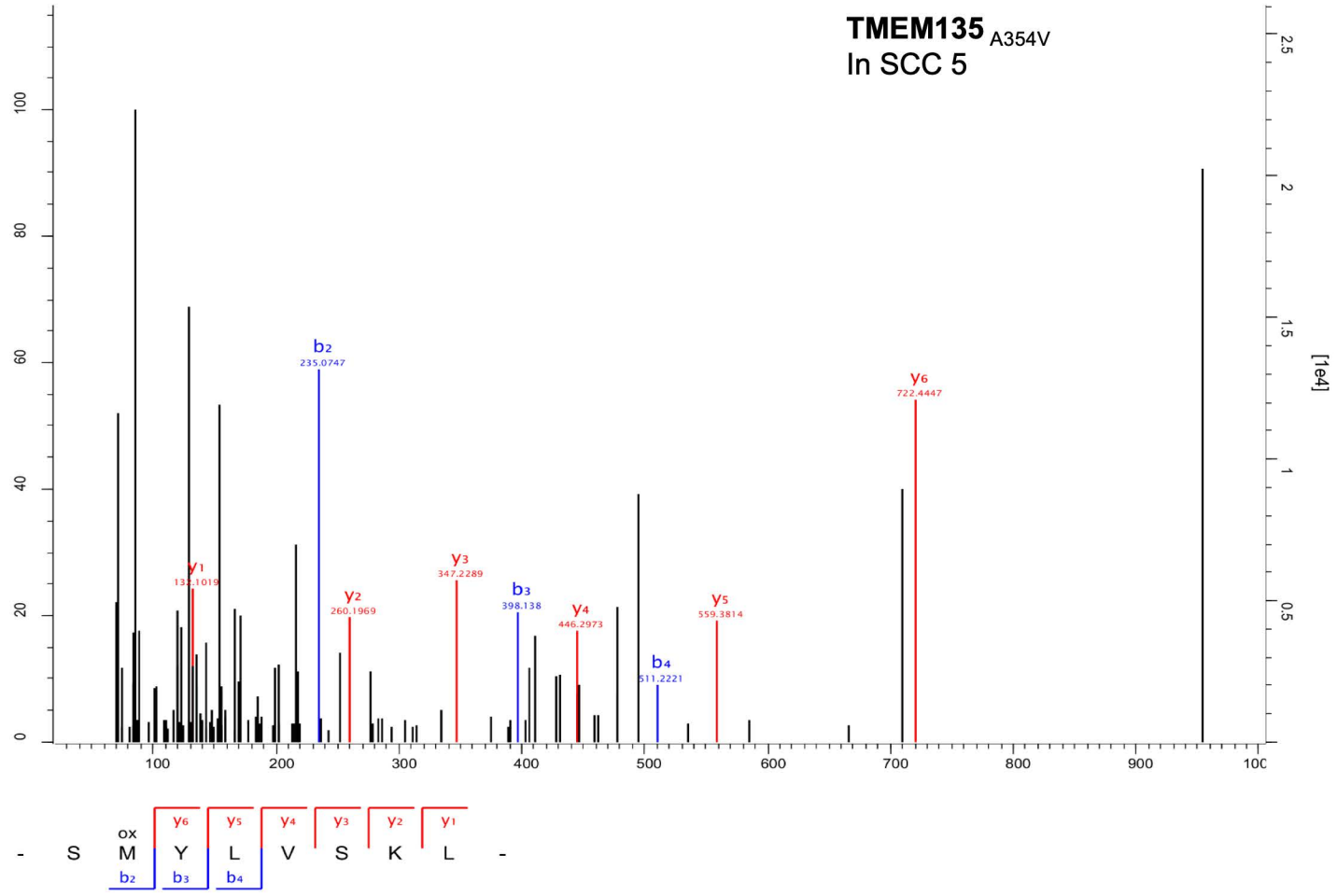
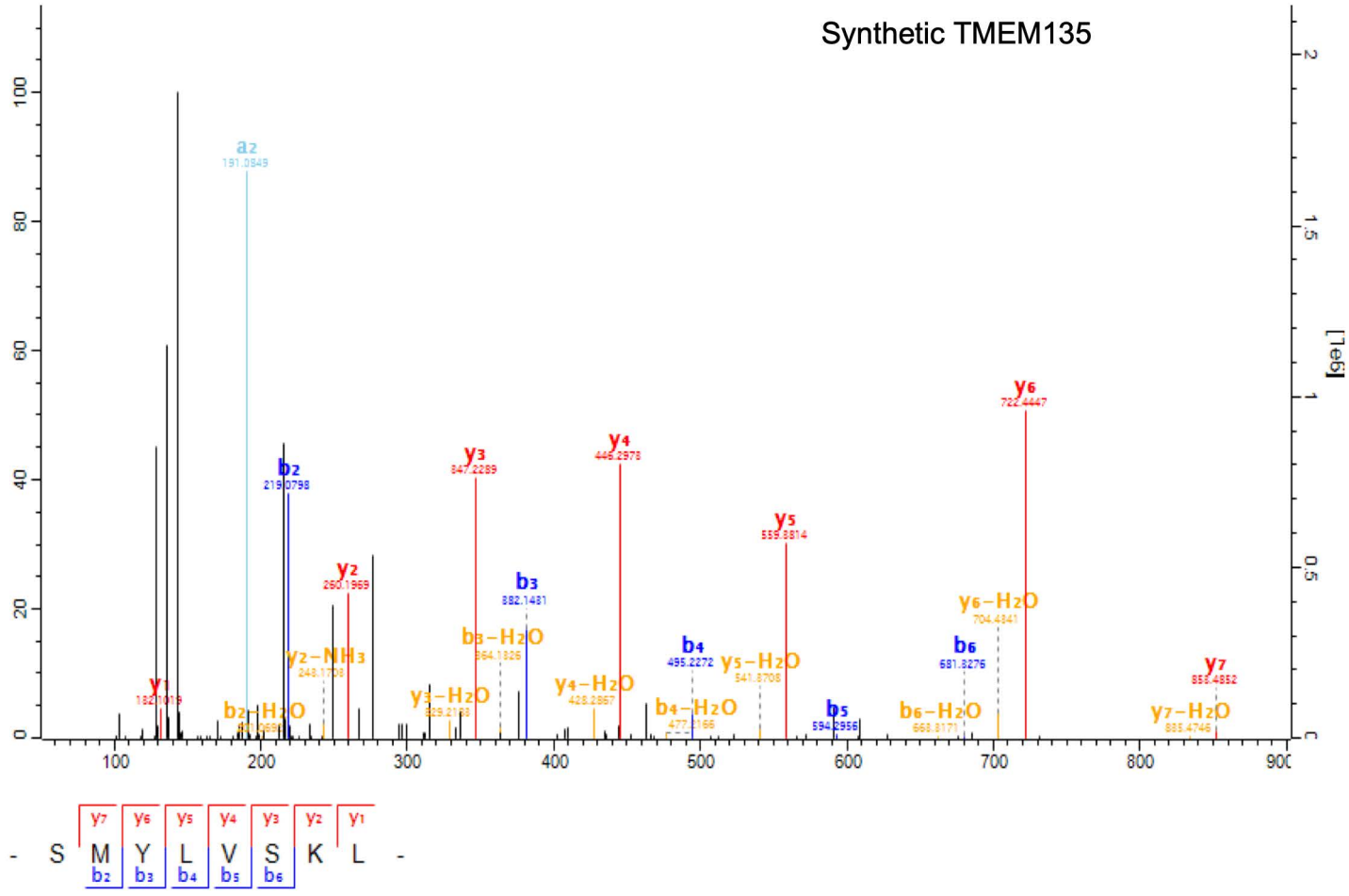
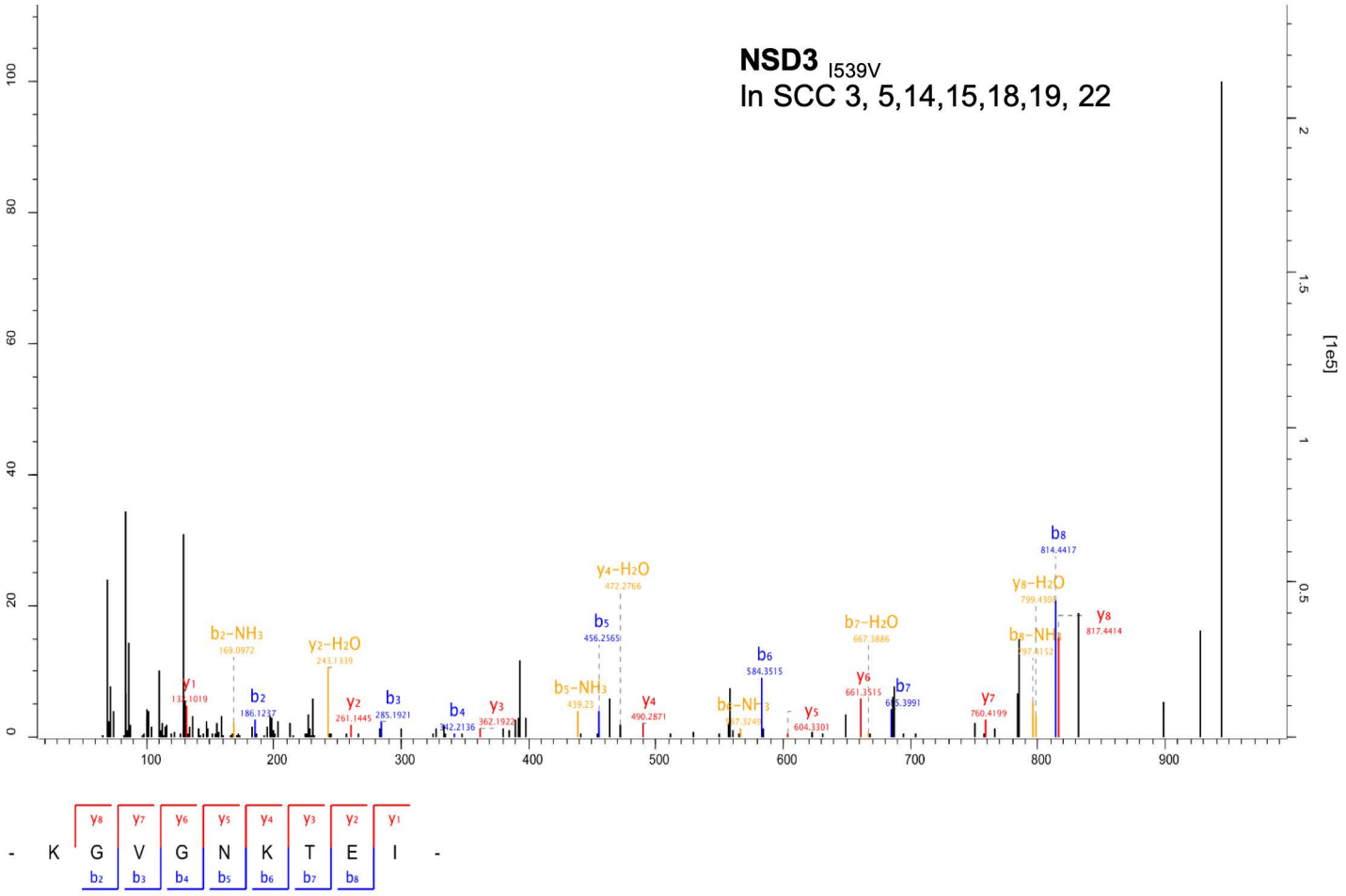
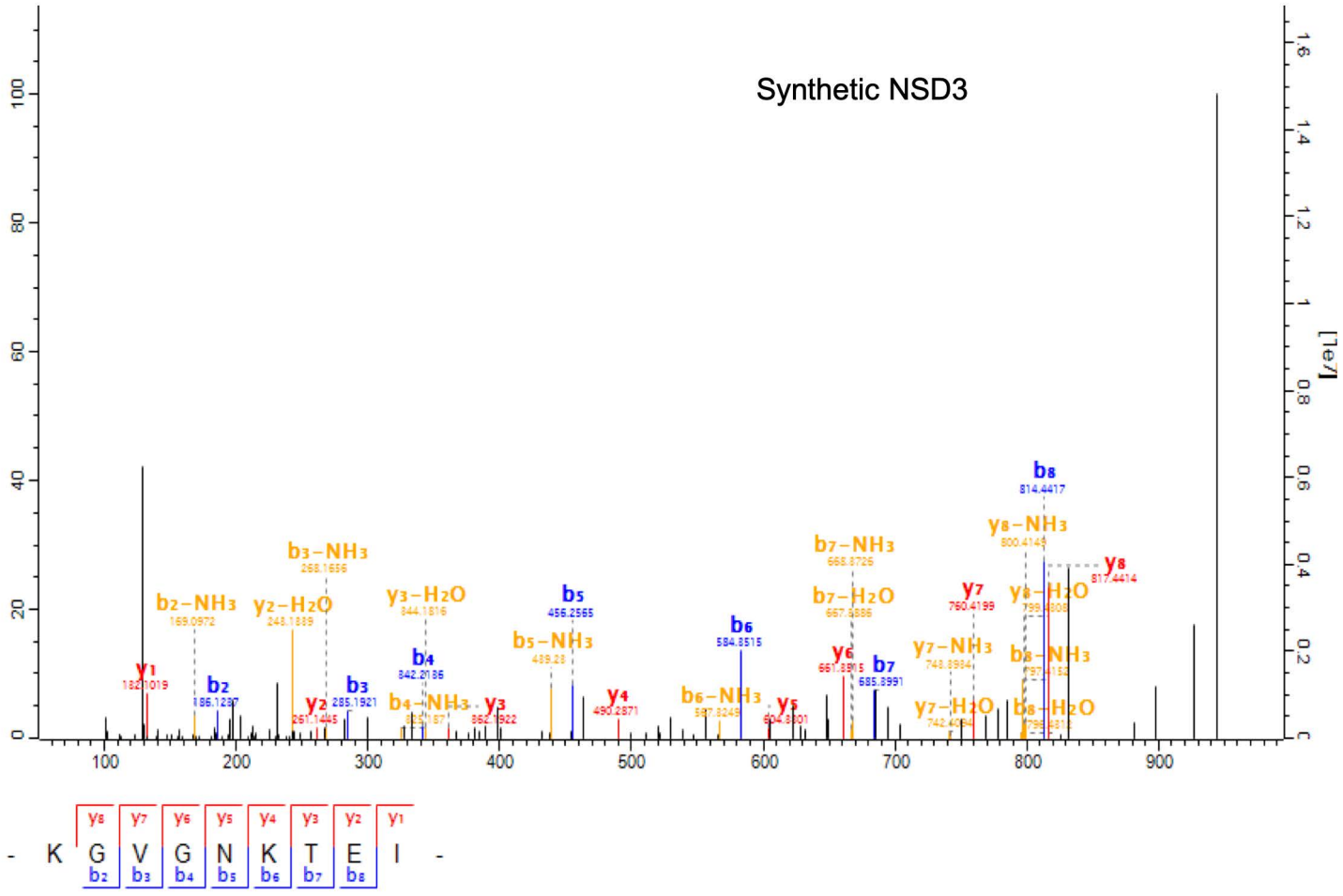
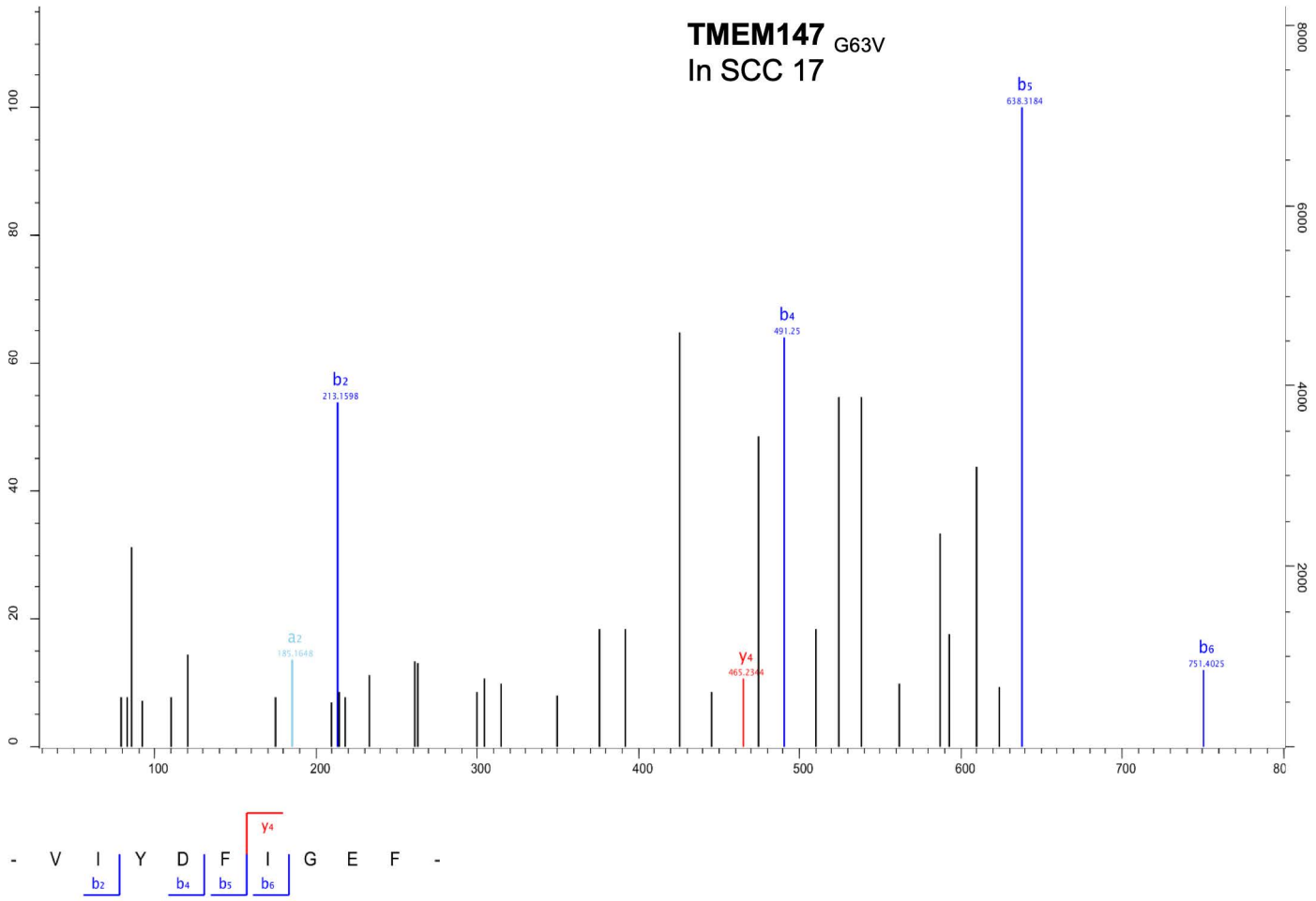
A

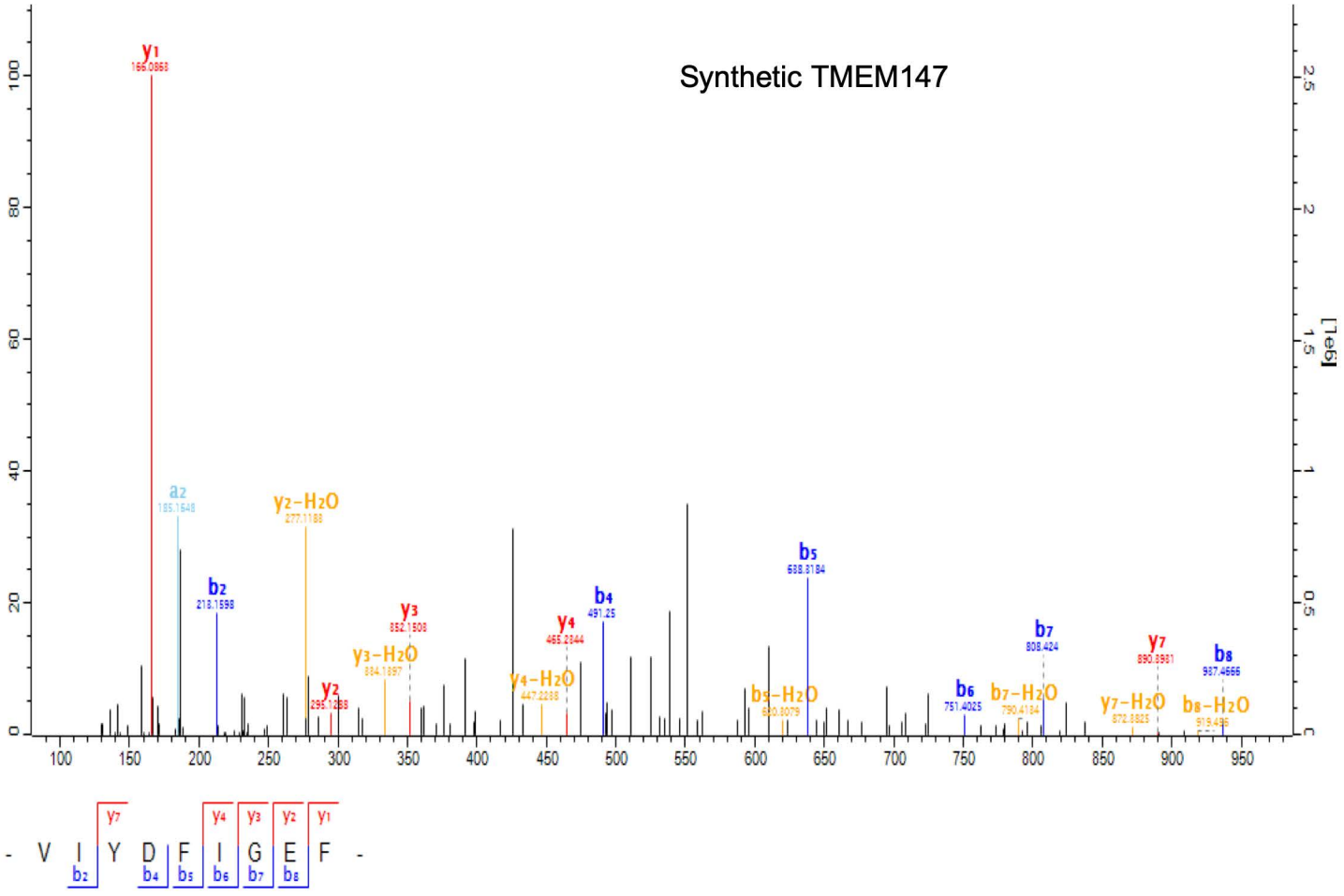

TMEM135 A354V
In SCC 5
b2
235.0747
y1
132.1019
y2
260.1969
y3
347.2289
b3
398.138
y4
446.2973
b4
511.2221
y5
559.3814
y6
722.4447
[1e4]
- S M Y L V S K L -
ox
b2 b3 b4
y6 y5 y4 y3 y2 y1

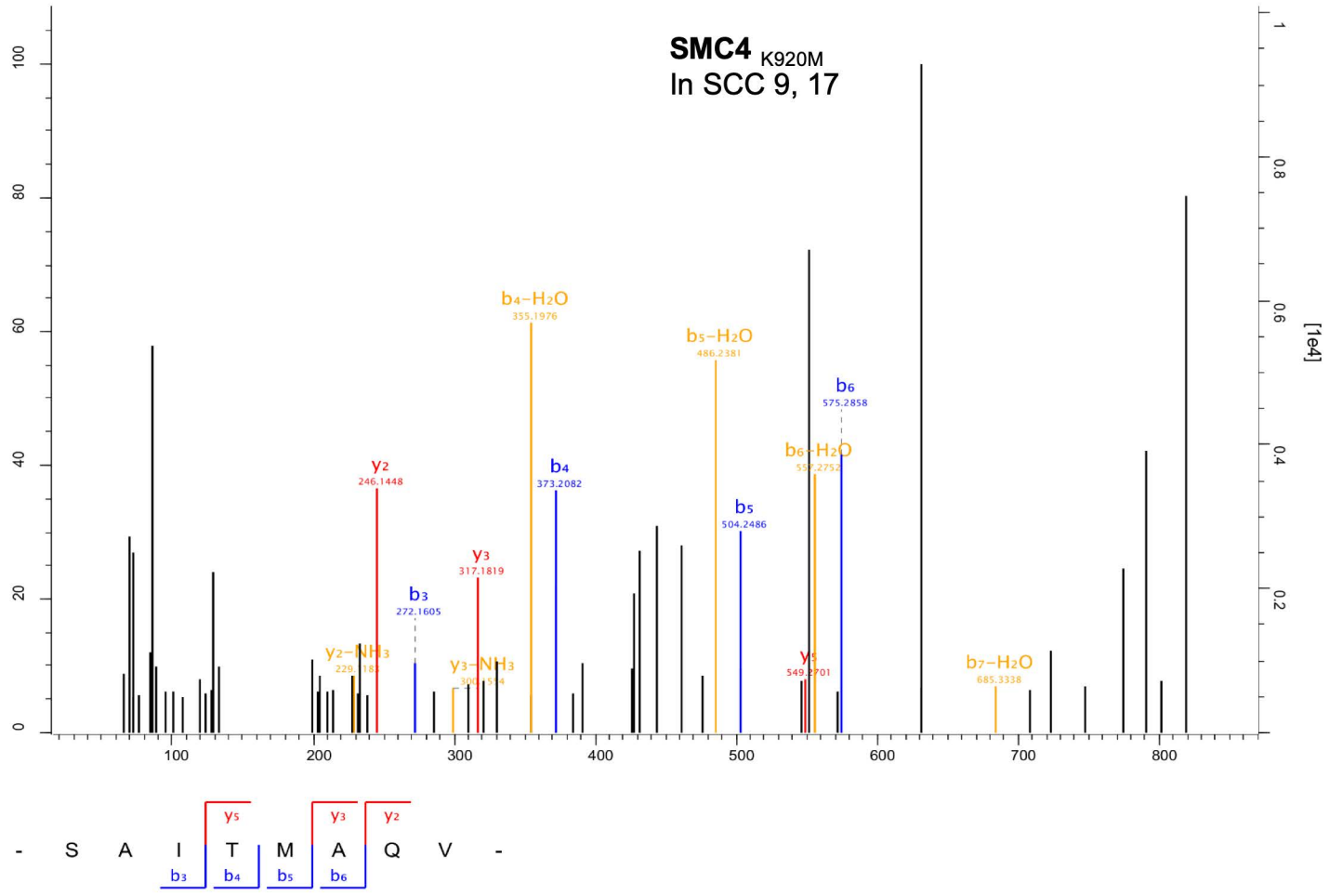

Synthetic TMEM135
a2
191.0849
b2
219.0798
y1
182.1019
y2
260.1969
y2−NH3
243.1708
b2−H2O
y3
347.2289
y3−H2O
329.2168
b3
382.1481
b3−H2O
364.1826
y4
446.2978
y4−H2O
428.2867
b4
495.2272
b4−H2O
477.2166
y5
559.3814
y5−H2O
541.8708
b5
594.2956
b6
681.8276
b6−H2O
663.8171
y6
722.4447
y6−H2O
704.4841
y7
858.4852
y7−H2O
885.4746
[1e6]
- S M Y L V S K L -
y7 y6 y5 y4 y3 y2 y1
b2 b3 b4 b5 b6

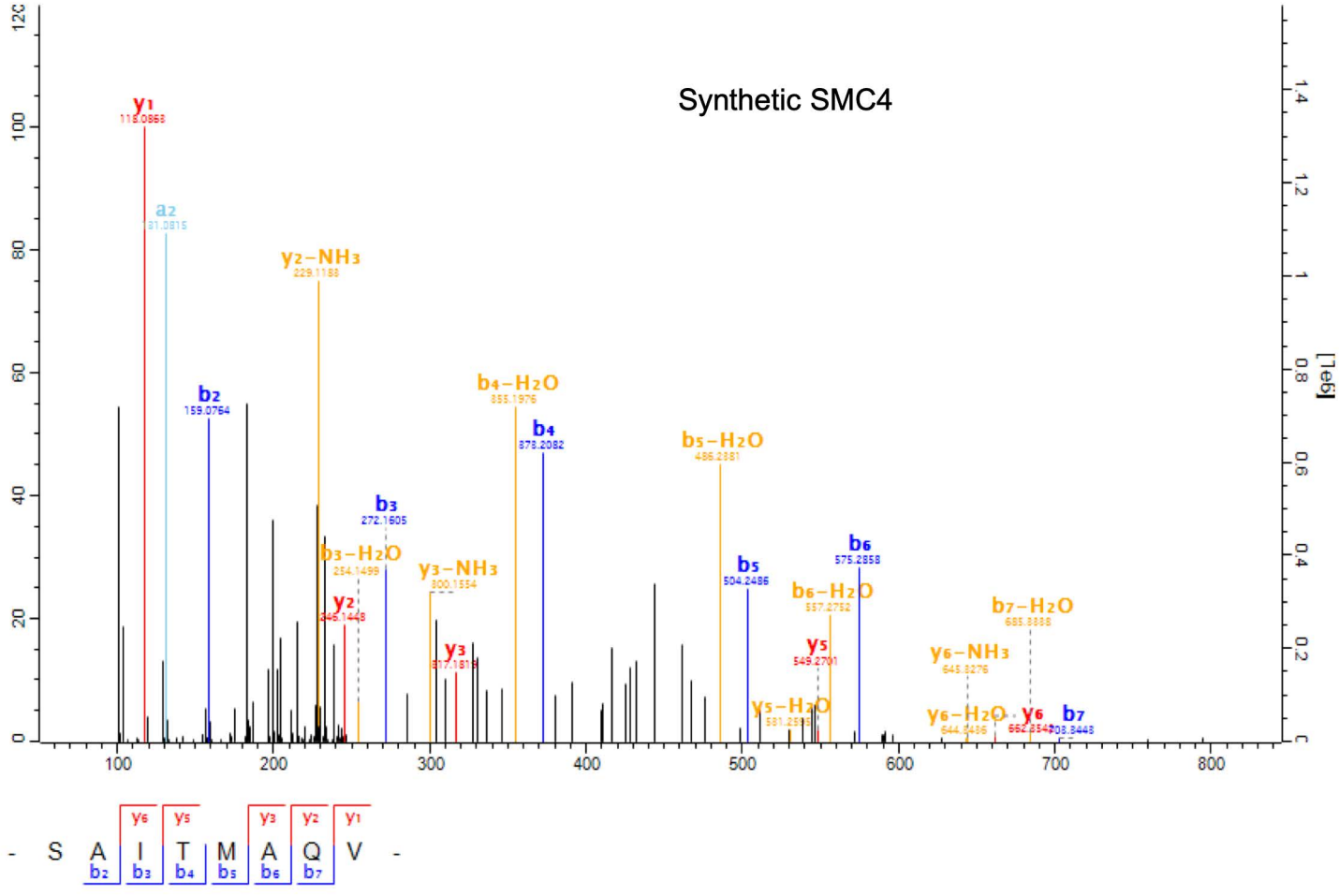

NSD3 I539V
In SCC 3, 5,14,15,18,19, 22
[1e5]
- K G V G N K T E I -

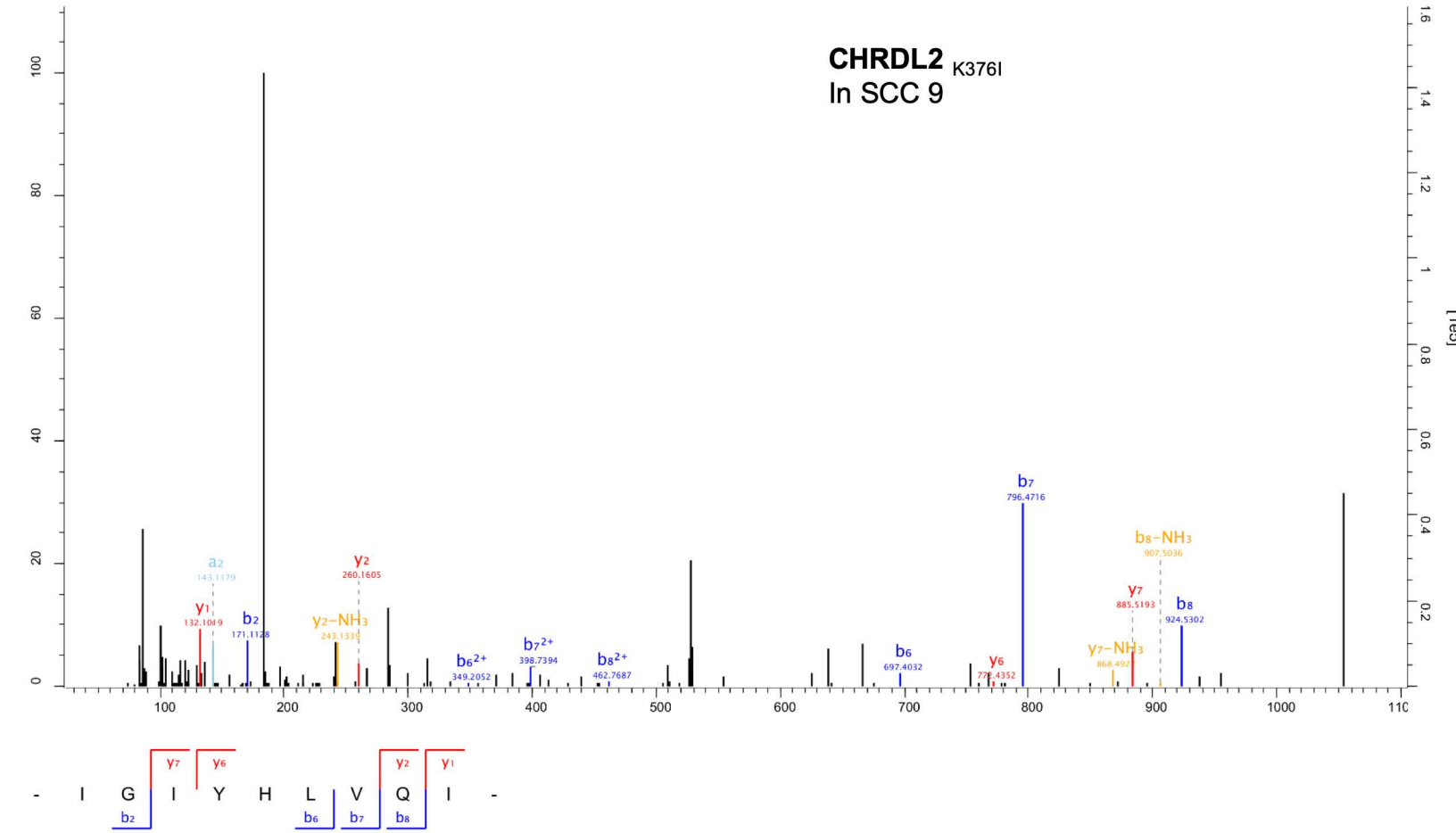

Synthetic NSD3
[1e7]
- K G V G N K T E I -

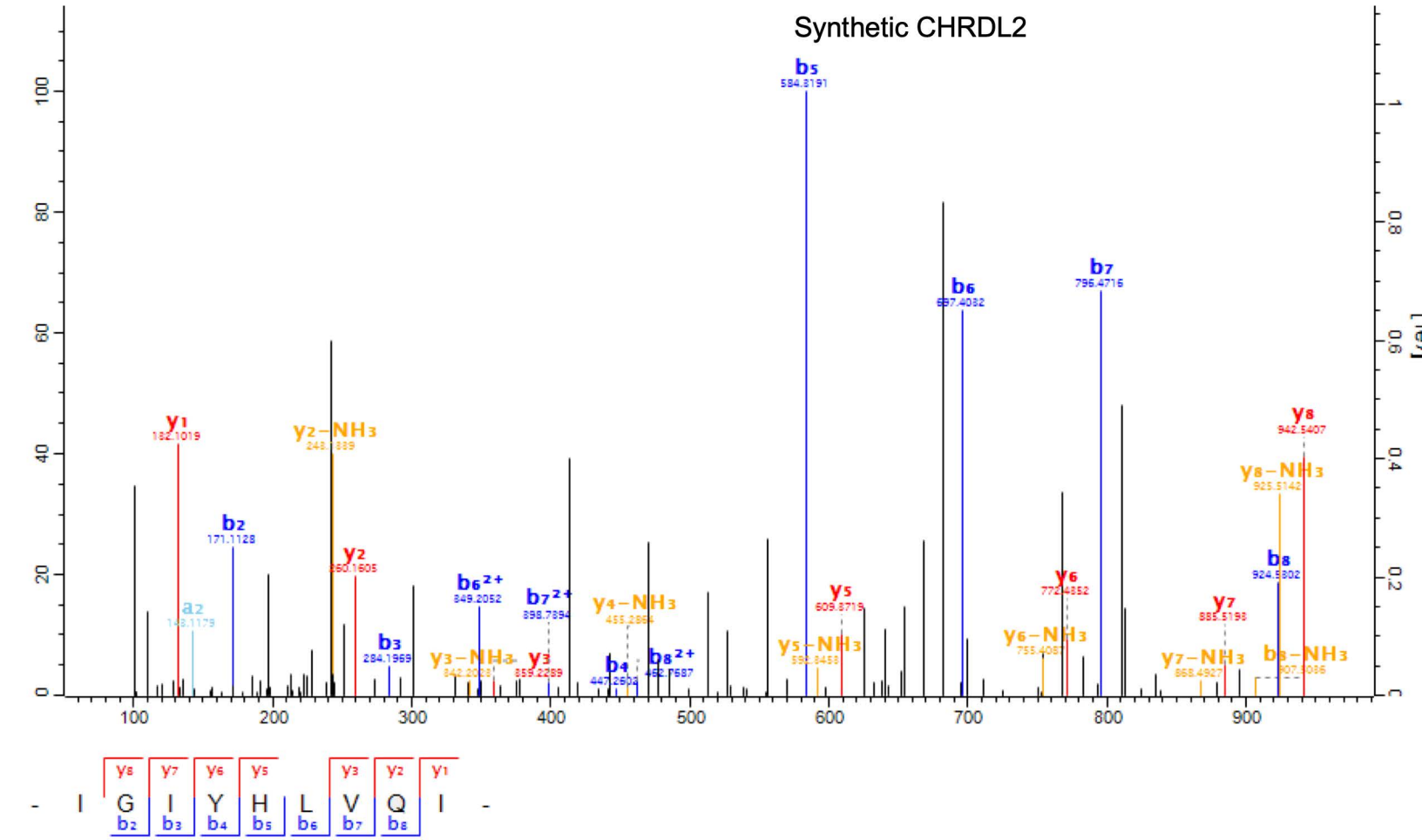

TMEM147 G63V
In SCC 17
b5
638.3184
b4
491.25
b2
213.1598
a2
185.1648
y4
465.2344
b6
751.4025
- V I Y D F I G E F -
b2 b4 b5 b6
y4

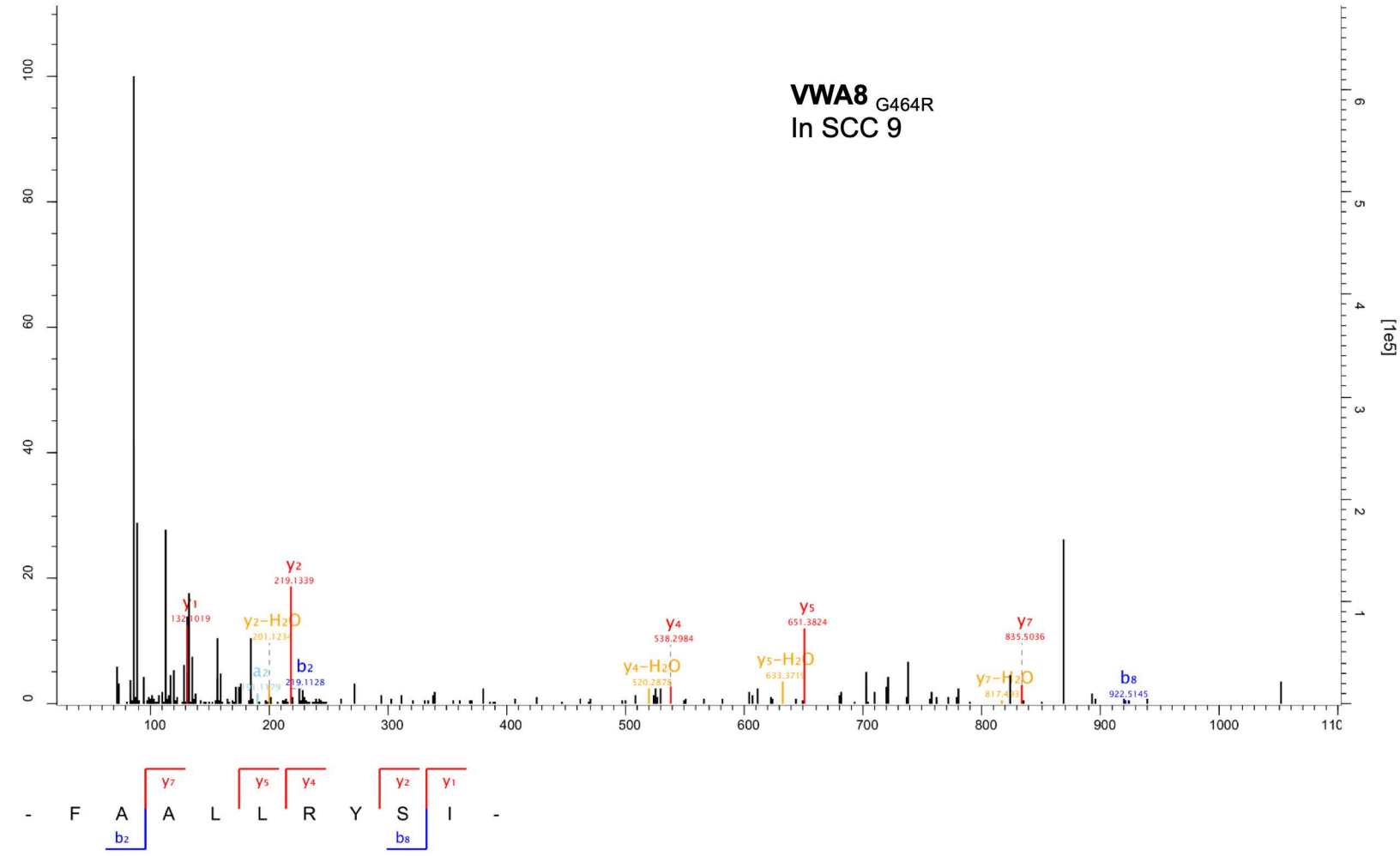

Synthetic TMEM147
y1
166.0863
a2
185.1648
y2−H2O
277.1188
b2
218.1598
y3
852.1508
y3−H2O
884.1897
y2
295.1288
y4
465.2344
b4
491.25
y4−H2O
447.2288
b5
688.3184
b5−H2O
670.3079
b7
808.424
b6
751.4025
b7−H2O
790.4184
y7
890.3981
y7−H2O
872.3825
b8
987.4666
b8−H2O
969.456
[ge]
- V I Y D F I G E F -
b2 b4 b5 b6 b7 b8
y7 y4 y3 y2 y1

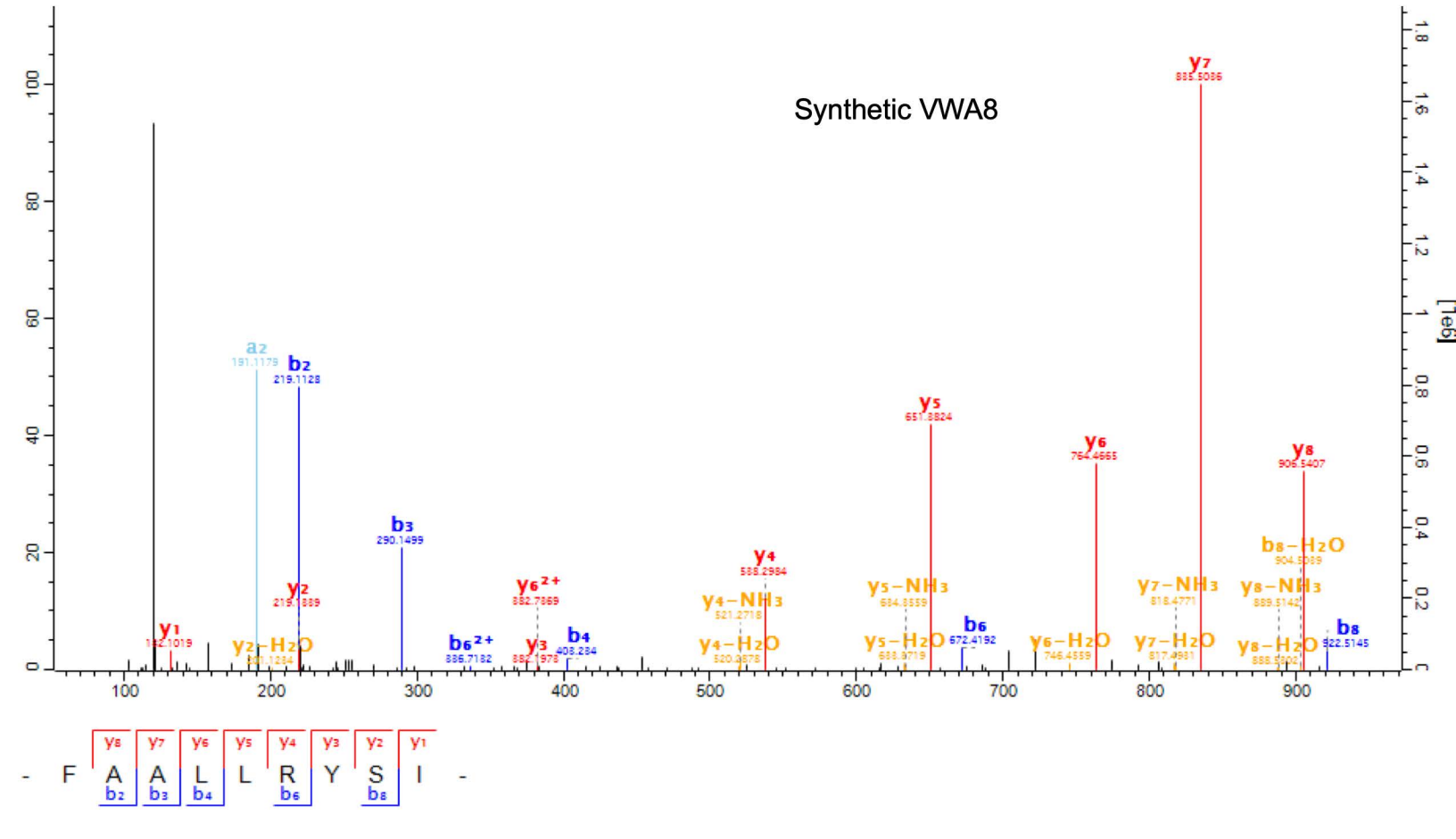

SMC4 K920M
In SCC 9, 17
[1e4]
b4−H2O
355.1976
b5−H2O
486.2381
b6
575.2858
b6−H2O
557.2752
y2
246.1448
b4
373.2082
b5
504.2486
y3
317.1819
b3
272.1605
y2−NH3
229.1185
y3−NH3
300.1554
y5
549.2701
b7−H2O
685.3338
- S A I T M A Q V -
y5
y3
y2
b3
b4
b5
b6

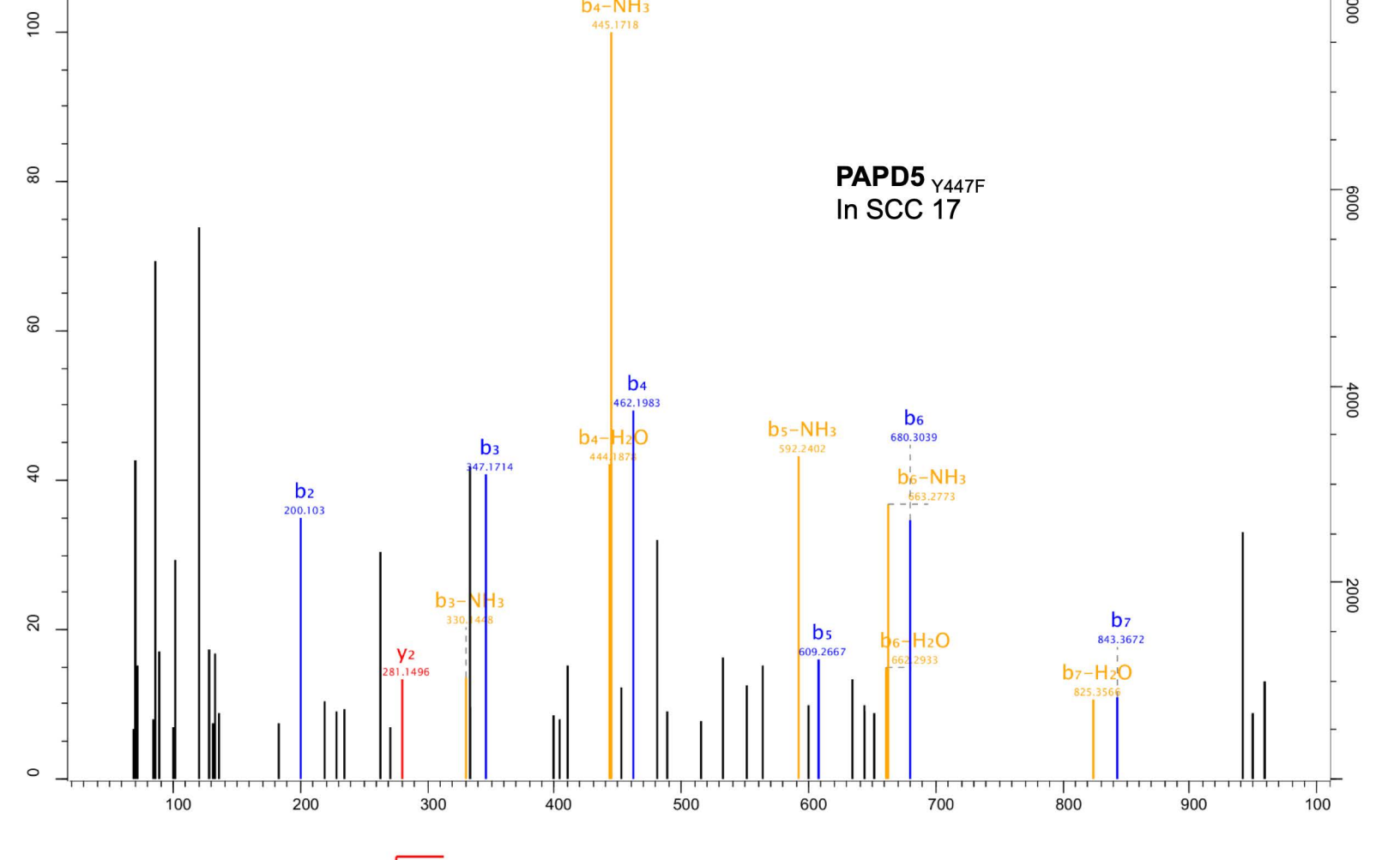

Synthetic SMC4
[1e6]
y1
118.0868
a2
81.0815
y2−NH3
229.1188
b2
159.0764
b4−H2O
355.1976
b4
373.2082
b5−H2O
486.2381
b3
272.1605
b3−H2O
254.1499
y3−NH3
300.1554
b6
575.2858
b5
504.2486
y2
246.1448
b6−H2O
557.2752
b7−H2O
685.3338
y3
317.1819
y5
549.2701
y6−NH3
645.3276
y5−H2O
531.2595
y6−H2O
644.3436
y6
662.3541
b7
- S A I T M A Q V -
y6
y5
y3
y2
y1
b2
b3
b4
b5
b6
b7

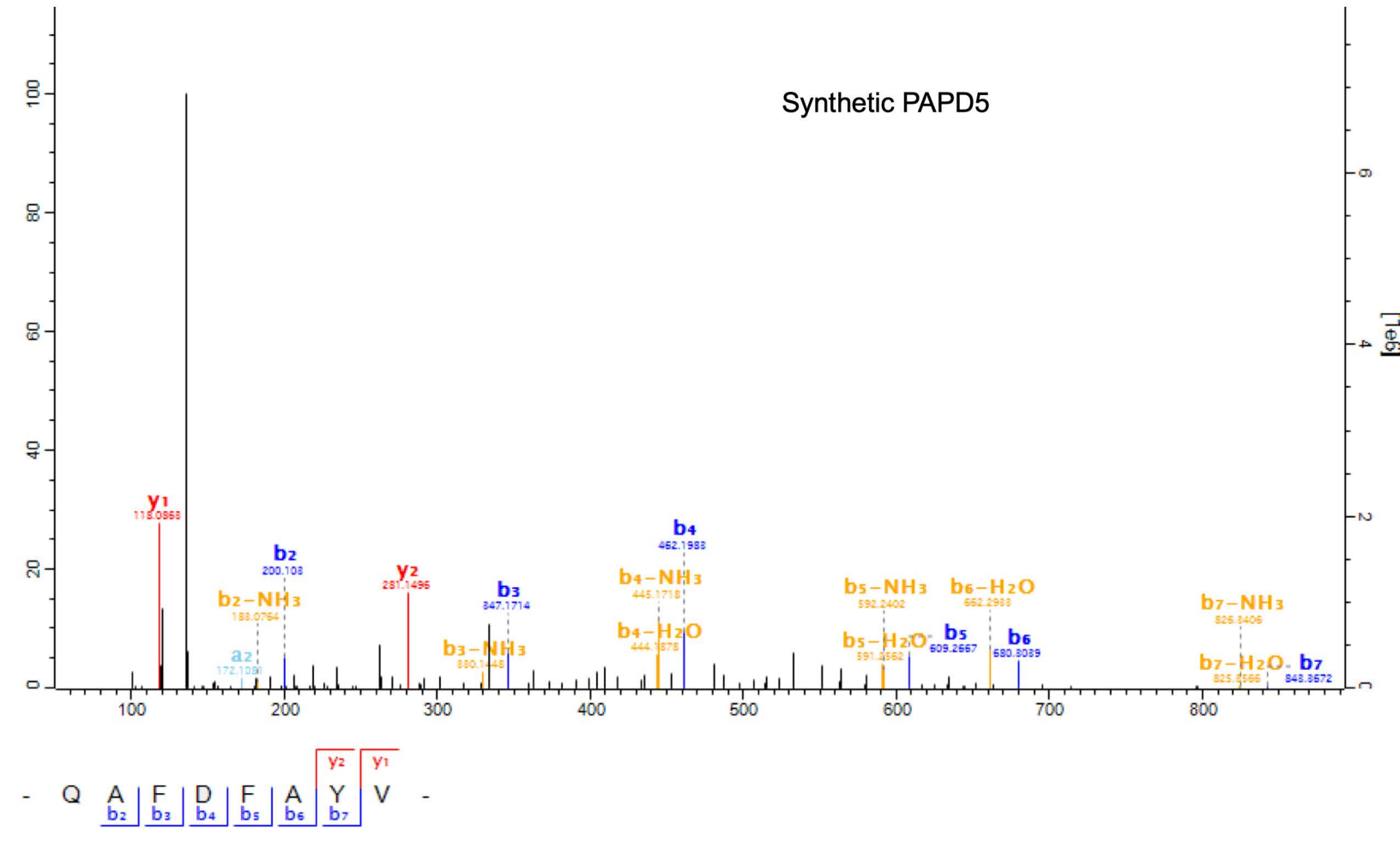

CHRDL2 K376I
In SCC 9
b7 796.4716
b8−NH3 907.5036
y2 260.1605
a2 143.1179
y1 132.1019
b2 171.1128
y2−NH3 243.1339
y7 885.5193
b8 924.5302
b6 697.4032
y6 772.4352
y7−NH3 868.4927
b6 2+ 349.2052
b7 2+ 398.7394
b8 2+ 462.7687
- I G I Y H L V Q I -

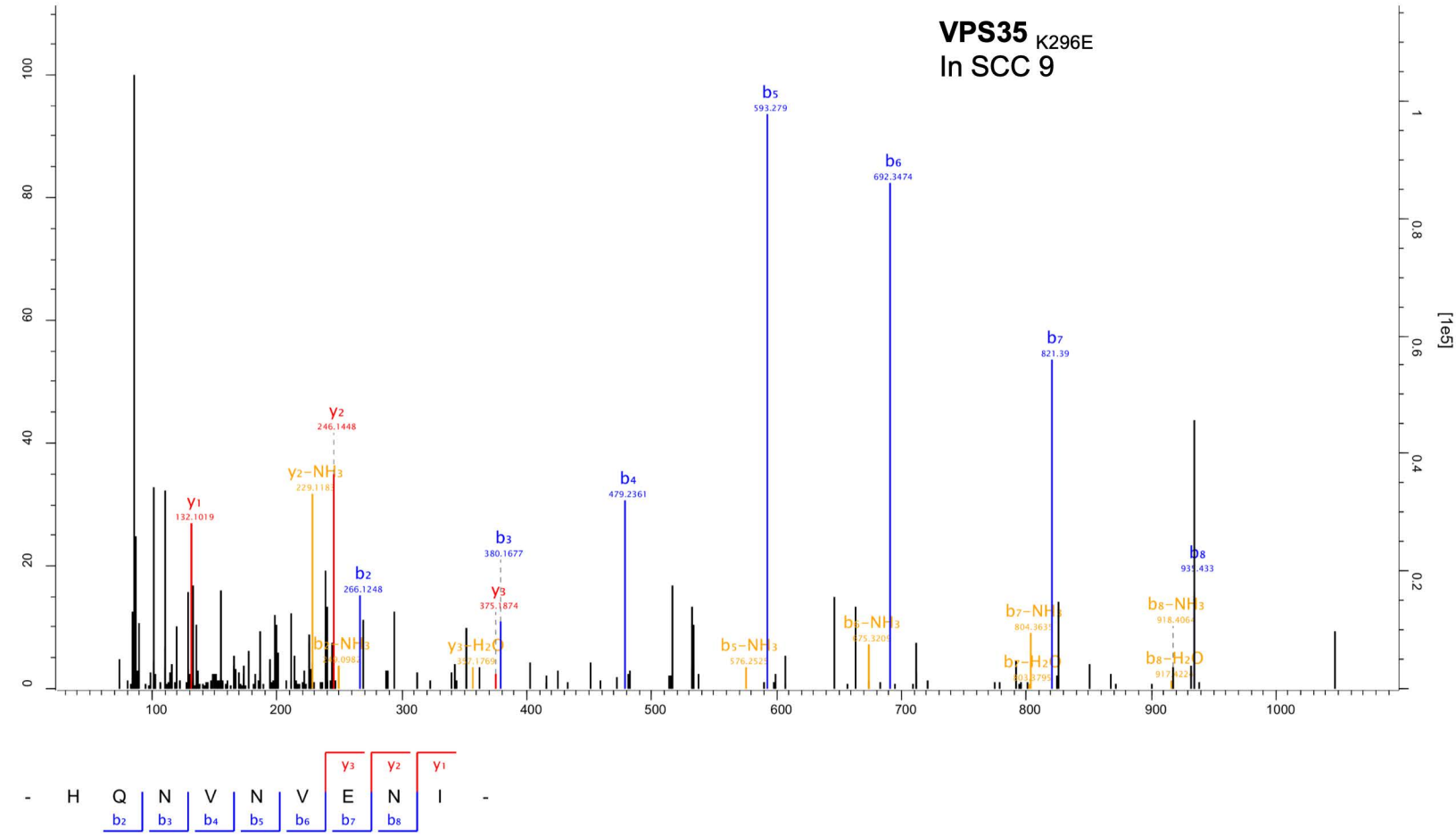

Synthetic CHRDL2
b5 584.8191
b6 697.4032
b7 796.4716
y1 182.1019
y2−NH3 248.1389
b2 171.1128
y2 260.1605
a2 143.1179
b6 2+ 349.2052
b7 2+ 398.7394
y4−NH3 455.2864
b3 284.1969
y3−NH3 342.2028
y3 359.2289
b4 447.2604
b8 2+ 462.7687
y5 609.3719
y5−NH3 592.3453
y6 772.4352
y6−NH3 755.4087
y7 885.5198
y7−NH3 868.4927
y8 942.5407
y8−NH3 925.5142
b8 924.5302
b8−NH3 907.5036
- I G I Y H L V Q I -


VWA8 G464R
In SCC 9
[1e5]
- F A A L L R Y S I -

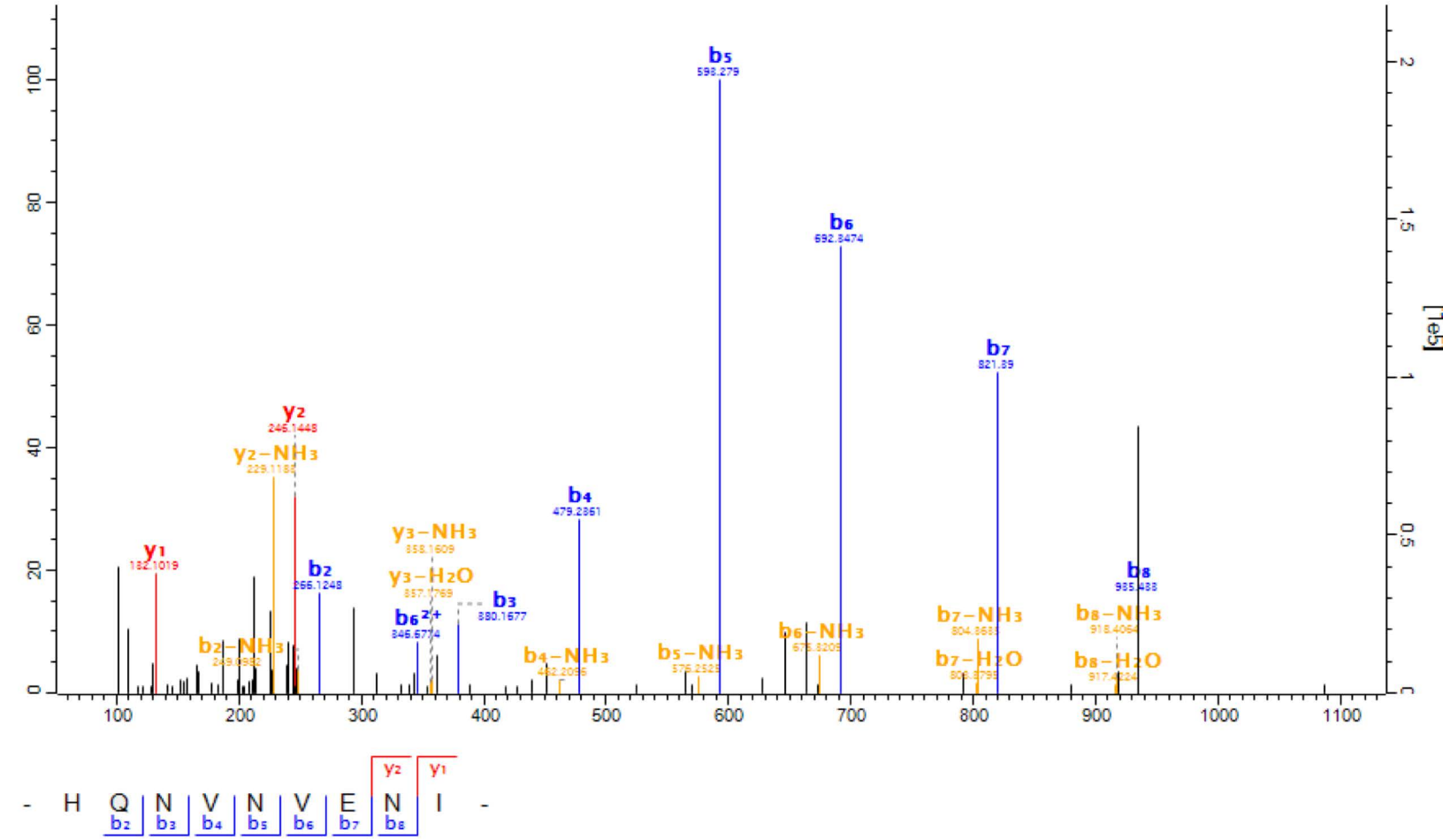

Synthetic VWA8
[1e6]
- F A A L L R Y S I -

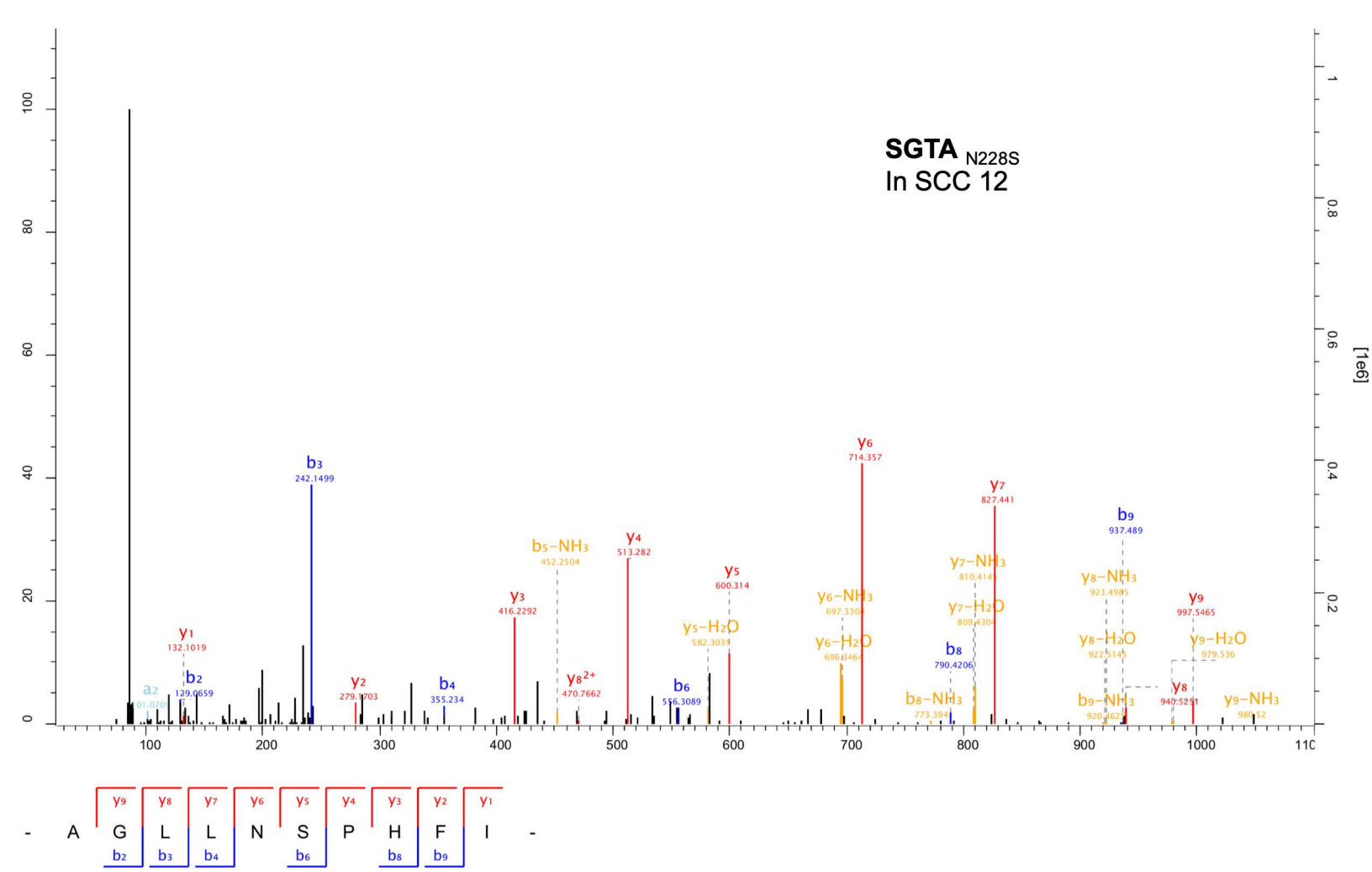

PAPD5 Y447F
In SCC 17
b4−NH3
445.1718
b4
462.1983
b4−H2O
444.1878
b3
347.1714
b2
200.103
b3−NH3
330.1448
y2
281.1496
b5−NH3
592.2402
b6
680.3039
b6−NH3
663.2773
b5
609.2667
b6−H2O
662.2933
b7
843.3672
b7−H2O
825.3566
- Q A F D F A Y V -
b2 b3 b4 b5 b6 b7
y2


Synthetic PAPD5
y1
118.0868
b2
200.108
b2−NH3
188.0764
a2
172.1089
y2
281.1496
b3
347.1714
b3−NH3
330.1448
b4
462.1988
b4−NH3
445.1718
b4−H2O
444.1878
b5−NH3
592.2402
b5−H2O
591.2562
b5
609.2667
b6−H2O
662.2983
b6
680.3089
b7−NH3
826.3406
b7−H2O
825.3566
b7
843.3672
- Q A F D F A Y V -
b2 b3 b4 b5 b6 b7
y2 y1

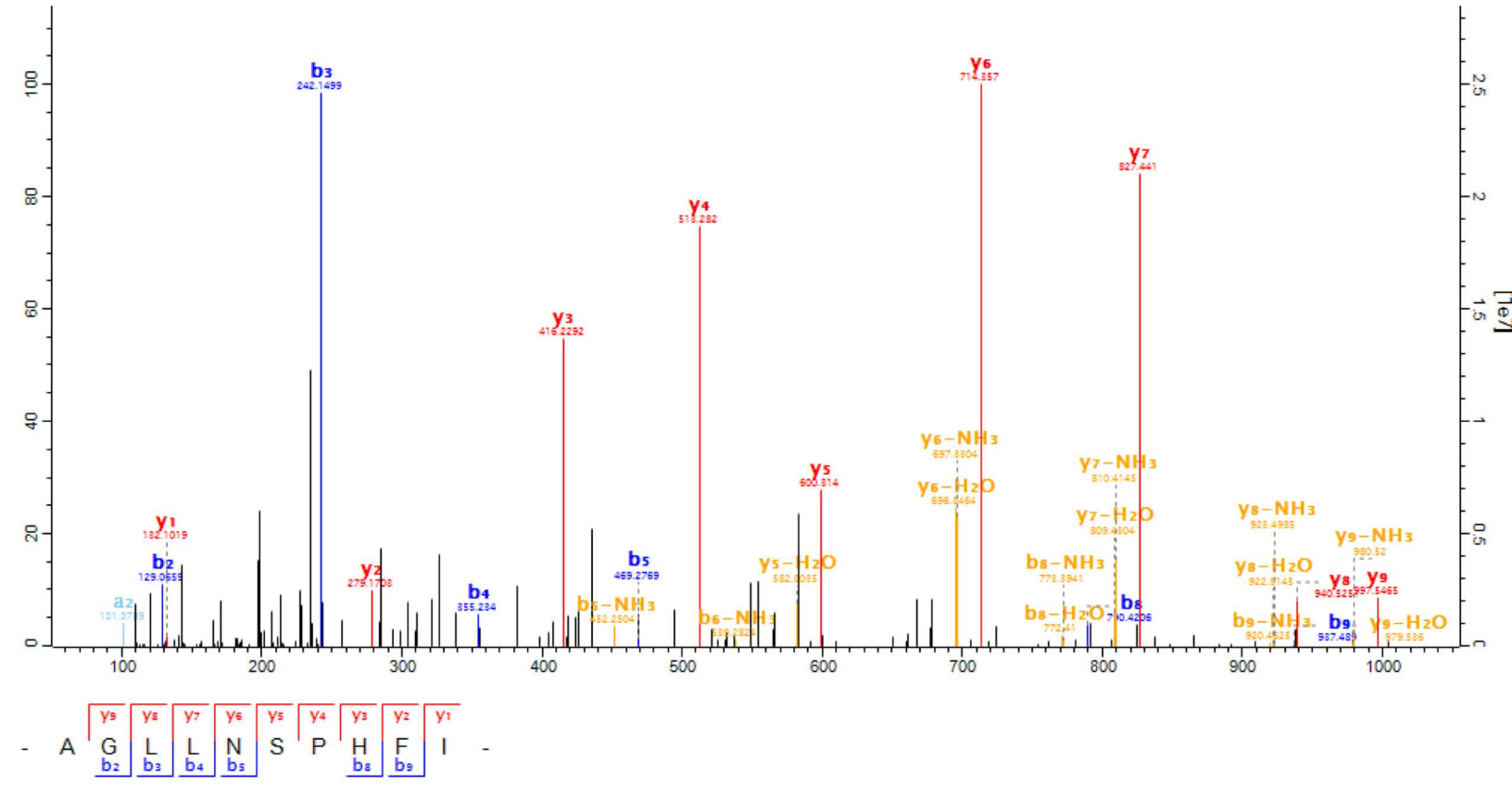


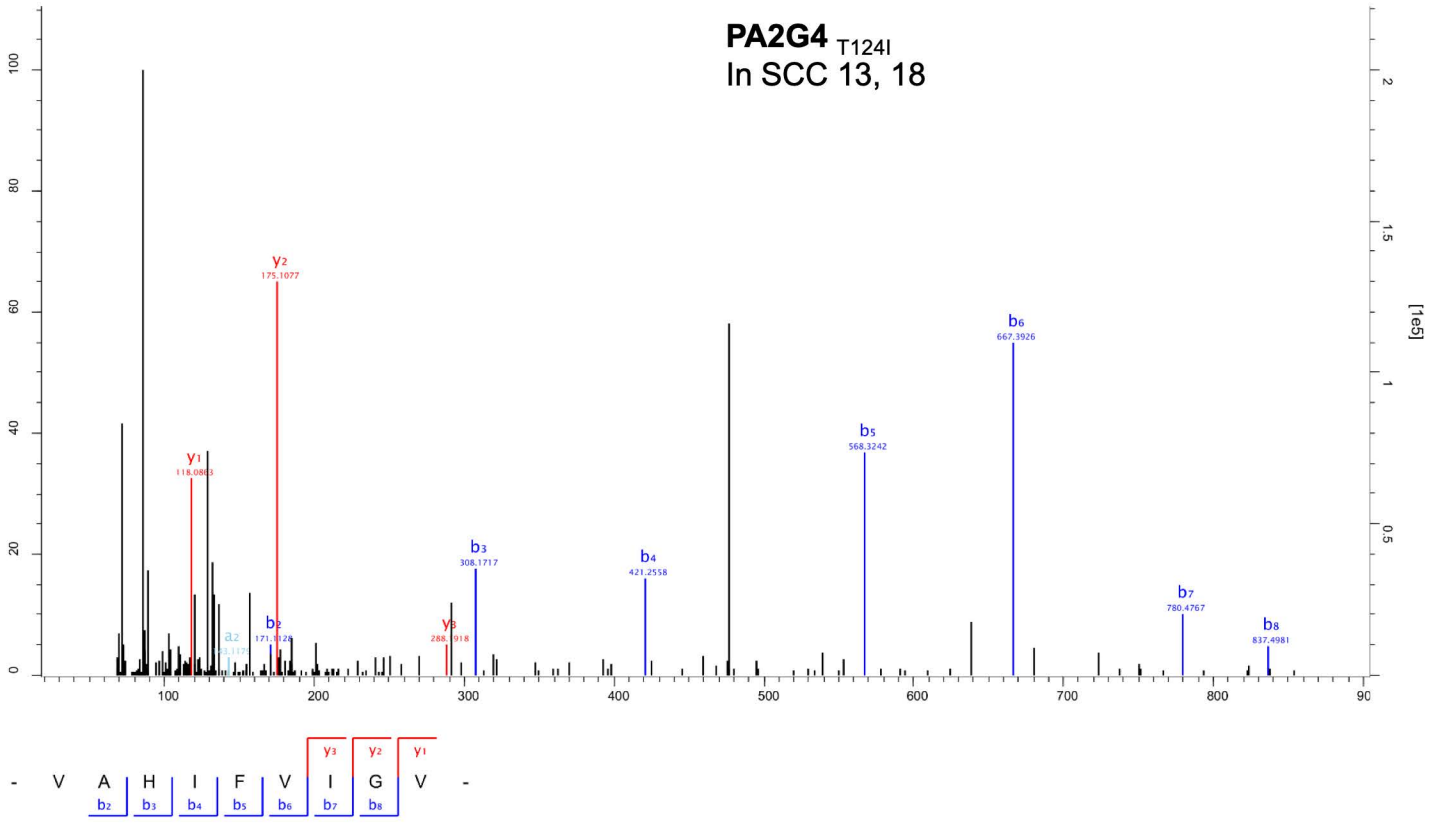
Synthetic VPS35

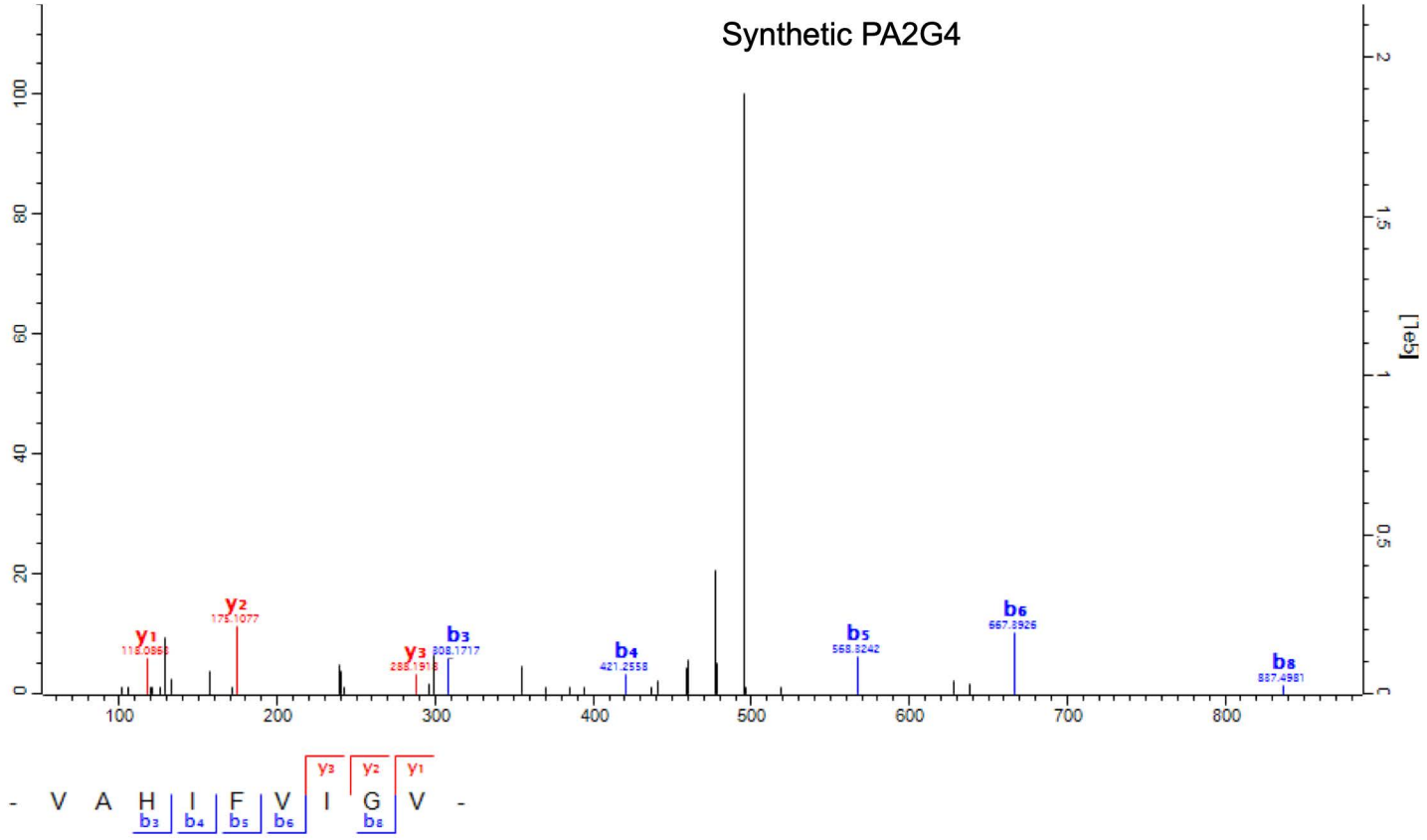


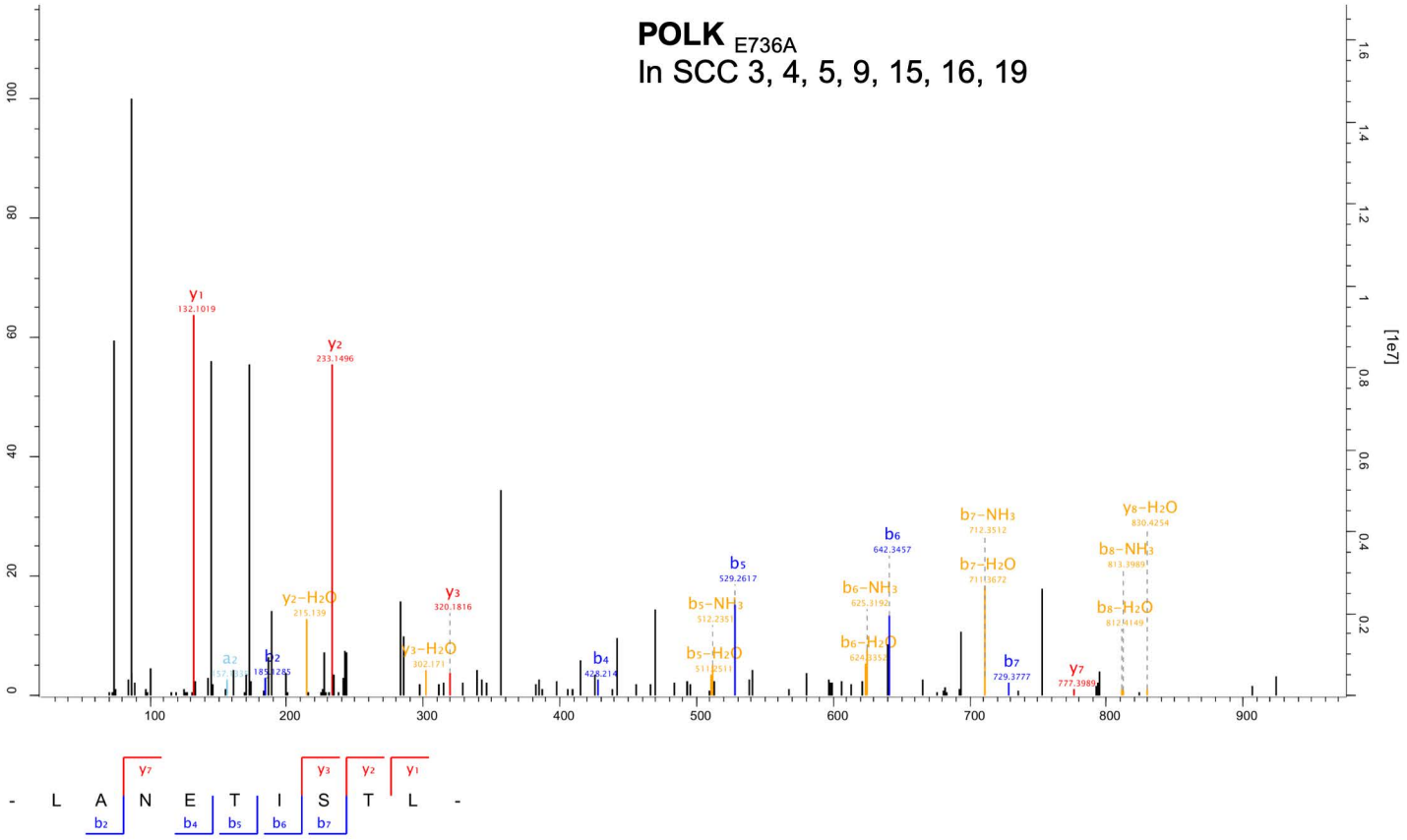


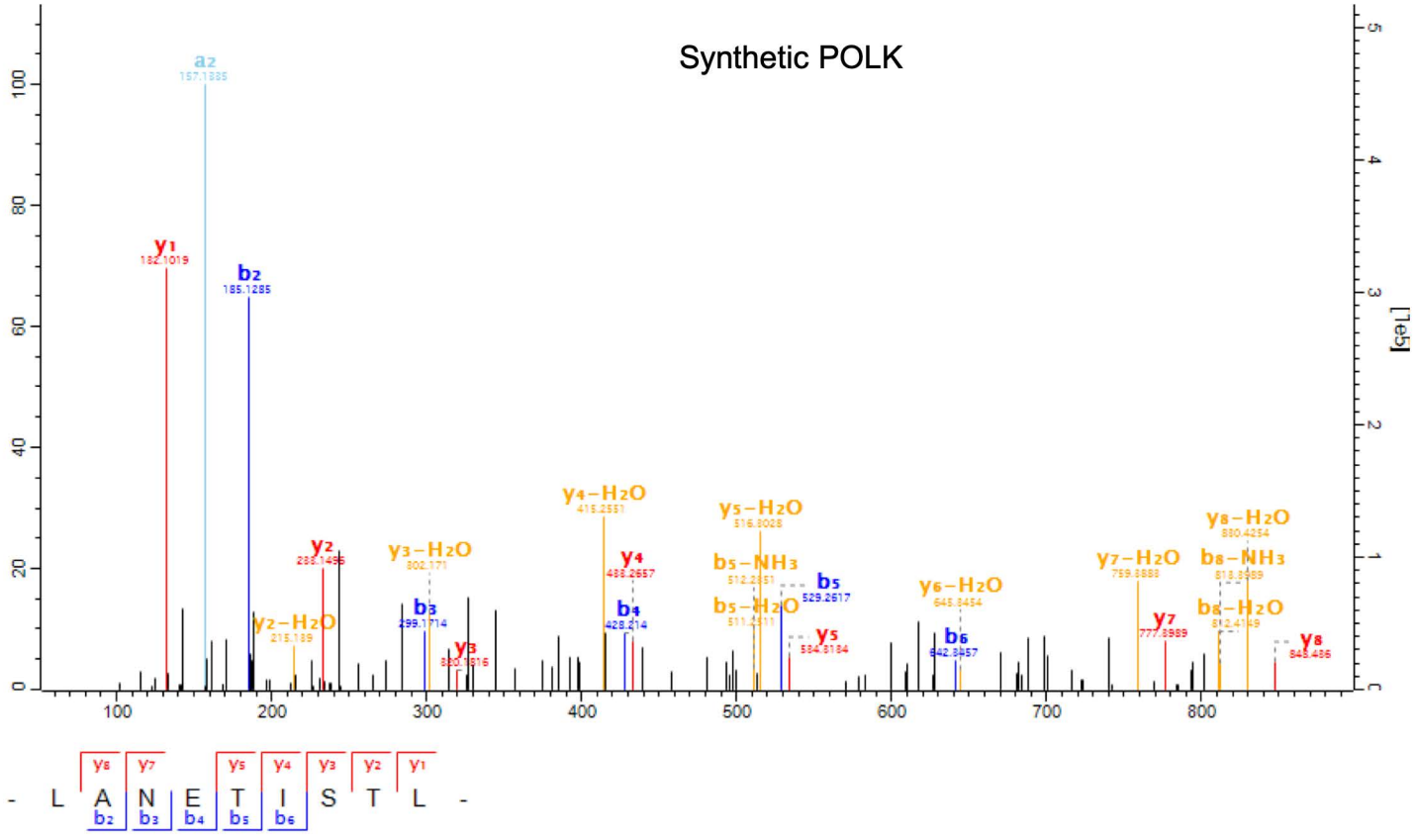
Synthetic SGTA

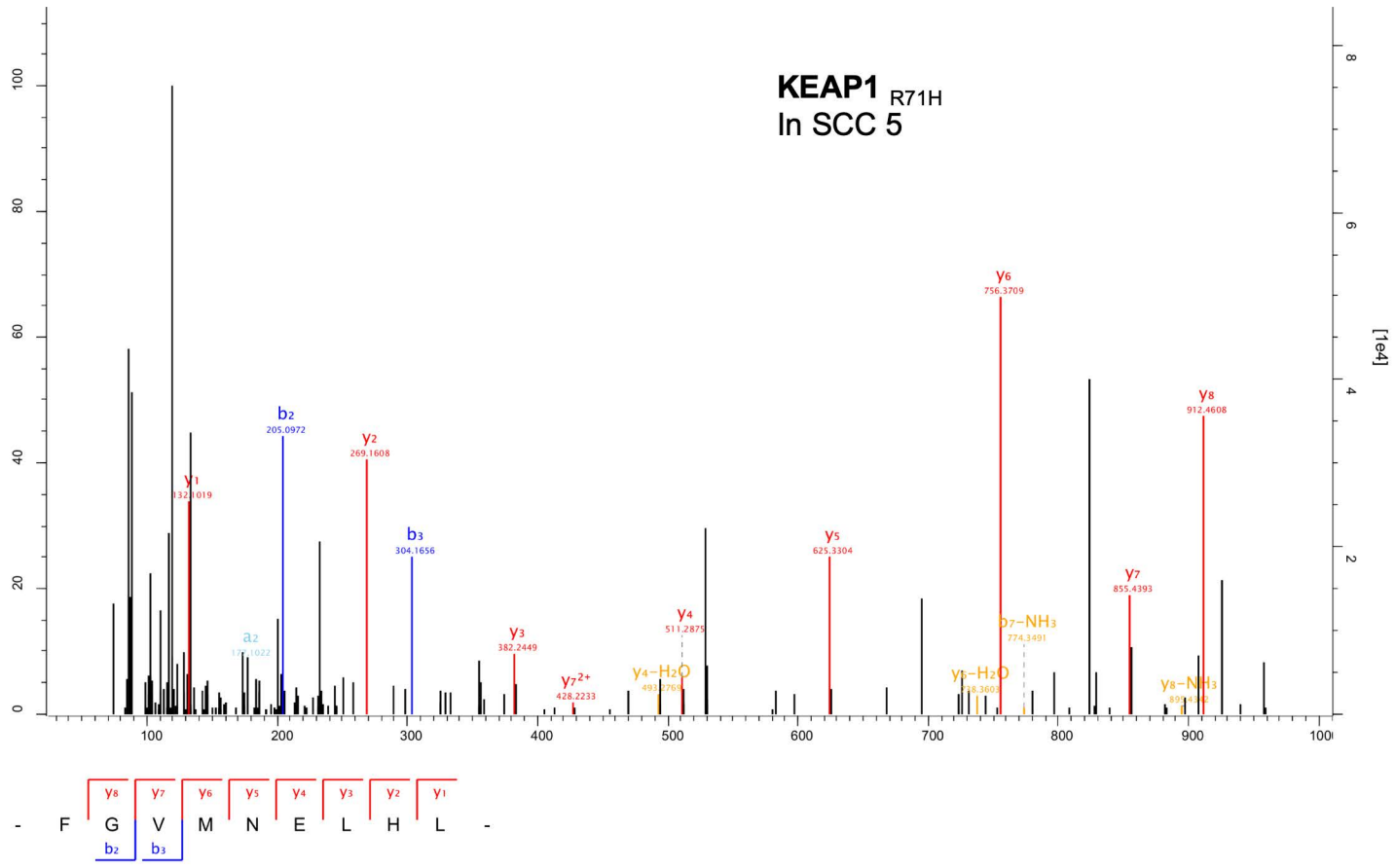


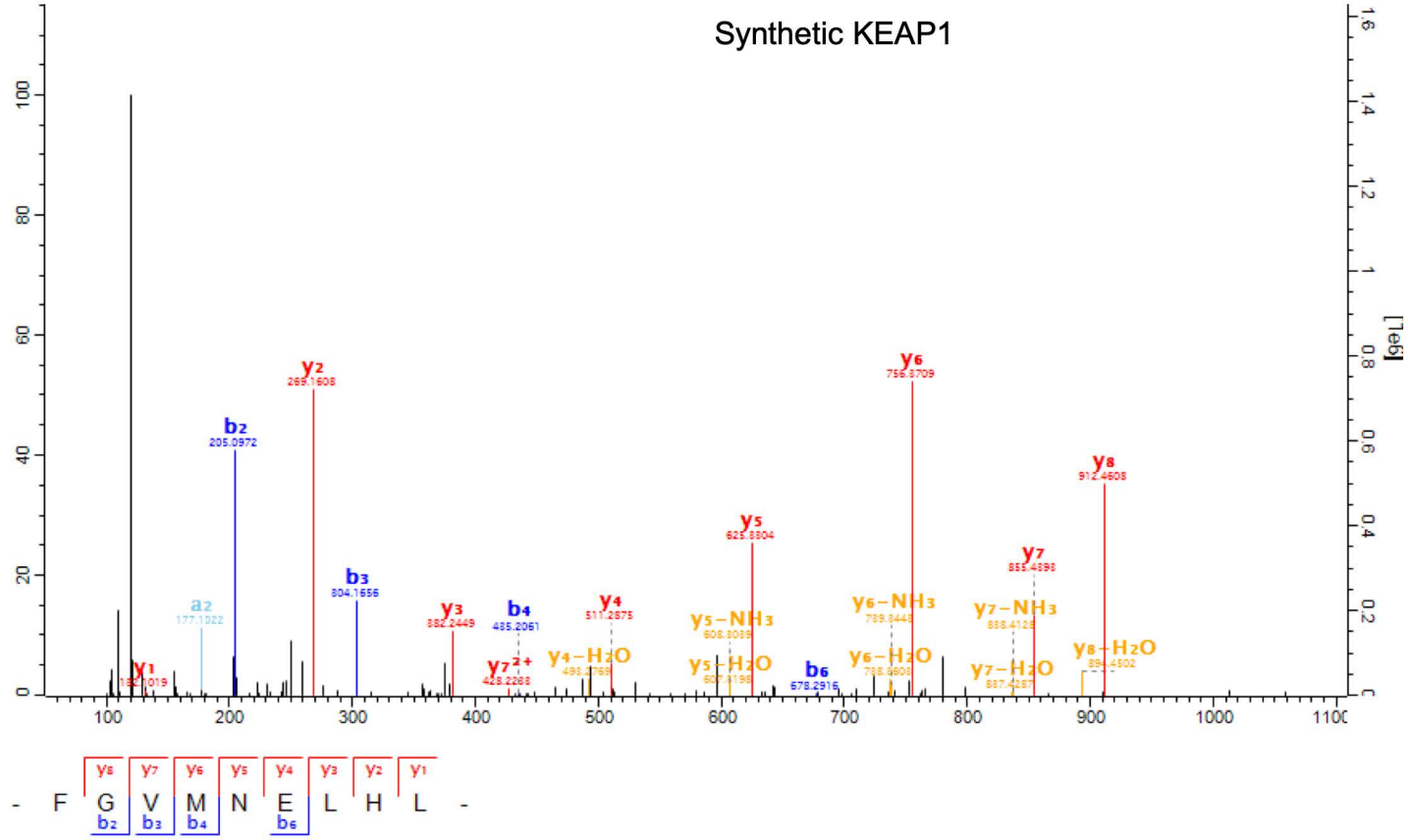

PA2G4 T124I
In SCC 13, 18
y2
175.1077
y1
118.0863
b3
308.1717
b2
171.1026
y3
288.1918
b4
421.2558
b5
568.3242
b6
667.3926
b7
780.4767
b8
837.4981
[1e5]
- V A H I F V I G V -

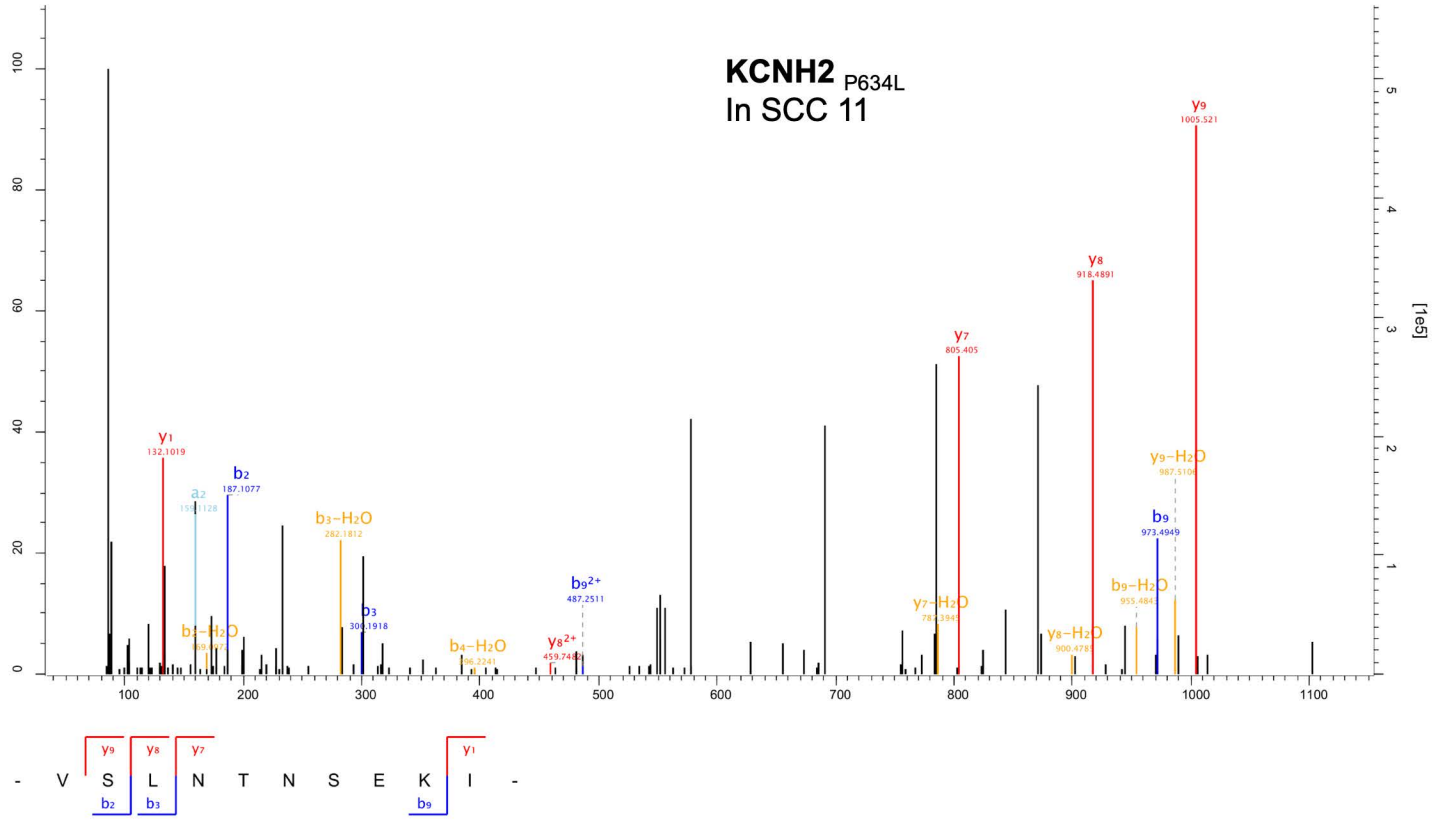

Synthetic PA2G4
y2
175.1077
y1
118.0863
b3
308.1717
y3
288.1918
b4
421.2558
b5
568.3242
b6
667.3926
b8
837.4981
[1e5]
- V A H I F V I G V -

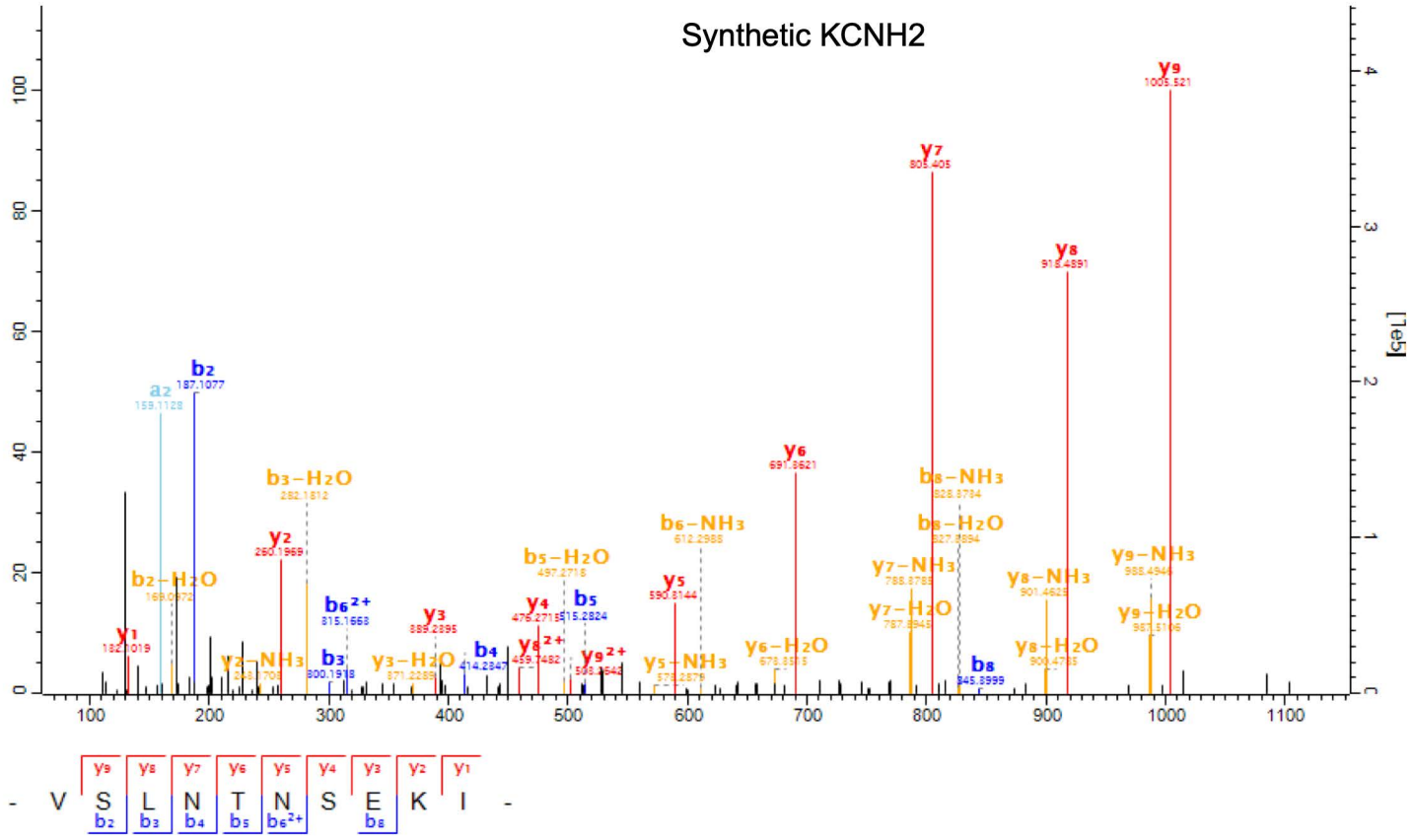

POLK E736A
In SCC 3, 4, 5, 9, 15, 16, 19
[1e7]
- L A N E T I S T L -

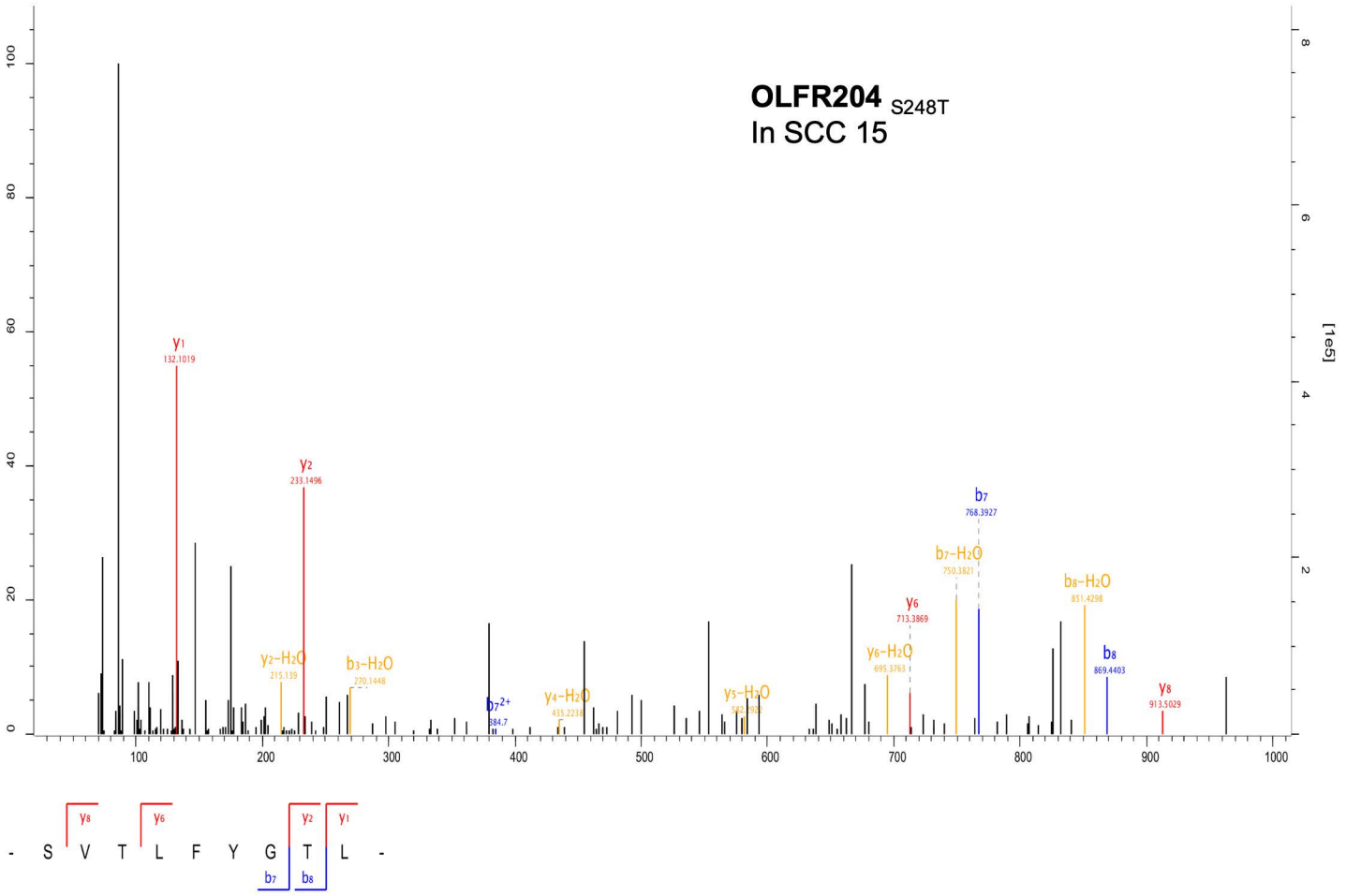

Synthetic POLK
[1e5]
- L A N E T I S T L -

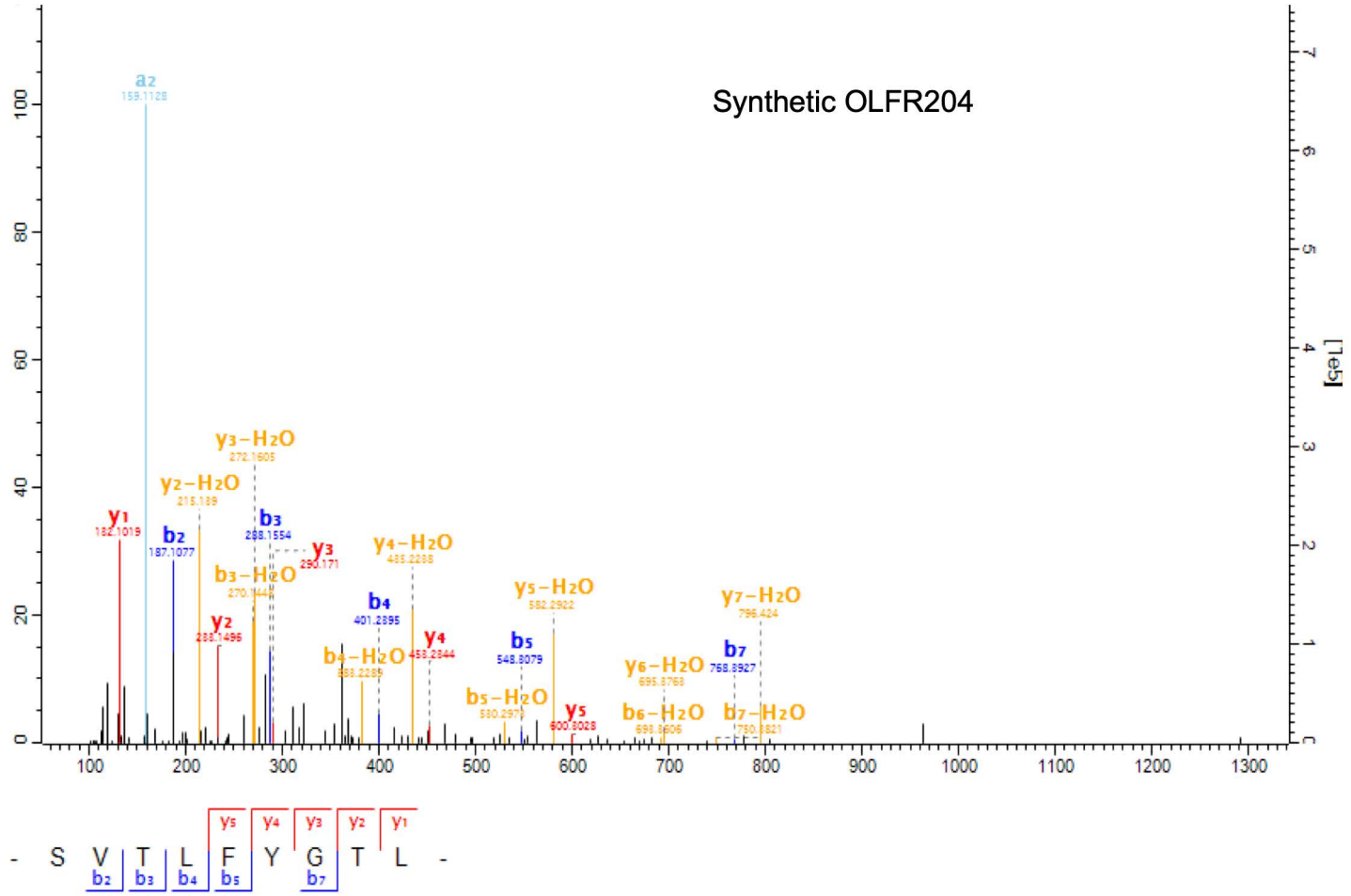

KEAP1 R71H
In SCC 5
[1e4]
y6 756.3709
y8 912.4608
b2 205.0972
y2 269.1608
y1 132.1019
b3 304.1656
y5 625.3304
y7 855.4393
y4 511.2875
y3 382.2449
a2 175.1022
y7 2+ 428.2233
y4−H2O
b7−NH3 774.3491
y8−NH3
- F G V M N E L H L -
b2 b3

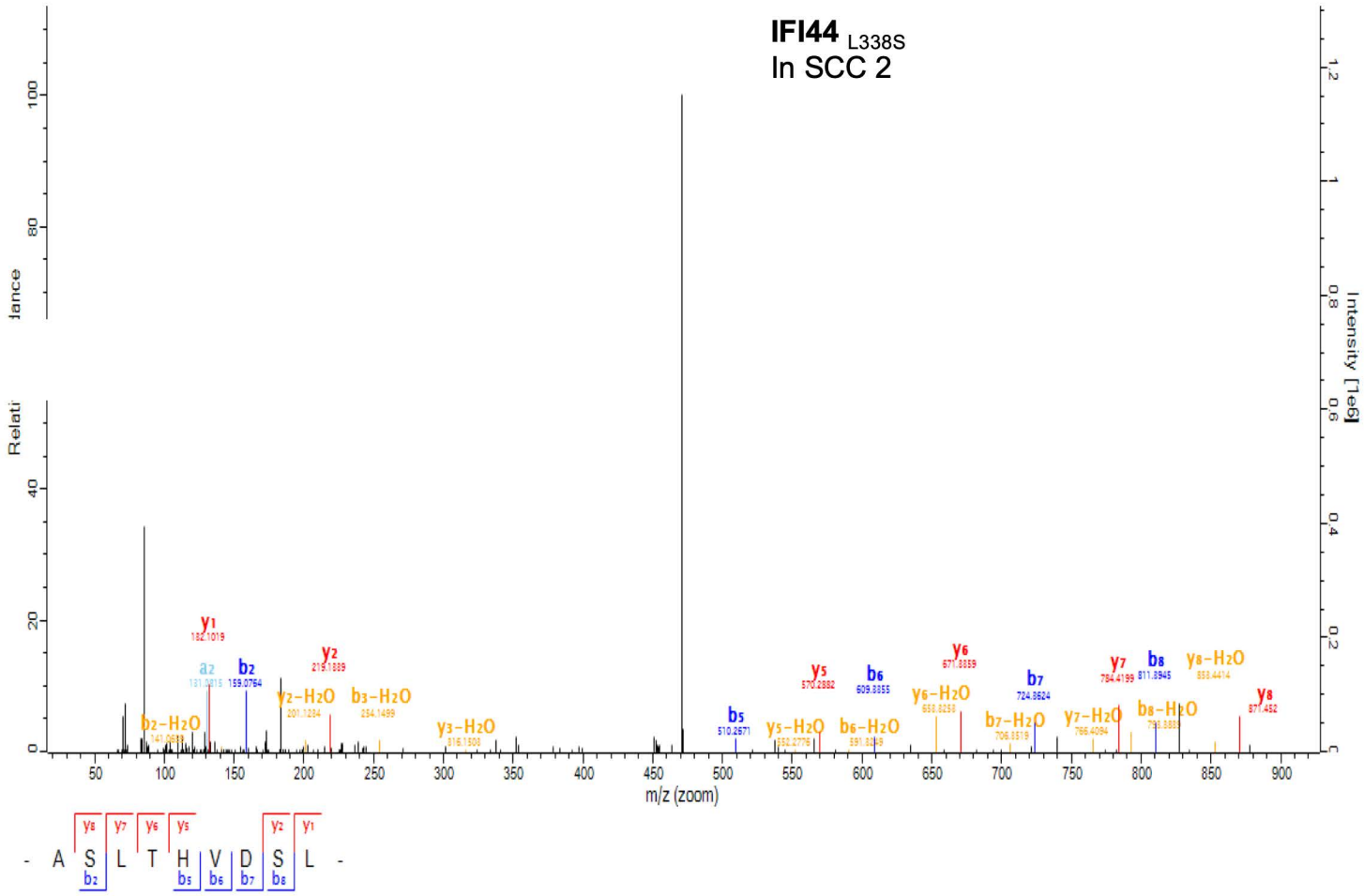

Synthetic KEAP1
[1e6]
y2 269.1608
y6 756.3709
b2 205.0972
y8 912.4608
y5 625.3304
b3 304.1656
y7 855.4393
a2 175.1022
y3 382.2449
b4 485.2061
y4 511.2875
y5−NH3
y6−NH3
y7−NH3
y8−H2O
y1 132.1019
y7 2+ 428.2268
y4−H2O
y5−H2O
b6 678.2915
y6−H2O
y7−H2O
- F G V M N E L H L -
b2 b3 b4 b6

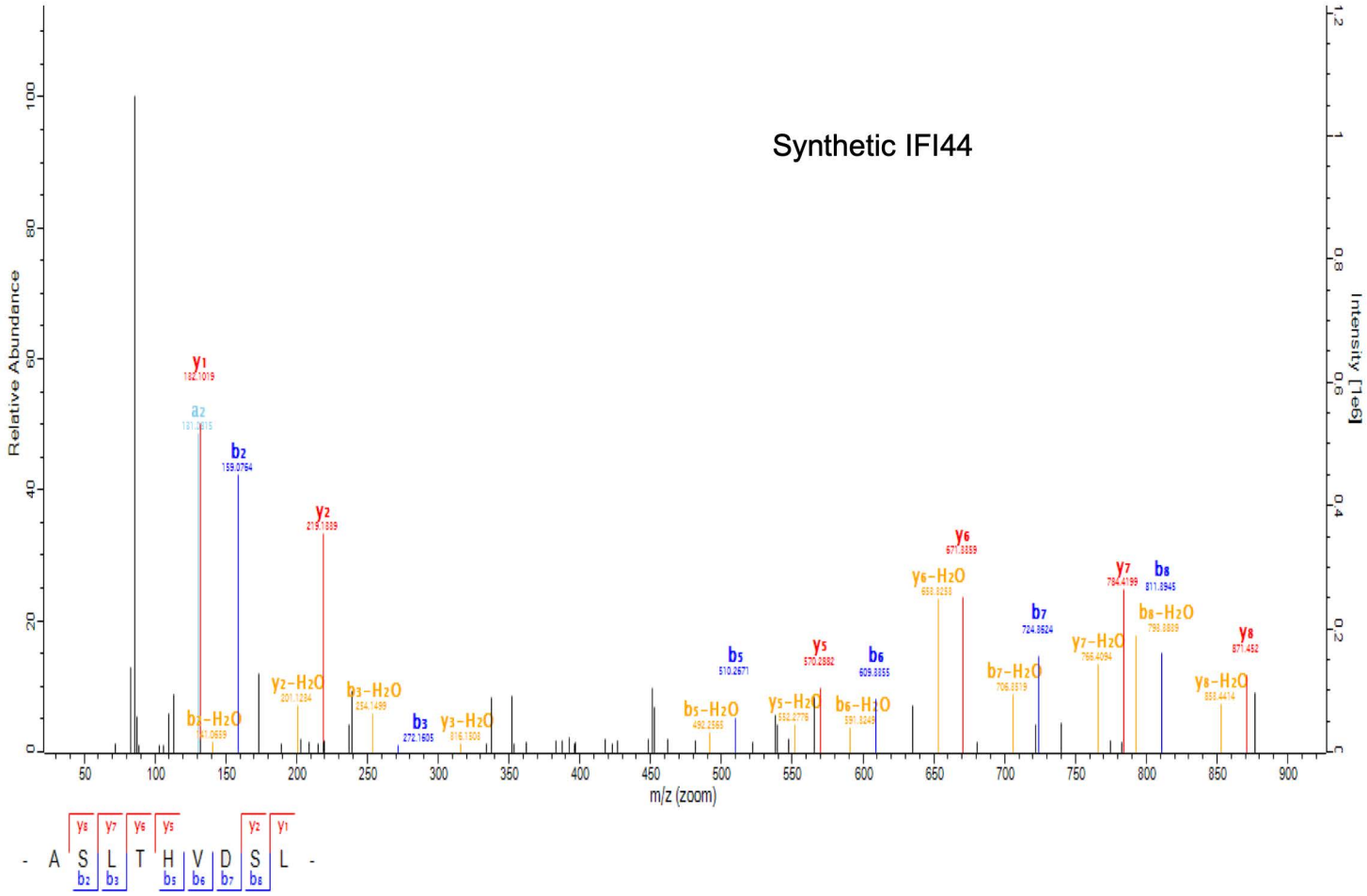

KCNH2 P634L
In SCC 11
[1e5]
- V S L N T N S E K I -

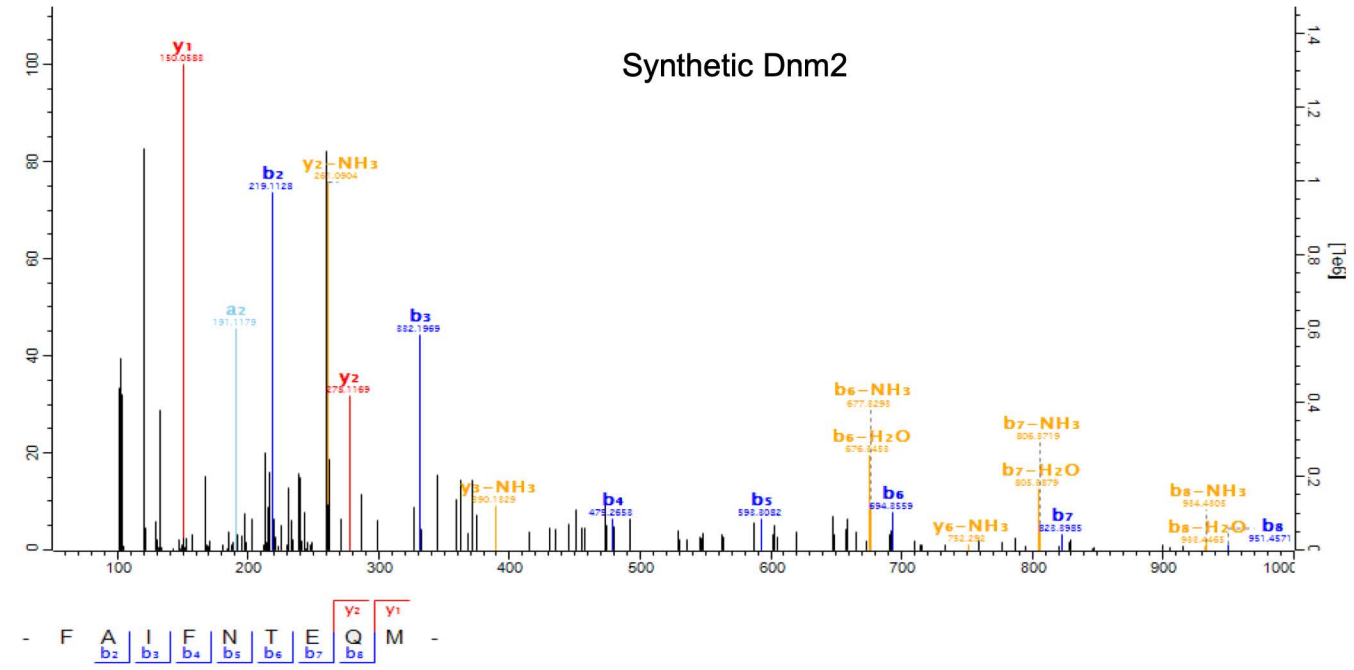

Synthetic KCNH2
[1e5]
- V S L N T N S E K I -

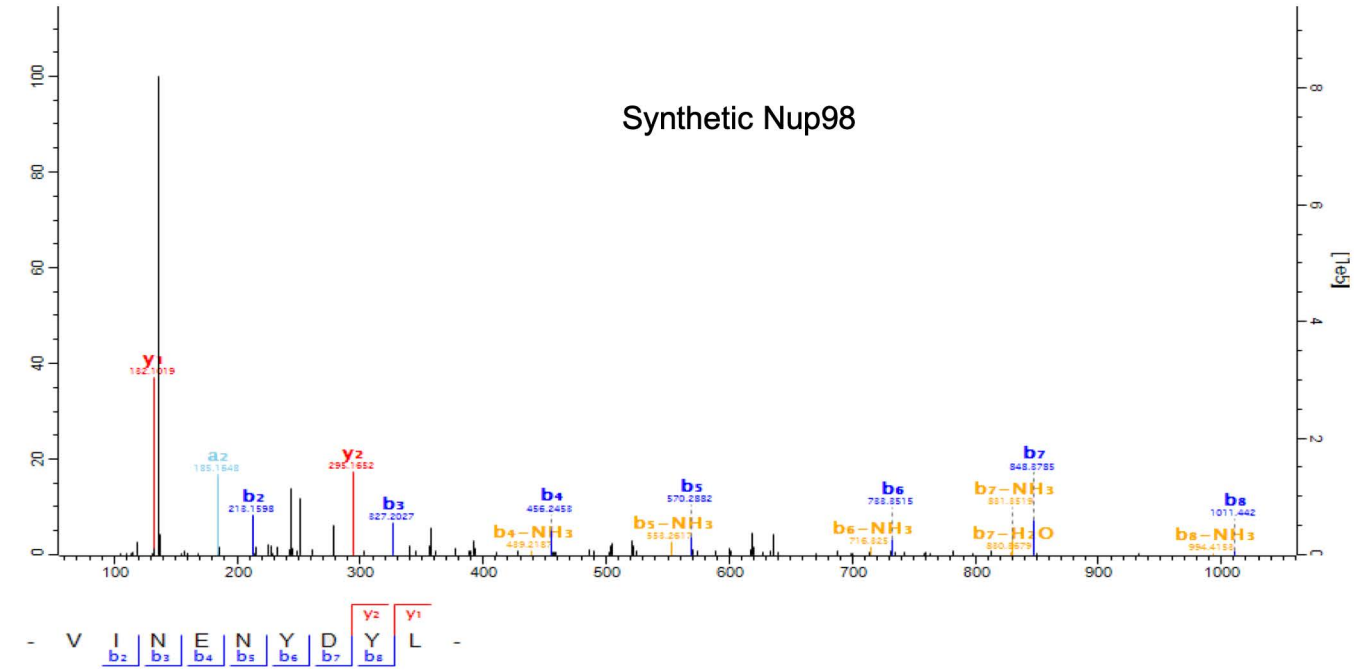

OLFR204 S248T
In SCC 15
[1e5]
y1 132.1019
y2 233.1496
y2−H2O 215.139
b3−H2O 270.1448
b7 768.3927
b7−H2O 750.3821
b8−H2O 851.4298
y6 713.3869
y6−H2O 695.3763
b8 869.4403
y8 913.5029
y4−H2O 435.2238
y5−H2O
b7 2+ 384.7
- S V T L F Y G T L -
y8 y6 y2 y1
b7 b8

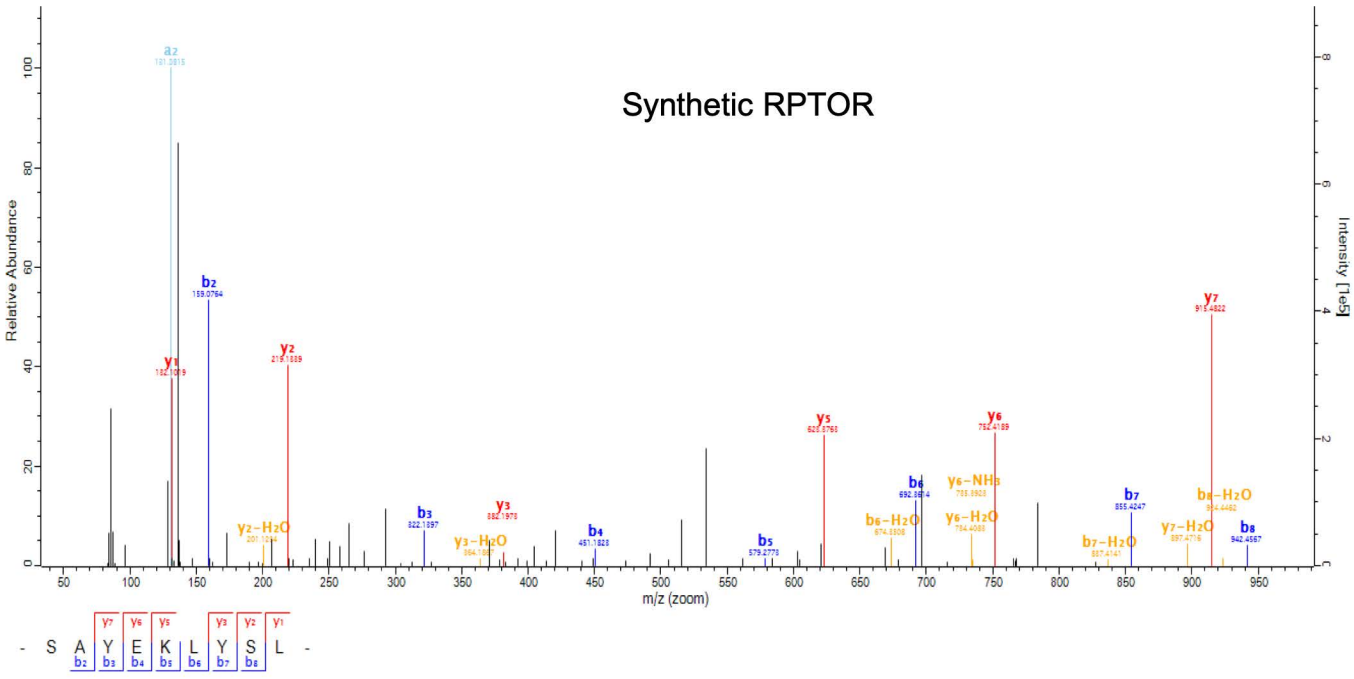

Synthetic OLFR204
[1e5]
a2 159.1128
y3−H2O 272.1605
y2−H2O 215.189
y1 182.1019
b2 187.1077
b3 288.1554
y3 290.171
b3−H2O 270.1444
y2 233.1496
y4−H2O 435.2238
b4 401.2395
y4 458.2844
b4−H2O 383.2289
y5−H2O 582.2922
b5 548.3079
y7−H2O 796.424
y6−H2O 695.3768
b7 768.3927
b5−H2O 530.2973
y5 600.3028
b6−H2O 698.3606
b7−H2O 750.3821
- S V T L F Y G T L -
y5 y4 y3 y2 y1
b2 b3 b4 b5 b7


IFI44 L338S
In SCC 2
Intensity [1e6]
m/z (zoom)
- A S L T H V D S L -


Synthetic IFI44
Relative Abundance
Intensity [1e6]
m/z (zoom)
- A S L T H V D S L -


Synthetic Dnm2
[1e6]
- F A I F N T E Q M -


Synthetic Nup98
[1e6]
- V I N E N Y D Y L -


Synthetic RPTOR
Relative Abundance
Intensity [1e6]
m/z (zoom)
- S A Y E K L Y S L -