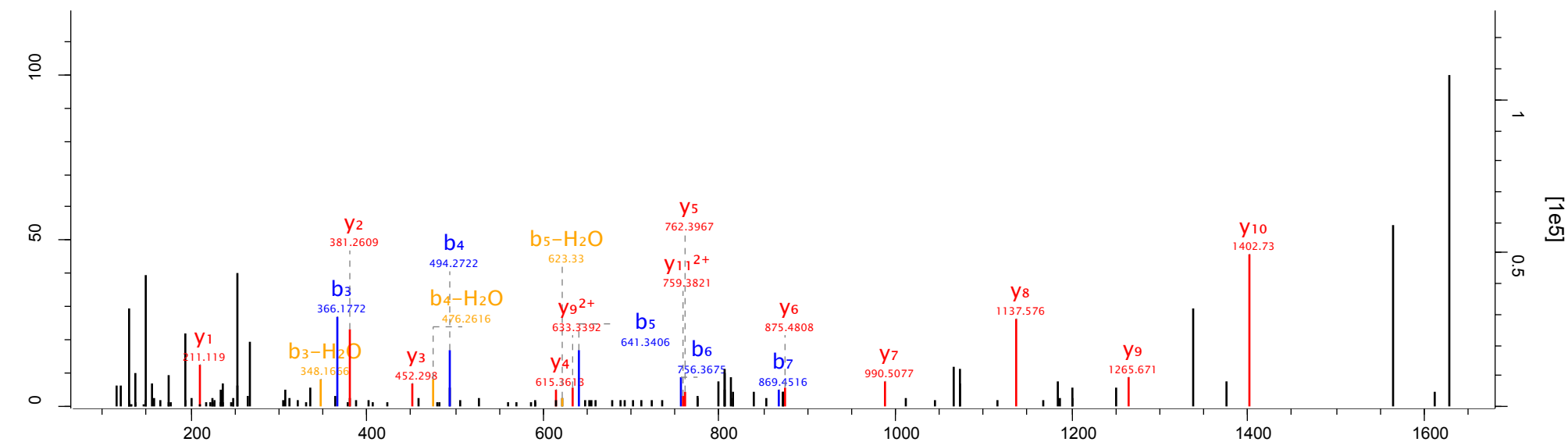


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	5391	FTMS; HCD	83.05	756.34	SRSF2



op		y10	y92+	y8	y7	y6	y5	y4	y3		y1	
-	Y	G	R	P	P	D	S	H	H	S	R	-
		b2	b3	b4								

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	5560	FTMS; HCD	113.24	815.92	TUBA1A;TUBA3C;TUBA8;TUBA1B;TUBA4A



- L D H K F D L M Y A K R -

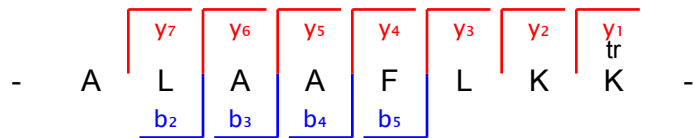
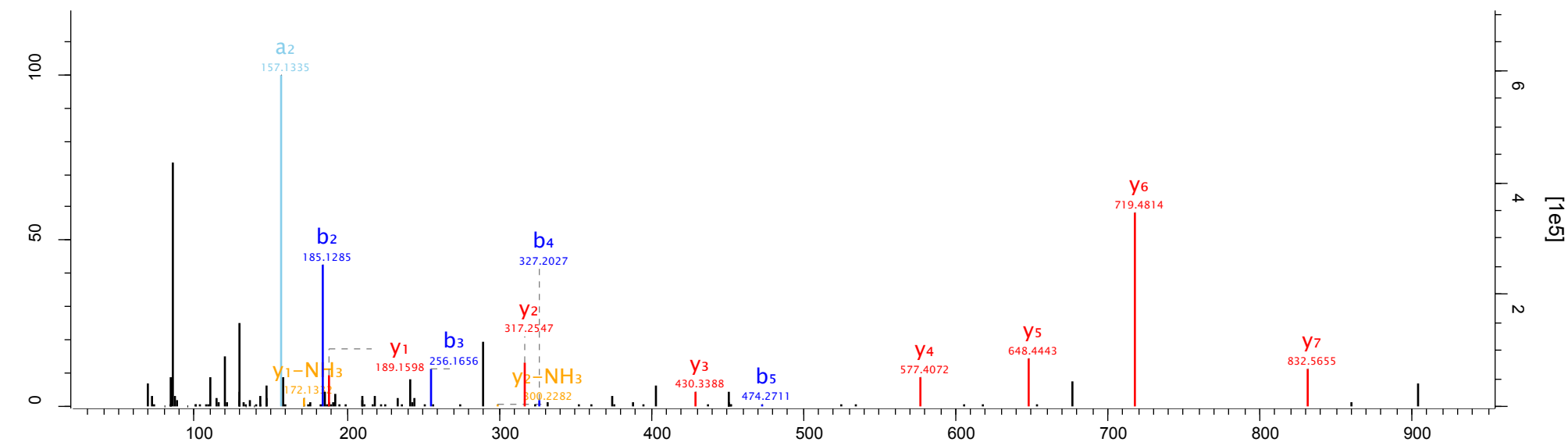
Peptide sequence: L D H K F D L M Y A K R

Fragmentation sites (b and y ions):

- b3 (between D and H)
- b4 (between H and K)
- b5 (between K and F)
- b6 (between F and D)
- b7 (between D and L)

Corresponding y ions (y1 to y11) are shown above the sequence, indicating the charge state of the fragment.

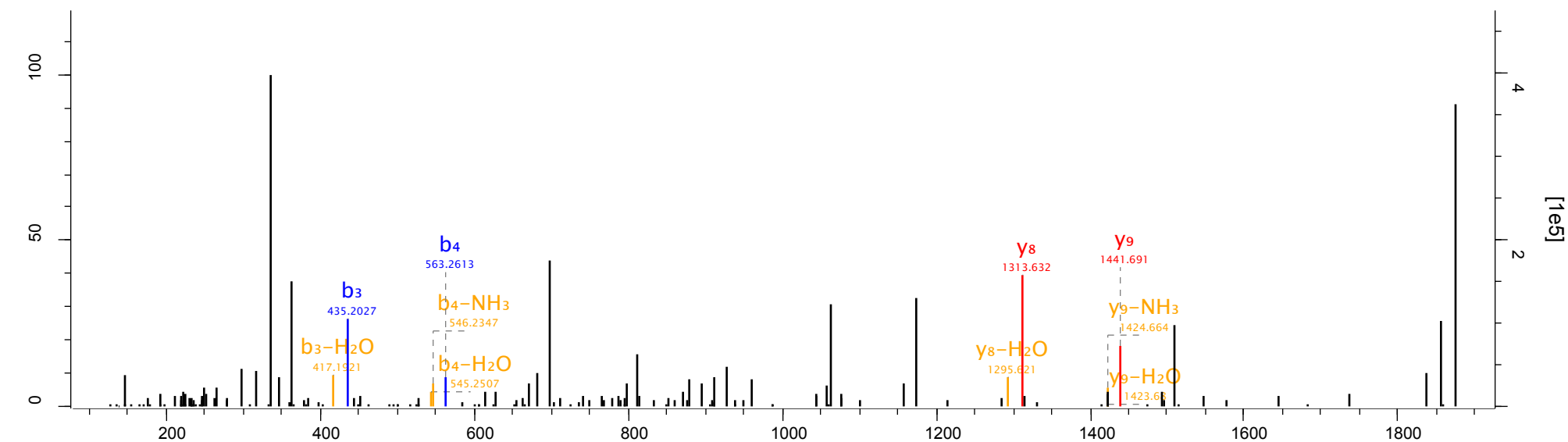
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	5770	FTMS; HCD	89.55	452.31	RPS19



Raw file

Zhibin_20150902_MDAOPA_SCX_750mM

Scan 5814 Method FTMS; HCD Score 45.43 m/z 938.95 Gene names SFI1



- T W F Q R W W D C S md di -

b_3 b_4 y_9 y_8

Zhibin_20150902_MDAOPA_SCX_750mM

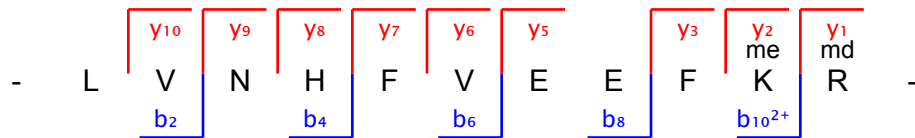
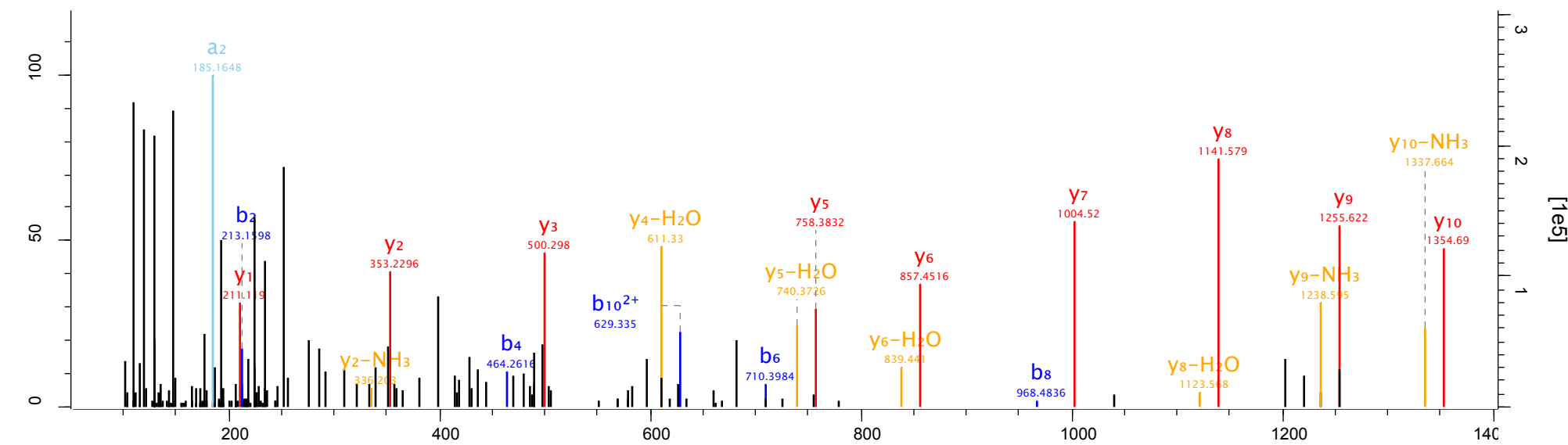
6053

FTMS; HCD

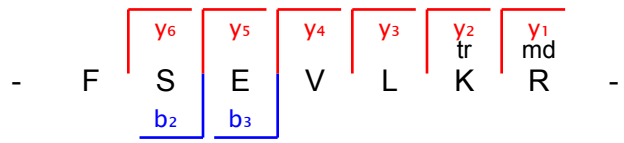
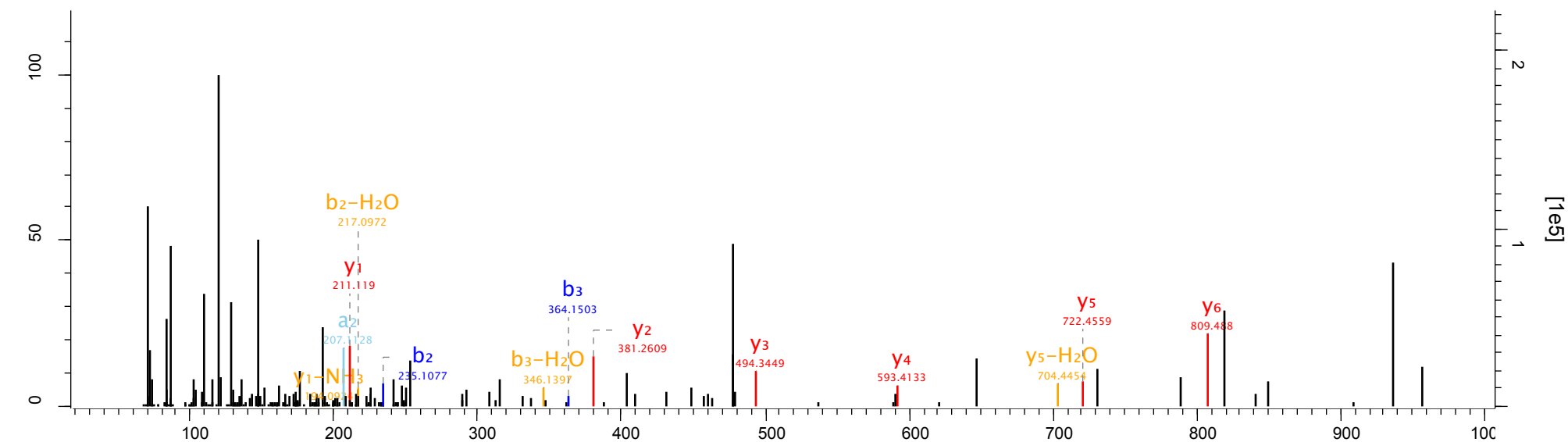
128.85

489.93

HSPA1A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	6268	FTMS; HCD	66.8	478.78	CKB



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_750mM

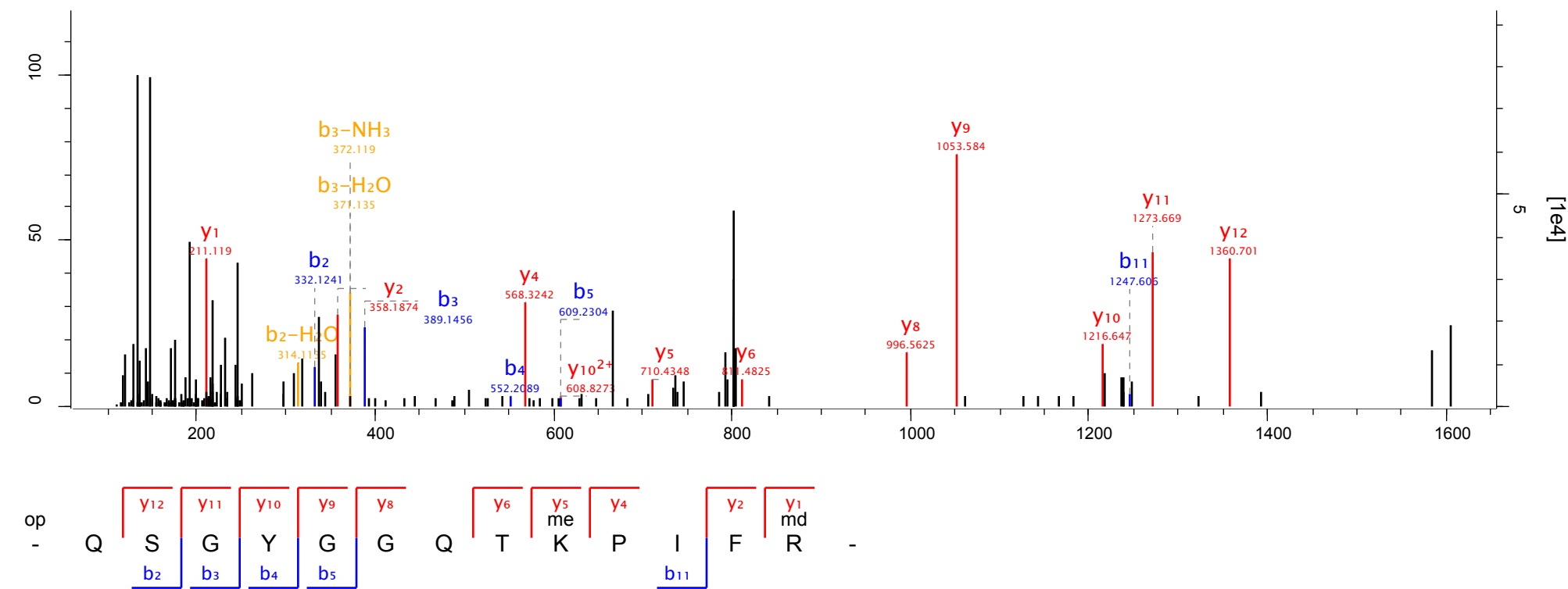
6569

FTMS; HCD

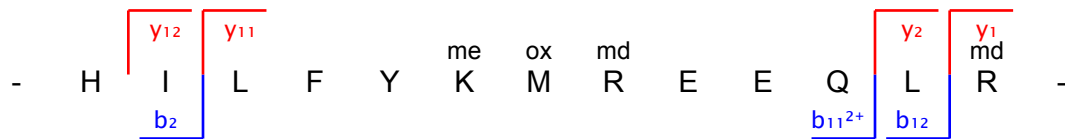
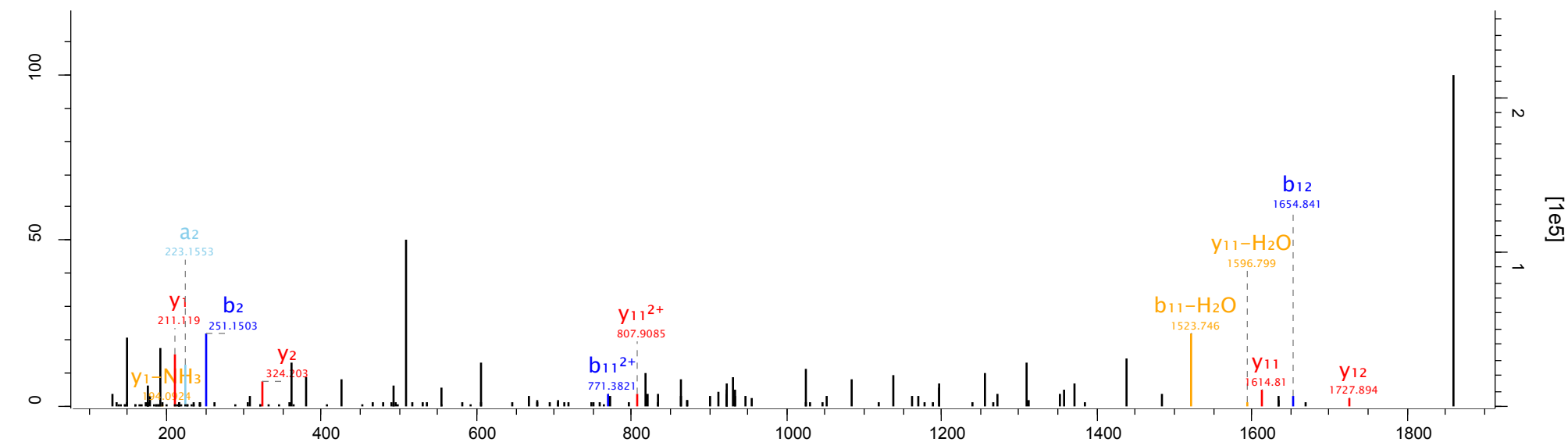
58.89

802.9

RPL36AL;RPL36A;RPL36A-HNRNPH2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	6880	FTMS; HCD	49.45	932.98	SH2D4B



Zhibin_20150902_MDAOPA_SCX_750mM

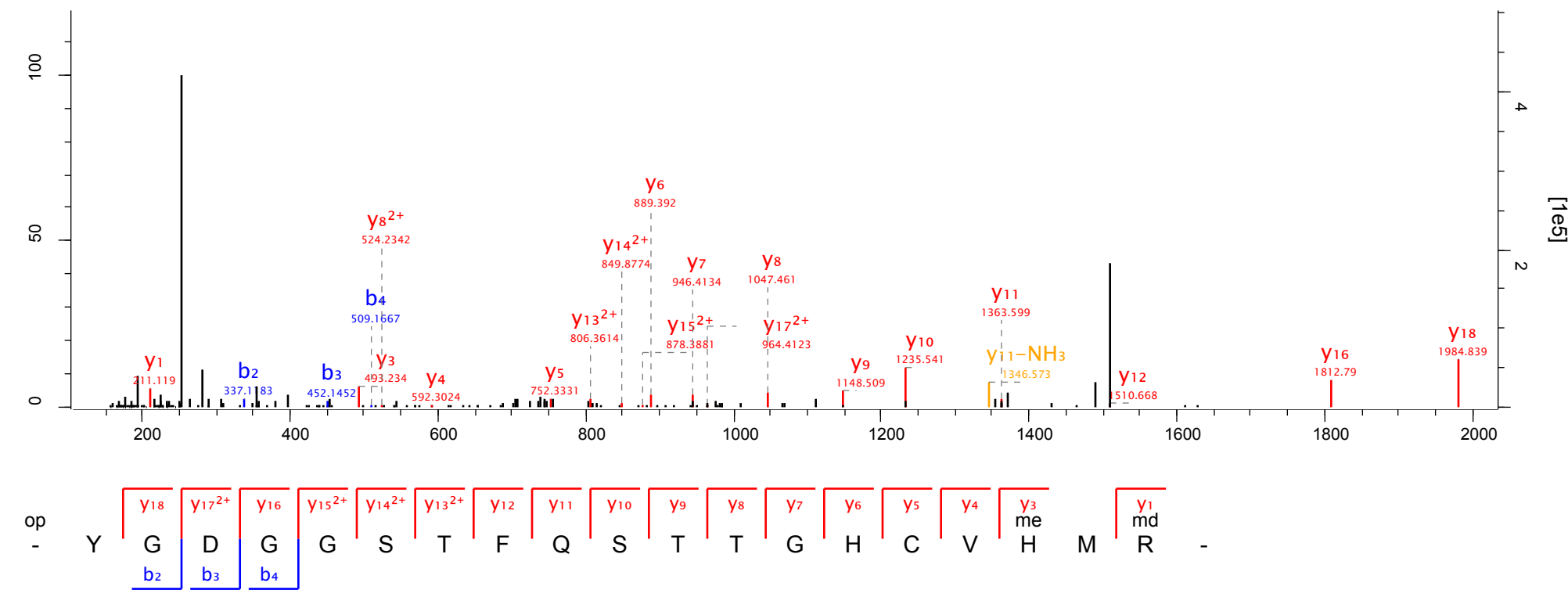
7013

FTMS; HCD

82.88

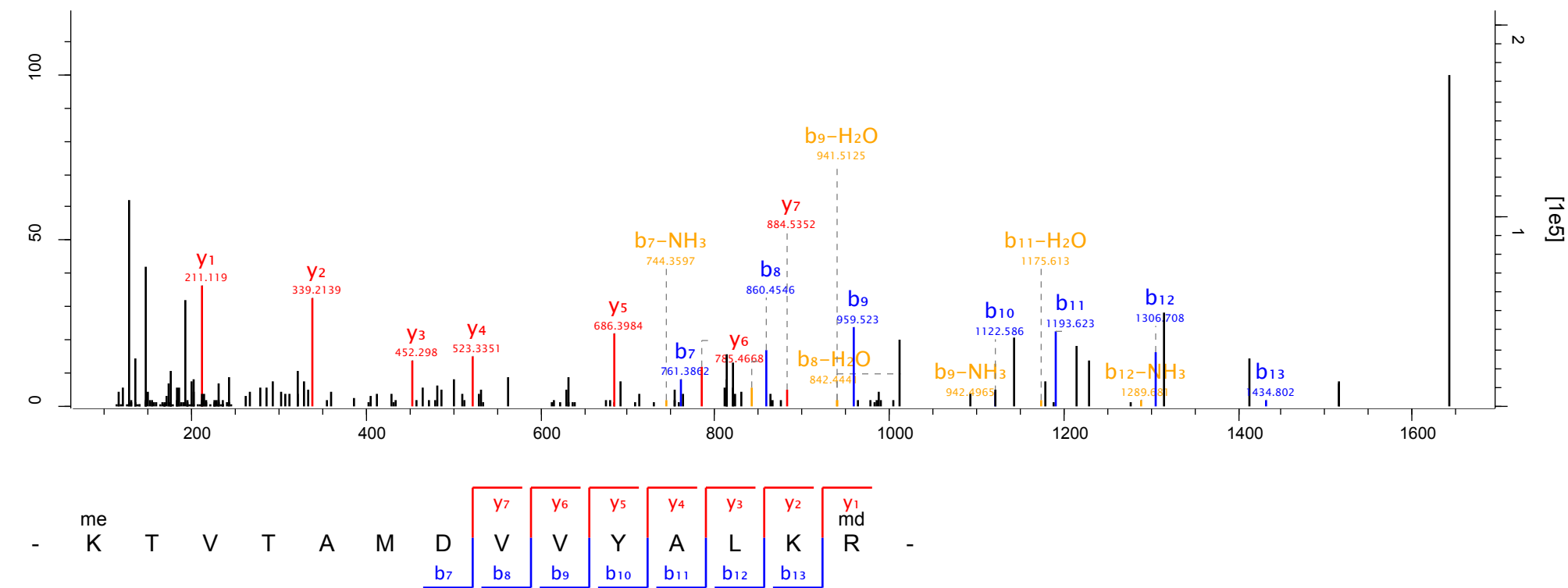
755.65

HNRNPH1

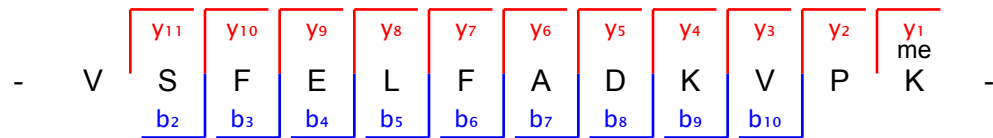
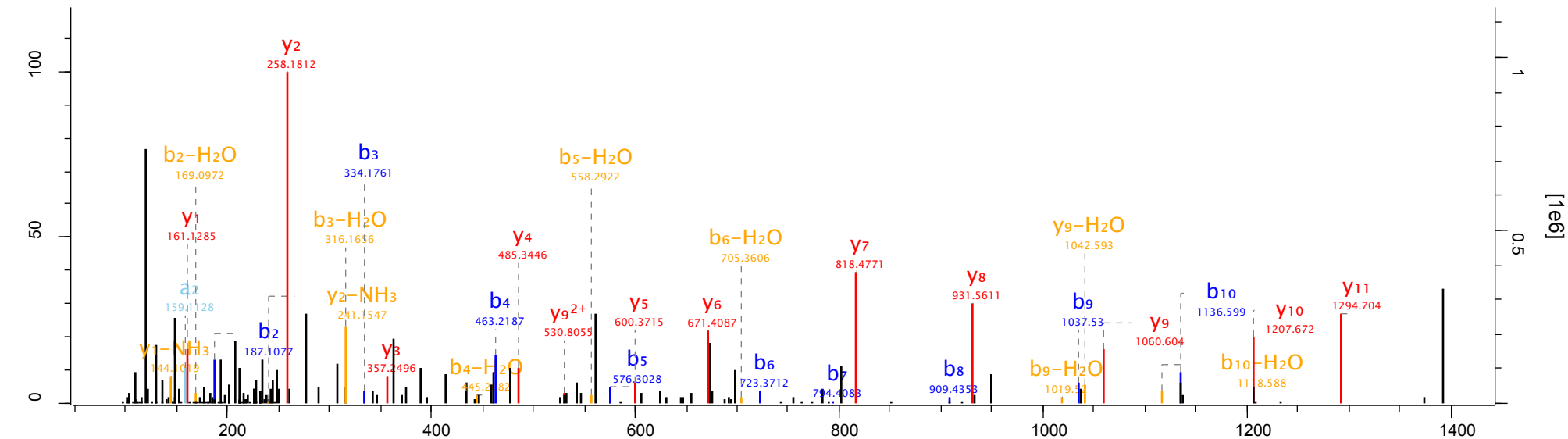


Raw file
Zhibin_20150902_MDAOPA_SCX_750mM

Scan	Method	Score	m/z	Gene names
7029	FTMS; HCD	72.32	822.96	HIST1H4A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	7313	FTMS; HCD	128.61	697.89	PPIA



Raw file

Zhibin_20150902_MDAOPA_SCX_750mM

Scan

7443

Method

FTMS; HCD

Score

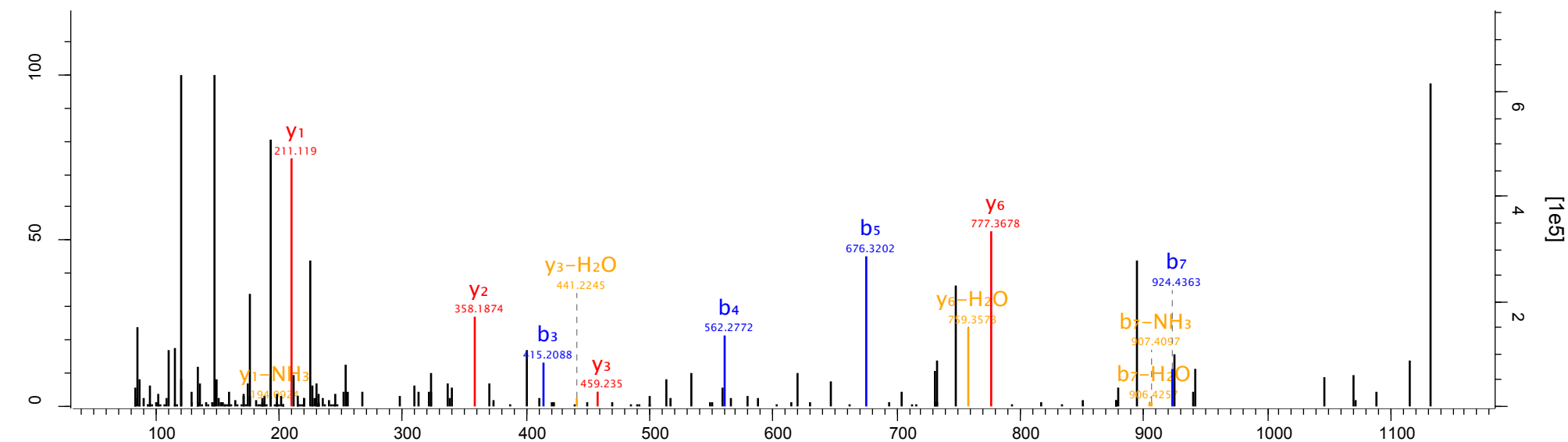
60.83

m/z

567.78

Gene names

DDX5

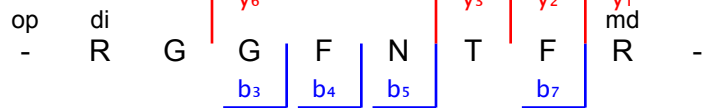


[1es]

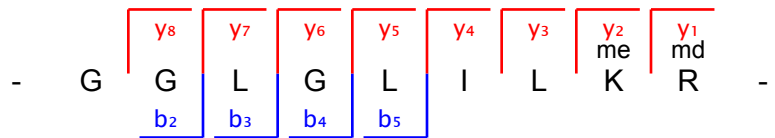
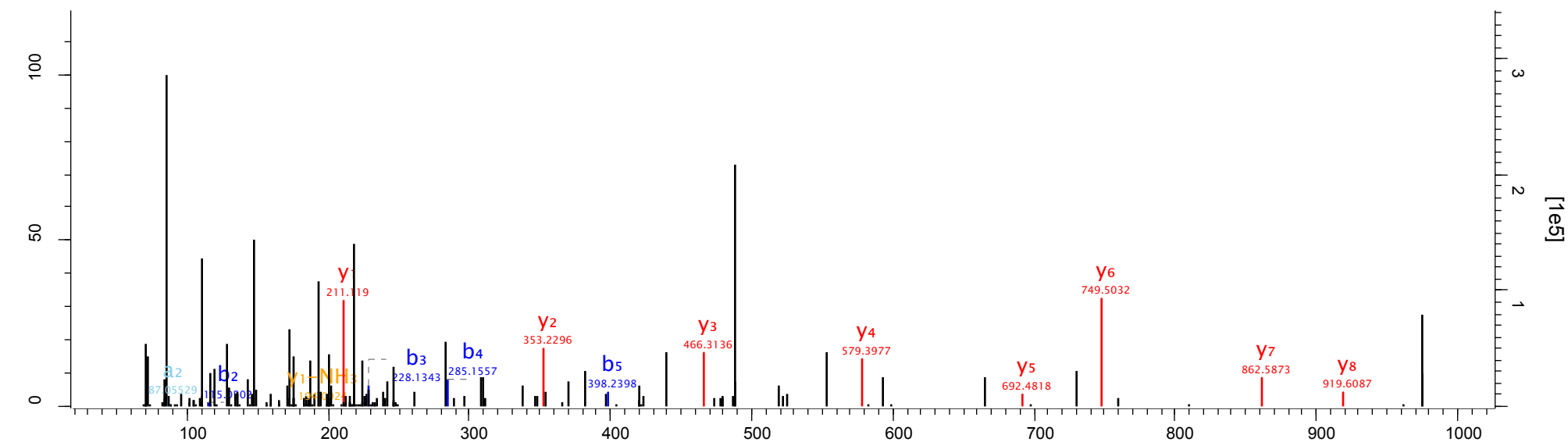
6

4

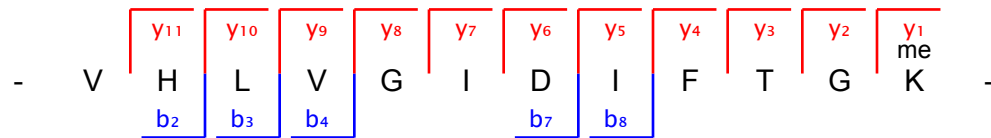
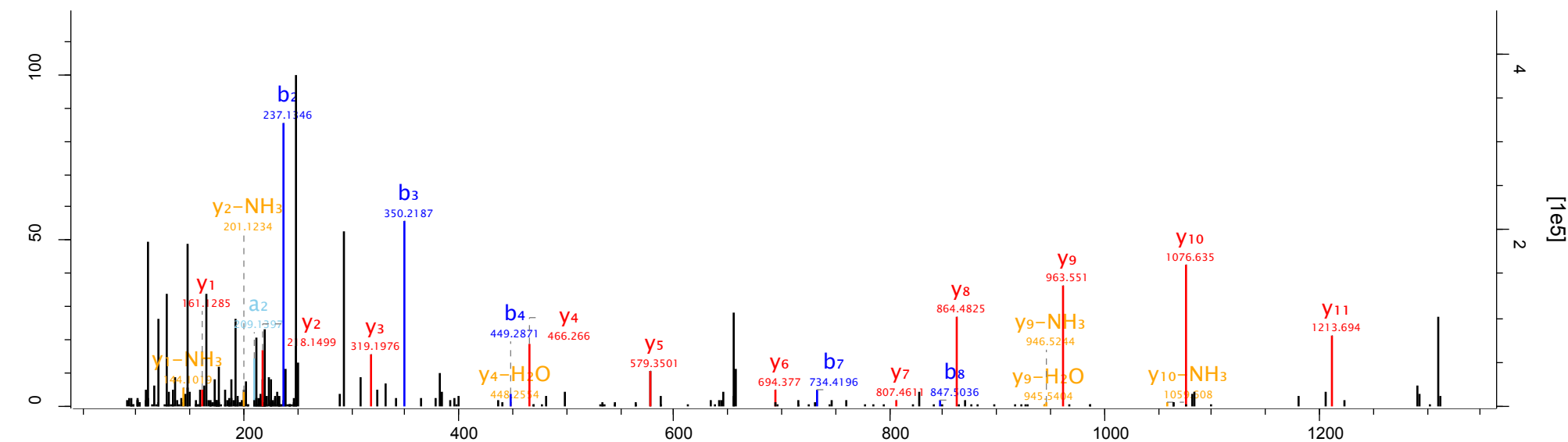
2



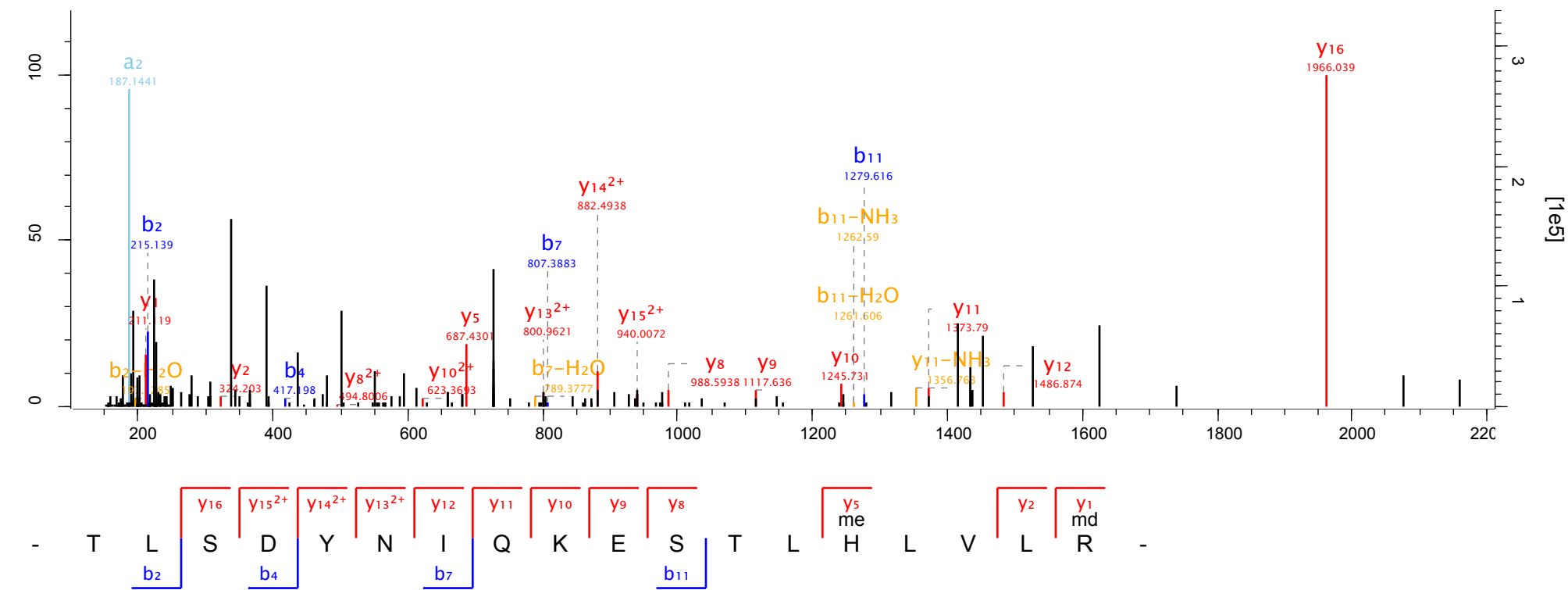
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	7646	FTMS; HCD	49.72	488.26	PSMD10



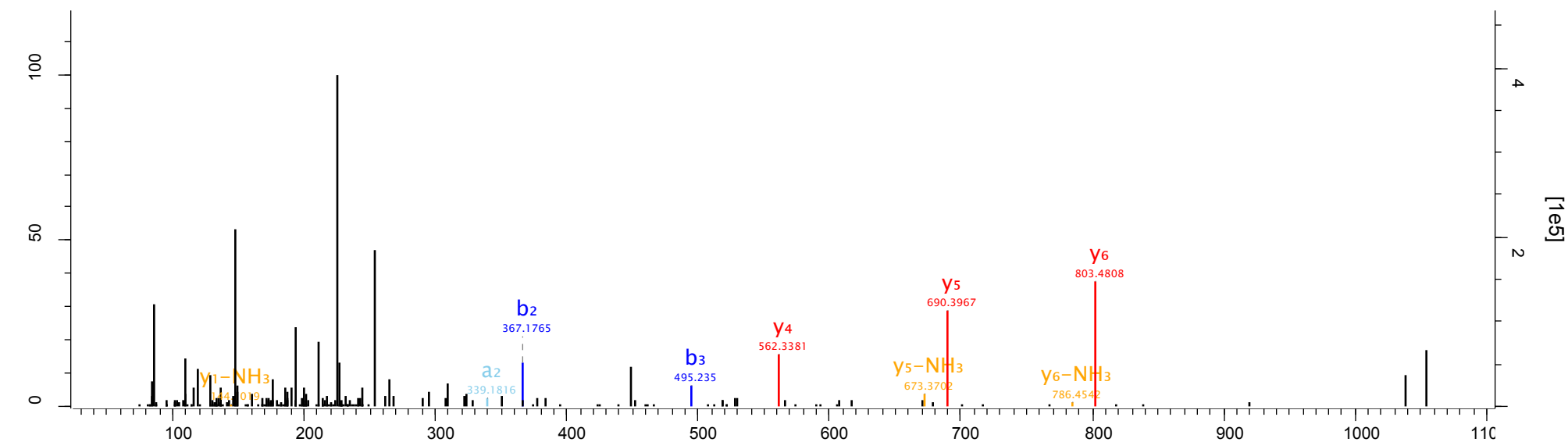
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	7812	FTMS; HCD	98.9	656.88	EIF5A;EIF5AL1;EIF5A2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	7860	FTMS; HCD	51.54	727.73	RPS27A;UBB;UBC;UBA52



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	7868	FTMS; HCD	54.53	528.78	TAS2R4



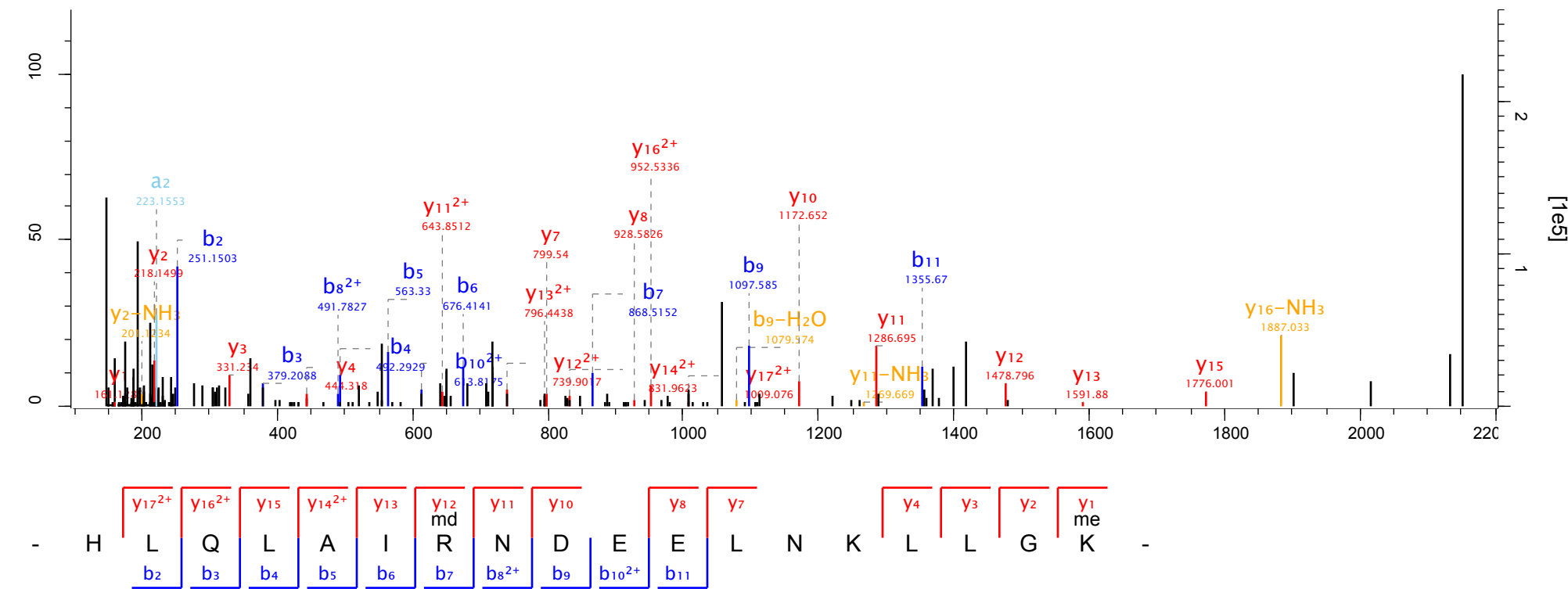
op								
-	H	I	Q	me	M	Q	me	-
		b ₂	b ₃					

Raw file

Scan Method Score m/z Gene names

Zhibin_20150902_MDAOPA_SCX_750mM

7917 FTMS; HCD 102.36 719.07 HIST1H2AJ;HIST1H2AH;H2AFJ;HIST2H2AC;HIST2H2AA3;HIST1H2AG;HIST1H2AD



Raw file

Zhibin_20150902_MDAOPA_SCX_750mM

Scan

8956

Method

FTMS; HCD

Score

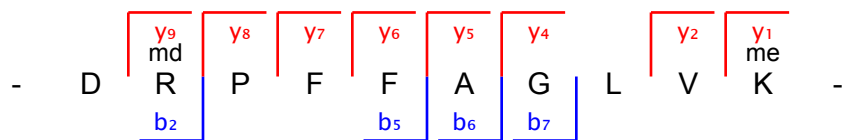
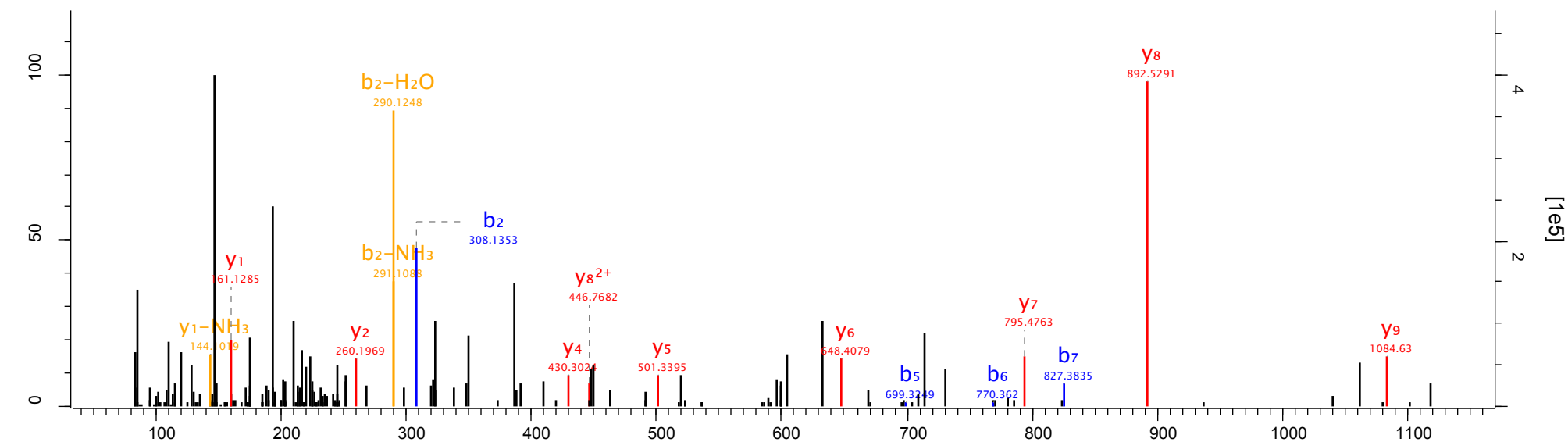
63.69

m/z

600.33

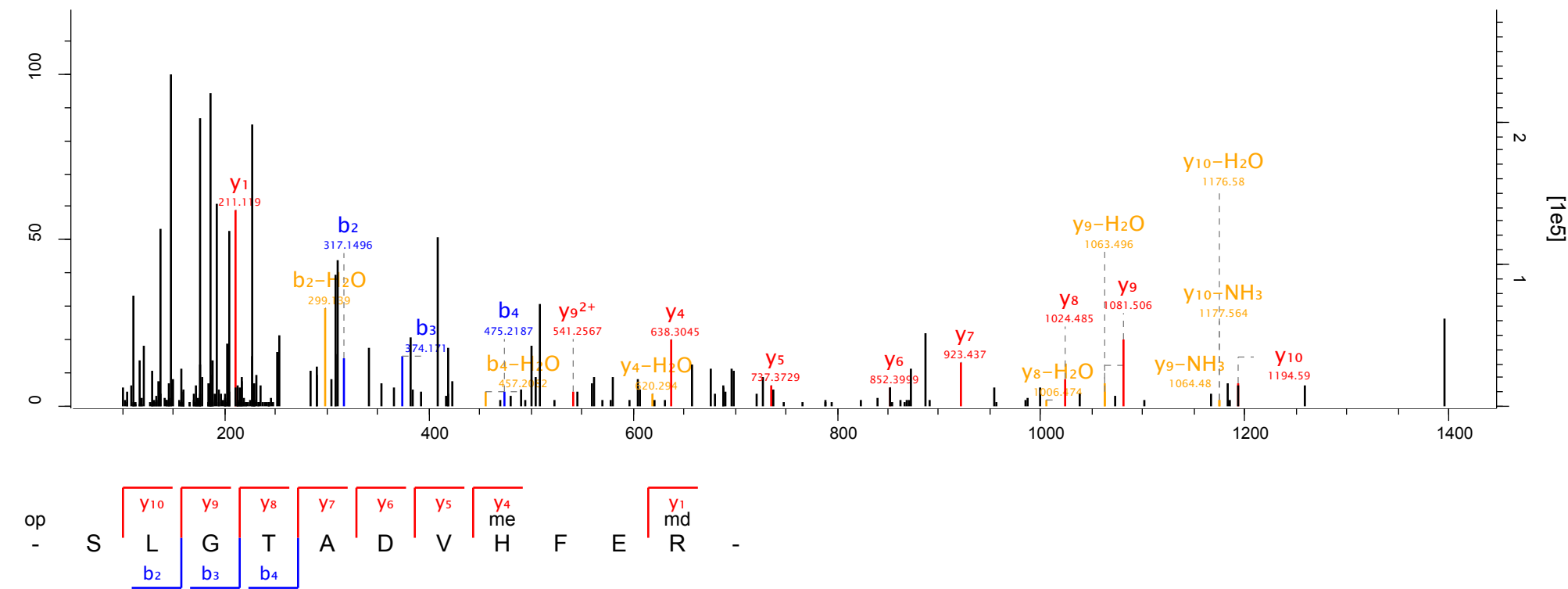
Gene names

NME1-NME2;NME2;NME1

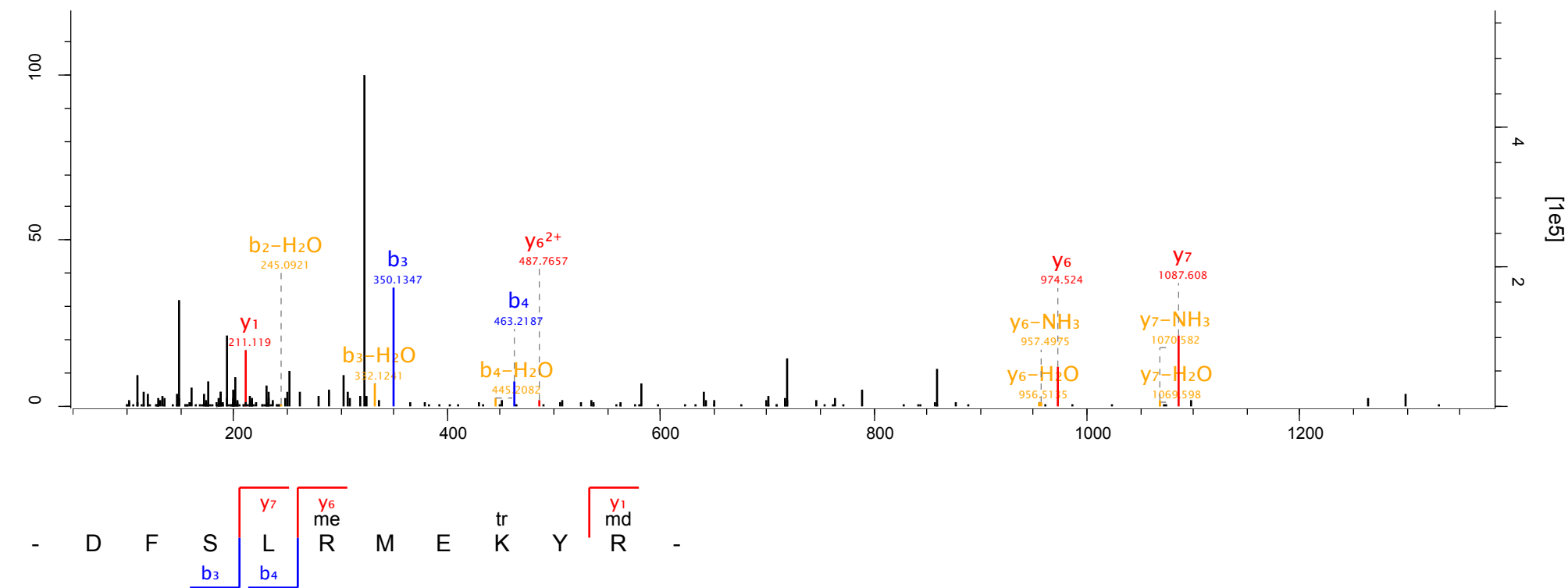


Gene names

ALYREF

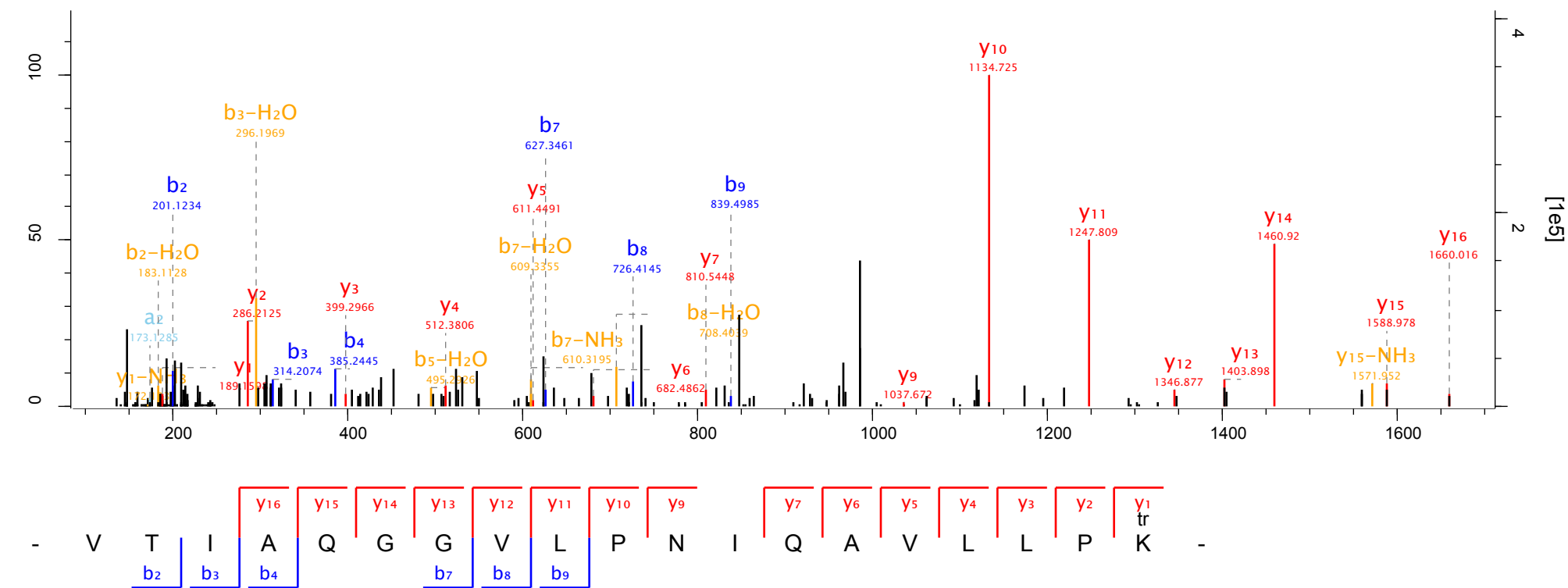


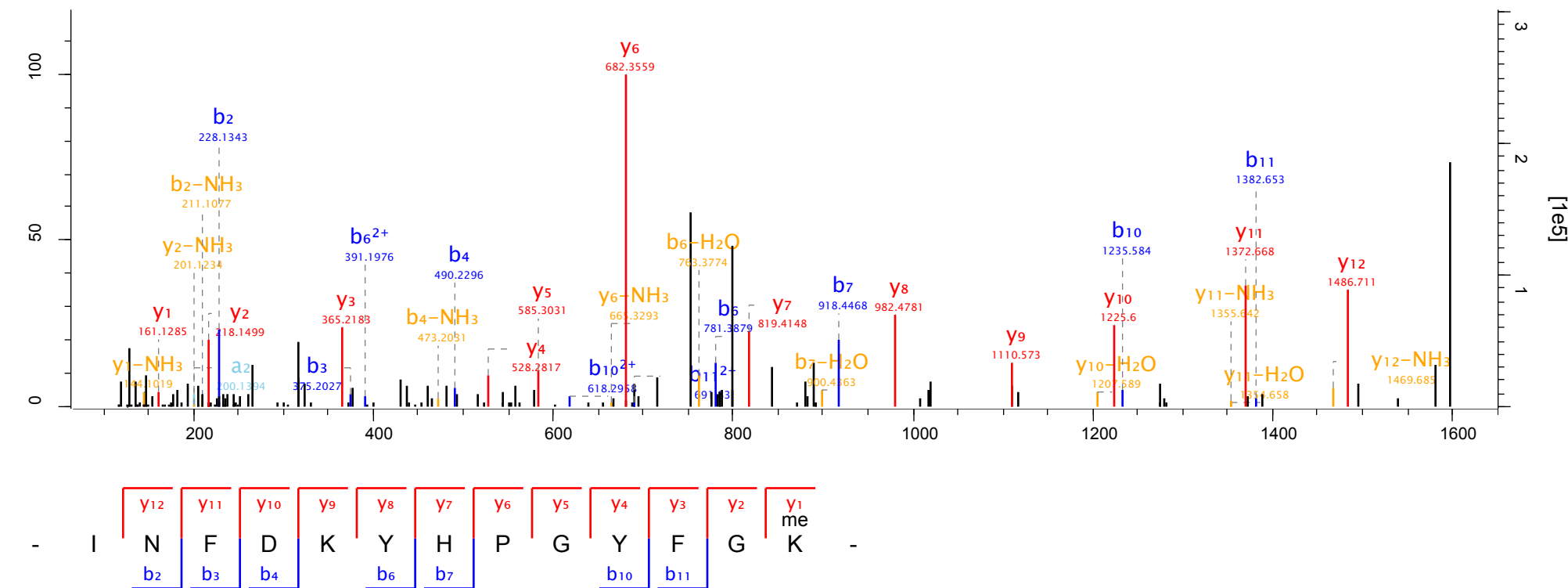
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_750mM	11062	FTMS; HCD	74.92	719.37	TRIO



Raw file Scan Method Score m/z Gene names

Zhibin_20150902_MDAOPA_SCX_750mM 11279 FTMS; HCD 73.92 987.11 HIST1H2AJ;HIST1H2AH;H2AFJ;HIST2H2AC;HIST2H2AA3;HIST1H2AG;HIST1H2AD;HIST1H2AC;HIST3H2A;HIST1H2AB





Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_1

Scan

4876

Method

FTMS; HCD

Score

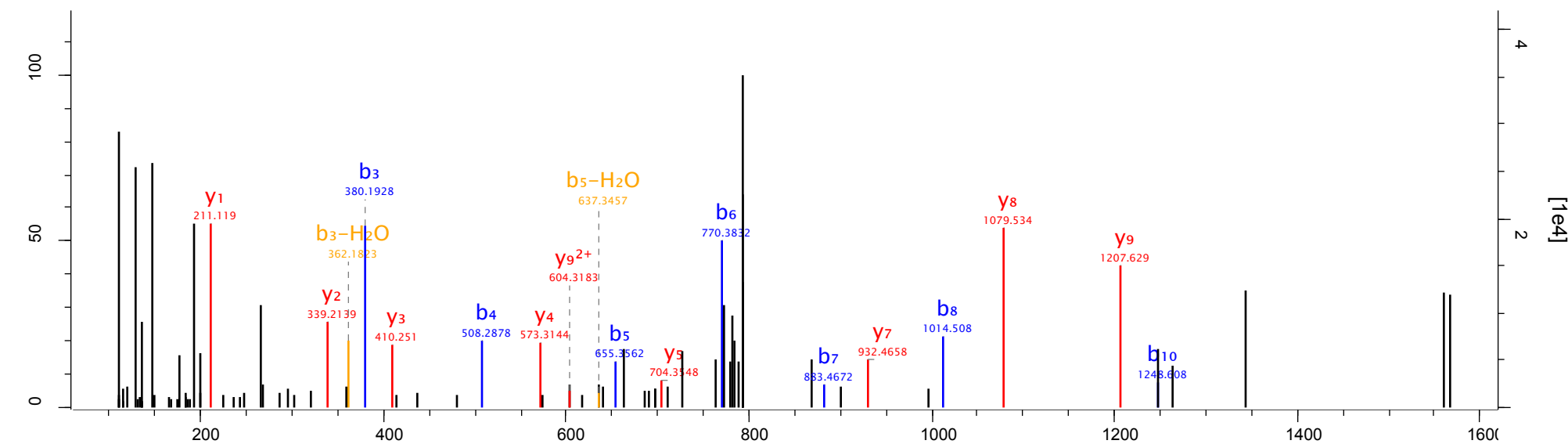
77.89

m/z

793.91

Gene names

TUBA1A;TUBA3C;TUBA8;TUBA1B;TUBA4A



- L D me H K F D L M Y A K -

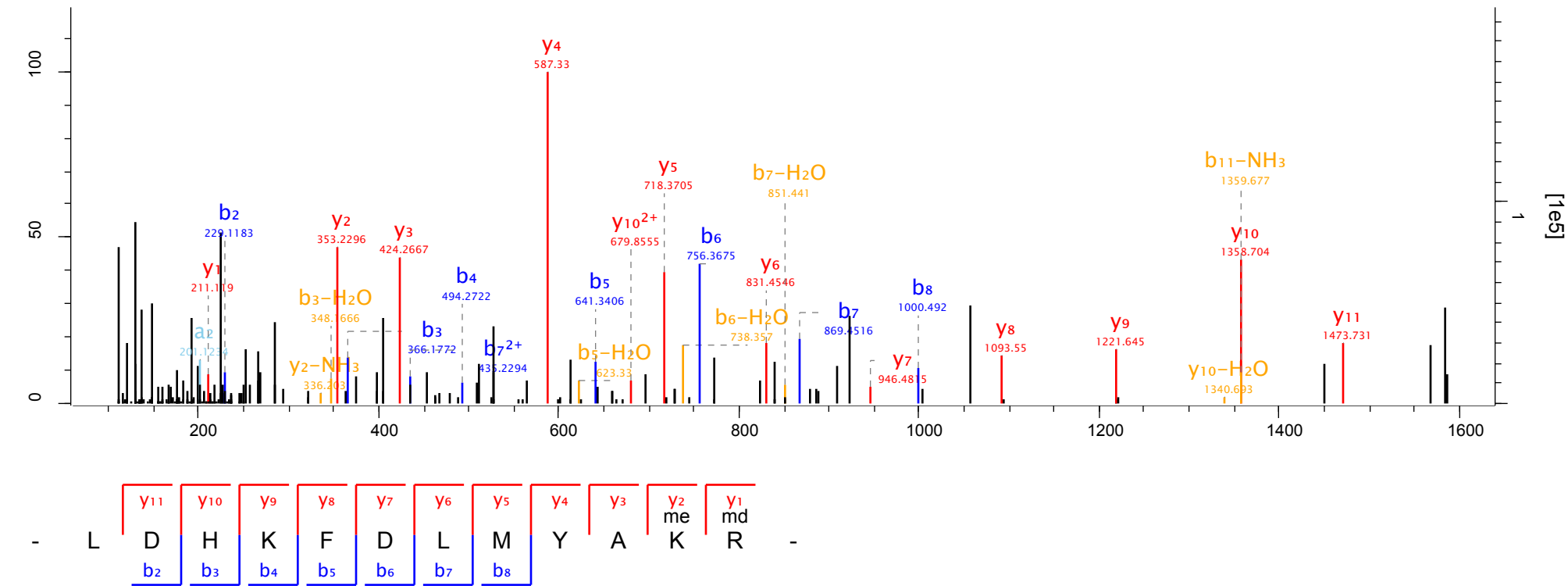
me H K F D L M Y A K -

b3 b4 b5 b6 b7 b8 b10

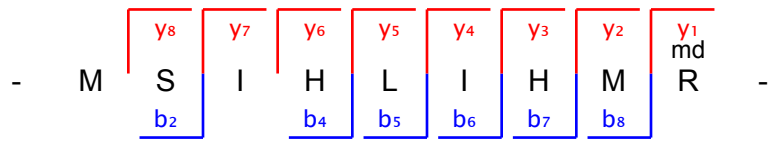
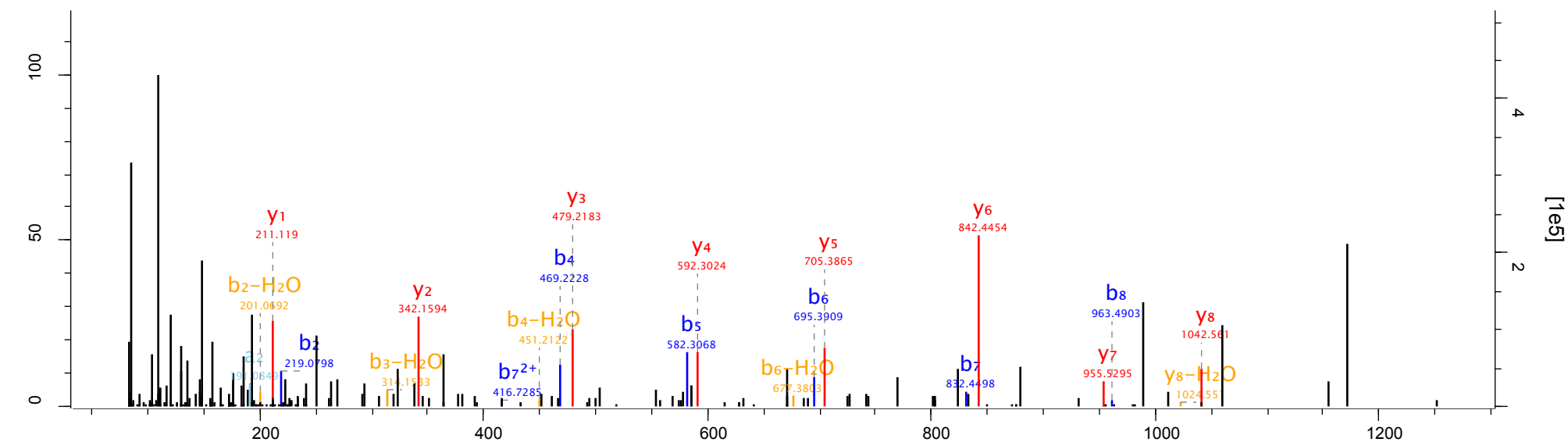
y9 y8 y7 y5 y4 y3 y2 y1

md R

TUBA1A;TUBA3C;TUBA8;TUBA1B;TUBA4A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_1	5728	FTMS; HCD	89.89	587.31	HIGD1A;HIGD1C



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_1

Scan

5814

Method

FTMS; HCD

Score

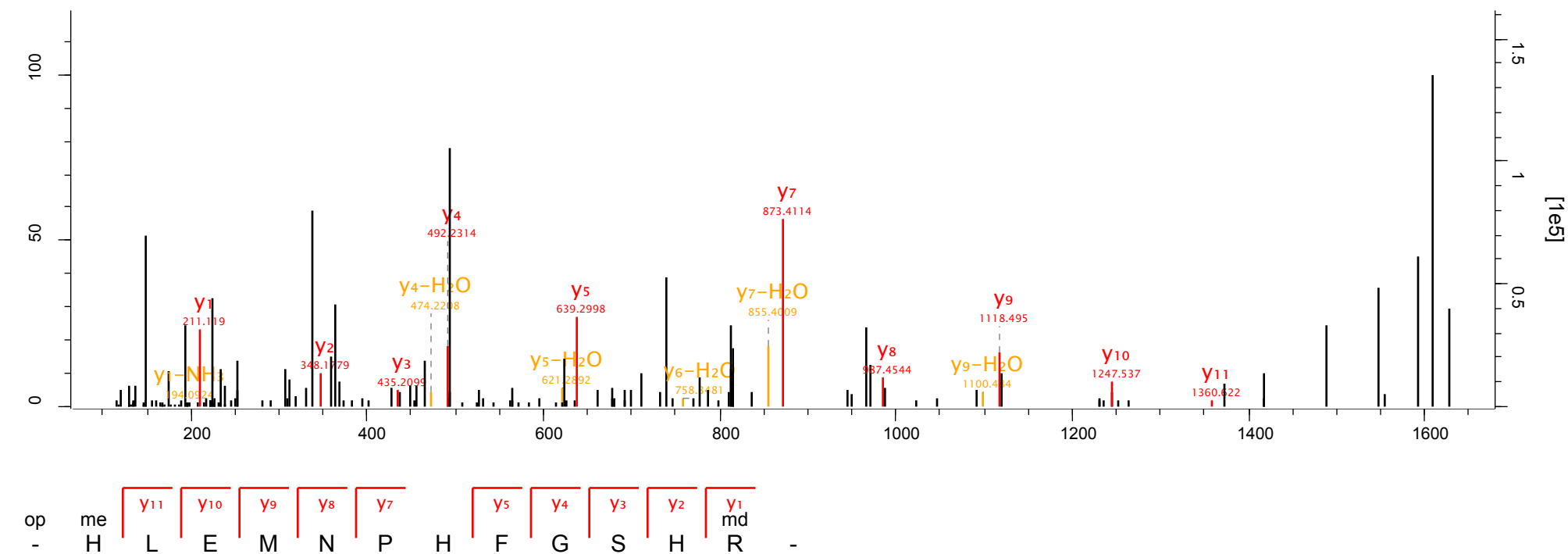
61.11

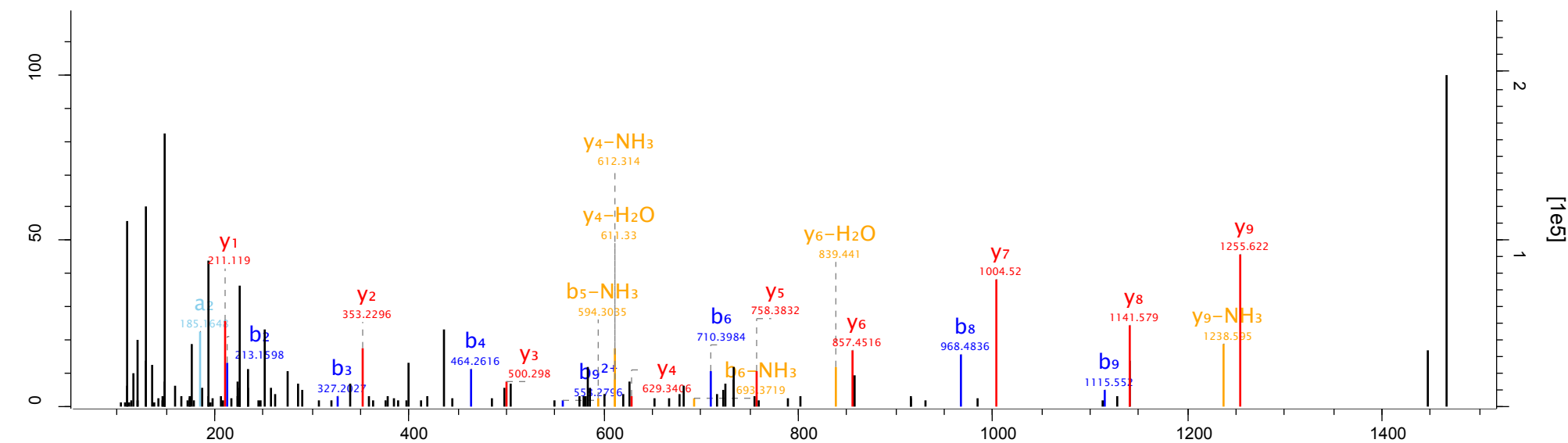
m/z

815.35

Gene names

DHX9





- L V N H F V E E F K R -

b₂ b₃ b₄ b₆ b₈ b₉ y₉ y₈ y₇ y₆ y₅ y₄ y₃ y₂ me y₁ md

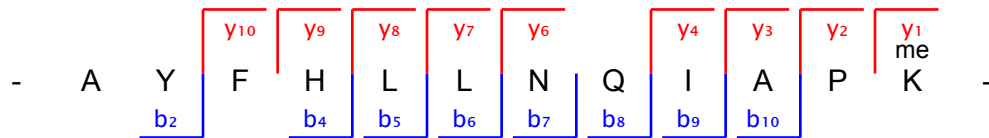
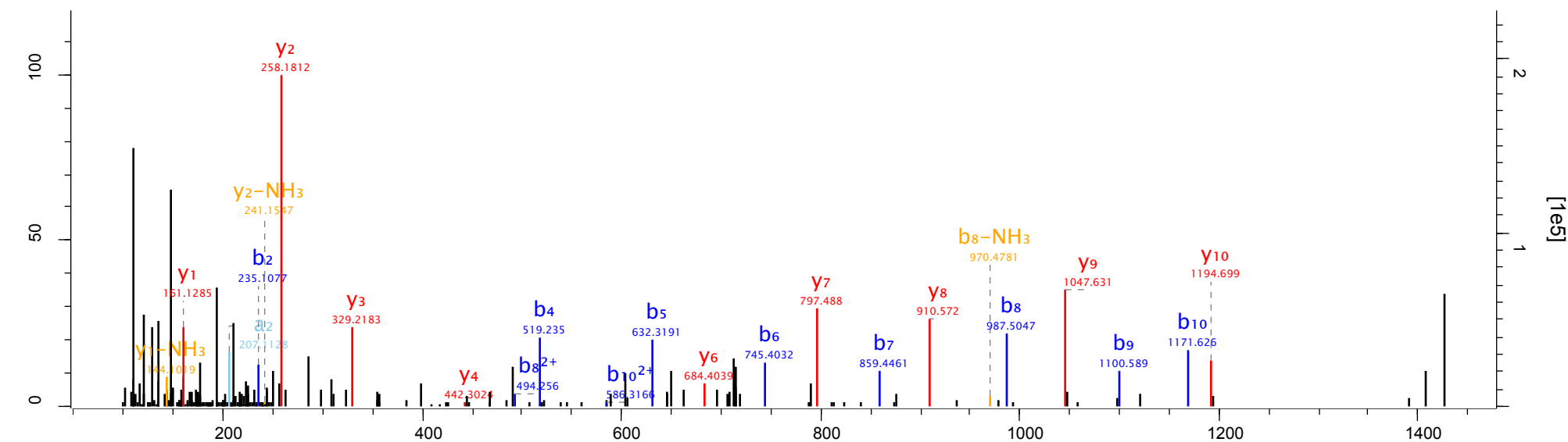
Zhibin_20150902_MDAOPA_SCX_1000mM_1

6679 FTMS; HCD

113.69

714.9

PLS3;PLS1



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_1

Scan

7192

Method

FTMS; HCD

Score

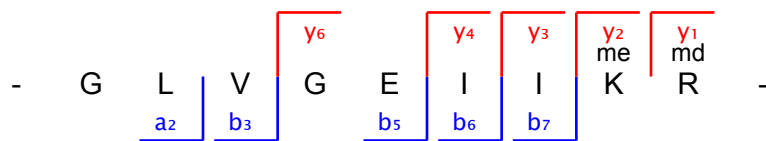
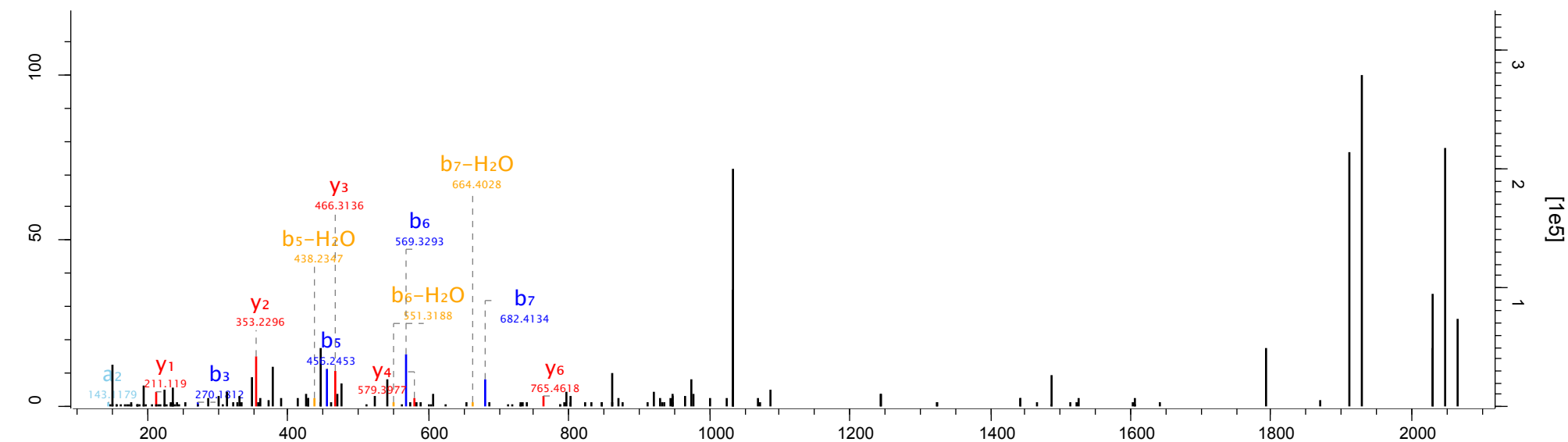
73.32

m/z

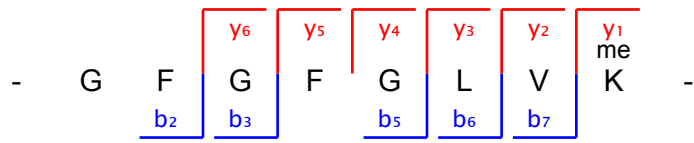
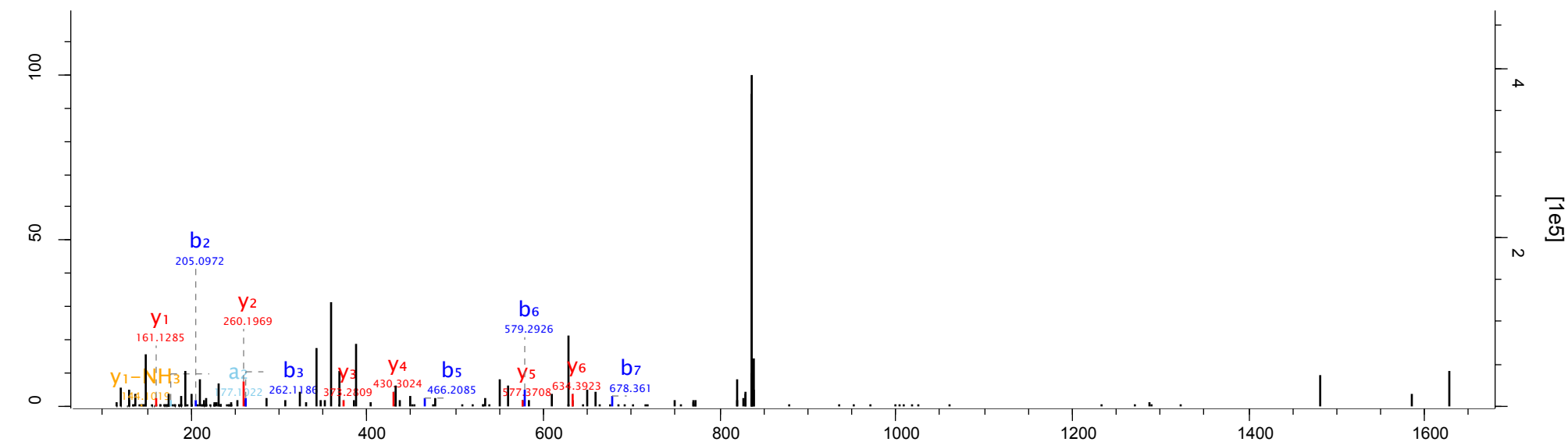
1035.02

Gene names

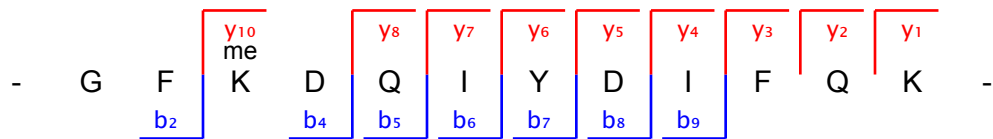
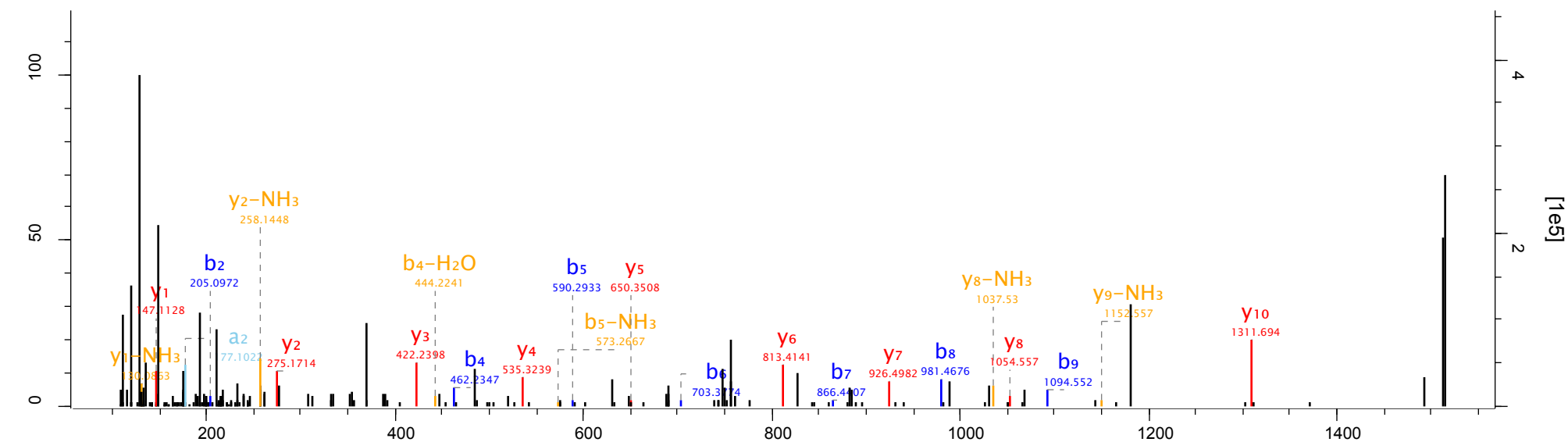
NME1 -NME2;NME2;NME1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_1	7194	FTMS; HCD	57.33	838.44	VDAC2



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_1	7471	FTMS; HCD	61.42	758.4	EIF4A1



Zhbin_20150902_MDAOPA_SCX_1000mM_1

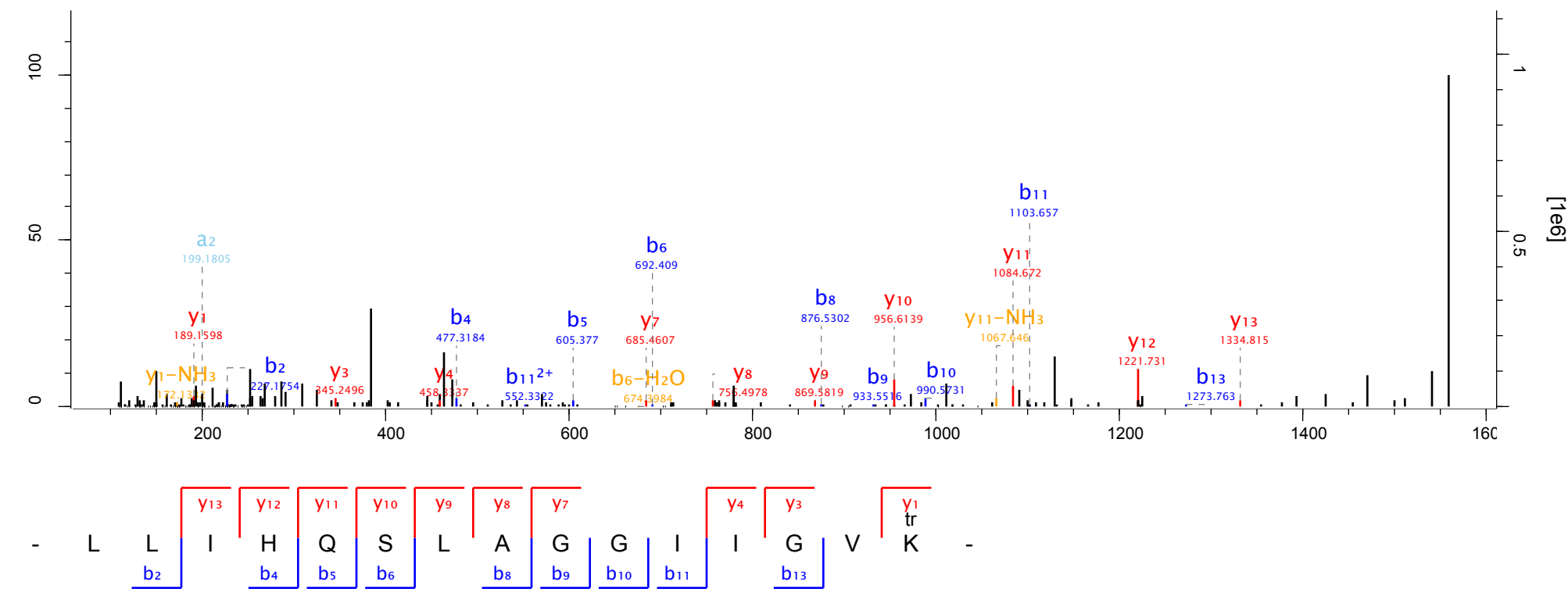
7646

FTMS; HCD

45.29

781.41

HNRNPK



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_1

Scan

7713

Method

FTMS; HCD

Score

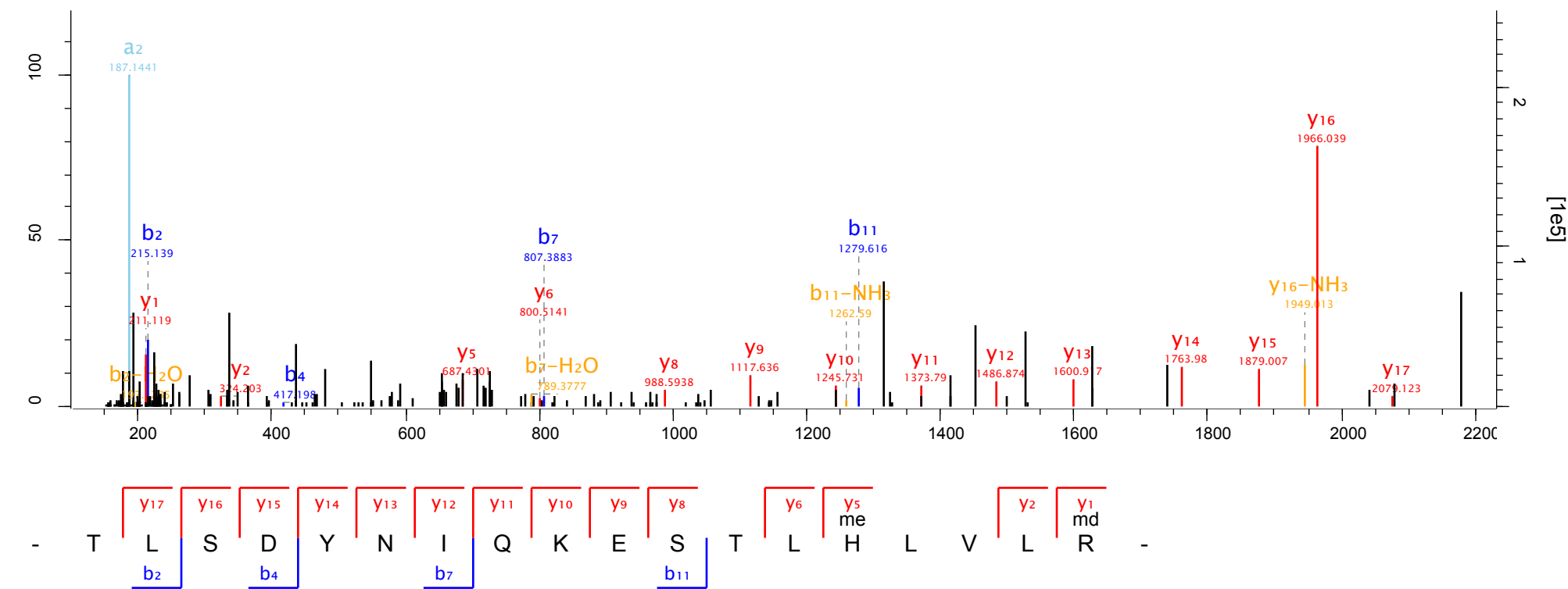
56.72

m/z

727.73

Gene names

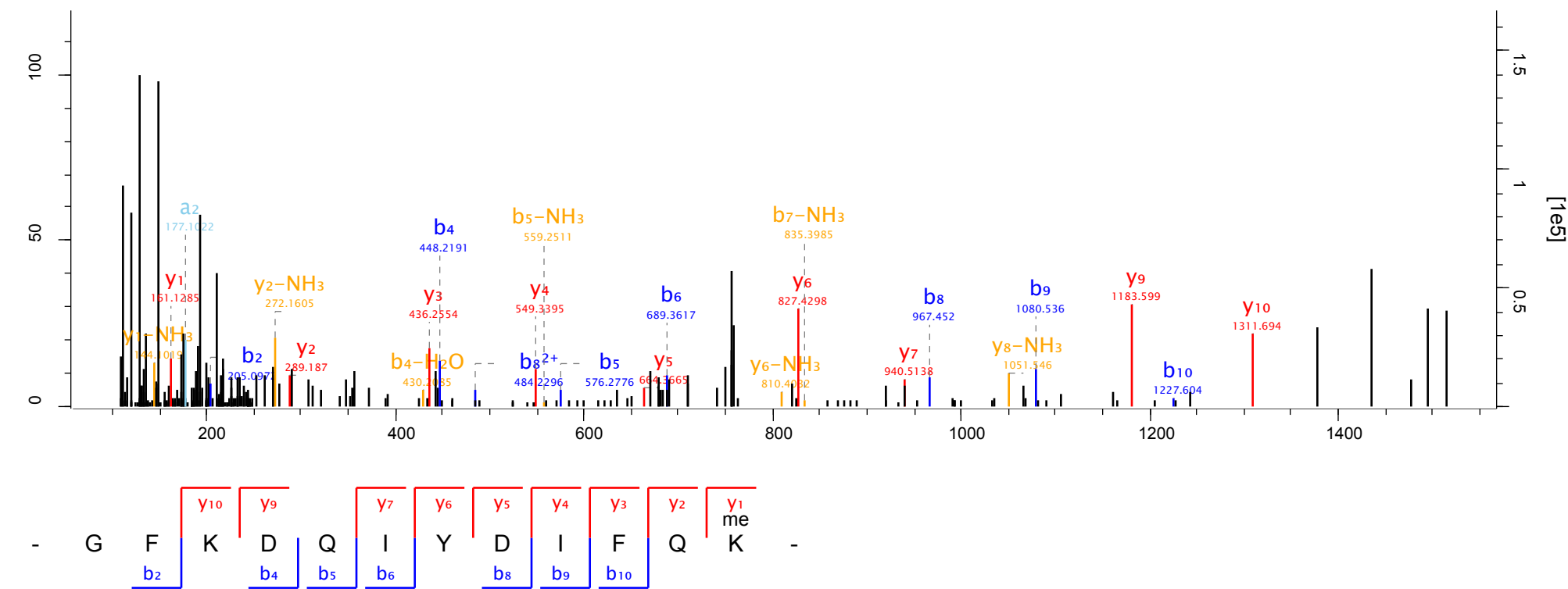
RPS27A;UBB;UBC;UBA52



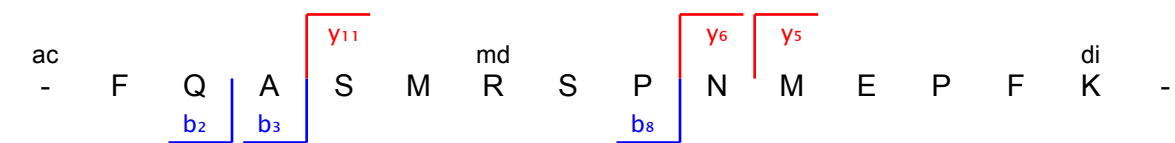
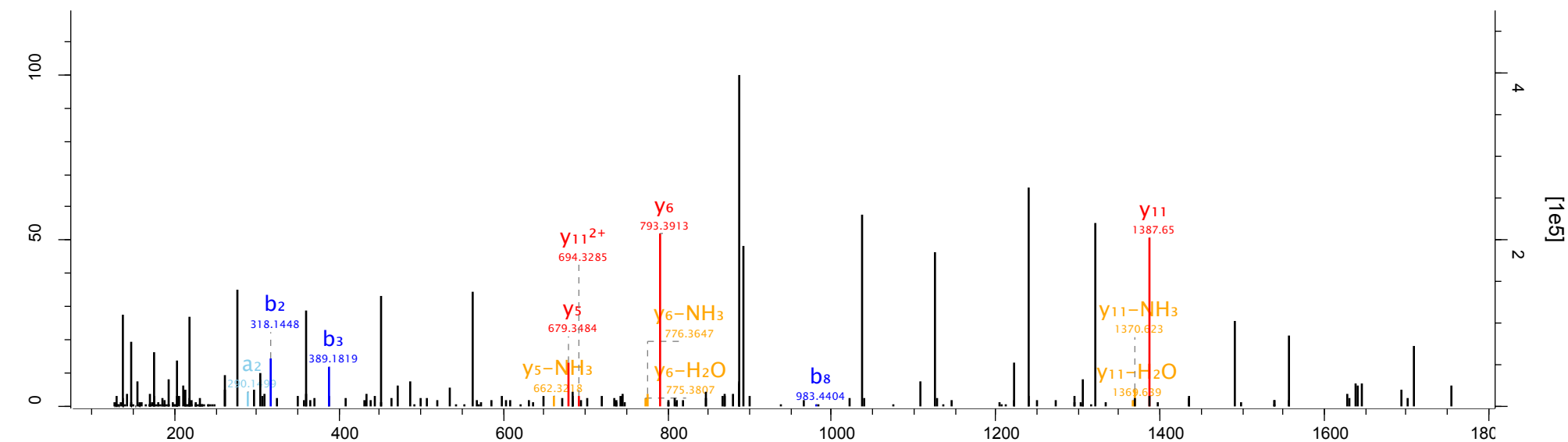
Raw file

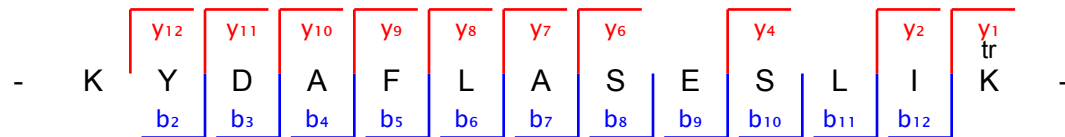
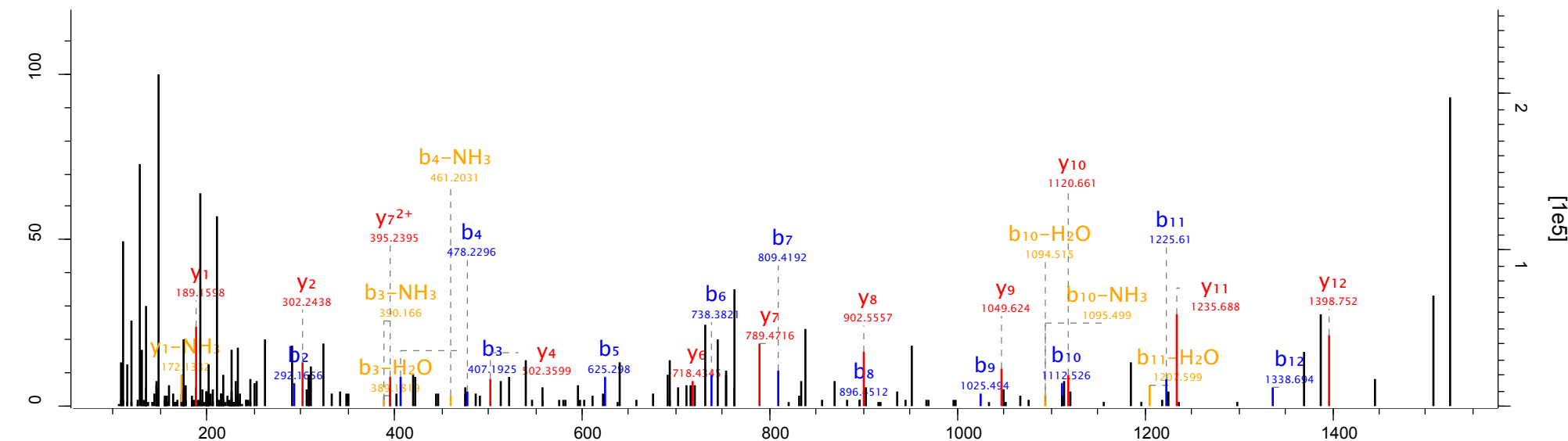
Zhibin_20150902_MDAOPA_SCX_1000mM_1

Scan	Method	Score	m/z	Gene names
7769	FTMS; HCD	61.42	758.4	EIF4A1

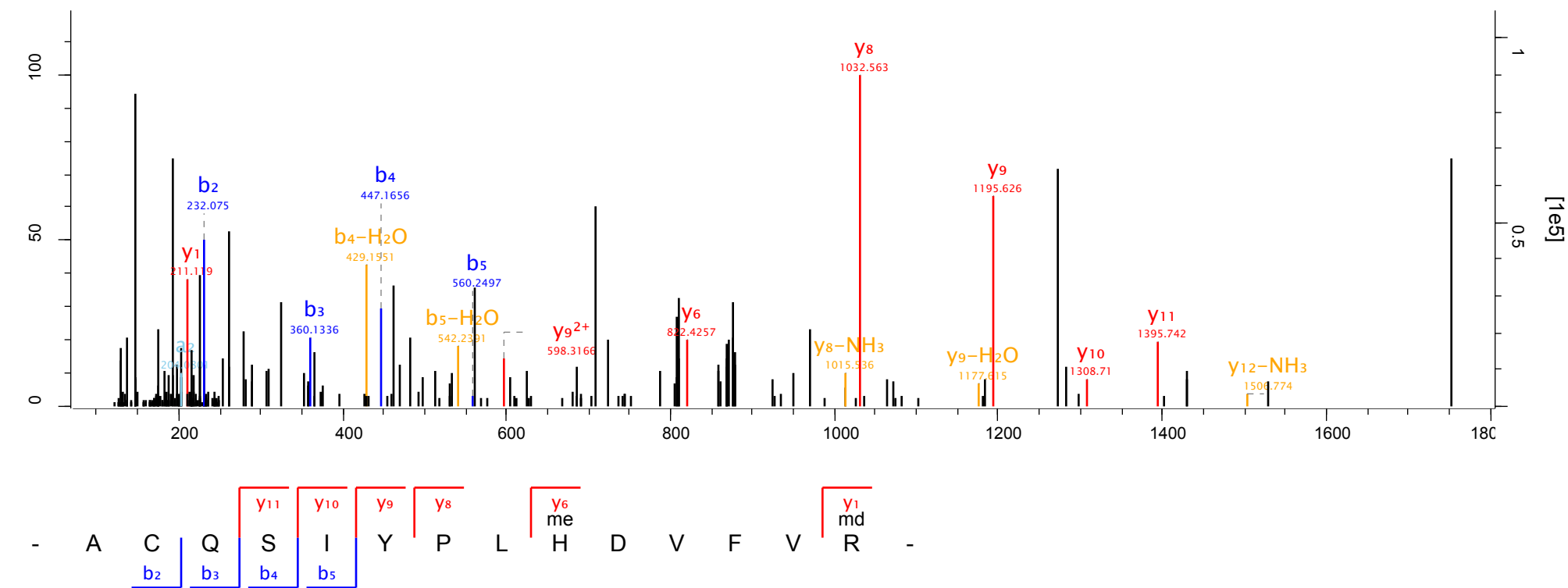


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_1	7917	FTMS; HCD	43.4	888.41	DAPK2

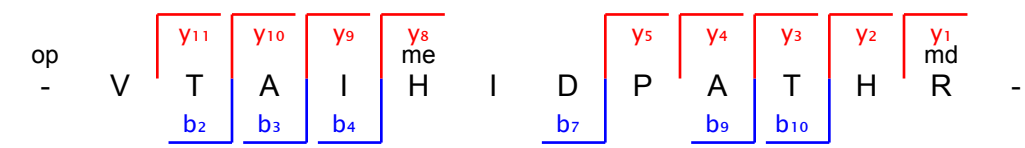
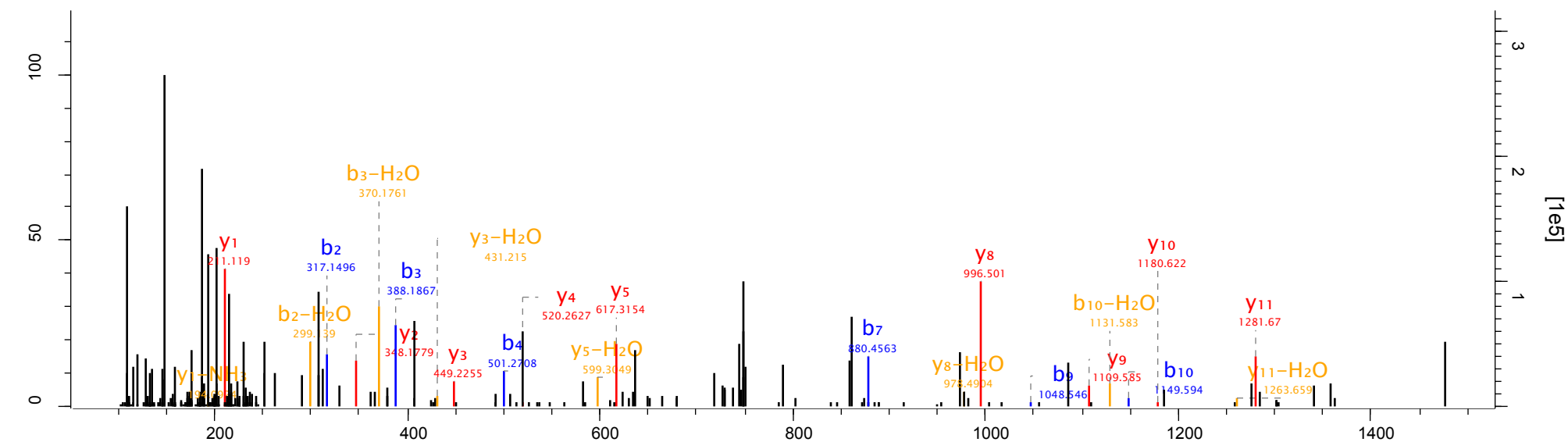




Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_1	8391	FTMS; HCD	64.1	878.44	RPS3A

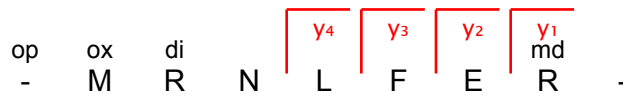


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_1	8490	FTMS; HCD	101.72	748.89	FASN

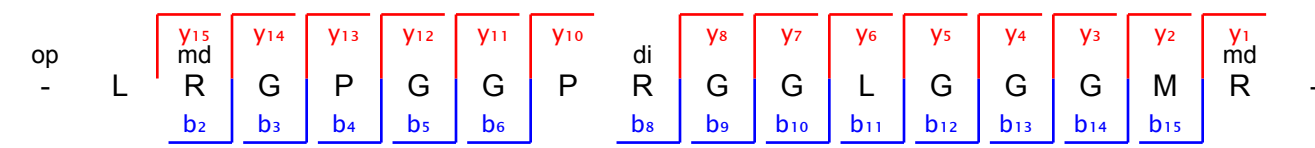
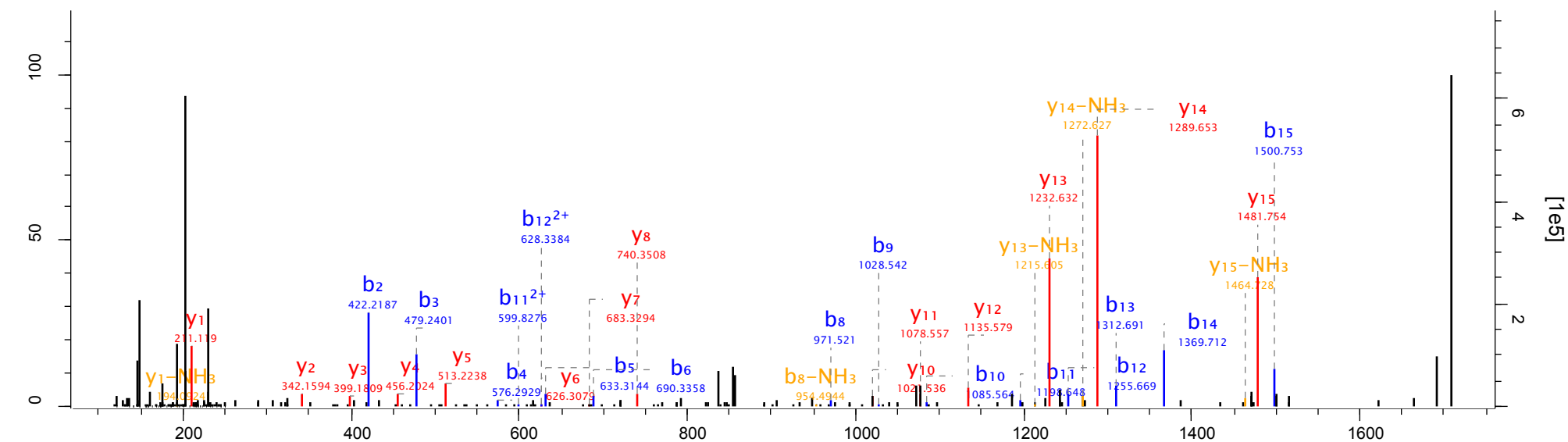


Gene names

LOXHD1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_1	8734	FTMS; HCD	127.18	856.44	G3BP1



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_1

Scan

9529

Method

FTMS; HCD

Score

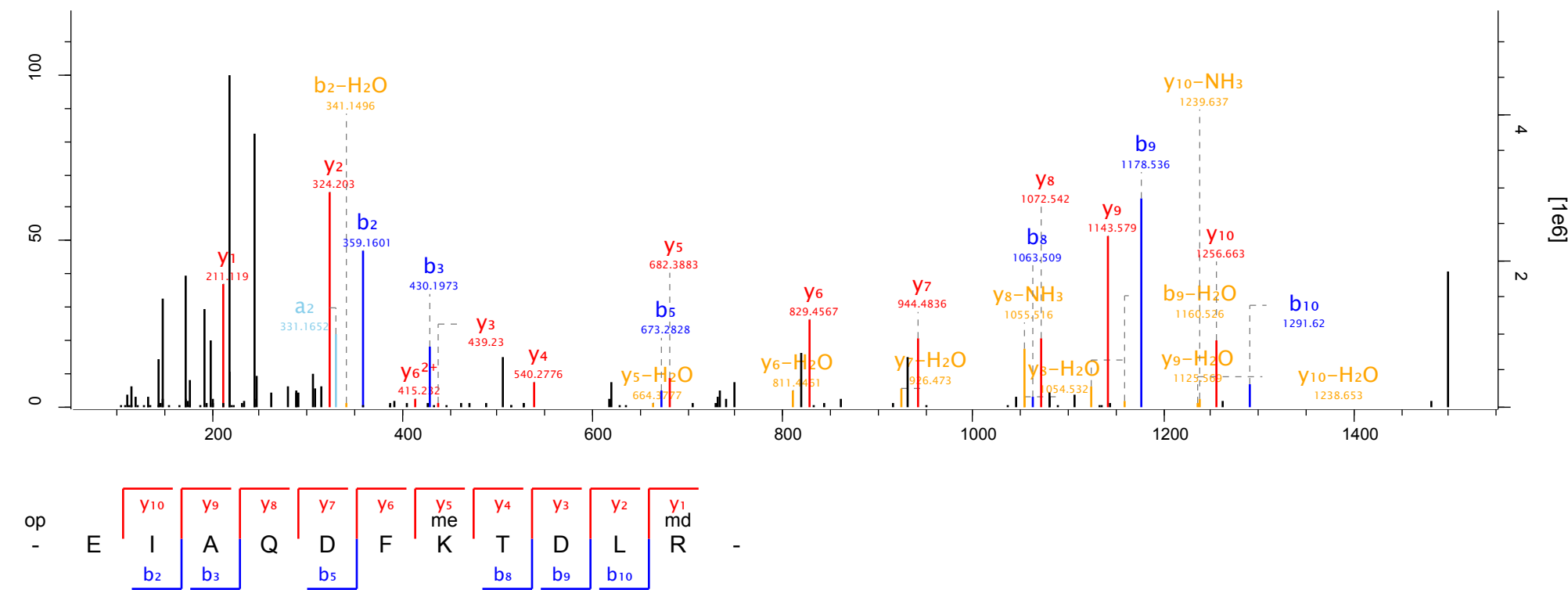
156.14

m/z

751.37

Gene names

HIST2H3A;HIST3H3;HIST1H3A;H3F3B;H3F3A



Zhibin_20150902_MDAOPA_SCX_1000mM_1

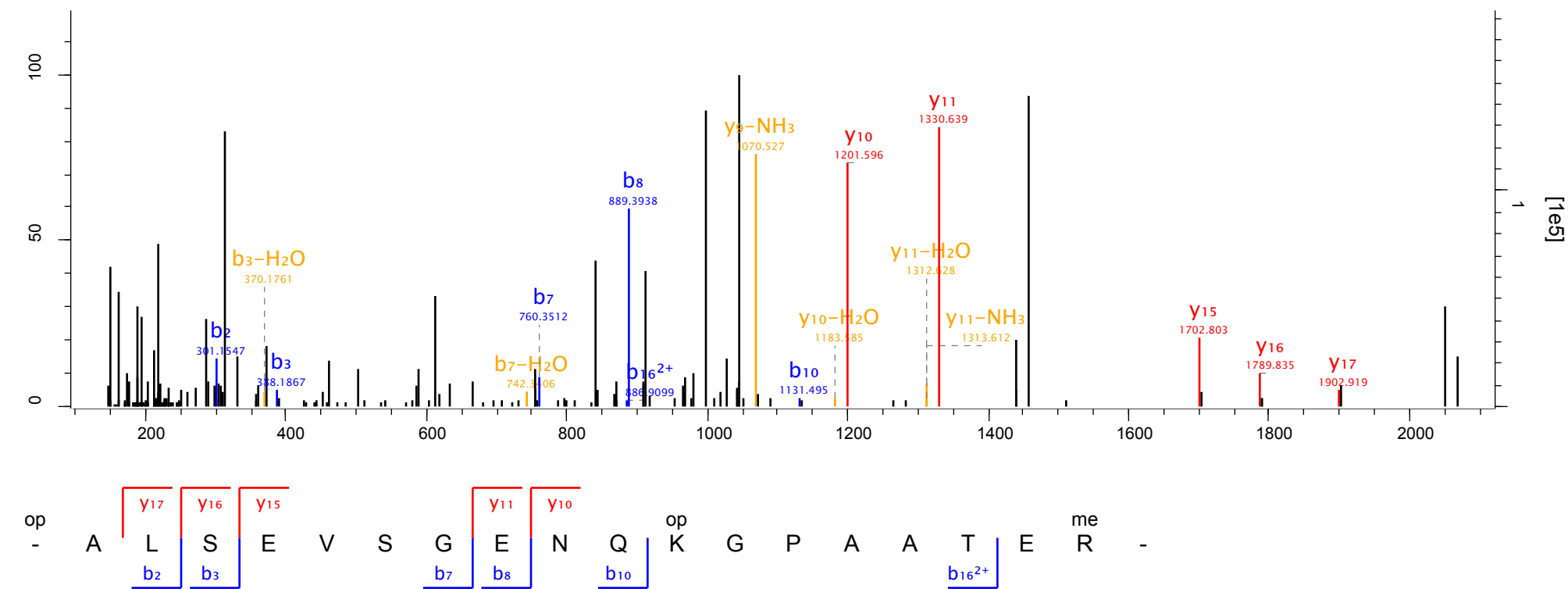
9588

FTMS; HCD

52.17

1046

LRRC8E



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_1

Scan

9860

Method

FTMS; HCD

Score

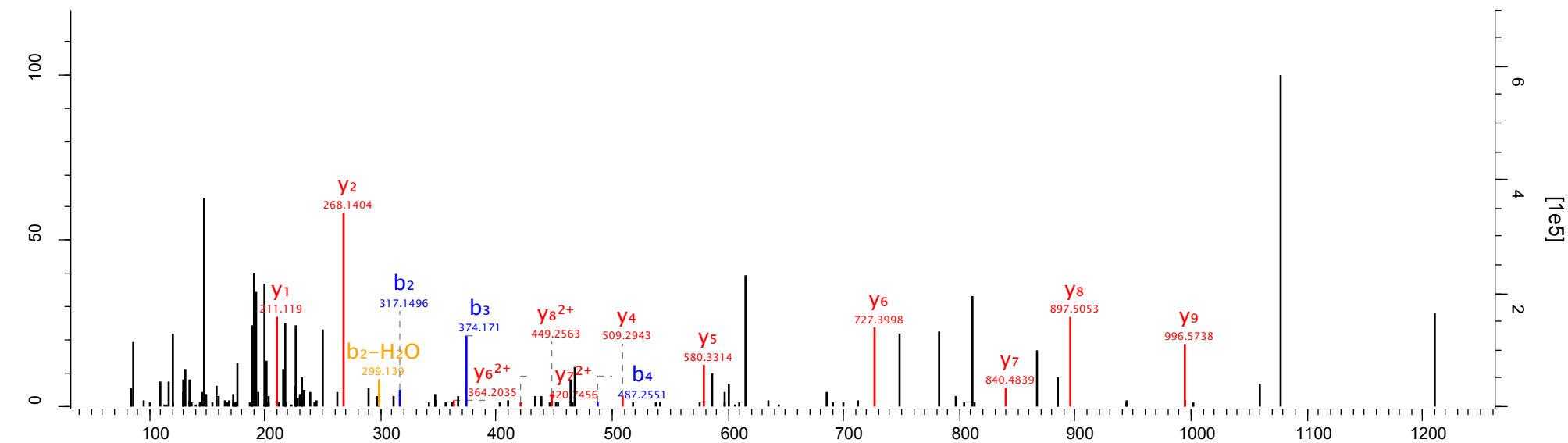
68.56

m/z

606.8

Gene names

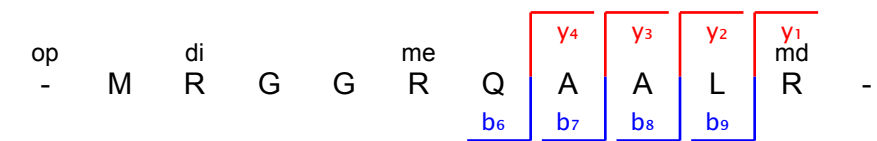
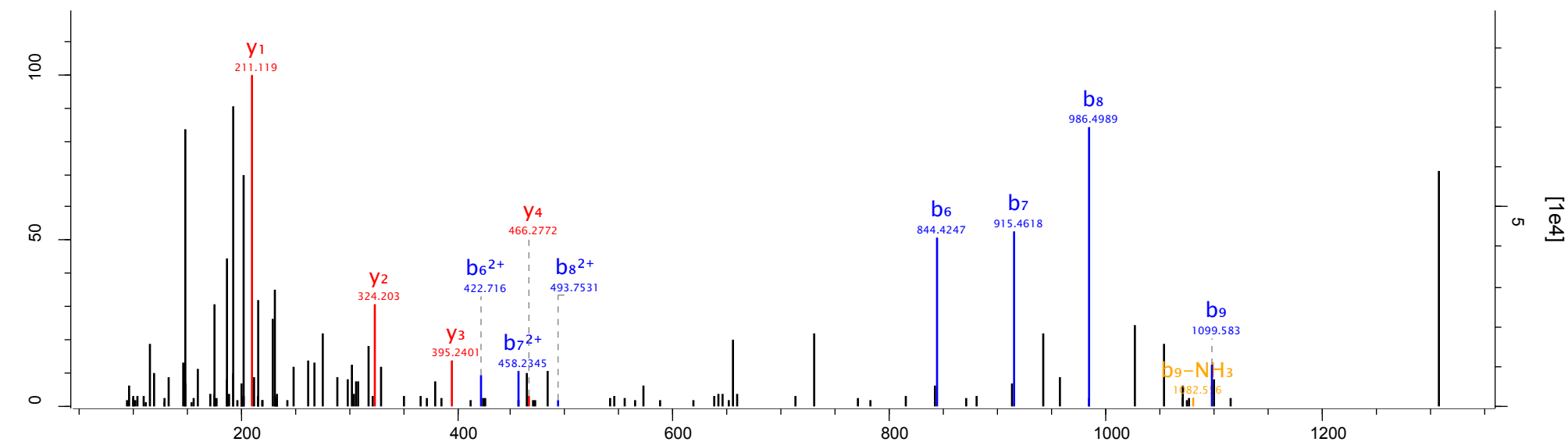
COIL



op
- T V G L F A G di G md -

b2 b3 b4

Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_1	13862	FTMS; HCD	53.75	655.85	CCDC96



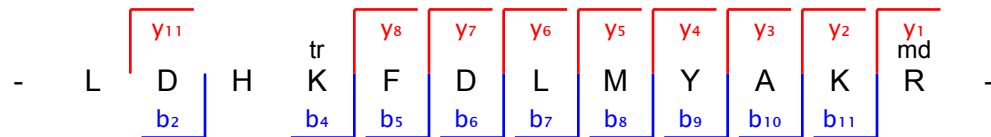
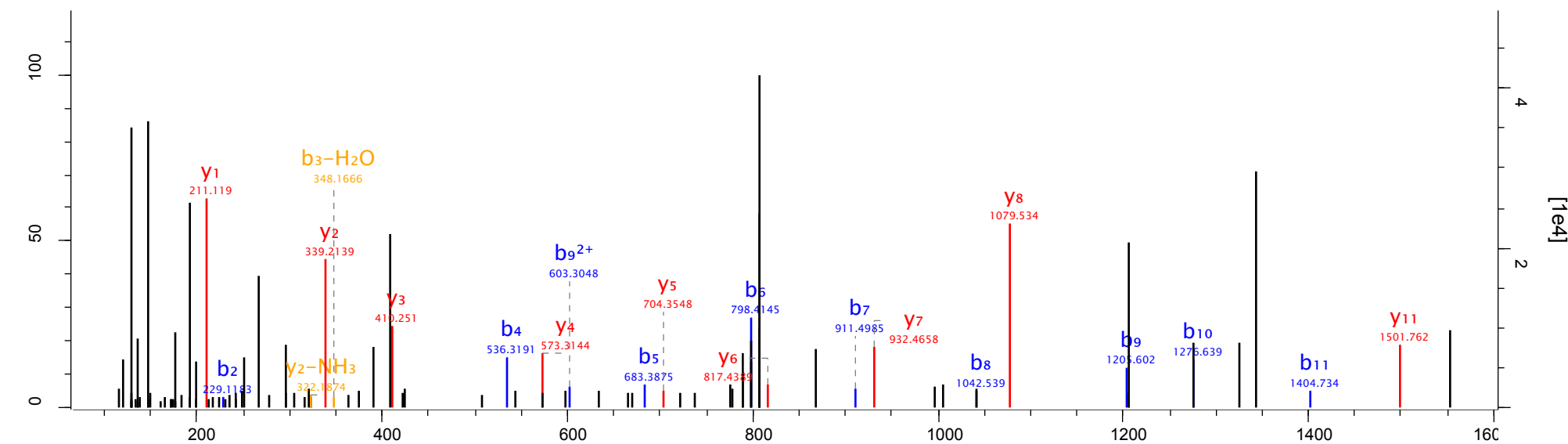
Zhibin_20150902_MDAOPA_SCX_1000mM_2

5523 FTMS; HCD

85.84

807.93

TUBA1A;TUBA3C;TUBA8;TUBA1B;TUBA4A



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_2

Scan

5569

Method

FTMS; HCD

Score

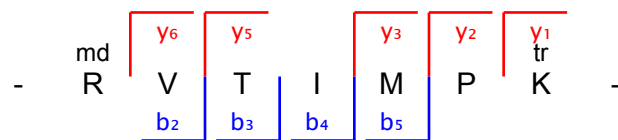
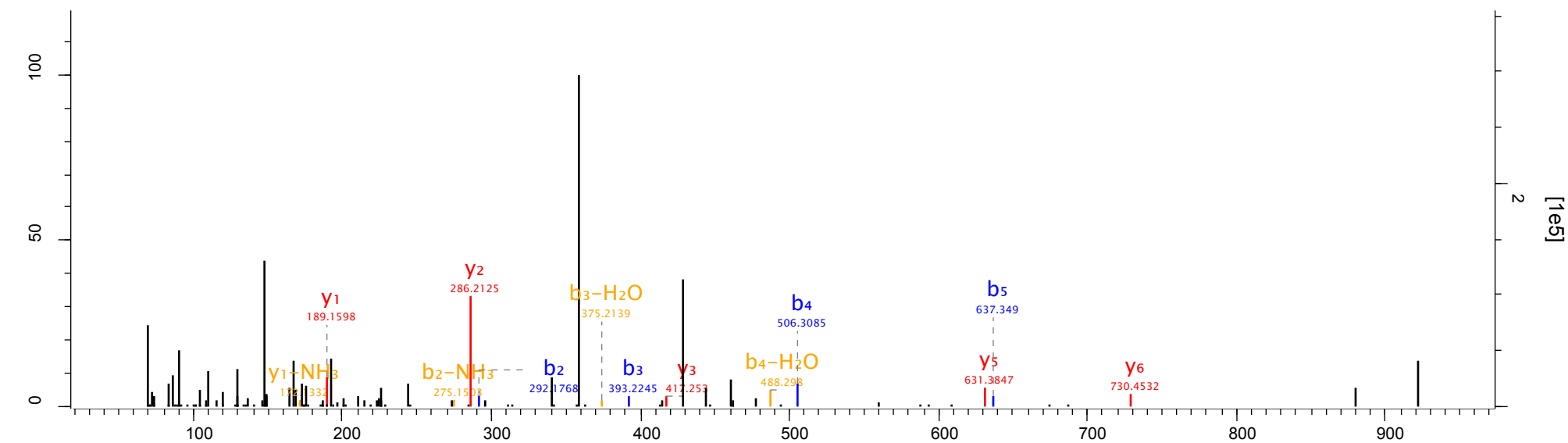
68.38

m/z

461.78

Gene names

HIST2H3PS2; HIST2H3A; HIST3H3; HIST1H3A; H3F3B; H3F3A; H3F3C



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_1000mM_2

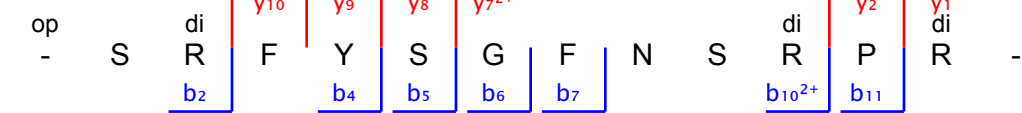
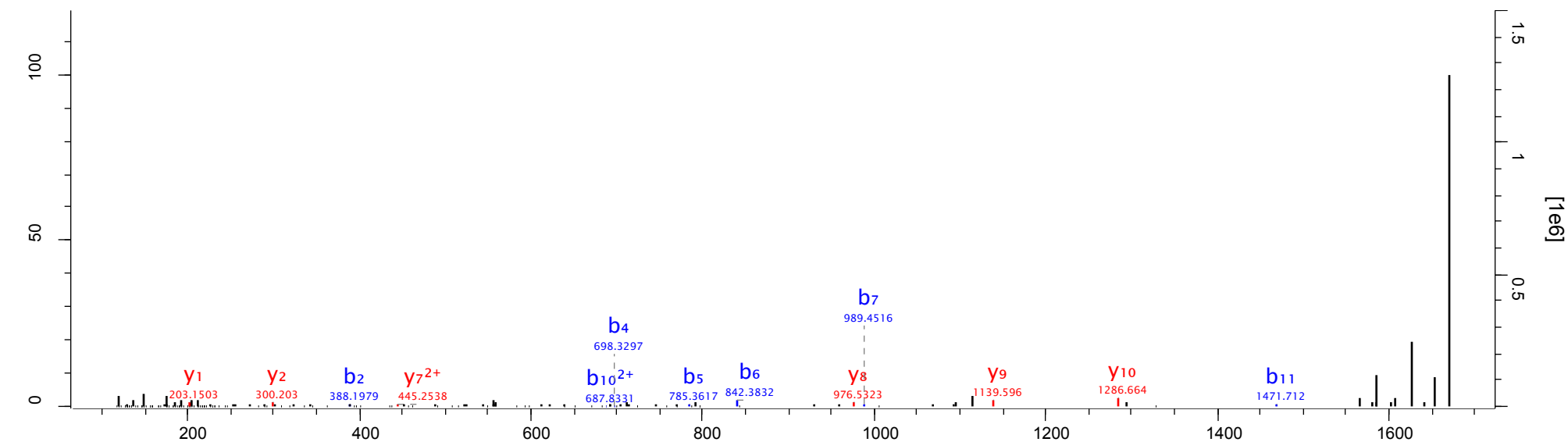
5924

FTMS; HCD

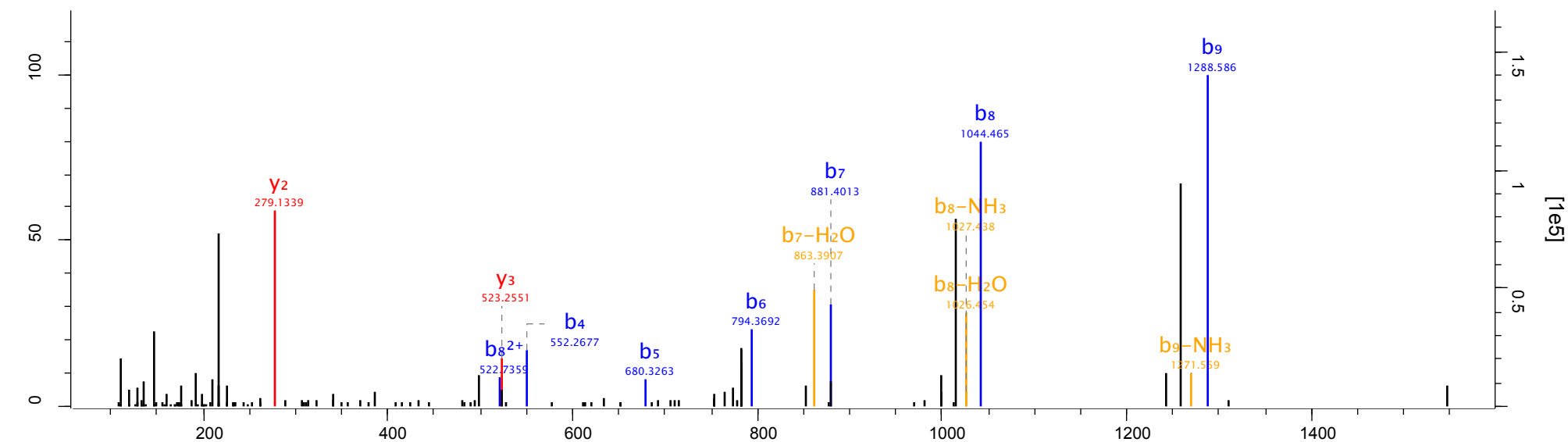
43.03

558.62

PABPN1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_2	6208	FTMS; HCD	74.84	783.86	HNRNPD



op	me			me									
-	R	G	G	H	Q	N	S	Y	K	P	Y	-	
				b₄	b₅	b₆	b₇	b₈	b₉				

Sequence diagram showing peptide fragmentation sites (b₄ to b₉) and modification sites (y₂, y₃) corresponding to the mass spectrum peaks.

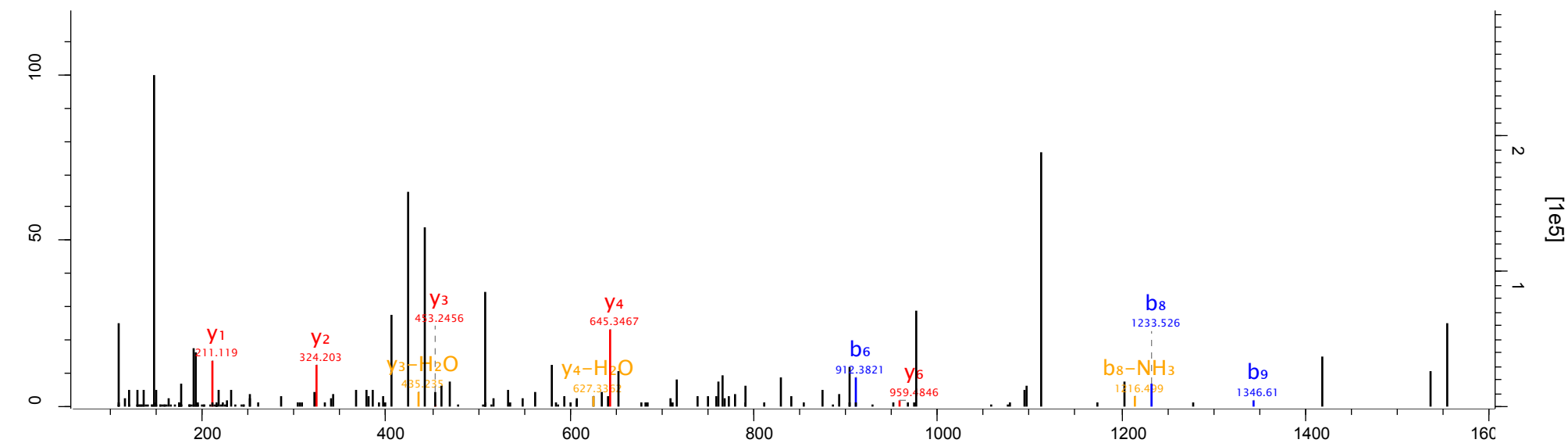
Zhibin_20150902_MDAOPA_SCX_1000mM_2

6540

FTMS; HCD

42.21

778.87



[1e5]

160

op

H

C

L

A

y6
me
H

Y

y4
md
Ry3
Ey2
Ly1
md
R

-

b6

b8

b9

Zhibin_20150902_MDAOPA_SCX_1000mM_2

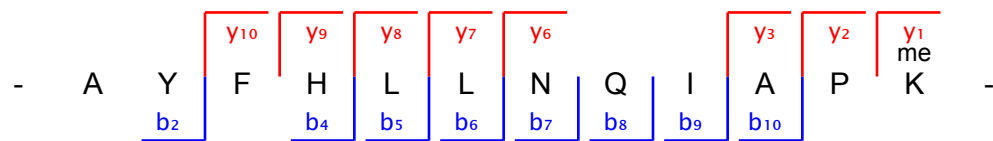
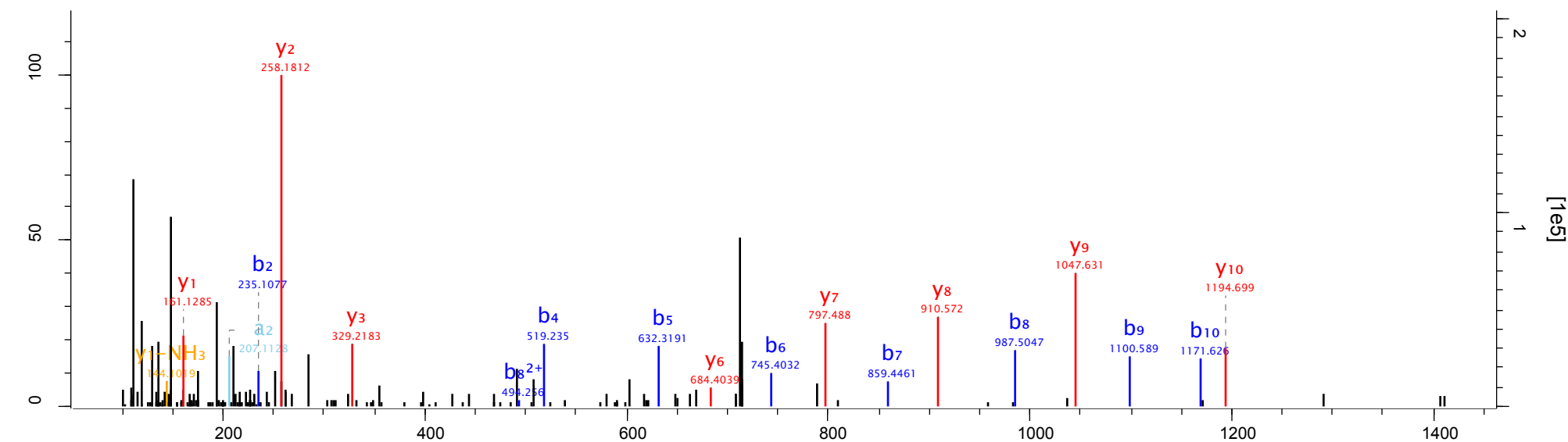
6555

FTMS; HCD

104.82

715.41

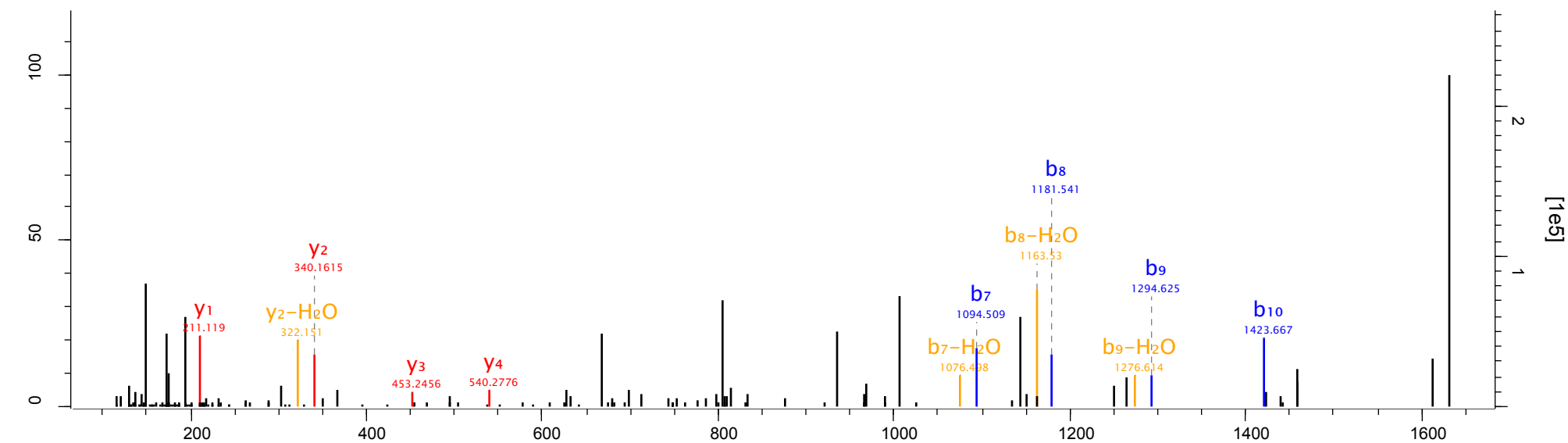
PLS3;PLS1



Raw file

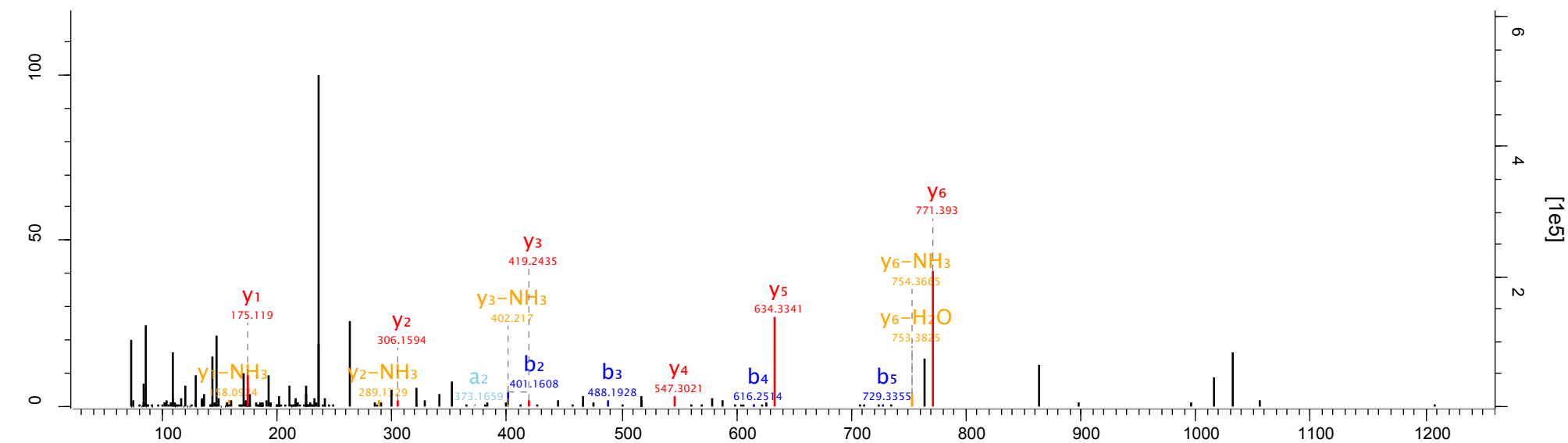
Zhibin_20150902_MDAOPA_SCX_1000mM_2

Scan	Method	Score	m/z	Gene names
6807	FTMS; HCD	68.54	817.4	PEAK1



op
- I N D C Y me K me R S L E R -

b7 b8 b9 b10 y4 y3 y2 y1 md



[1e5]

6

4

2

op
- F y6
H
b2 y5
S
b3 y4
Q
b4 y3
L
b5 y2
M y1
R -

Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_2

Scan 7052

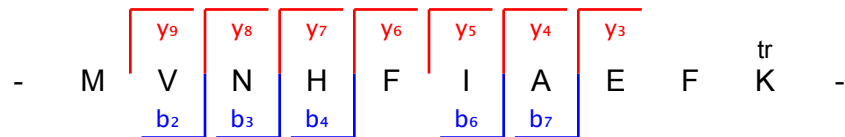
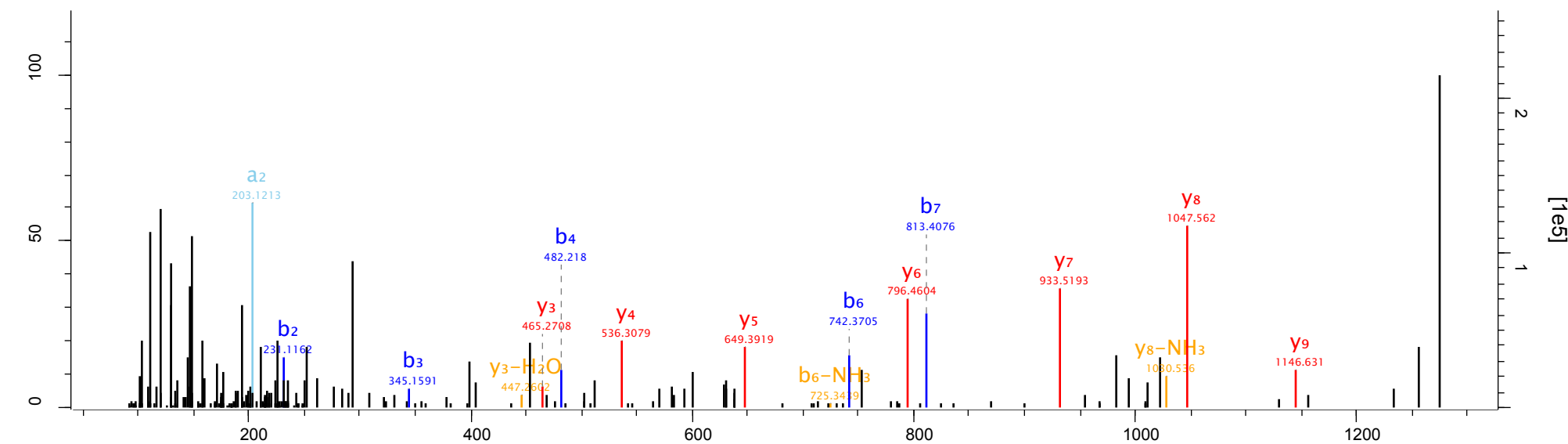
Method FTMS; HCD

Score 69.72

m/z 639.34

Gene names

HSPA8



Raw file

Zhbin_20150902_MDAOPA_SCX_1000mM_2

Scan

7404

Method

FTMS; HCD

Score

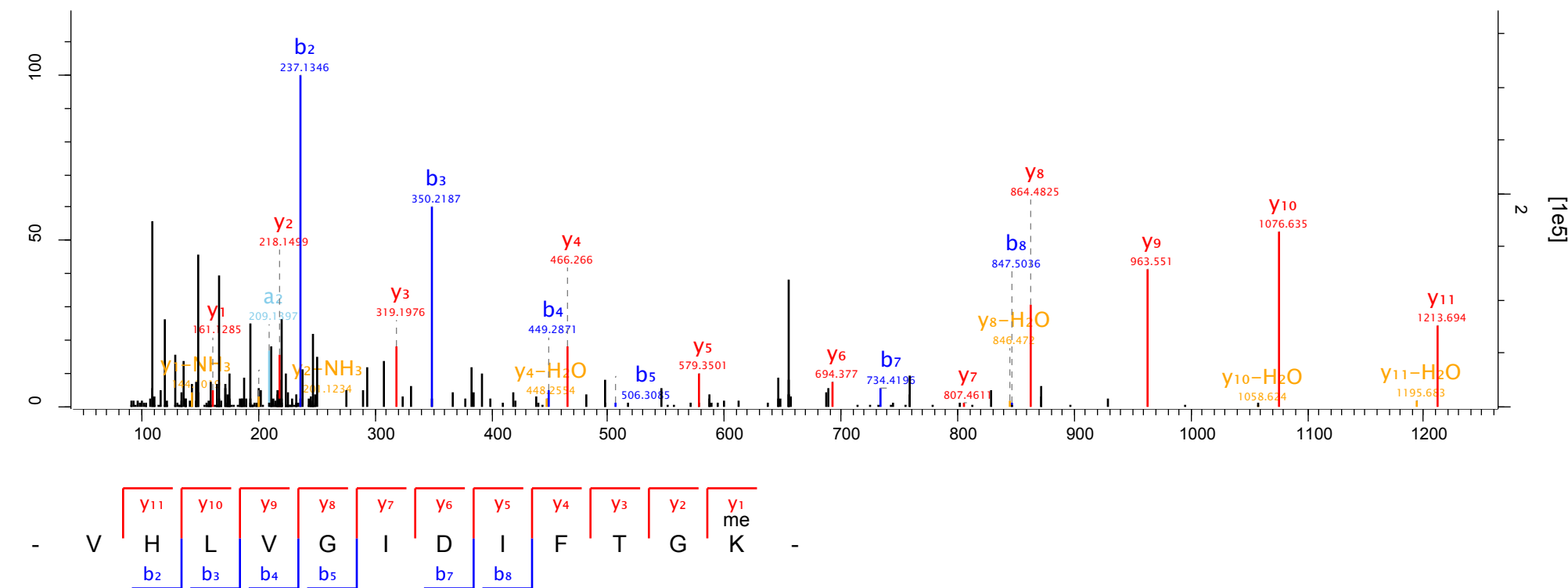
92.78

m/z

656.89

Gene names

EIF5A;EIF5AL1;EIF5A2



Raw file

Scan

Method

Score

m/z

Gene names

Zhibin_20150902_MDAOPA_SCX_1000mM_2

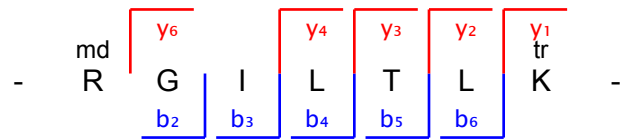
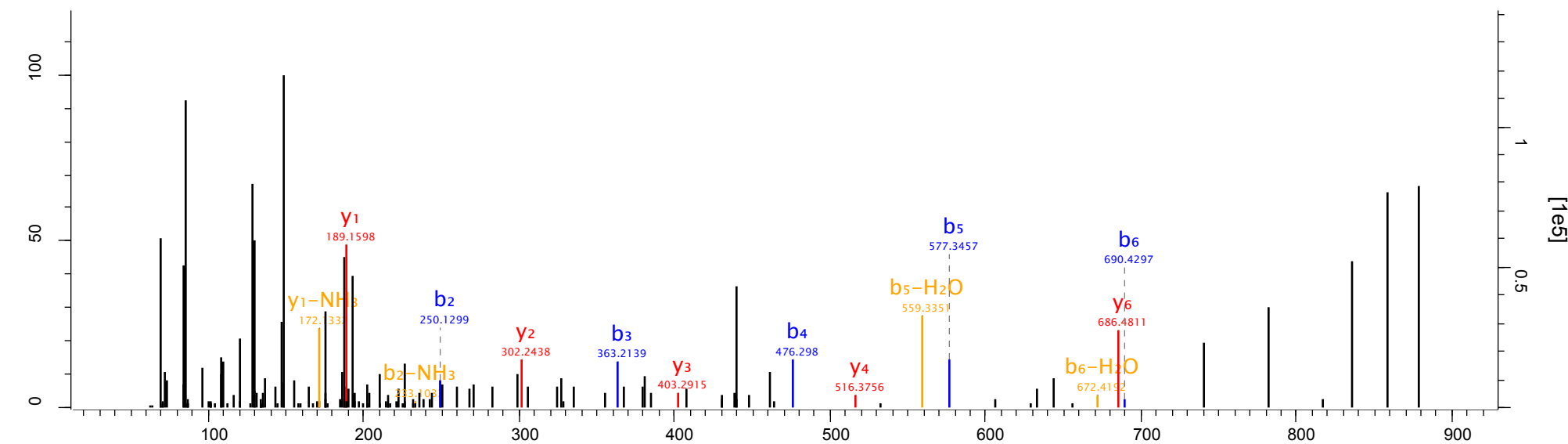
7467

FTMS; HCD

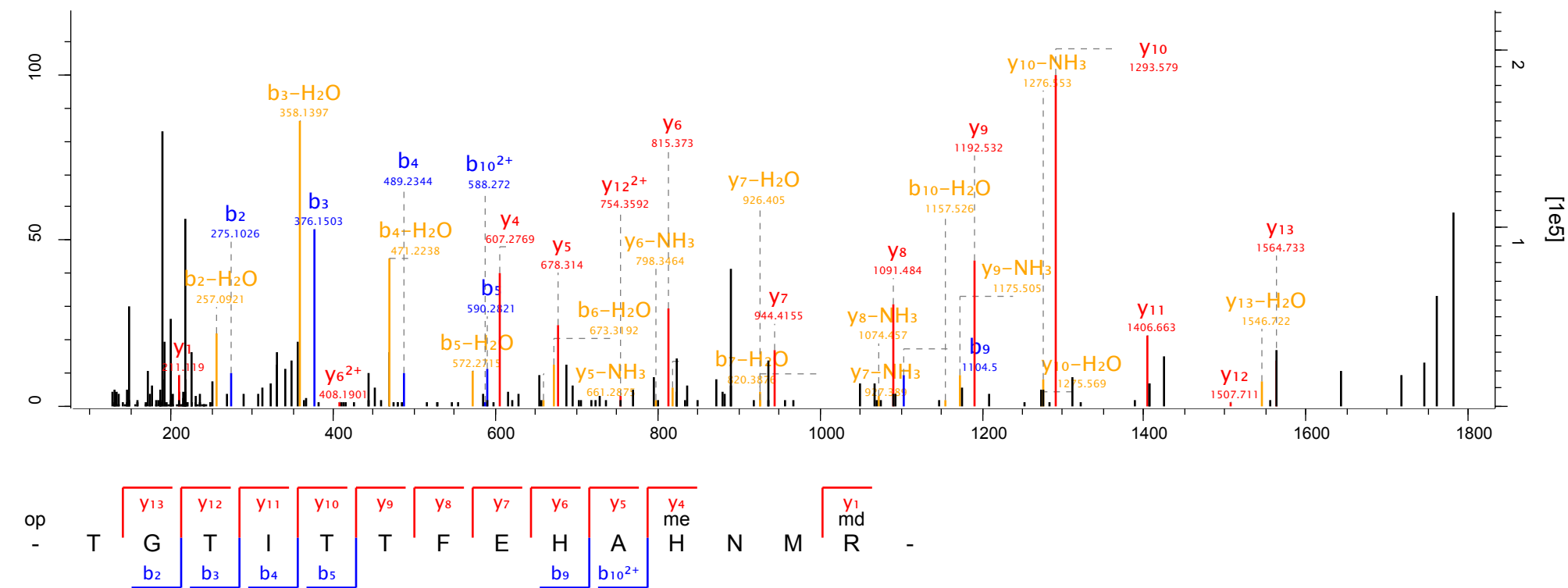
58.43

439.8

ACTB;ACTA1;ACTC1;ACTG2;ACTA2;POTEF;ACTG1;POTEI;POTEJ;POTEE



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_2	7654	FTMS; HCD	153.81	891.92	EEF2



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_2

Scan

8066

Method

FTMS; HCD

Score

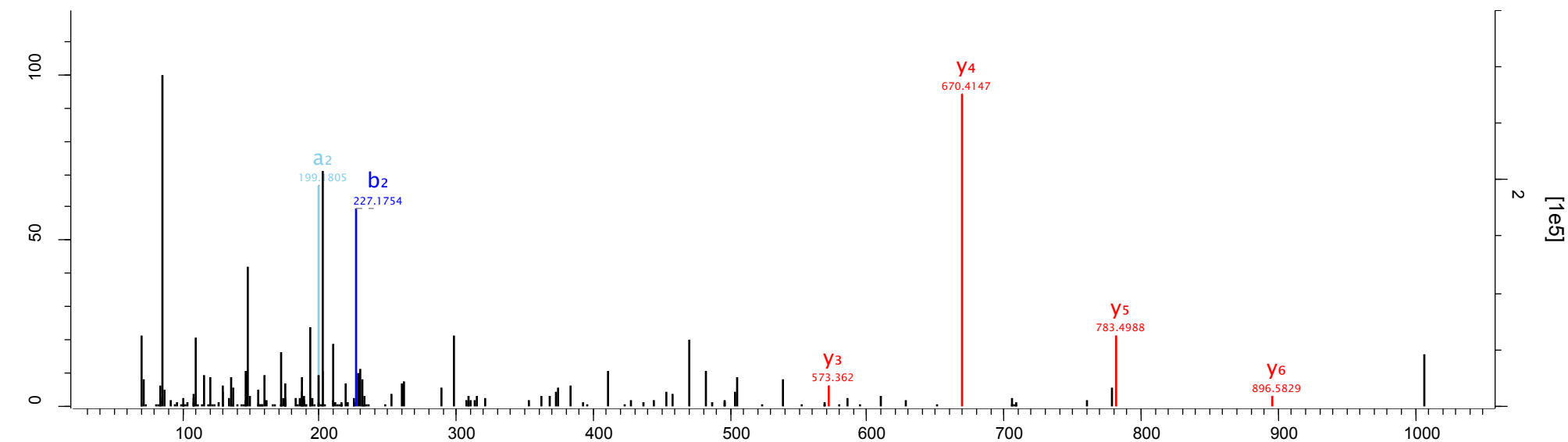
43

m/z

505.34

Gene names

LINC00479



- L L L I P R W di R -

Red brackets above the sequence indicate peptide fragments: y6 (L L), y5 (L I), y4 (I P), and y3 (P R). A blue bracket below the sequence indicates a b-ion fragment: b2 (L L).

Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_2

Scan 8081

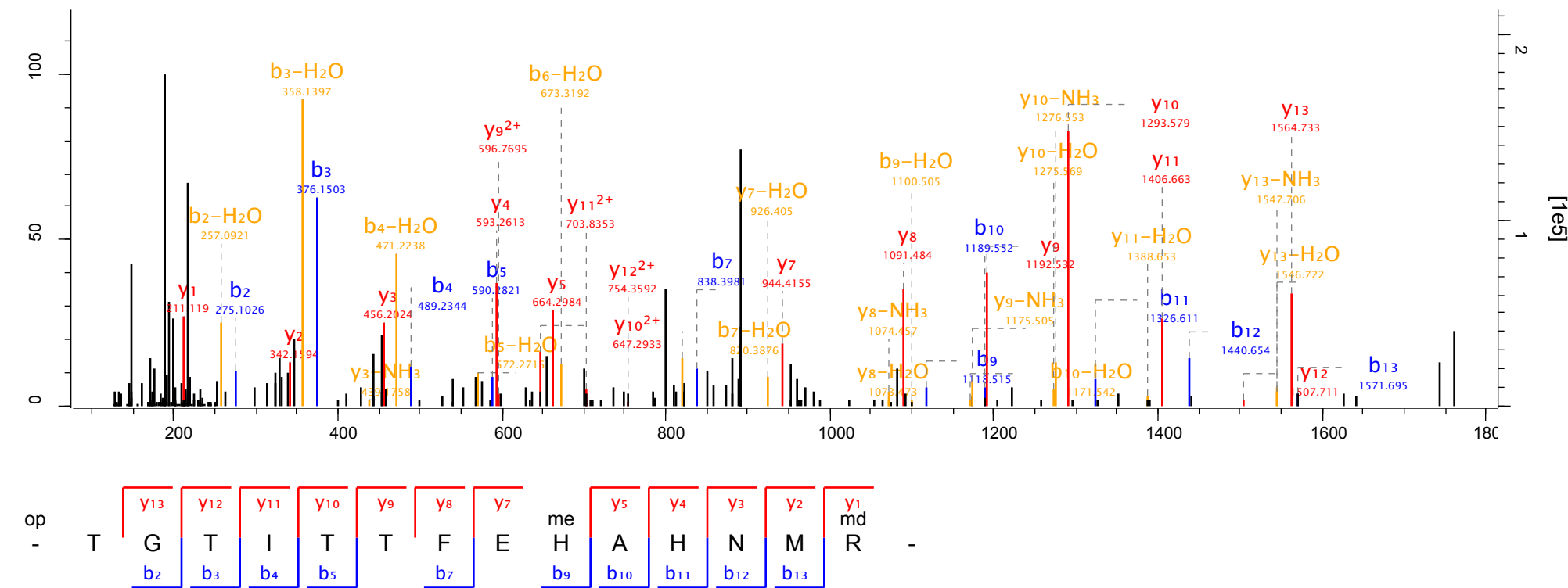
Method FTMS; HCD

Score 234.47

m/z 891.91

Gene names

EEF2



Zhibin_20150902_MDAOPA_SCX_1000mM_2

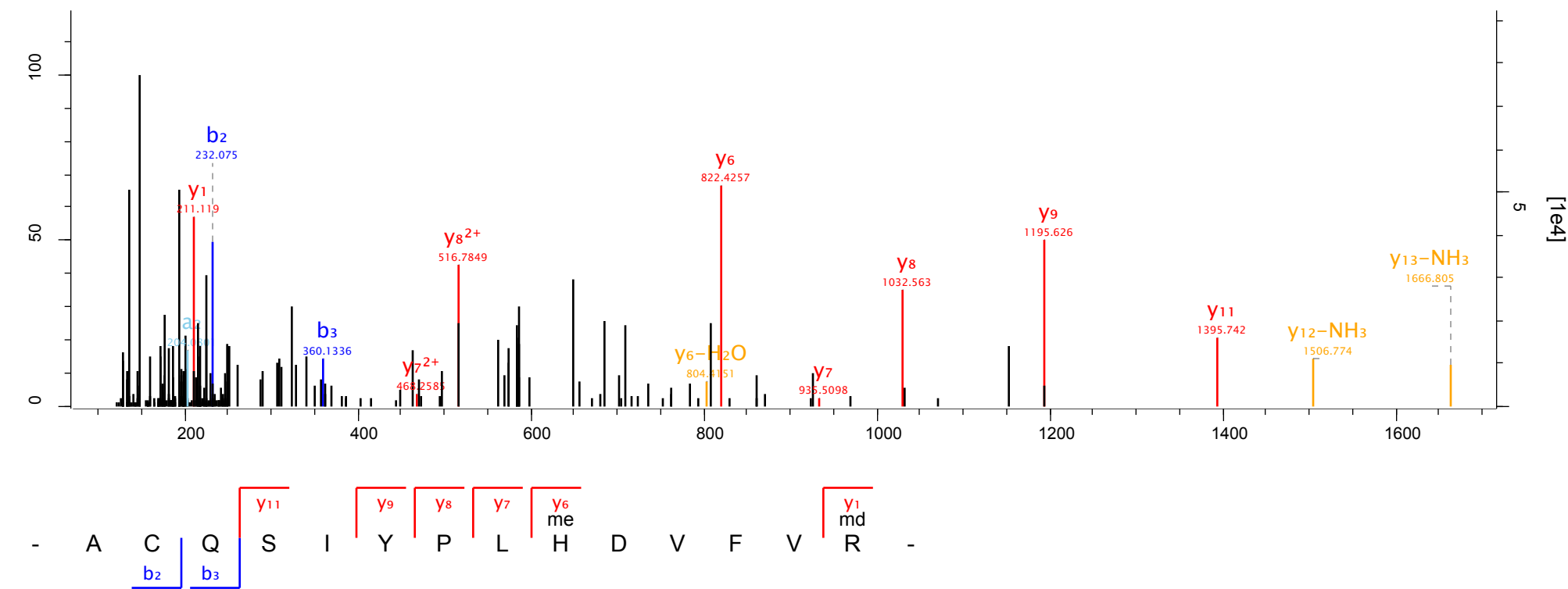
8122

FTMS; HCD

43.03

585.63

RPS3A



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_2

Scan

8209

Method

FTMS; HCD

Score

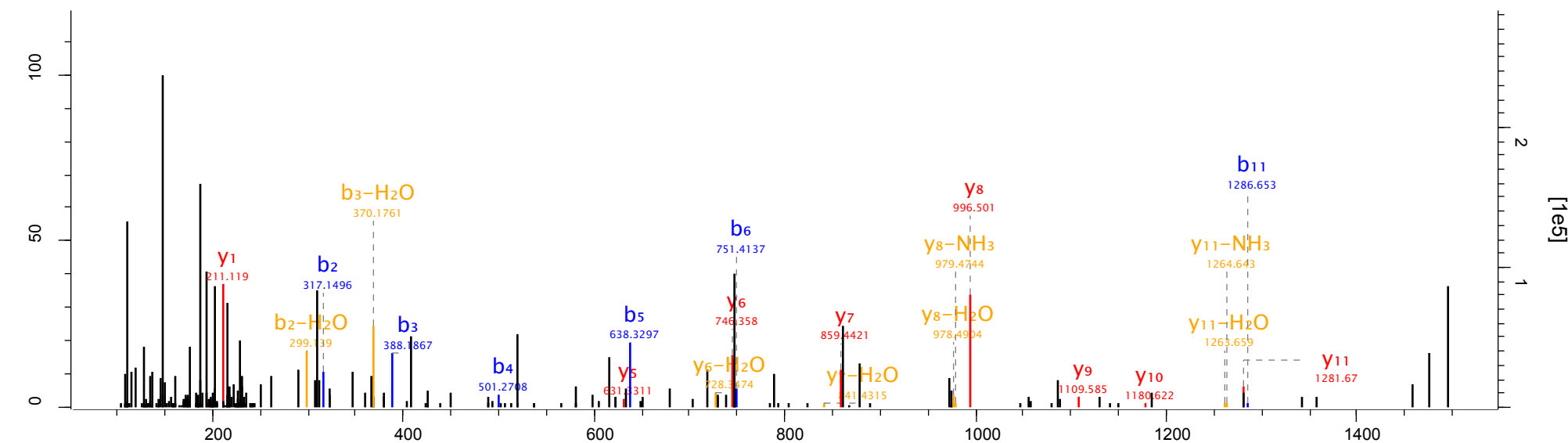
101.56

m/z

748.89

Gene names

FASN



op
- V T A I H I D P A T me H R -
b2 b3 b4 b5 b6 b11

Zhibin_20150902_MDAOPA_SCX_1000mM_2

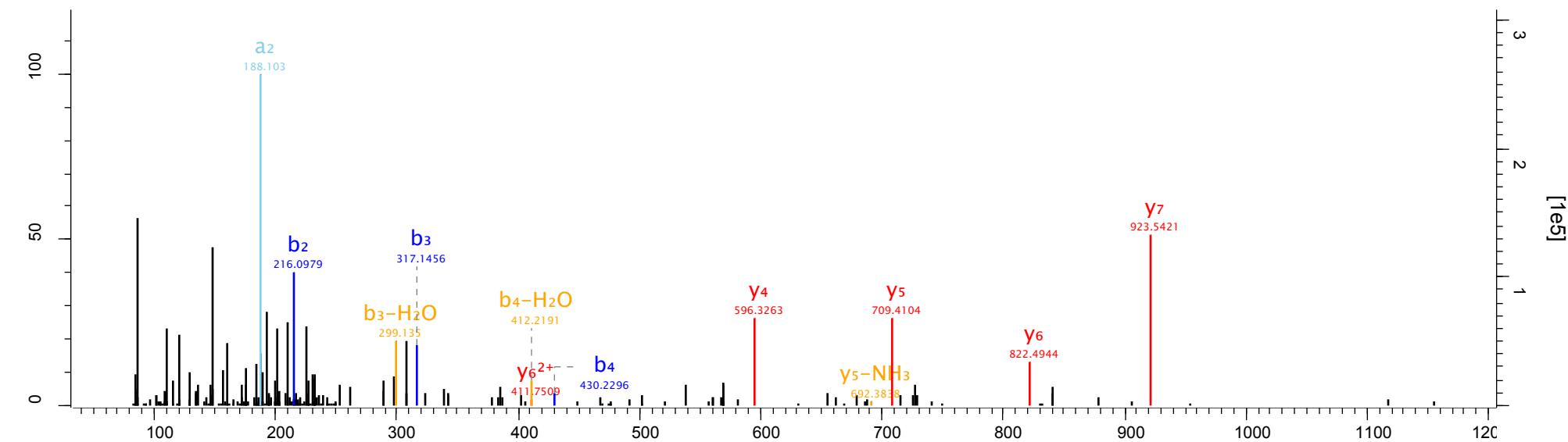
8353

FTMS; HCD

64.71

569.82

ZNF542P



- Q S T L I Q H Q di R -

b₂ b₃ b₄ y₇ y₆ y₅ y₄

Zhbin_20150902_MDAOPA_SCX_1000mM_2

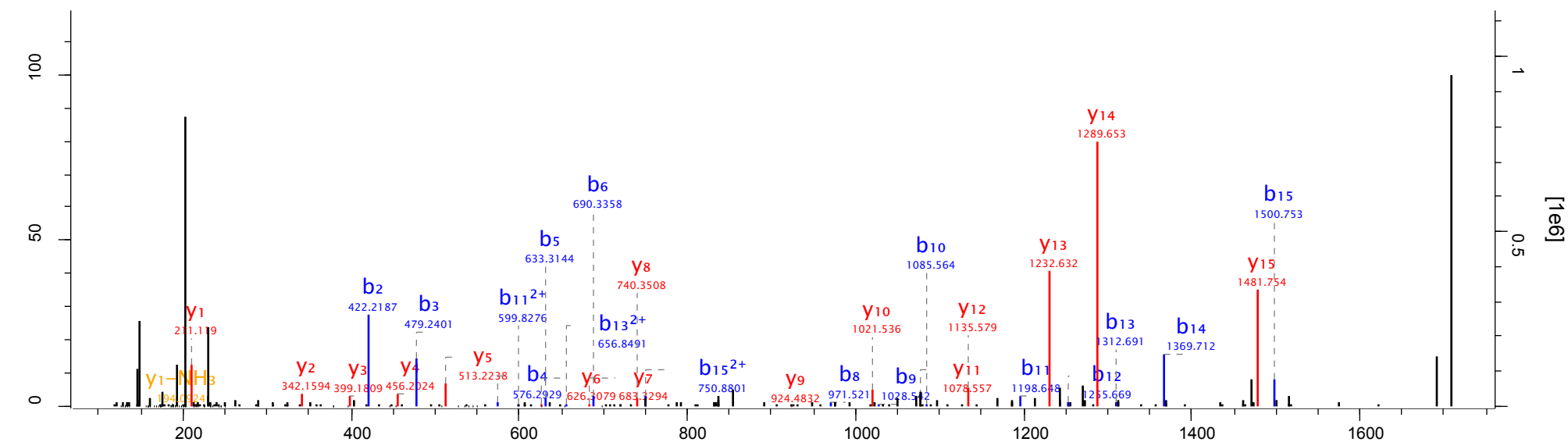
8419

FTMS; HCD

125.5

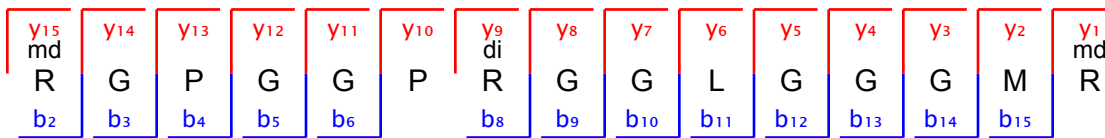
856.44

G3BP1



op

L



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_2

Scan

8652

Method

FTMS; HCD

Score

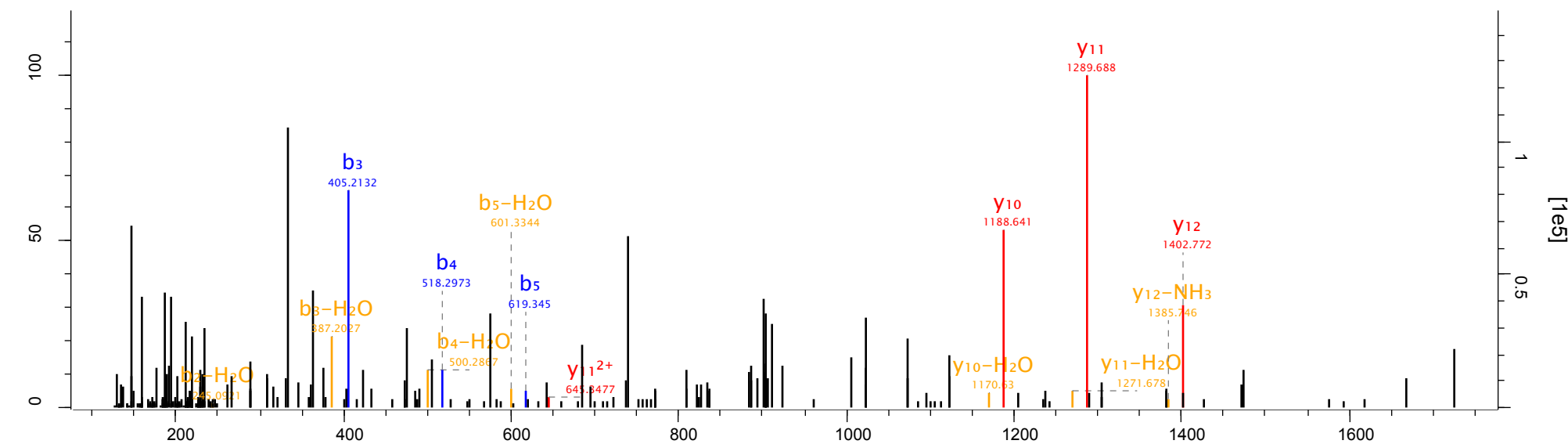
45.99

m/z

904.49

Gene names

ZFYVE16



- D F me K I T C G tr K V D A V D L me R -

Labels below the sequence: b3 (under K), b4 (under I), b5 (under T), y12 (under I), y11 (under T), y10 (under C).

Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_2

Scan

8696

Method

FTMS; HCD

Score

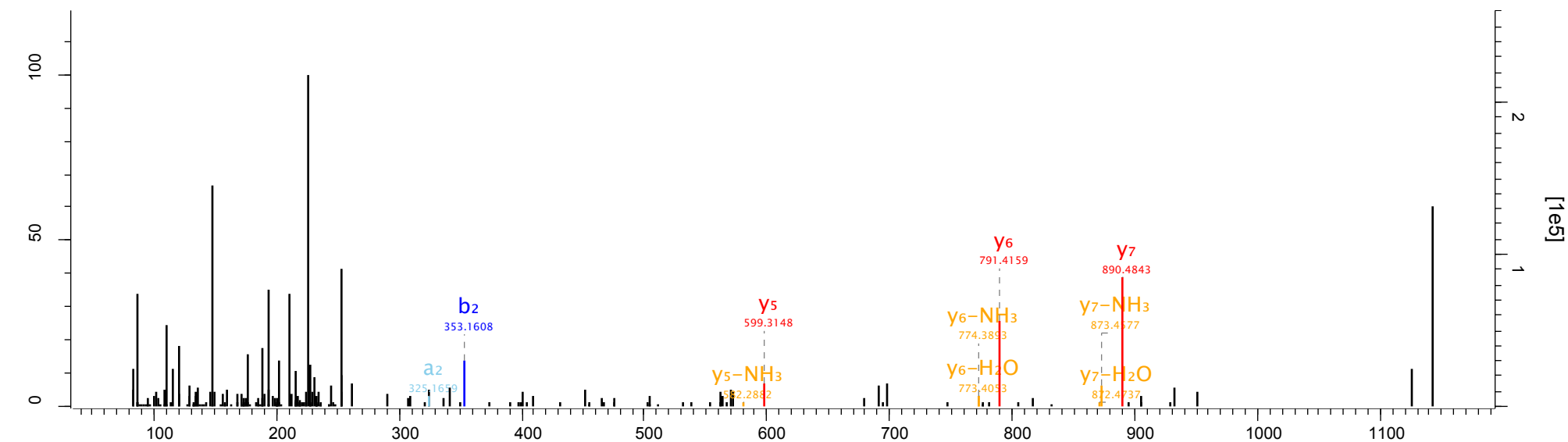
52.4

m/z

572.29

Gene names

PRDM15;ZNF298



[1e5]

2

1

op
- H V R S me H G D tr K -

Fragmentation labels: y7, y6, y5, b2, md.

Zhibin_20150902_MDAOPA_SCX_1000mM_2

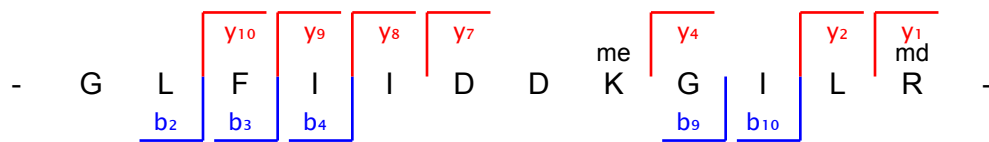
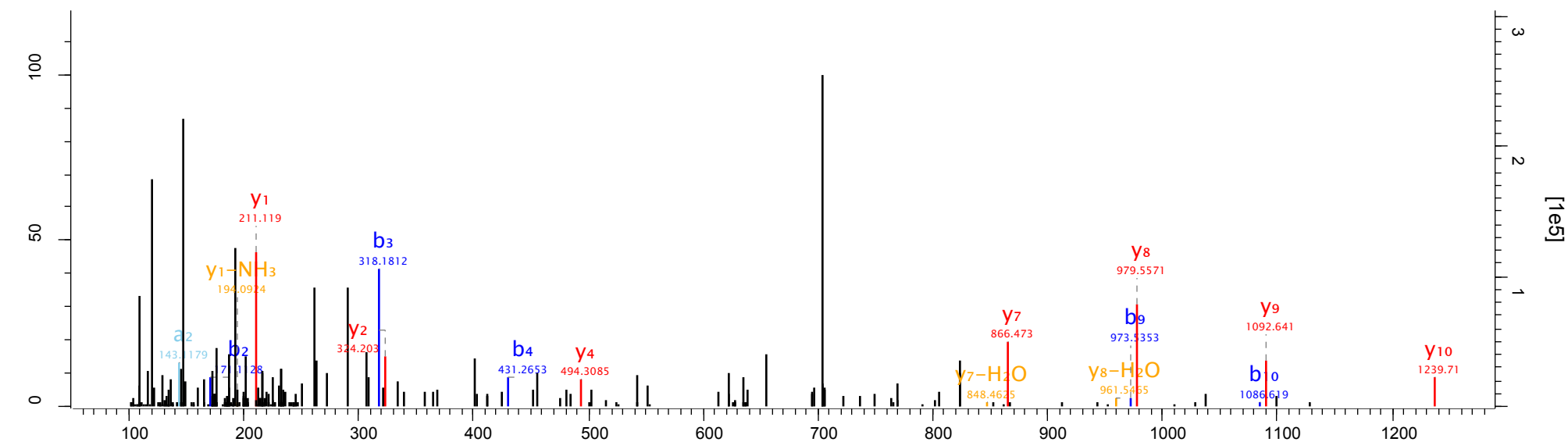
8982

FTMS; HCD

64.12

705.41

PRDX1;PRDX4



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_2

Scan

9945

Method

FTMS; HCD

Score

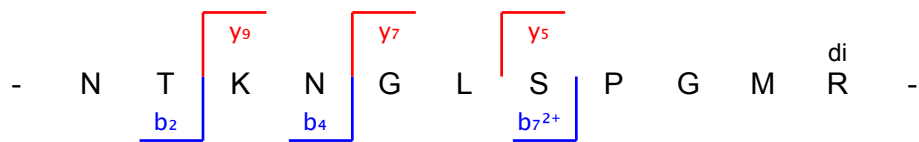
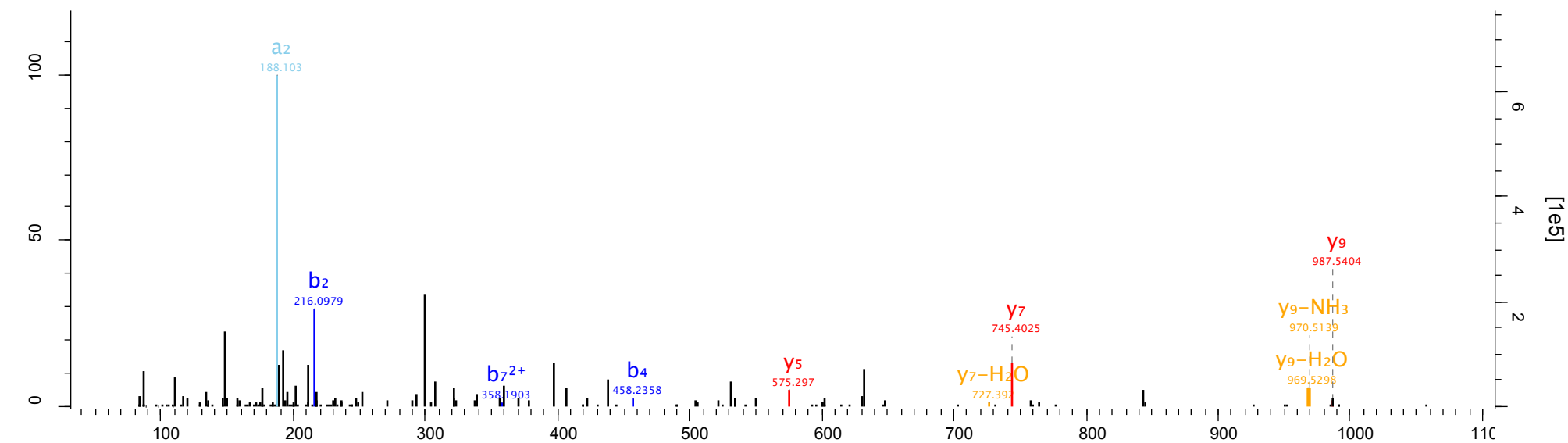
46.35

m/z

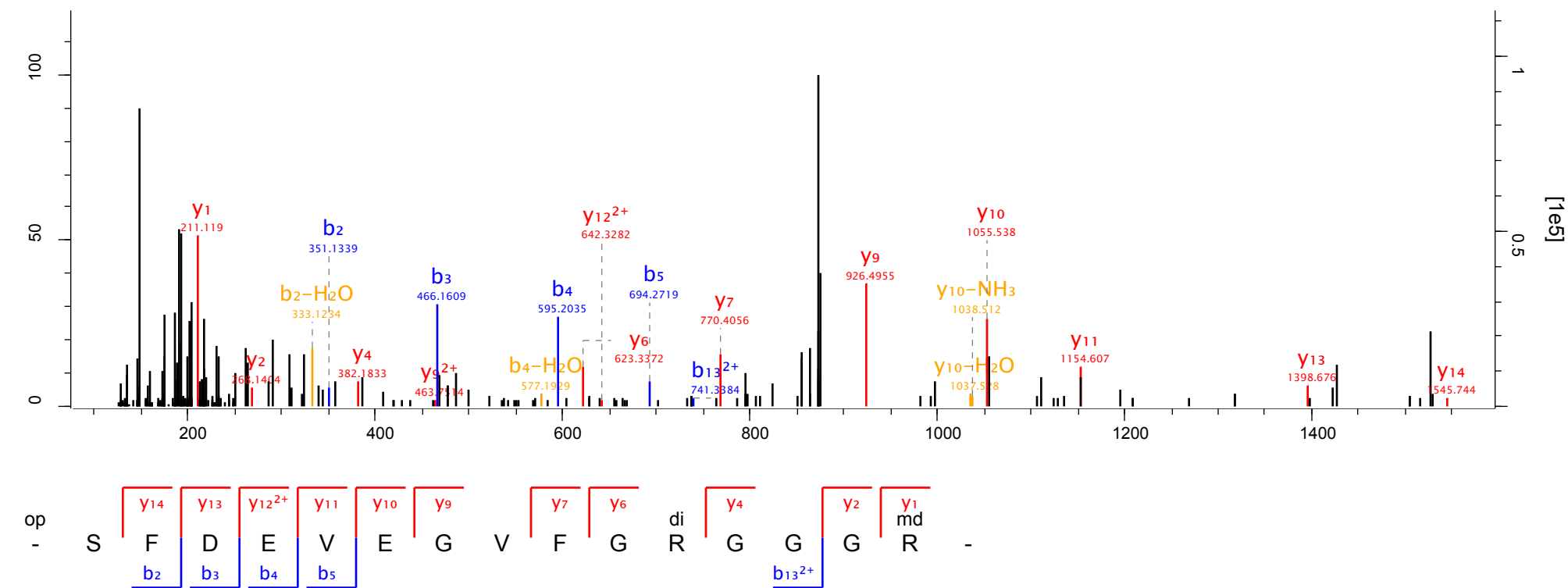
601.82

Gene names

BCE1



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_2	10306	FTMS; HCD	79.61	874.91	GIGYF2



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_3

Scan

5495

Method

FTMS; HCD

Score

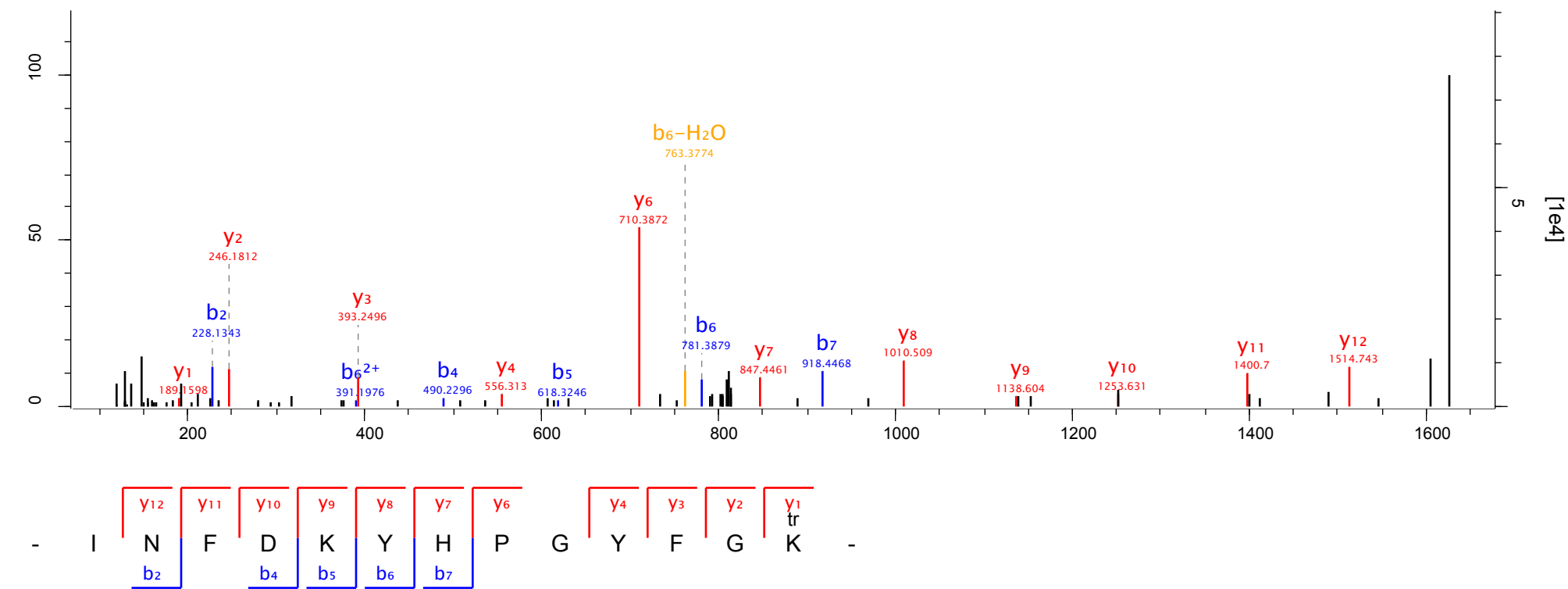
97.69

m/z

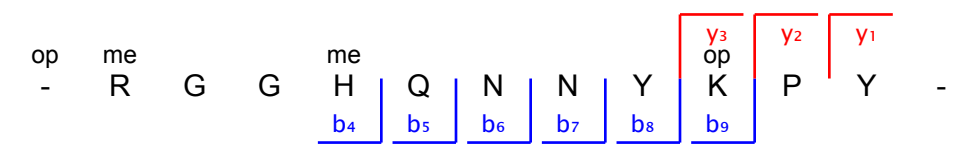
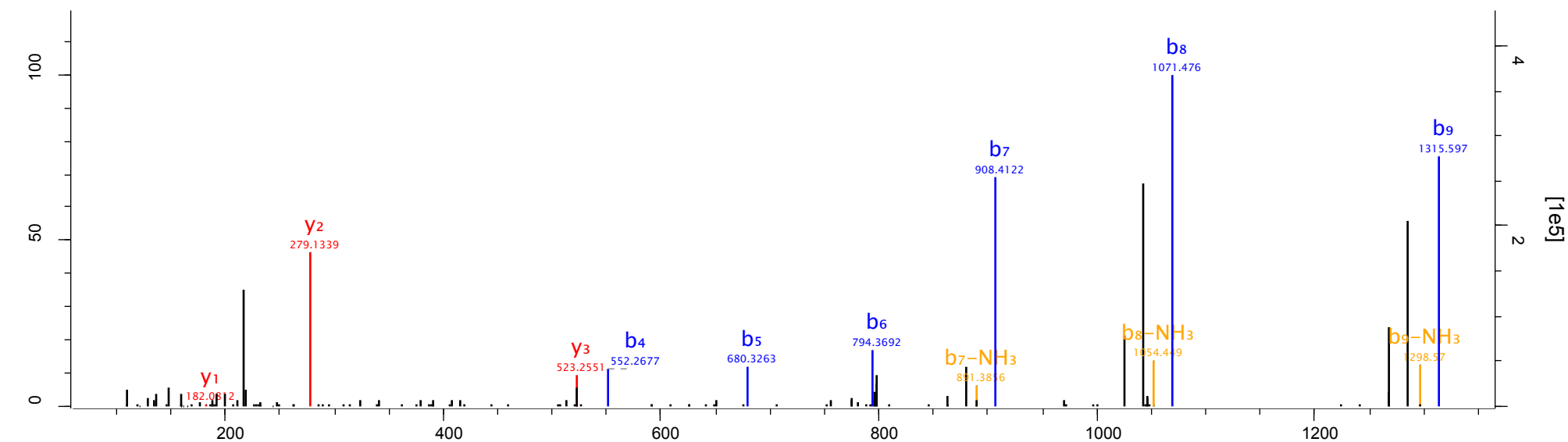
814.42

Gene names

RPL27A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_3	6268	FTMS; HCD	68.66	797.37	HNRNPAB



Zhibin_20150902_MDAOPA_SCX_1000mM_3

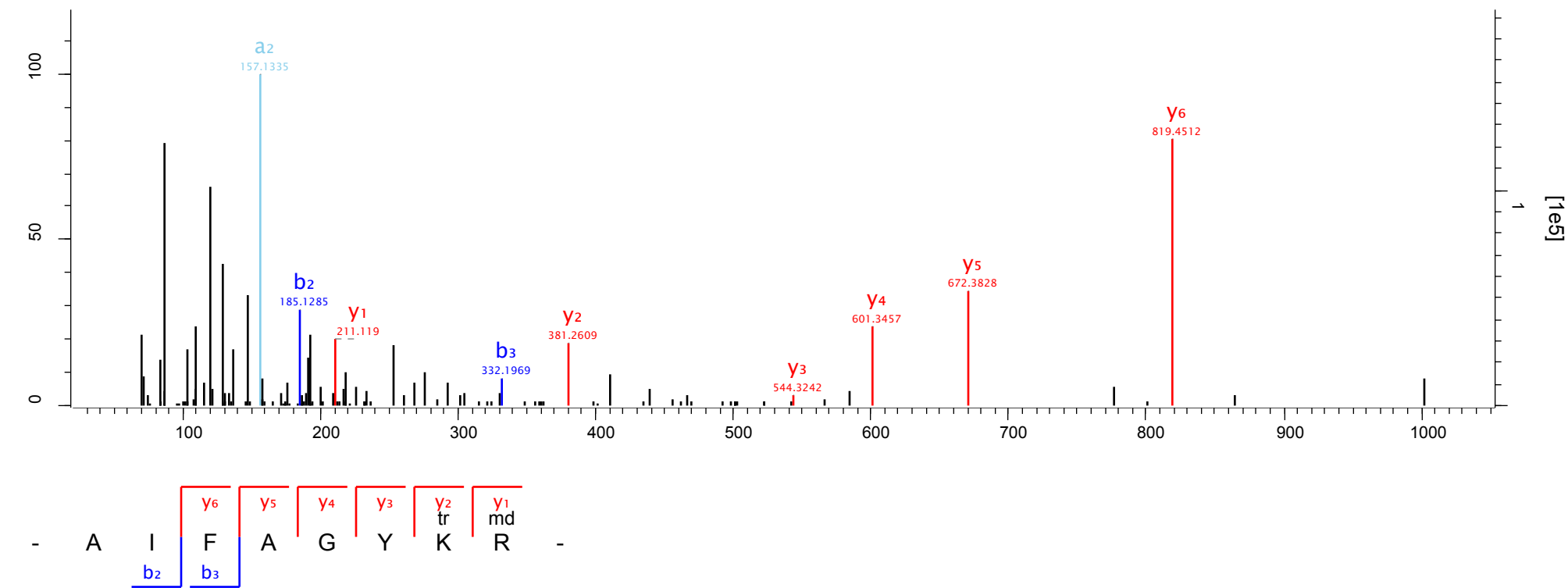
6307

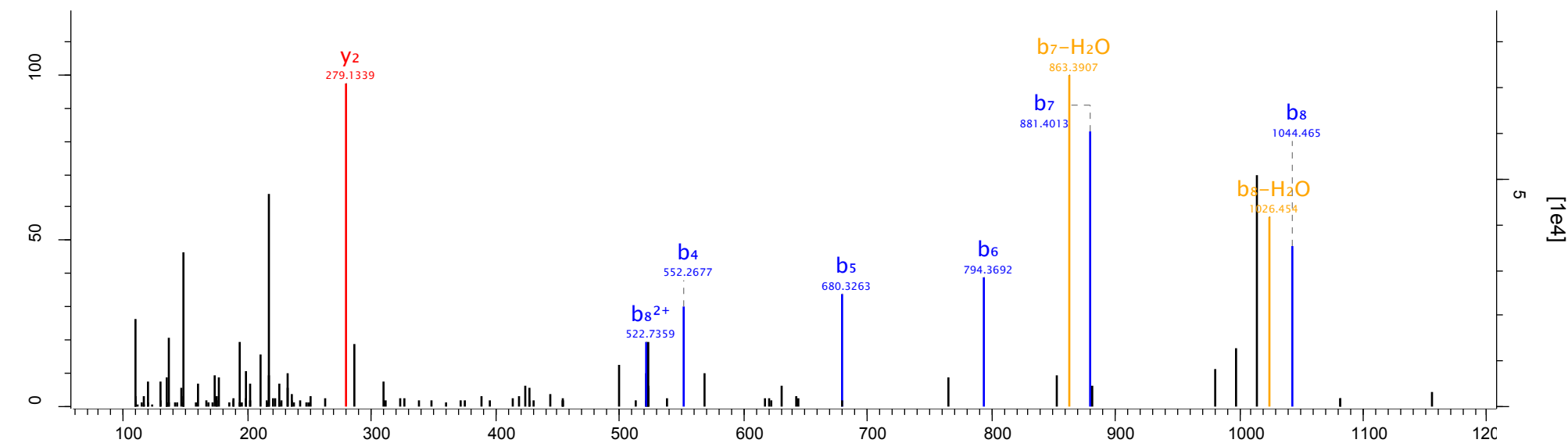
FTMS; HCD

67.03

502.29

RPL35A





[1e4]

5

op me
- R G G me
H Q N S Y
b₄ b₅ b₆ b₇ b₈
op K P Y -
y₂

Raw file

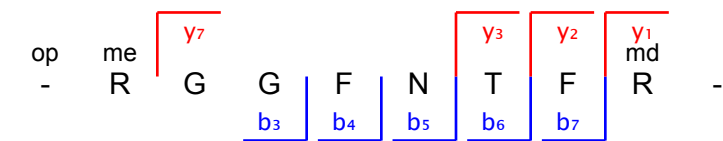
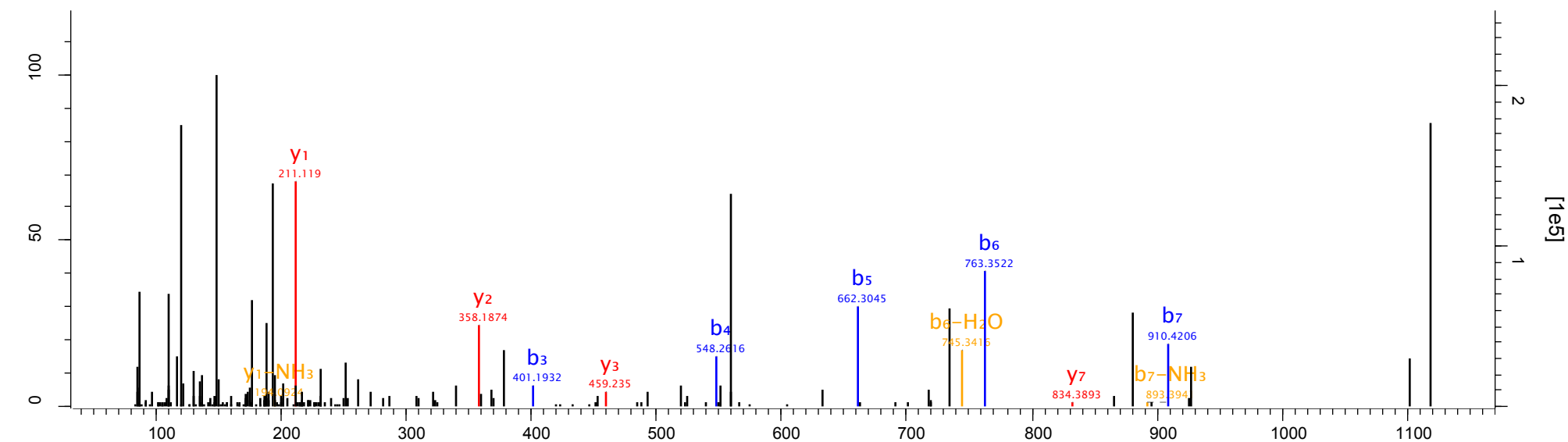
Zhibin_20150902_MDAOPA_SCX_1000mM_3

Scan 7055 Method FTMS; HCD

Score 56.26

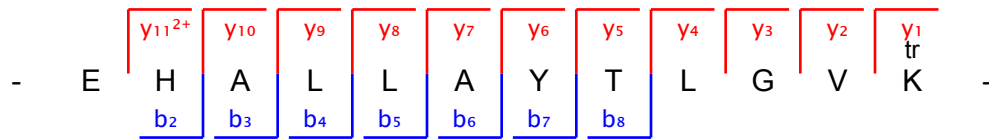
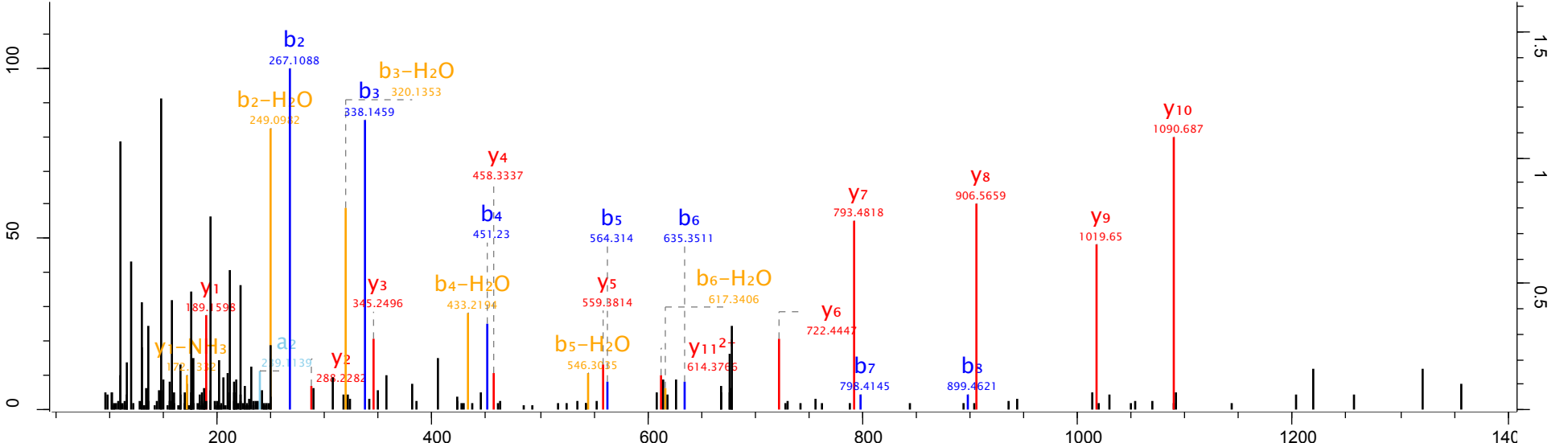
m/z 560.77

Gene names DDX5



Gene names

EEF1A1;EEF1A1P5;EEF1A2



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_3

Scan

7821

Method

FTMS; HCD

Score

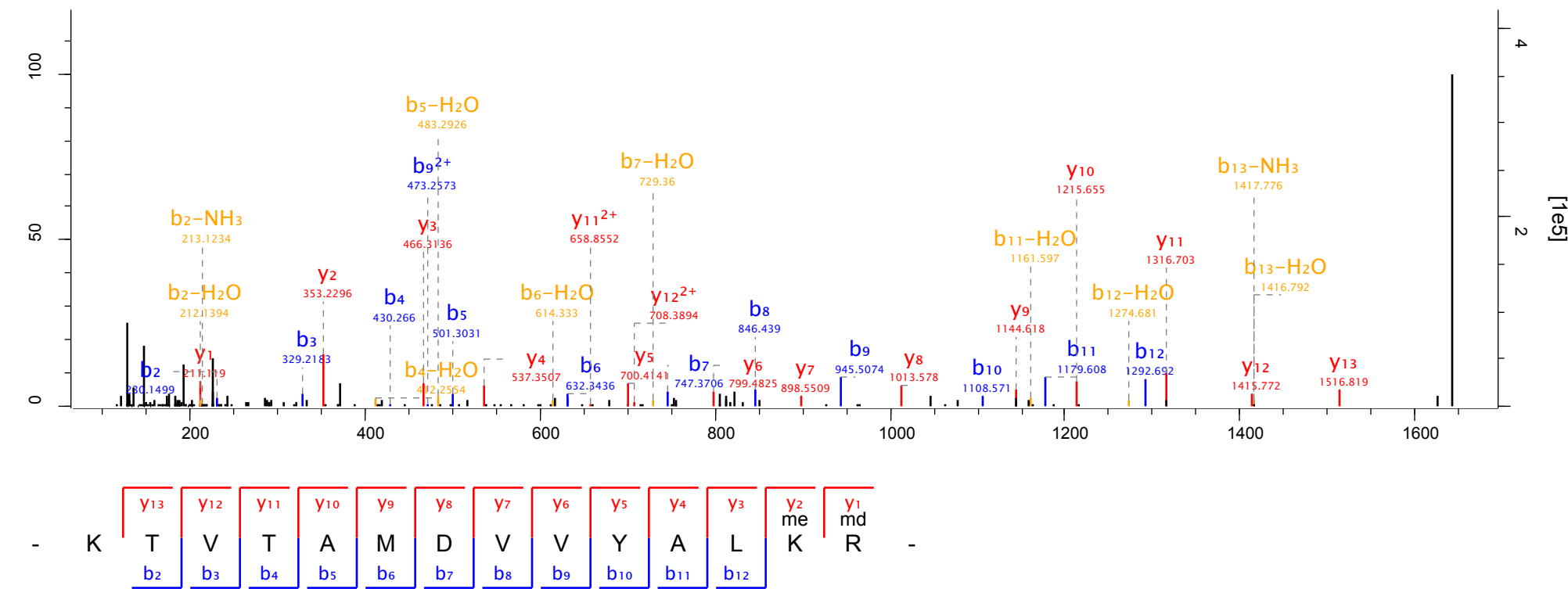
166.04

m/z

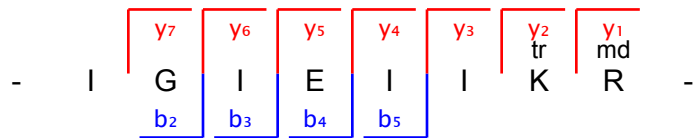
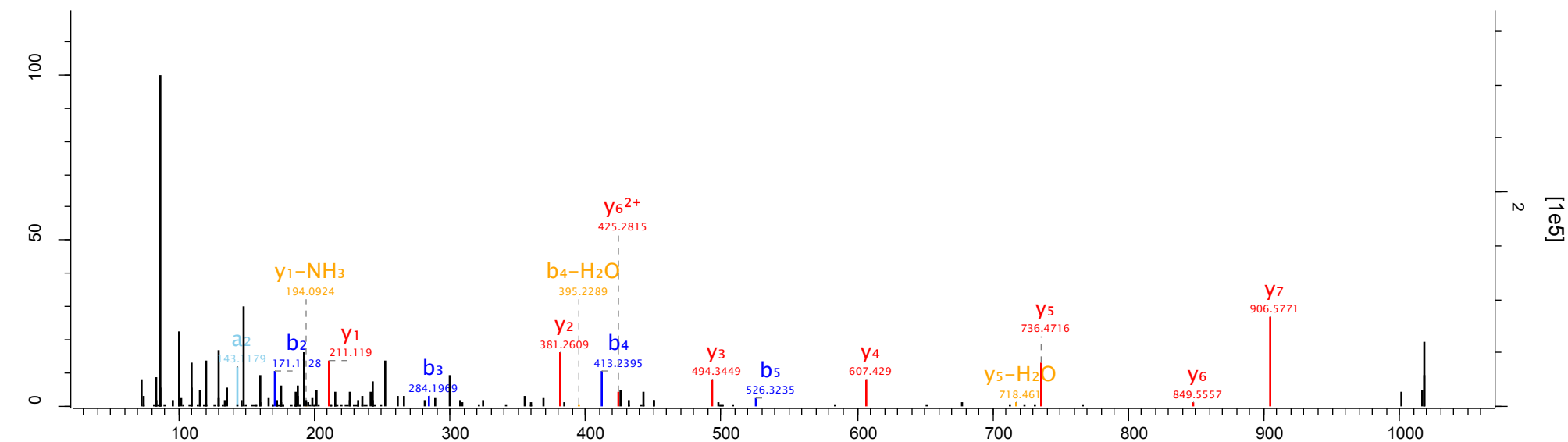
823.46

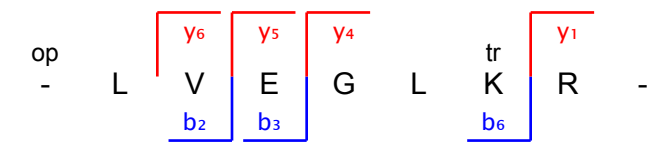
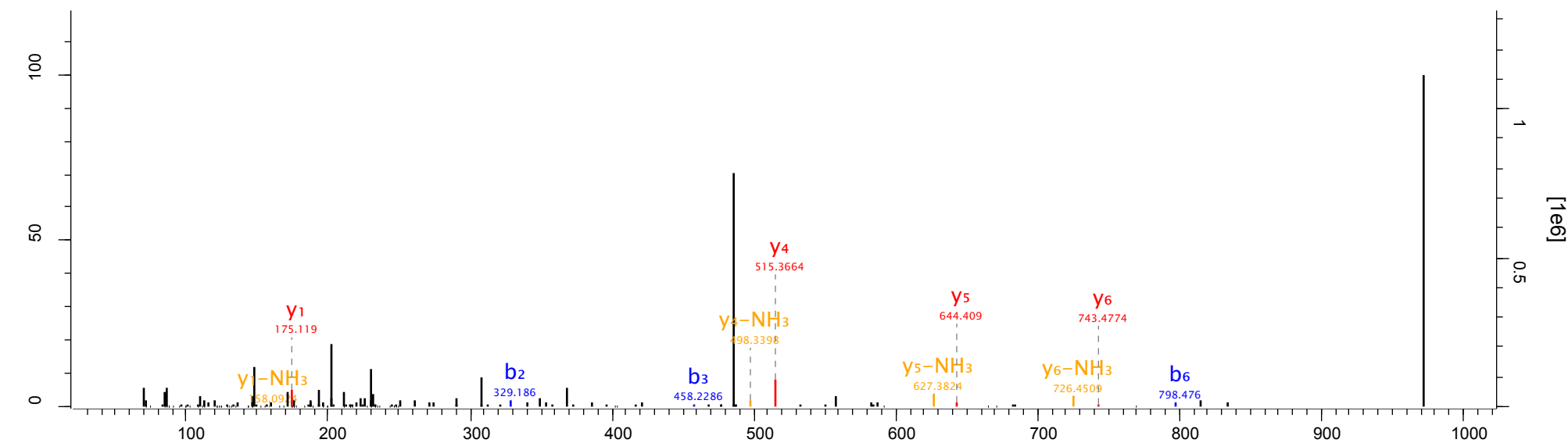
Gene names

HIST1H4A

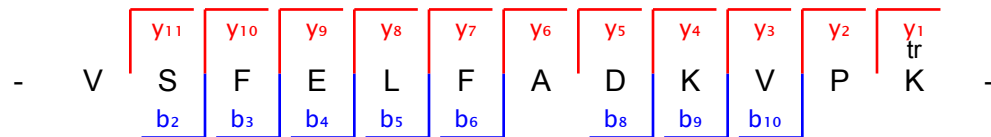
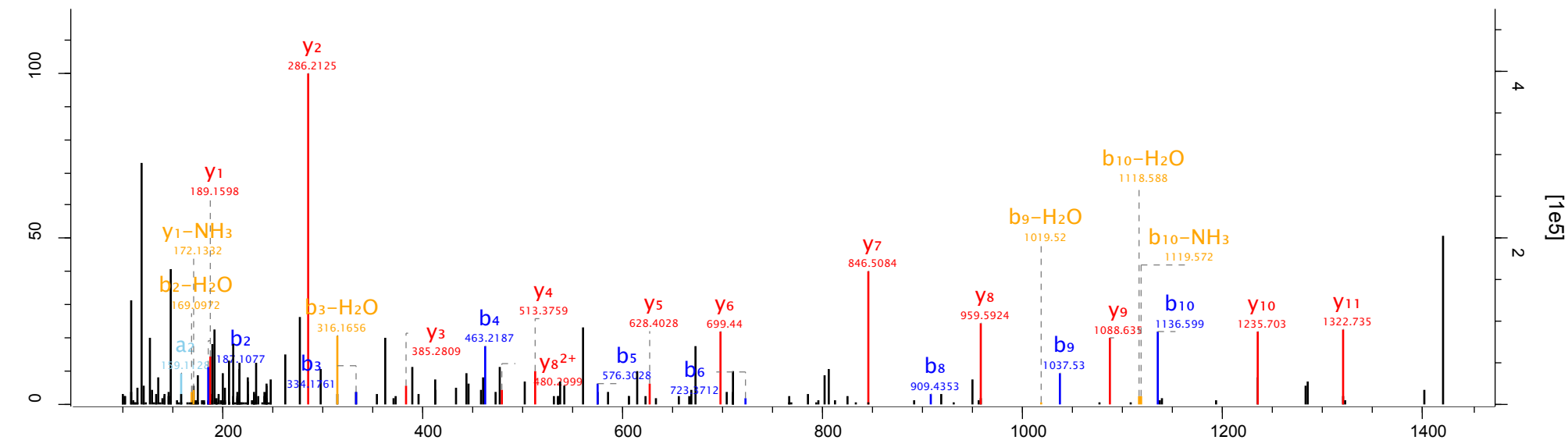


Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_3	7844	FTMS; HCD	80.44	510.34	HSPD1

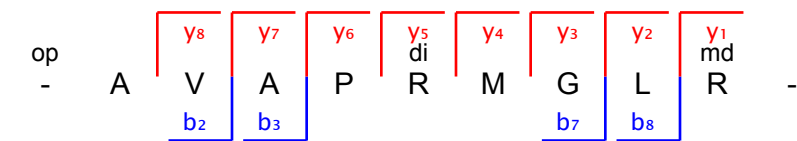
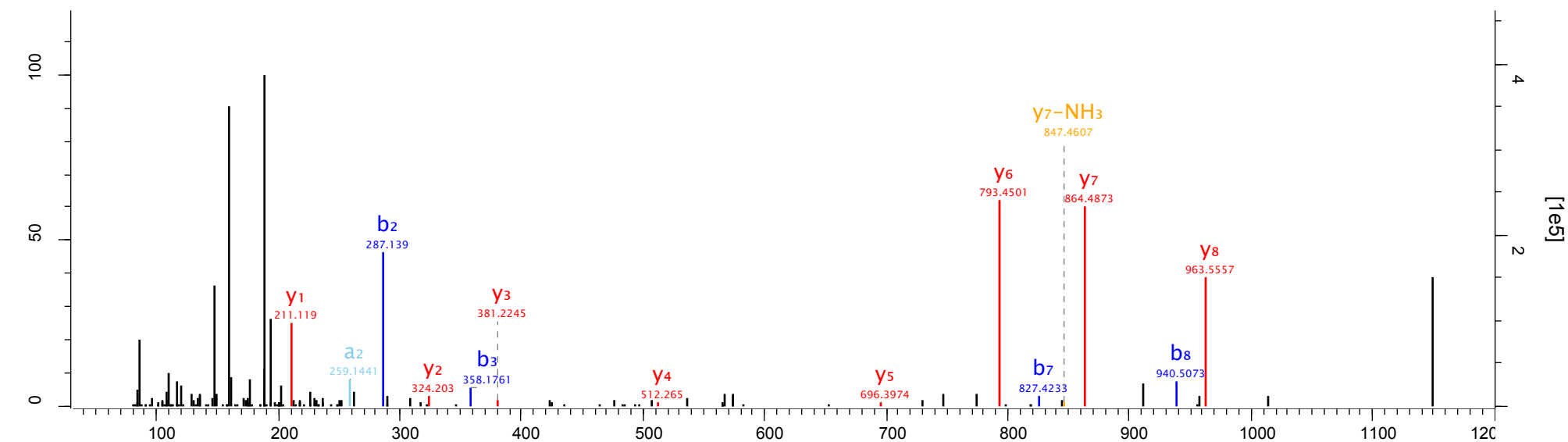




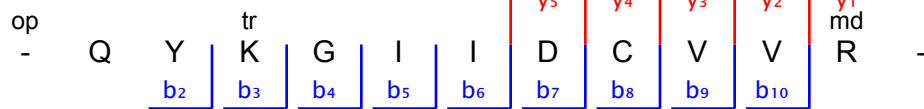
Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_3	8140	FTMS; HCD	90.76	711.41	PPIA



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_3	8253	FTMS; HCD	88.82	575.81	CHTOP



SLC25A5



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_3

Scan

8822

Method

FTMS; HCD

Score

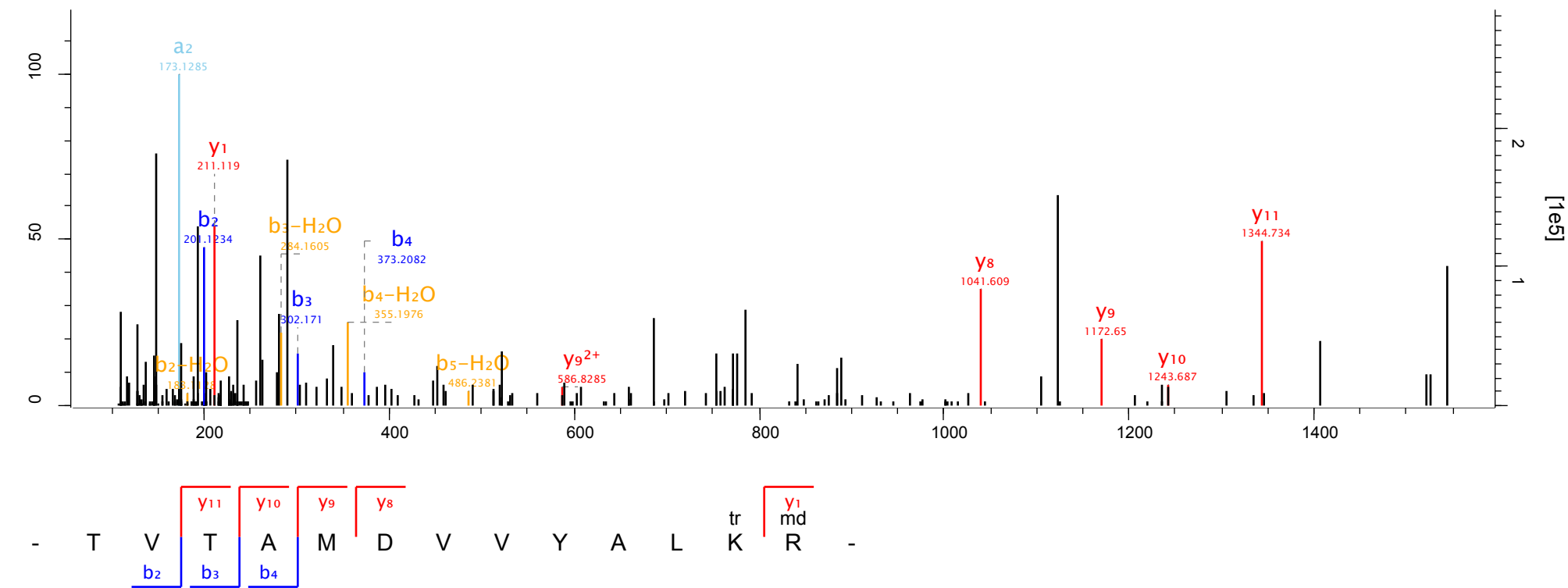
45.28

m/z

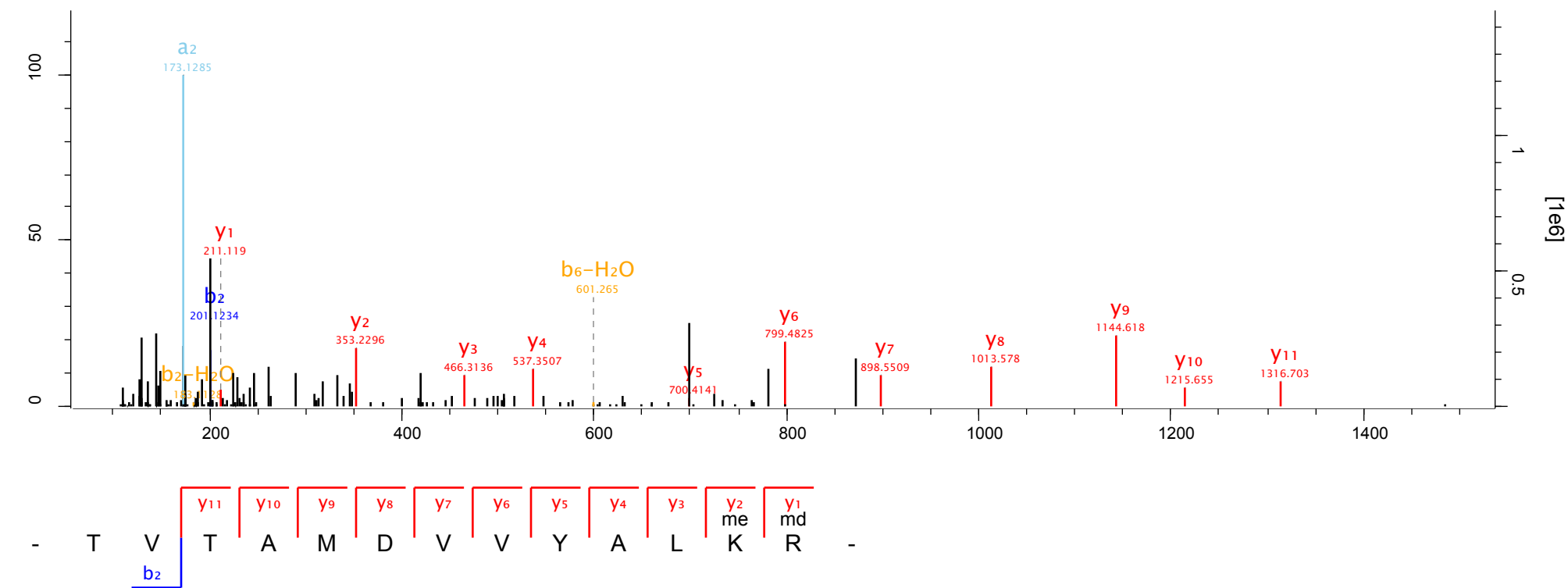
772.93

Gene names

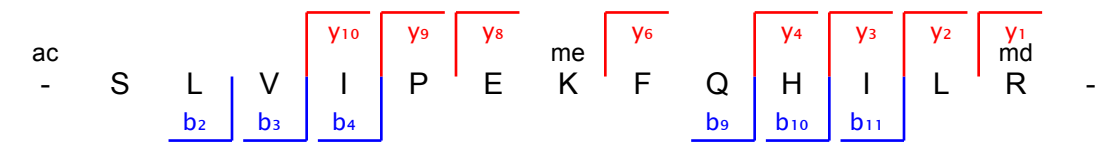
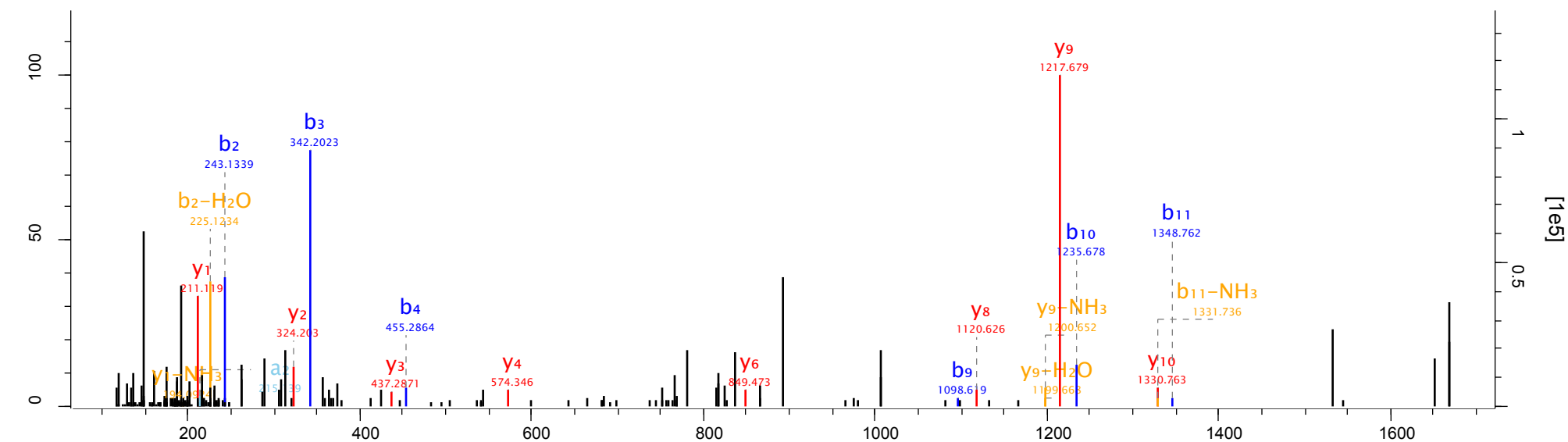
HIST1H4A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_3	8889	FTMS; HCD	50.9	506.28	HIST1H4A



Raw file	Scan	Method	Score	m/z	Gene names
Zhibin_20150902_MDAOPA_SCX_1000mM_3	8944	FTMS; HCD	101.53	836.49	RPS18



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_3

Scan

9194

Method

FTMS; HCD

Score

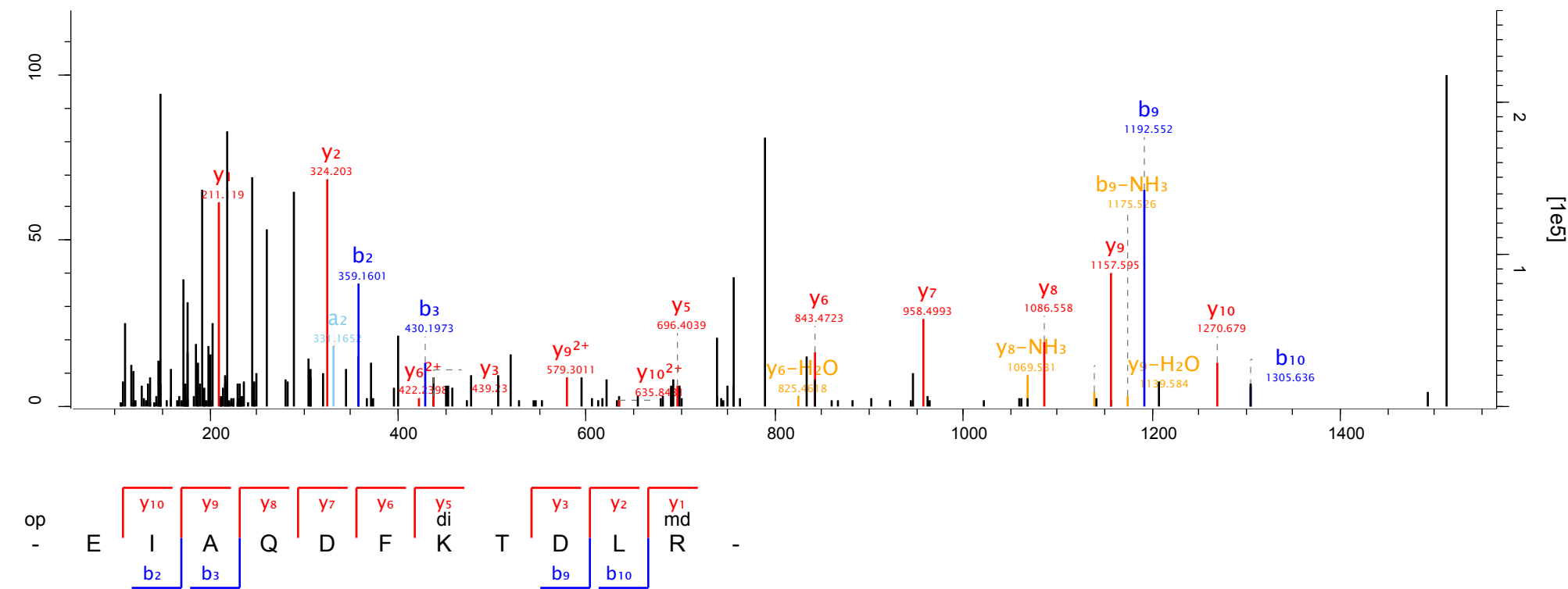
89.3

m/z

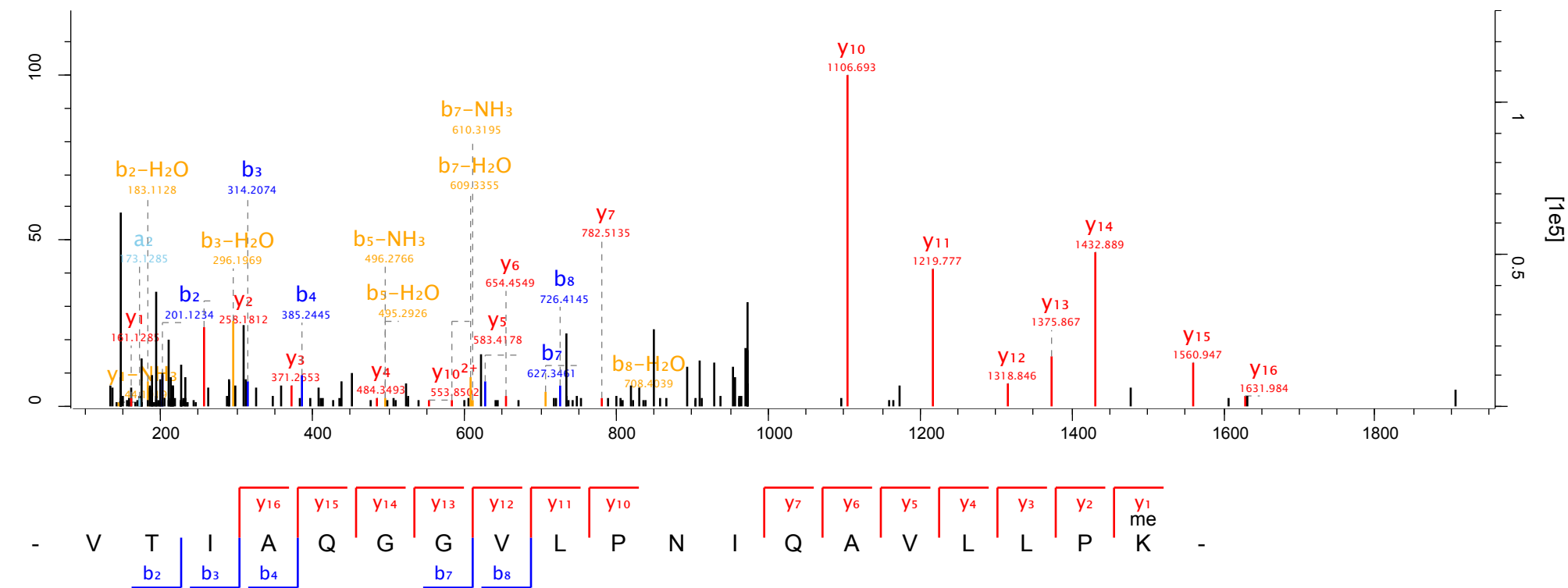
758.38

Gene names

HIST2H3A;HIST3H3;HIST1H3A;H3F3B;H3F3A



Zhibin_20150902_MDAOPA_SCX_1000mM_3 9726 FTMS; HCD 61.87 973.59 HIST1H2AJ;HIST1H2AH;H2AFJ;HIST2H2AC;HIST2H2AA3;HIST1H2AG;HIST1H2AD;HIST1H2AC;HIST3H2A;HIST1H2A



Raw file

Zhibin_20150902_MDAOPA_SCX_1000mM_3

Scan

10147

Method

FTMS; HCD

Score

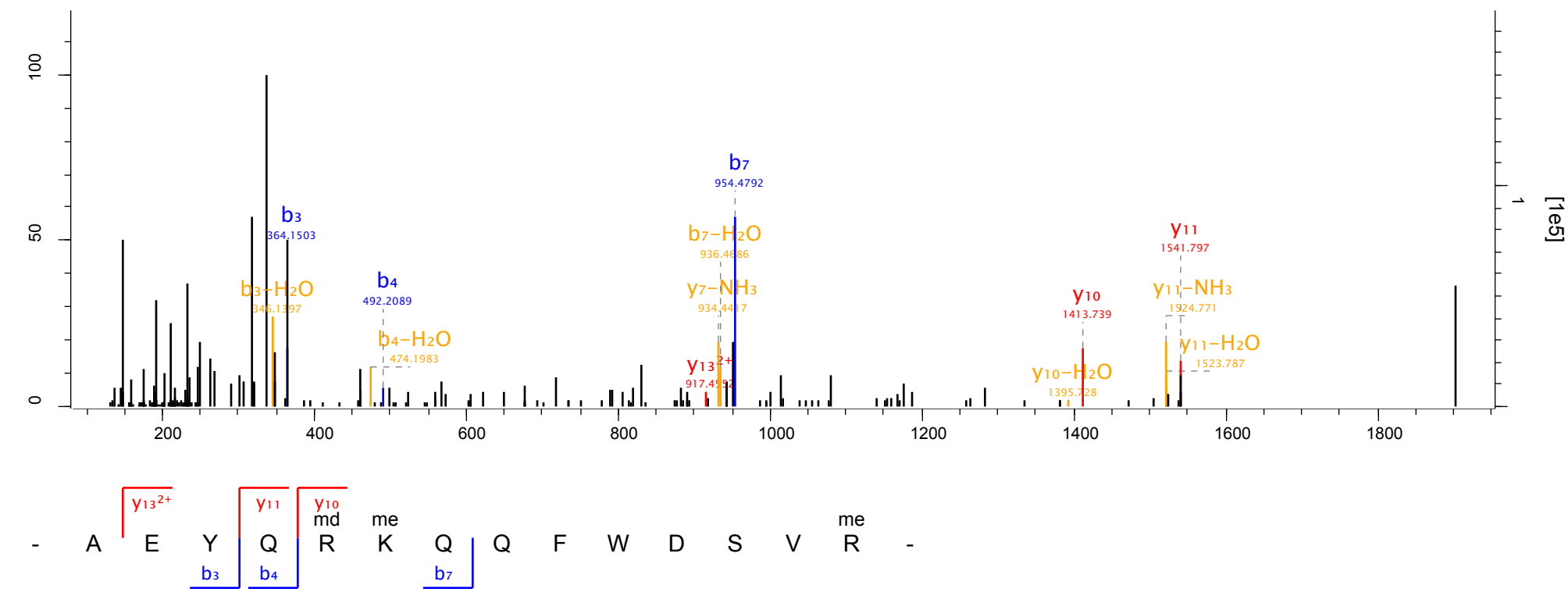
53.45

m/z

953.47

Gene names

TMPRSS11F



Zhibin_20150902_MDAOPA_SCX_1000mM_3

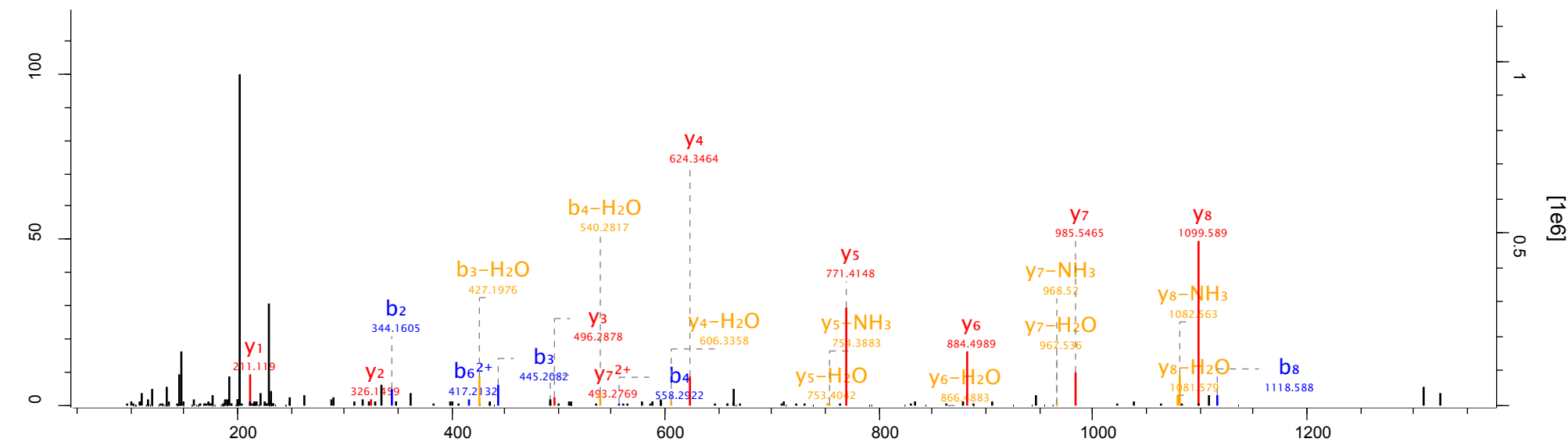
10228

FTMS; HCD

139.43

664.85

PRPF8



[1e6]

op

I N T L F Q tr D R -

b₂ b₃ b₄ b₆²⁺ b₈