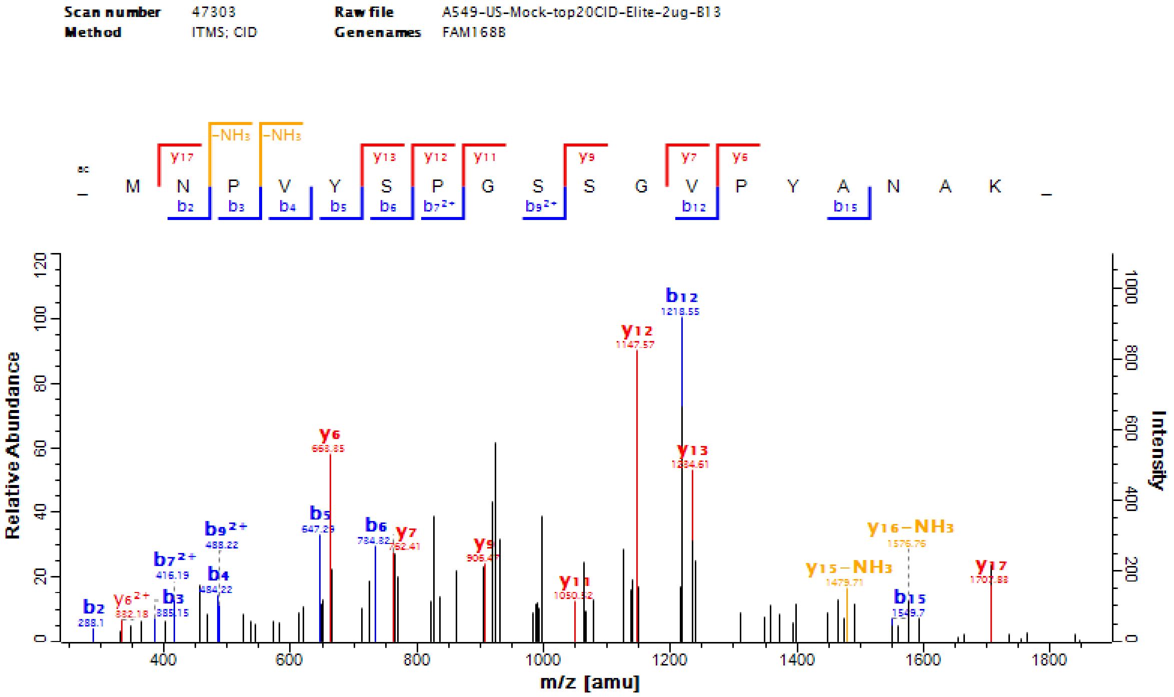
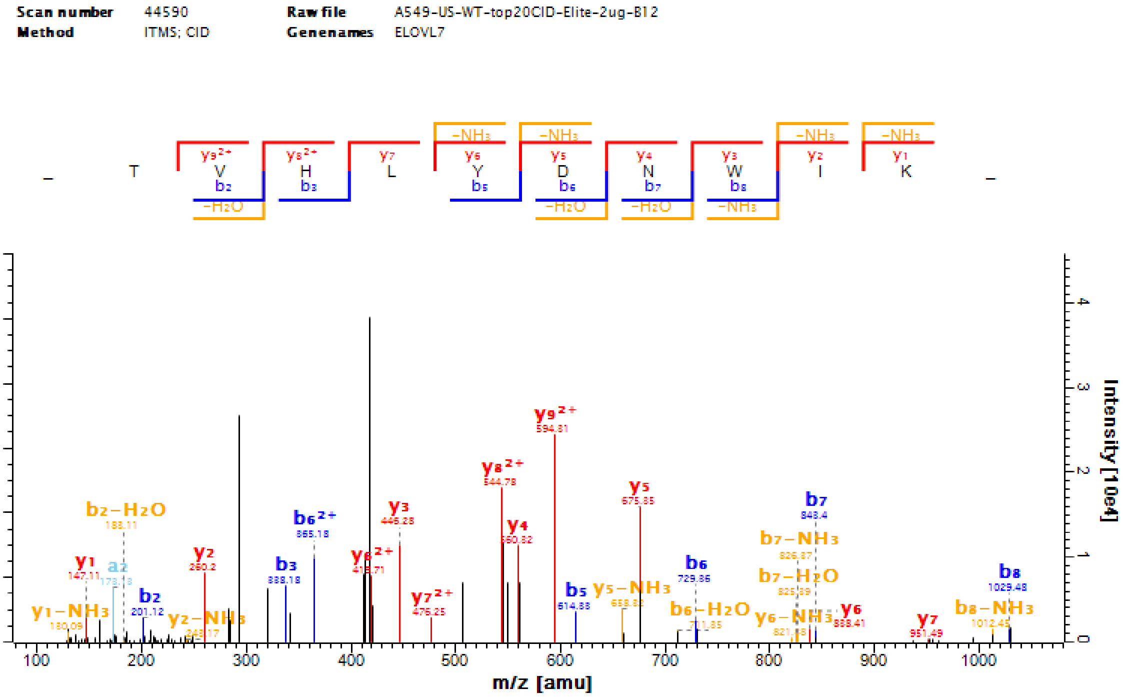
Supplemental Fig. 5. Annotated spectra for single peptide identifications in the protein fractionation-free workflow in addition to those presented in supplemental Fig. 3. Where multiple spectra match the peptide sequence, the annotated spectrum corresponding to the best match is reported.

Protein Group ID: 6
Protein Accession Numbers: A1KXE4; A1KXE4-2
Gene Names: FAM168B
Peptide Sequence: MNPVYSPGSSGVPYANAK
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 86.455
Best Match Posterior Error Probability: 0.00074526
Best Match Spectrum:

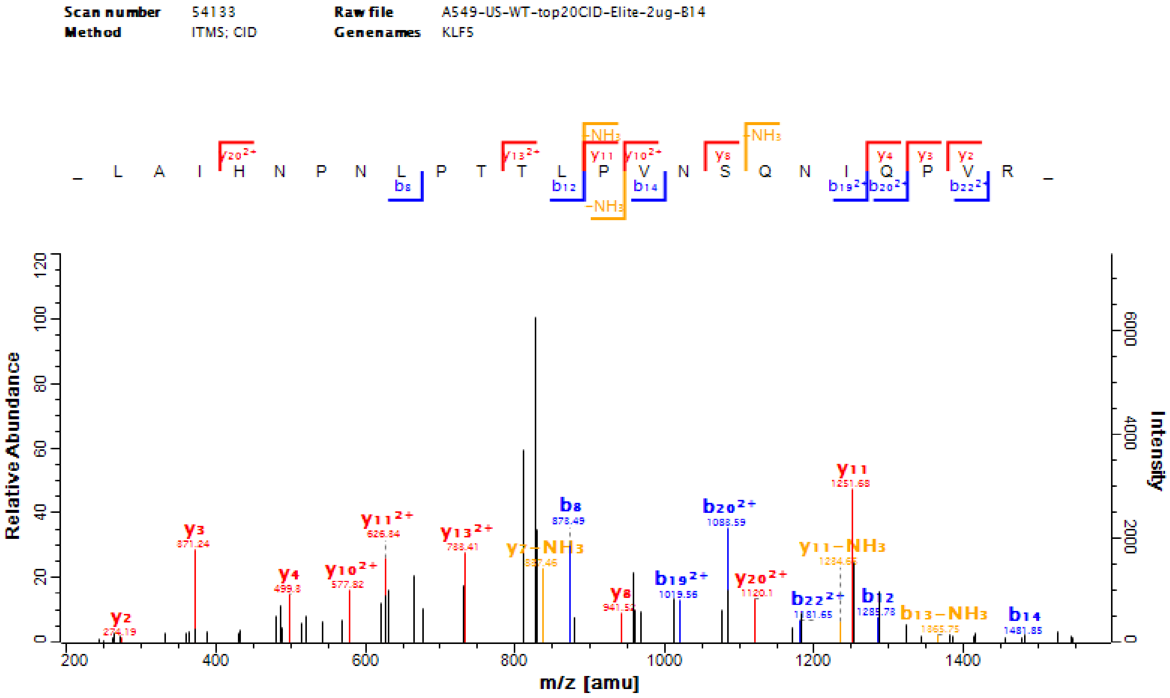


Scan number 47303
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B13
Genenames FAM168B

Protein Group ID: 9
Protein Accession Numbers: A1L3X0; D6RBM2; D6RBR5; D6RE10
Gene Names: ELOVL7
Peptide Sequence: TVHLYDNWIK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 207.83
Best Match Posterior Error Probability: 2.84E-19
Best Match Spectrum:

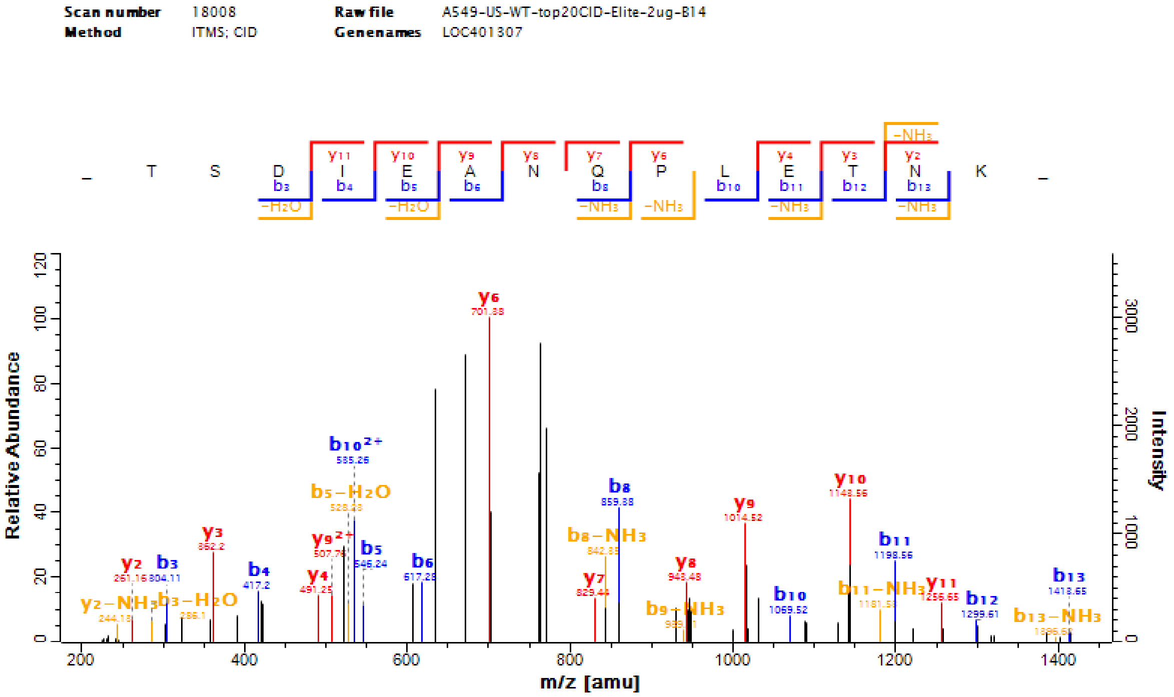


Protein Group ID: 24
Protein Accession Numbers: Q13887; A2TJX0
Gene Names: KLF5
Peptide Sequence: LAIHNPNLPTTLPVNSQNIQPVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 62.966
Best Match Posterior Error Probability: 0.0016494
Best Match Spectrum:

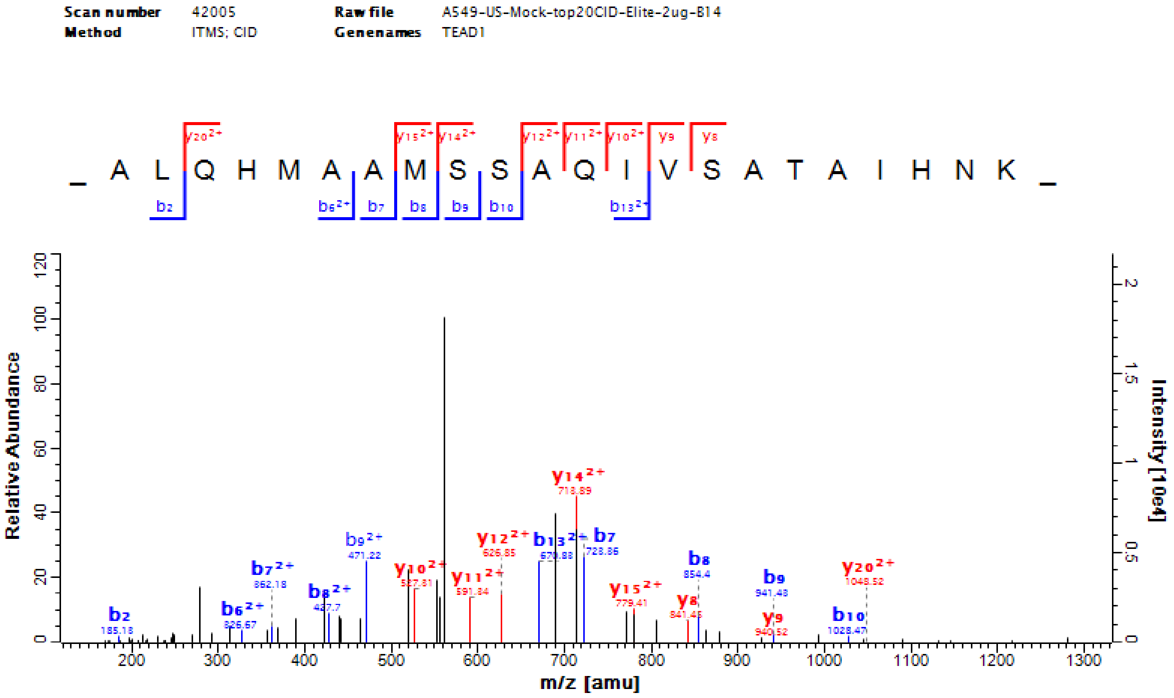


Scan number 54133 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** KLF5

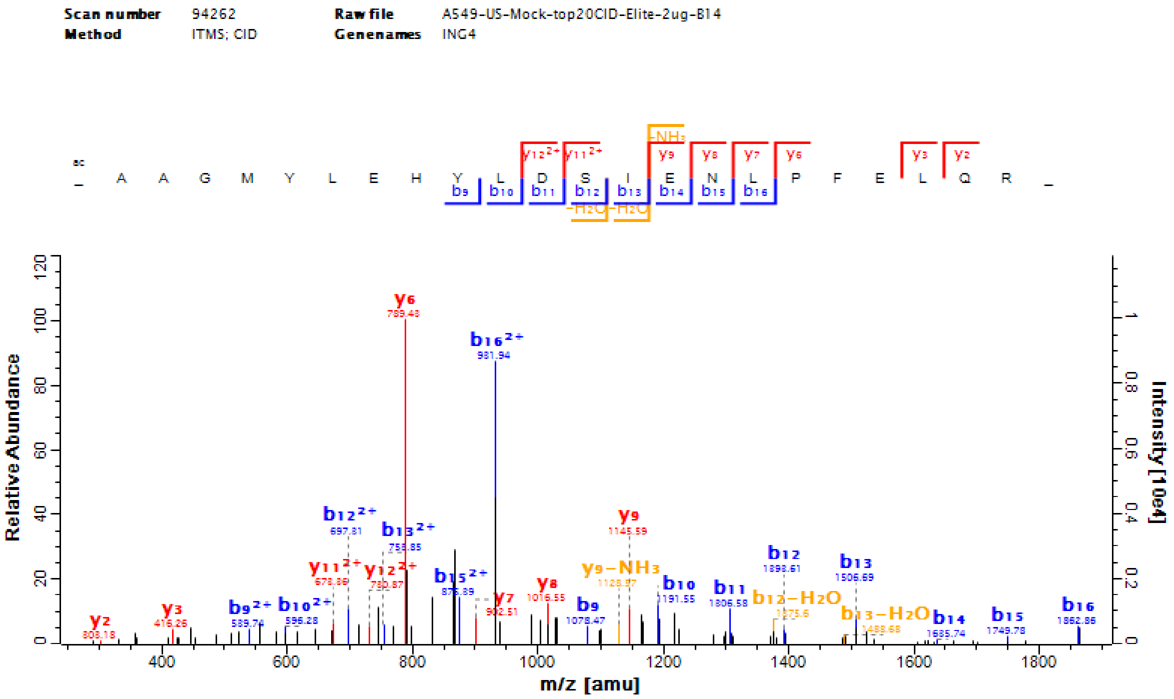
Protein Group ID: 29
Protein Accession Numbers: A4D104; C9J7I0
Gene Names: LOC401307
Peptide Sequence: TSDIEANQPLETNK
Total Number of Spectra: 7
Number of Replicates (out of 8): 6
Best Match Score: 133.48
Best Match Posterior Error Probability: 4.32E-05
Best Match Spectrum:



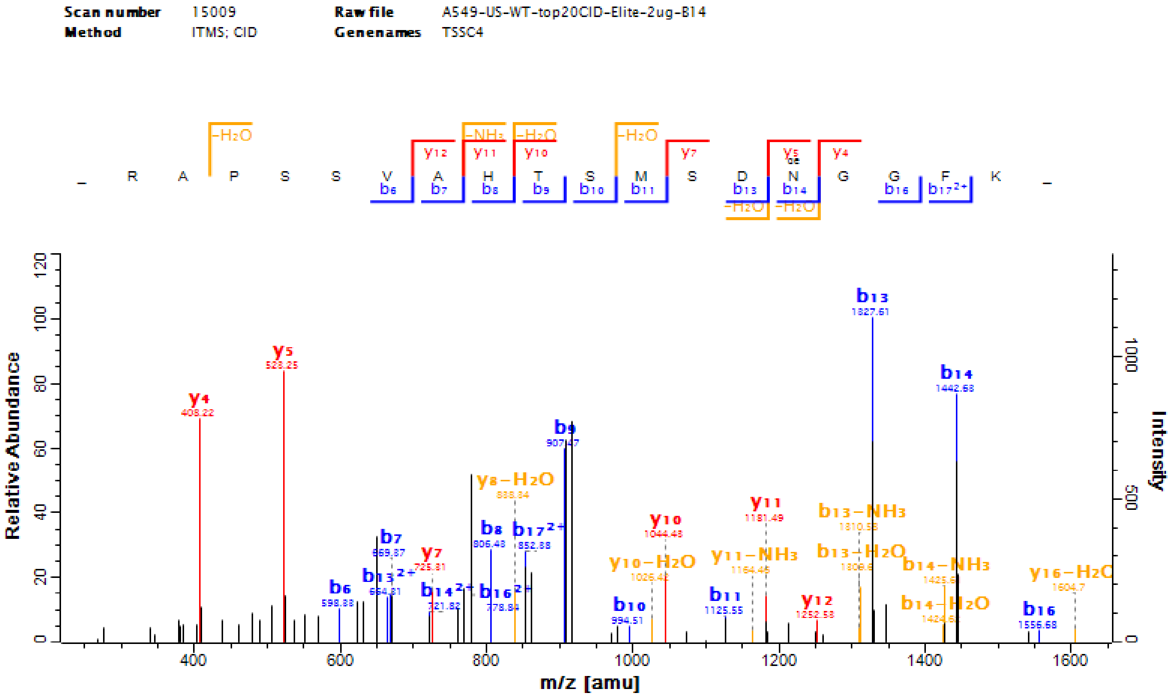
Protein Group ID: 34
Protein Accession Numbers: H0YE88; P28347; H0YEJ9; A4FUP2; E9PKB7
Gene Names: TEAD1
Peptide Sequence: ALQHMAAMSSAQIVSATAIHNK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 61.096
Best Match Posterior Error Probability: 0.0030914
Best Match Spectrum:



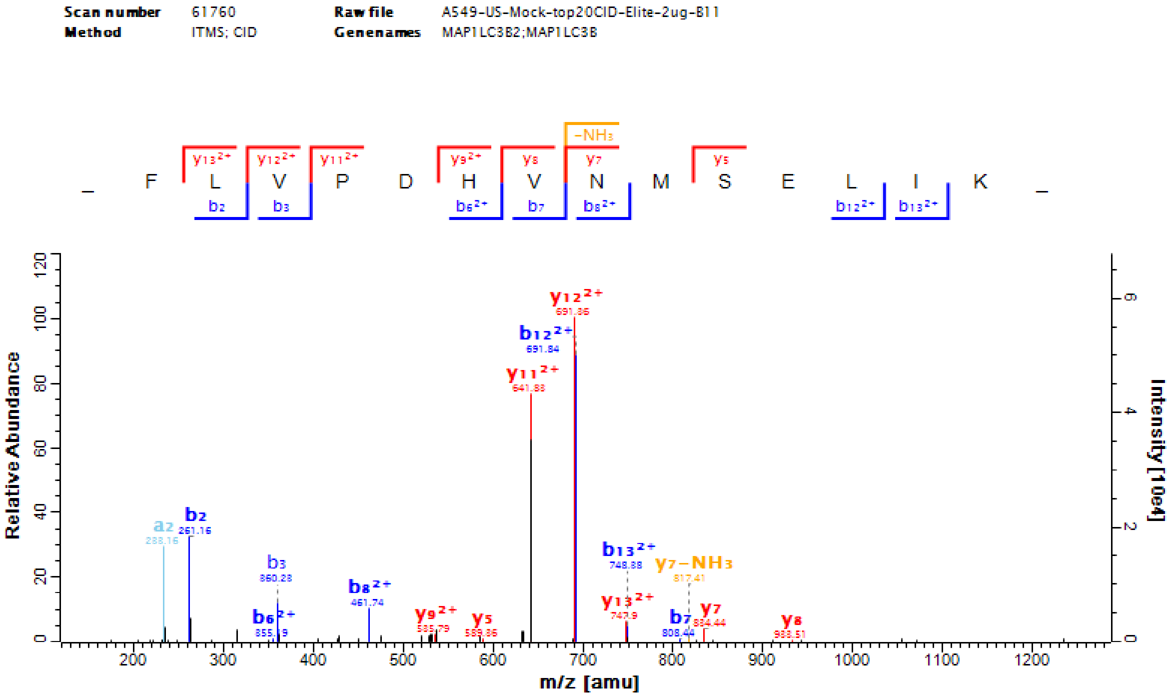
Protein Group ID: 35
Protein Accession Numbers: Q9UNL4; Q9UNL4-2; Q9UNL4-6; Q9UNL4-5; Q9UNL4-7; Q9UNL4-4; Q9UNL4-8; A4KYM5; E9PJ14
Gene Names: ING4
Peptide Sequence: AAGMYLEHYLDSIENLPFELQR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 122.57
Best Match Posterior Error Probability: 1.25E-08
Best Match Spectrum:



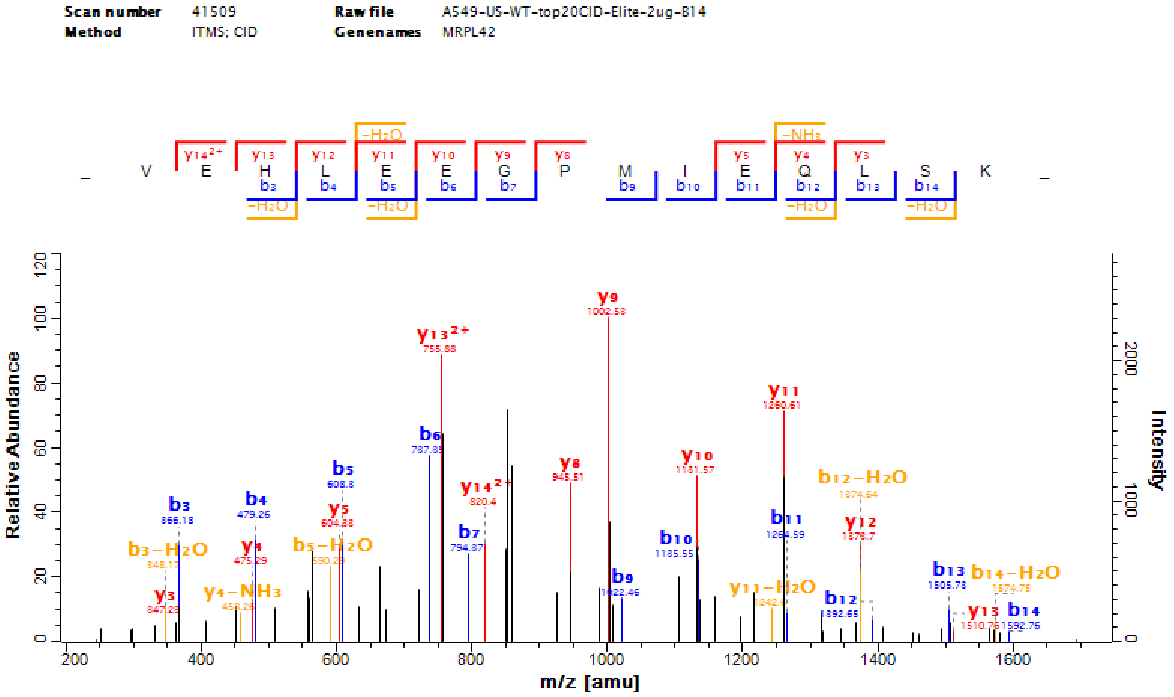
Protein Group ID: 41
Protein Accession Numbers: Q9Y5U2; Q9Y5U2-2; C9JJV1; C9JHT9; E9PME3; A6NCC9
Gene Names: TSSC4
Peptide Sequence: RAPSSVAHTSMSDNGGFK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 106.93
Best Match Posterior Error Probability: 0.00063748
Best Match Spectrum:



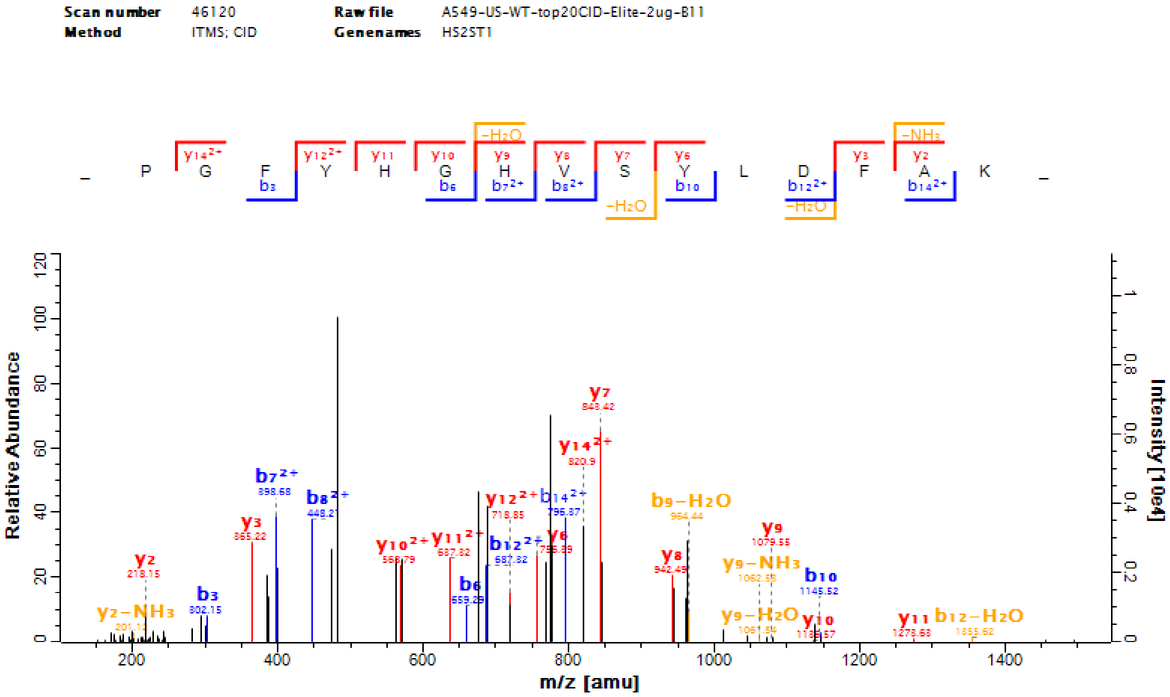
Protein Group ID: 42
Protein Accession Numbers: A6NCE7; Q9GZQ8; H3BTL1
Gene Names: MAP1LC3B2;MAP1LC3B
Peptide Sequence: FLVPDHVNMSELIK
Total Number of Spectra: 8
Number of Replicates (out of 8): 7
Best Match Score: 103.91
Best Match Posterior Error Probability: 0.0002713
Best Match Spectrum:



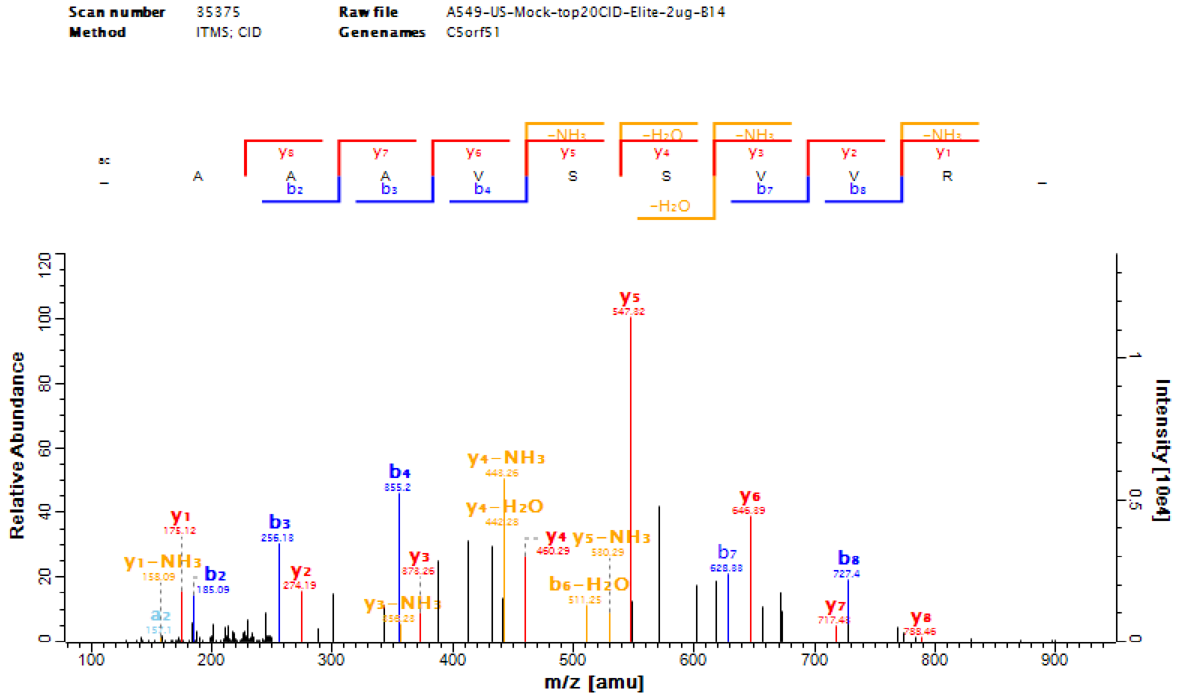
Protein Group ID: 43
Protein Accession Numbers: A6NCI0; Q9Y6G3; J3KPP0
Gene Names: MRPL42
Peptide Sequence: VEHLEEGPMIEQLSK
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 156.17
Best Match Posterior Error Probability: 8.58E-08
Best Match Spectrum:



Protein Group ID: 44
Protein Accession Numbers: Q7LGA3; A6ND99; Q7LGA3-2; Q7LGA3-3; K7EP71
Gene Names: HS2ST1
Peptide Sequence: PGFYHGHVSYLDFAK
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 105.95
Best Match Posterior Error Probability: 0.00015957
Best Match Spectrum:

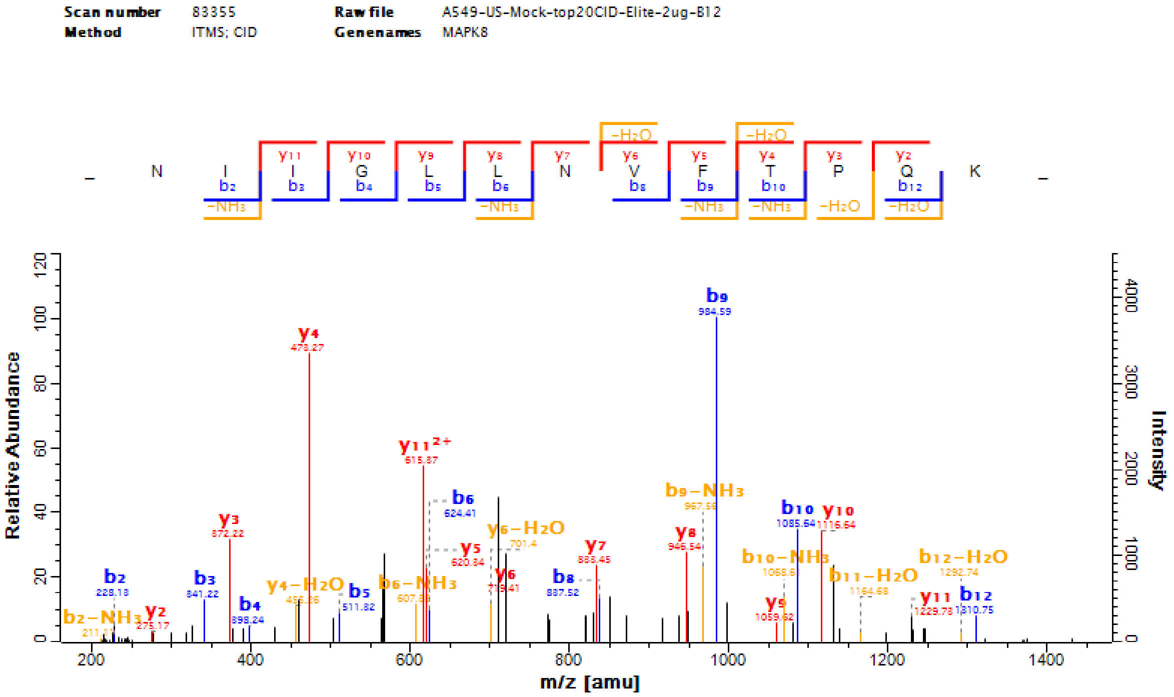


Protein Group ID: 46
Protein Accession Numbers: A6NDU8
Gene Names: C5orf51
Peptide Sequence: AAAVSSVVR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 109.29
Best Match Posterior Error Probability: 0.0014792
Best Match Spectrum:



Scan number 35375 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** C5orf51

Protein Group ID: 51
Protein Accession Numbers: P45983; P45983-4; P45983-2; P45983-3; Q308M2; A6NF29; C9J762
Gene Names: MAPK8
Peptide Sequence: NIIGLLNVFTPQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 162.72
Best Match Posterior Error Probability: 1.68E-09
Best Match Spectrum:



Protein Group ID: 55

Protein Accession Numbers: A6NFV8; Q96EV8; Q96EV8-2; D6RCT8; D6RAX1

Gene Names: DTNBP1

Peptide Sequence: LLSVQQDFTSGLK

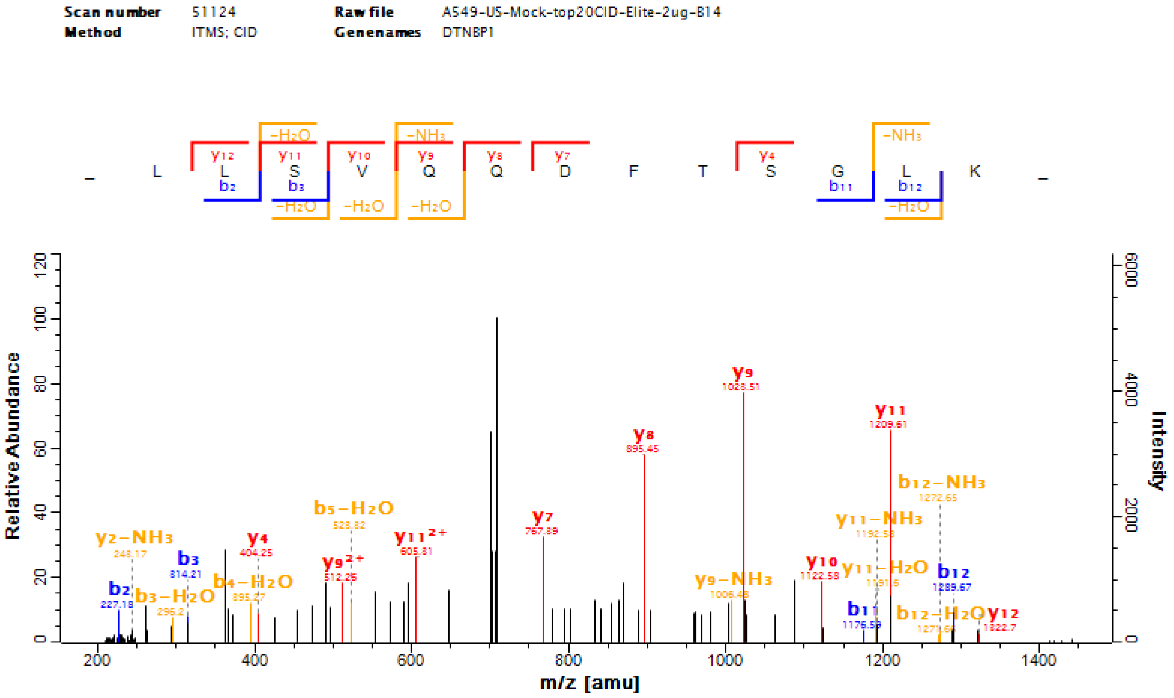
Total Number of Spectra: 1

Number of Replicates (out of 8): 1

Best Match Score: 97.463

Best Match Posterior Error Probability: 0.00066916

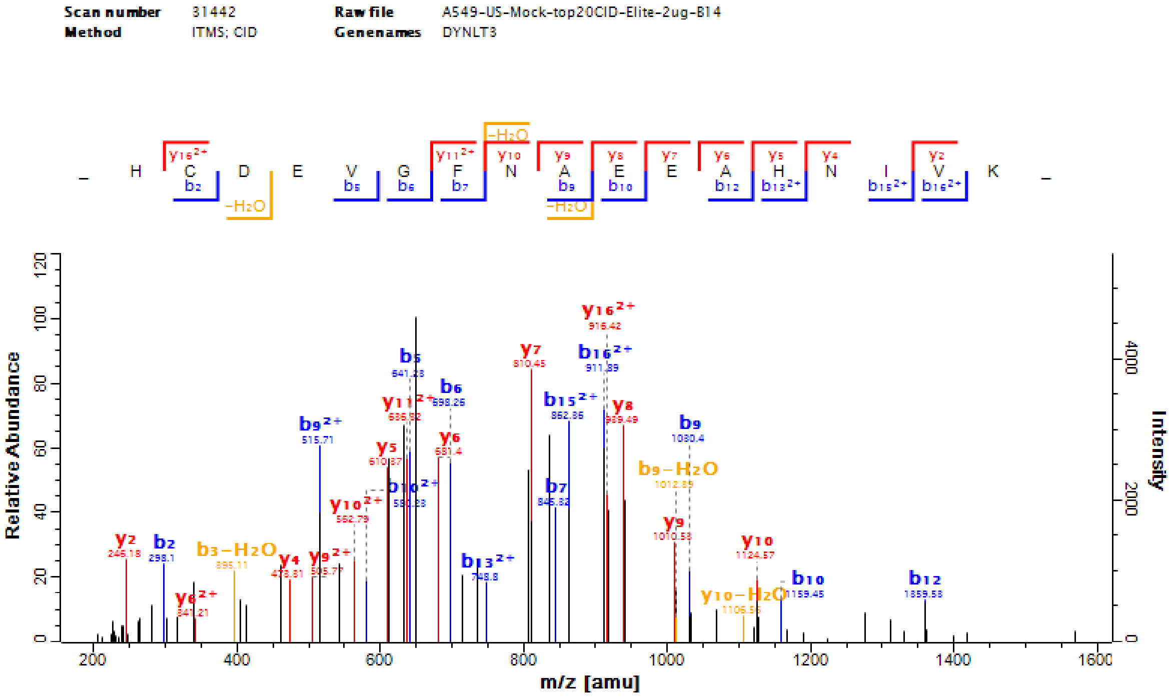
Best Match Spectrum:



Scan number 51124 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14

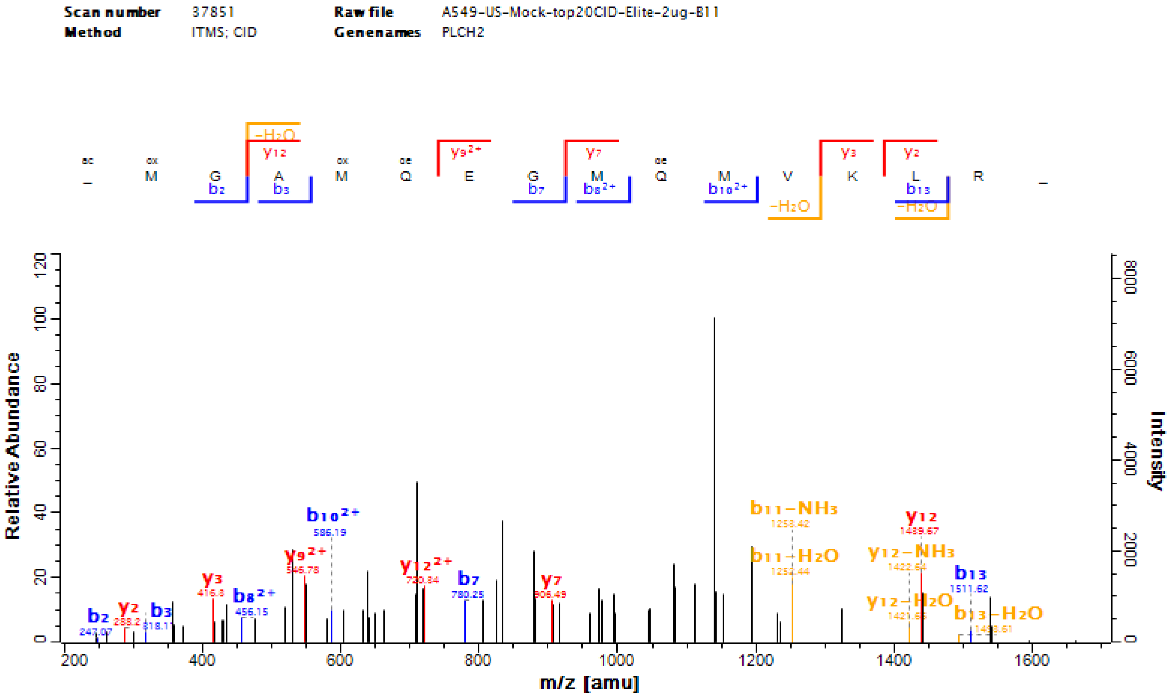
Method ITMS; CID **Genenames** DTNBP1

Protein Group ID: 60
Protein Accession Numbers: A6NGJ0; P51808
Gene Names: DYNLT3
Peptide Sequence: HCDEVGFNAEEAHNIVK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 139.66
Best Match Posterior Error Probability: 3.90E-05
Best Match Spectrum:



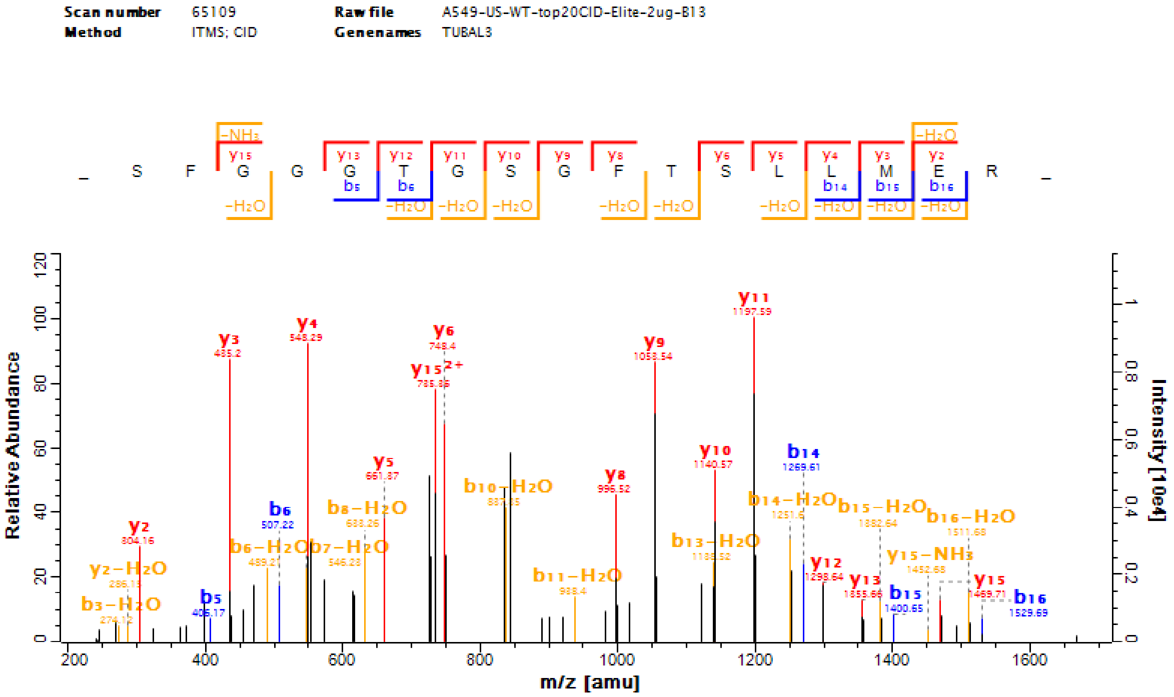
Scan number 31442
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B14
Genenames DYNLT3

Protein Group ID: 62
Protein Accession Numbers: A6NGX9; O75038-5
Gene Names: PLCH2
Peptide Sequence: MGAMQEGMQMVKLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 68.676
Best Match Posterior Error Probability: 0.0053147
Best Match Spectrum:

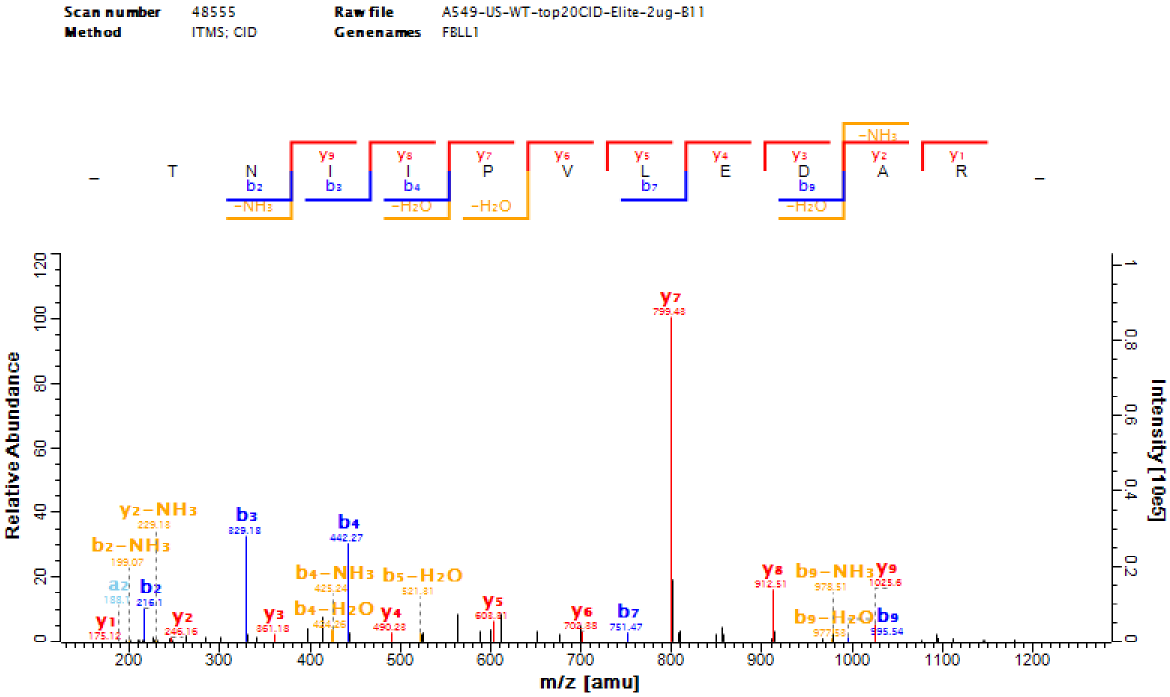


Scan number 37851 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** PLCH2

Protein Group ID: 63
Protein Accession Numbers: A6NHL2; A6NHL2-2
Gene Names: TUBAL3
Peptide Sequence: SFGGGTGSGFTSLLMER
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 132.47
Best Match Posterior Error Probability: 8.22E-05
Best Match Spectrum:

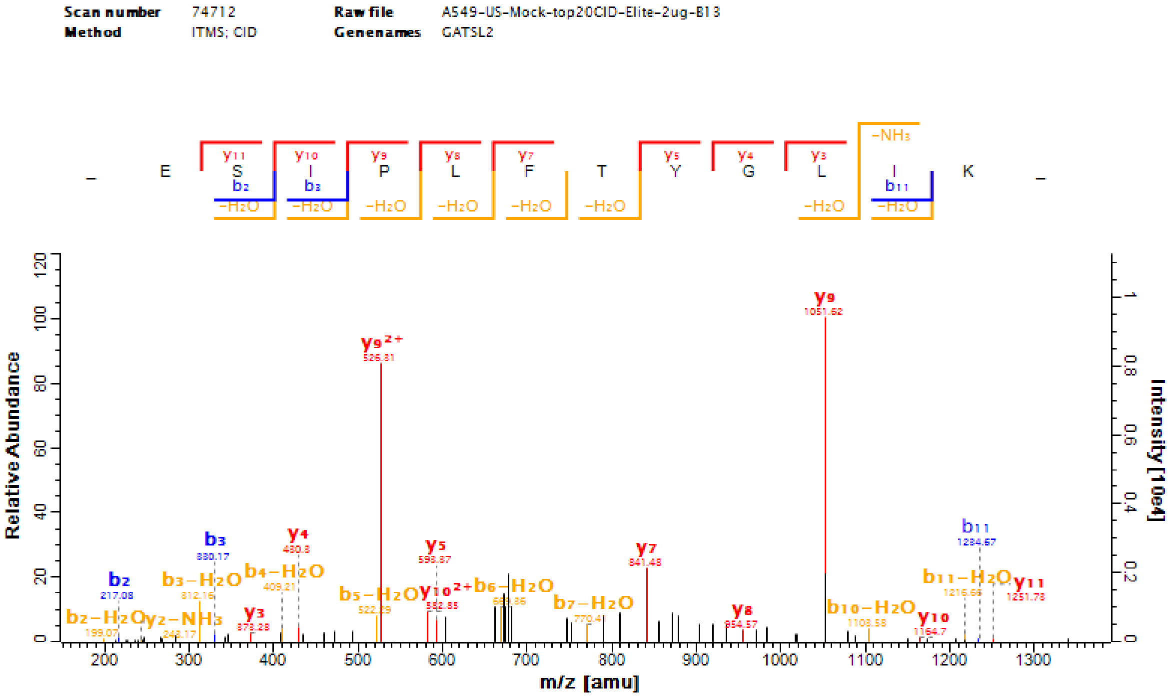


Protein Group ID: 64
Protein Accession Numbers: A6NHQ2
Gene Names: FBLL1
Peptide Sequence: TNIIPVLEDAR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 98.902
Best Match Posterior Error Probability: 0.00055543
Best Match Spectrum:

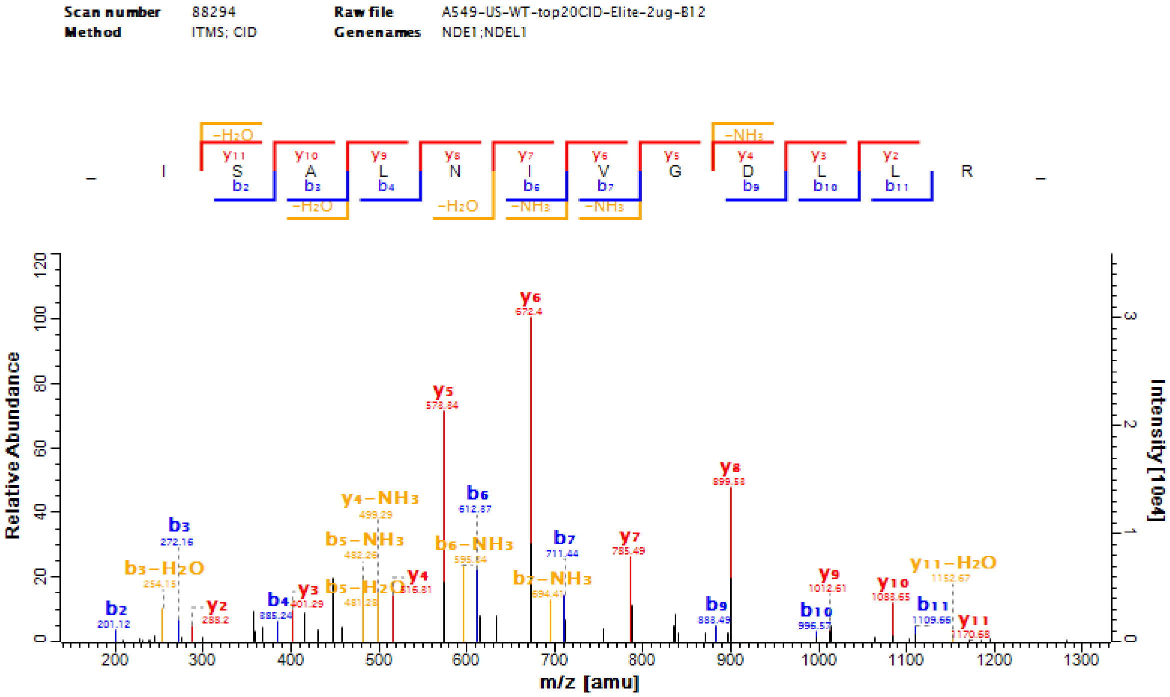


Scan number 48555 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** FBLL1

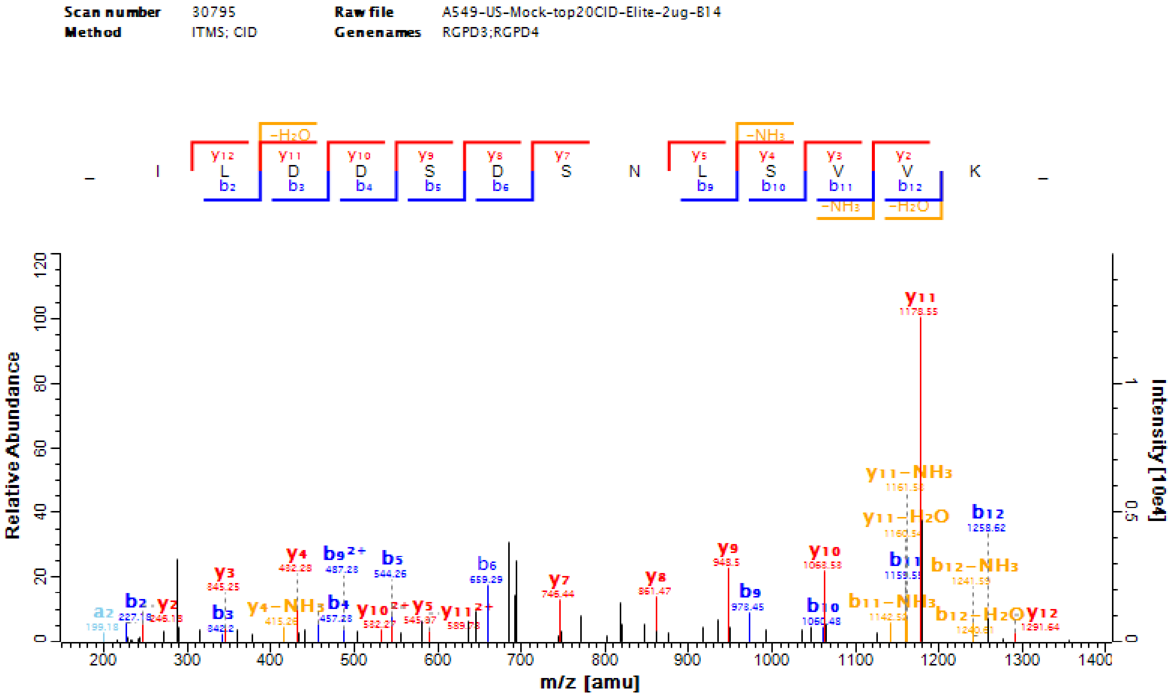
Protein Group ID: 66
Protein Accession Numbers: A6NHX0
Gene Names: GATSL2
Peptide Sequence: ESIPLFTYGLIK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 102.4
Best Match Posterior Error Probability: 0.00045333
Best Match Spectrum:



Protein Group ID: 70
Protein Accession Numbers: Q9GZM8-2; Q9NXR1; Q9GZM8; Q9NXR1-2; J3QT32; A6NIZ0; J3QRZ1; J3QSD2; I3L522; I3L2R9; I3L533; I3L2T8; I3L2R3
Gene Names: NDE1;NDEL1
Peptide Sequence: ISALNIVGDLLR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 151.99
Best Match Posterior Error Probability: 2.85E-06
Best Match Spectrum:

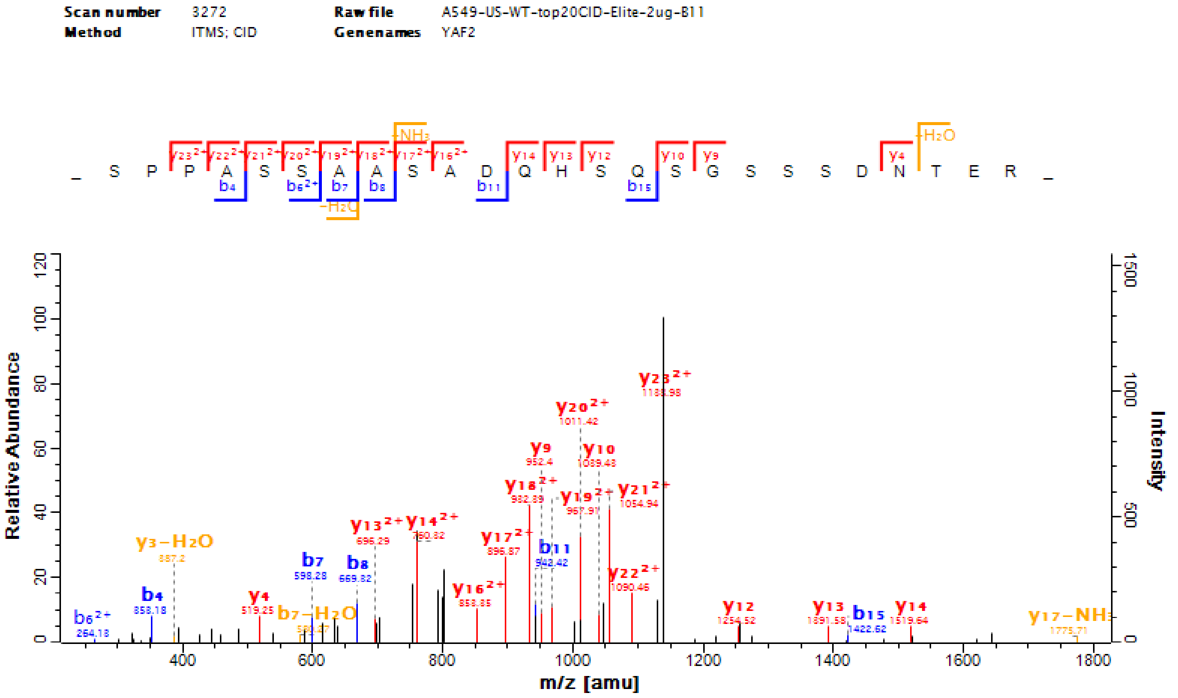


Protein Group ID: 75
Protein Accession Numbers: J3KNE0; A6NKT7; J3KNY6; Q7Z3J3
Gene Names: RGPD3;RGPD4
Peptide Sequence: ILDDSDSNLSVVK
Total Number of Spectra: 11
Number of Replicates (out of 8): 8
Best Match Score: 178.67
Best Match Posterior Error Probability: 2.30E-14
Best Match Spectrum:

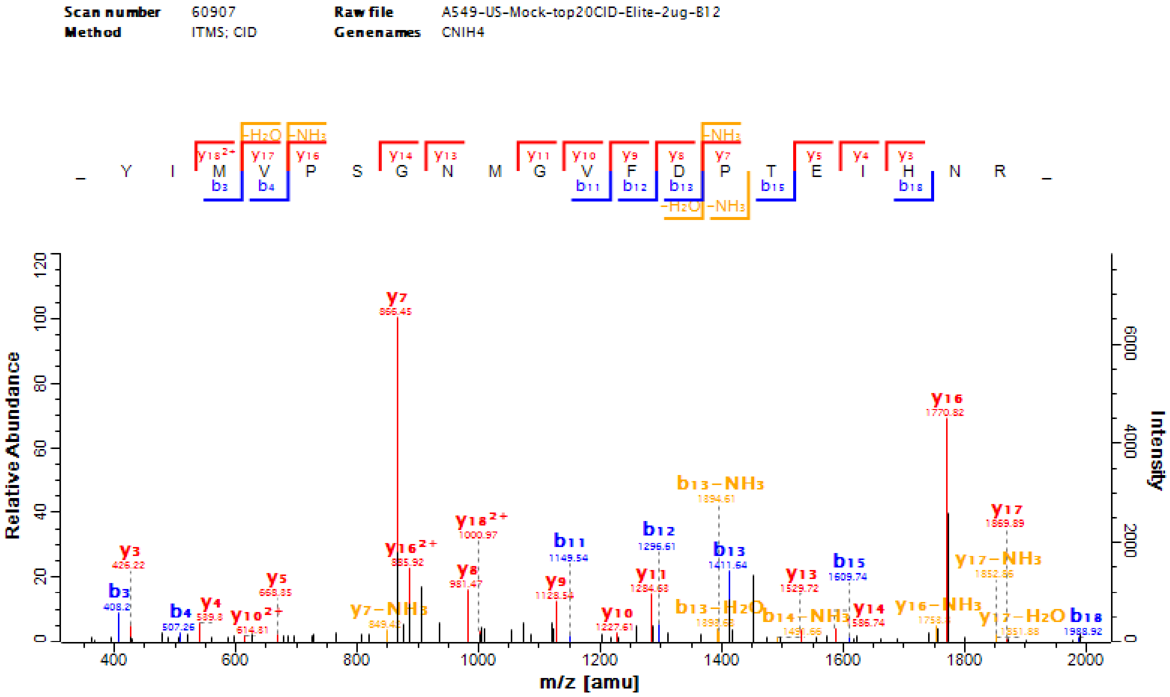


Scan number 30795 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** RGPD3;RGPD4

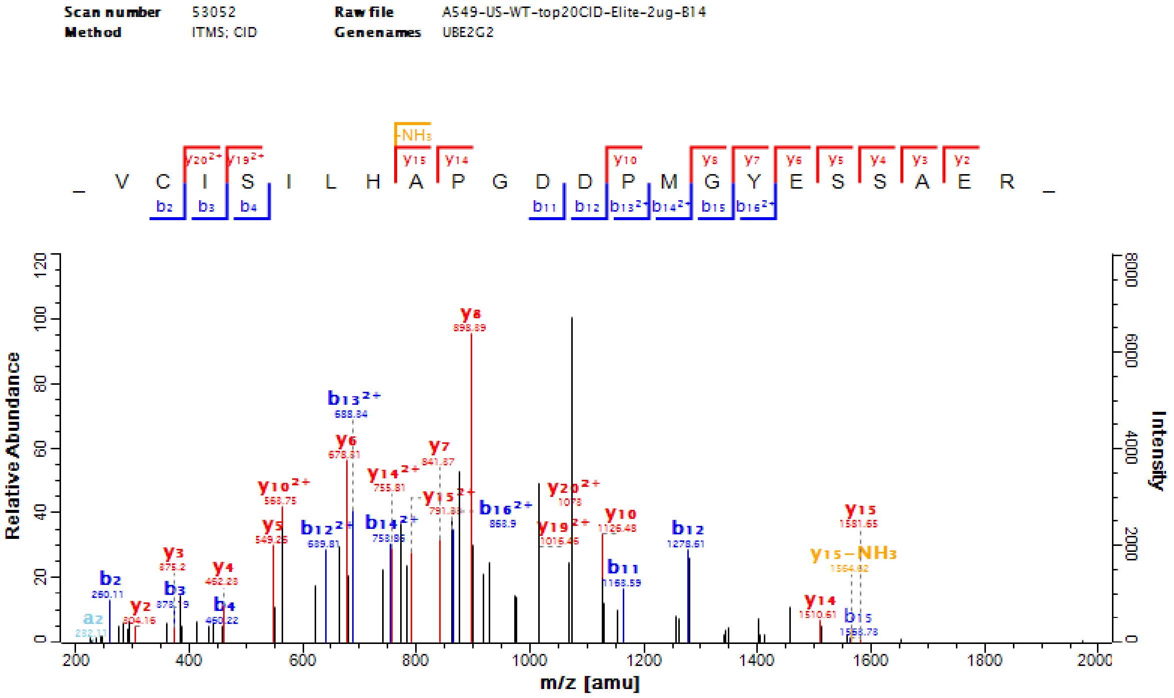
Protein Group ID: 77
Protein Accession Numbers: Q8IY57; A6NL56; J3KNM5; Q8IY57-2; Q8IY57-3
Gene Names: YAF2
Peptide Sequence: SPPASSAASADQHSQSGSSSDNTER
Total Number of Spectra: 7
Number of Replicates (out of 8): 5
Best Match Score: 94.837
Best Match Posterior Error Probability: 5.28E-06
Best Match Spectrum:



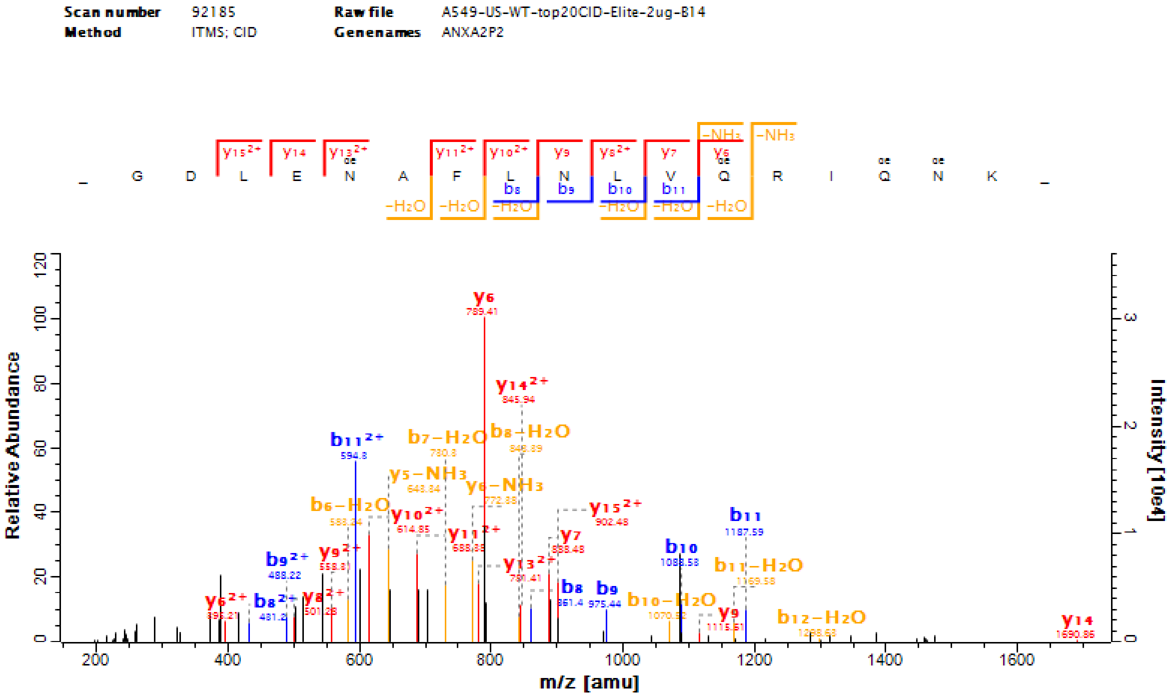
Protein Group ID: 78
Protein Accession Numbers: Q9P003; A6NLH6
Gene Names: CNIH4
Peptide Sequence: YIMVPSGNMGVFDPTEIHNR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 137.61
Best Match Posterior Error Probability: 1.03E-06
Best Match Spectrum:



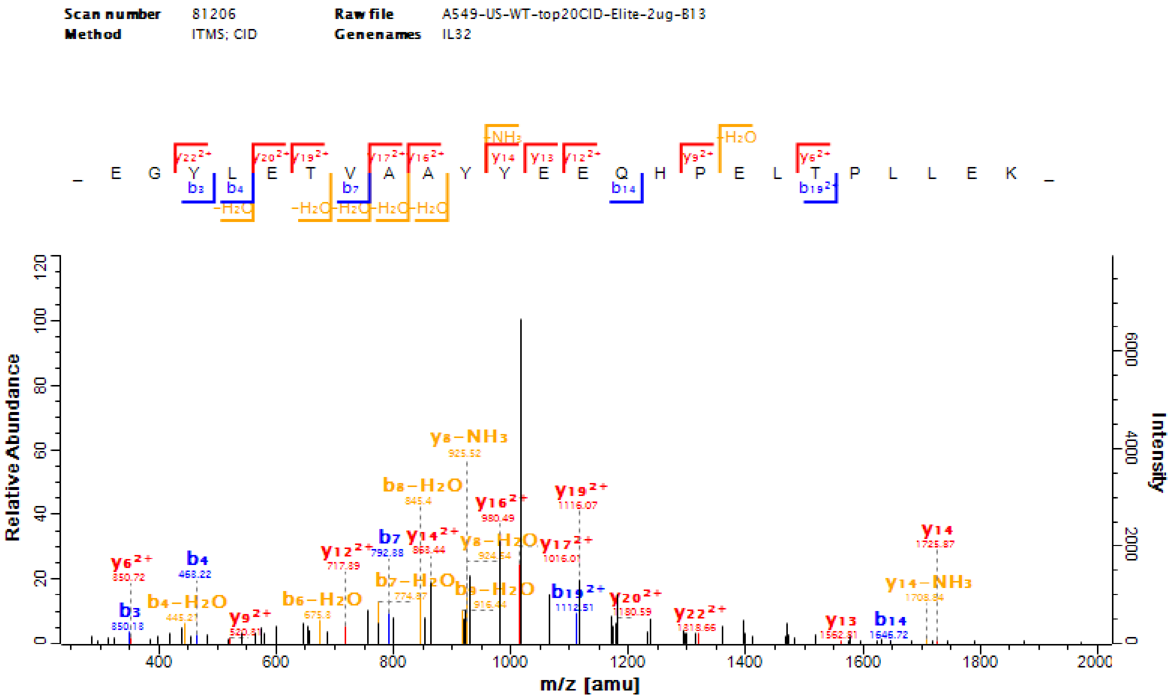
Protein Group ID: 86
Protein Accession Numbers: P60604; A6NMQ7
Gene Names: UBE2G2
Peptide Sequence: VCISILHAPGDDPMGYESSAER
Total Number of Spectra: 10
Number of Replicates (out of 8): 8
Best Match Score: 112.55
Best Match Posterior Error Probability: 3.44E-07
Best Match Spectrum:



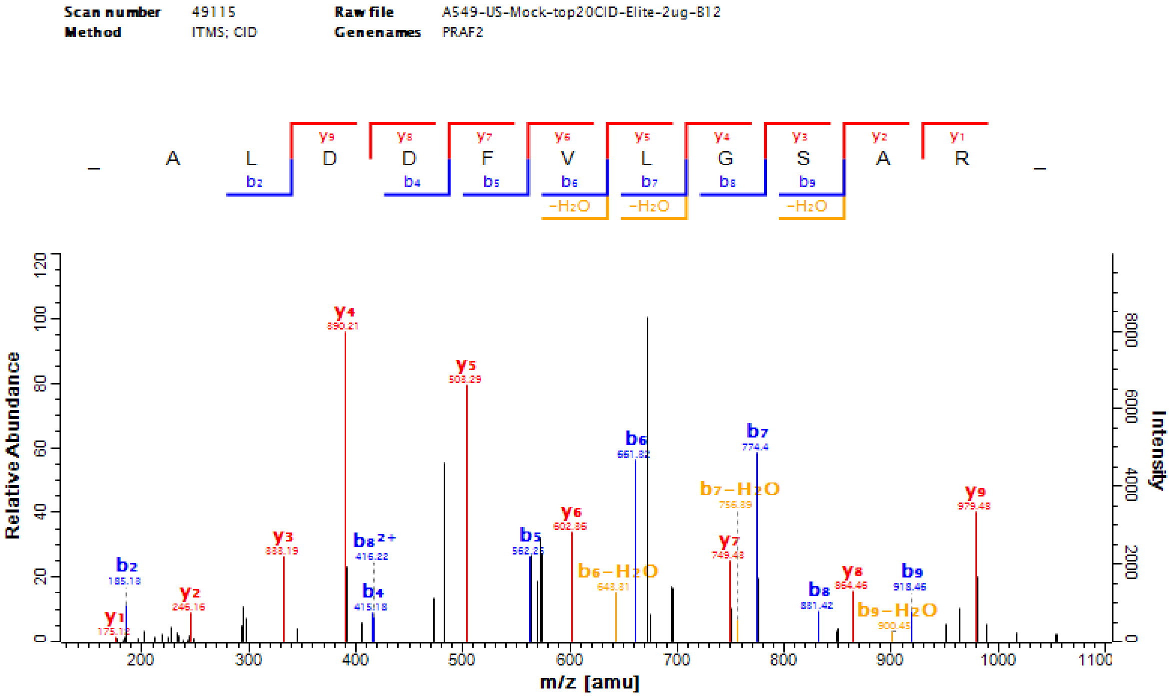
Protein Group ID: 87
Protein Accession Numbers: A6NMY6
Gene Names: ANXA2P2
Peptide Sequence: GDLENAFLNLVQRIQNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 115.06
Best Match Posterior Error Probability: 0.0063144
Best Match Spectrum:



Protein Group ID: 91
Protein Accession Numbers: P24001; F8VSD2; F8VVN4; F8W1V1; E9PIV2; P24001-2; A6NNM0; P24001-3; P24001-5; E9PK07; P24001-4
Gene Names: IL32
Peptide Sequence: EGYLETVAAYYEEQHPELTPLLEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 68.639
Best Match Posterior Error Probability: 0.00059479
Best Match Spectrum:



Protein Group ID: 93
Protein Accession Numbers: O60831; A6NP52
Gene Names: PRAF2
Peptide Sequence: ALDDFVLGSAR
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 125.97
Best Match Posterior Error Probability: 4.33E-05
Best Match Spectrum:



Protein Group ID: 95

Protein Accession Numbers: Q6UXH1-5; Q6UXH1-6; Q6UXH1; Q6UXH1-4; Q6UXH1-2; Q6UXH1-3; A6PWM2

Gene Names: CRELD2

Peptide Sequence: NFGGGNTAWEEK

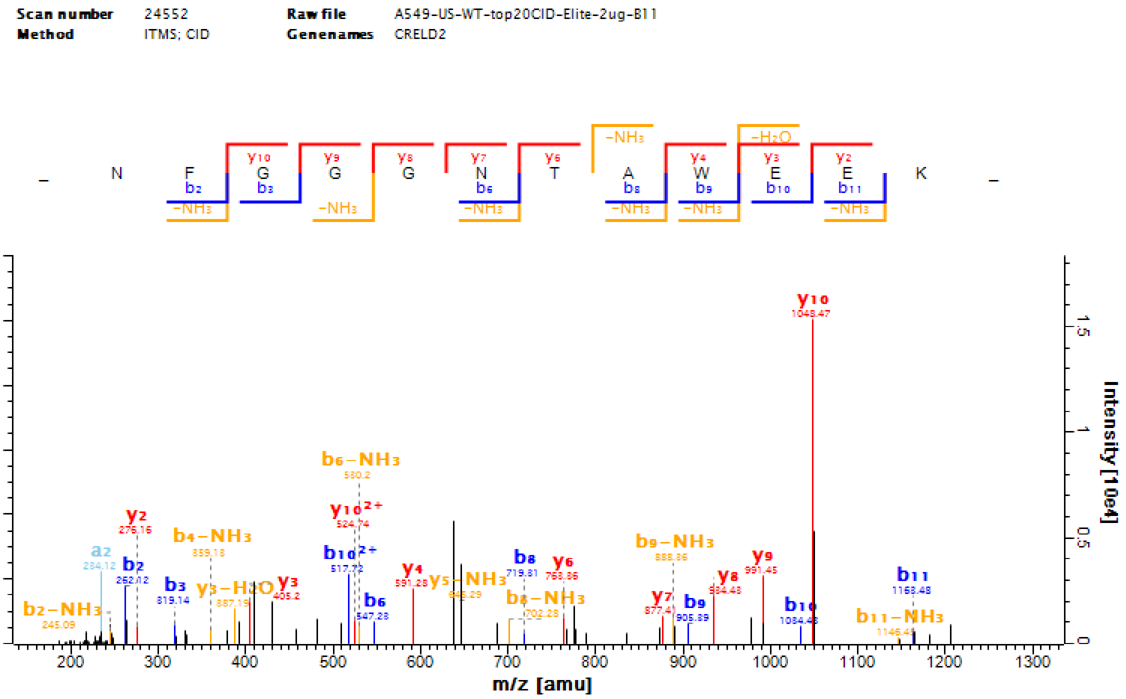
Total Number of Spectra: 7

Number of Replicates (out of 8): 7

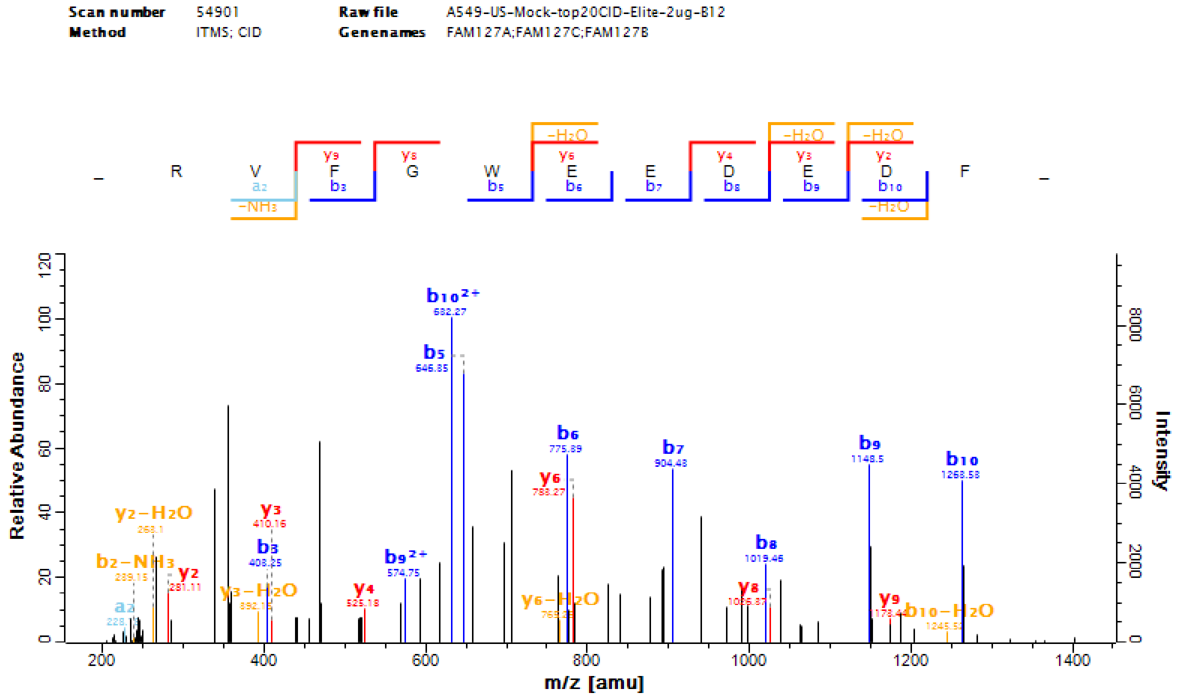
Best Match Score: 135.02

Best Match Posterior Error Probability: 8.76E-05

Best Match Spectrum:

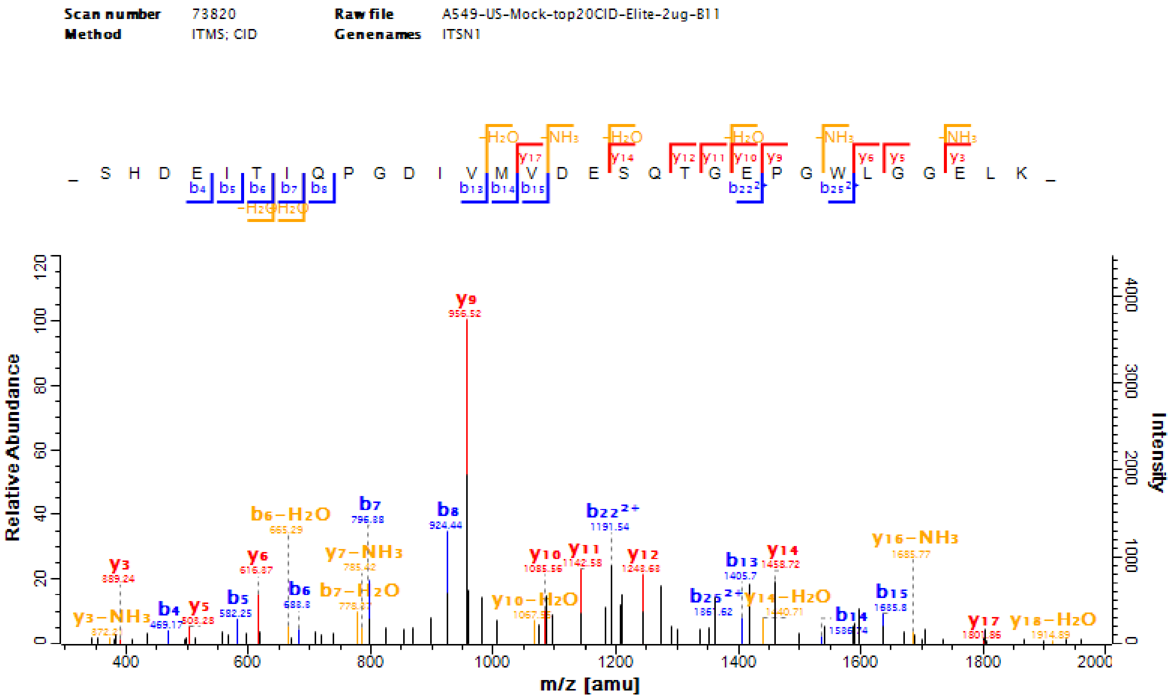


Protein Group ID: 96
Protein Accession Numbers: A6ZKI3; Q17RB0; Q9BWD3
Gene Names: FAM127A;FAM127C;FAM127B
Peptide Sequence: RVFGWEEDEDF
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 119.27
Best Match Posterior Error Probability: 0.00015874
Best Match Spectrum:



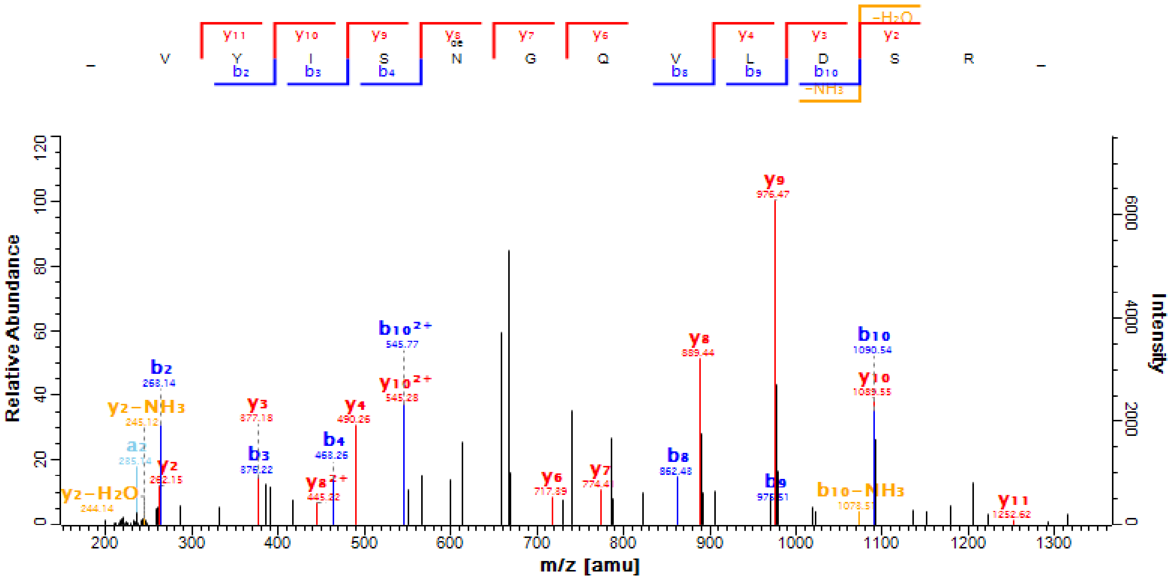
Scan number 54901 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** FAM127A;FAM127C;FAM127B

Protein Group ID: 99
Protein Accession Numbers: A8CTX8; A8CTY3; B4DTM2; E7ERJ0; Q15811-3; E7ERJ1; A7Y322; A8DCP3
Gene Names: ITSN1
Peptide Sequence: SHDEITIQPGDIVMVDESQTGEPGWLGGELK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 80.439
Best Match Posterior Error Probability: 1.97E-06
Best Match Spectrum:

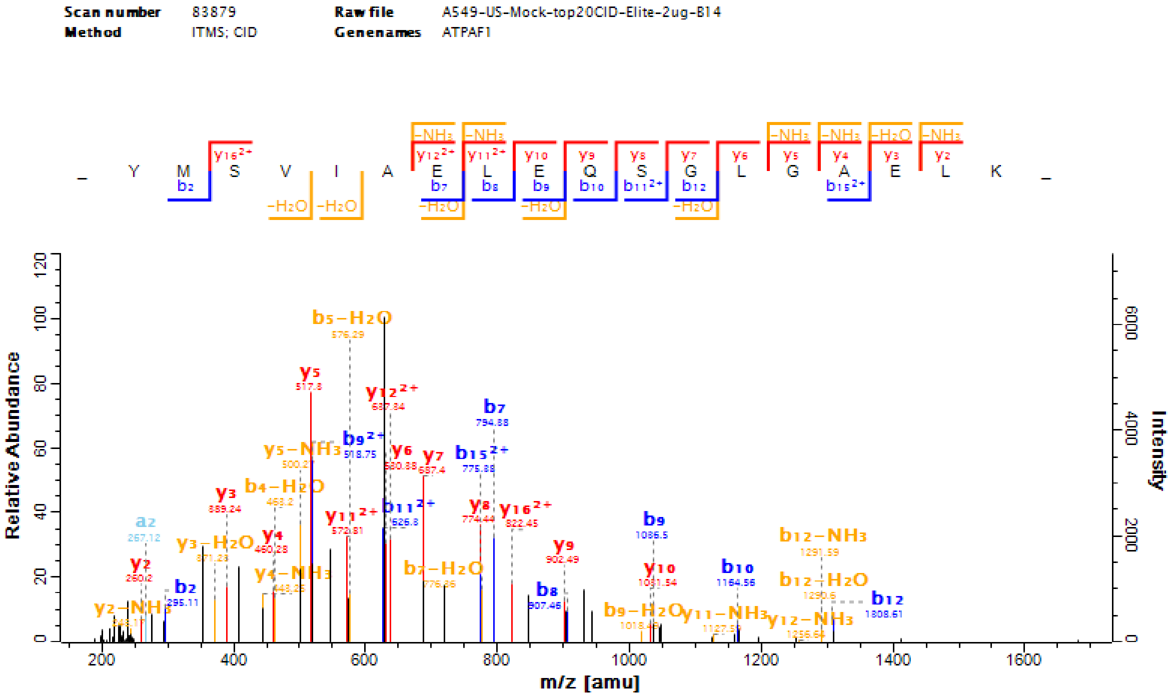


Protein Group ID: 102
Protein Accession Numbers: Q9Y6D0; A8K0M9; F8WAX7
Gene Names: SELK
Peptide Sequence: VYISNGQVLDSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 113.99
Best Match Posterior Error Probability: 0.0010492
Best Match Spectrum:

Scan number	32617	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	SELK

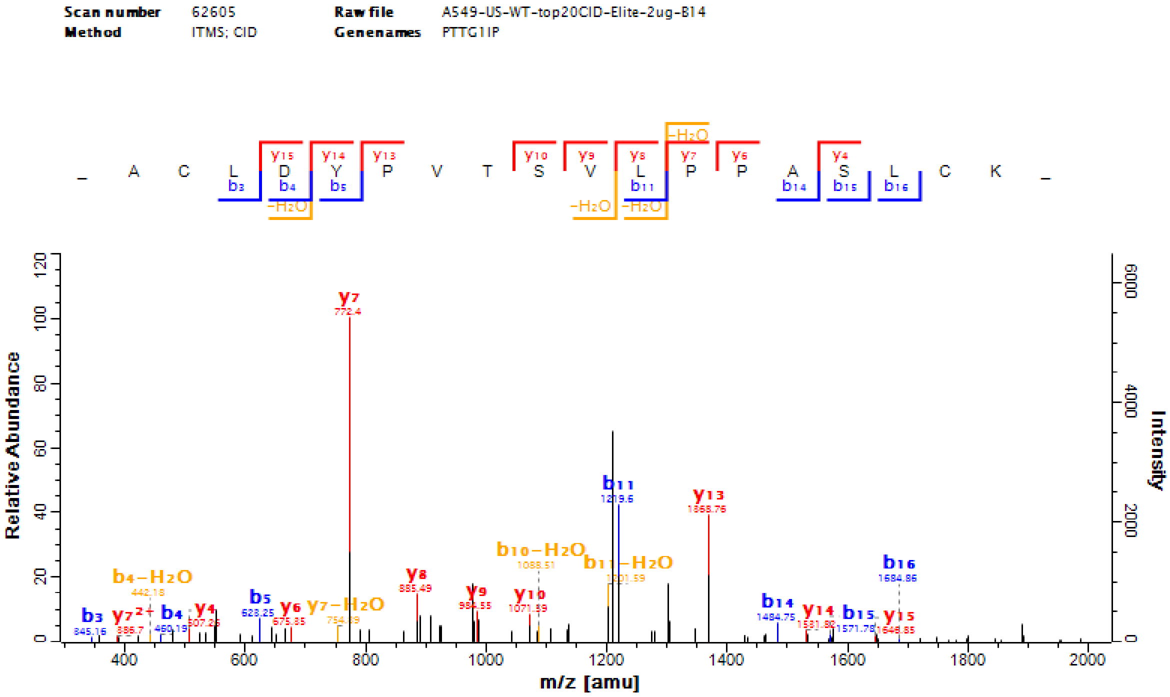


Protein Group ID: 105
Protein Accession Numbers: I3L448; Q5TC12; A8MRA7; I3L1W9; B7Z7I6; H0YD21; B7Z7D6; H0YEW4
Gene Names: ATPAF1
Peptide Sequence: YMSVIAELEQSGLGAELK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 147.7
Best Match Posterior Error Probability: 9.50E-07
Best Match Spectrum:

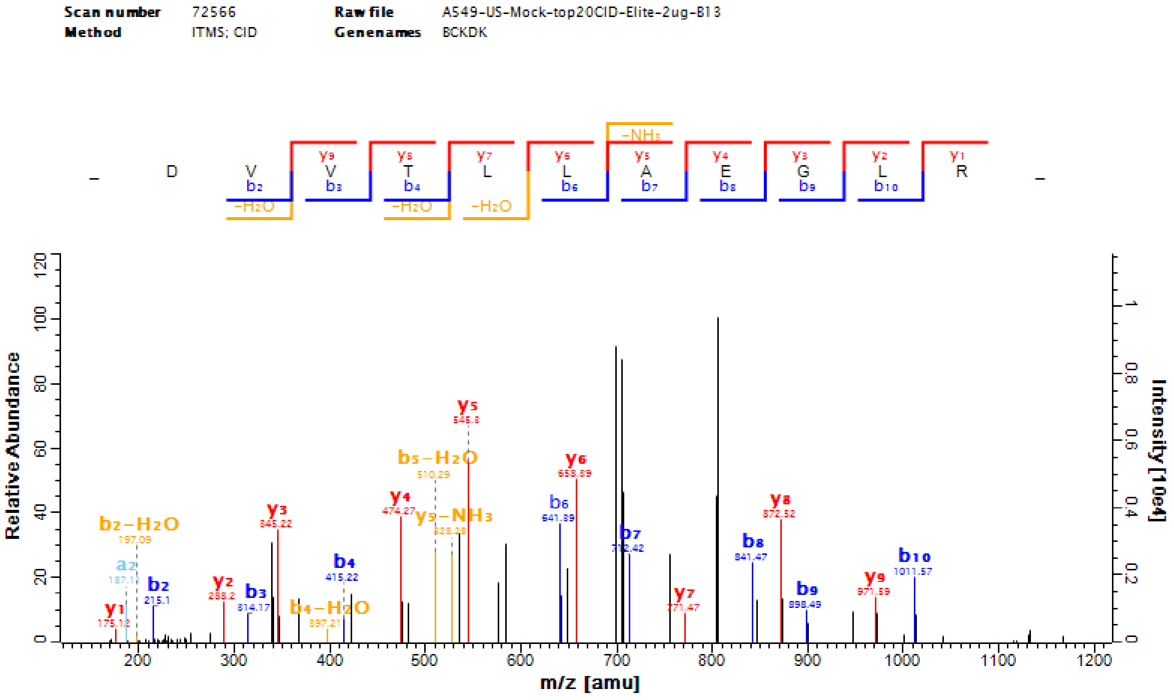


Scan number	83879	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B14
Method	ITMS; CID	**Genenames**	ATPAF1

Protein Group ID: 122
Protein Accession Numbers: P53801; A8MXQ1; A8MZH8
Gene Names: PTTG1IP
Peptide Sequence: ACLDYPVTSVLPPASLCK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 85.362
Best Match Posterior Error Probability: 0.00064535
Best Match Spectrum:

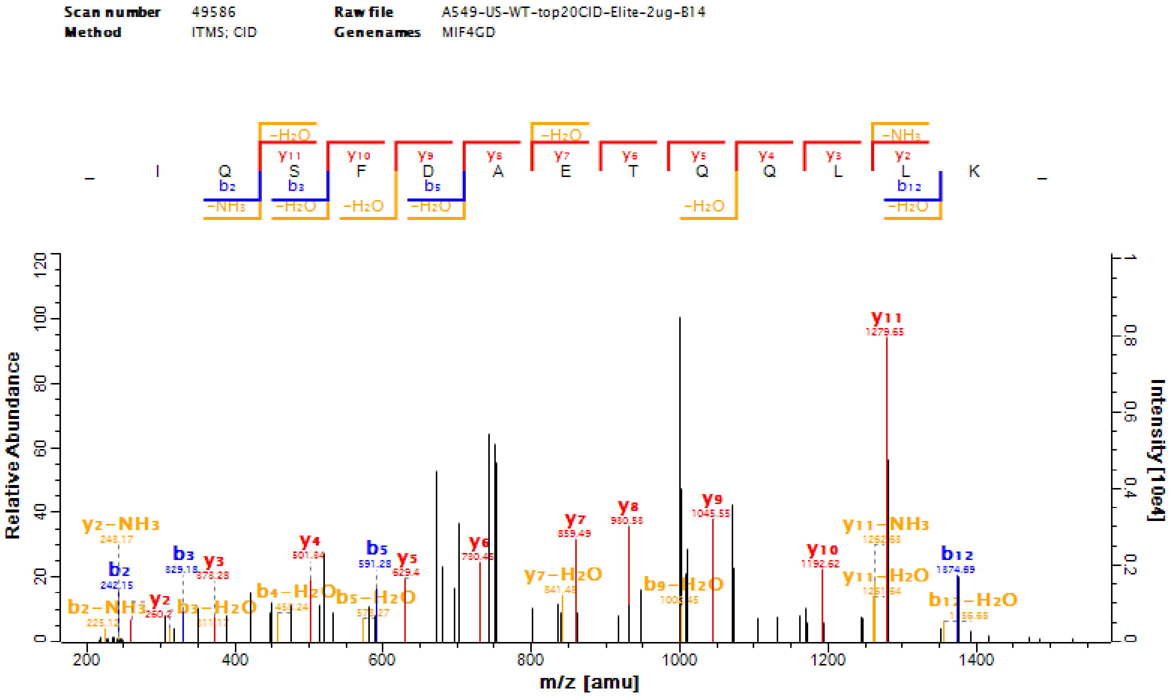


Protein Group ID: 125
Protein Accession Numbers: O14874; A8MY43; Q96G95; H3BS02; H3BTL2
Gene Names: BCKDK
Peptide Sequence: DVVTLLAEGLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 144.1
Best Match Posterior Error Probability: 1.35E-05
Best Match Spectrum:



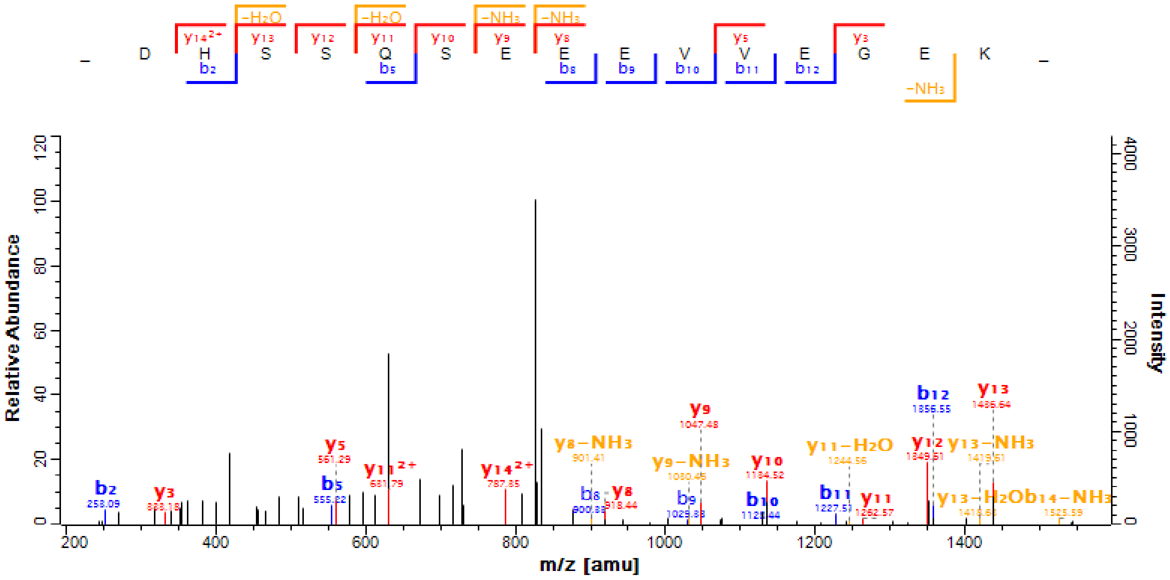
Scan number 72566 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** BCKDK

Protein Group ID: 131
Protein Accession Numbers: B4DUM7; A9UHW6-2; J3QLJ5; A9UHW6; J3QRZ6; J3KSB8; J3QKW3; J3KSU6; J3QLD1; J3QLN4
Gene Names: MIF4GD
Peptide Sequence: IQSFDAETQQLLK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 127.71
Best Match Posterior Error Probability: 7.62E-05
Best Match Spectrum:

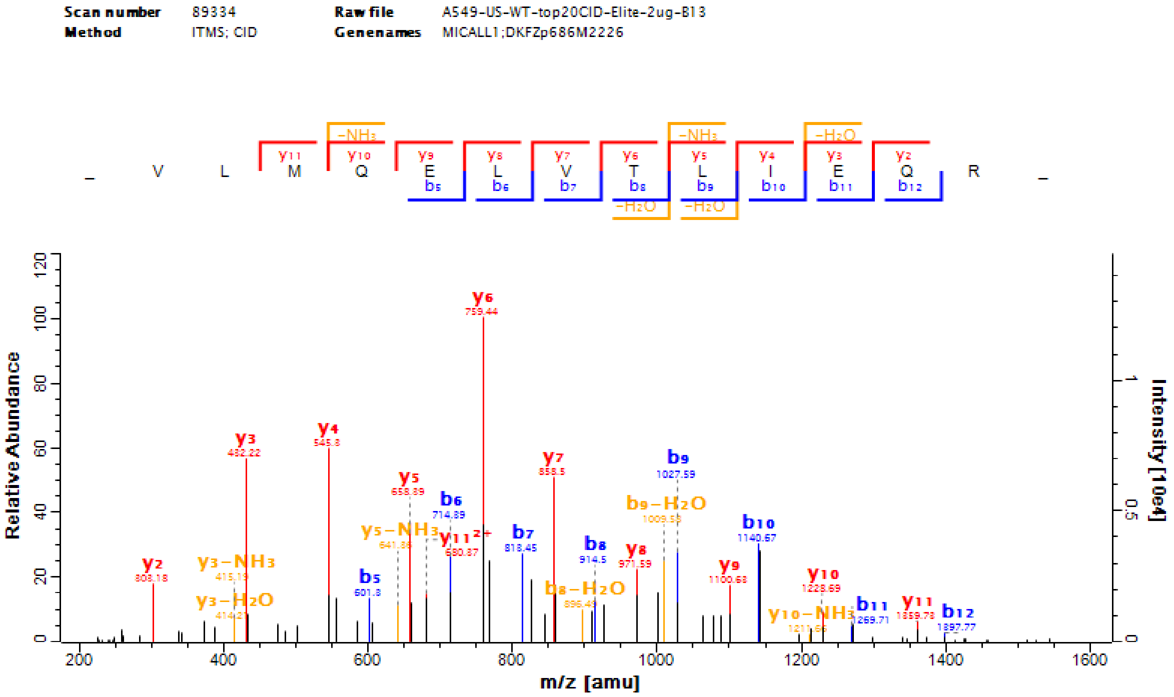


Protein Group ID: 133
Protein Accession Numbers: O60238; H0YBC7; B0AZS9
Gene Names: BNIP3L
Peptide Sequence: DHSSQSEEEVVEGEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 95.236
Best Match Posterior Error Probability: 0.00046119
Best Match Spectrum:

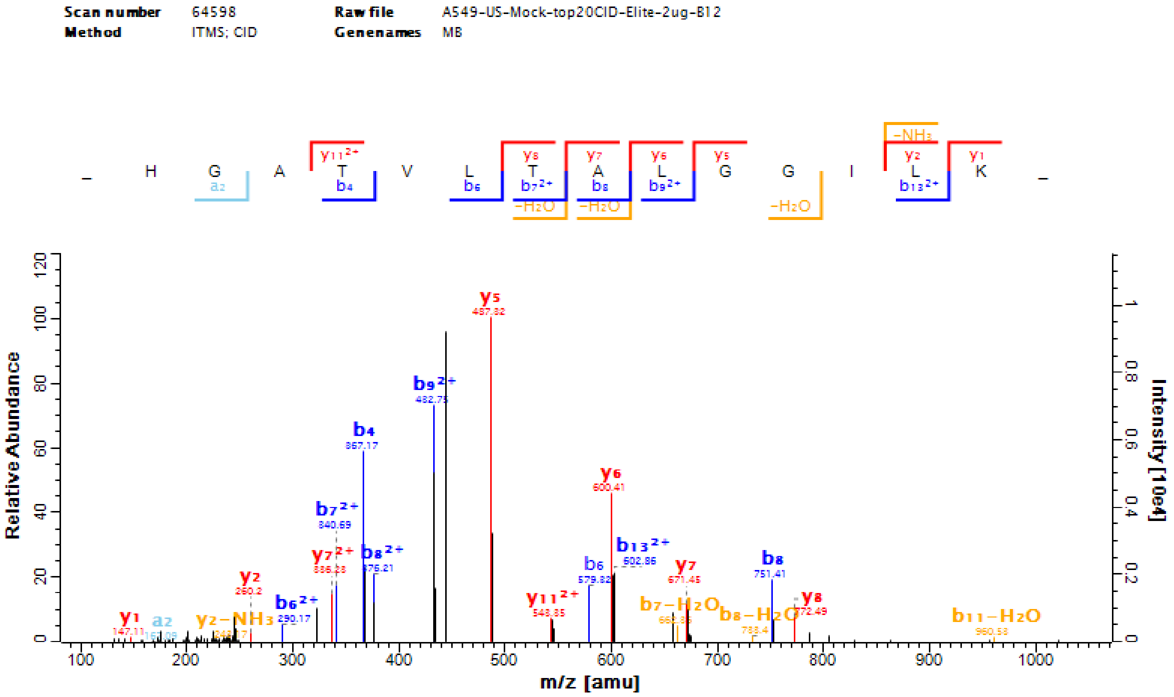
Scan number 11238 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** BNIP3L



Protein Group ID: 136
Protein Accession Numbers: Q8N3F8; Q68D58; B0QY91
Gene Names: MICALL1;DKFZp686M2226
Peptide Sequence: VLMQELVTLIEQR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 134.9
Best Match Posterior Error Probability: 3.98E-05
Best Match Spectrum:



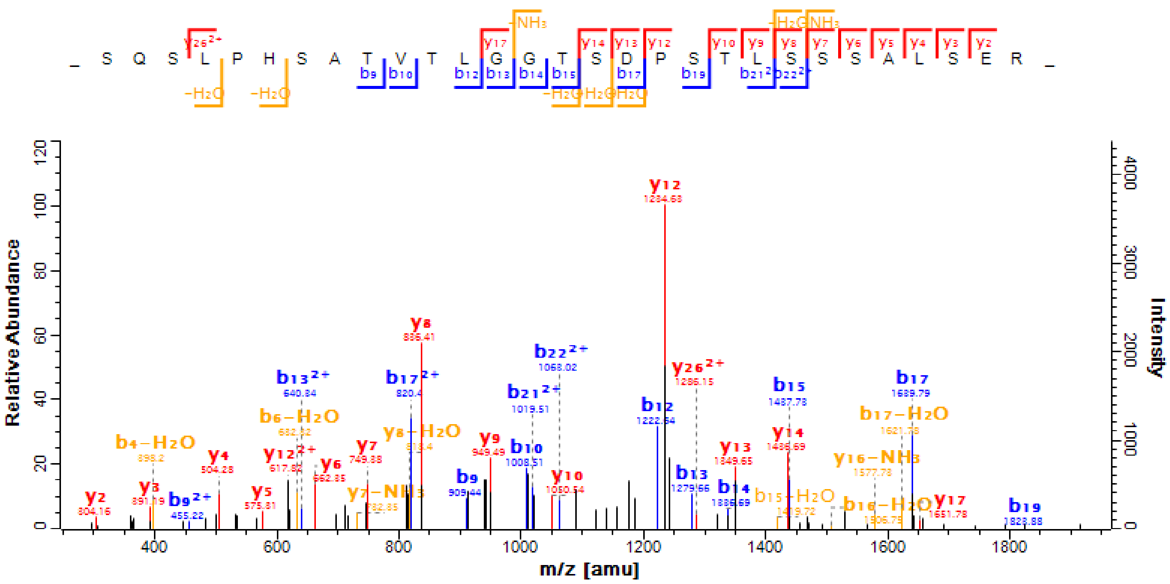
Protein Group ID: 137
Protein Accession Numbers: P02144; B0QYF8; F2Z2F1; Q8WVH6; B0QYF7
Gene Names: MB
Peptide Sequence: HGATVLTALGGILK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 95.094
Best Match Posterior Error Probability: 0.00071244
Best Match Spectrum:



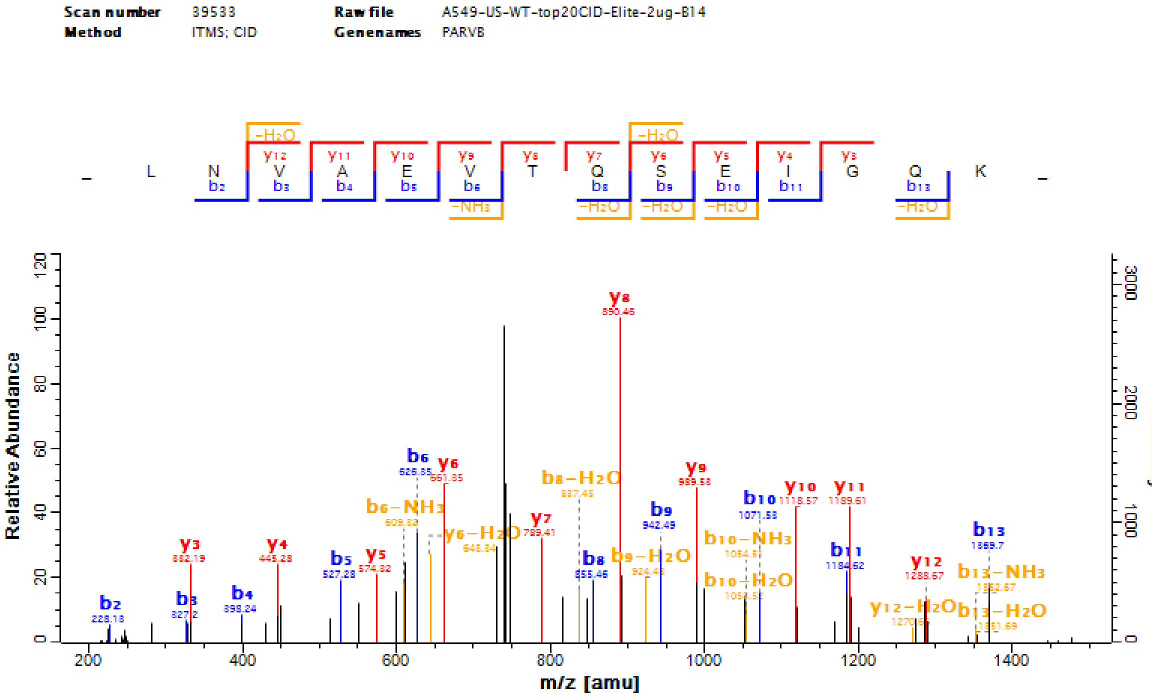
Scan number 64598
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B12
Genenames MB

Protein Group ID: 138
Protein Accession Numbers: Q8WUA7; B0QYI3; Q8WUA7-3; F8WDP1
Gene Names: TBC1D22A
Peptide Sequence: SQSLPHSATVTLGGTSDPSTLSSSALSER
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 99.753
Best Match Posterior Error Probability: 2.66E-09
Best Match Spectrum:

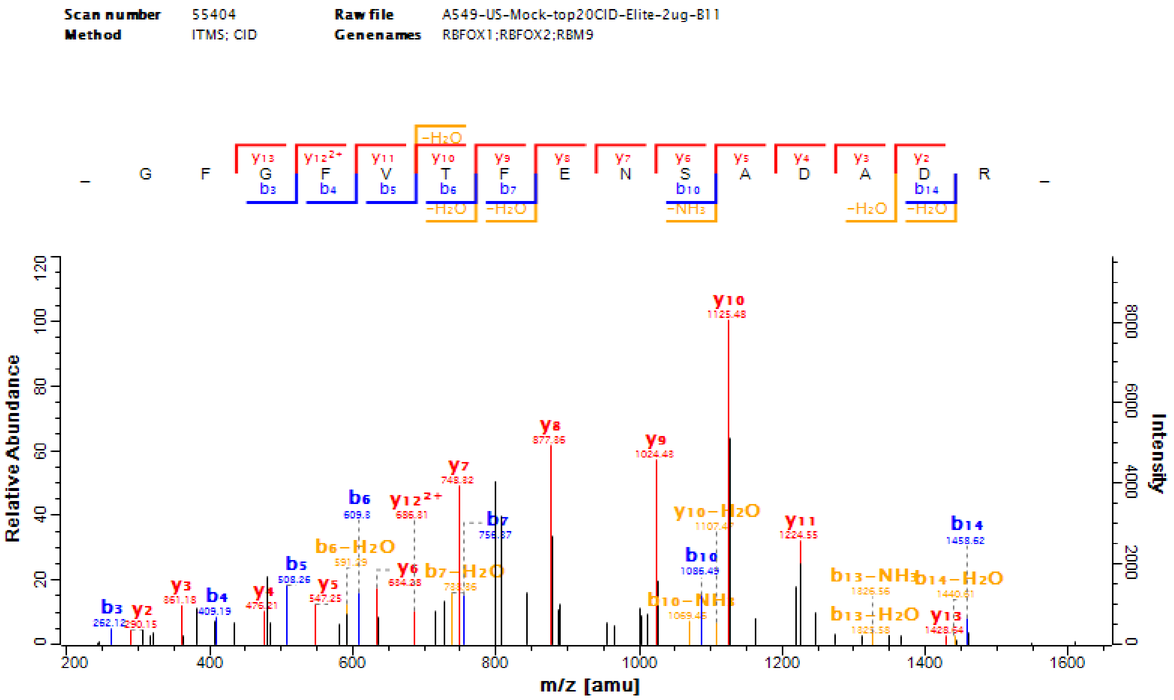
Scan number 45987 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** TBC1D22A



Protein Group ID: 140
Protein Accession Numbers: Q9HBI1-2; Q9HBI1; B0QYM8; B0QYP8
Gene Names: PARVB
Peptide Sequence: LNVAEVTQSEIGQK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 179.56
Best Match Posterior Error Probability: 1.92E-15
Best Match Spectrum:

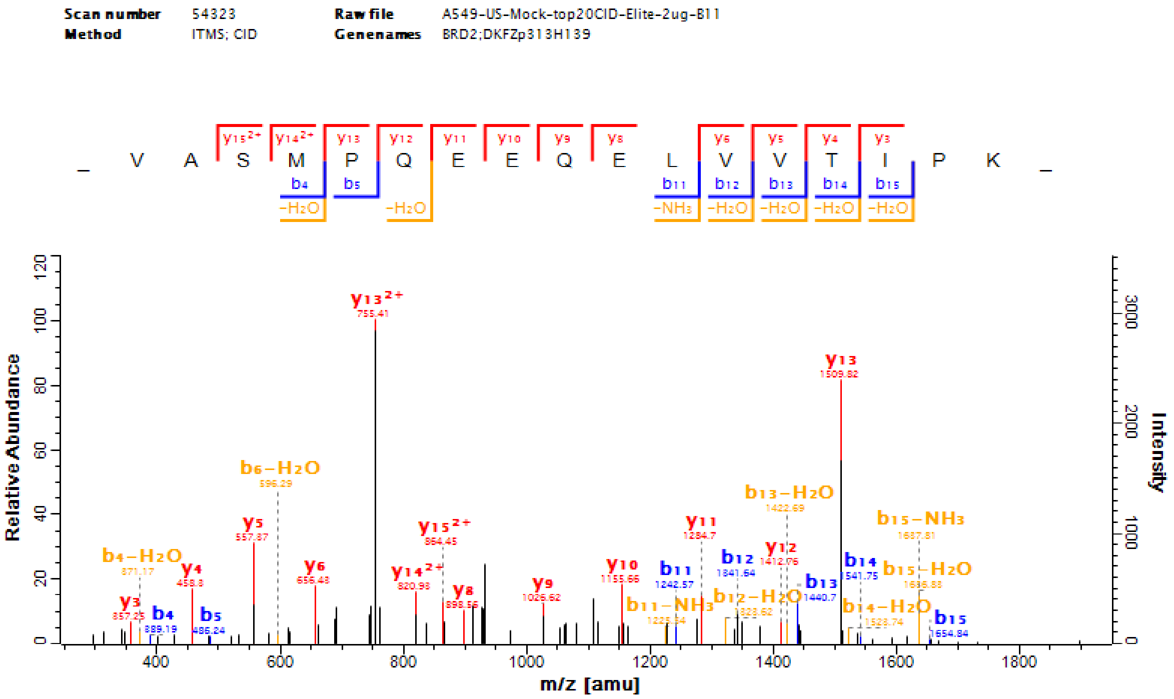


Protein Group ID: 141
Protein Accession Numbers: F8VZG9; O43251-8; O43251-6; B7Z1U7; Q9NWB1-2; J3KNW3; O43251-7; Q9NWB1; Q9NWB1-5; Q9NWB1-4; O43251; O43251-2; O43251-10; O43251-5; B0QYY4; O43251-4; Q9NWB1-3; O43251-9; B0QYV1; F8VZY7; F8VR27; B0QYY7; I3L1D4
Gene Names: RBFOX1;RBFOX2;RBM9
Peptide Sequence: GFGFVTFENSADADR
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 130.72
Best Match Posterior Error Probability: 3.15E-05
Best Match Spectrum:

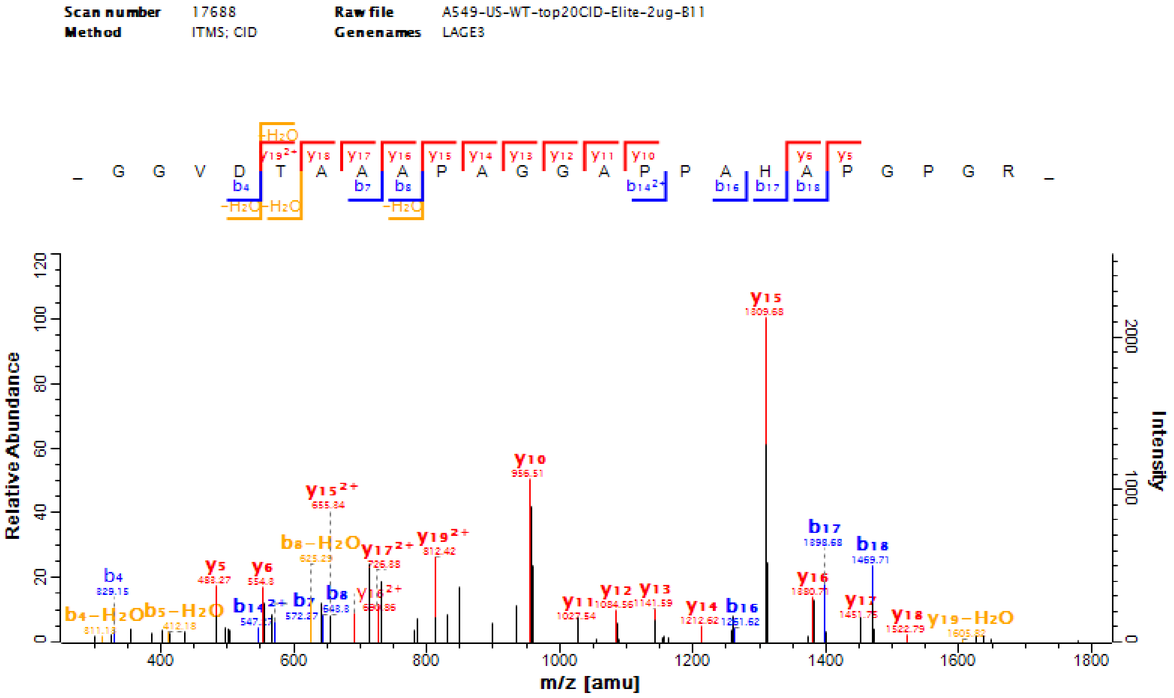


Scan number 55404 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** RBFOX1;RBFOX2;RBM9

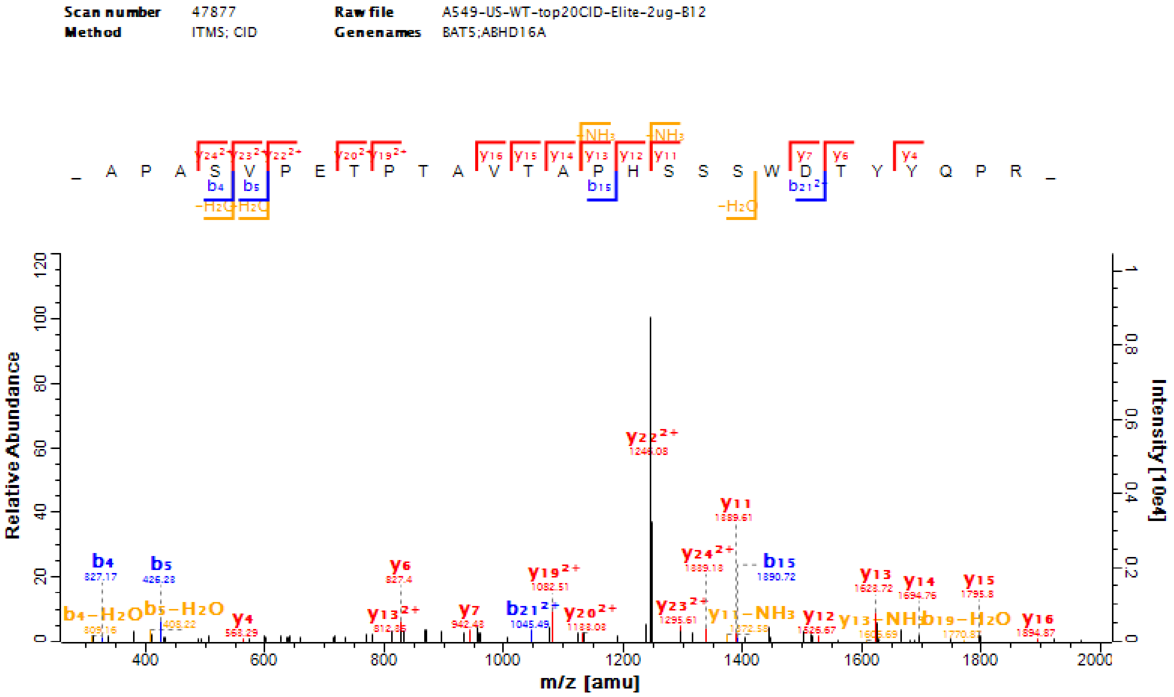
Protein Group ID: 142
Protein Accession Numbers: B0S7P1; P25440-2; H0Y5T9; H0Y6K2; P25440; F8VXF8; Q658Y7; B0V073; H0Y602; B0V072; E9PIQ3; H0Y799; H0Y801
Gene Names: BRD2;DKFZp313H139
Peptide Sequence: VASMPQEEQELVVTIPK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 124.68
Best Match Posterior Error Probability: 0.00011291
Best Match Spectrum:



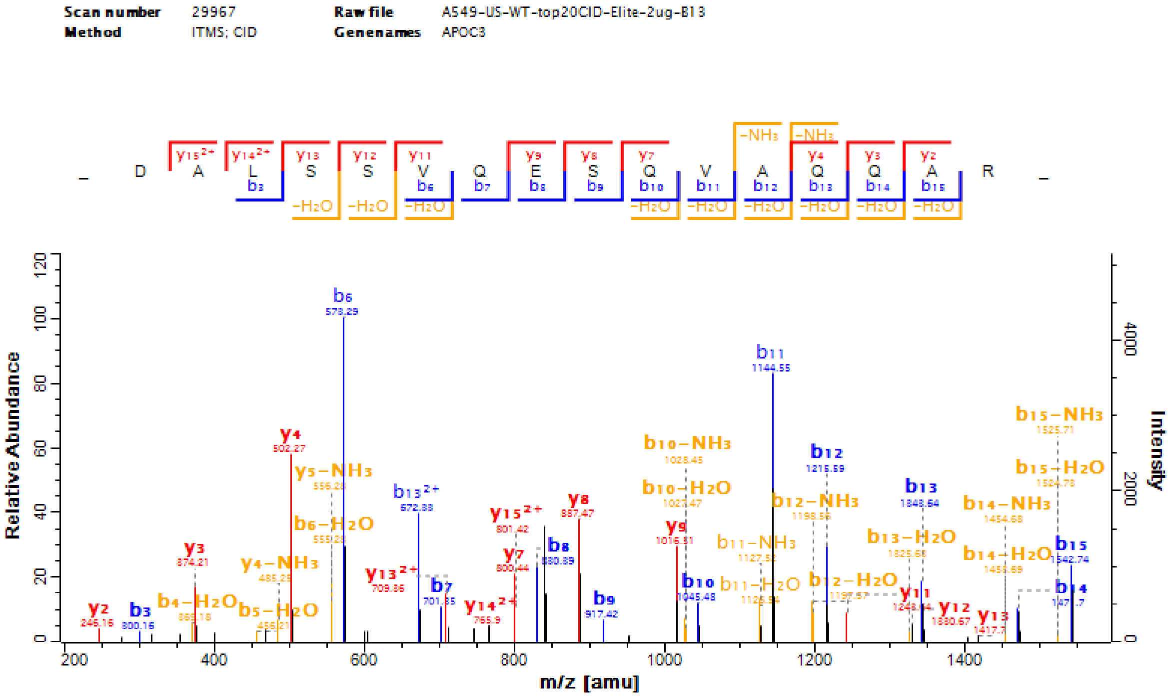
Protein Group ID: 144
Protein Accession Numbers: Q14657; B0S8I7
Gene Names: LAGE3
Peptide Sequence: GGVDTAAAPAGGAPPAHAPGPGR
Total Number of Spectra: 11
Number of Replicates (out of 8): 6
Best Match Score: 88.176
Best Match Posterior Error Probability: 1.41E-05
Best Match Spectrum:



Protein Group ID: 146
Protein Accession Numbers: B0UXB6; O95870; F2Z3H2
Gene Names: BAT5;ABHD16A
Peptide Sequence: APASVPETPTAVTAPHSSSWDTYYQPR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 73.11
Best Match Posterior Error Probability: 0.00014838
Best Match Spectrum:

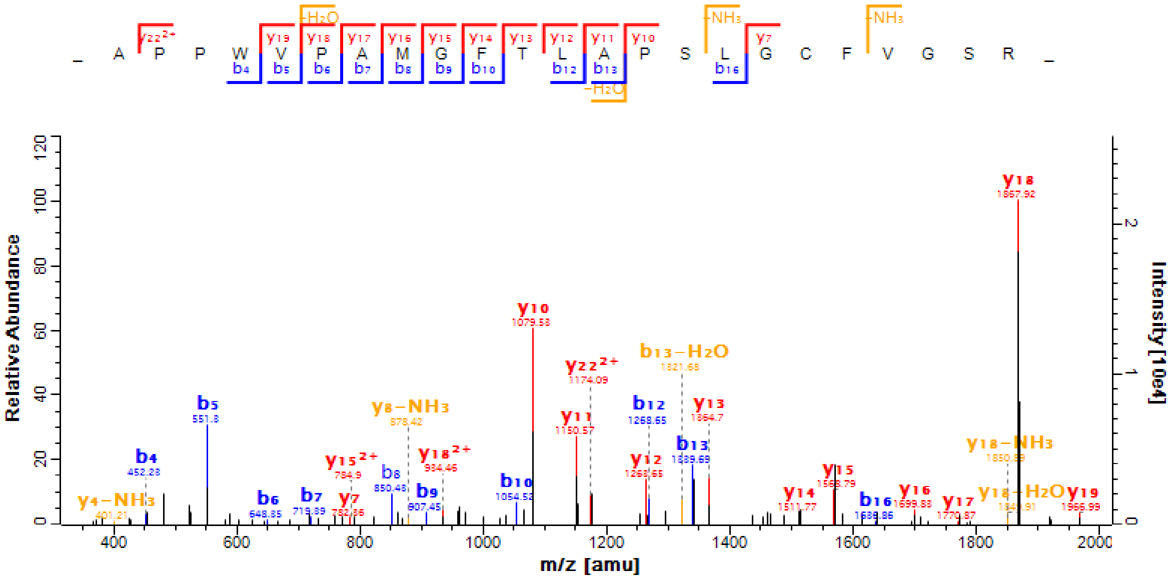


Protein Group ID: 149
Protein Accession Numbers: B0YIW2; P02656
Gene Names: APOC3
Peptide Sequence: DALSSVQESQVAQQAR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 231.71
Best Match Posterior Error Probability: 1.45E-63
Best Match Spectrum:

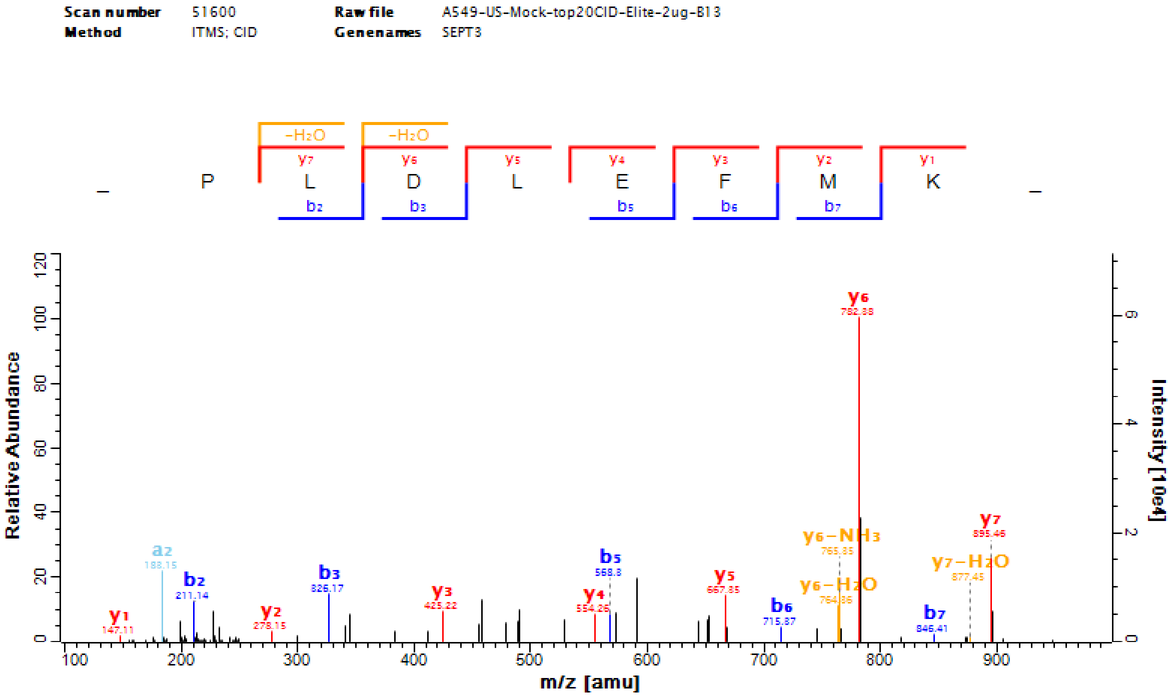


Protein Group ID: 150
Protein Accession Numbers: P30536; B1AH87
Gene Names: TSPO
Peptide Sequence: APPWVPAMGFTLAPSLGCFVGSR
Total Number of Spectra: 16
Number of Replicates (out of 8): 8
Best Match Score: 125.23
Best Match Posterior Error Probability: 2.81E-11
Best Match Spectrum:

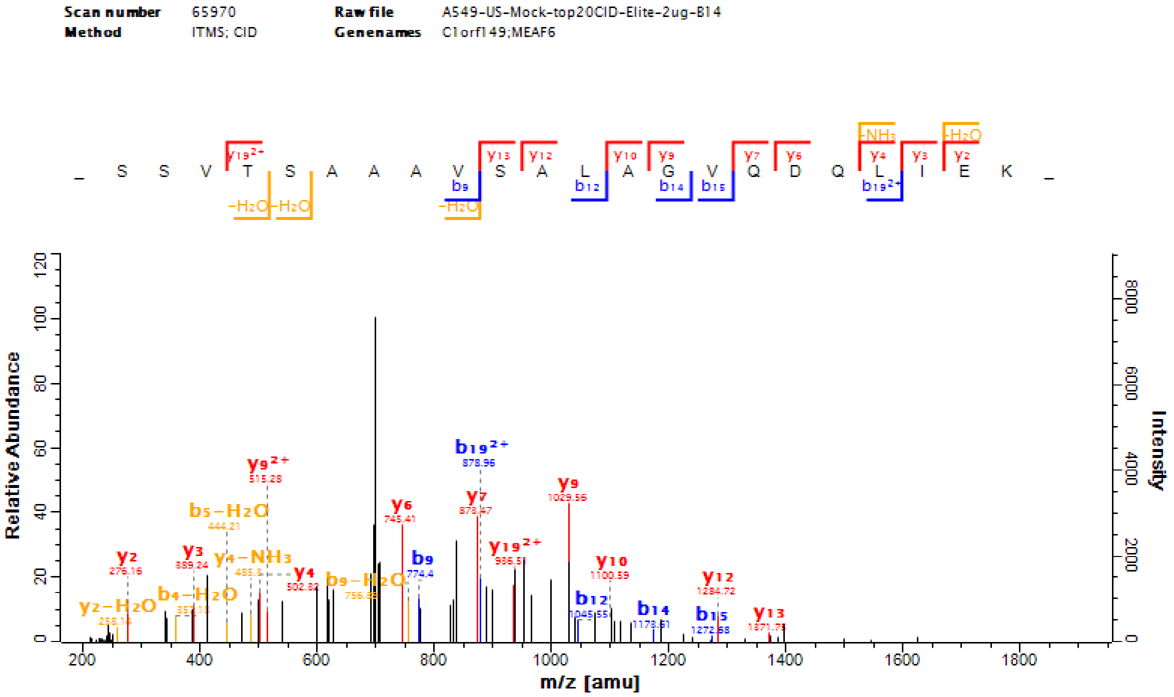
Scan number 87976 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** TSPO



Protein Group ID: 154
Protein Accession Numbers: Q9UH03; Q9UH03-2; B1AHR1; B7Z686
Gene Names: Sep-03
Peptide Sequence: PLDLEFMK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 135.83
Best Match Posterior Error Probability: 0.00085718
Best Match Spectrum:

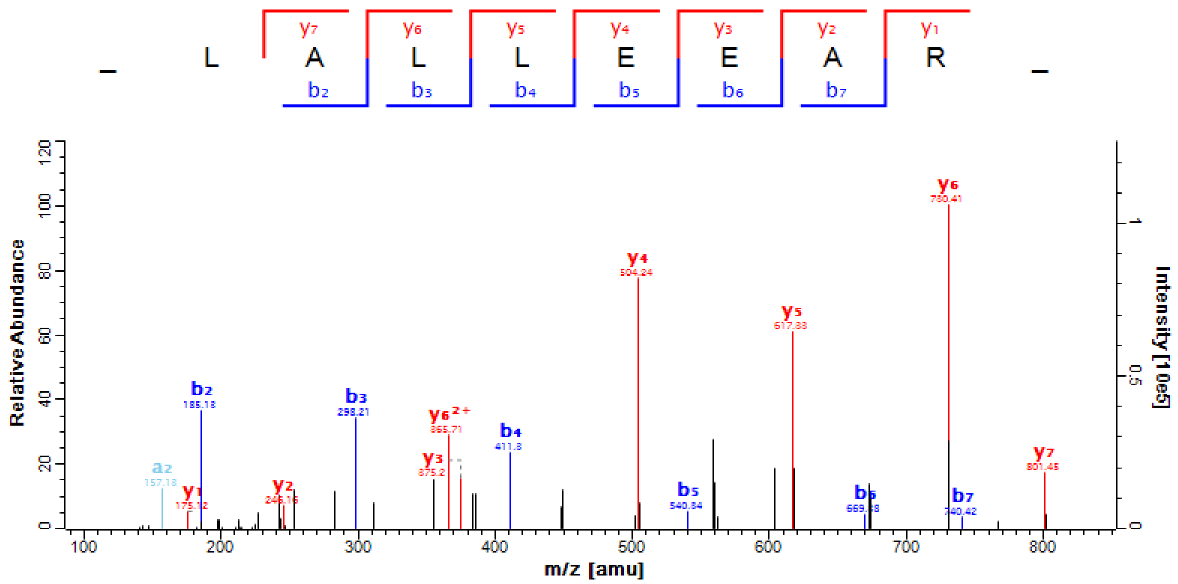


Protein Group ID: 158
Protein Accession Numbers: Q9HAF1-3; B1AK64; Q9HAF1; Q9HAF1-2; B1AK63
Gene Names: C1orf149;MEAF6
Peptide Sequence: SSVTSAAAVSALAGVQDQLIEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 67.251
Best Match Posterior Error Probability: 0.0011892
Best Match Spectrum:

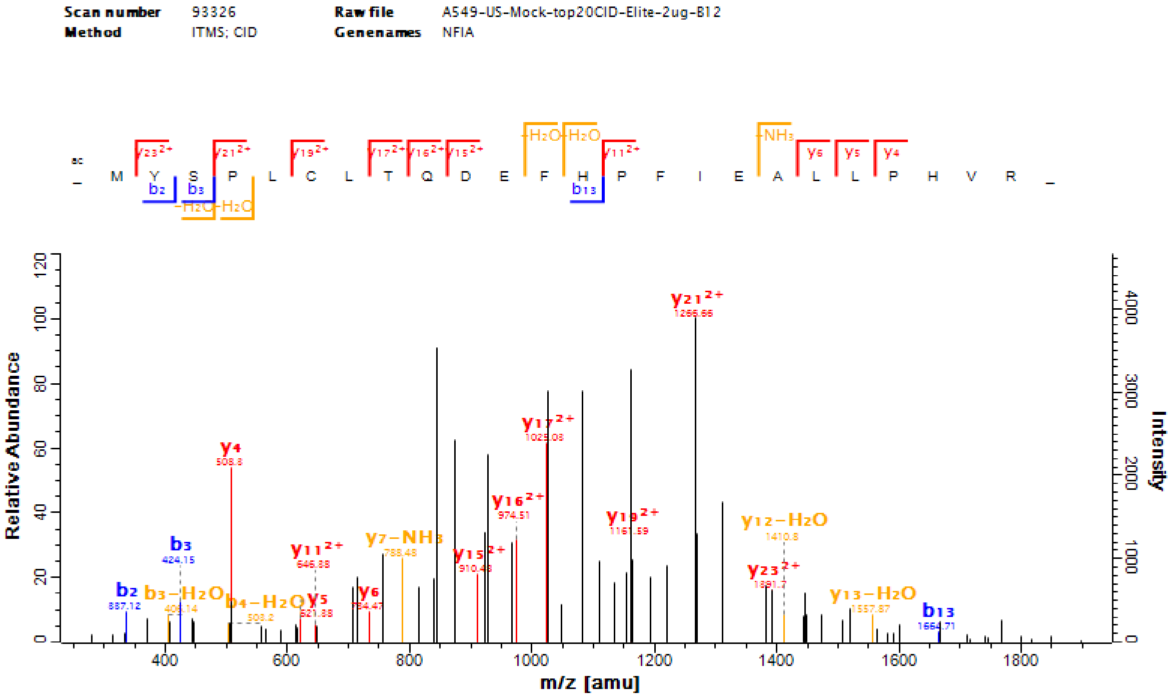


Protein Group ID: 160
Protein Accession Numbers: Q5TZA2; B1AKD8; Q5TZA2-2
Gene Names: CROCC
Peptide Sequence: LALLEEAR
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 112.84
Best Match Posterior Error Probability: 0.0026712
Best Match Spectrum:

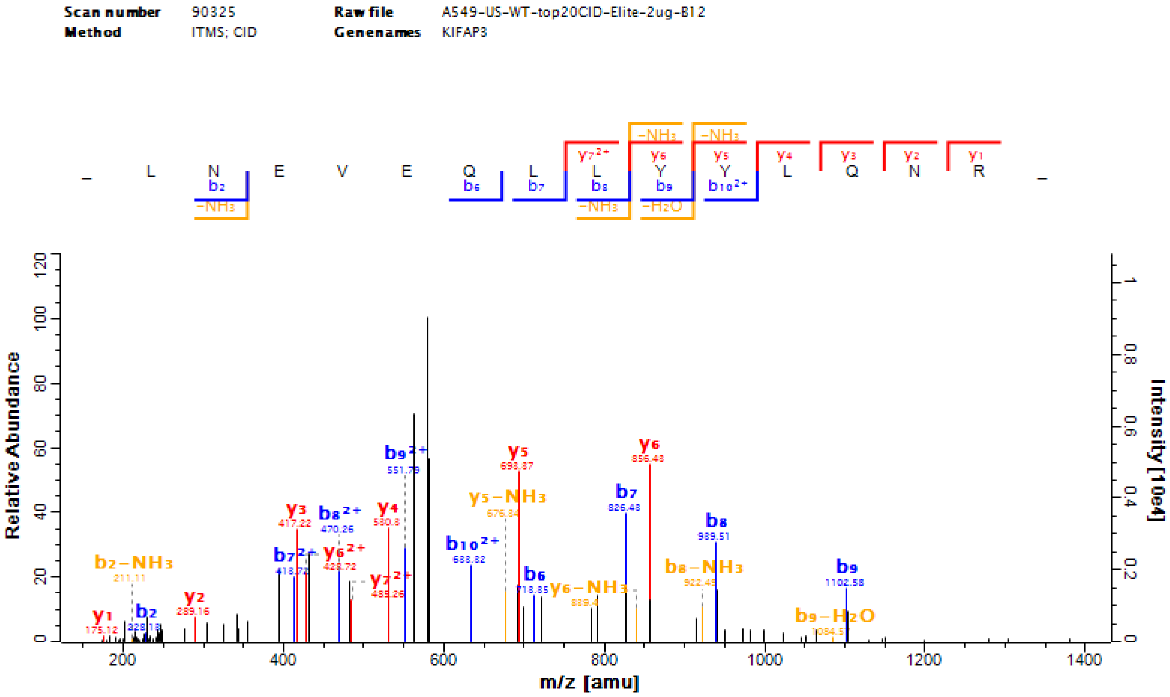
Scan number	32663	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	CROCC



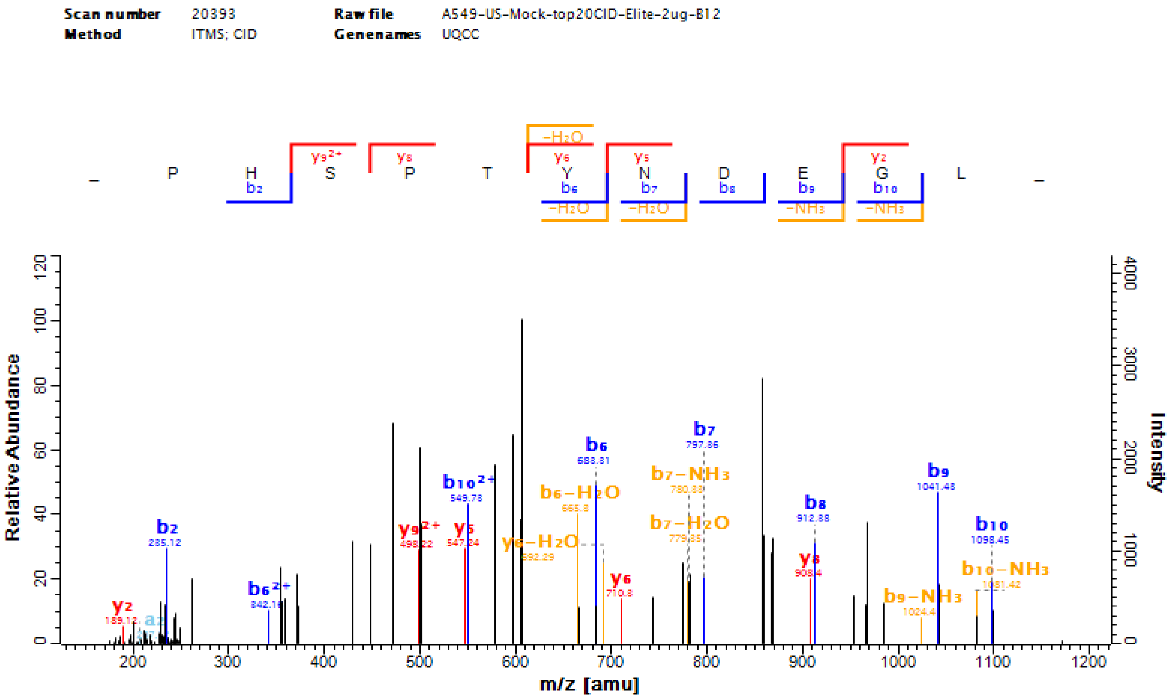
Protein Group ID: 163
Protein Accession Numbers: Q12857; Q12857-2; B1AKN5; B1AKN7; B1AKN6
Gene Names: NFIA
Peptide Sequence: MYSPLCLTQDEFHPFIEALLPHVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 76.155
Best Match Posterior Error Probability: 0.00019868
Best Match Spectrum:



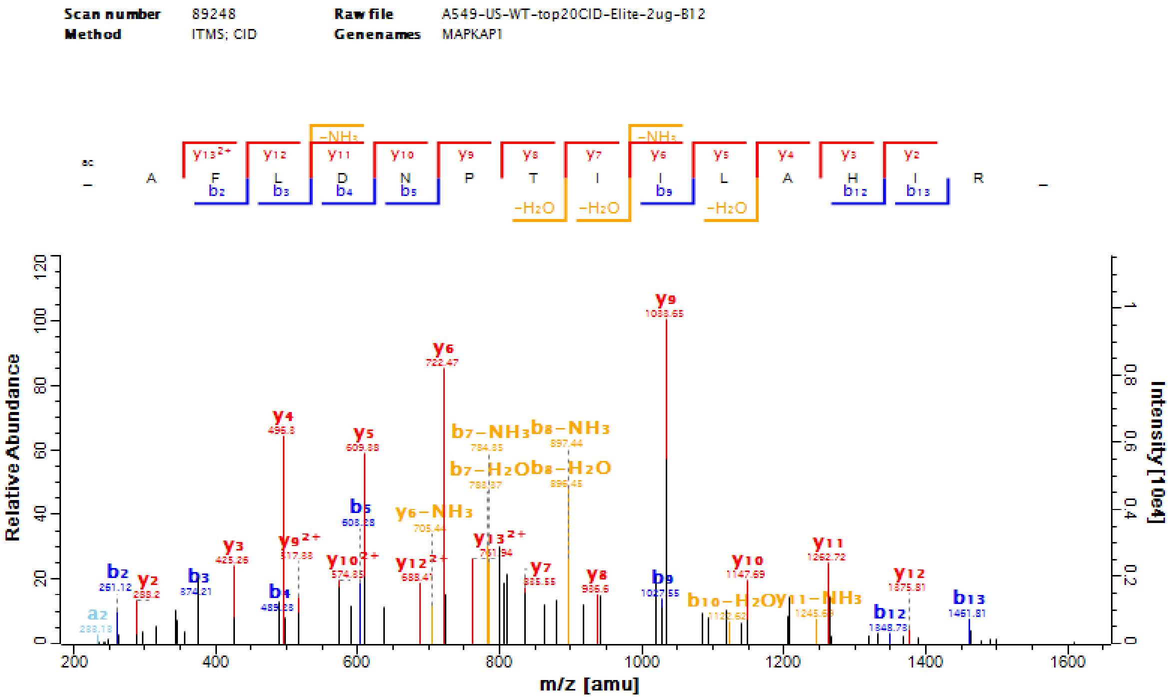
Protein Group ID: 164
Protein Accession Numbers: Q92845; B1AKU4; Q92845-2
Gene Names: KIFAP3
Peptide Sequence: LNEVEQLLYYLQNR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 102.97
Best Match Posterior Error Probability: 0.00028661
Best Match Spectrum:



Protein Group ID: 165
Protein Accession Numbers: Q9NVA1; Q9NVA1-2; Q9NVA1-4; Q9NVA1-5; B1AKV4; B7Z314; H7BYA2; Q9NVA1-3; B7Z7J8; B7Z1C6
Gene Names: UQCC
Peptide Sequence: PHSPTYNDEGL
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 114.89
Best Match Posterior Error Probability: 0.00010499
Best Match Spectrum:

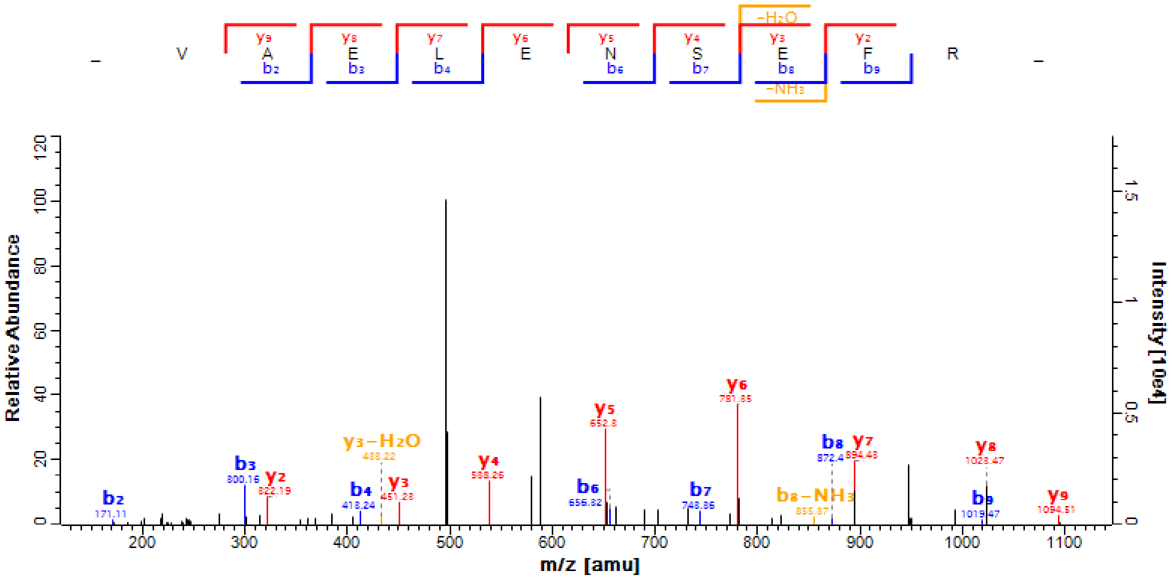


Protein Group ID: 168
Protein Accession Numbers: Q9BPZ7; Q9BPZ7-2; Q9BPZ7-3; Q9BPZ7-6; Q9BPZ7-5; B1AMB2; B1AMB1
Gene Names: MAPKAP1
Peptide Sequence: AFLDNPTIILAHIR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 162.93
Best Match Posterior Error Probability: 1.69E-09
Best Match Spectrum:

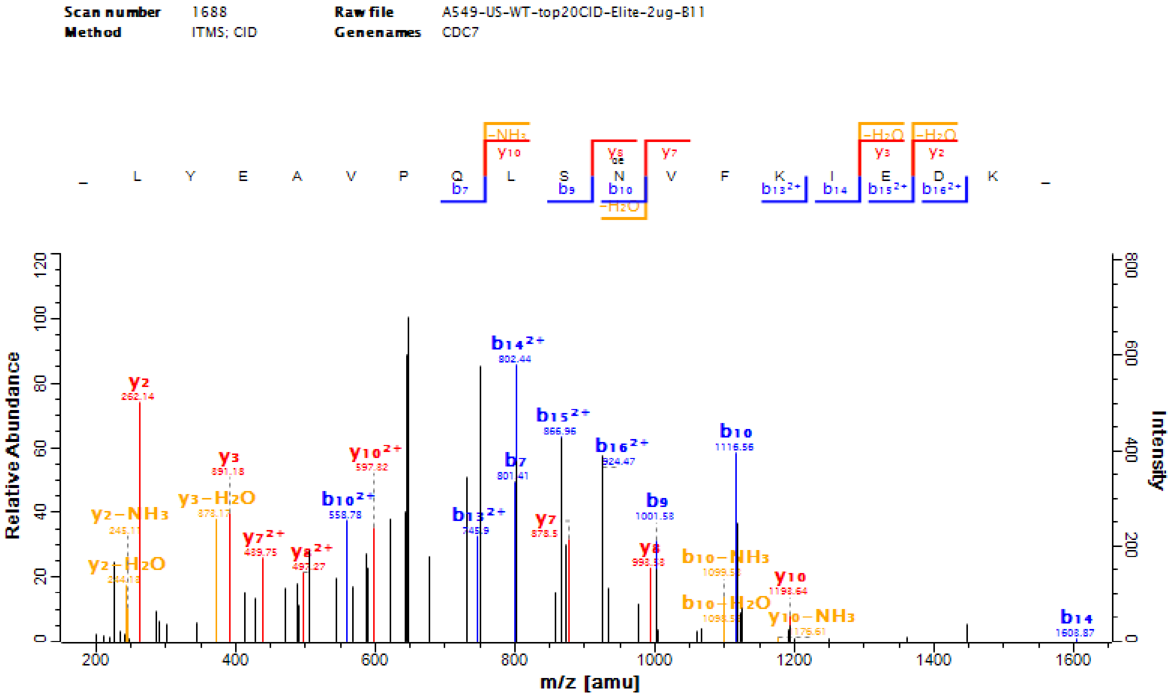


Protein Group ID: 171
Protein Accession Numbers: P19256; P19256-3; B1AMW1; P19256-2; H0YDI1
Gene Names: CD58
Peptide Sequence: VAELENSEFR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 96.604
Best Match Posterior Error Probability: 0.0011276
Best Match Spectrum:

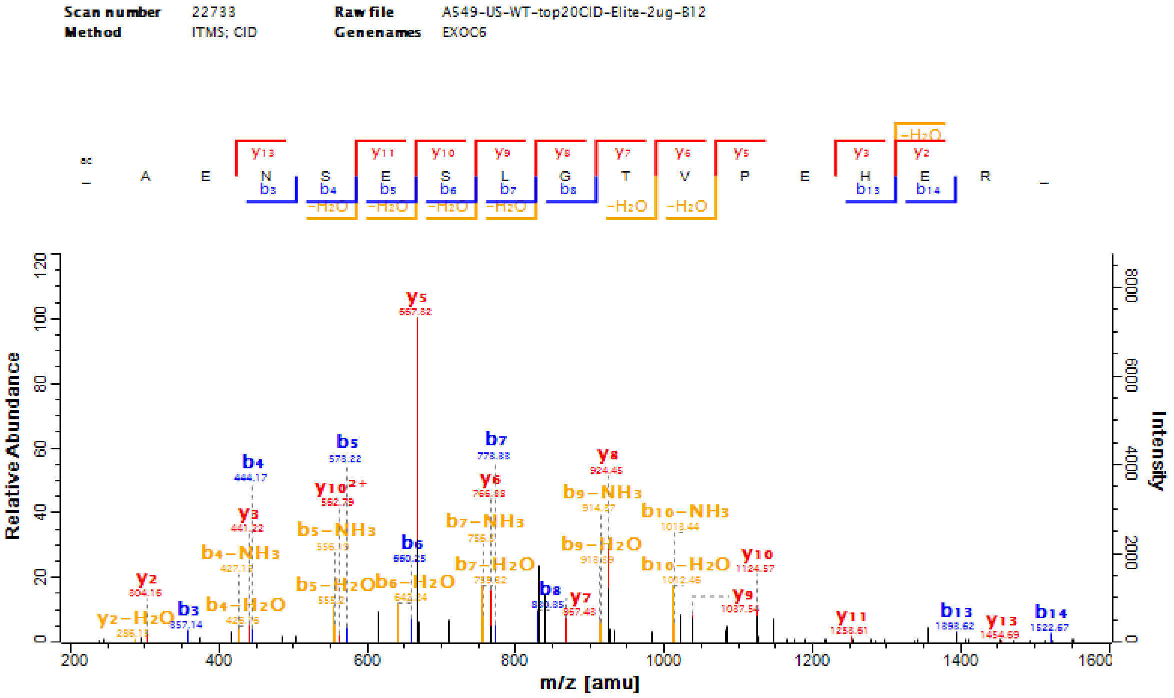
Scan number 25529 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** CD58



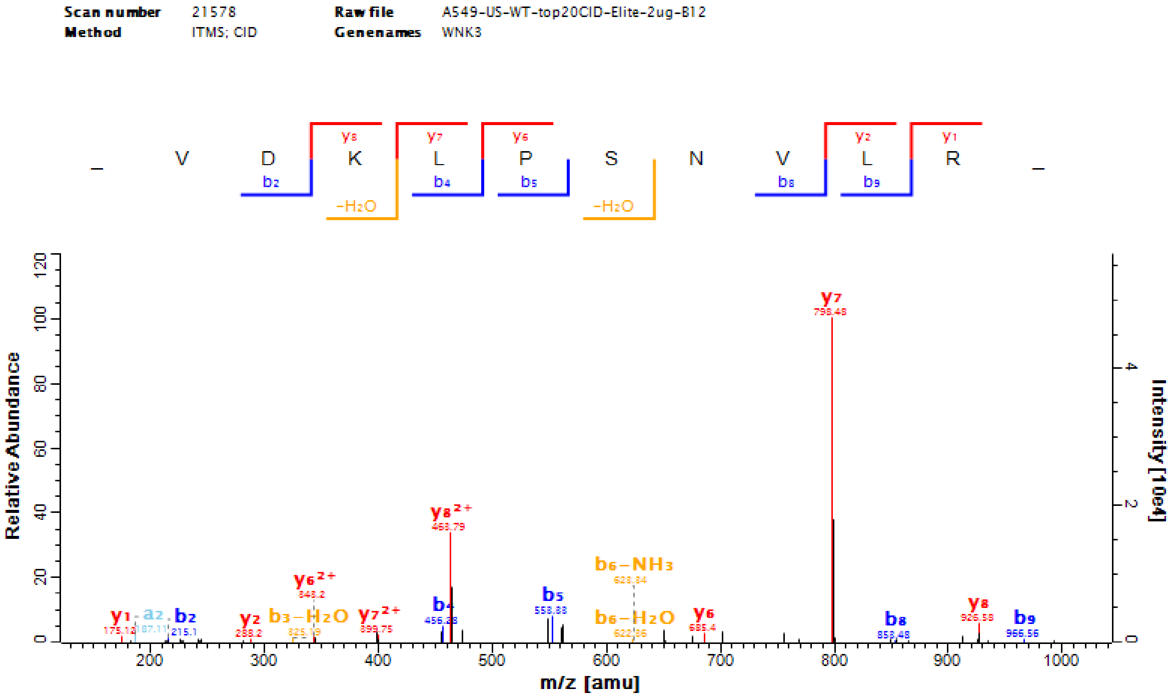
Protein Group ID: 172
Protein Accession Numbers: O00311; B1AMW7
Gene Names: CDC7
Peptide Sequence: LYEAVPQLSNVFKIEDK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 113.4
Best Match Posterior Error Probability: 0.0010543
Best Match Spectrum:



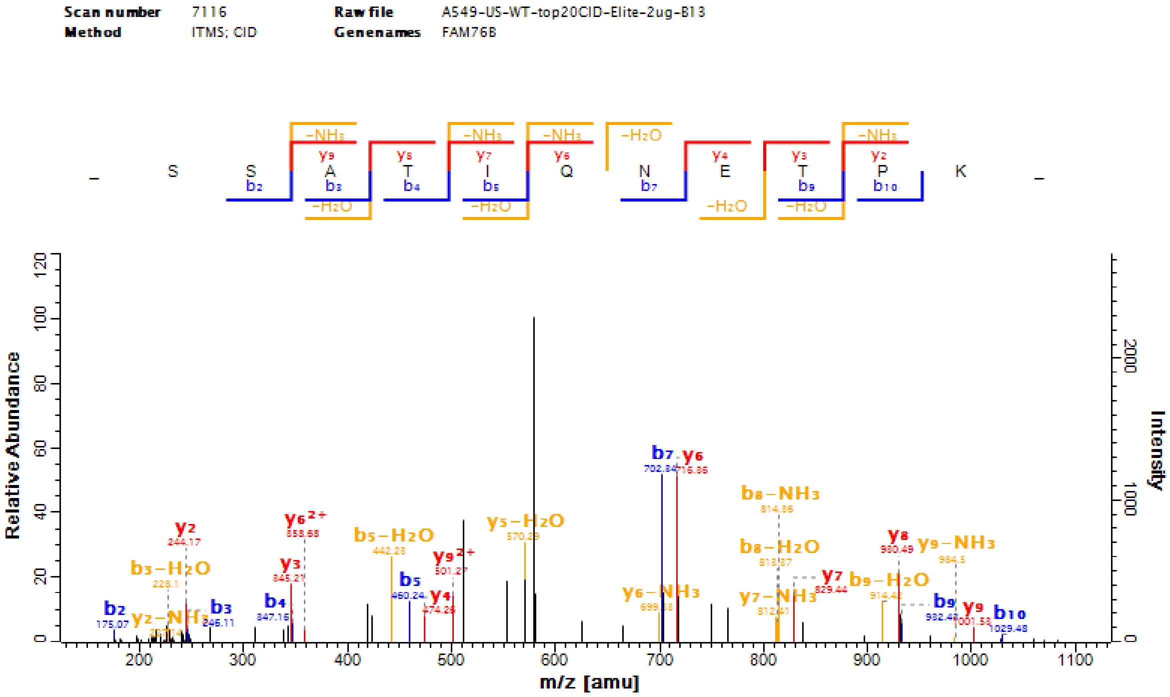
Protein Group ID: 179
Protein Accession Numbers: Q8TAG9; E7EW84; B1AP46
Gene Names: EXOC6
Peptide Sequence: AENSESLGTVPEHER
Total Number of Spectra: 8
Number of Replicates (out of 8): 5
Best Match Score: 140.22
Best Match Posterior Error Probability: 1.92E-05
Best Match Spectrum:



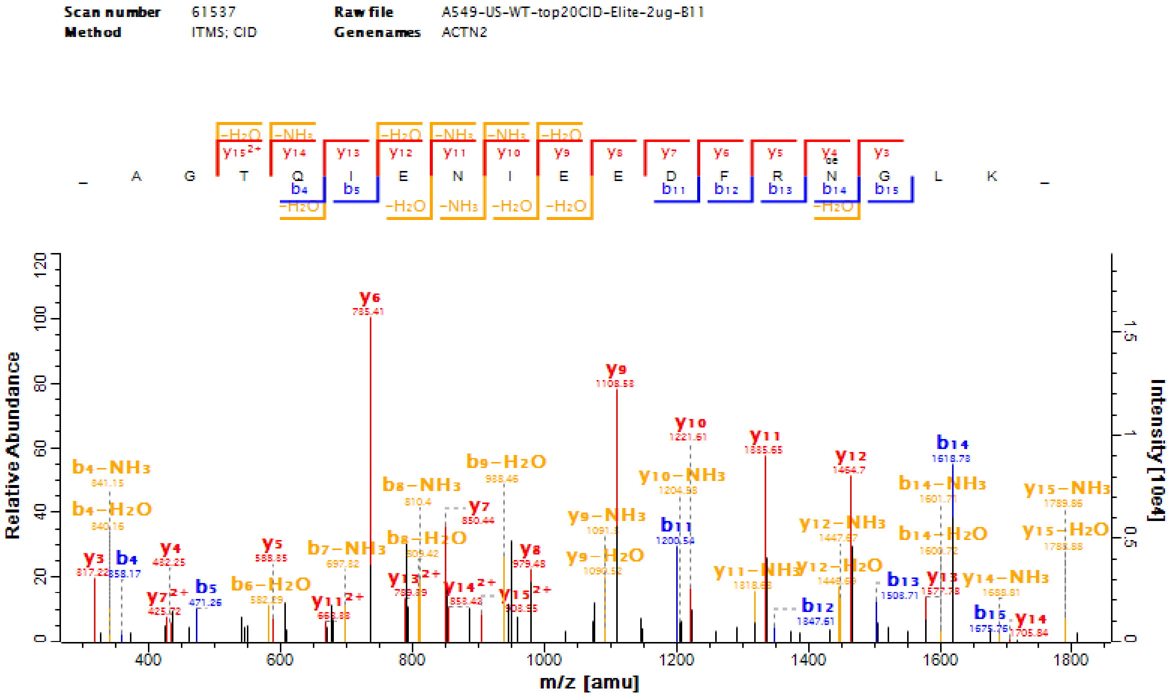
Protein Group ID: 181
Protein Accession Numbers: Q9BYP7; Q9BYP7-2; Q9BYP7-4; Q9BYP7-3; B1AQN8
Gene Names: WNK3
Peptide Sequence: VDKLPSNVLR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 104.79
Best Match Posterior Error Probability: 0.002608
Best Match Spectrum:



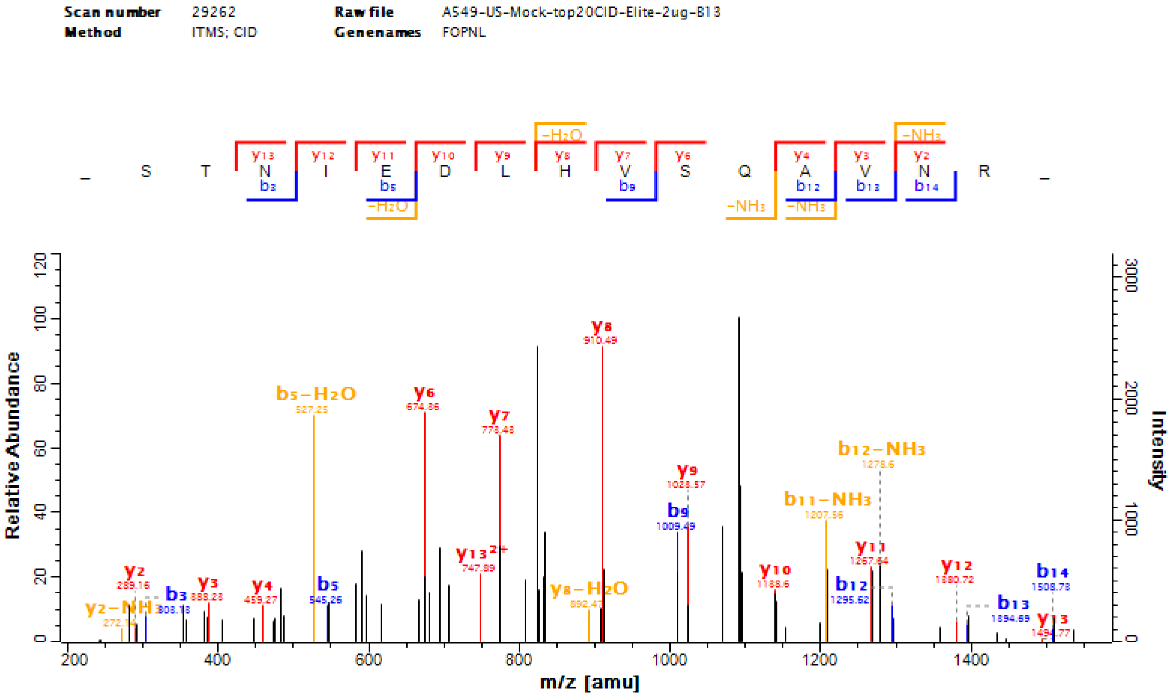
Protein Group ID: 185
Protein Accession Numbers: Q5HYJ3; F5GX09; B2R9C2; Q5HYJ3-2
Gene Names: FAM76B
Peptide Sequence: SSATIQNETPK
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 146.16
Best Match Posterior Error Probability: 1.14E-05
Best Match Spectrum:



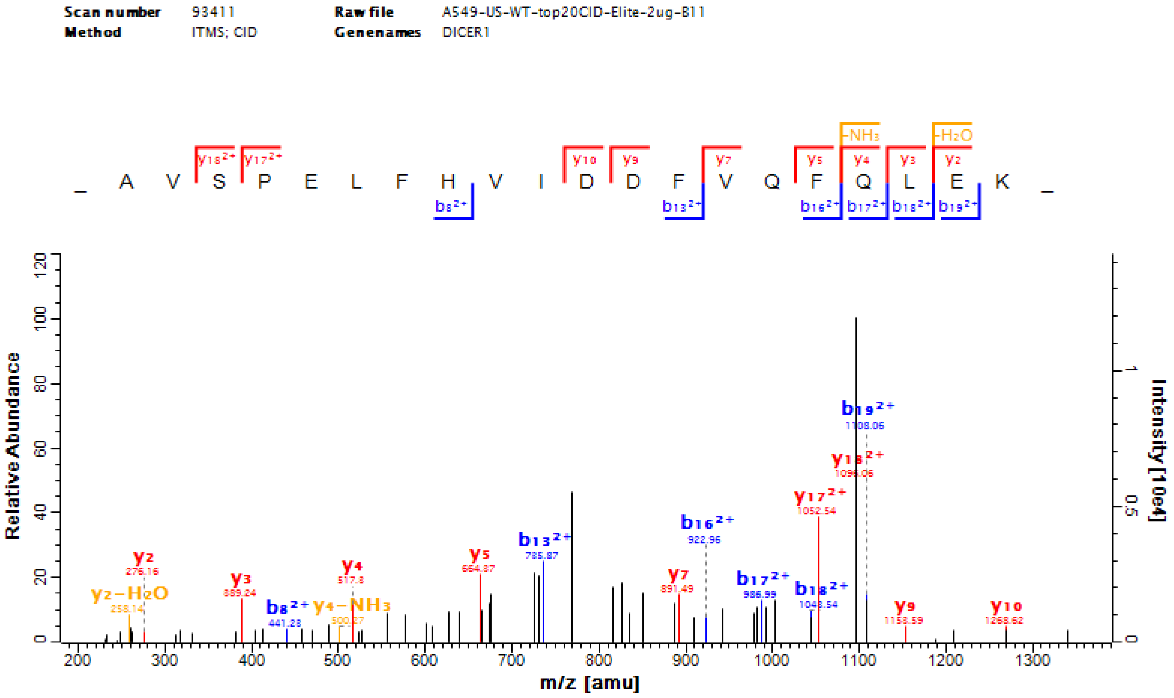
Protein Group ID: 186
Protein Accession Numbers: B2RCS5; P35609
Gene Names: ACTN2
Peptide Sequence: AGTQIENIEEDFRNGLK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 211.9
Best Match Posterior Error Probability: 1.67E-38
Best Match Spectrum:



Protein Group ID: 191
Protein Accession Numbers: I3NI25; Q96NB1; I3L269; B3KPU9
Gene Names: FOPNL
Peptide Sequence: STNIEDLHVSQAVNR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 94.569
Best Match Posterior Error Probability: 0.00050687
Best Match Spectrum:

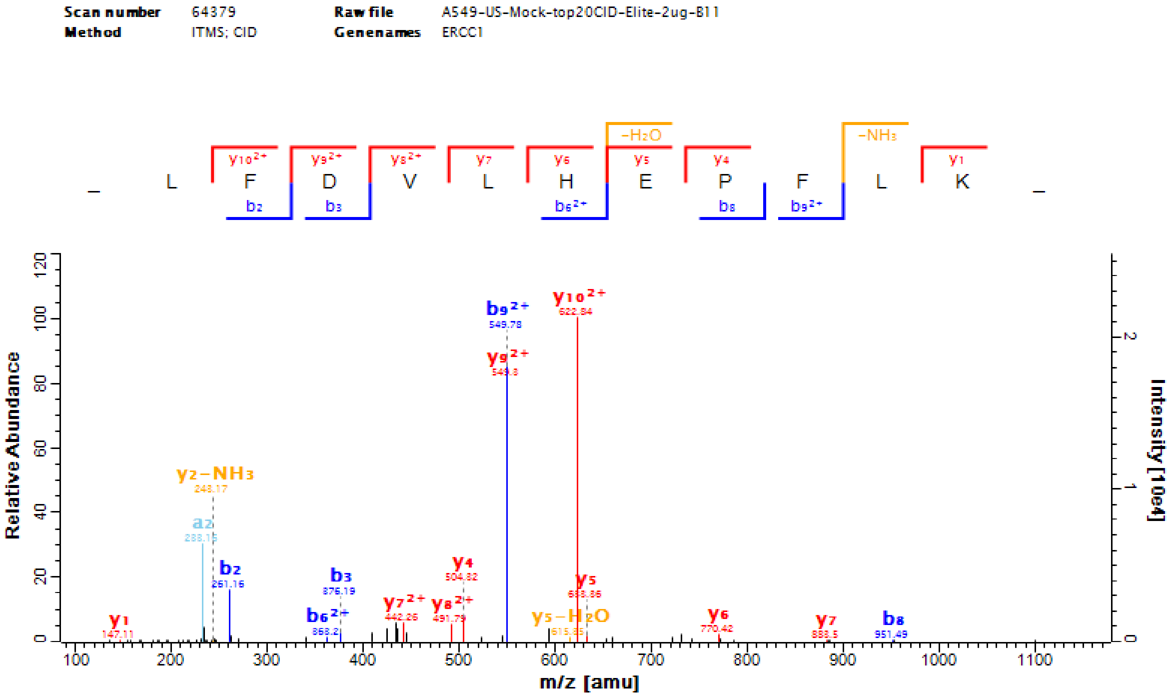


Protein Group ID: 197
Protein Accession Numbers: Q9UPY3; Q9UPY3-2; B3KRG4
Gene Names: DICER1
Peptide Sequence: AVSPELFHVIDDFVQFQLEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 69.188
Best Match Posterior Error Probability: 0.002106
Best Match Spectrum:

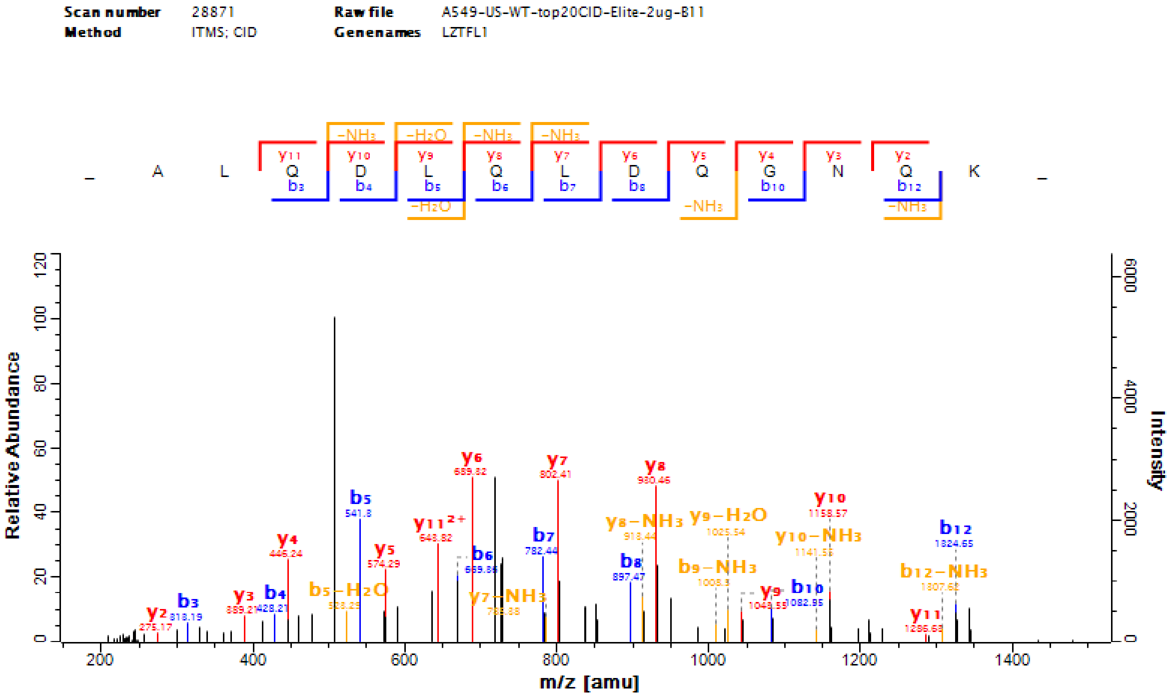


Scan number 93411 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** DICER1

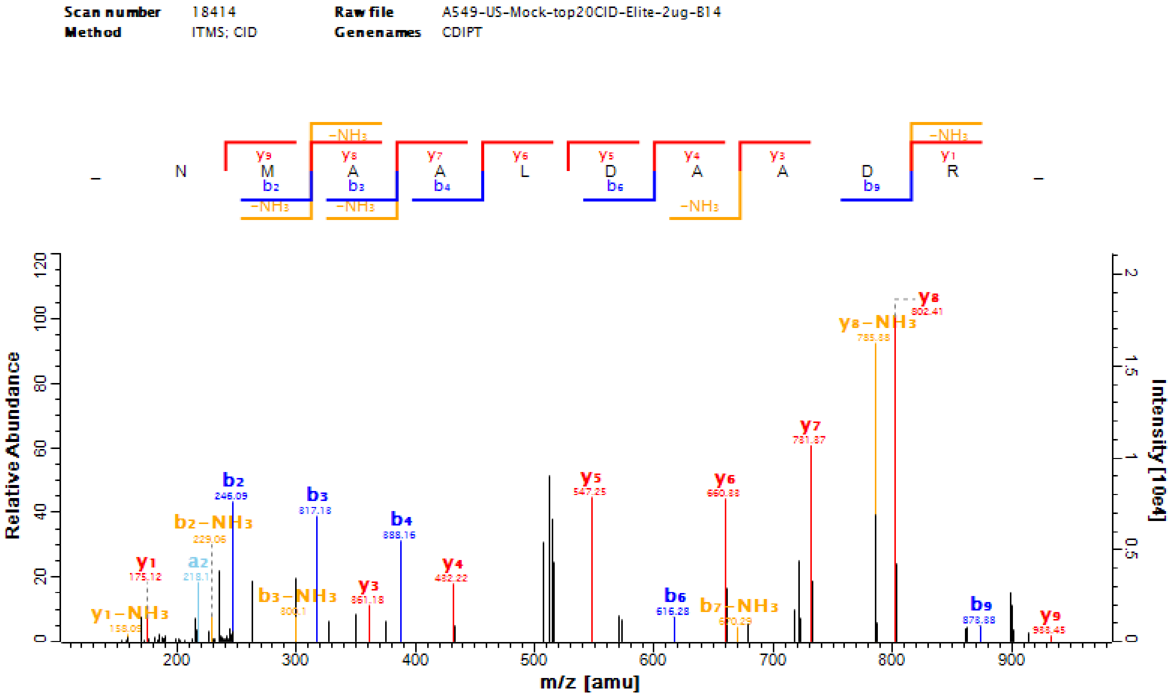
Protein Group ID: 199
Protein Accession Numbers: P07992; P07992-2; B3KRR0
Gene Names: ERCC1
Peptide Sequence: LFDVLHEPFLK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 112.75
Best Match Posterior Error Probability: 0.00012314
Best Match Spectrum:



Protein Group ID: 203
Protein Accession Numbers: Q9NQ48; B3KSI9; F5GWL8; H7C488
Gene Names: LZTFL1
Peptide Sequence: ALQDLQLDQGNQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 155.43
Best Match Posterior Error Probability: 2.83E-07
Best Match Spectrum:

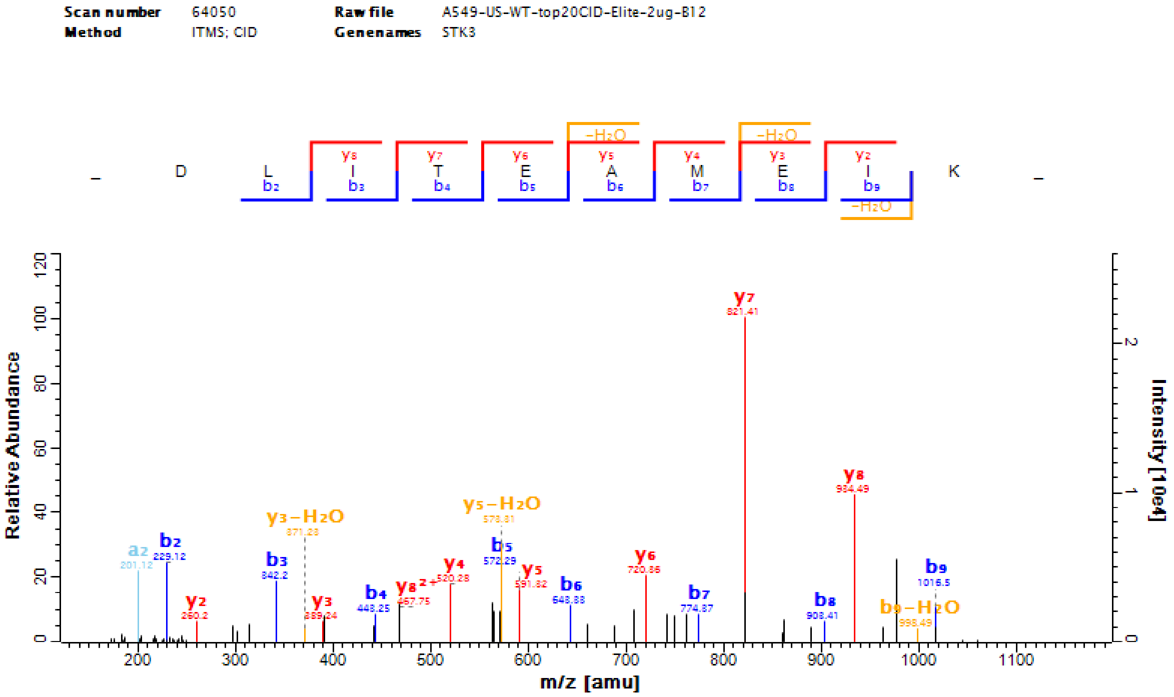


Protein Group ID: 213
Protein Accession Numbers: B3KY94; O14735; H3BTV1
Gene Names: CDIPT
Peptide Sequence: NMAALDAADR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 111.86
Best Match Posterior Error Probability: 0.00029194
Best Match Spectrum:



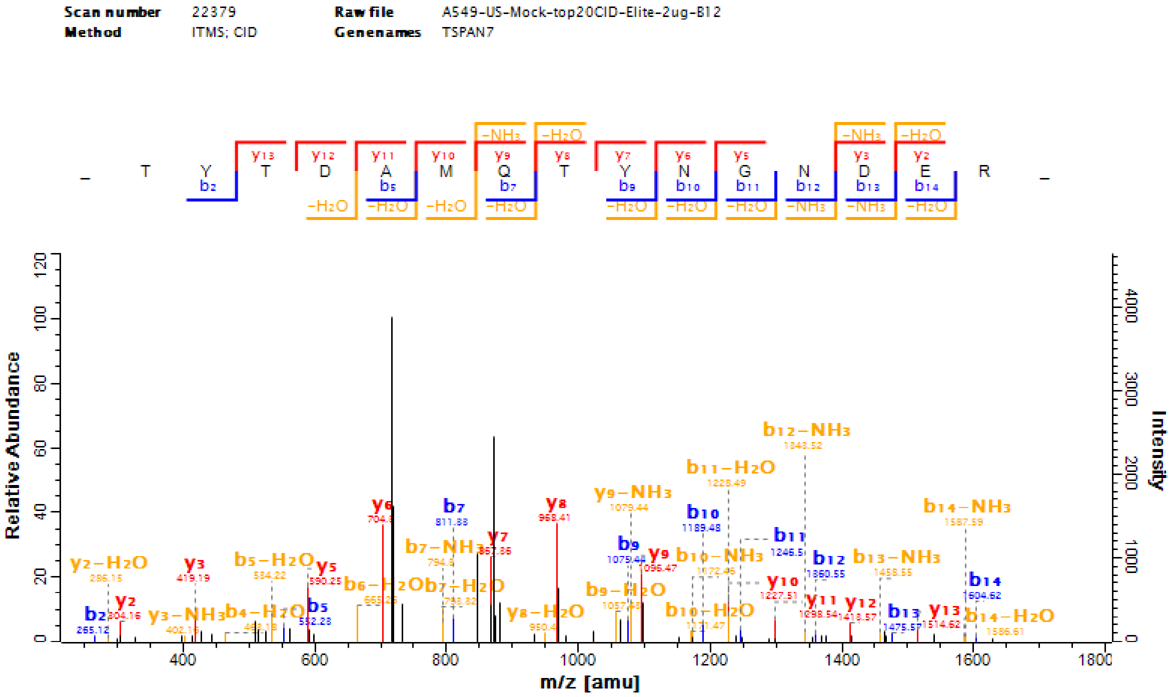
Scan number 18414 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** CDIPT

Protein Group ID: 214
Protein Accession Numbers: B3KYA7; Q13188; E5RFQ9
Gene Names: STK3
Peptide Sequence: DLITEAMEIK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 141.88
Best Match Posterior Error Probability: 1.42E-05
Best Match Spectrum:



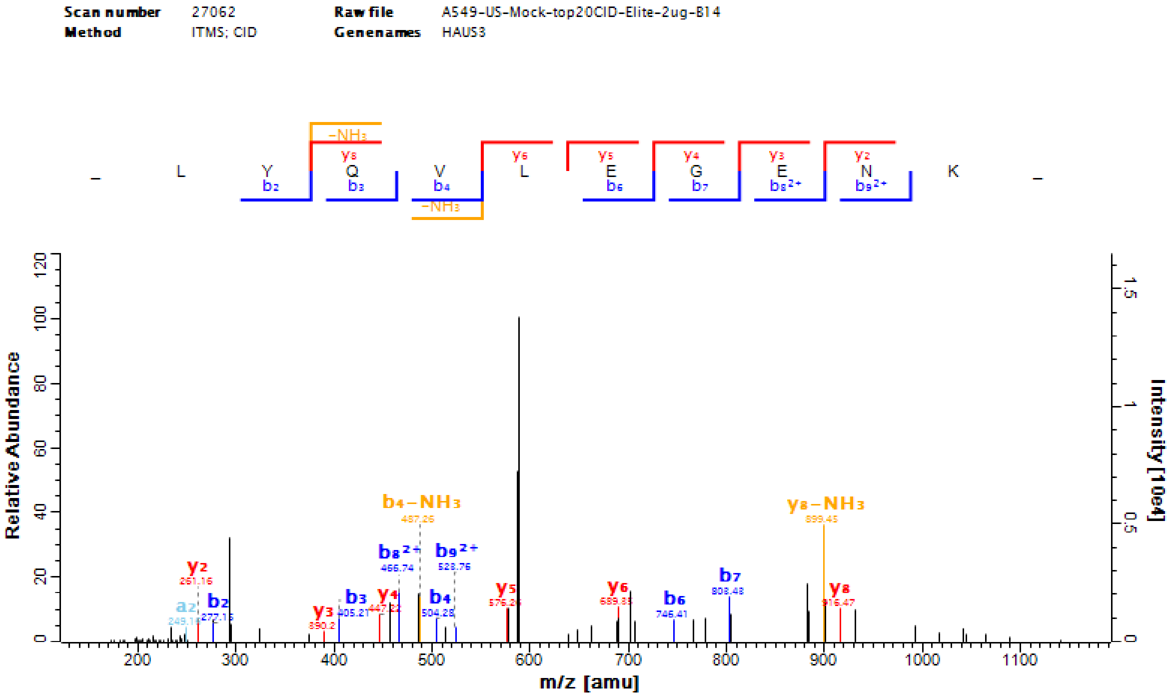
Scan number 64050 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** STK3

Protein Group ID: 217
Protein Accession Numbers: B4E171; B4DEA5; B4DDG0; P41732; B4DEB8
Gene Names: TSPAN7
Peptide Sequence: TYTDAMQTYNGNDER
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 217.48
Best Match Posterior Error Probability: 2.42E-48
Best Match Spectrum:

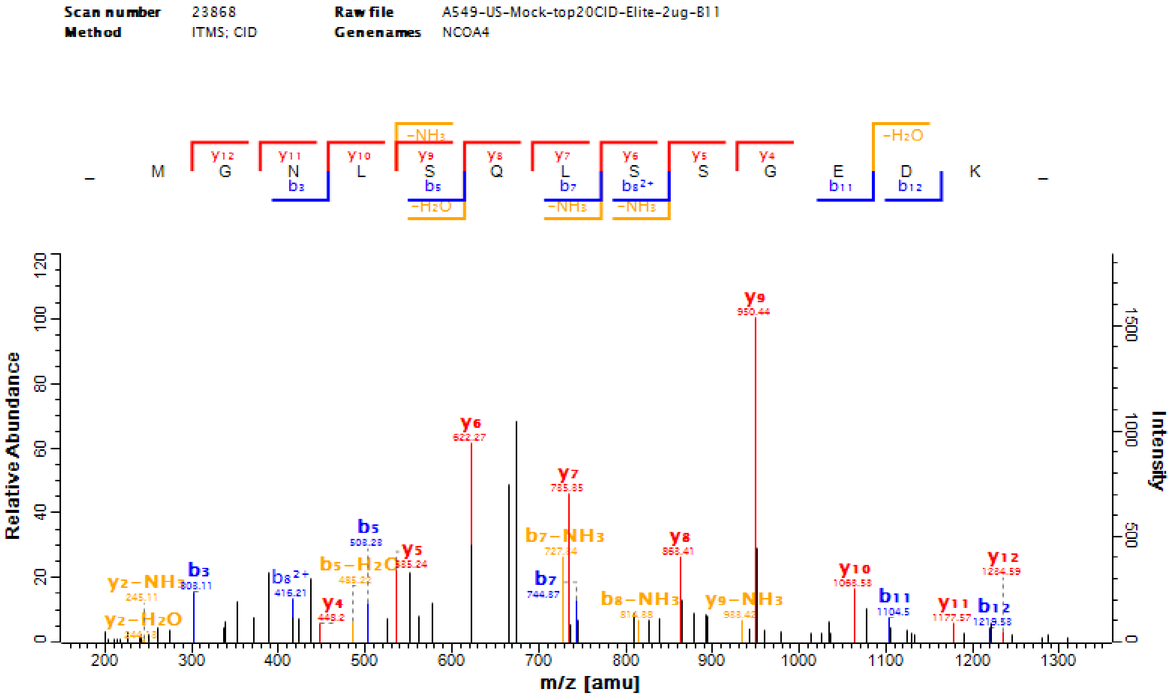


Scan number 22379
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B12
Genenames TSPAN7

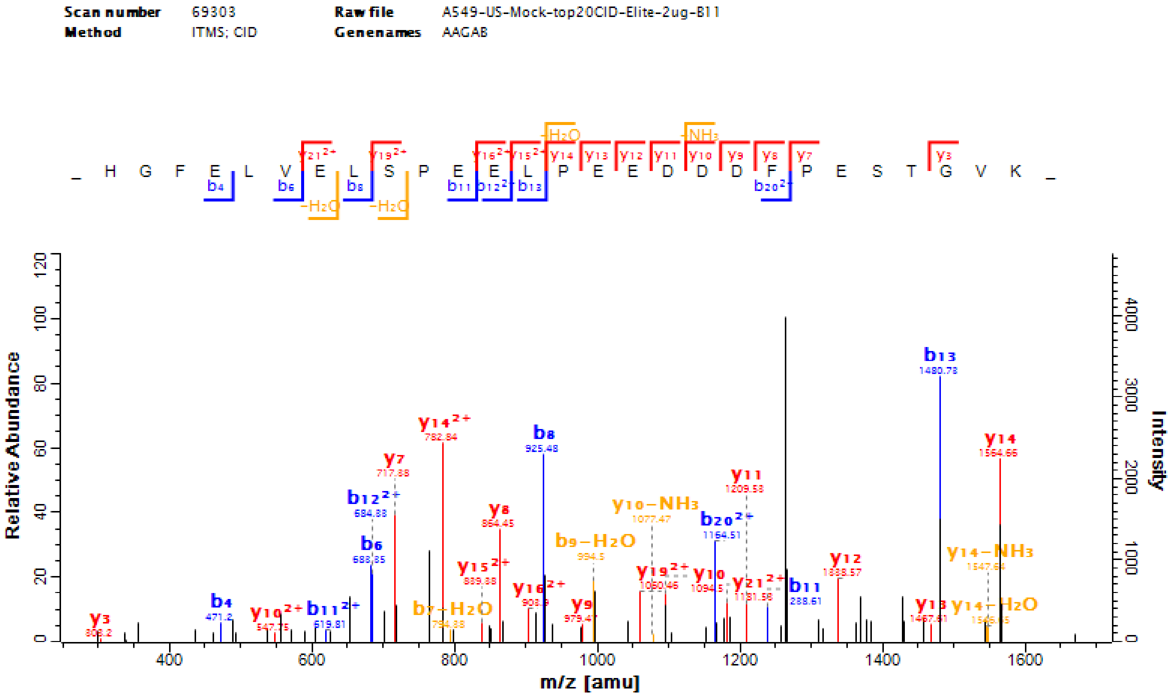
Protein Group ID: 224
Protein Accession Numbers: Q68CZ6; B4DF64
Gene Names: HAUS3
Peptide Sequence: LYQVLEGENK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.171
Best Match Posterior Error Probability: 0.0020853
Best Match Spectrum:



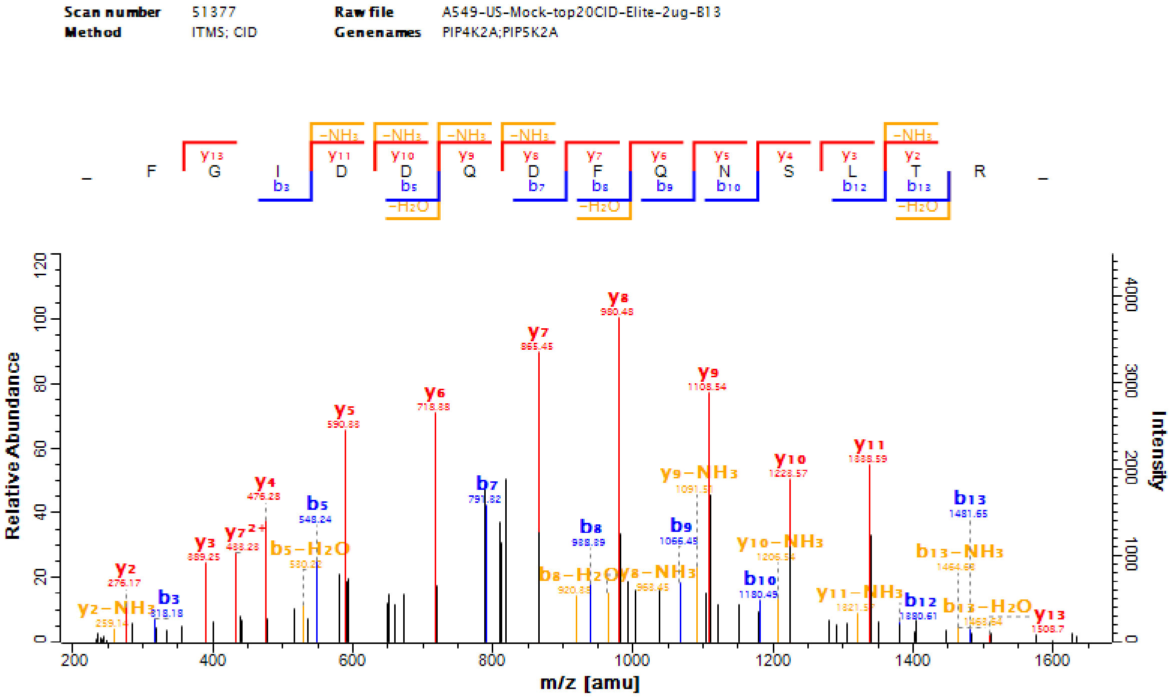
Protein Group ID: 226
Protein Accession Numbers: E9PAV7; J3KQN8; Q13772; B4DF87; B4DZ85
Gene Names: NCOA4
Peptide Sequence: MGNLSQLSSGEDK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 80.706
Best Match Posterior Error Probability: 0.0031517
Best Match Spectrum:



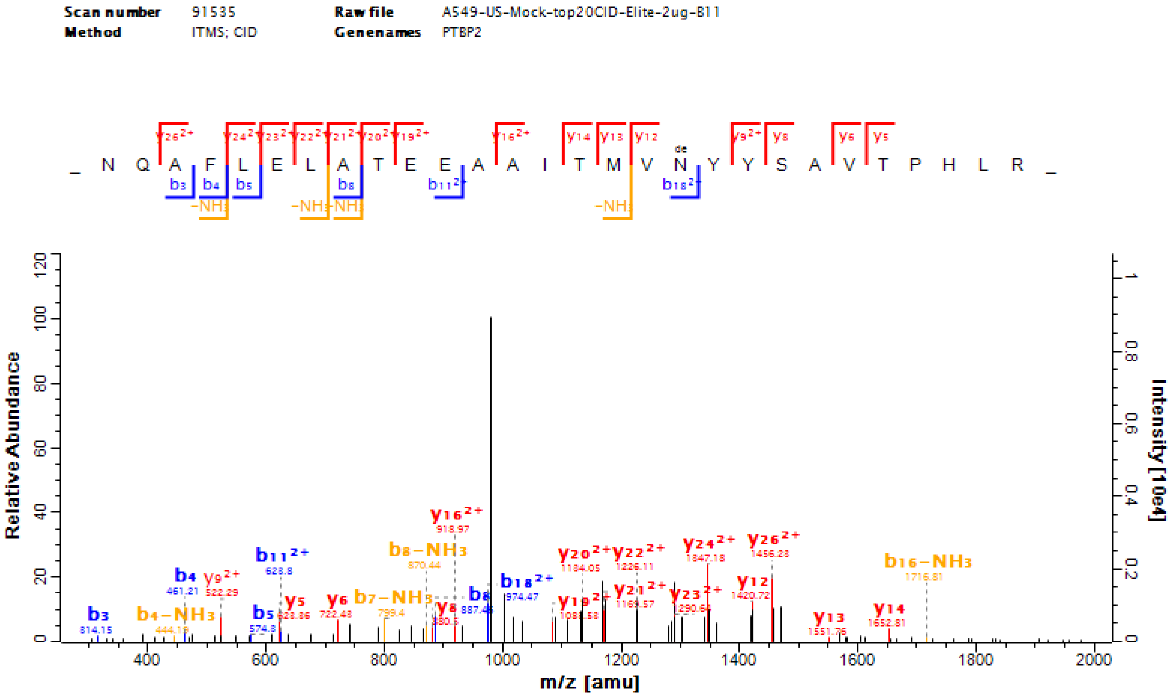
Protein Group ID: 231
Protein Accession Numbers: Q6PD74; B4DG44; H0YL49
Gene Names: AAGAB
Peptide Sequence: HGFELVELSPEELPEEDDDFPESTGVK
Total Number of Spectra: 12
Number of Replicates (out of 8): 7
Best Match Score: 83.31
Best Match Posterior Error Probability: 4.62E-05
Best Match Spectrum:



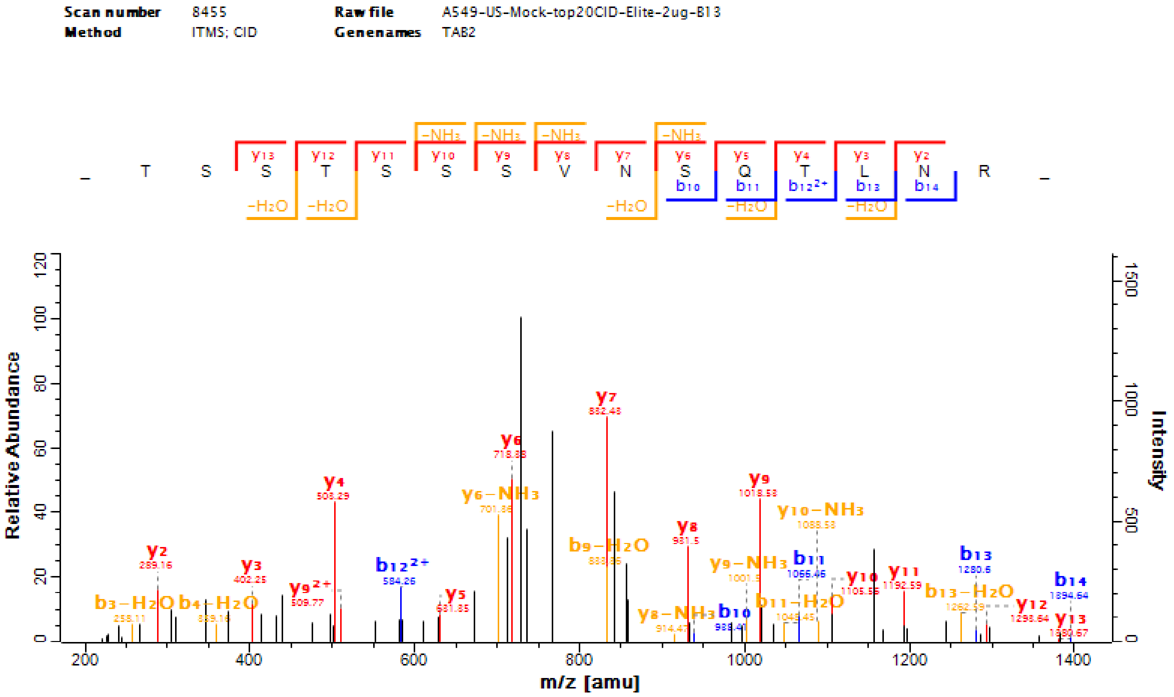
Protein Group ID: 236
Protein Accession Numbers: P48426; B4DGX2; Q5JUT3
Gene Names: PIP4K2A;PIP5K2A
Peptide Sequence: FGIDDQDFQNSLTR
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 177.88
Best Match Posterior Error Probability: 8.74E-15
Best Match Spectrum:



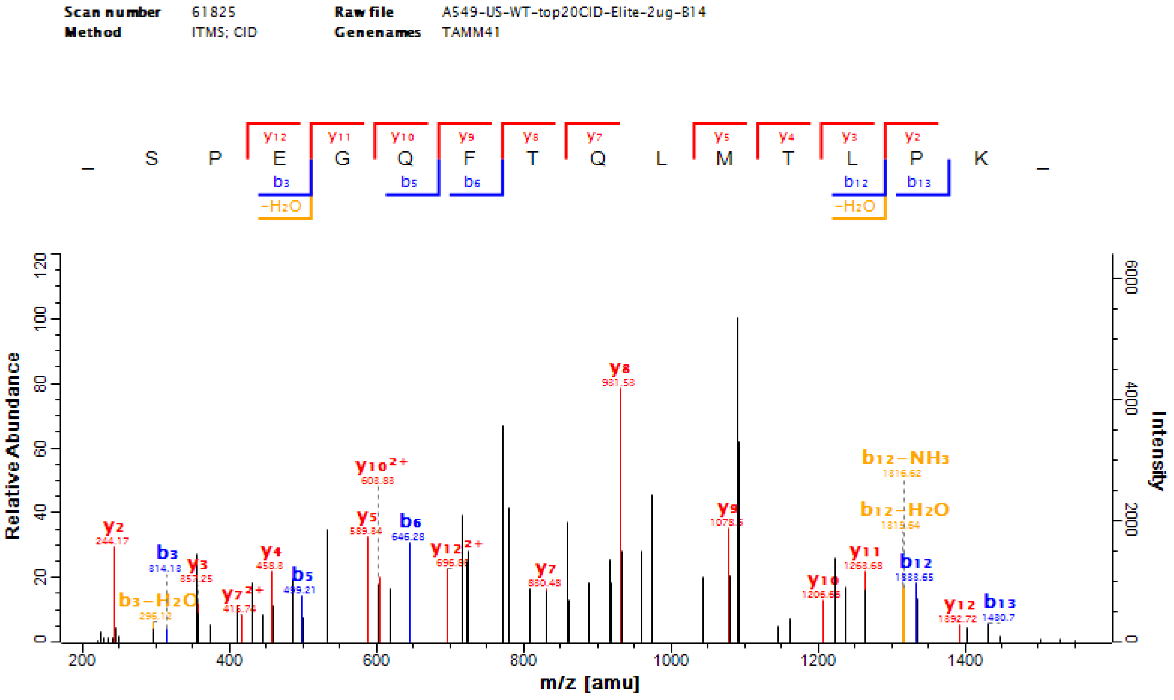
Protein Group ID: 238
Protein Accession Numbers: B4DSS8; Q9UKA9-3; Q9UKA9-4; Q9UKA9-2; Q9UKA9; Q9UKA9-6; Q9UKA9-5; B4DI28
Gene Names: PTBP2
Peptide Sequence: NQAFLELATEEAAITMVNYYSAVTPHLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 81.477
Best Match Posterior Error Probability: 0.0001648
Best Match Spectrum:



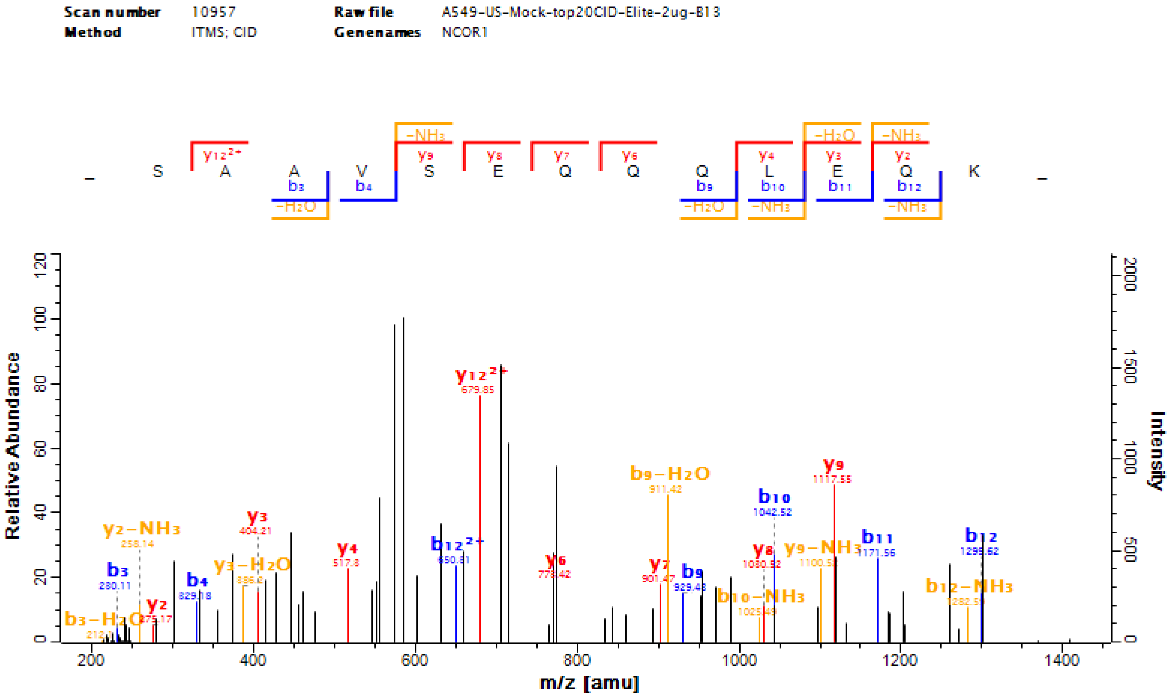
Protein Group ID: 241
Protein Accession Numbers: Q9NYJ8; B4DIR9; Q9NYJ8-2
Gene Names: TAB2
Peptide Sequence: TSSTSSSVNSQTLNR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 118.19
Best Match Posterior Error Probability: 6.76E-05
Best Match Spectrum:



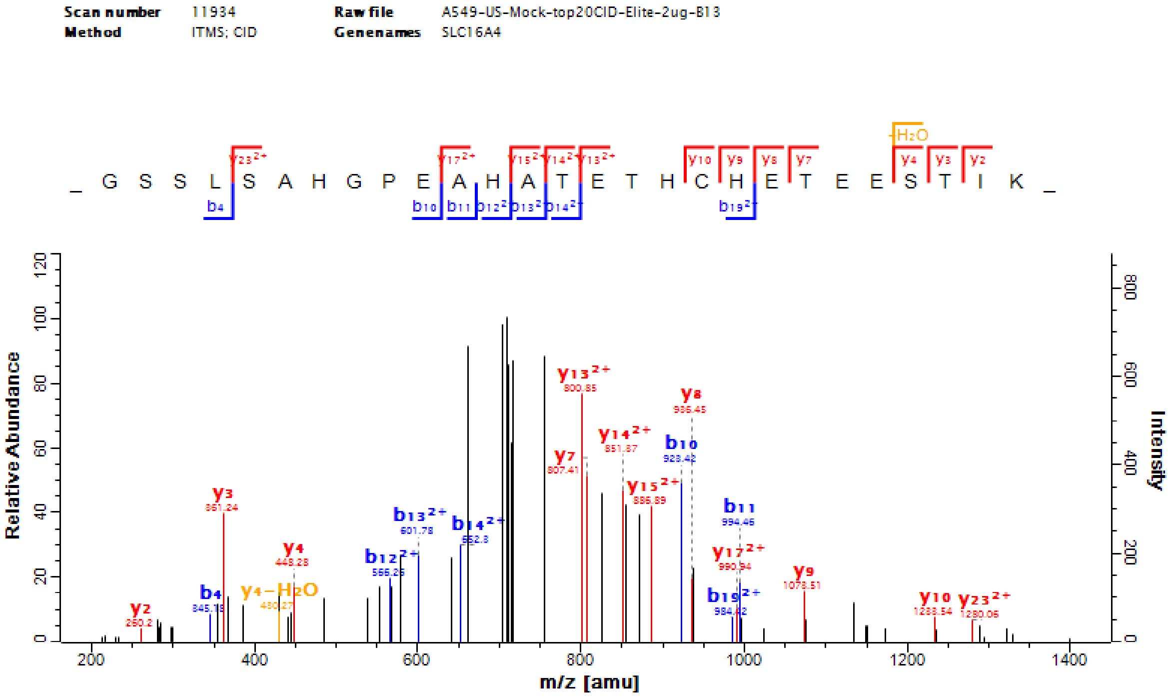
Protein Group ID: 242
Protein Accession Numbers: B4DIY7; C9J2U4; Q96BW9
Gene Names: TAMM41
Peptide Sequence: SPEGQFTQLMTLPK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 107.35
Best Match Posterior Error Probability: 0.00021525
Best Match Spectrum:



Protein Group ID: 244
Protein Accession Numbers: O75376; E7EVK1; B4DJ25
Gene Names: NCOR1
Peptide Sequence: SAAVSEQQQLEQK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 105.95
Best Match Posterior Error Probability: 0.00039873
Best Match Spectrum:

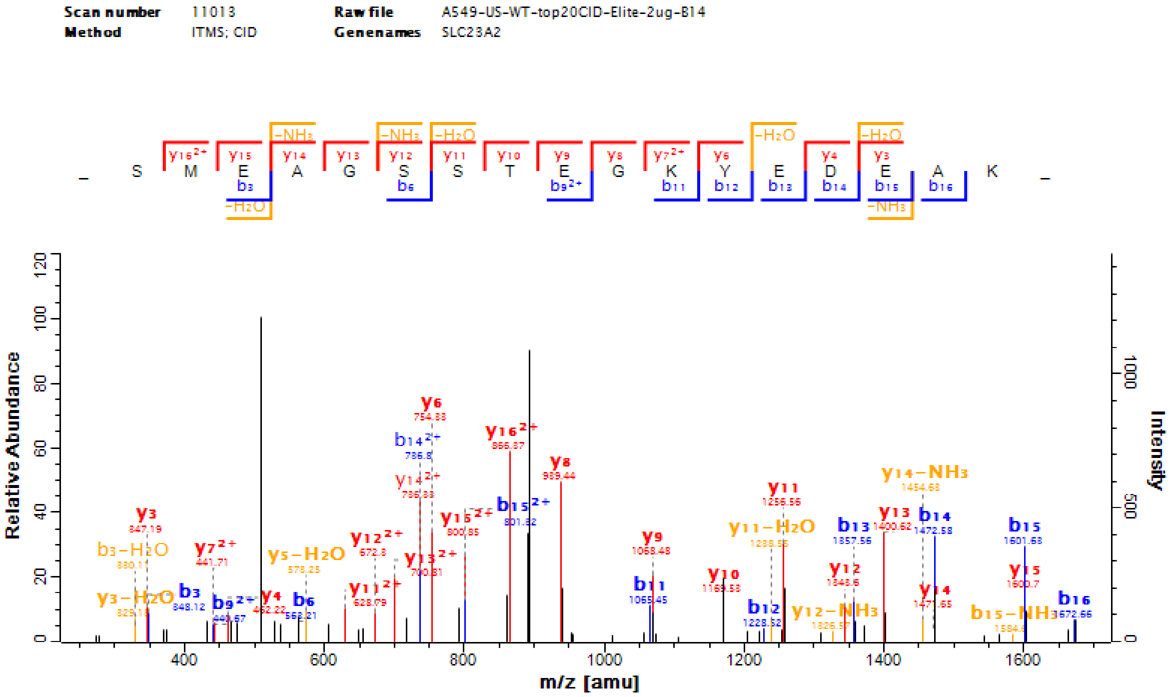


Protein Group ID: 245
Protein Accession Numbers: O15374; G3V175; B4DJ67; E7EPY8
Gene Names: SLC16A4
Peptide Sequence: GSSLSAHGPEAHATETHCHETEESTIK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 64.488
Best Match Posterior Error Probability: 0.00029726
Best Match Spectrum:

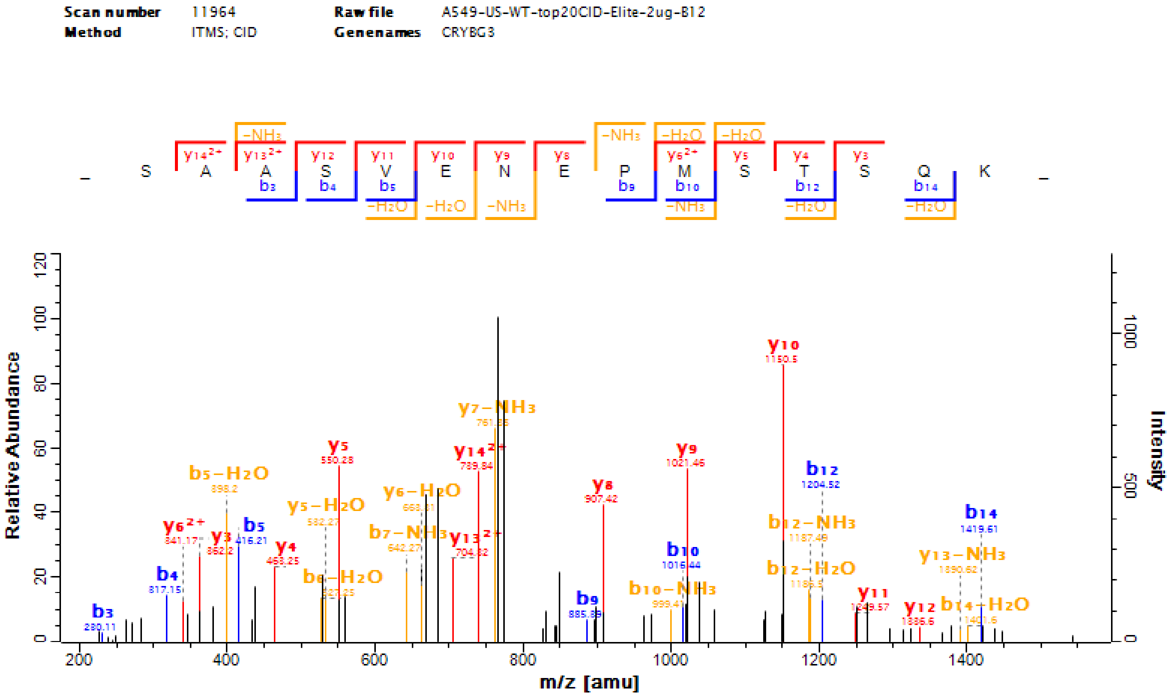


Scan number 11934 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** SLC16A4

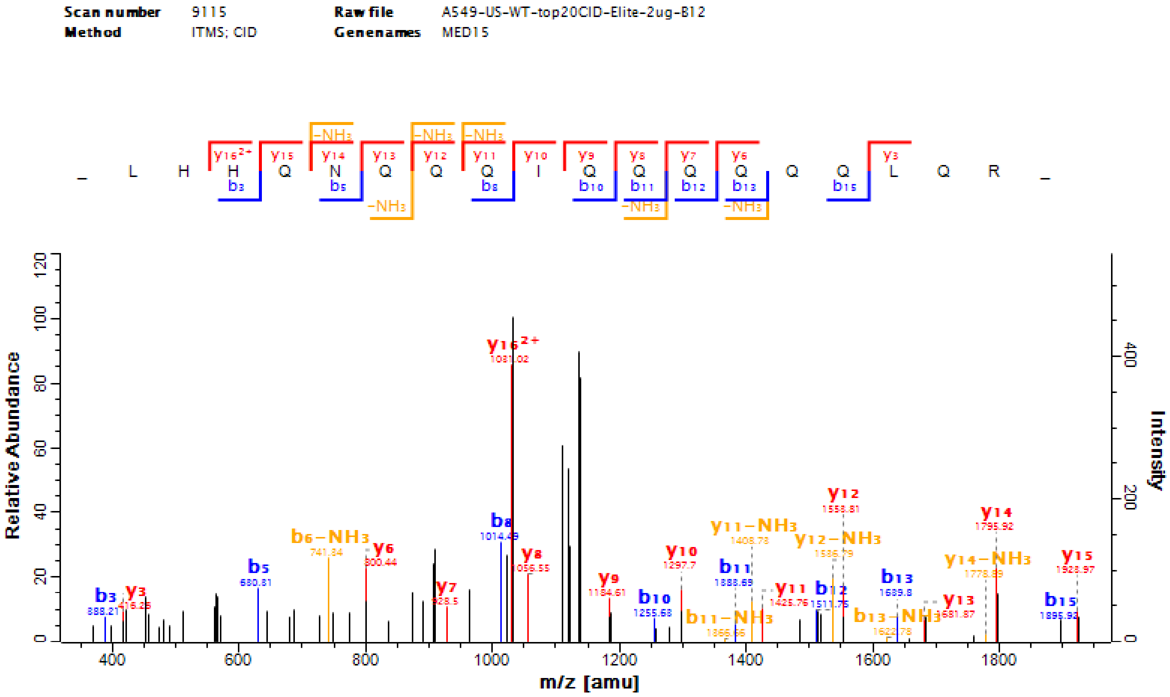
Protein Group ID: 251
Protein Accession Numbers: Q9UGH3; B4DJZ1
Gene Names: SLC23A2
Peptide Sequence: SMEAGSSTEGKYEDEAK
Total Number of Spectra: 10
Number of Replicates (out of 8): 7
Best Match Score: 213.49
Best Match Posterior Error Probability: 1.52E-39
Best Match Spectrum:



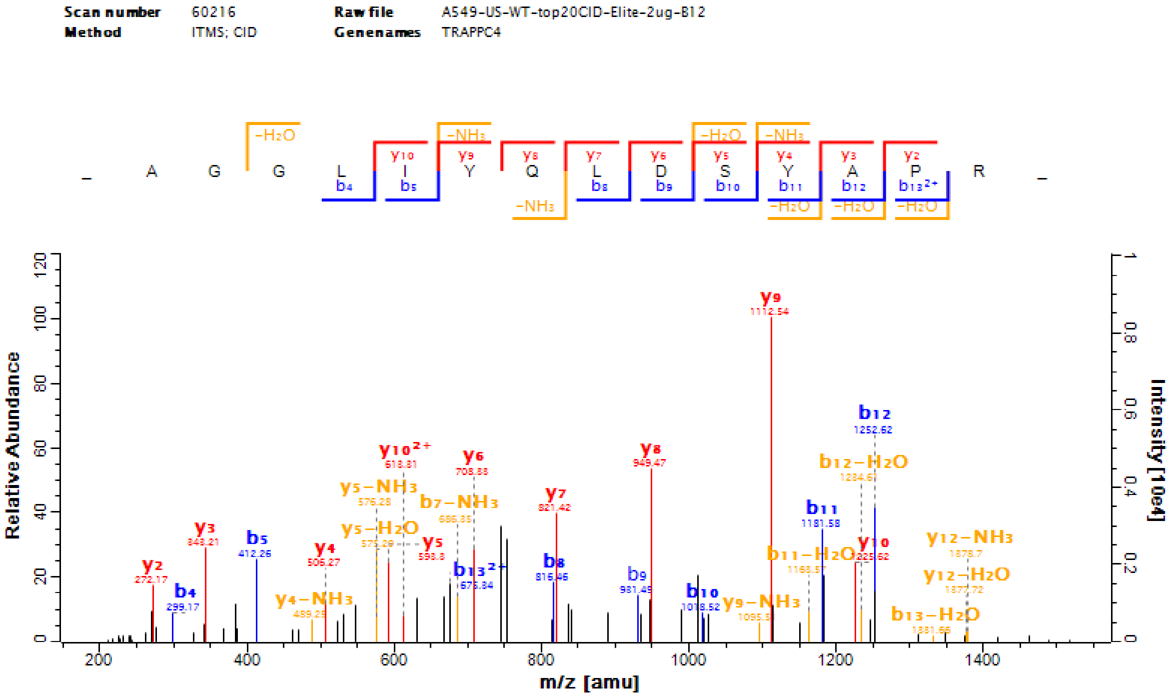
Protein Group ID: 261
Protein Accession Numbers: B4DLE8
Gene Names: CRYBG3
Peptide Sequence: SAASVENEPMSTSQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 115.1
Best Match Posterior Error Probability: 0.00085612
Best Match Spectrum:



Protein Group ID: 263
Protein Accession Numbers: Q96RN5; Q96RN5-2; G3V1P5; Q96RN5-3; F5GZU5; H7C308; B4DM43
Gene Names: MED15
Peptide Sequence: LHHQNQQQIQQQQQLQR
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 138.19
Best Match Posterior Error Probability: 2.05E-05
Best Match Spectrum:

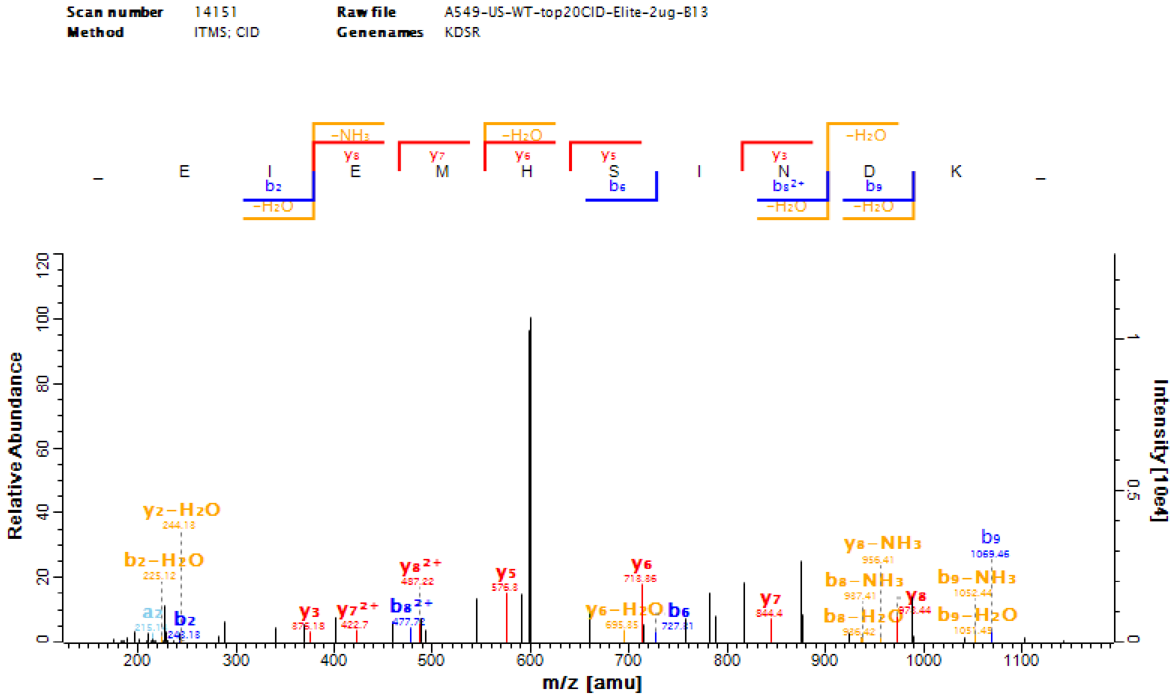


Protein Group ID: 265
Protein Accession Numbers: E9PN70; Q9Y296; J3KP27; E9PQE8; B4DME1; E9PKS9; G5EA23; G3V1A0
Gene Names: TRAPPC4
Peptide Sequence: AGGLIYQLDSYAPR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 153.39
Best Match Posterior Error Probability: 3.70E-11
Best Match Spectrum:



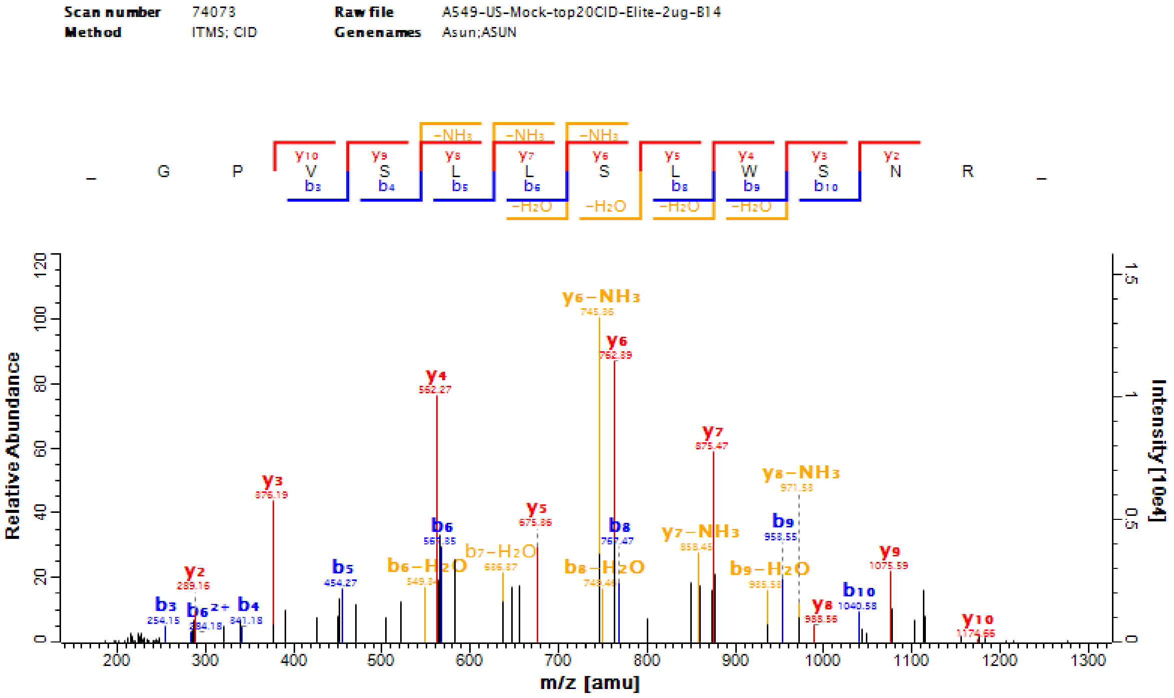
Scan number 60216
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B12
Genenames TRAPPC4

Protein Group ID: 269
Protein Accession Numbers: Q06136; B4DMX0; K7EQS7
Gene Names: KDSR
Peptide Sequence: EIEMHSINDK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 83.499
Best Match Posterior Error Probability: 0.0037103
Best Match Spectrum:

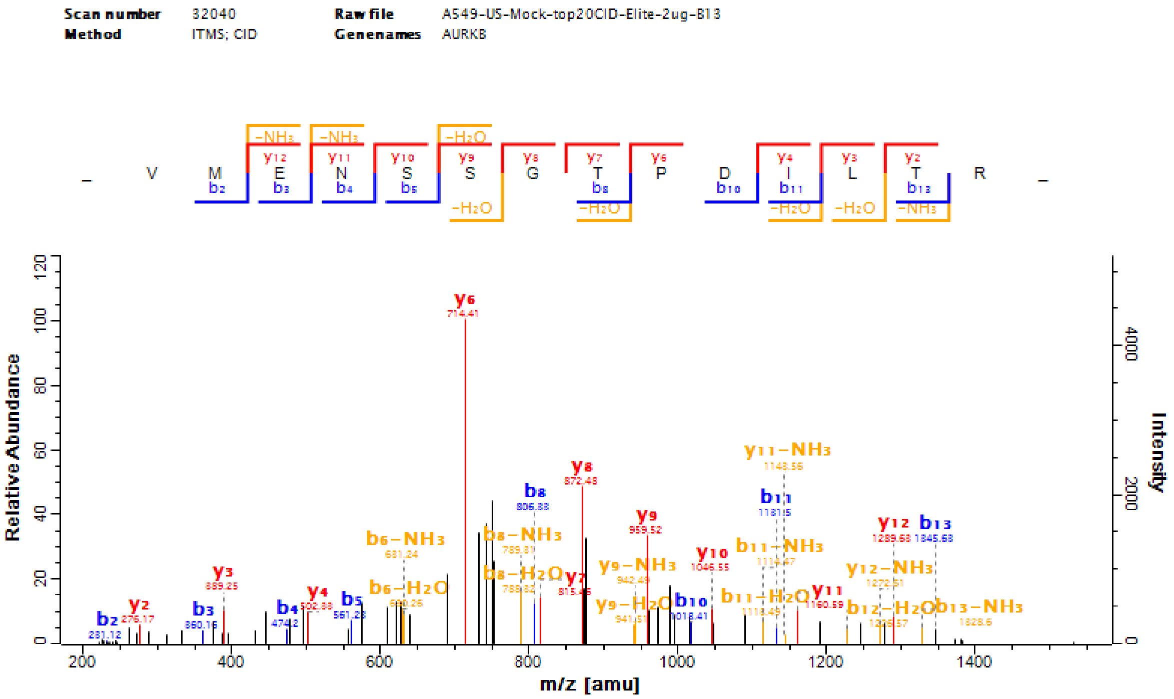


Scan number 14151 **Raw file** A549-US-WT-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** KDSR

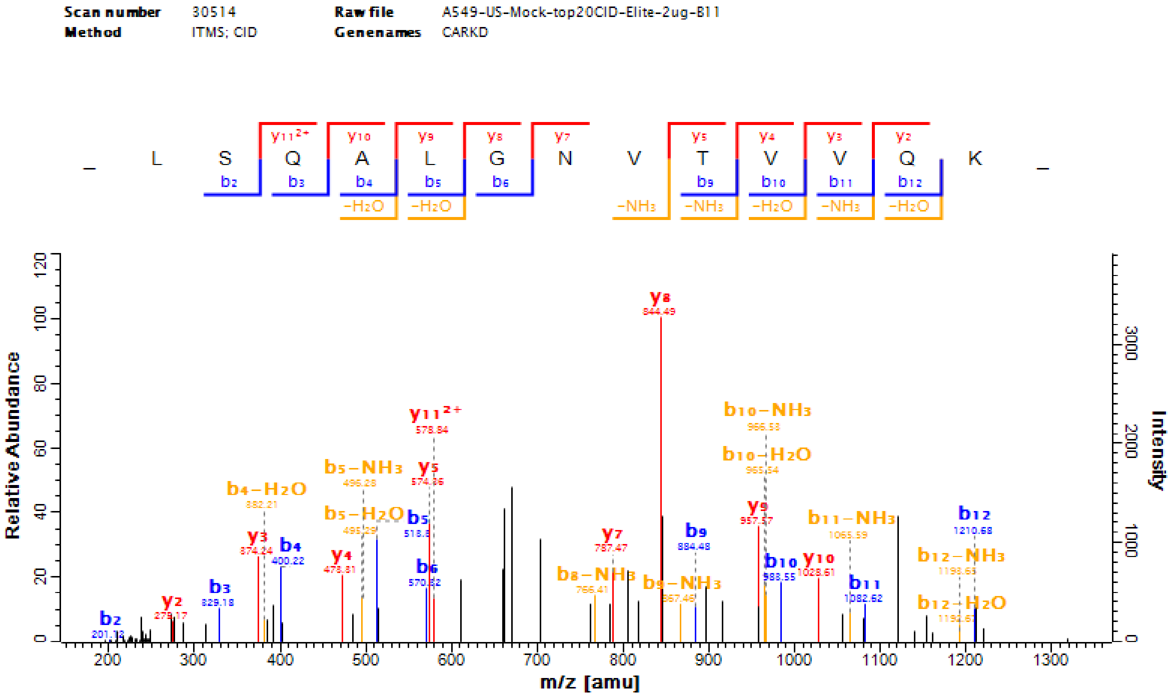
Protein Group ID: 277
Protein Accession Numbers: Q9NVM9; B4DNK1; H0YH12
Gene Names: Asun;ASUN
Peptide Sequence: GPVSLLSLWSNR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 142.97
Best Match Posterior Error Probability: 2.47E-05
Best Match Spectrum:



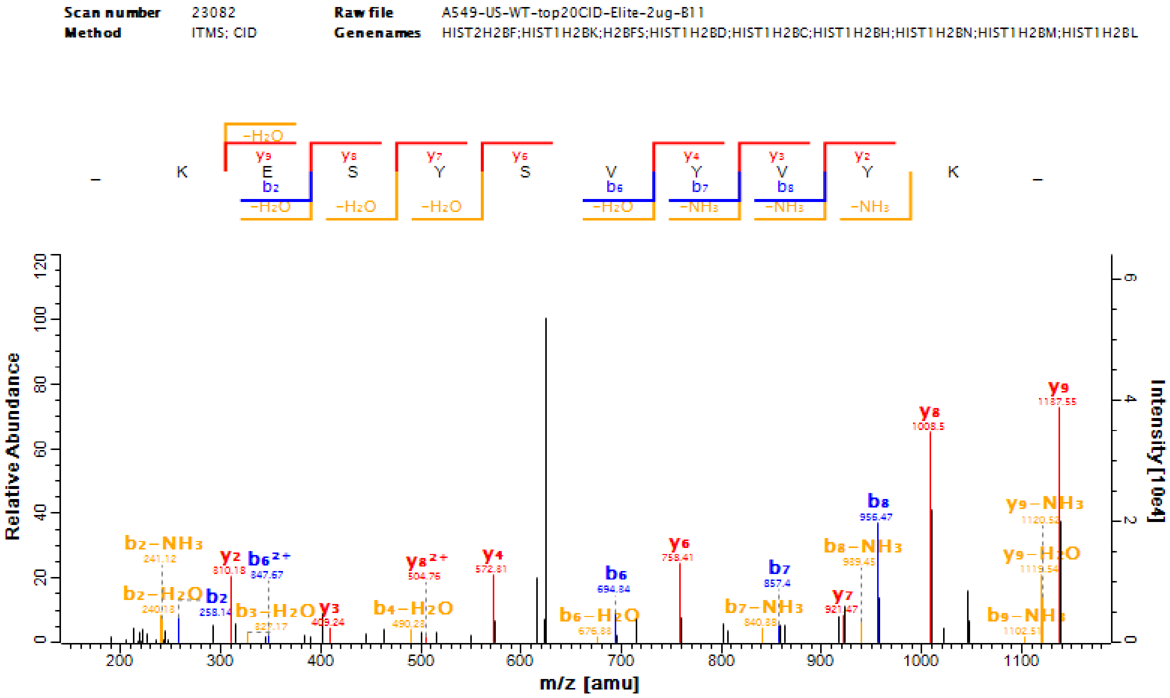
Protein Group ID: 278
Protein Accession Numbers: J9JID1; Q96GD4; Q96GD4-2; B4DNM4; J3QLN8; J3KTD6; J3QR41; Q96GD4-3; J3KRF8; J3KRJ2
Gene Names: AURKB
Peptide Sequence: VMENSSGTPDILTR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 139.66
Best Match Posterior Error Probability: 2.22E-05
Best Match Spectrum:



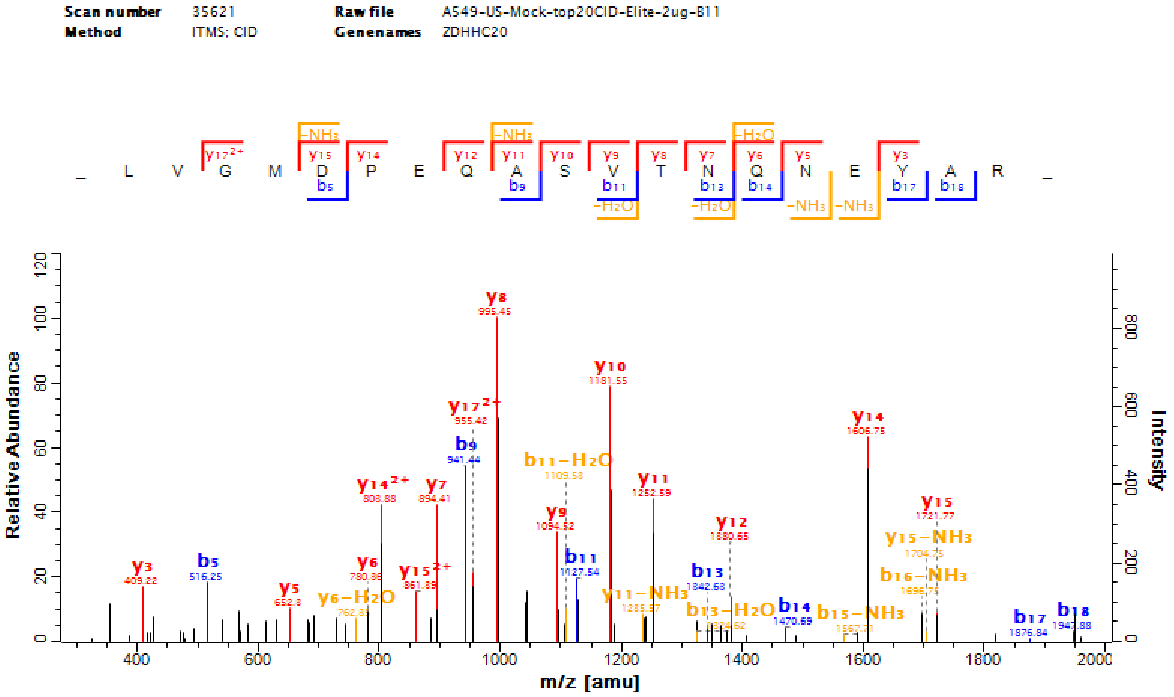
Protein Group ID: 294
Protein Accession Numbers: Q8IW45-2; Q8IW45; Q8IW45-4; B4DQR1; Q8IW45-3
Gene Names: CARKD
Peptide Sequence: LSQALGNVTVVQK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 142.1
Best Match Posterior Error Probability: 1.37E-05
Best Match Spectrum:



Protein Group ID: 295
Protein Accession Numbers: B4DR52; Q5QNW6-2; O60814; P57053; P58876; P62807; Q5QNW6; Q93079; Q99877; Q99879; Q99880
Gene Names: HIST2H2BF;HIST1H2BK;H2BFS;HIST1H2BD;HIST1H2BC;HIST1H2BH;HIST1H2BN;HIST1H2BM;HIST1H2BL
Peptide Sequence: KESYSVYVYK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 132.25
Best Match Posterior Error Probability: 3.75E-05
Best Match Spectrum:



Protein Group ID: 301
Protein Accession Numbers: Q5W0Z9; Q5W0Z9-3; Q2TB82; B4DRN8
Gene Names: ZDHHC20
Peptide Sequence: LVGMDPEQASVTNQNEYAR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 120.92
Best Match Posterior Error Probability: 9.41E-08
Best Match Spectrum:



Protein Group ID: 303

Protein Accession Numbers: Q96J42; H0Y997; Q96J42-2; B4DS52; D6RB48; D6RBD9

Gene Names: TXNDC15

Peptide Sequence: VSSEPSGVTCGAGGAEDSR

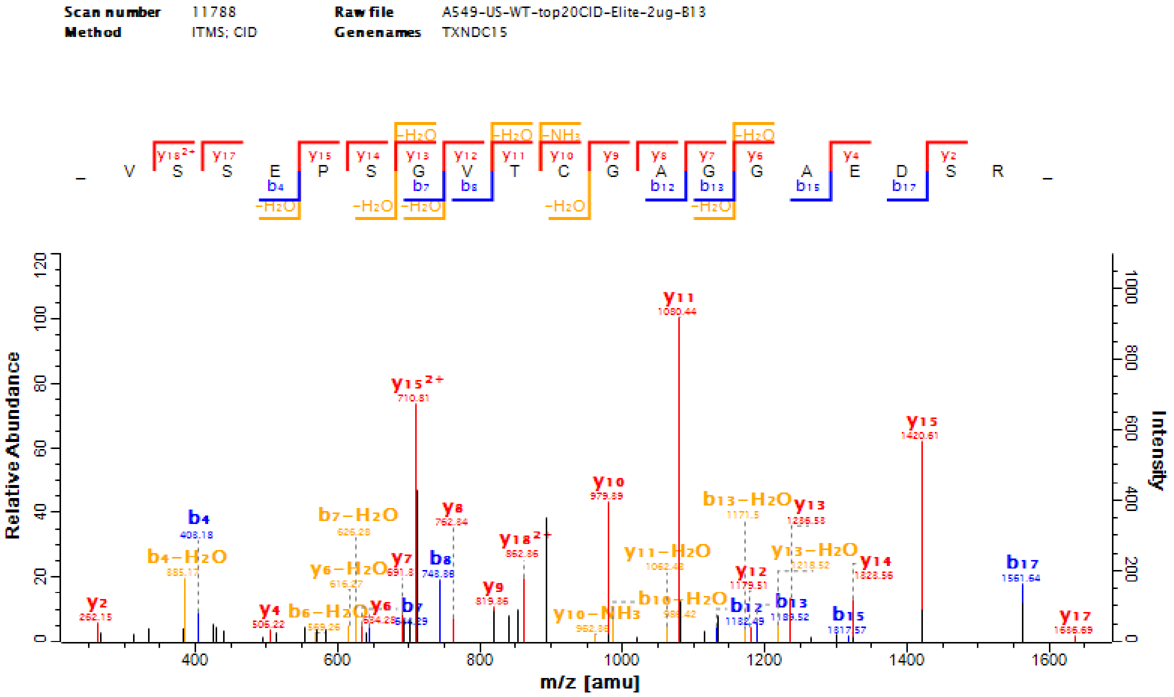
Total Number of Spectra: 10

Number of Replicates (out of 8): 6

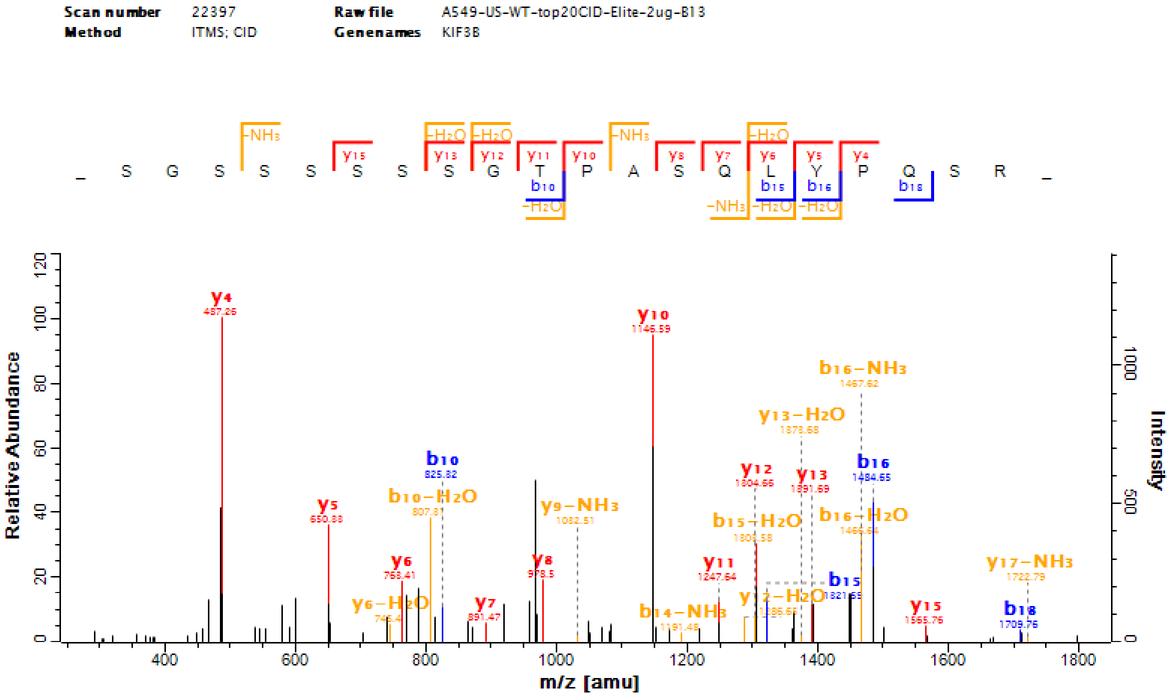
Best Match Score: 172.97

Best Match Posterior Error Probability: 3.29E-16

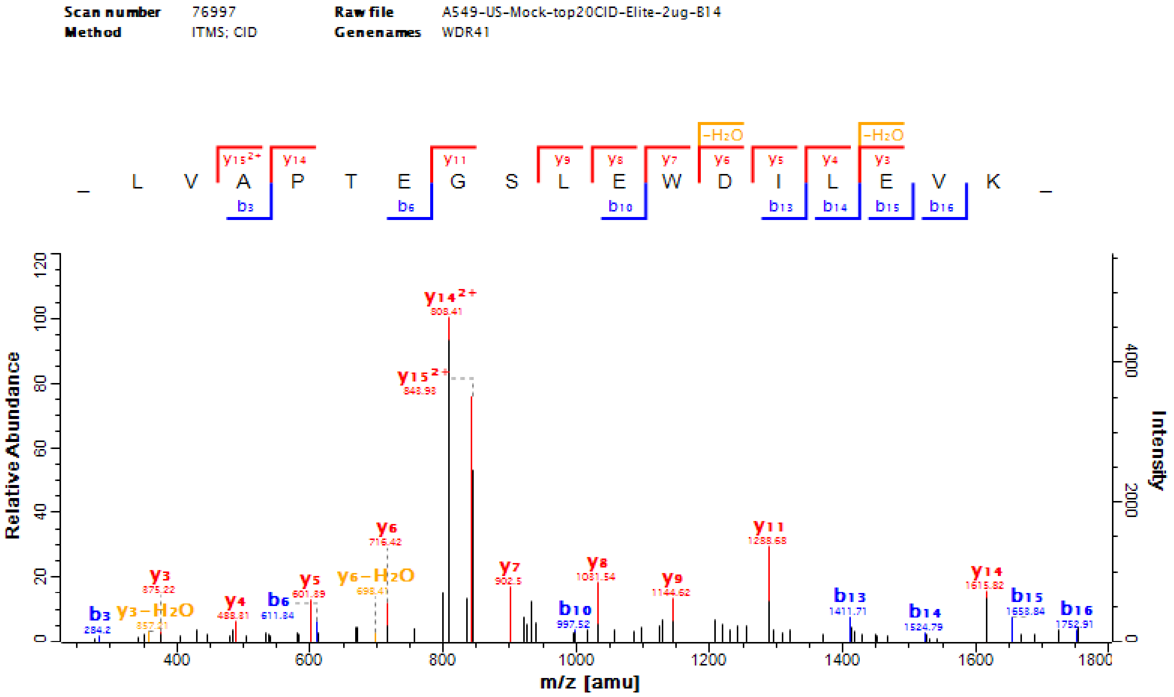
Best Match Spectrum:



Protein Group ID: 306
Protein Accession Numbers: O15066; B4DSR5
Gene Names: KIF3B
Peptide Sequence: SGSSSSSSGTPASQLYPQSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 77.391
Best Match Posterior Error Probability: 0.00066478
Best Match Spectrum:

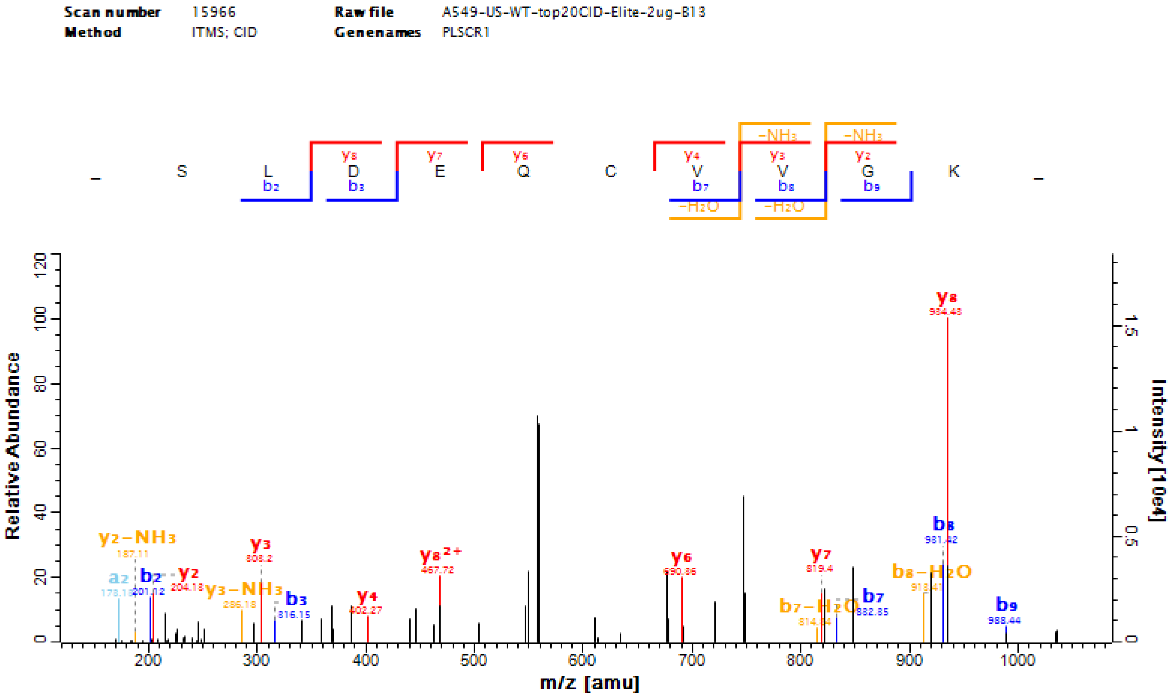


Protein Group ID: 308
Protein Accession Numbers: Q9HAD4; B4DT55; H0Y9Z3
Gene Names: WDR41
Peptide Sequence: LVAPTEGSLEWDILEVK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 114.59
Best Match Posterior Error Probability: 0.00010548
Best Match Spectrum:

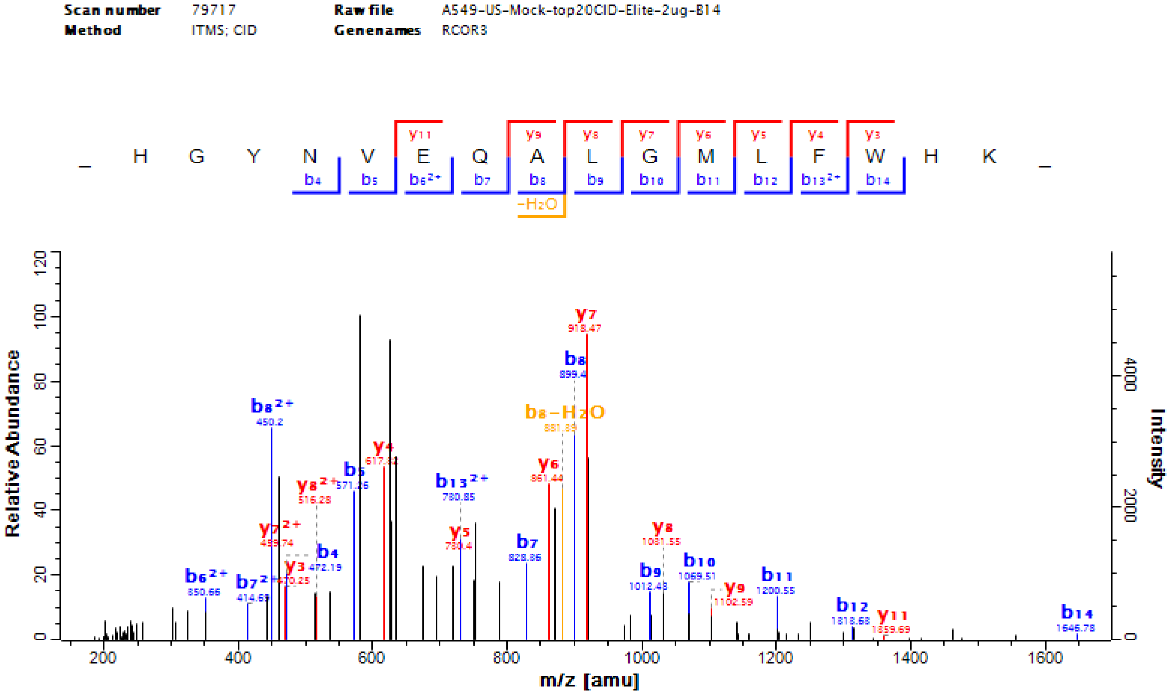


Scan number 76997 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** WDR41

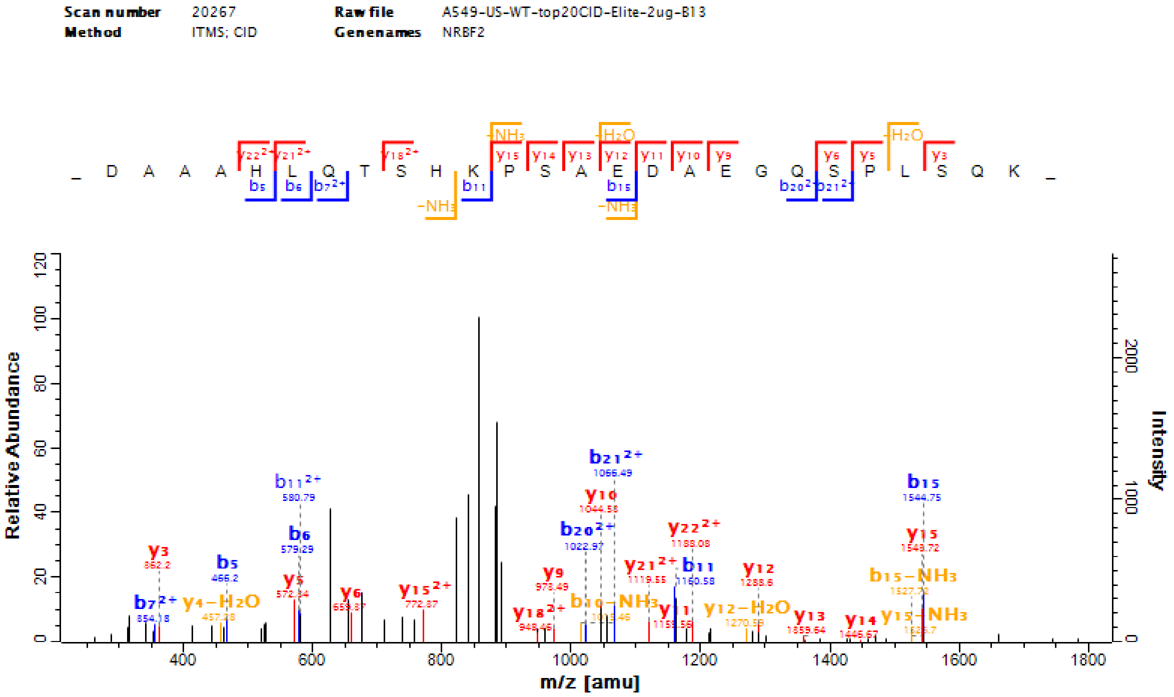
Protein Group ID: 311
Protein Accession Numbers: O15162; C9J7K9; C9J9P4; B4DTE8; H7C5I5
Gene Names: PLSCR1
Peptide Sequence: SLDEQCVVGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 99.973
Best Match Posterior Error Probability: 0.0029173
Best Match Spectrum:



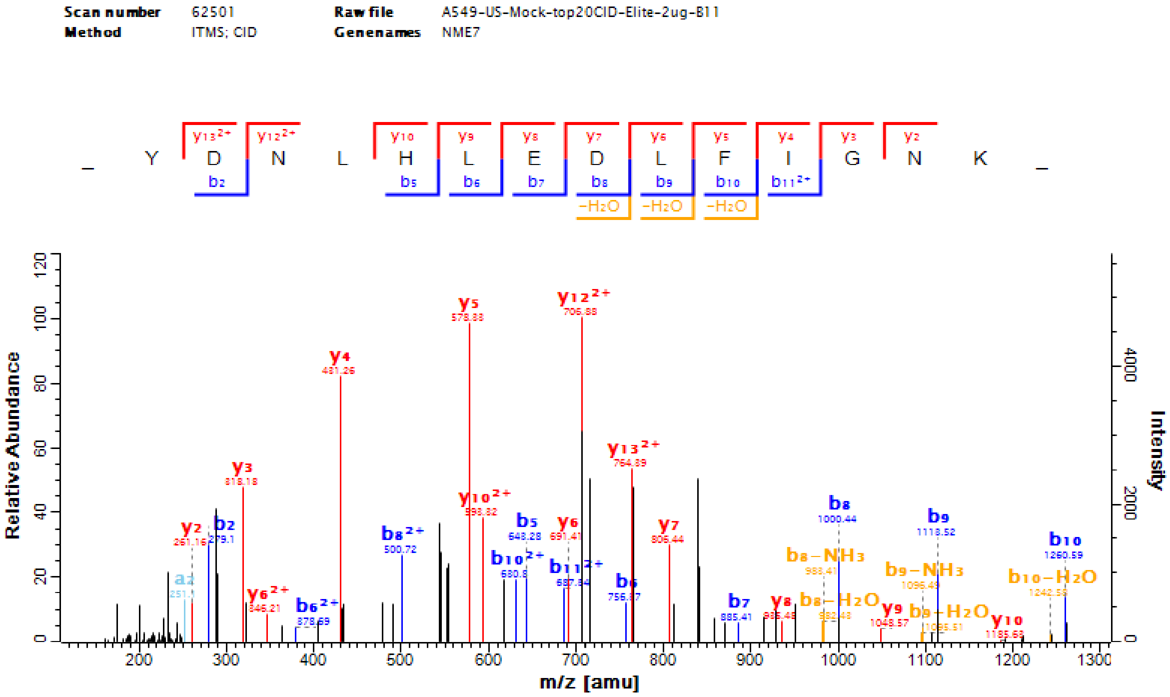
Protein Group ID: 318
Protein Accession Numbers: Q9P2K3-3; Q9P2K3; Q9P2K3-4; Q9P2K3-2; B4DV59; E9PQE5; E9PR63
Gene Names: RCOR3
Peptide Sequence: HGYNVEQALGMLFWHK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 129.01
Best Match Posterior Error Probability: 6.25E-05
Best Match Spectrum:



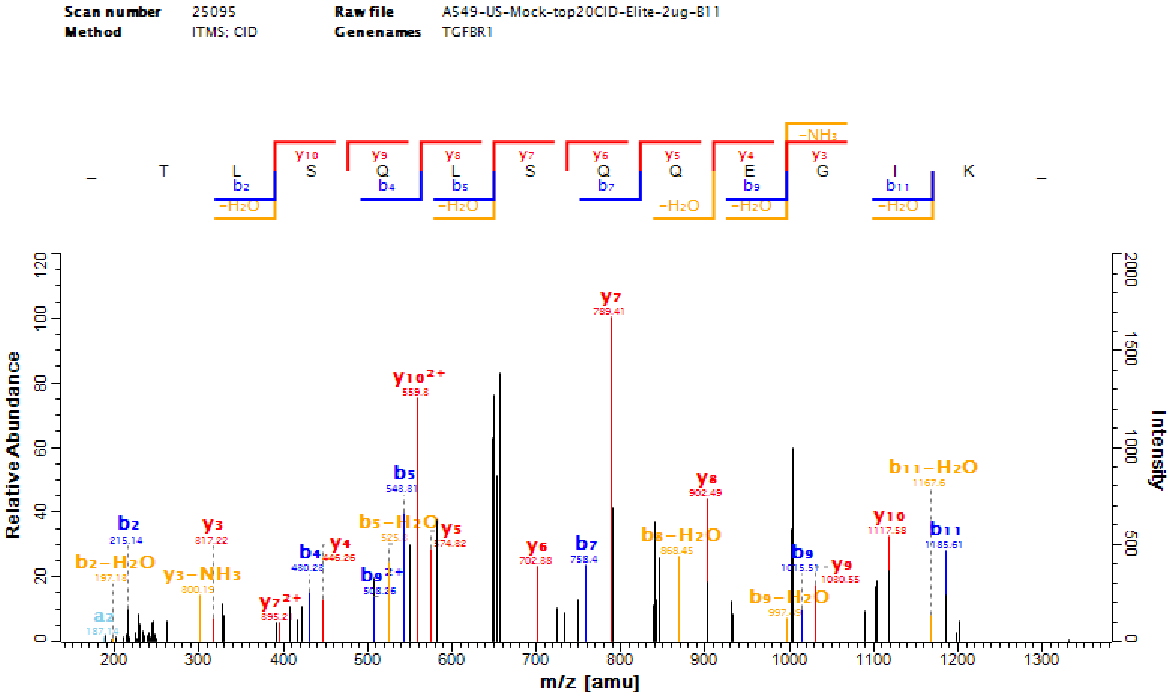
Protein Group ID: 323
Protein Accession Numbers: Q96F24; B4DWS0
Gene Names: NRBF2
Peptide Sequence: DAAAHLQTSHKPSAEDAEGQSPLSQK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 76.744
Best Match Posterior Error Probability: 0.00054698
Best Match Spectrum:



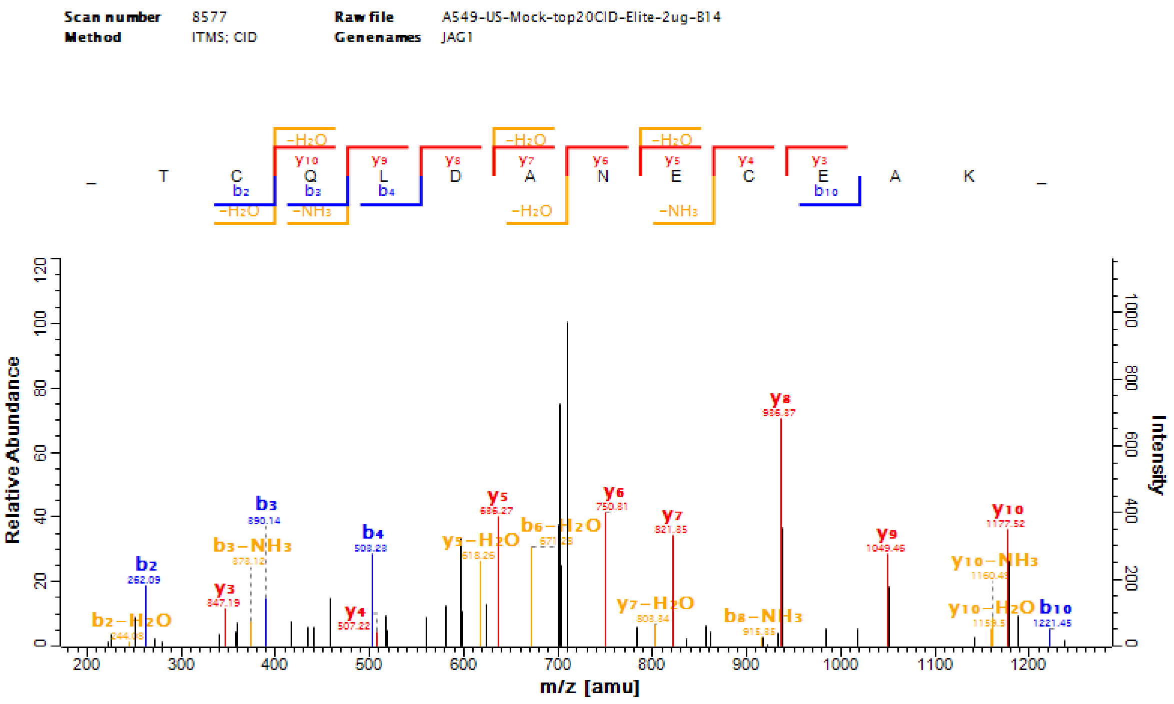
Protein Group ID: 325
Protein Accession Numbers: Q9Y5B8; Q9Y5B8-2; B4DXC8; E9PNU1
Gene Names: NME7
Peptide Sequence: YDNLHLEDLFIGNK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 183.89
Best Match Posterior Error Probability: 4.06E-19
Best Match Spectrum:



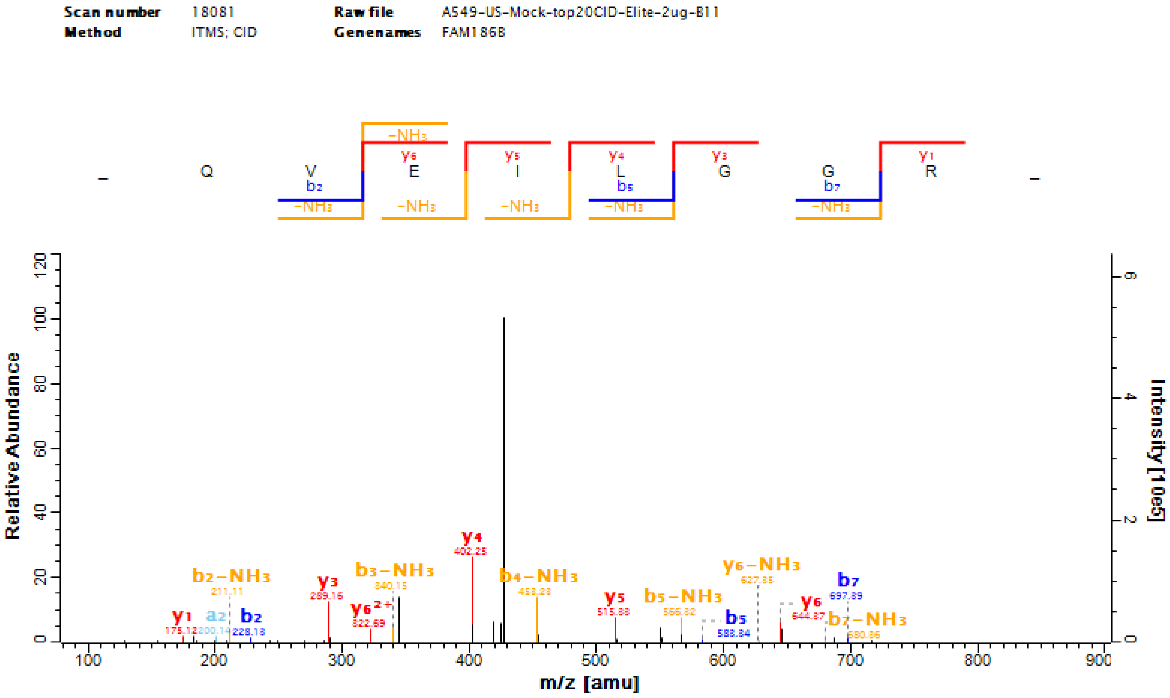
Protein Group ID: 330
Protein Accession Numbers: P36897-2; P36897; B4DY26; P36897-3
Gene Names: TGFBR1
Peptide Sequence: TLSQLSQQEGIK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 112.44
Best Match Posterior Error Probability: 0.00023048
Best Match Spectrum:



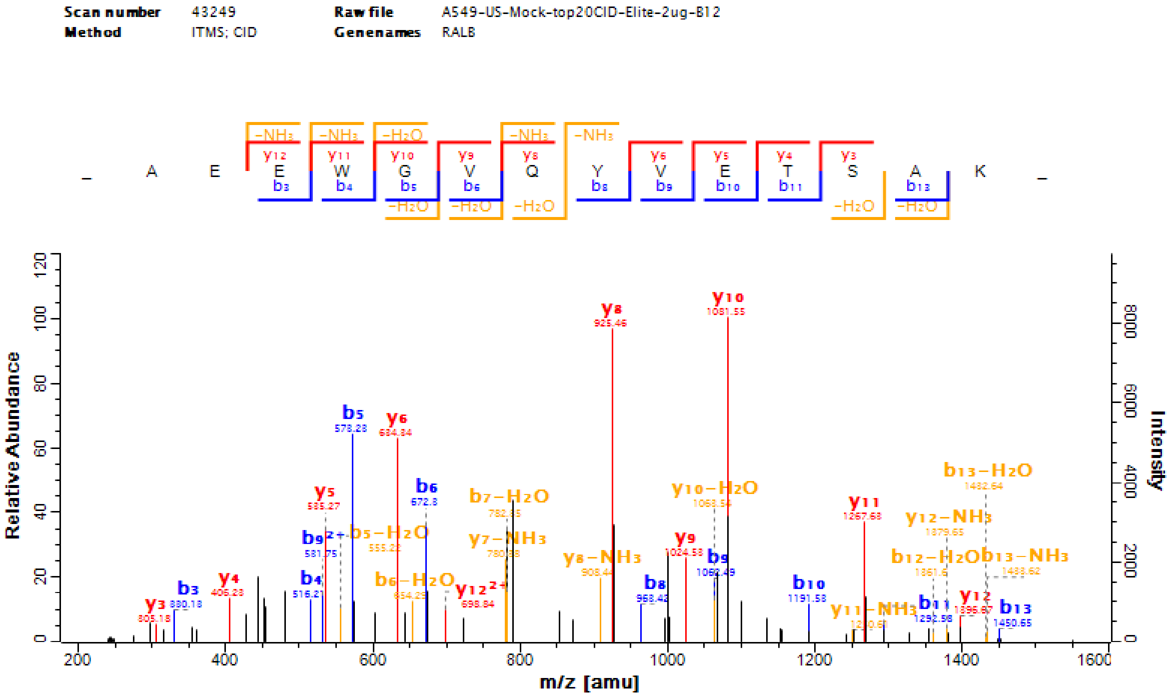
Protein Group ID: 332
Protein Accession Numbers: P78504; B4DYR1
Gene Names: JAG1
Peptide Sequence: TCQLDANECEAK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 92.039
Best Match Posterior Error Probability: 0.0012267
Best Match Spectrum:



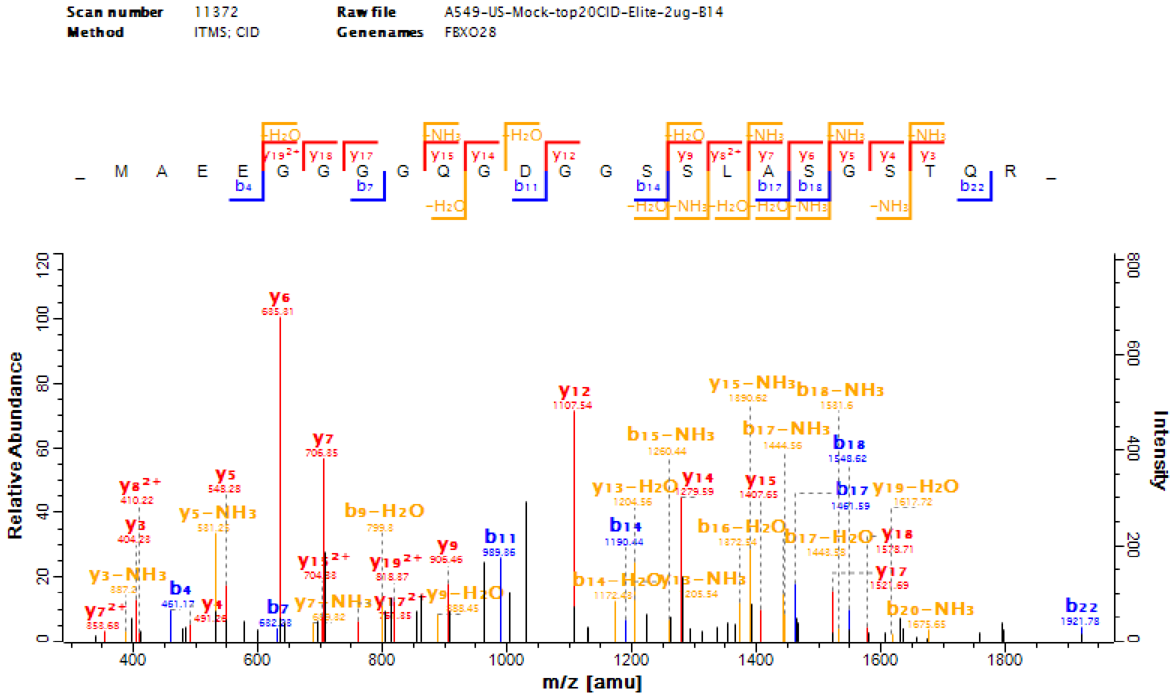
Protein Group ID: 333
Protein Accession Numbers: Q8IYM0; B4DZ15
Gene Names: FAM186B
Peptide Sequence: QVEILGGR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 106.36
Best Match Posterior Error Probability: 0.003812
Best Match Spectrum:



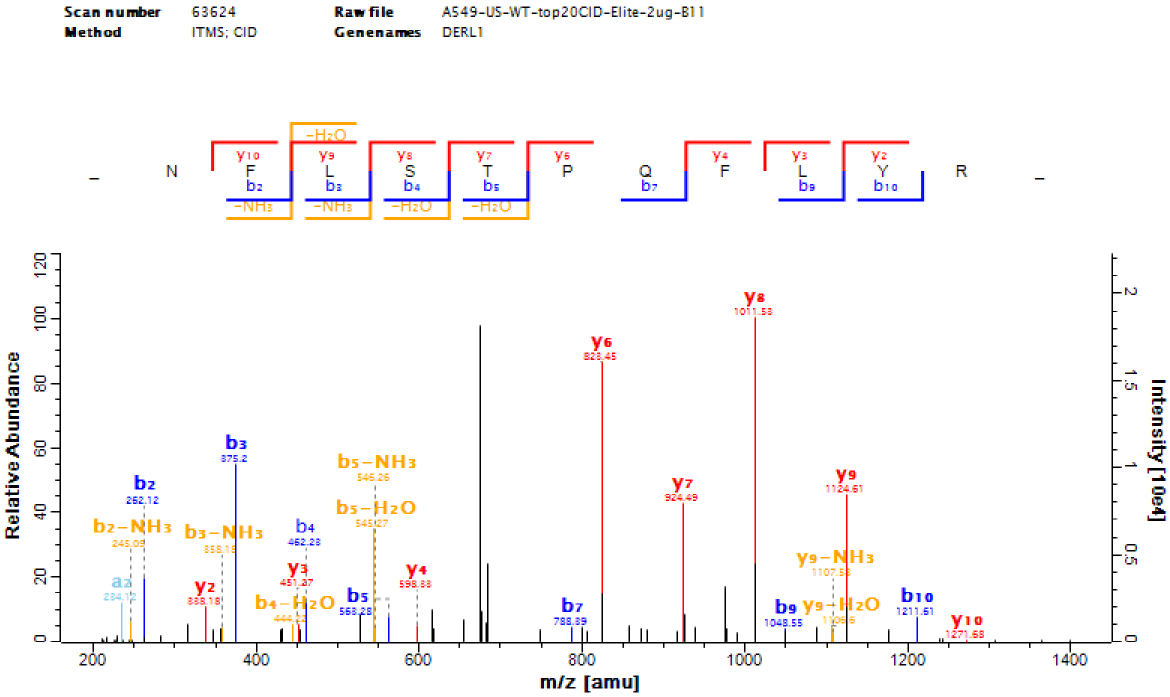
Protein Group ID: 337
Protein Accession Numbers: B4E040; P11234; Q6ZS74; C9J6B1
Gene Names: RALB
Peptide Sequence: AEEWGVQYVETSAK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 157.35
Best Match Posterior Error Probability: 2.39E-09
Best Match Spectrum:



Protein Group ID: 338
Protein Accession Numbers: Q9NVF7; E9PEM8; B4E0H5
Gene Names: FBXO28
Peptide Sequence: MAEEGGGGQGDGGSSLASGSTQR
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 158.52
Best Match Posterior Error Probability: 6.38E-19
Best Match Spectrum:

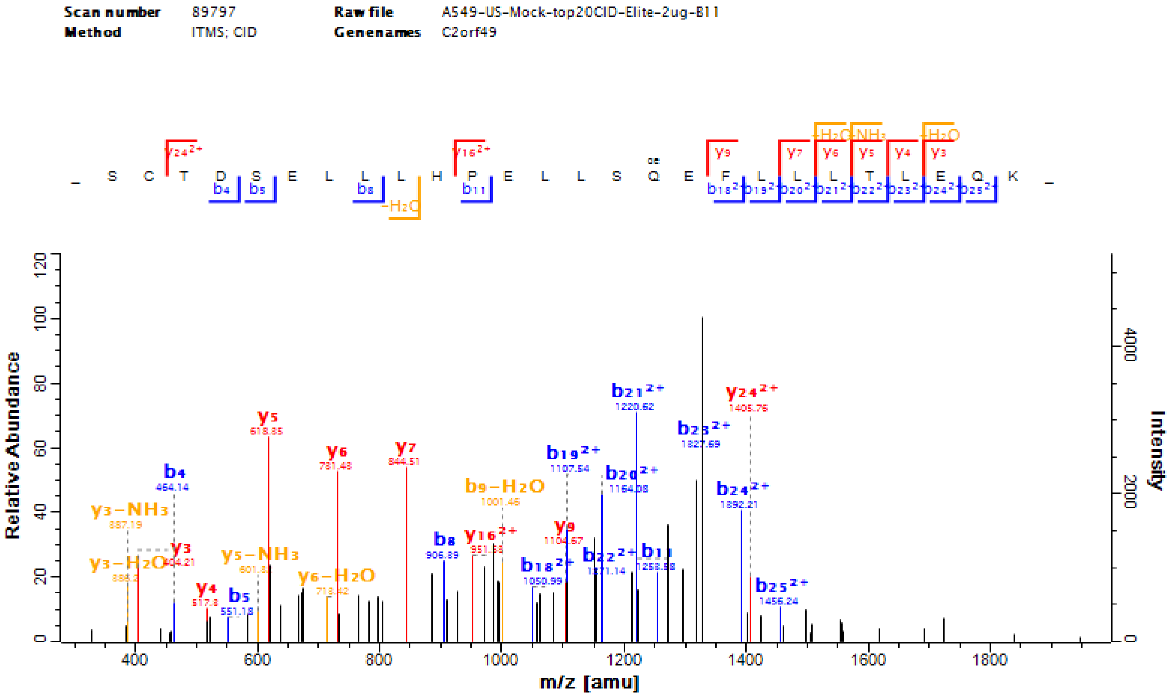


Protein Group ID: 342
Protein Accession Numbers: Q9BUN8; Q9BUN8-2; B4E1G1; E5RGY0
Gene Names: DERL1
Peptide Sequence: NFLSTPQFLYR
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 164.04
Best Match Posterior Error Probability: 8.91E-06
Best Match Spectrum:



Scan number 63624
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B11
Genenames DERL1

Protein Group ID: 349
Protein Accession Numbers: Q9BVC5; B4E2G9; C9J4K0
Gene Names: C2orf49
Peptide Sequence: SCTDSELLLHPELLSQEFLLLTLEQK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 103.27
Best Match Posterior Error Probability: 4.80E-06
Best Match Spectrum:



Protein Group ID: 351

Protein Accession Numbers: B4E2P2; Q9UNL2; C9JA28

Gene Names: SSR3

Peptide Sequence: QQSEEDLLLQDFSR

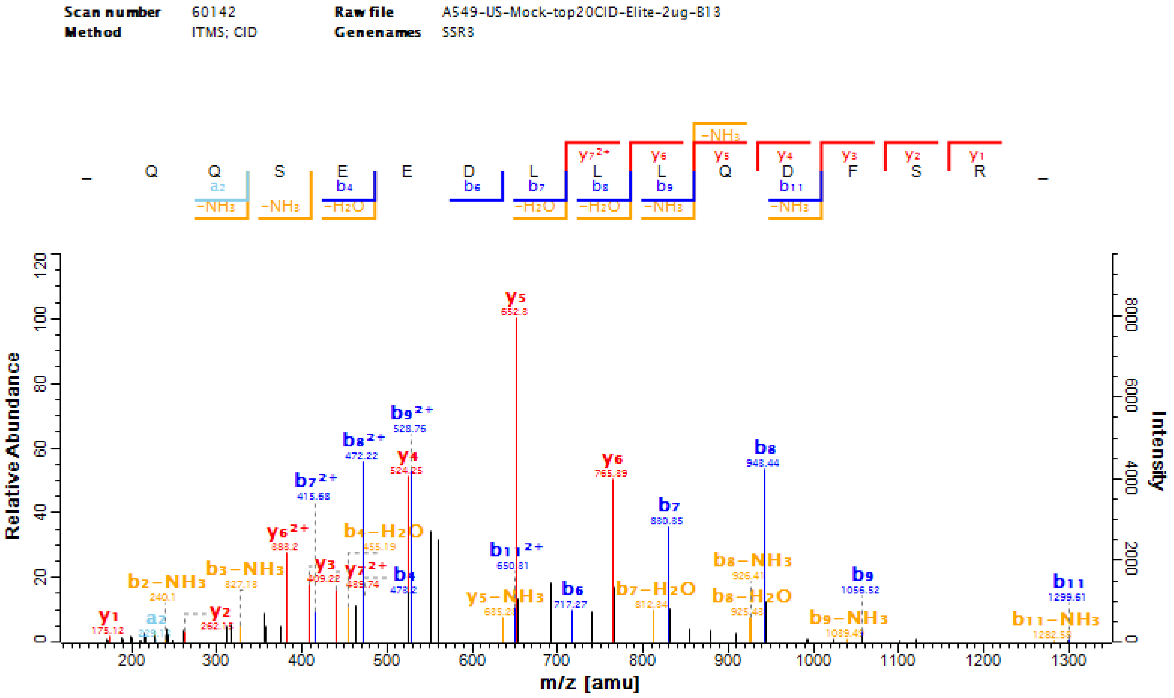
Total Number of Spectra: 9

Number of Replicates (out of 8): 7

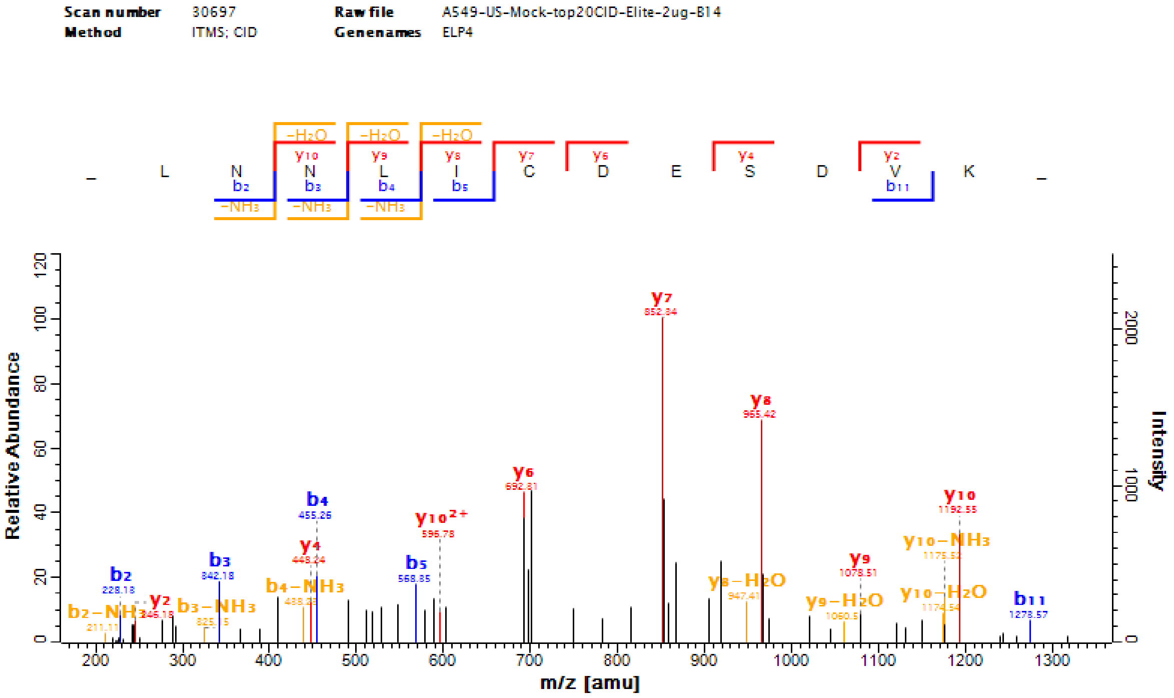
Best Match Score: 137.62

Best Match Posterior Error Probability: 2.93E-05

Best Match Spectrum:

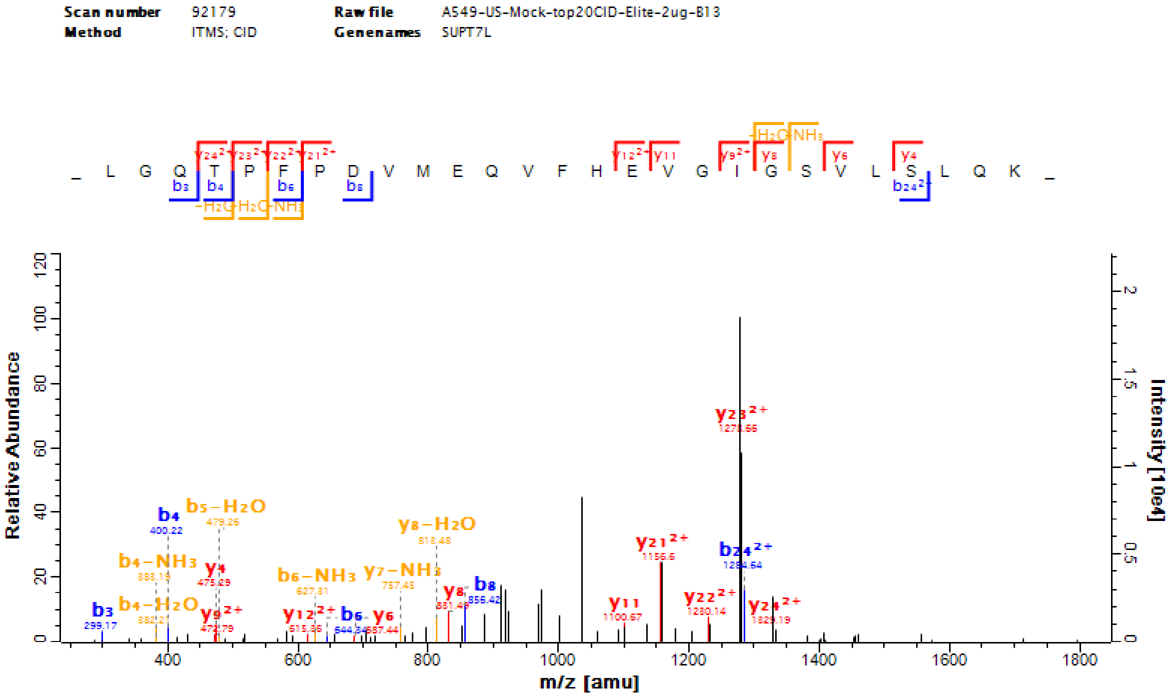


Protein Group ID: 356
Protein Accession Numbers: G5E9D4; Q96EB1-2; B4E3W0; Q96EB1
Gene Names: ELP4
Peptide Sequence: LNNLICDESDVK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 110.31
Best Match Posterior Error Probability: 0.00026024
Best Match Spectrum:

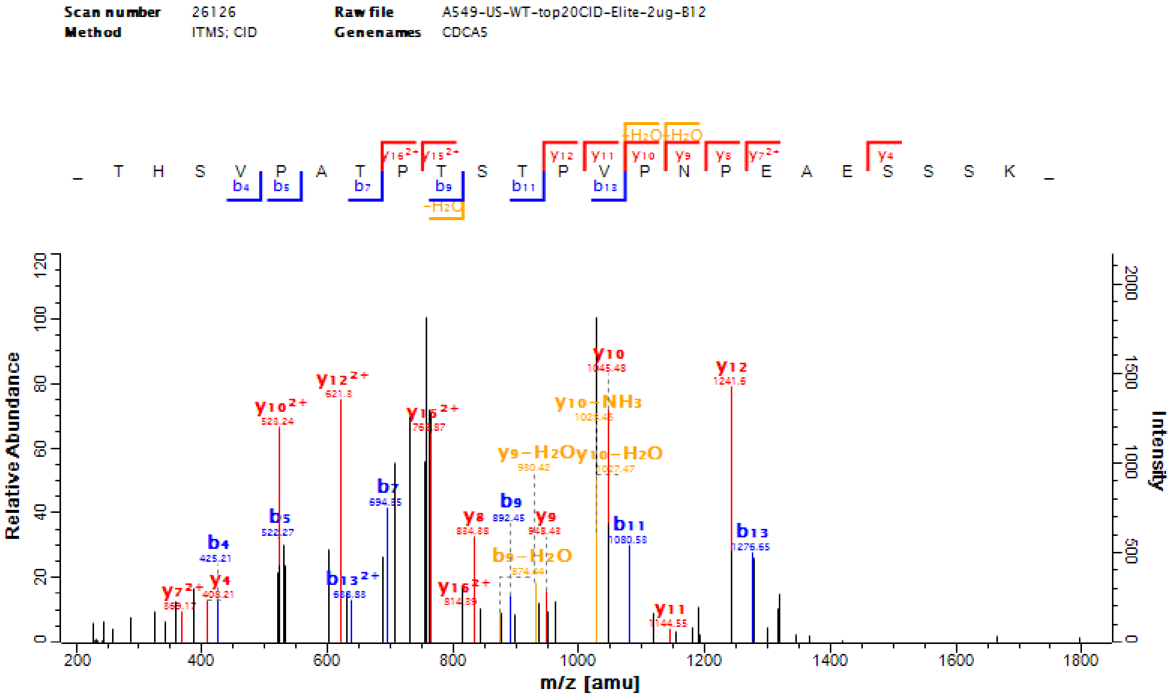


Scan number 30697 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** ELP4

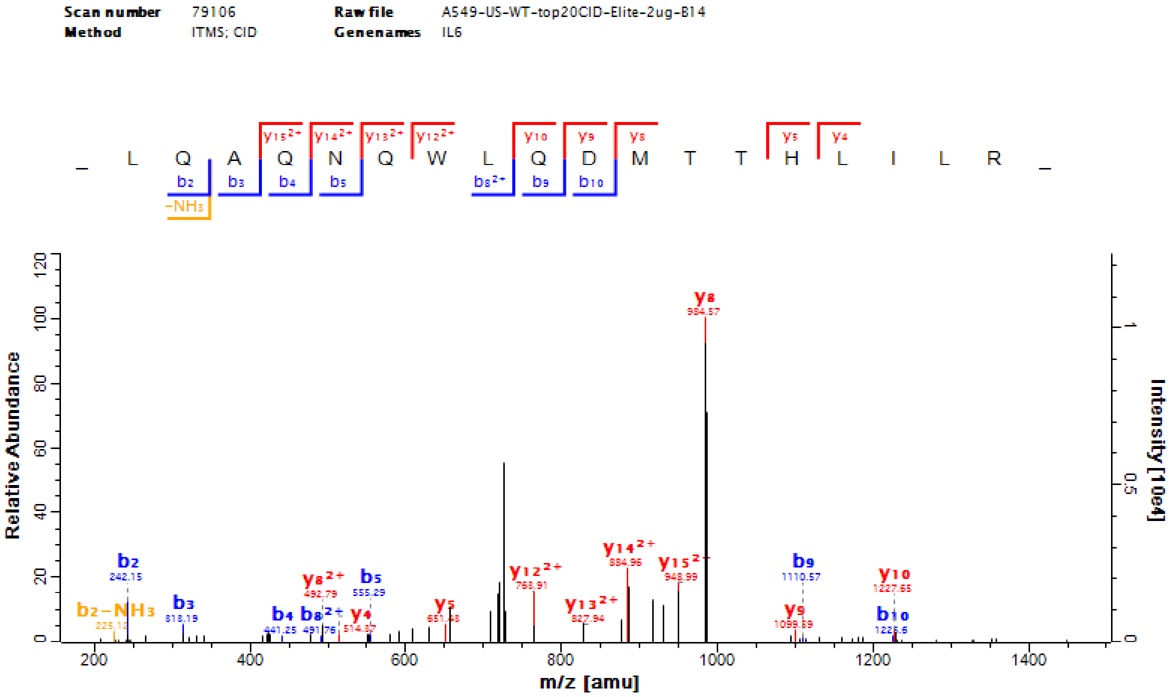
Protein Group ID: 357
Protein Accession Numbers: O94864; O94864-2; B4E3W3
Gene Names: SUPT7L
Peptide Sequence: LGQTPFPDVMEQVFHEVGIGSVLSLQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 51.39
Best Match Posterior Error Probability: 0.0036284
Best Match Spectrum:



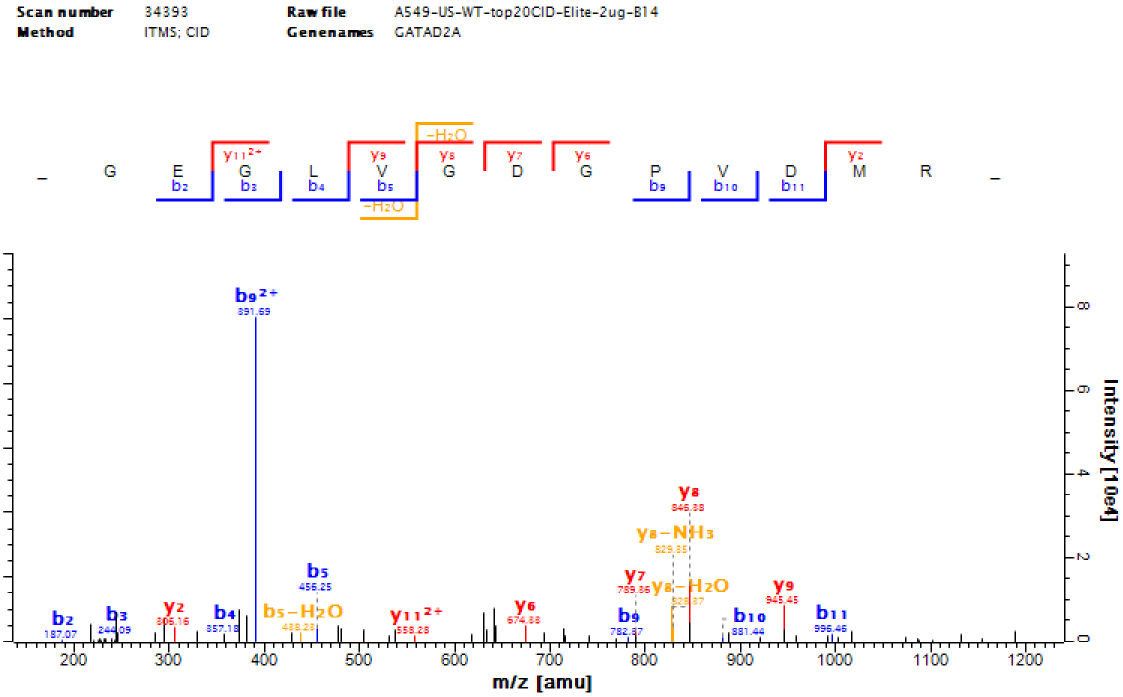
Protein Group ID: 358
Protein Accession Numbers: B5MBX0; Q96FF9
Gene Names: CDCA5
Peptide Sequence: THSVPATPTSTPVPNPEAESSSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 87.654
Best Match Posterior Error Probability: 1.46E-05
Best Match Spectrum:



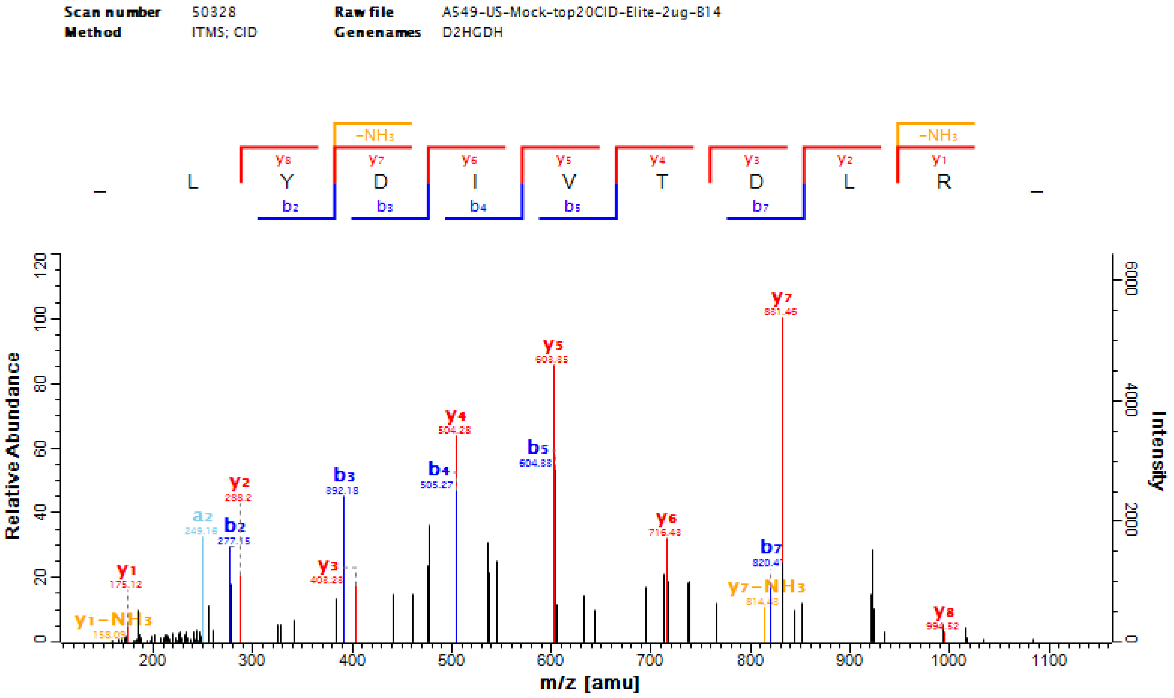
Protein Group ID: 360
Protein Accession Numbers: P05231; B5MCZ3; B5MC21
Gene Names: IL6
Peptide Sequence: LQAQNQWLQDMTTHLILR
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 70.41
Best Match Posterior Error Probability: 0.0034301
Best Match Spectrum:



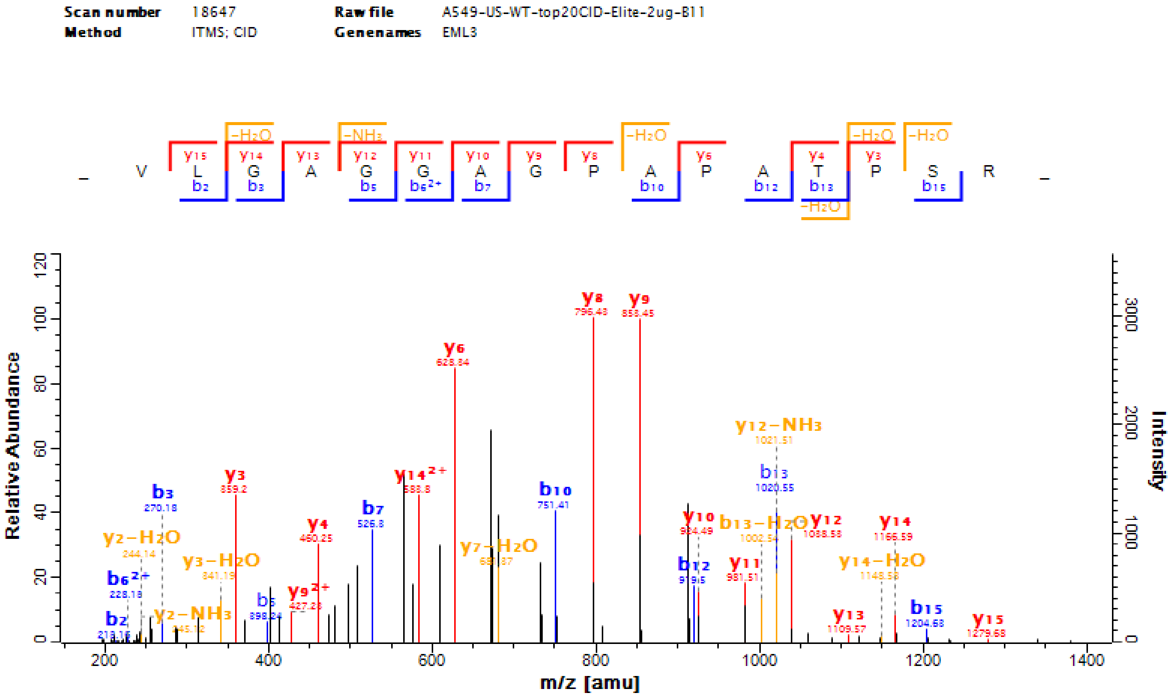
Protein Group ID: 361
Protein Accession Numbers: B5MC40; Q86YP4; Q86YP4-2; C9JJK9; C9JHD7; C9JGN4; C9JMI3; C9JVY3
Gene Names: GATAD2A
Peptide Sequence: GEGLVGDGPVDMR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 80.318
Best Match Posterior Error Probability: 0.0032393
Best Match Spectrum:



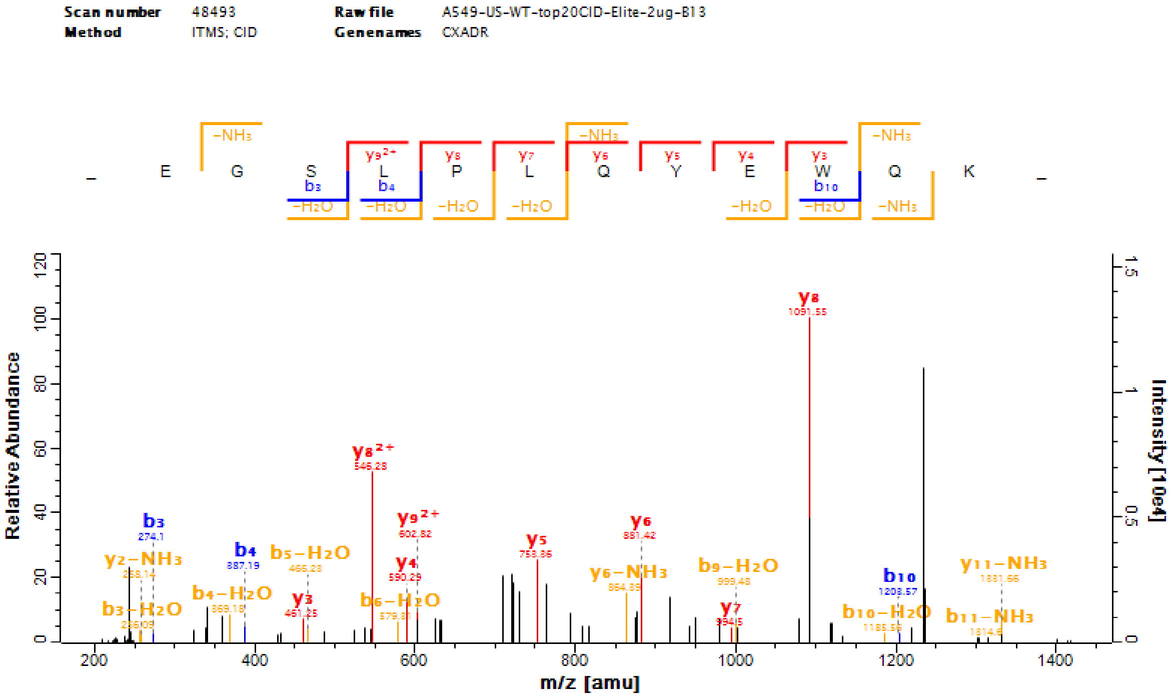
Protein Group ID: 367
Protein Accession Numbers: Q8N465; B5MCV2; H7BZ32; H7C0N1
Gene Names: D2HGDH
Peptide Sequence: LYDIVTDLR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 112.75
Best Match Posterior Error Probability: 0.00082265
Best Match Spectrum:



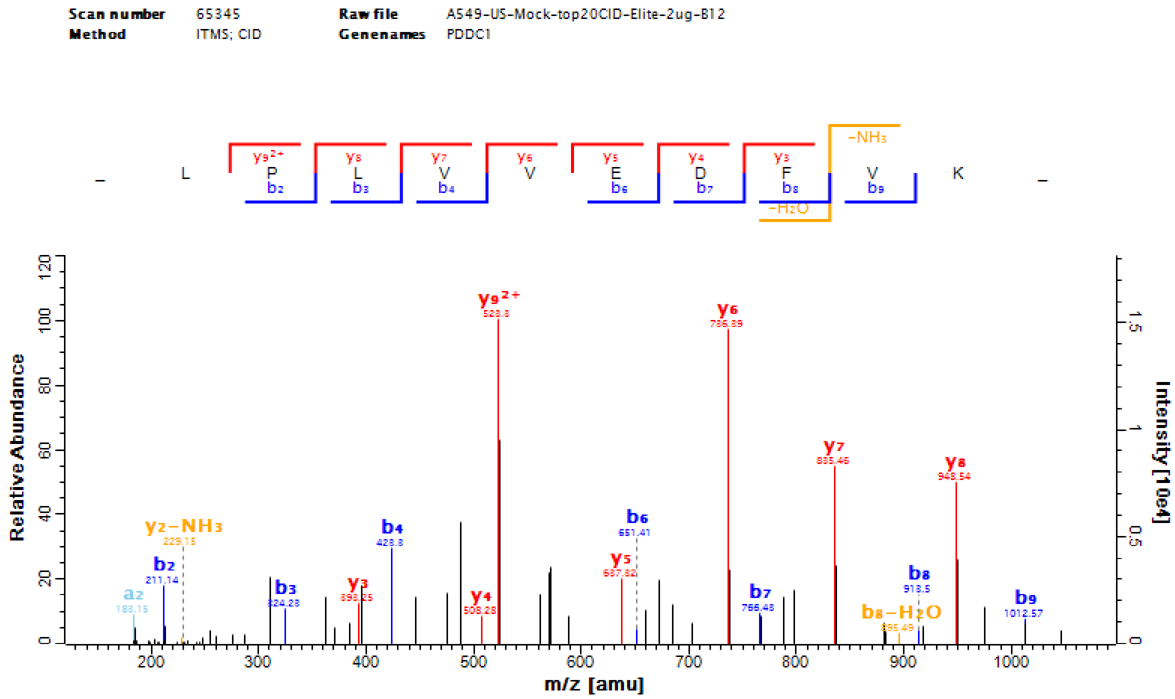
Protein Group ID: 377
Protein Accession Numbers: B7WPE2; Q32P44; G3V195; H7C355
Gene Names: EML3
Peptide Sequence: VLGAGGAGPAPATPSR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 144.68
Best Match Posterior Error Probability: 4.47E-06
Best Match Spectrum:



Protein Group ID: 380
Protein Accession Numbers: P78310; B7WPI3; P78310-2; D3YHP0; P78310-5
Gene Names: CXADR
Peptide Sequence: EGSLPLQYEWQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 84.605
Best Match Posterior Error Probability: 0.0023153
Best Match Spectrum:

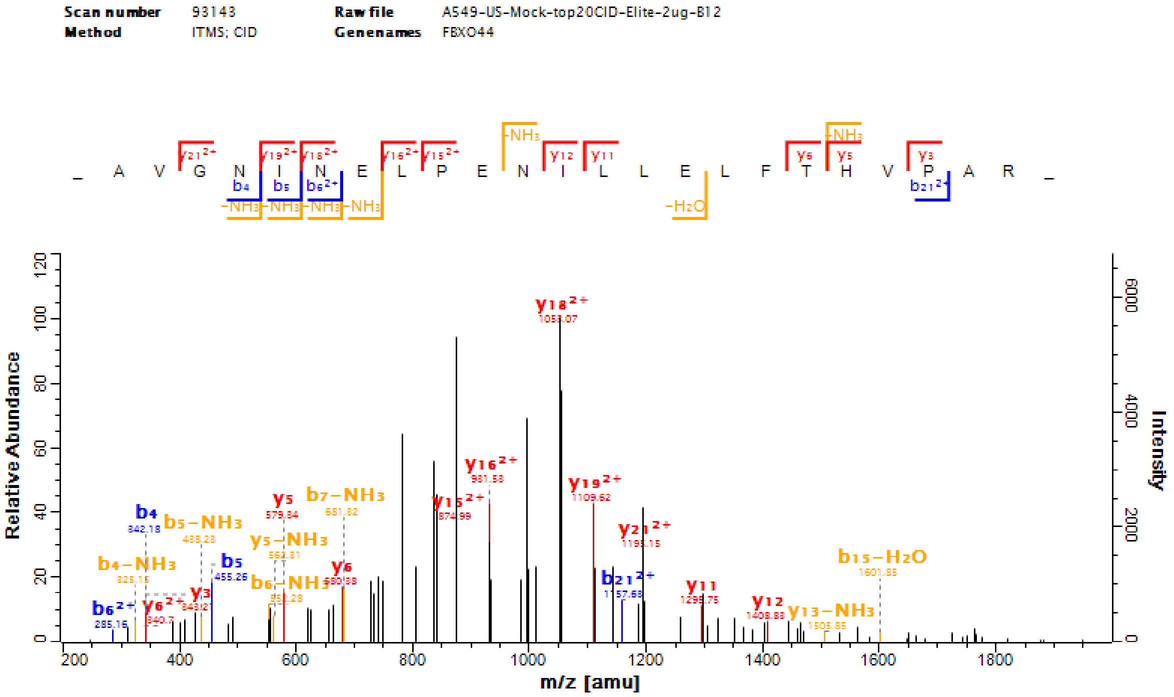


Protein Group ID: 381
Protein Accession Numbers: Q8NB37-2; Q8NB37; Q8NB37-3; B7Z1J9; H0YF25; H0YE25; H0YER3
Gene Names: PDDC1
Peptide Sequence: LPLVVEDFVK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 103.26
Best Match Posterior Error Probability: 0.00064102
Best Match Spectrum:

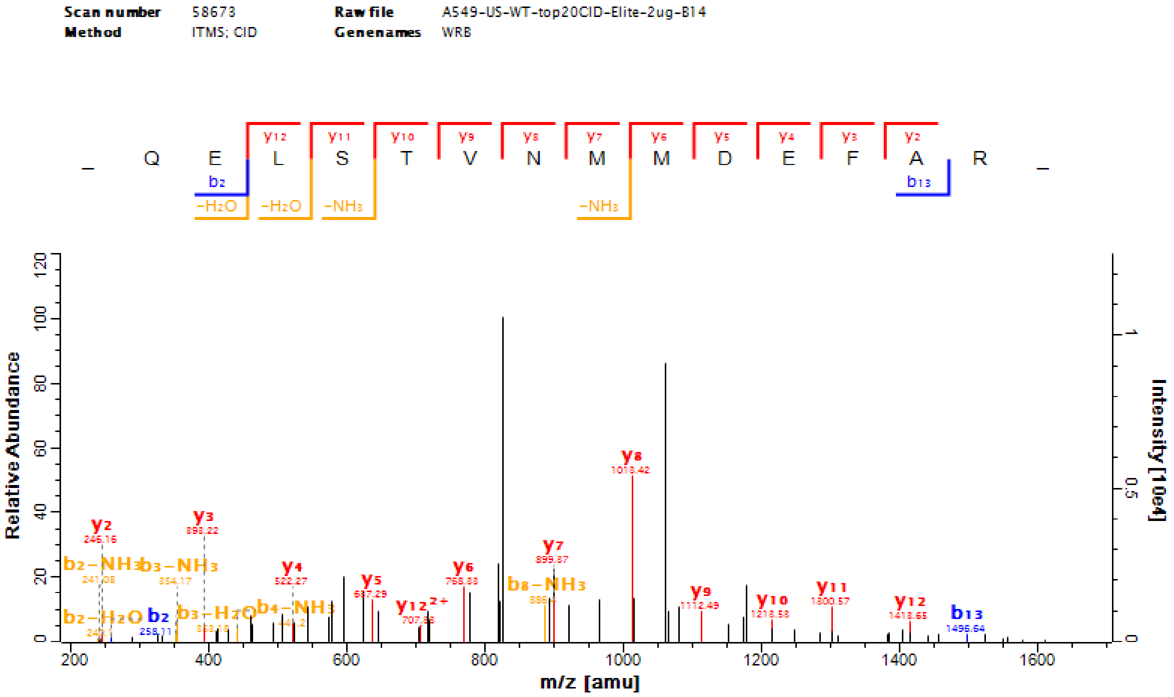


Scan number 65345 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** PDDC1

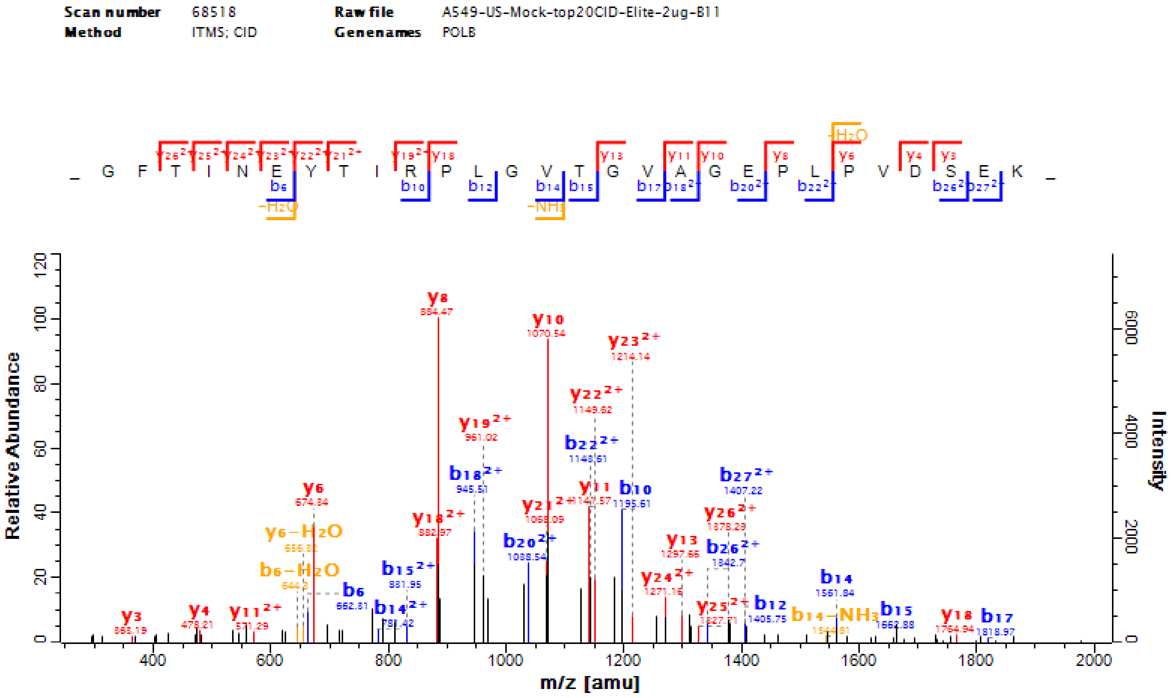
Protein Group ID: 382
Protein Accession Numbers: B7Z1P2; Q9H4M3; Q9H4M3-2
Gene Names: FBXO44
Peptide Sequence: AVGNINELPENILLELFTHVPAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 64.2
Best Match Posterior Error Probability: 0.0011815
Best Match Spectrum:



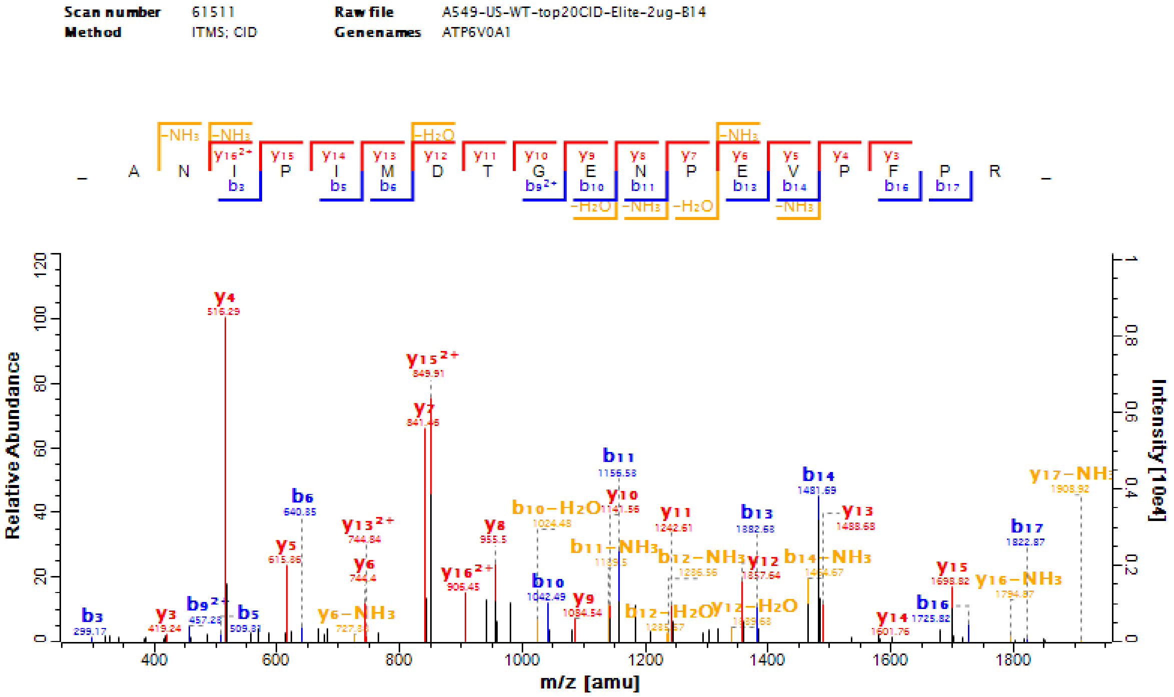
Protein Group ID: 383
Protein Accession Numbers: O00258; B7Z1T1; O00258-2; H7BYE5
Gene Names: WRB
Peptide Sequence: QELSTVNMMDEFAR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 80.706
Best Match Posterior Error Probability: 0.0030738
Best Match Spectrum:



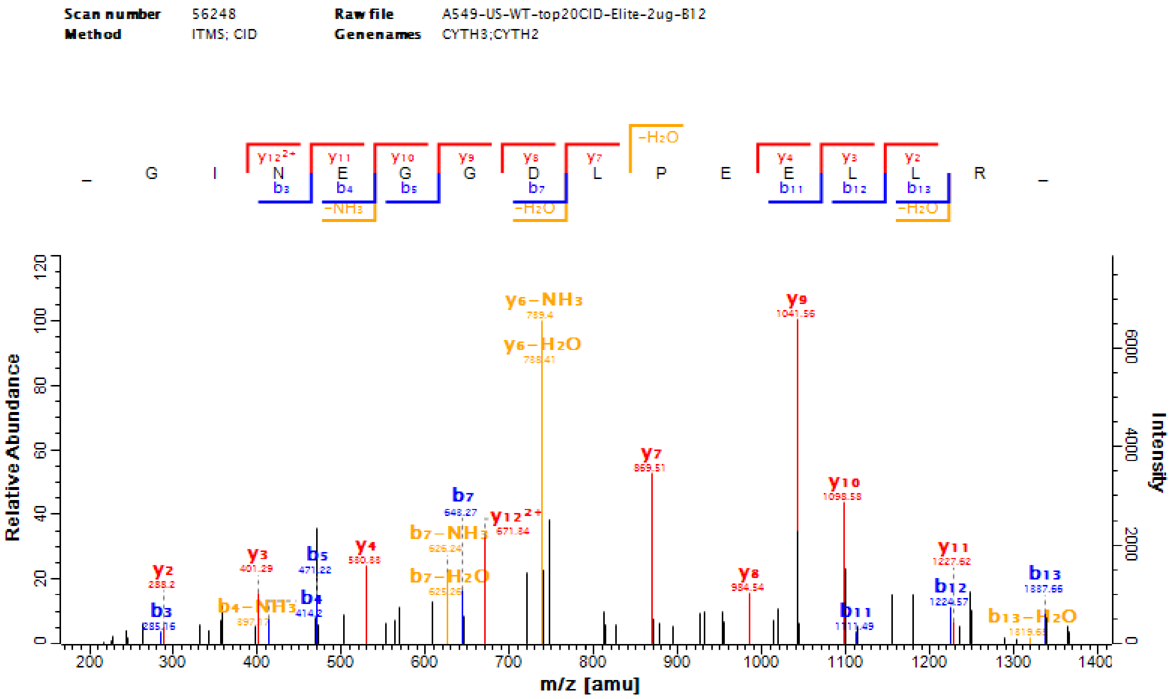
Protein Group ID: 384
Protein Accession Numbers: P06746; H0YBJ0; B7Z1W5; E5RHZ4
Gene Names: POLB
Peptide Sequence: GFTINEYTIRPLGVTGVAGEPLPVDSEK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 129.29
Best Match Posterior Error Probability: 7.06E-18
Best Match Spectrum:



Protein Group ID: 387
Protein Accession Numbers: Q93050-3; F5H569; Q93050; Q93050-1; B7Z2A9; B7Z641; K7EN36; K7EM24; K7ELZ6
Gene Names: ATP6V0A1
Peptide Sequence: ANIPIMDTGENPEVPFPR
Total Number of Spectra: 7
Number of Replicates (out of 8): 6
Best Match Score: 171.98
Best Match Posterior Error Probability: 1.01E-14
Best Match Spectrum:

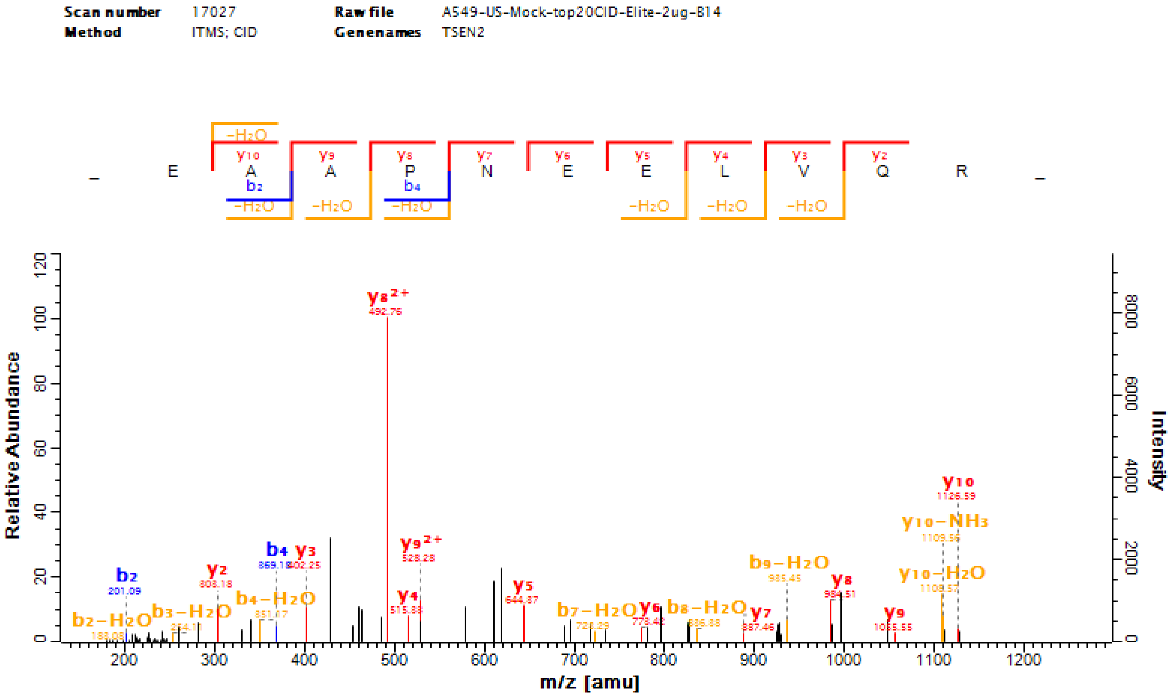


Protein Group ID: 390
Protein Accession Numbers: J3KQA6; O43739; Q99418; O43739-2; Q99418-2; B7Z2V9; G5E9B7; F8W8E2
Gene Names: CYTH3;CYTH2
Peptide Sequence: GINEGGDLPEELLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 91.076
Best Match Posterior Error Probability: 0.0010949
Best Match Spectrum:



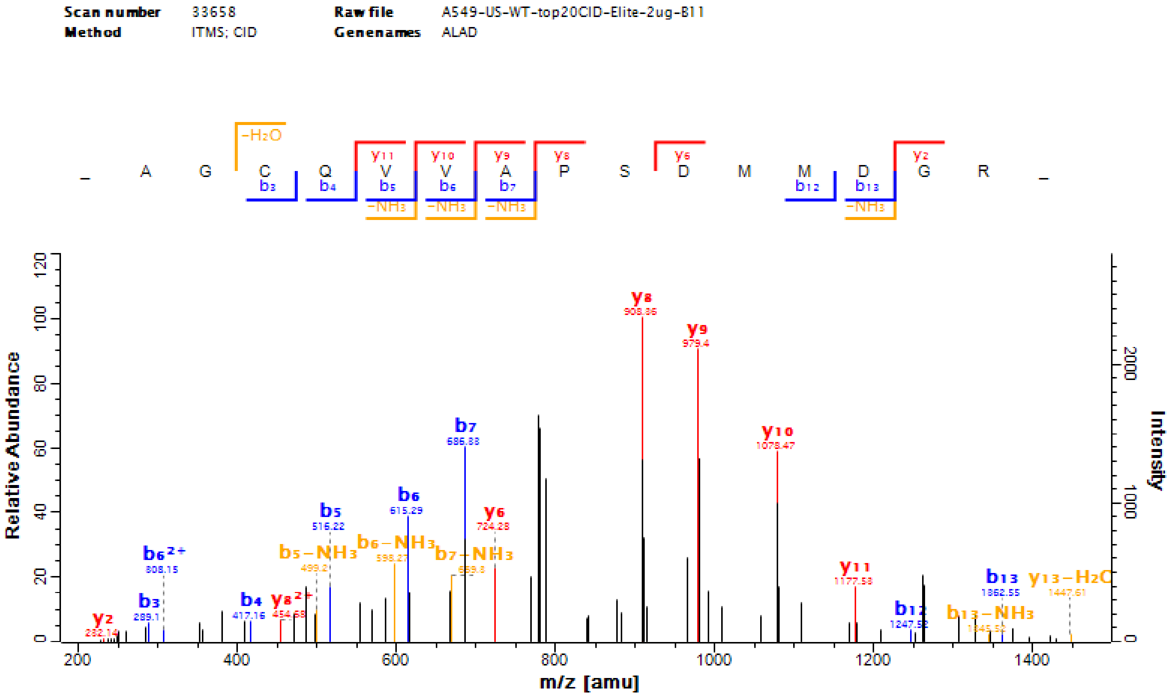
Scan number 56248 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** CYTH3;CYTH2

Protein Group ID: 392
Protein Accession Numbers: Q8NCE0; Q8NCE0-2; B7Z355; C9IZI7; C9J7Z4
Gene Names: TSEN2
Peptide Sequence: EAAPNEELVQR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 90.653
Best Match Posterior Error Probability: 0.0014098
Best Match Spectrum:



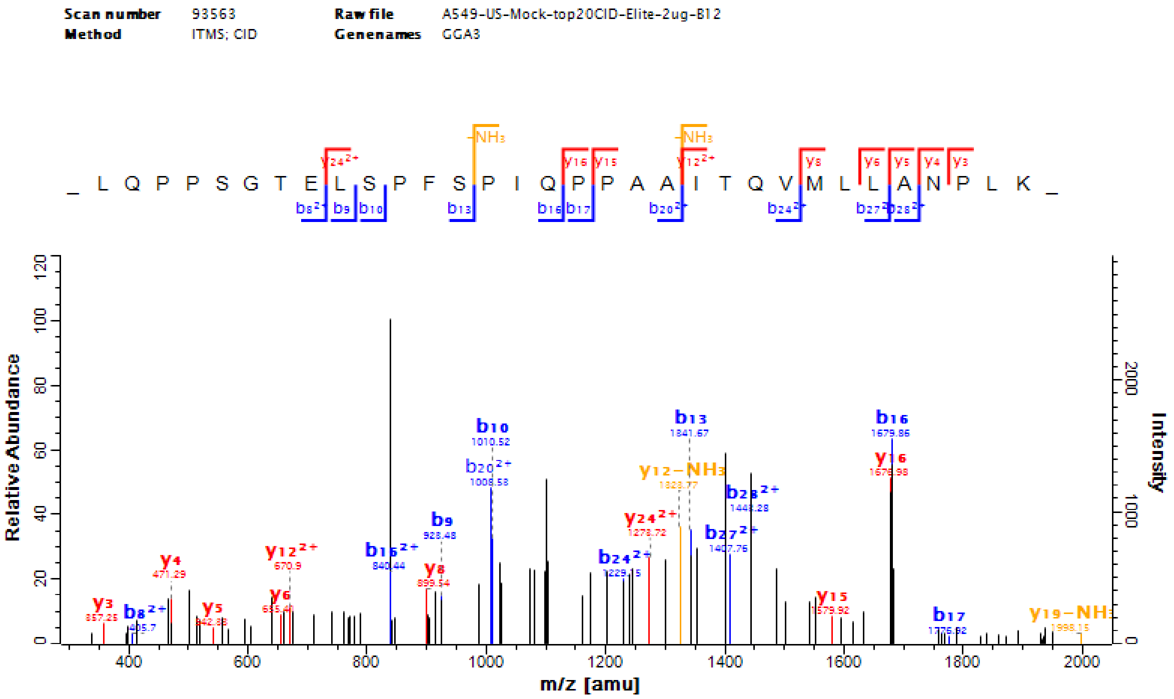
Scan number 17027 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** TSEN2

Protein Group ID: 393
Protein Accession Numbers: P13716-2; P13716; B7Z3I9
Gene Names: ALAD
Peptide Sequence: AGCQVVAPSDMMDGR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 82.925
Best Match Posterior Error Probability: 0.0019569
Best Match Spectrum:

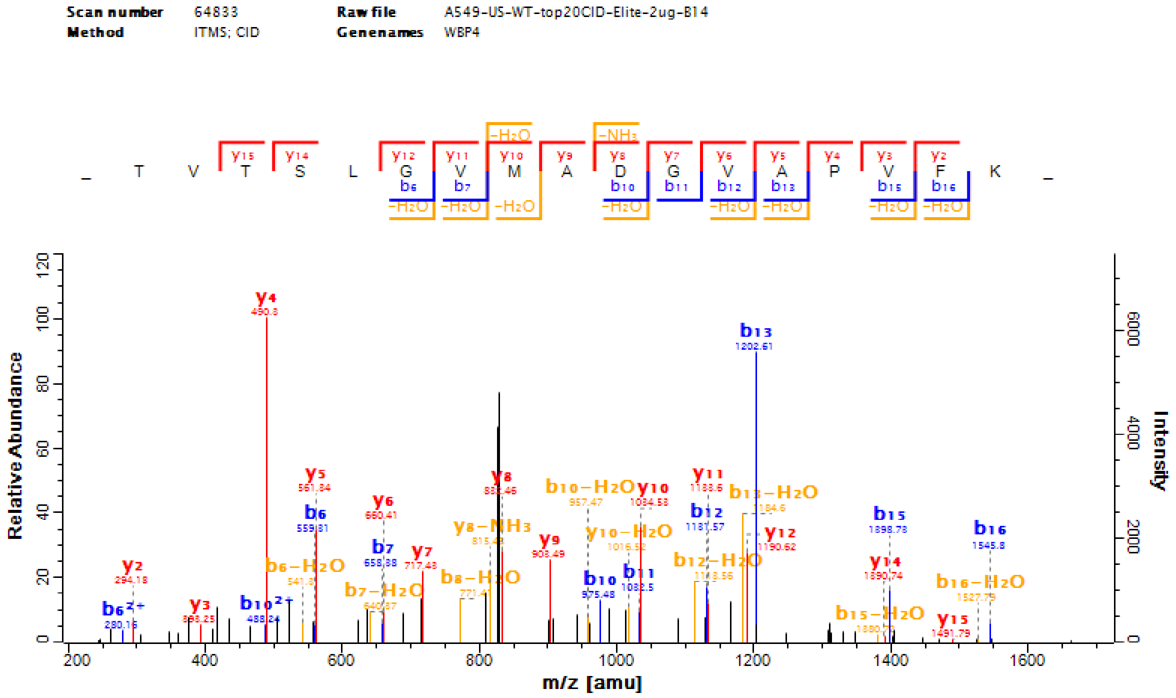


Scan number 33658 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** ALAD

Protein Group ID: 396
Protein Accession Numbers: Q9NZ52; Q9NZ52-2; J3KRN0; J3KSS7; B7Z456; Q9NZ52-3; J3QS87; J3KTR5; J3KRM3
Gene Names: GGA3
Peptide Sequence: LQPPSGTELSPFSPIQPPAAITQVMLLANPLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 55.153
Best Match Posterior Error Probability: 0.00054089
Best Match Spectrum:

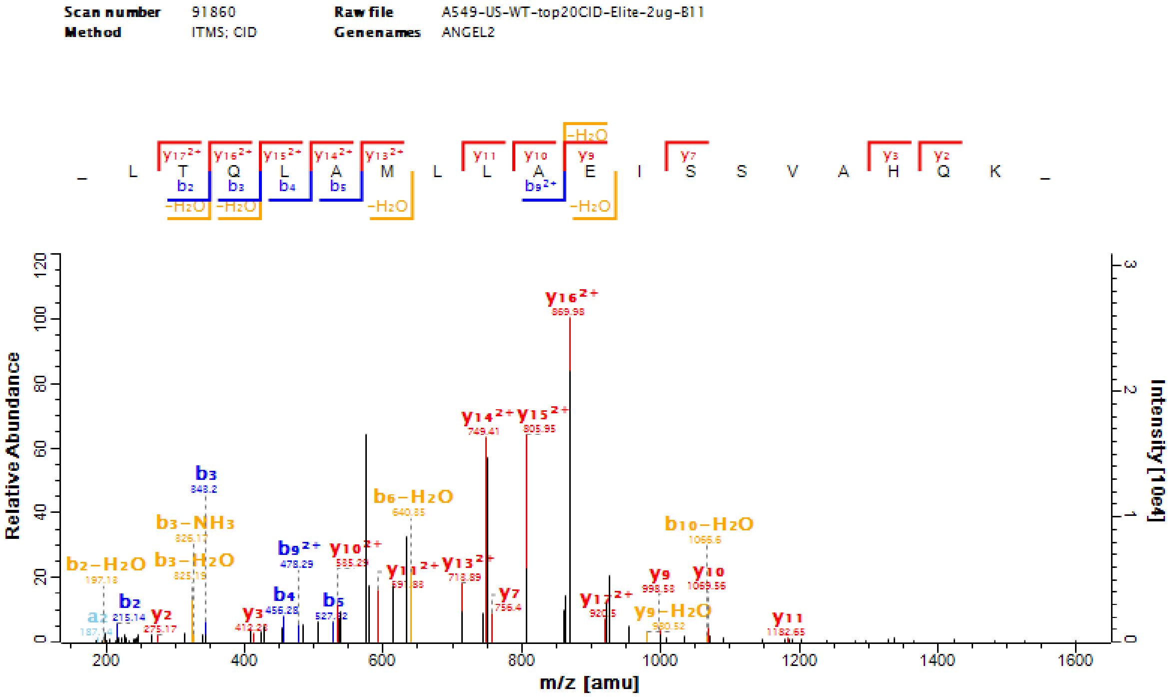


Protein Group ID: 400
Protein Accession Numbers: O75554; B7Z4M2
Gene Names: WBP4
Peptide Sequence: TVTSLGVMADGVAPVFK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 188.59
Best Match Posterior Error Probability: 3.08E-21
Best Match Spectrum:

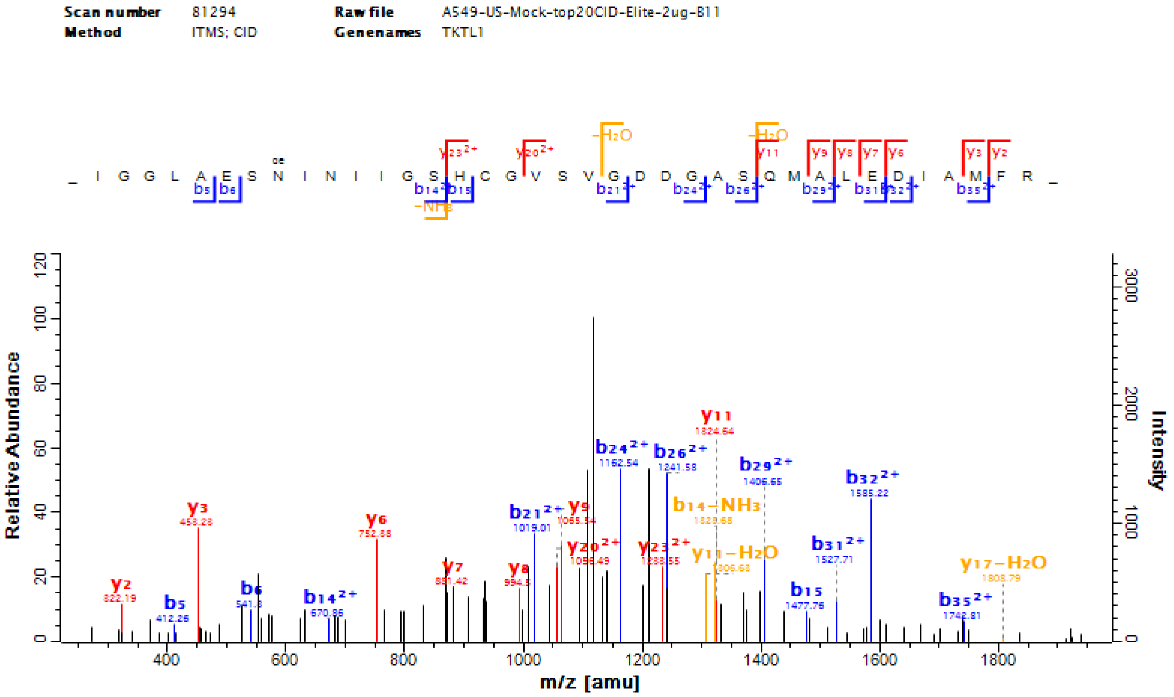


Scan number 64833 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** WBP4

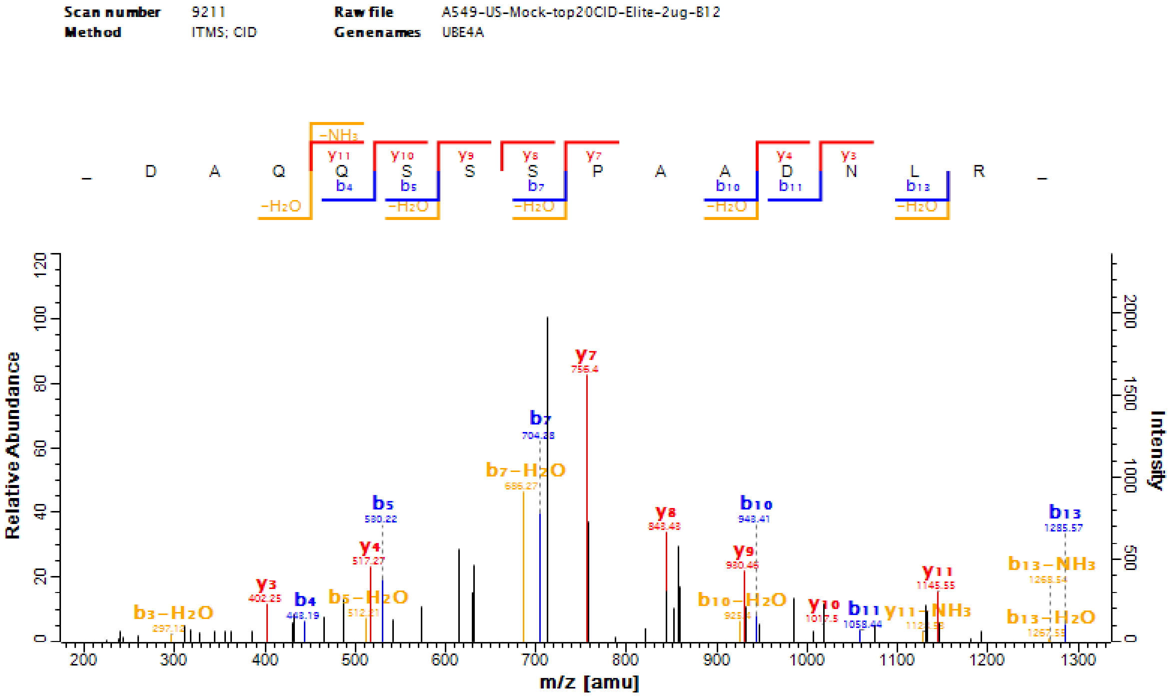
Protein Group ID: 403
Protein Accession Numbers: Q5VTE6; F5H476; Q5VTE6-2; B7Z5T0
Gene Names: ANGEL2
Peptide Sequence: LTQLAMLLAEISSVAHQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 87.138
Best Match Posterior Error Probability: 0.0004486
Best Match Spectrum:



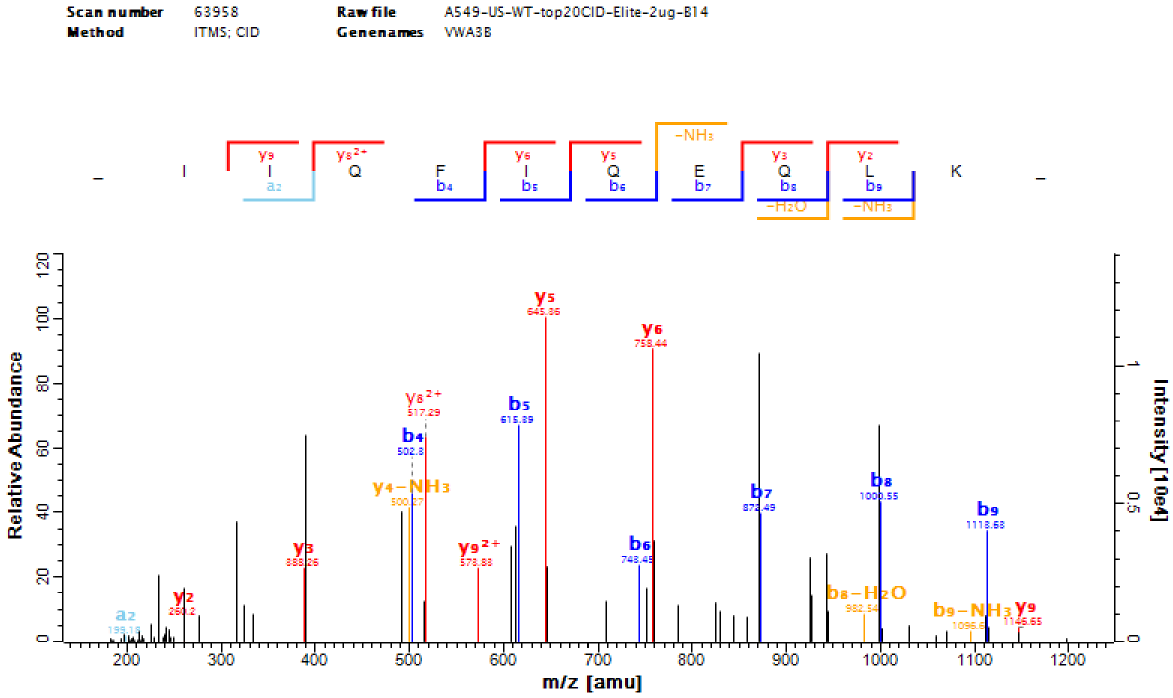
Protein Group ID: 410
Protein Accession Numbers: P51854; P51854-1; Q5TYJ8; B7Z7M4
Gene Names: TKTL1
Peptide Sequence: IGGLAESNINIIGSHCGVSVGDDGASQMALEDIAMFR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 55.442
Best Match Posterior Error Probability: 0.00034025
Best Match Spectrum:



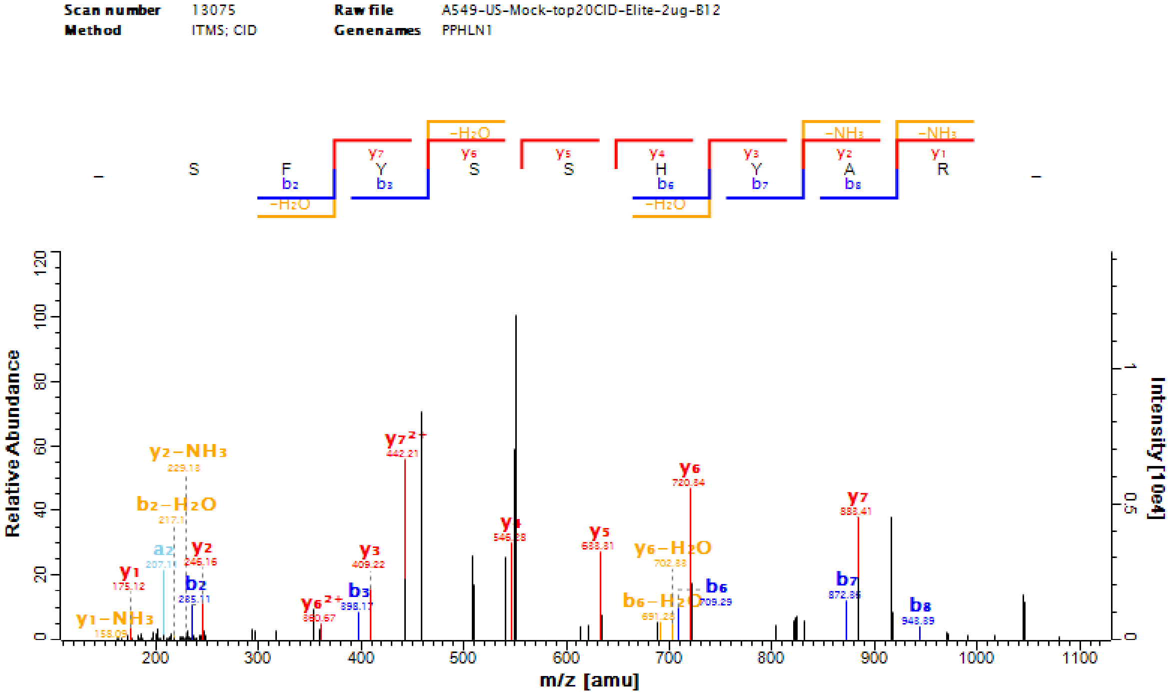
Protein Group ID: 411
Protein Accession Numbers: Q14139-2; Q14139; B7Z7P0
Gene Names: UBE4A
Peptide Sequence: DAQQSSSPAADNLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 93.478
Best Match Posterior Error Probability: 0.00086622
Best Match Spectrum:



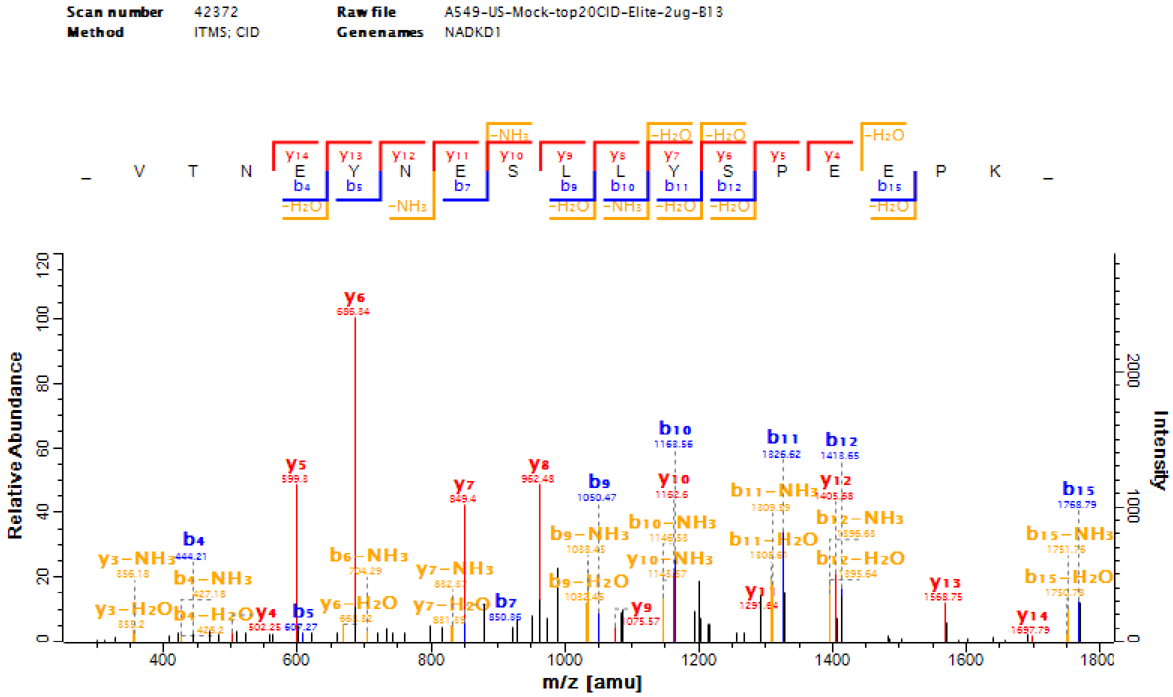
Protein Group ID: 414
Protein Accession Numbers: Q502W6-6; Q502W6; Q502W6-8; Q502W6-2; B7Z7Q7; H0YF54
Gene Names: VWA3B
Peptide Sequence: IIQFIQEQLK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 86.014
Best Match Posterior Error Probability: 0.0027897
Best Match Spectrum:



Protein Group ID: 420
Protein Accession Numbers: Q8NEY8; Q8NEY8-3; F8W0Q9; Q8NEY8-2; Q8NEY8-8; F8W6A0; E9PAX8; B7Z8L1; Q8NEY8-6; F8WF16; Q8NEY8-5; F8VWU8; F8VPY7
Gene Names: PPHLN1
Peptide Sequence: SFYSSHYAR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 113.62
Best Match Posterior Error Probability: 0.0007746
Best Match Spectrum:

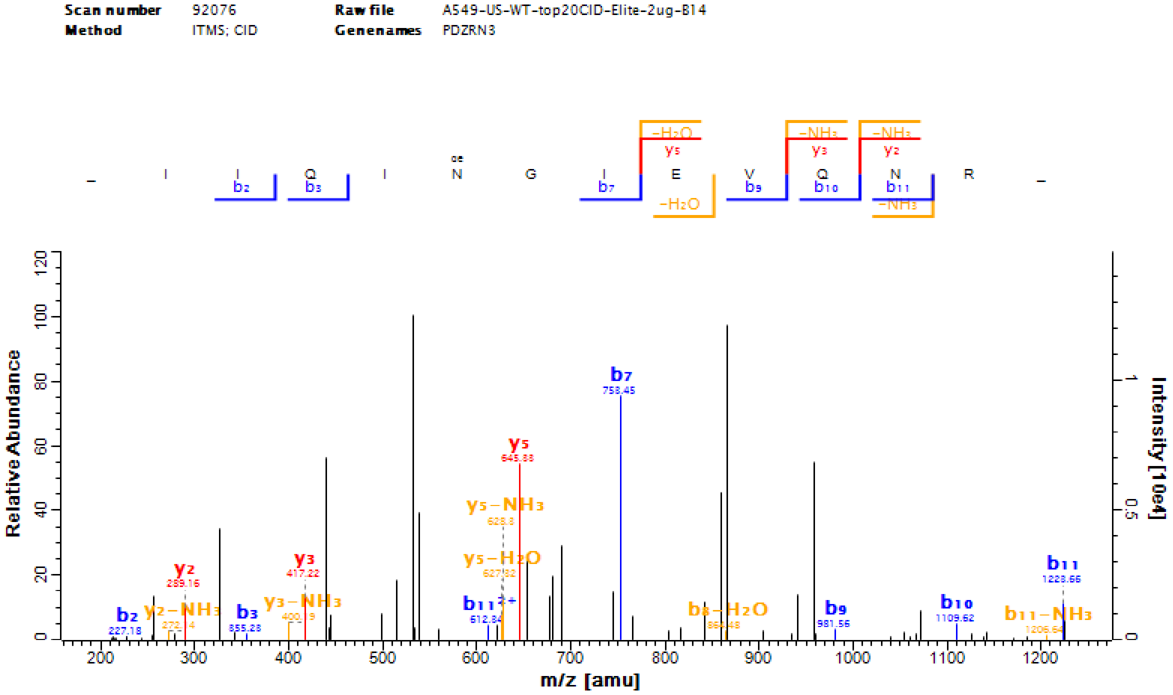


Protein Group ID: 421
Protein Accession Numbers: Q4G0N4; Q4G0N4-2; B7Z8V7; Q4G0N4-3
Gene Names: NADKD1
Peptide Sequence: VTNEYNESLLYSPEEPK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 178
Best Match Posterior Error Probability: 8.09E-15
Best Match Spectrum:

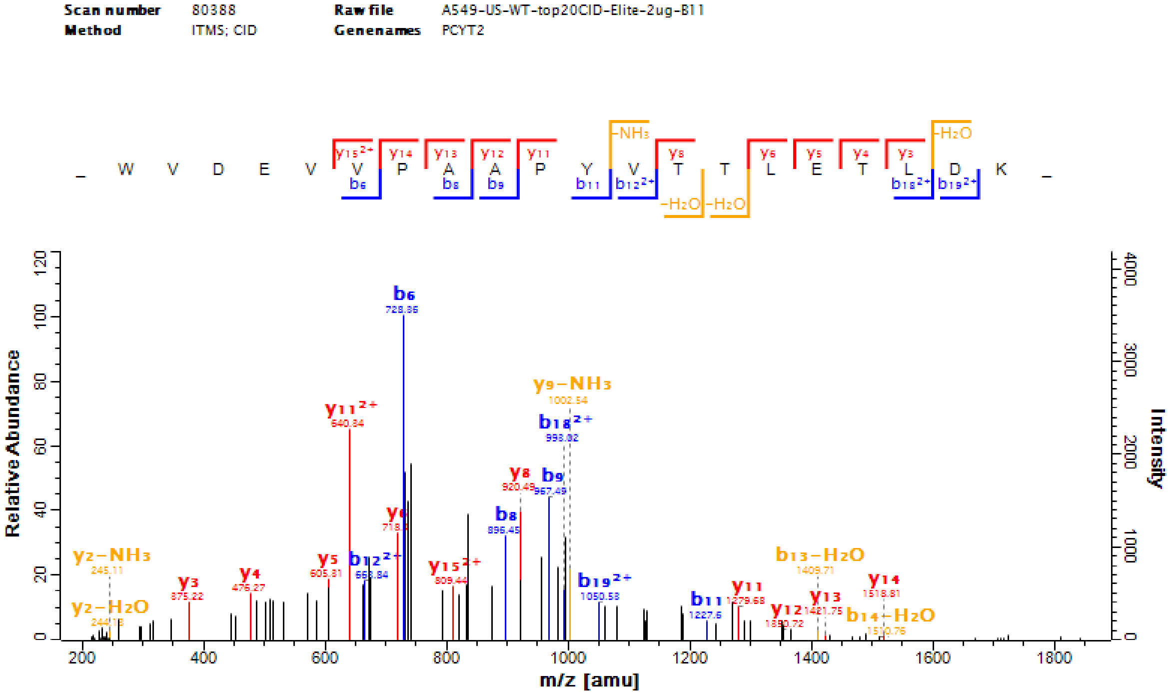


Scan number	42372	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	NADKD1

Protein Group ID: 427
Protein Accession Numbers: Q9UPQ7; F5H8I9; B7ZAG0; Q9UPQ7-3; E7ENB6; C9JWE6; H7C566
Gene Names: PDZRN3
Peptide Sequence: IIQINGIEVQNR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 87.184
Best Match Posterior Error Probability: 0.0086204
Best Match Spectrum:

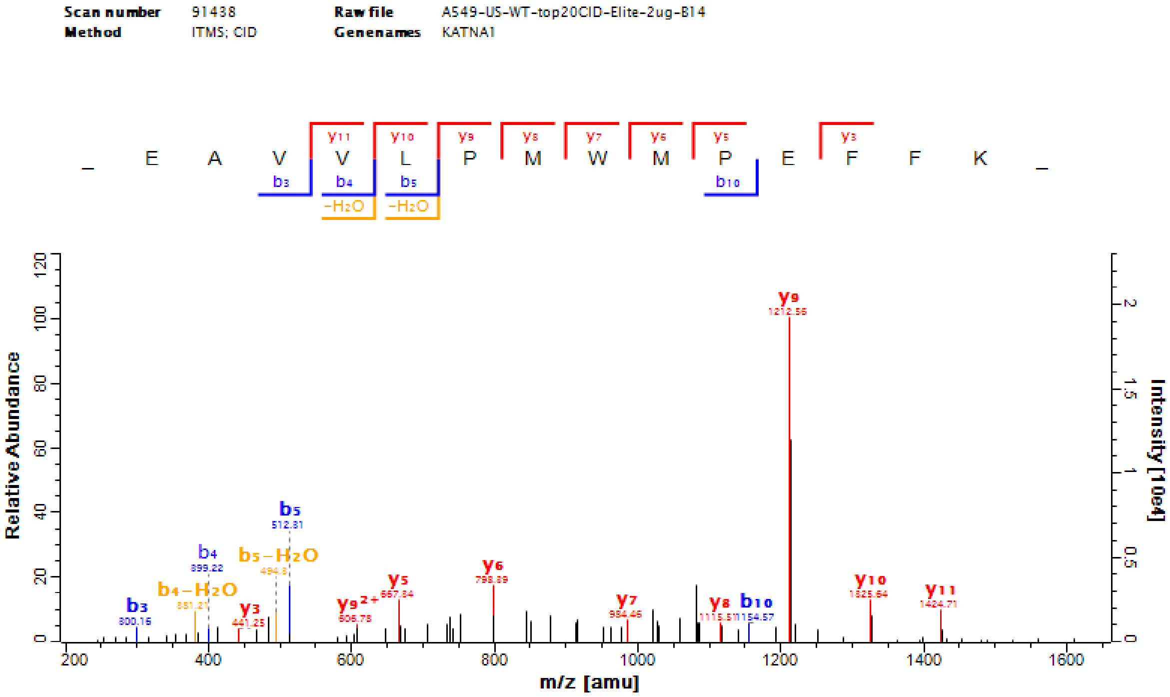


Protein Group ID: 428
Protein Accession Numbers: F5H8B1; Q99447; I3L1R7; B7ZAS0; Q99447-2; I3L2Q1; I3L1C4; I3L1F9
Gene Names: PCYT2
Peptide Sequence: WVDEVVPAAPYVTTLETLDK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 64.2
Best Match Posterior Error Probability: 0.0031511
Best Match Spectrum:



Scan number 80388 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** PCYT2

Protein Group ID: 430
Protein Accession Numbers: O75449; B7ZBC8
Gene Names: KATNA1
Peptide Sequence: EAVVLPMWMPEFFK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 96.591
Best Match Posterior Error Probability: 0.00056989
Best Match Spectrum:



Protein Group ID: 441

Protein Accession Numbers: Q17RY0; Q17RY0-2; B7ZLQ8; E5RJM0; E5RFP2; Q17RY0-3

Gene Names: CPEB4

Peptide Sequence: FGPLIVDWPHK

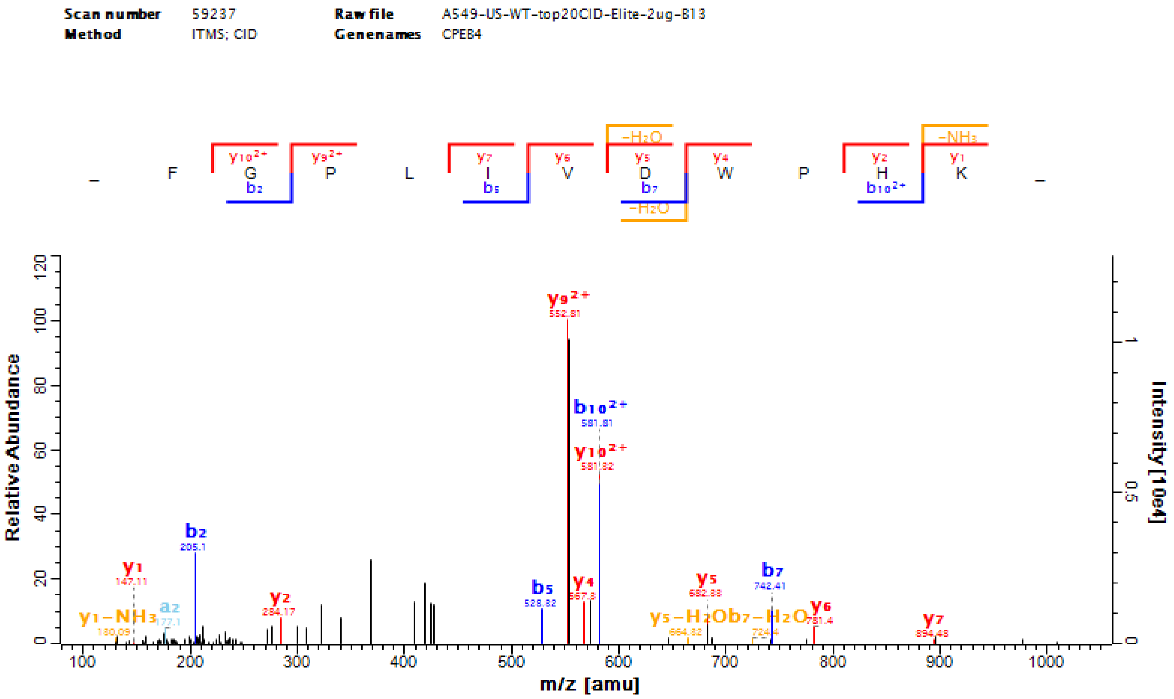
Total Number of Spectra: 1

Number of Replicates (out of 8): 1

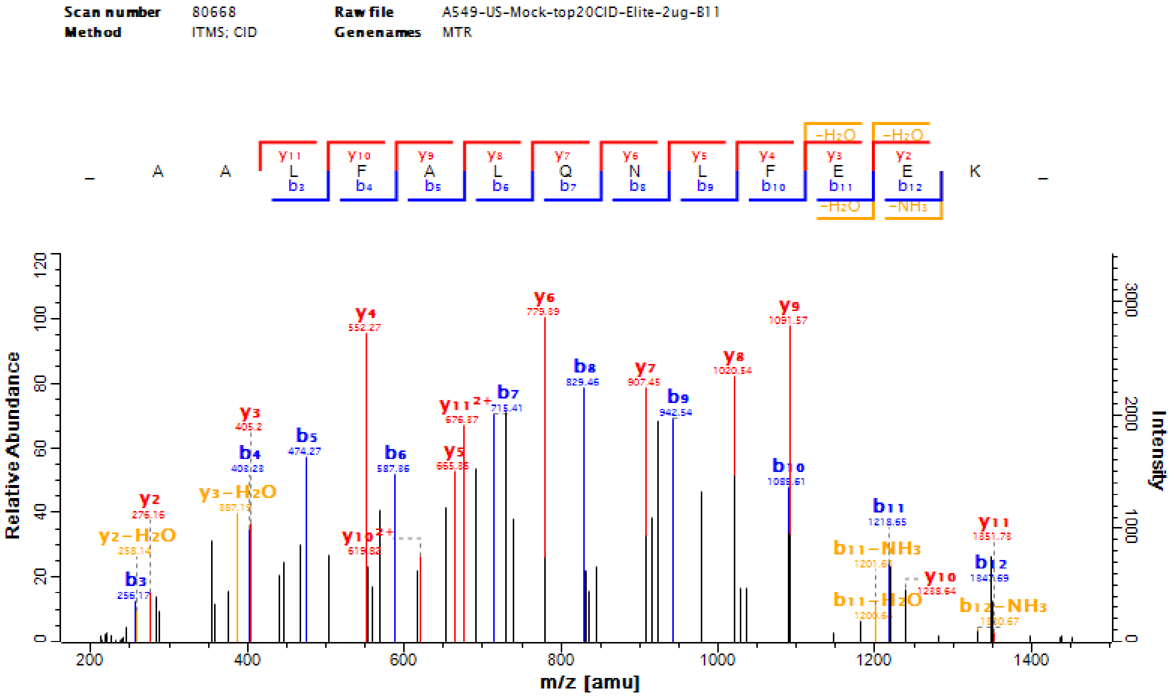
Best Match Score: 83.869

Best Match Posterior Error Probability: 0.0027702

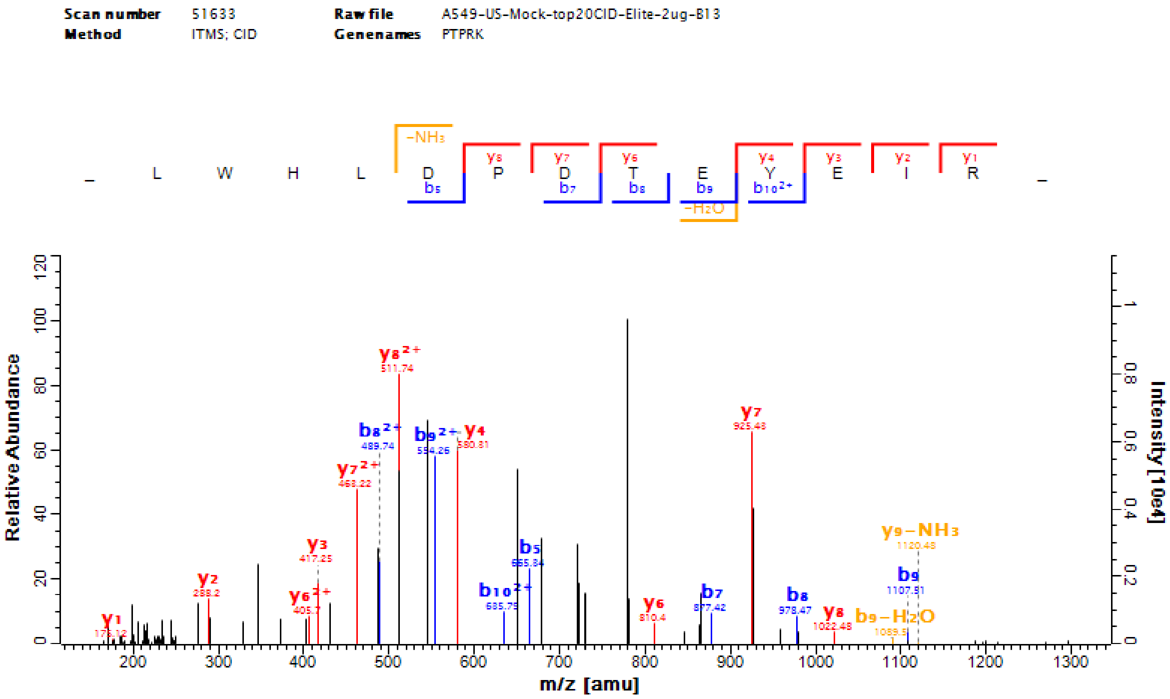
Best Match Spectrum:



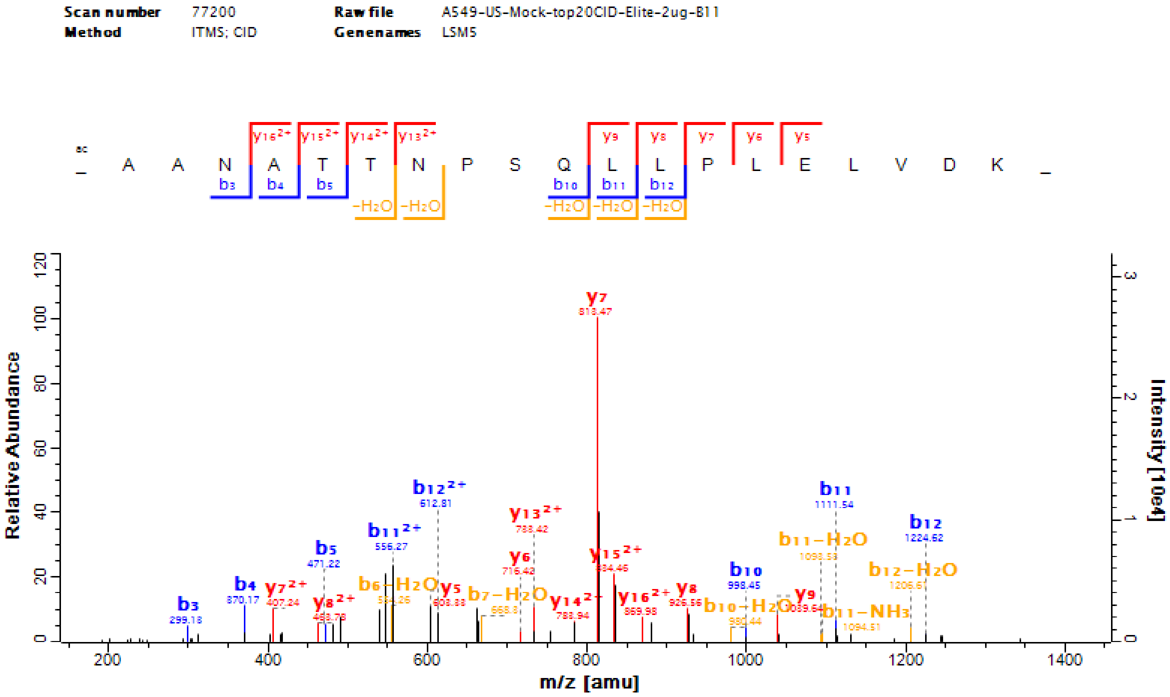
Protein Group ID: 442
Protein Accession Numbers: Q99707; B7ZLW7
Gene Names: MTR
Peptide Sequence: AALFALQNLFEEK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 156.08
Best Match Posterior Error Probability: 1.53E-07
Best Match Spectrum:



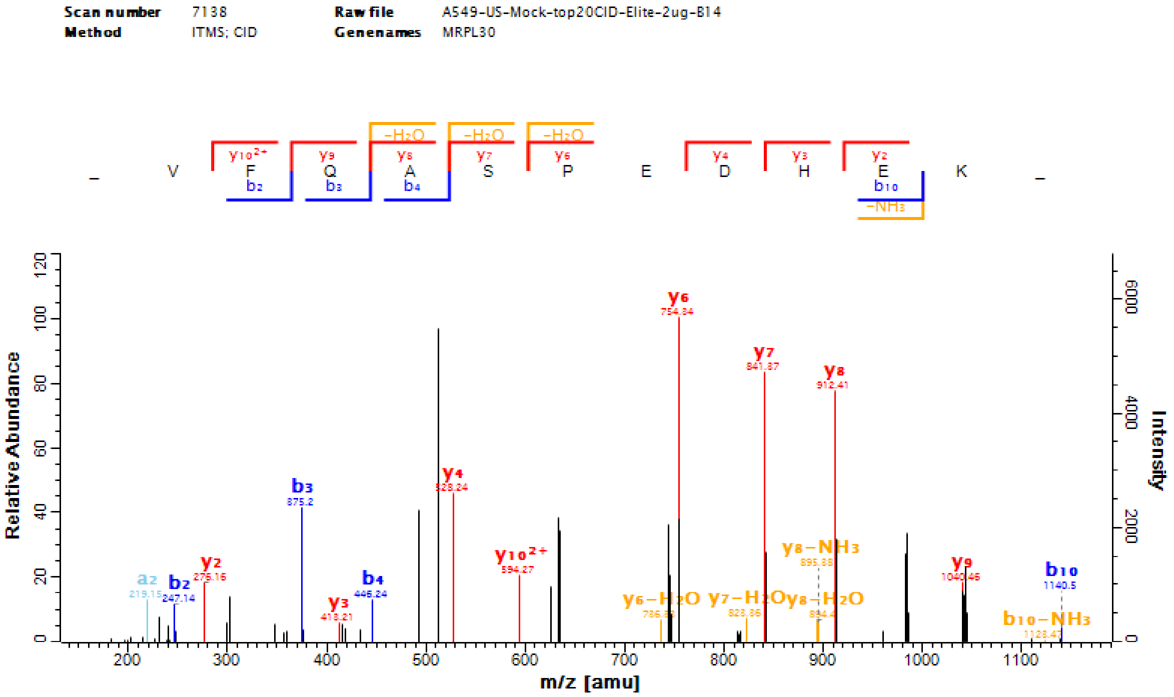
Protein Group ID: 445
Protein Accession Numbers: E9PGC5; B7ZMG0; Q5TG12; F5GXI4; Q15262-3; Q15262-2; Q15262; H0YDP9
Gene Names: PTPRK
Peptide Sequence: LWHLDPDTEYEIR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 92.19
Best Match Posterior Error Probability: 0.0011858
Best Match Spectrum:



Protein Group ID: 453
Protein Accession Numbers: Q9Y4Y9; B8ZZF8
Gene Names: LSM5
Peptide Sequence: AANATTNPSQLLPLELVDK
Total Number of Spectra: 8
Number of Replicates (out of 8): 6
Best Match Score: 112.3
Best Match Posterior Error Probability: 3.66E-05
Best Match Spectrum:

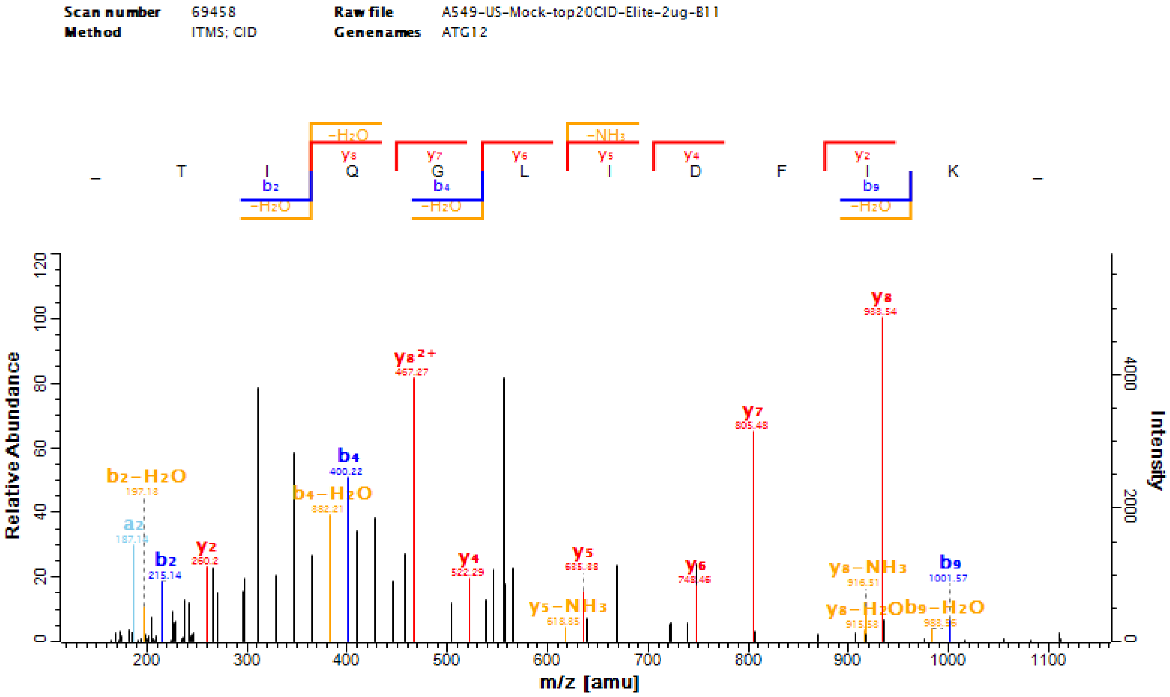


Protein Group ID: 458
Protein Accession Numbers: Q8TCC3-2; Q8TCC3; Q8TCC3-3; B8ZZV5
Gene Names: MRPL30
Peptide Sequence: VFQASPEDHEK
Total Number of Spectra: 11
Number of Replicates (out of 8): 7
Best Match Score: 116.55
Best Match Posterior Error Probability: 9.10E-05
Best Match Spectrum:



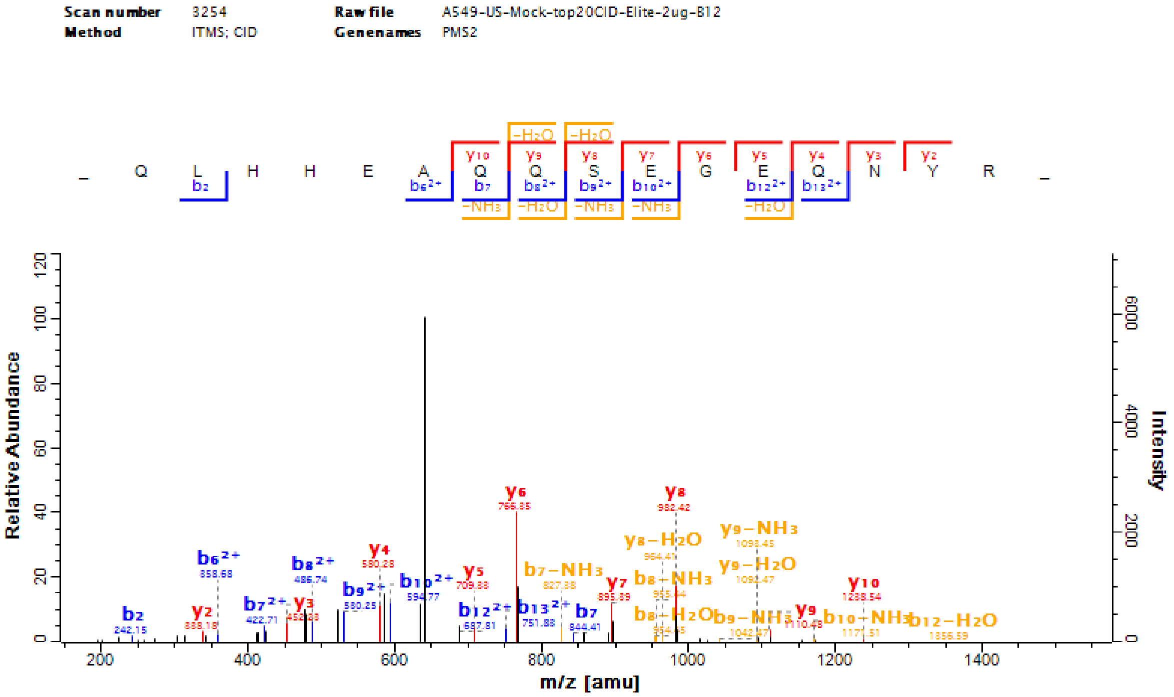
Scan number 7138
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B14
Genenames MRPL30

Protein Group ID: 465
Protein Accession Numbers: C1IDX9; O94817
Gene Names: ATG12
Peptide Sequence: TIQGLIDFIK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 115.78
Best Match Posterior Error Probability: 0.00021181
Best Match Spectrum:

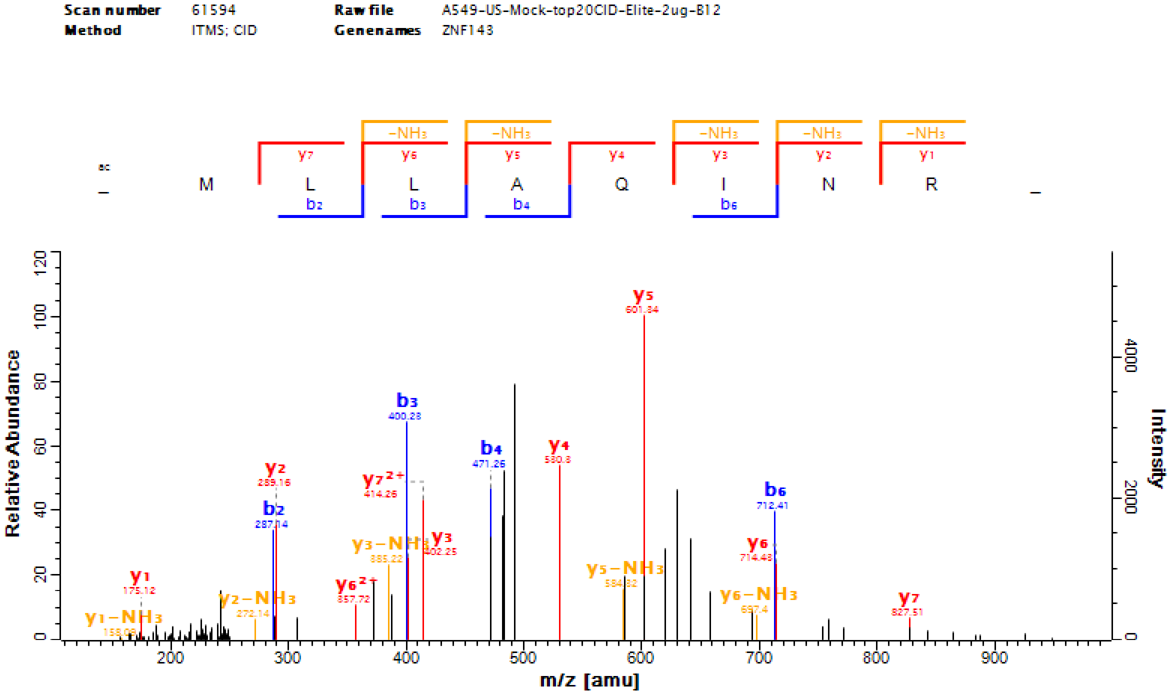


Scan number 69458
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B11
Genenames ATG12

Protein Group ID: 474
Protein Accession Numbers: P54278; I3L0B5; C9J167
Gene Names: PMS2
Peptide Sequence: QLHHEAQQSEGEQNYR
Total Number of Spectra: 8
Number of Replicates (out of 8): 6
Best Match Score: 104.55
Best Match Posterior Error Probability: 0.00013992
Best Match Spectrum:

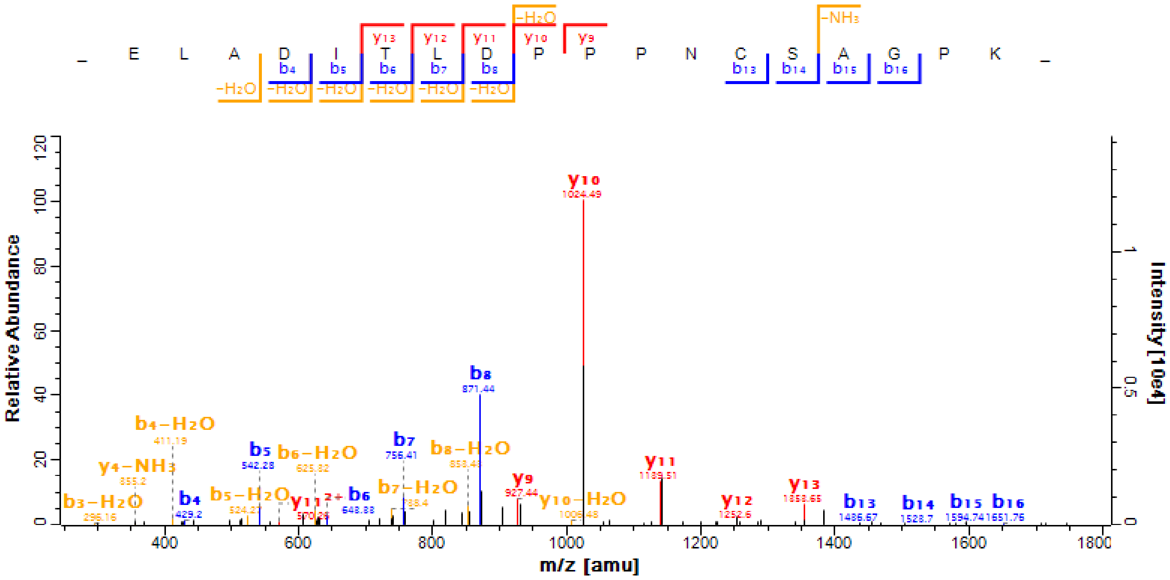


Protein Group ID: 477
Protein Accession Numbers: P52747; E7ER34; E7EN86; P52747-2; C9JTC5; E9PJF2; E9PMY8; E9PS81; E9PLN4; C9JRS3; E9PPB0; E9PLS7; C9JCG1; C9J2G7
Gene Names: ZNF143
Peptide Sequence: MLLAQINR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 145.04
Best Match Posterior Error Probability: 0.0014018
Best Match Spectrum:

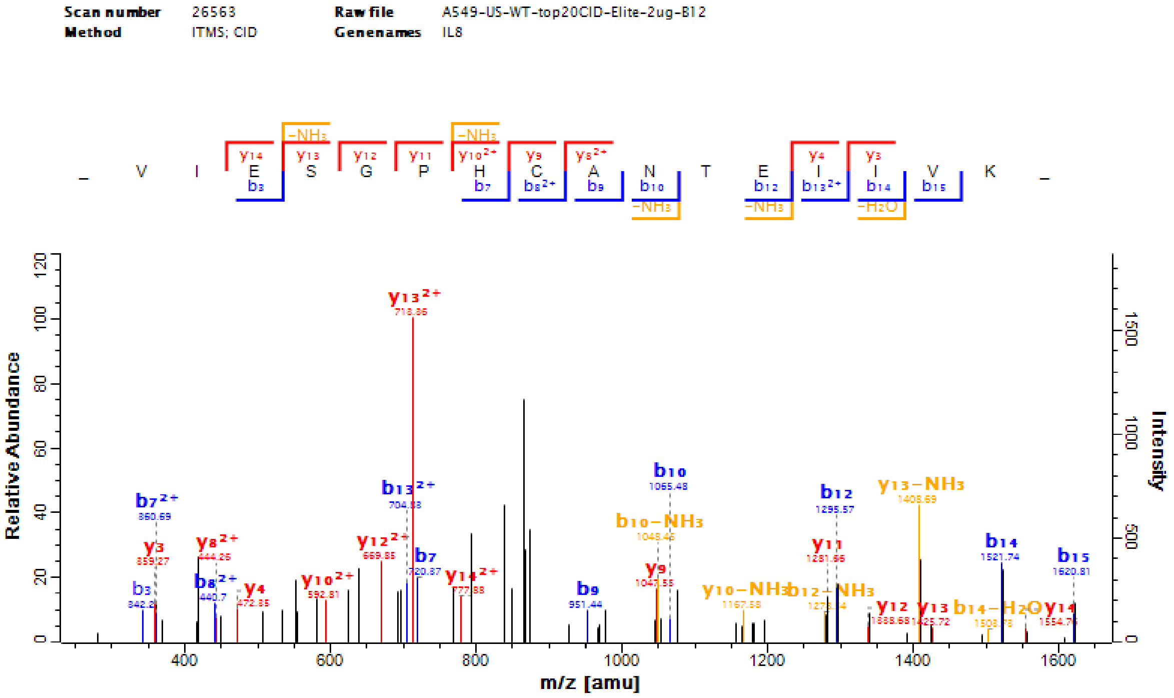


Protein Group ID: 479
Protein Accession Numbers: P51965; C9J8K2; H7C061; C9J2P0
Gene Names: UBE2E1
Peptide Sequence: ELADITLDPPPNCSAGPK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 125.52
Best Match Posterior Error Probability: 4.86E-05
Best Match Spectrum:

Scan number	43966	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	UBE2E1

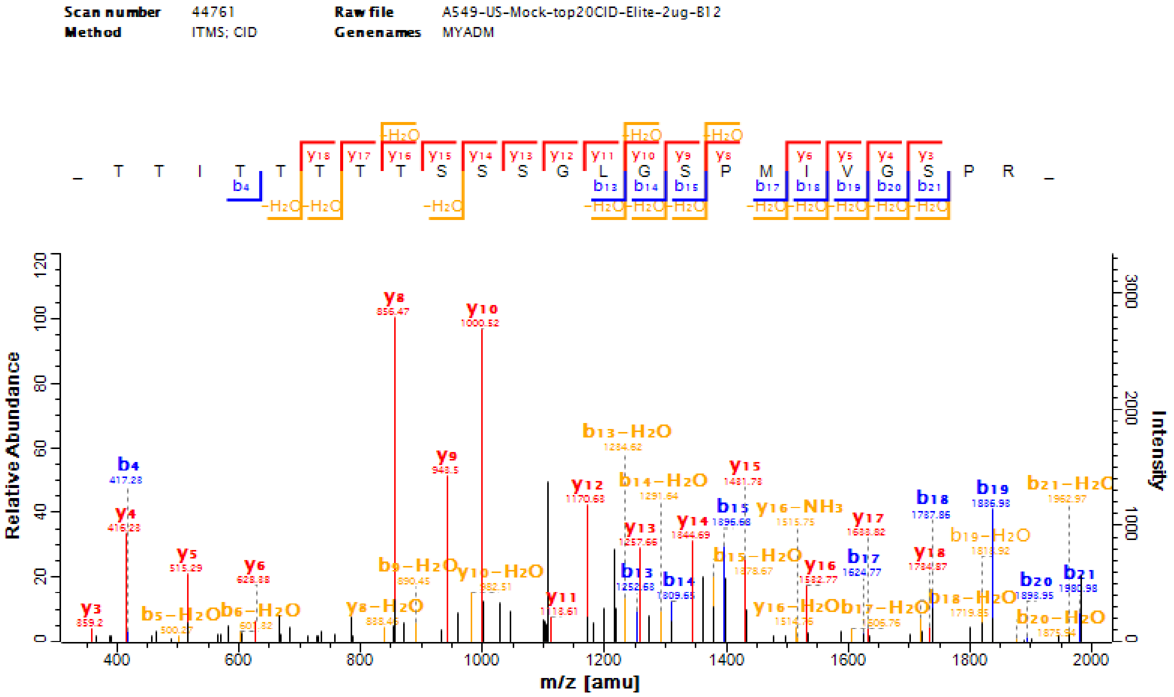


Protein Group ID: 488
Protein Accession Numbers: P10145-2; P10145; C9J4T6
Gene Names: IL8
Peptide Sequence: VIESGPHCANTEIIVK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 138.73
Best Match Posterior Error Probability: 2.89E-05
Best Match Spectrum:

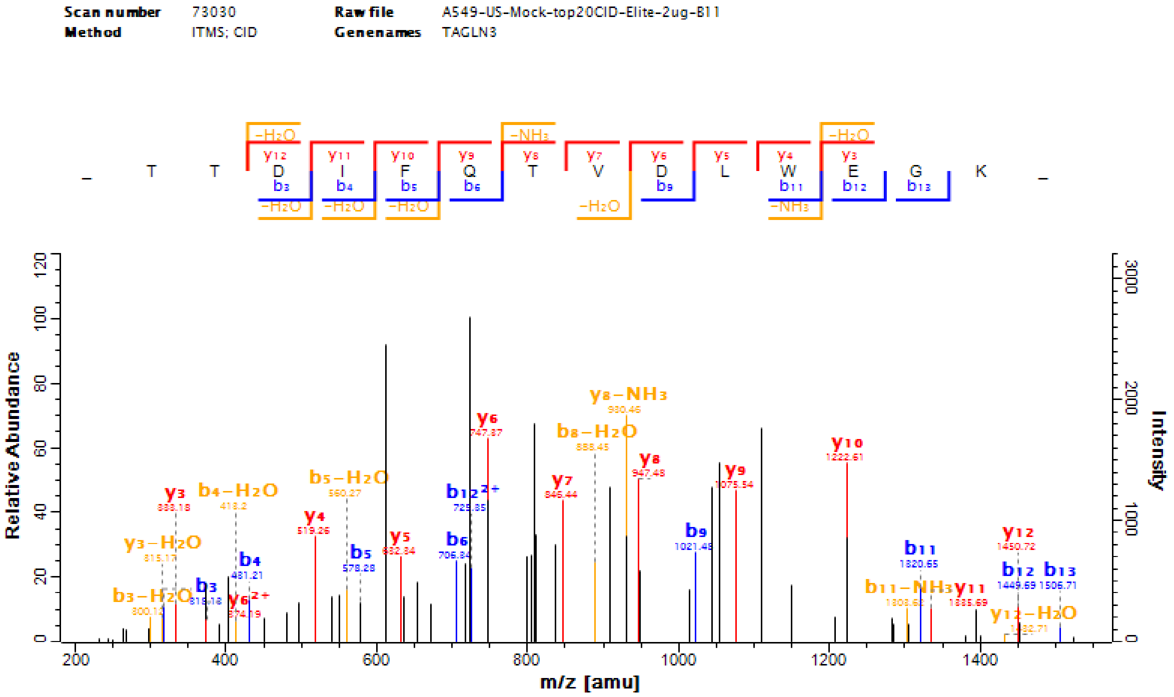


Scan number 26563
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B12
Genenames IL8

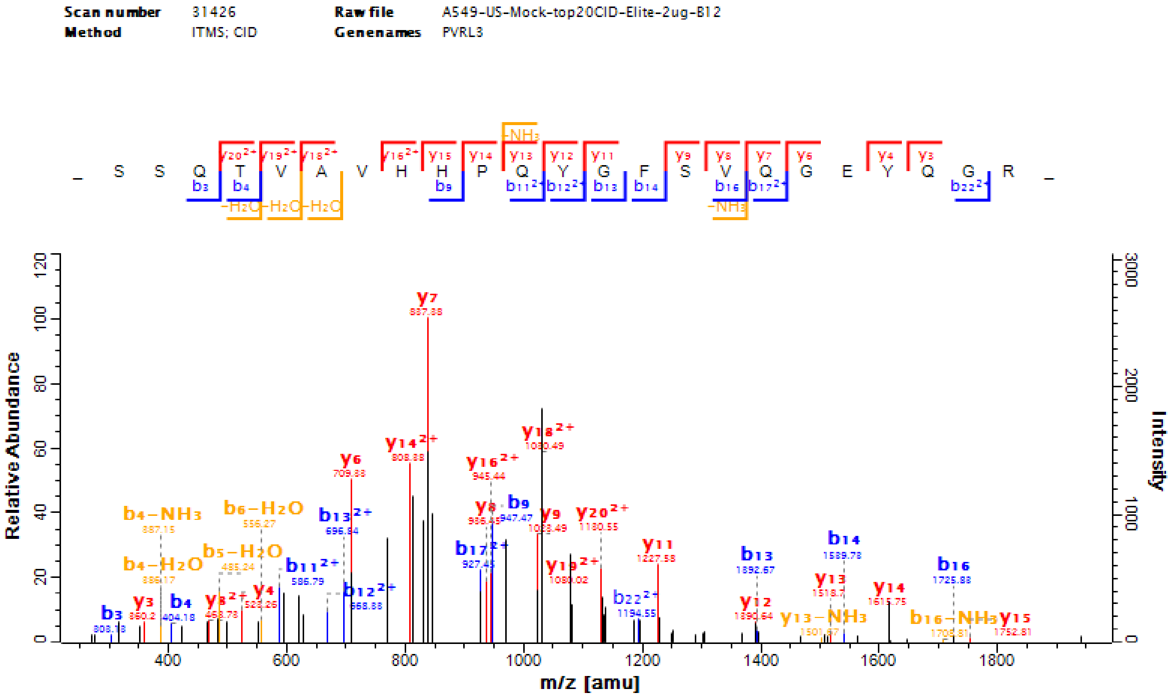
Protein Group ID: 490
Protein Accession Numbers: Q96S97; C9JC07; C9J5M0; C9JZL8; C9JJV6
Gene Names: MYADM
Peptide Sequence: TTITTTTTSSSGLGSPMIVGSPR
Total Number of Spectra: 11
Number of Replicates (out of 8): 8
Best Match Score: 179.03
Best Match Posterior Error Probability: 9.43E-26
Best Match Spectrum:



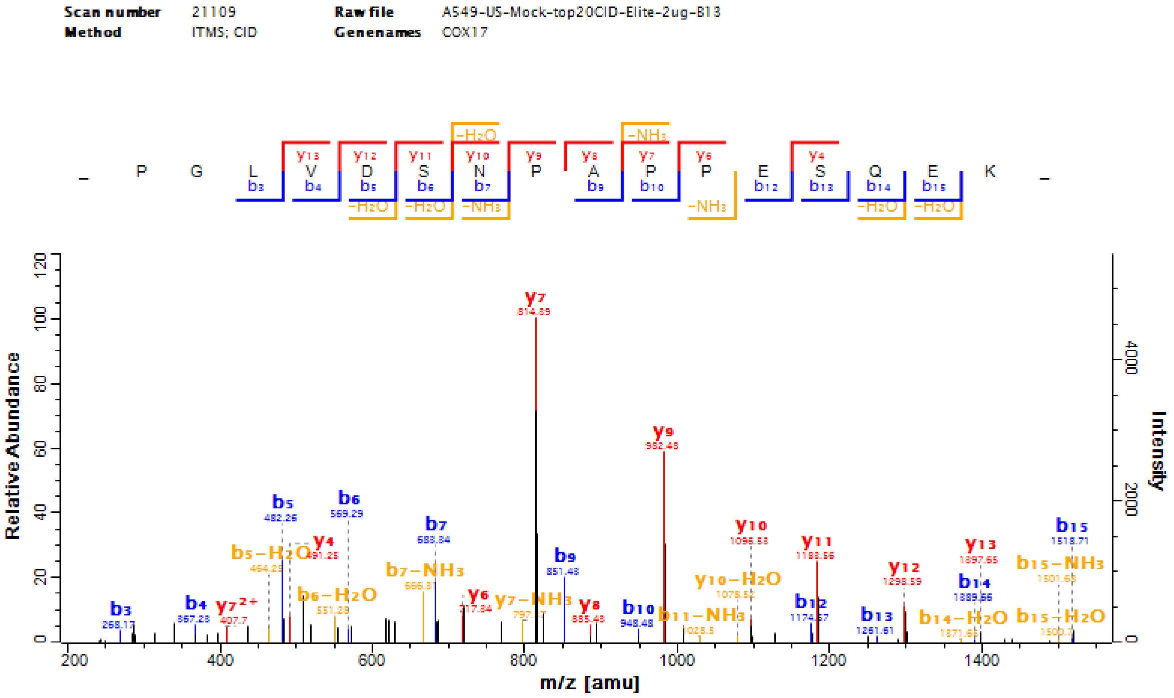
Protein Group ID: 492
Protein Accession Numbers: Q9UI15; C9J5W6; H7C5N2
Gene Names: TAGLN3
Peptide Sequence: TTDIFQTVDLWEGK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 139.66
Best Match Posterior Error Probability: 2.22E-05
Best Match Spectrum:



Protein Group ID: 496
Protein Accession Numbers: Q9NQS3; E9PFR0; Q9NQS3-2; H7C4L0; C9JMW3; C9J795
Gene Names: PVRL3
Peptide Sequence: SSQTVAVHHPQYGFSVQGEYQGR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 145.02
Best Match Posterior Error Probability: 4.40E-14
Best Match Spectrum:

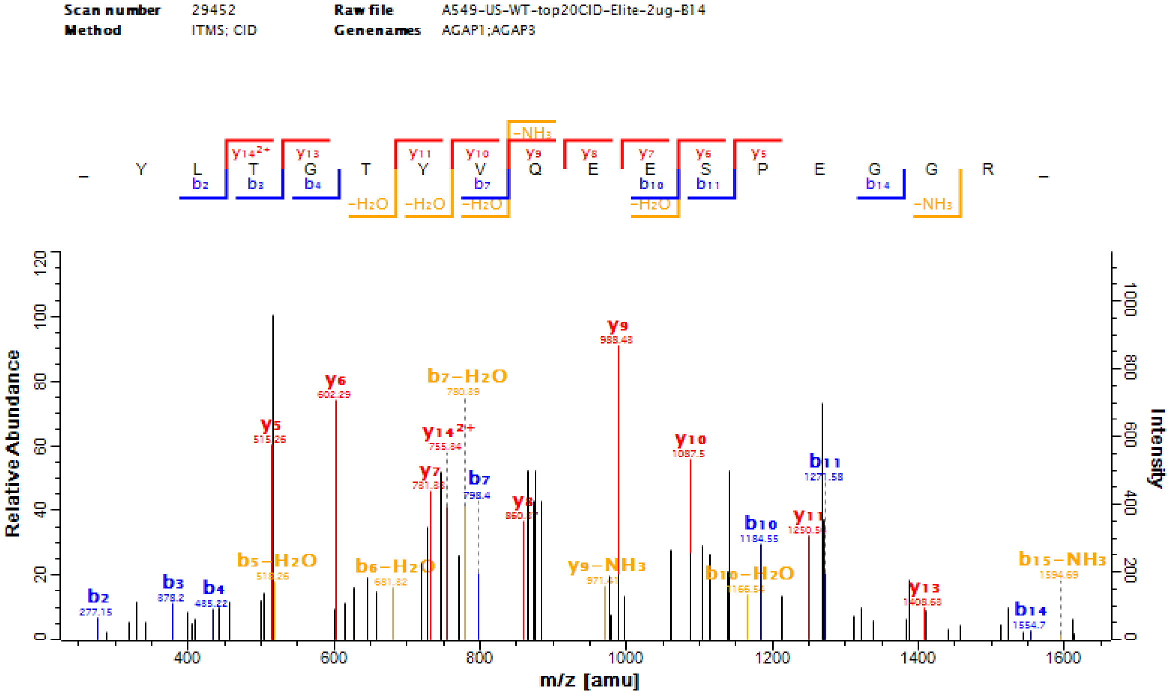


Protein Group ID: 500
Protein Accession Numbers: C9J8T6; Q14061
Gene Names: COX17
Peptide Sequence: PGLVDSNPAPPESQEK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 147.64
Best Match Posterior Error Probability: 1.71E-06
Best Match Spectrum:



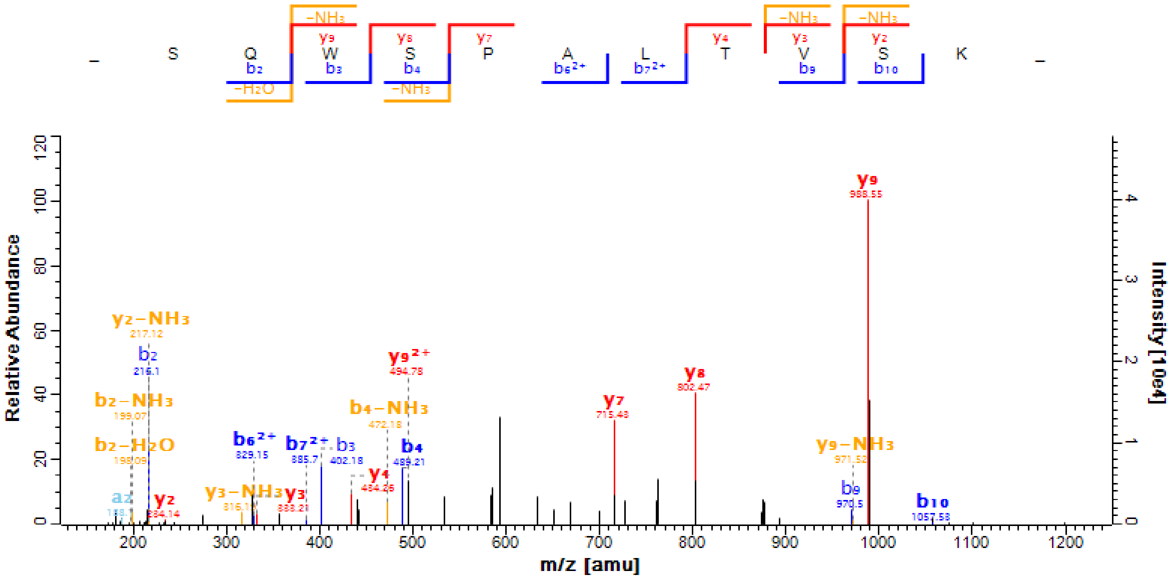
Scan number 21109 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** COX17

Protein Group ID: 502
Protein Accession Numbers: E7EUN2; Q96P47-4; Q96P47-2; Q96P47; Q9UPQ3; Q9UPQ3-2; E7ESL9; Q9UPQ3-3; E9PAL8; Q96P47-3; C9J975; H7C4F1; C9J8Z2
Gene Names: AGAP1;AGAP3
Peptide Sequence: YLTGTYVQEESPEGGR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 76.341
Best Match Posterior Error Probability: 0.0027146
Best Match Spectrum:

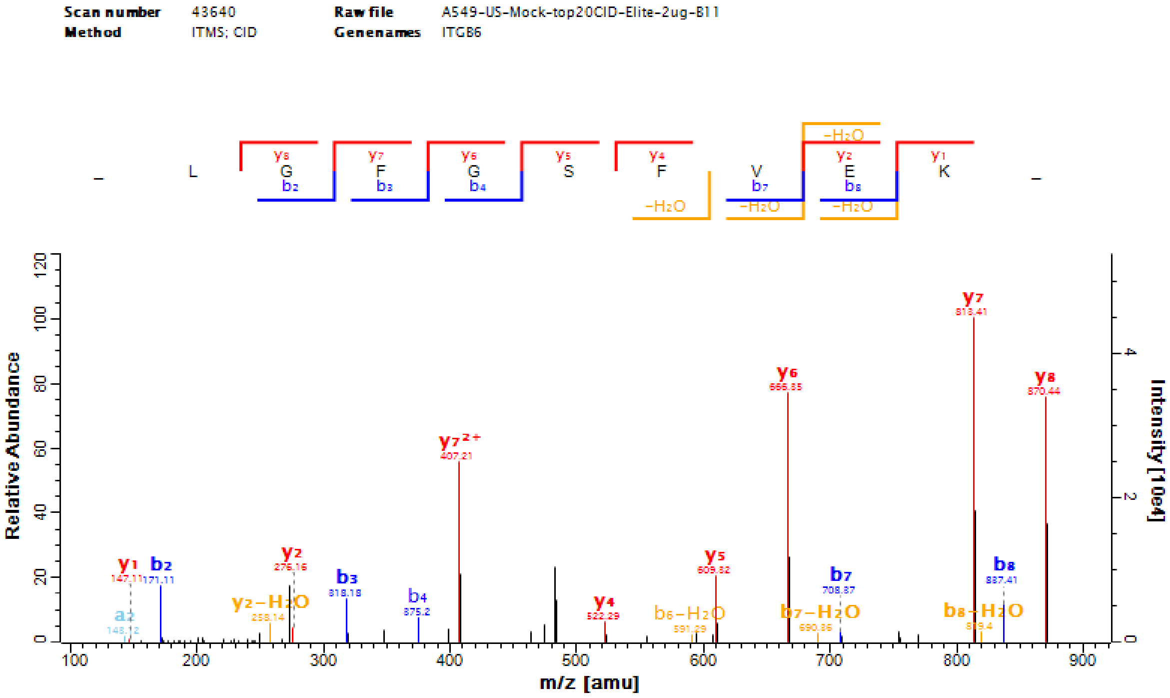


Protein Group ID: 504
Protein Accession Numbers: P51668; Q9Y2X8; C9J9H9; Q9UQL0; H0YGA2
Gene Names: UBE2D1;UBE2D4
Peptide Sequence: SQWSPALTVSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 92.247
Best Match Posterior Error Probability: 0.0012443
Best Match Spectrum:

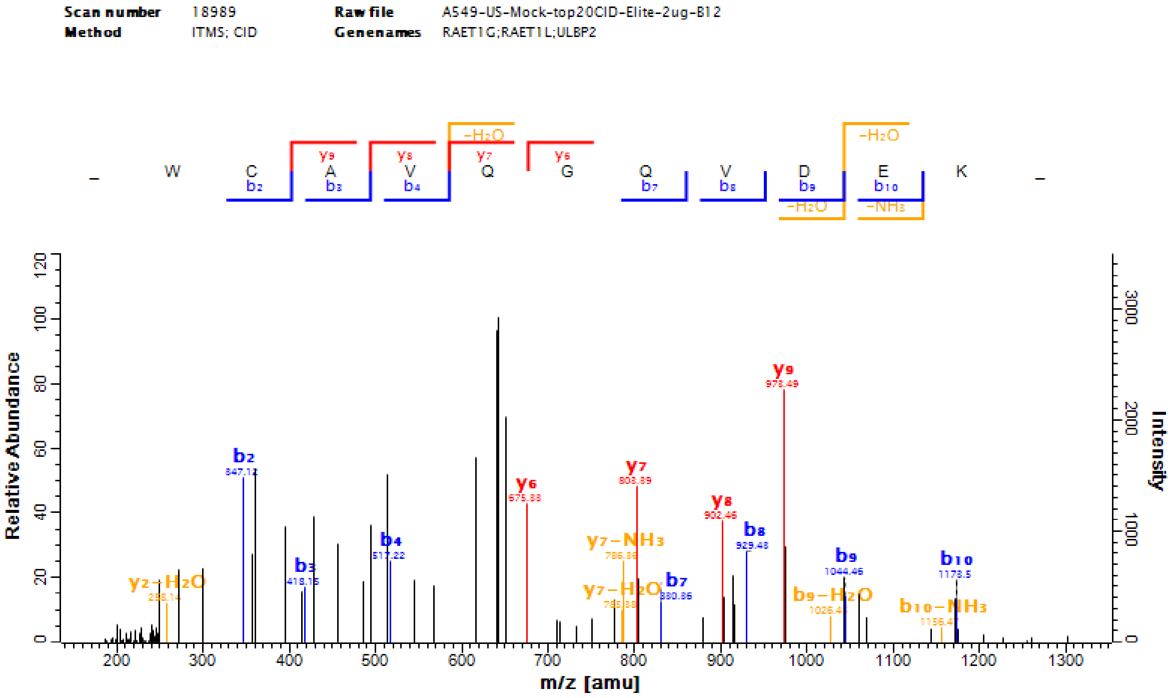
Scan number	35233	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	UBE2D1;UBE2D4



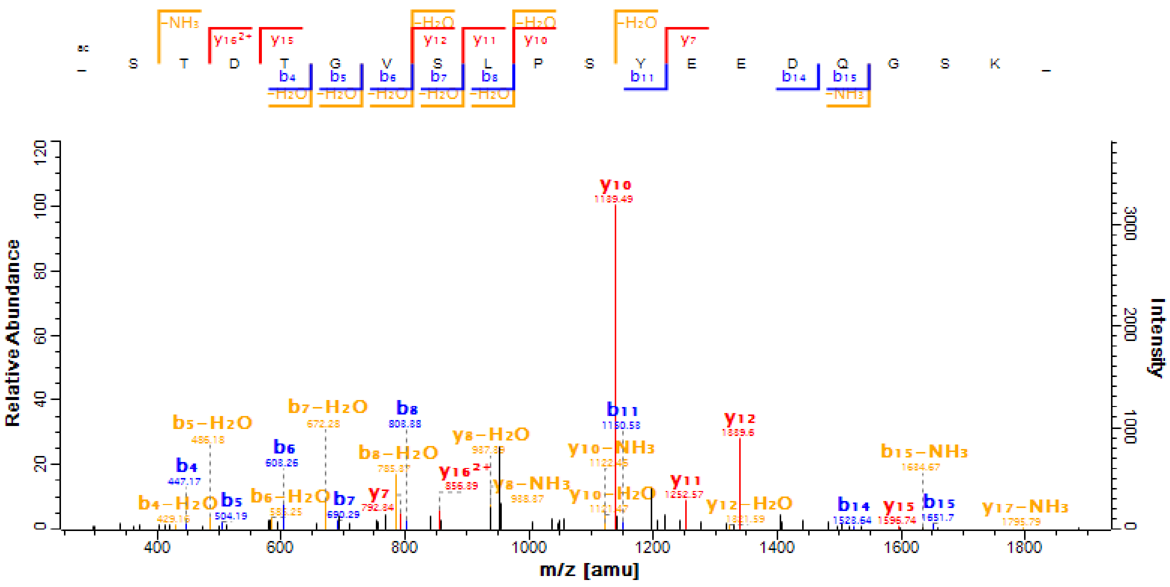
Protein Group ID: 507
Protein Accession Numbers: P18564; E9PEE8; C9JA97
Gene Names: ITGB6
Peptide Sequence: LGFGSFVEK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 132.01
Best Match Posterior Error Probability: 9.50E-05
Best Match Spectrum:



Protein Group ID: 511
Protein Accession Numbers: Q6H3X3; Q5VY80; Q9BZM5; C9JAK3; Q6H3X3-2
Gene Names: RAET1G;RAET1L;ULBP2
Peptide Sequence: WCAVQGQVDEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 79.659
Best Match Posterior Error Probability: 0.0040191
Best Match Spectrum:

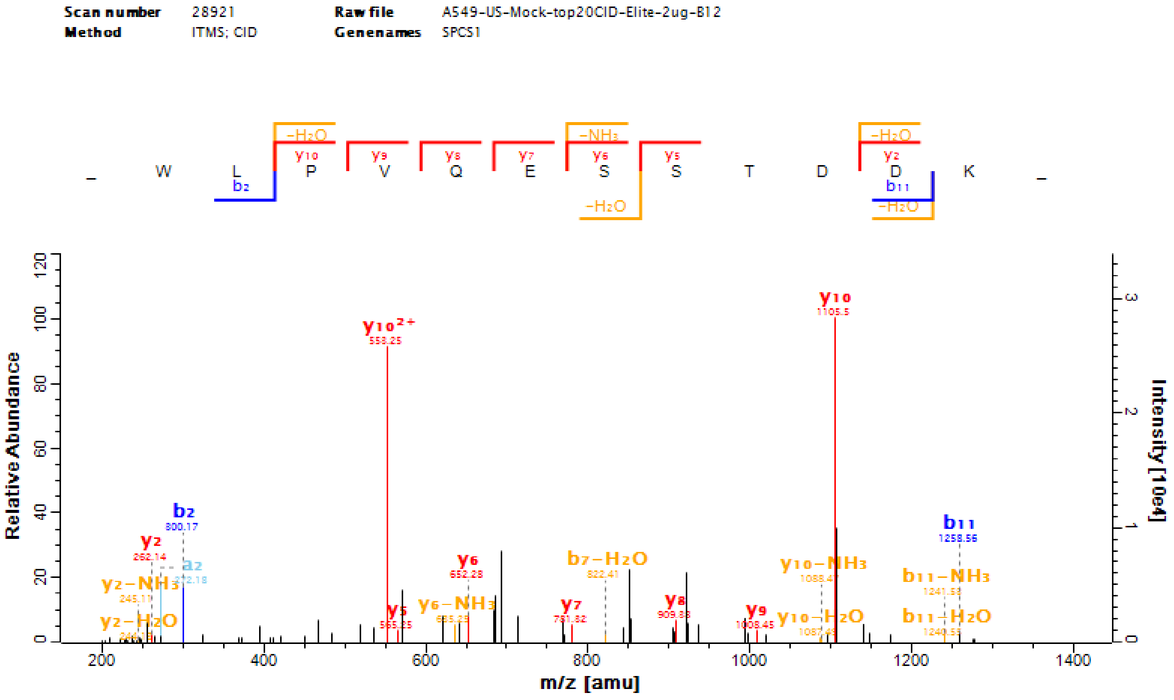


Protein Group ID: 512
Protein Accession Numbers: C9JNU6; Q9Y241; C9JAW5
Gene Names: HIGD1A
Peptide Sequence: STDTGVSLPSYEEDQGSK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 123.42
Best Match Posterior Error Probability: 7.49E-05
Best Match Spectrum:



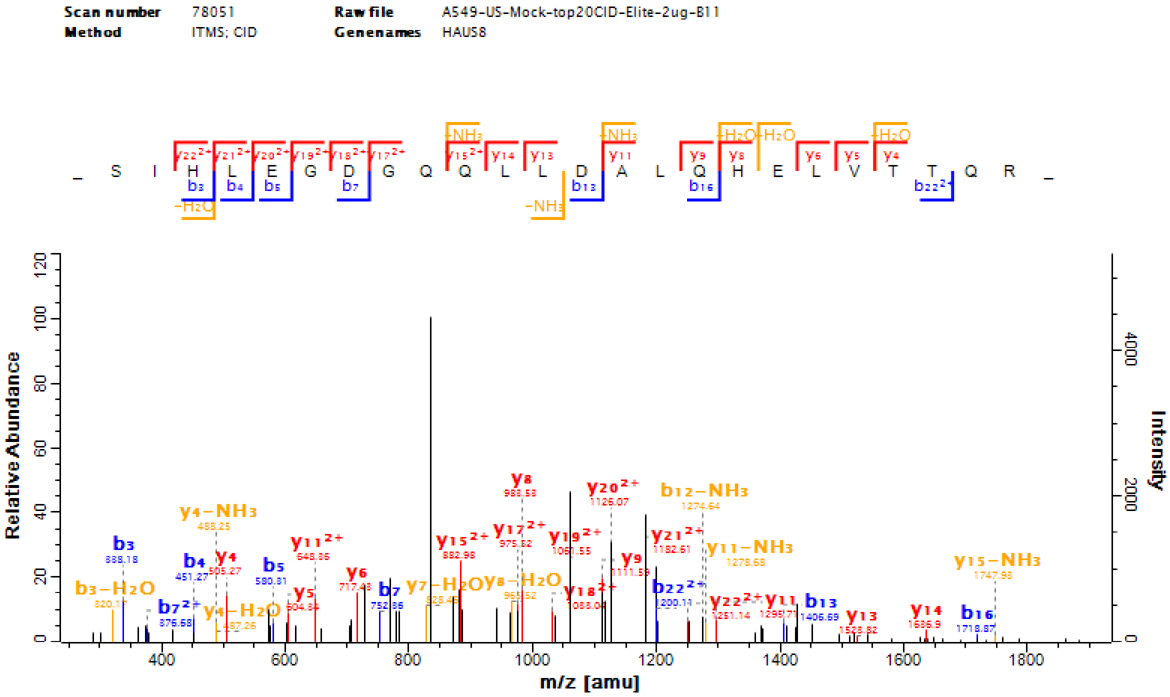
Scan number 39668 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** HIGD1A

Protein Group ID: 516
Protein Accession Numbers: Q9Y6A9; C9JBL1
Gene Names: SPCS1
Peptide Sequence: WLPVQESSTDDK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 78.903
Best Match Posterior Error Probability: 0.0036177
Best Match Spectrum:

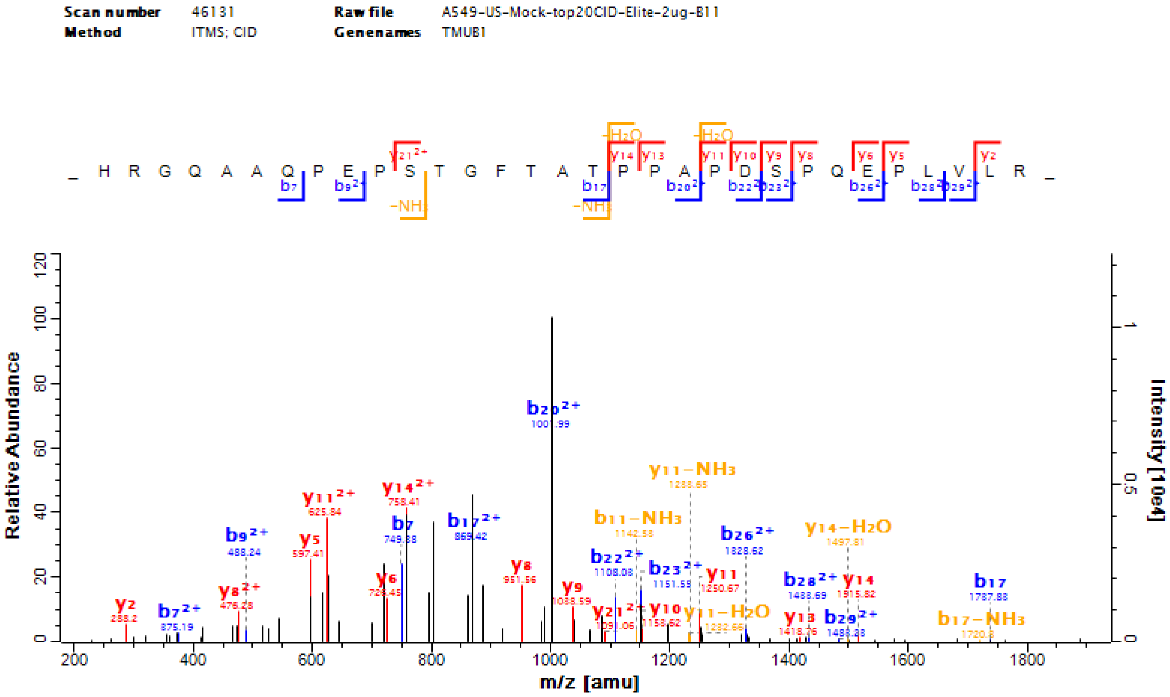


Scan number 28921 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** SPCS1

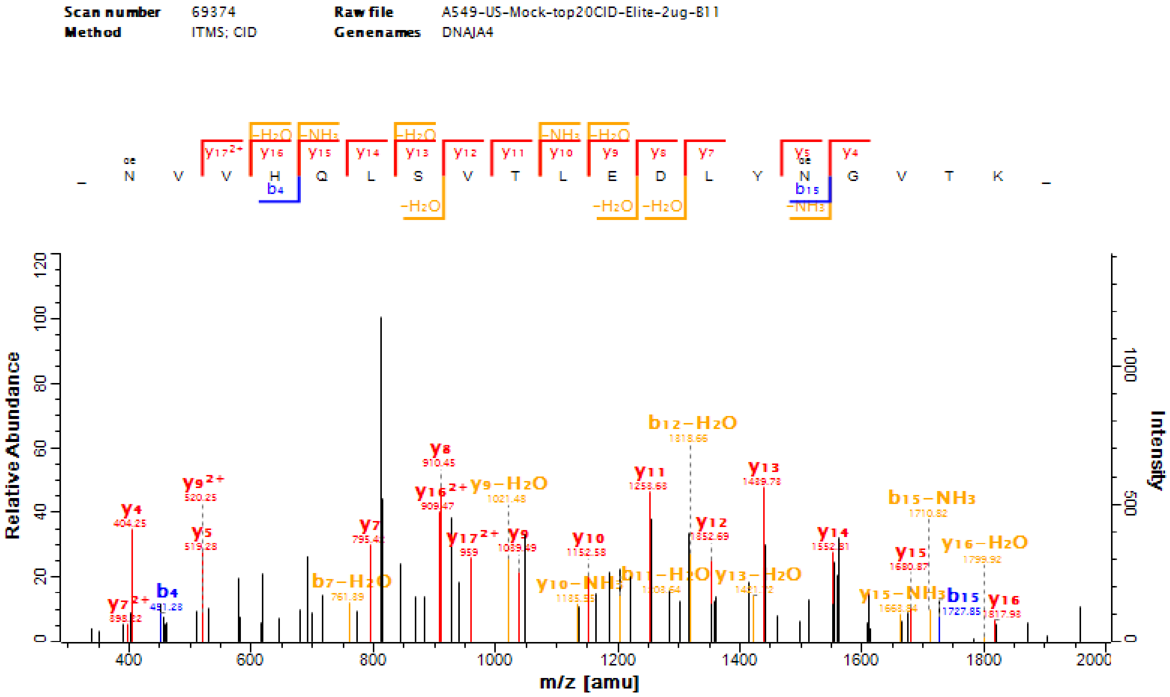
Protein Group ID: 518
Protein Accession Numbers: Q9BT25; C9JBZ4; Q9BT25-2
Gene Names: HAUS8
Peptide Sequence: SIHLEGDGQQLLDALQHELVTTQR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 131.09
Best Match Posterior Error Probability: 1.72E-12
Best Match Spectrum:



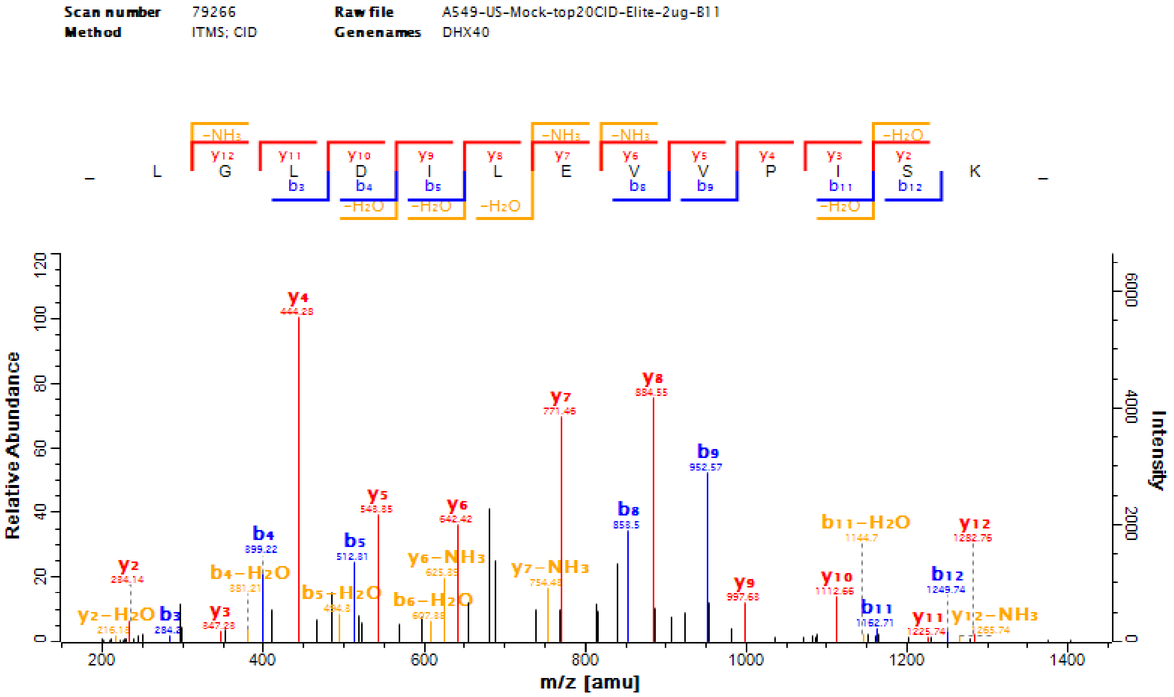
Protein Group ID: 521
Protein Accession Numbers: Q9BVT8; C9JCW7; C9JE12
Gene Names: TMUB1
Peptide Sequence: HRGQAAQPEPSTGFTATPPAPDSPQEPLVLR
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 94.72
Best Match Posterior Error Probability: 3.32E-07
Best Match Spectrum:



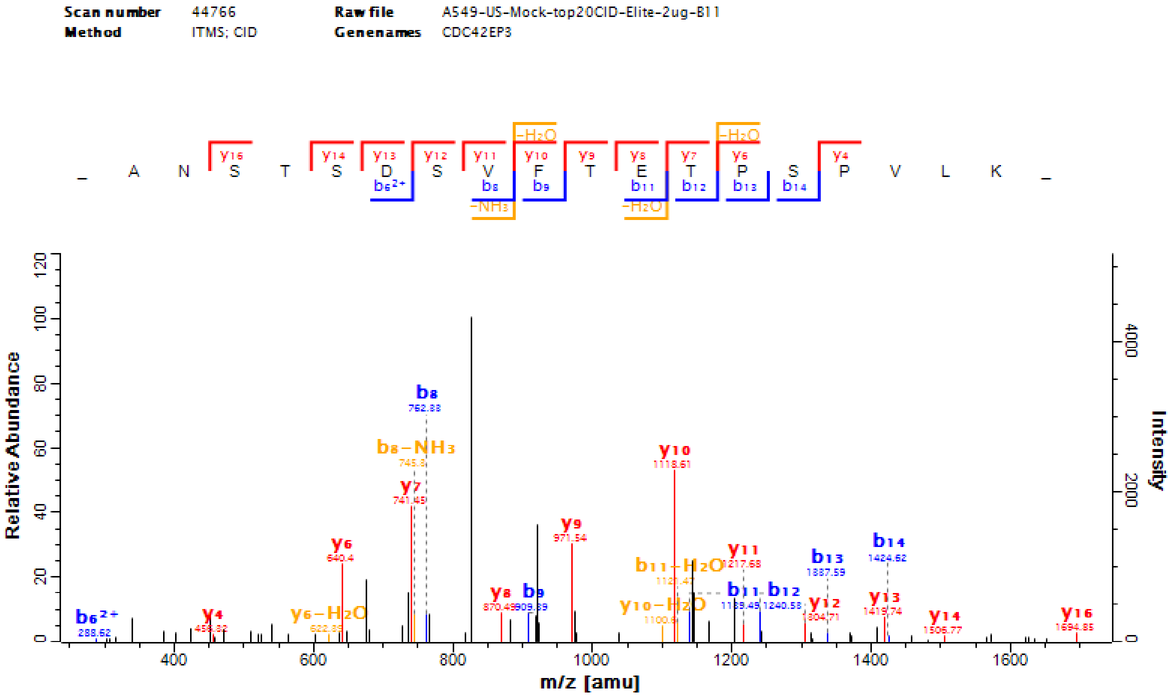
Protein Group ID: 522
Protein Accession Numbers: Q8WW22-2; Q8WW22; E9PDM9; F5H170; C9JDE6
Gene Names: DNAJA4
Peptide Sequence: NVVHQLSVTLEDLYNGVTK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 103.88
Best Match Posterior Error Probability: 0.00058402
Best Match Spectrum:



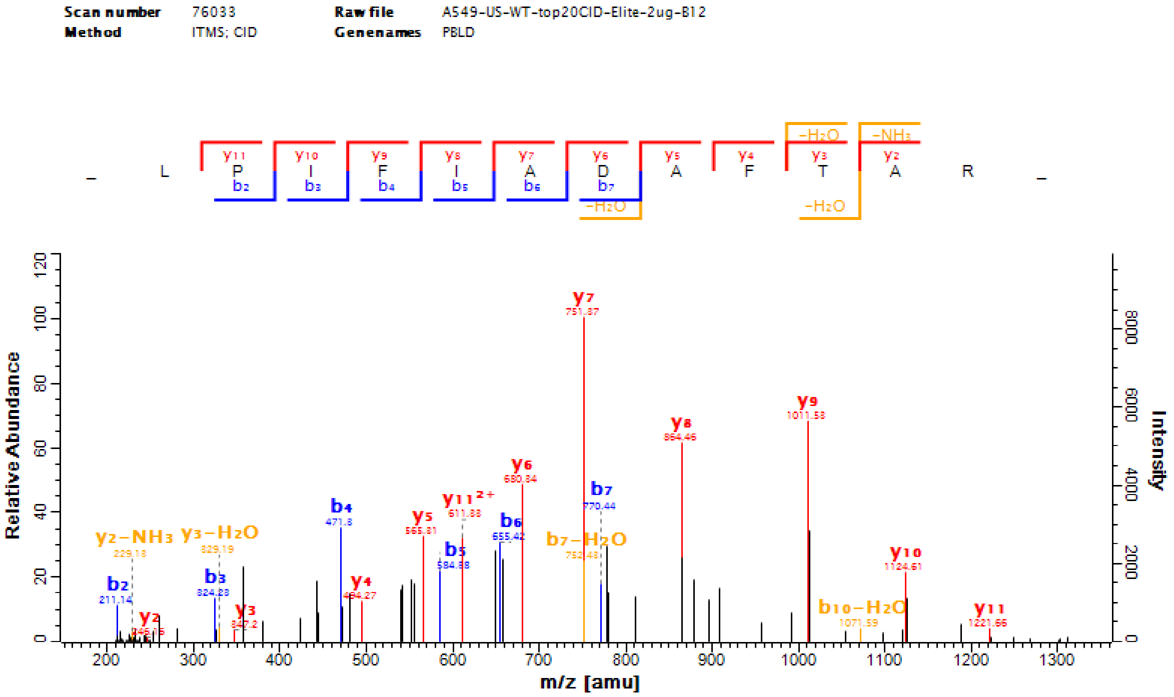
Protein Group ID: 528
Protein Accession Numbers: Q8IX18; Q8IX18-2; C9JEW8; Q8IX18-3; C9JR60; F5H625
Gene Names: DHX40
Peptide Sequence: LGLDILEVVPISK
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 161.21
Best Match Posterior Error Probability: 2.12E-09
Best Match Spectrum:



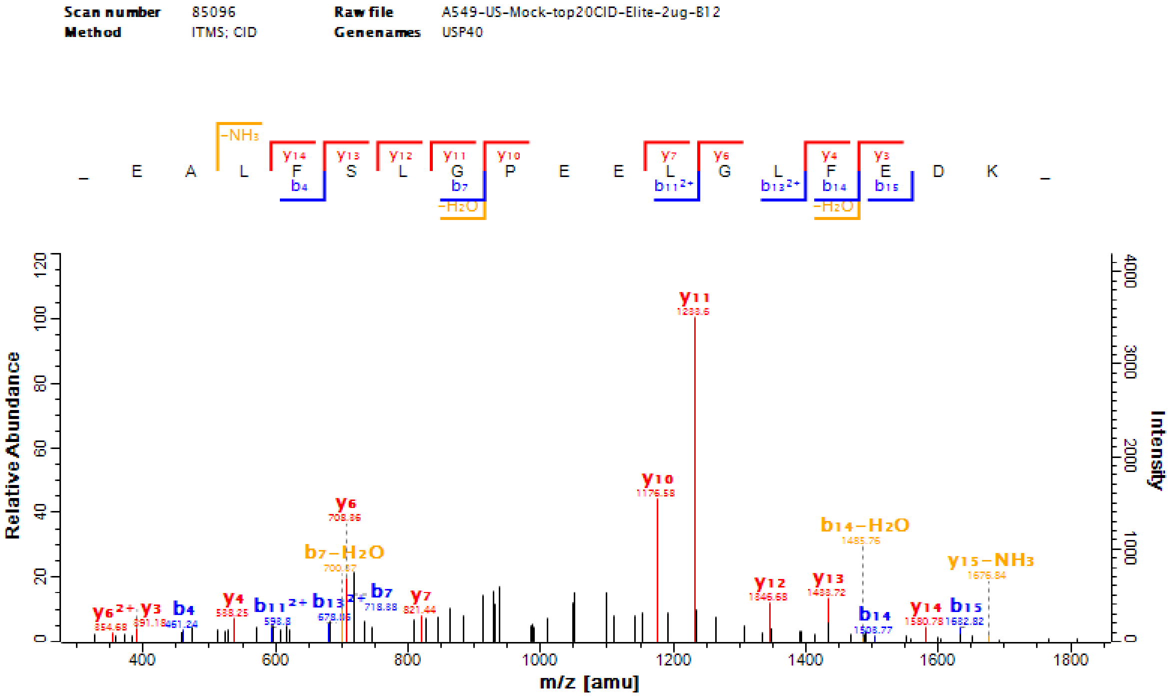
Protein Group ID: 529
Protein Accession Numbers: Q9UKI2; C9JEZ4
Gene Names: CDC42EP3
Peptide Sequence: ANSTSDSVFTETPSPVLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 77.969
Best Match Posterior Error Probability: 0.0014644
Best Match Spectrum:



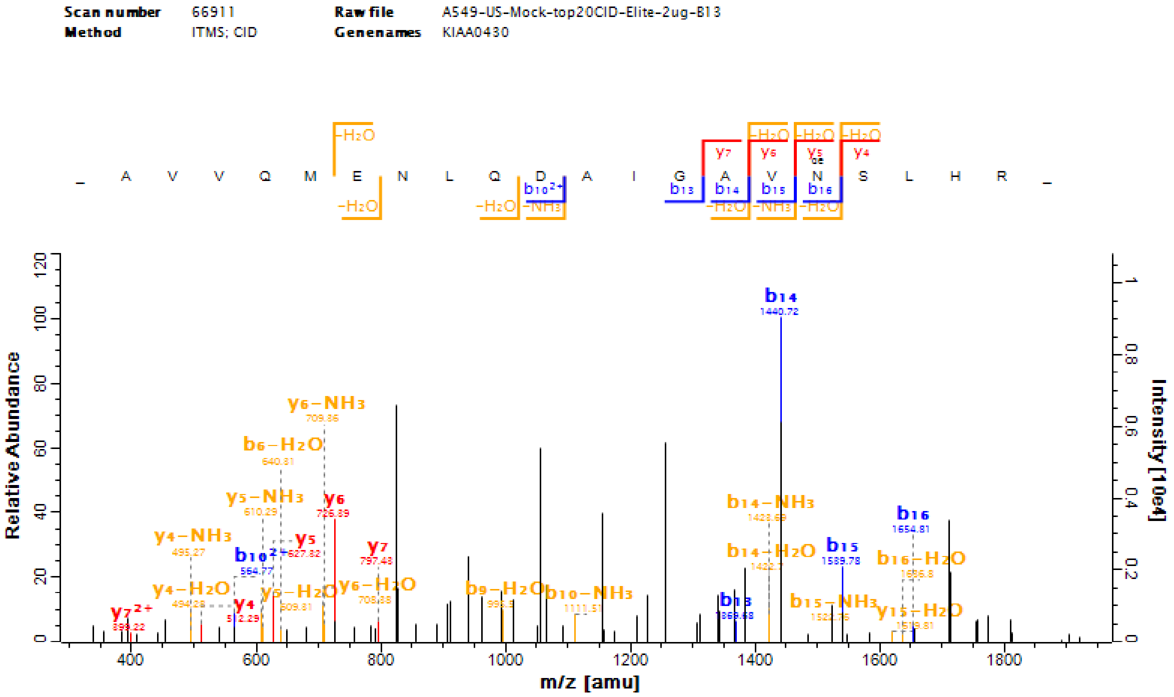
Protein Group ID: 536
Protein Accession Numbers: P30039; C9JIM0; F8W7D0
Gene Names: PBLD
Peptide Sequence: LPIFIADAFTAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 111.94
Best Match Posterior Error Probability: 0.0011698
Best Match Spectrum:



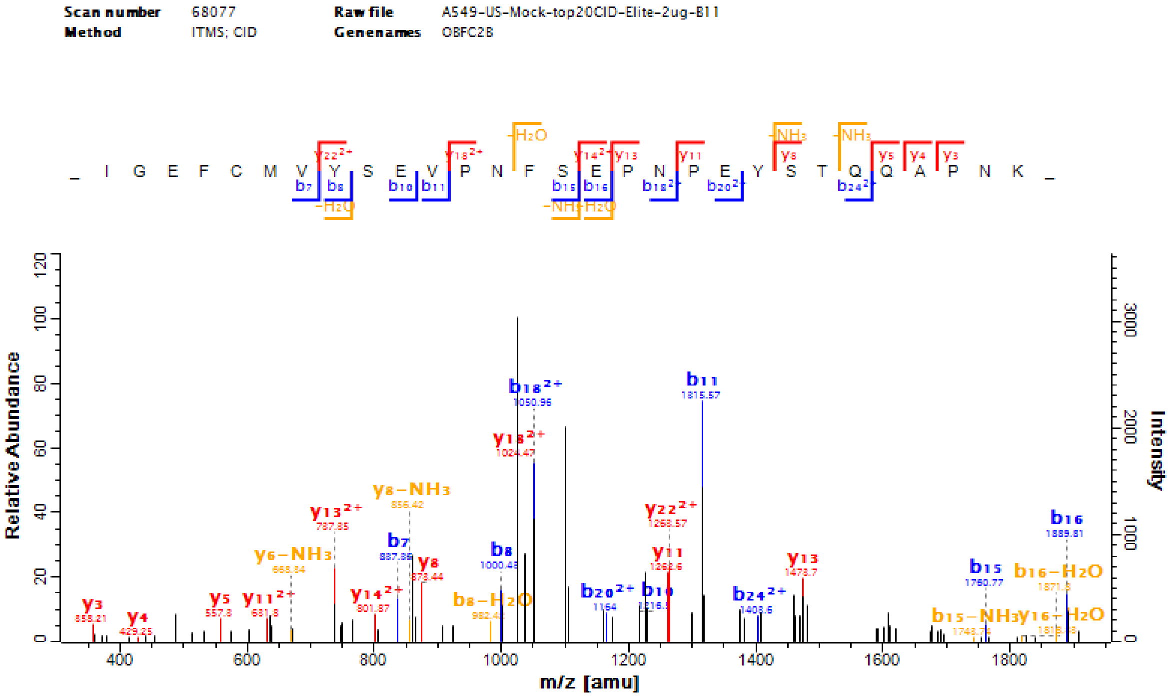
Protein Group ID: 540
Protein Accession Numbers: Q9NVE5-3; Q9NVE5; C9JK14
Gene Names: USP40
Peptide Sequence: EALFSLGPEELGLFEDK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 74.12
Best Match Posterior Error Probability: 0.0028163
Best Match Spectrum:



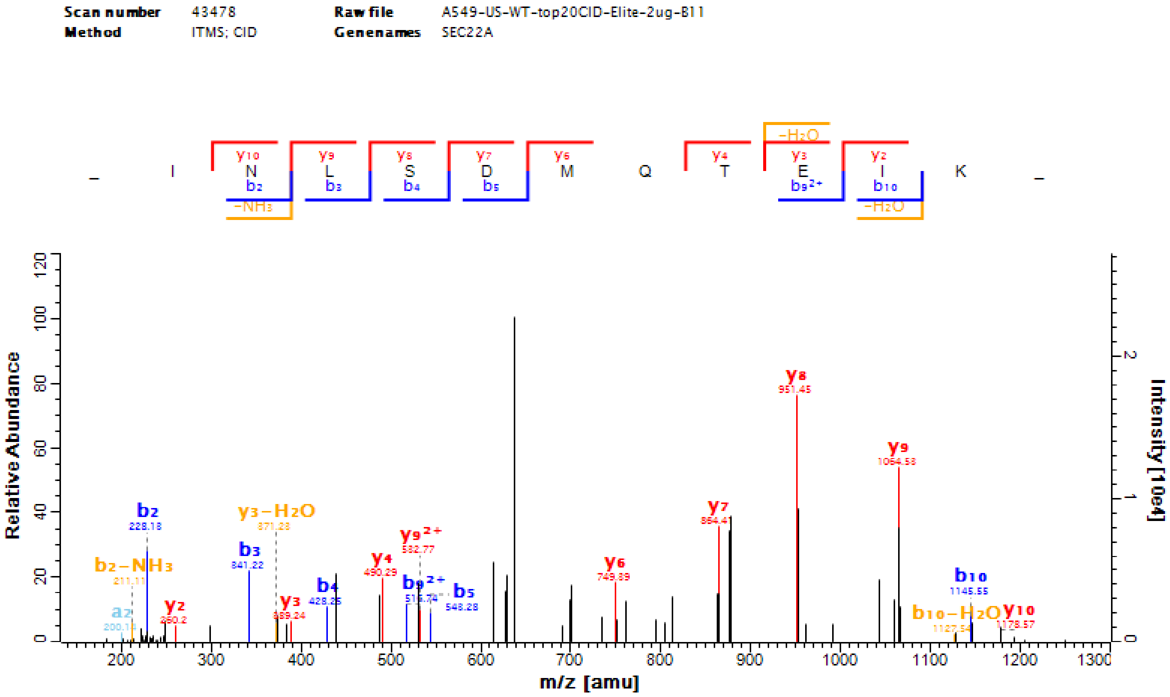
Protein Group ID: 541
Protein Accession Numbers: Q9Y4F3; Q9Y4F3-5; Q9Y4F3-4; Q9Y4F3-3; G8JLP4; C9JKX0; F8VVB8
Gene Names: KIAA0430
Peptide Sequence: AVVQMENLQDAIGAVNSLHR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 72.207
Best Match Posterior Error Probability: 0.0073584
Best Match Spectrum:



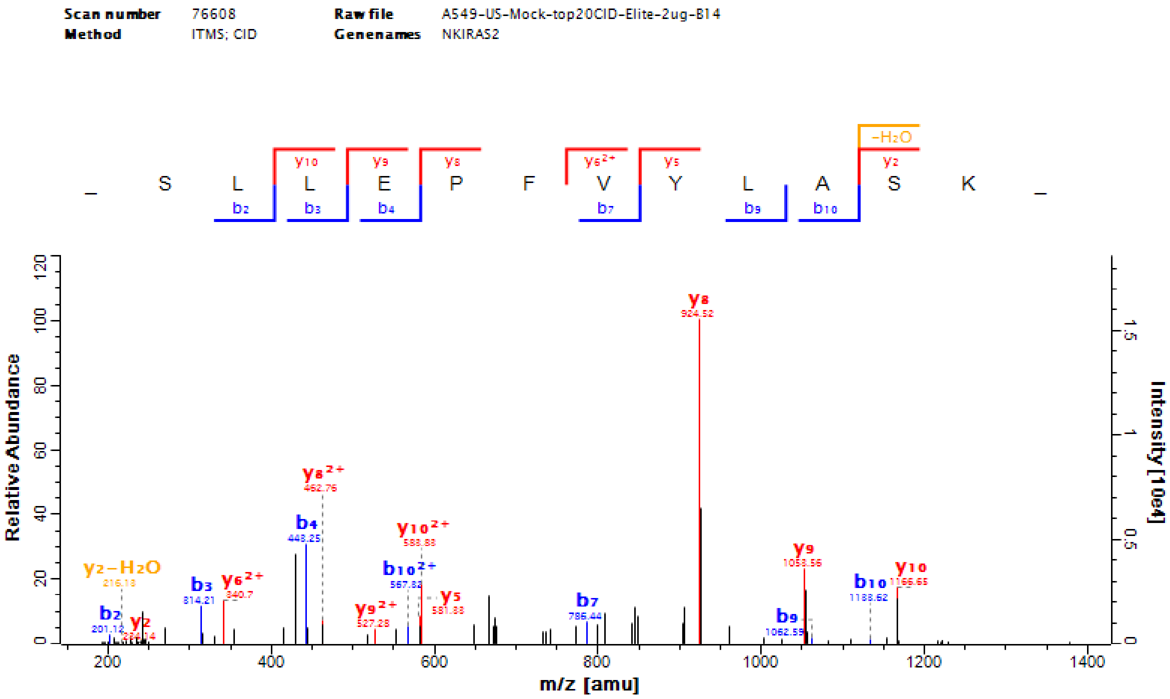
Protein Group ID: 545
Protein Accession Numbers: Q9BQ15; C9JMP5; C9JT95
Gene Names: OBFC2B
Peptide Sequence: IGEFCMVYSEVPNFSEPNPEYSTQQAPNK
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 72.302
Best Match Posterior Error Probability: 3.40E-05
Best Match Spectrum:



Protein Group ID: 549
Protein Accession Numbers: Q96IW7; C9JNZ0; C9JRY4
Gene Names: SEC22A
Peptide Sequence: INLSDMQTEIK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 100.04
Best Match Posterior Error Probability: 0.00051486
Best Match Spectrum:

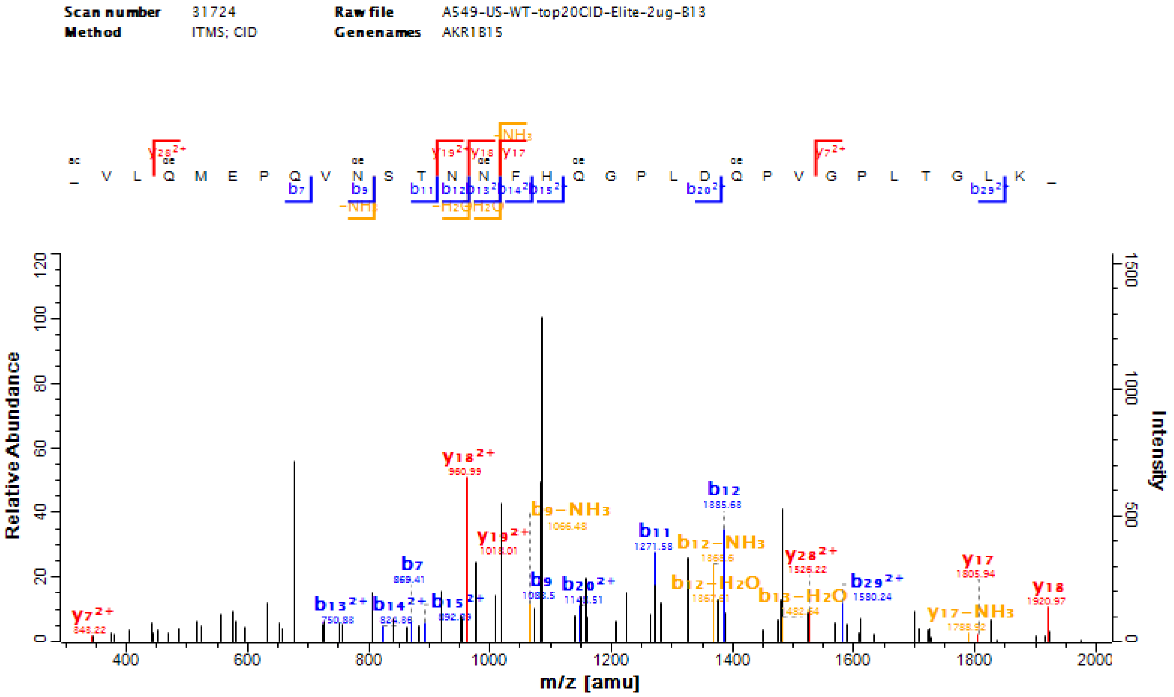


Protein Group ID: 551
Protein Accession Numbers: H7BXP1; Q9NYR9; C9JPP2; Q9NYR9-2; K7ERG2; Q9NYR9-3
Gene Names: NKIRAS2
Peptide Sequence: SLLEPFVYLASK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 87.001
Best Match Posterior Error Probability: 0.0017681
Best Match Spectrum:

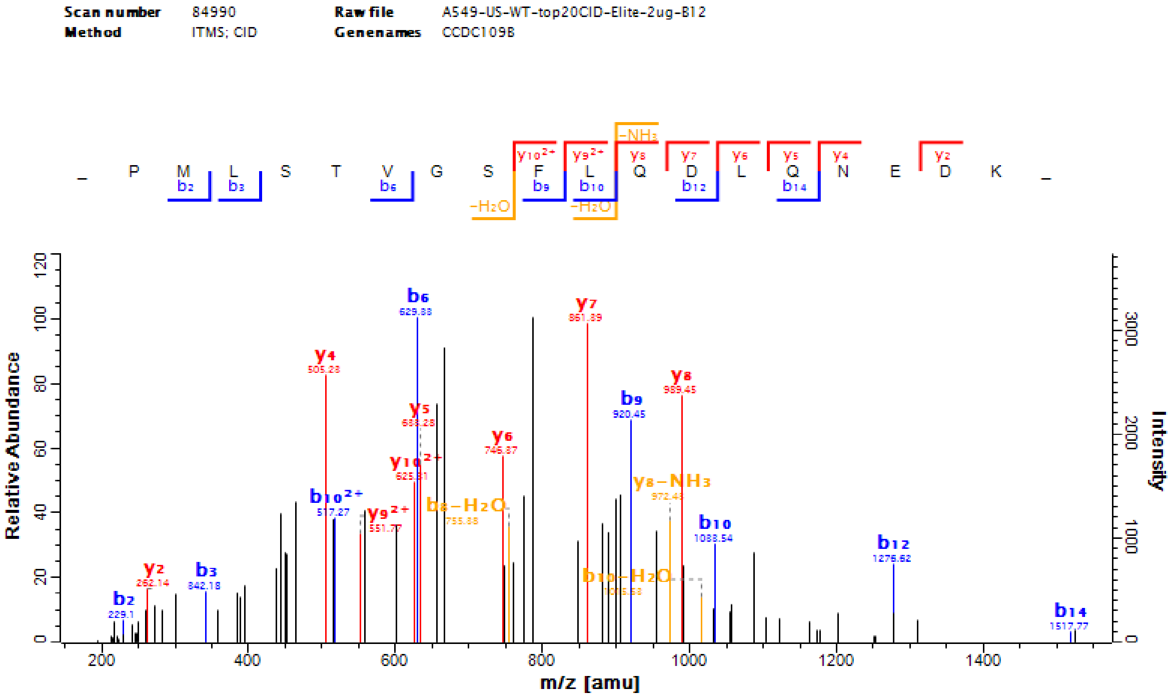


Scan number 76608 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** NKIRAS2

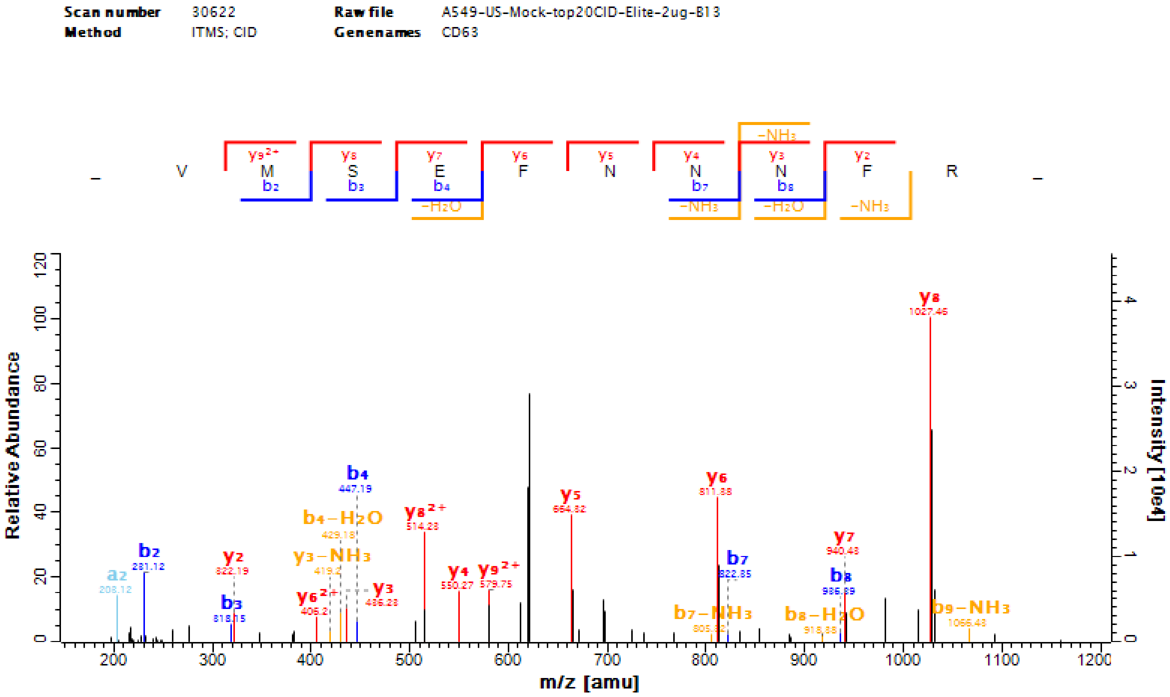
Protein Group ID: 559
Protein Accession Numbers: C9JRZ8
Gene Names: AKR1B15
Peptide Sequence: VLQMEPQVNSTNNFHQGPLDQPVGPLTGLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 55.526
Best Match Posterior Error Probability: 0.010706
Best Match Spectrum:



Protein Group ID: 560
Protein Accession Numbers: Q9NWR8; C9JTJ6
Gene Names: CCDC109B
Peptide Sequence: PMLSTVGSFLQDLQNEDK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 74.428
Best Match Posterior Error Probability: 0.0021238
Best Match Spectrum:



Protein Group ID: 562
Protein Accession Numbers: P08962; C9JV86; F8VWK8; F8W022; P08962-2; F8VZE2; F8VV56; F8VNT9
Gene Names: CD63
Peptide Sequence: VMSEFNNNFR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 135.43
Best Match Posterior Error Probability: 8.38E-06
Best Match Spectrum:



Scan number 30622 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** CD63

Protein Group ID: 563

Protein Accession Numbers: Q9BQE9; C9JWD3; Q9BQE9-2

Gene Names: BCL7B

Peptide Sequence: RFCVDQPTVPQTASES

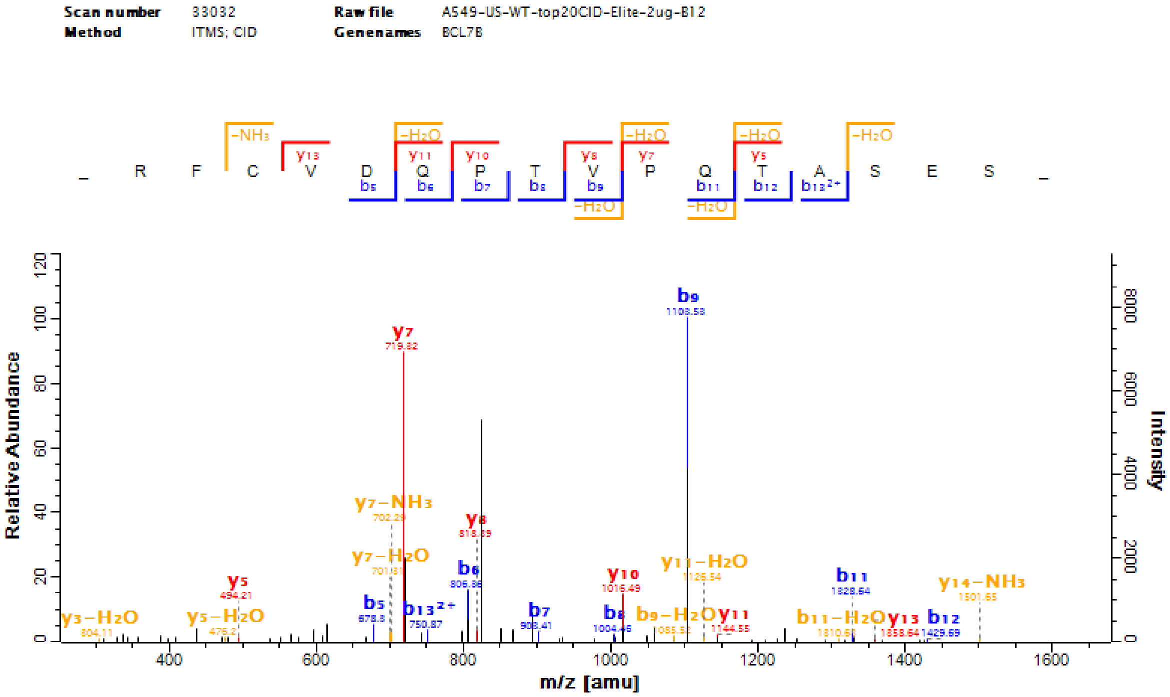
Total Number of Spectra: 1

Number of Replicates (out of 8): 1

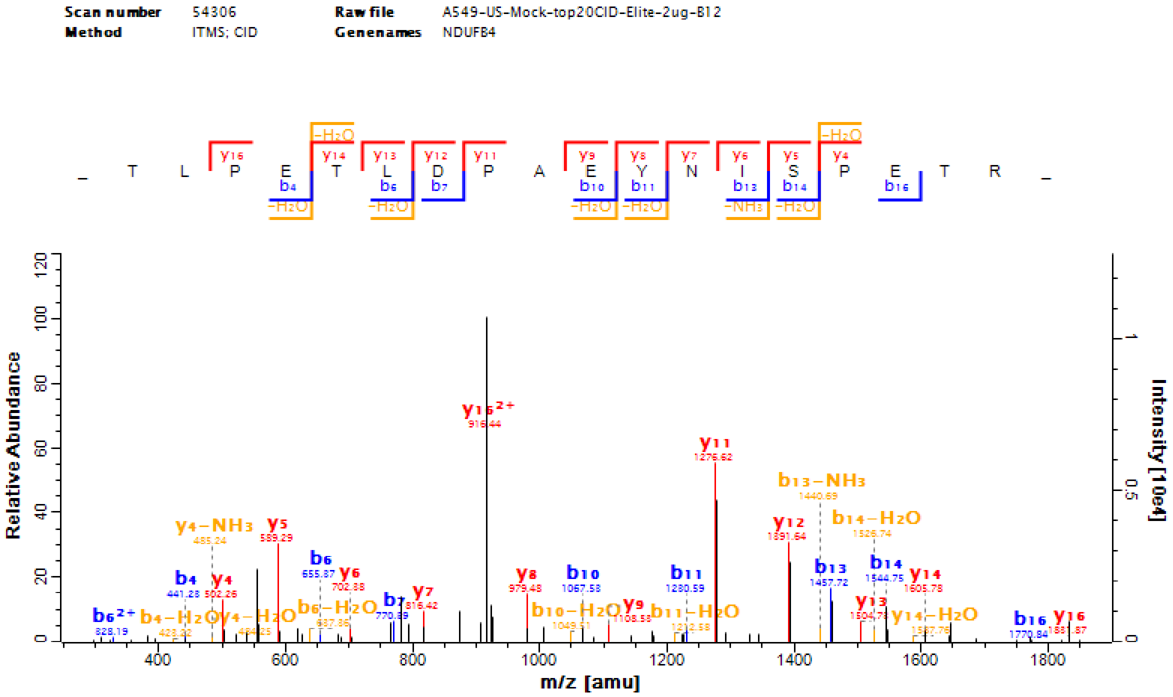
Best Match Score: 85.988

Best Match Posterior Error Probability: 0.0021846

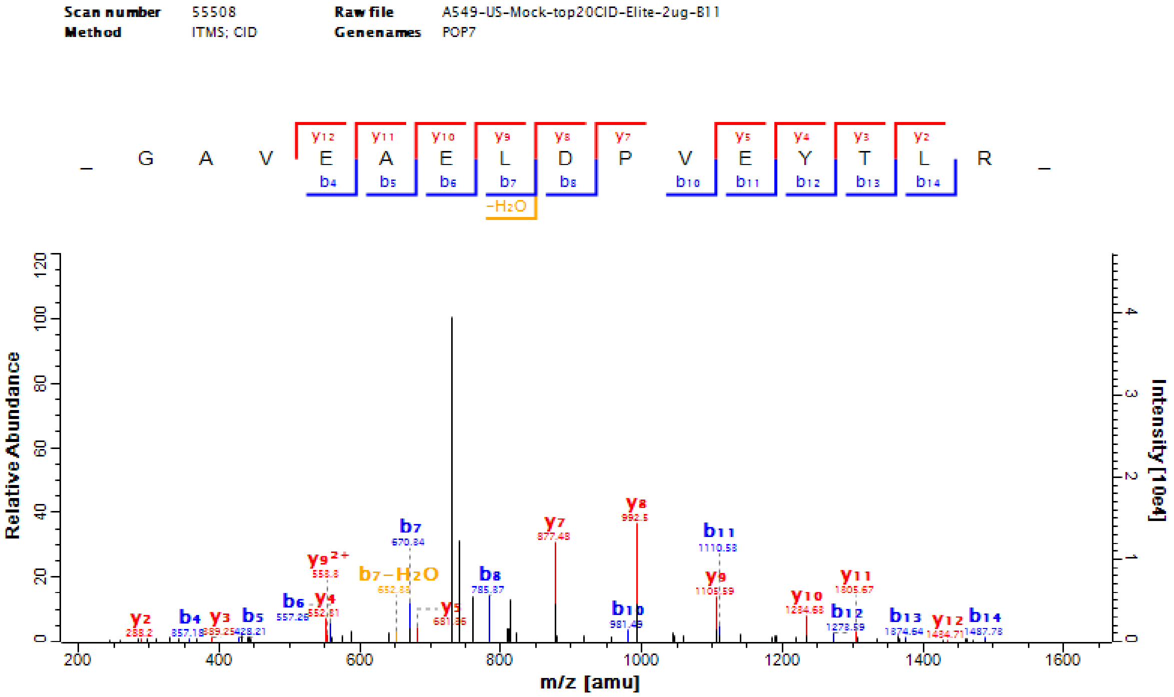
Best Match Spectrum:



Protein Group ID: 568
Protein Accession Numbers: O95168; O95168-2; C9JXQ9; F2Z3P9
Gene Names: NDUFB4
Peptide Sequence: TLPETLDPAEYNISPETR
Total Number of Spectra: 9
Number of Replicates (out of 8): 8
Best Match Score: 142.35
Best Match Posterior Error Probability: 9.11E-06
Best Match Spectrum:



Protein Group ID: 569
Protein Accession Numbers: O75817; C9JYM0
Gene Names: POP7
Peptide Sequence: GAVEAELDPVEYTLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 119.45
Best Match Posterior Error Probability: 0.00025611
Best Match Spectrum:



Scan number 55508 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** POP7

Protein Group ID: 571

Protein Accession Numbers: Q96ET8; C9JYS5; Q9NYZ1; J3KS67; Q96ET8-3; Q96ET8-2; E5RGC5; I3L376; E5RIS5

Gene Names: FAM18B2;FAM18B1

Peptide Sequence: MLQQDSNDDTEDVSLFDAEEETTNRPR

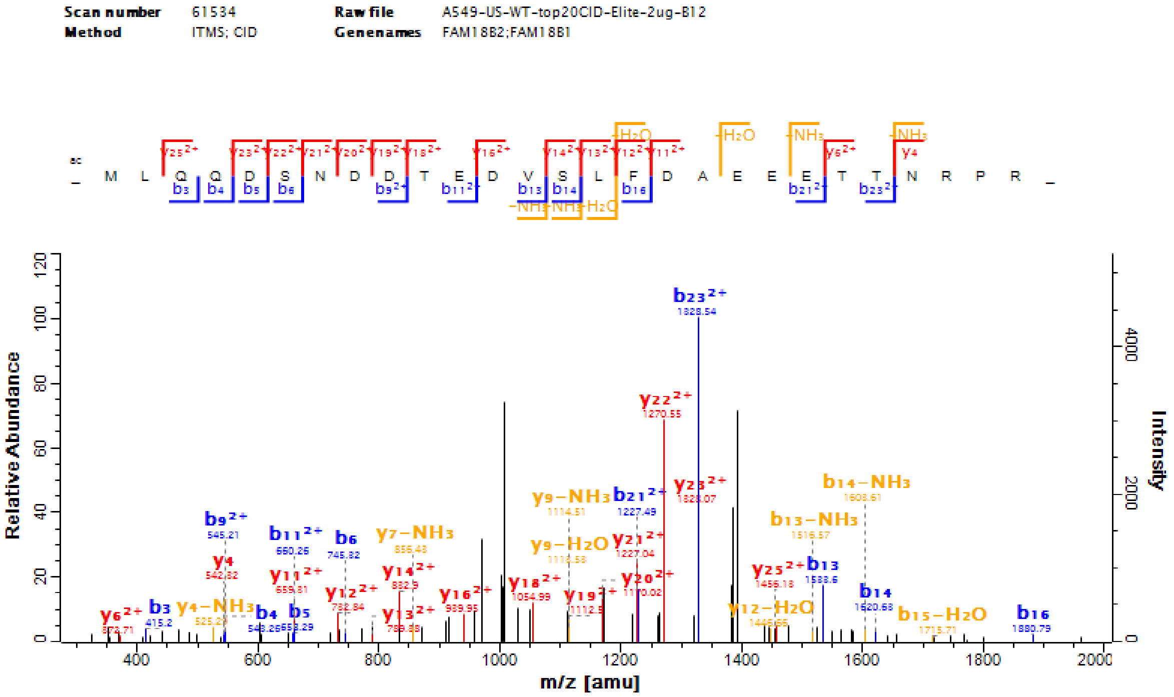
Total Number of Spectra: 6

Number of Replicates (out of 8): 4

Best Match Score: 110.67

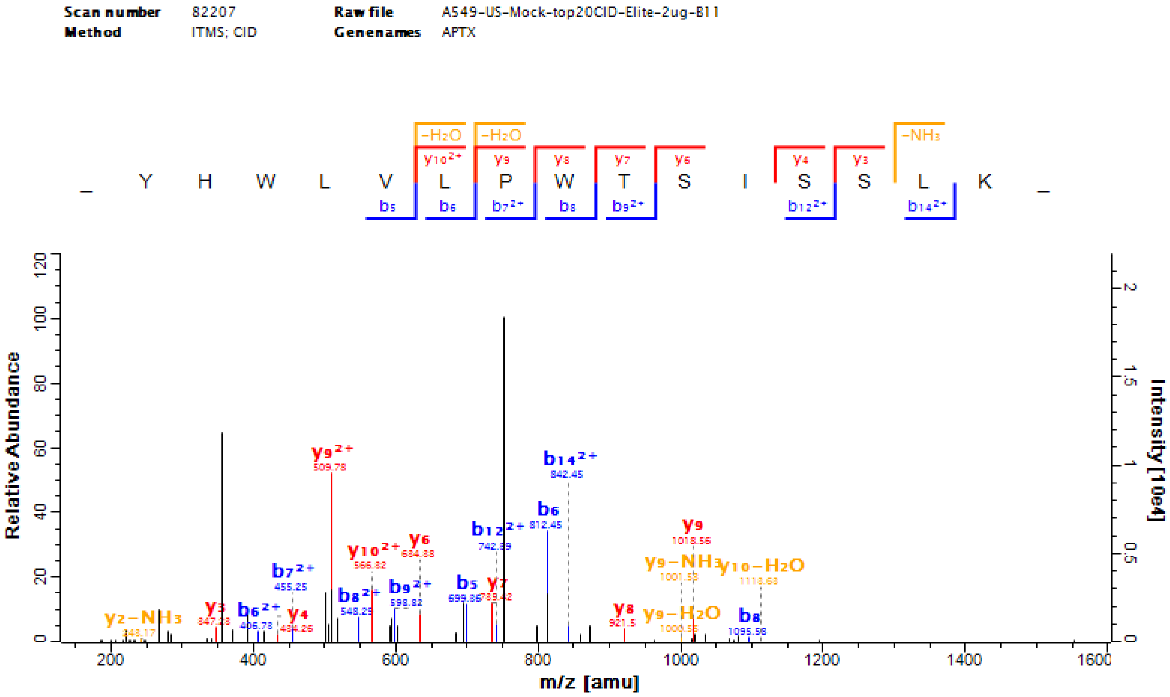
Best Match Posterior Error Probability: 3.97E-11

Best Match Spectrum:

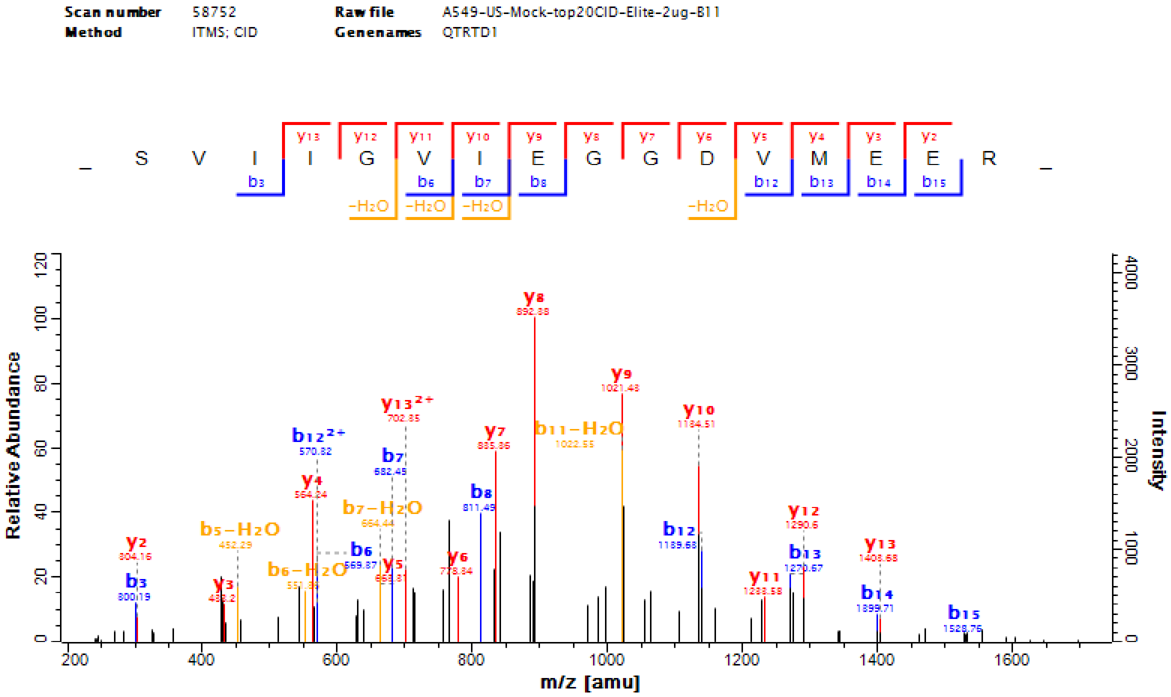


Scan number 61534 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** FAM18B2;FAM18B1

Protein Group ID: 573
Protein Accession Numbers: Q7Z2E3; Q7Z2E3-7; Q7Z2E3-8; Q7Z2E3-11; Q7Z2E3-10; Q7Z2E3-9; Q7Z2E3-5; Q7Z2E3-3; Q7Z2E3-4; C9JZ40; F8W6G5; Q7Z2E3-2; Q7Z2E3-6
Gene Names: APTX
Peptide Sequence: YHWLVLPWTSISSLK
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 105.65
Best Match Posterior Error Probability: 0.00016181
Best Match Spectrum:



Protein Group ID: 579
Protein Accession Numbers: J3KR78; Q9H974; Q9H974-3; Q9H974-2; C9K0B6
Gene Names: QTRTD1
Peptide Sequence: SVIIGVIEGGDVMEER
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 120.63
Best Match Posterior Error Probability: 8.50E-05
Best Match Spectrum:



Protein Group ID: 581

Protein Accession Numbers: CON__A2I7N3

Gene Names:

Peptide Sequence: FSISSHYQLK

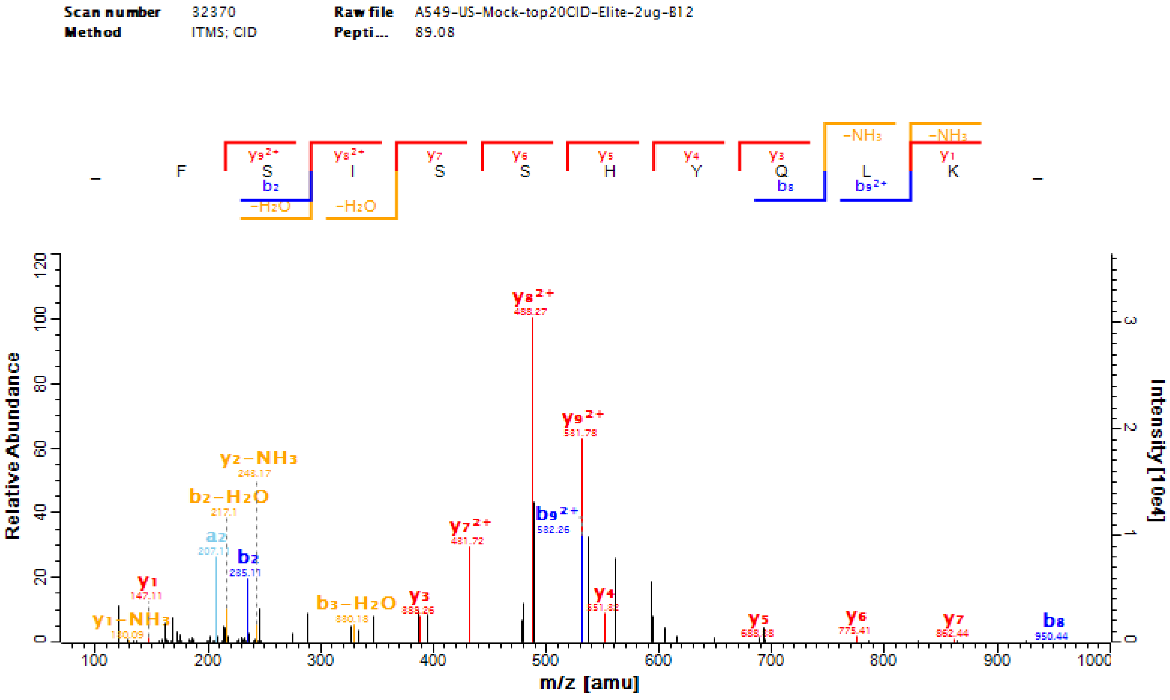
Total Number of Spectra: 4

Number of Replicates (out of 8): 4

Best Match Score: 89.08

Best Match Posterior Error Probability: 0.0020971

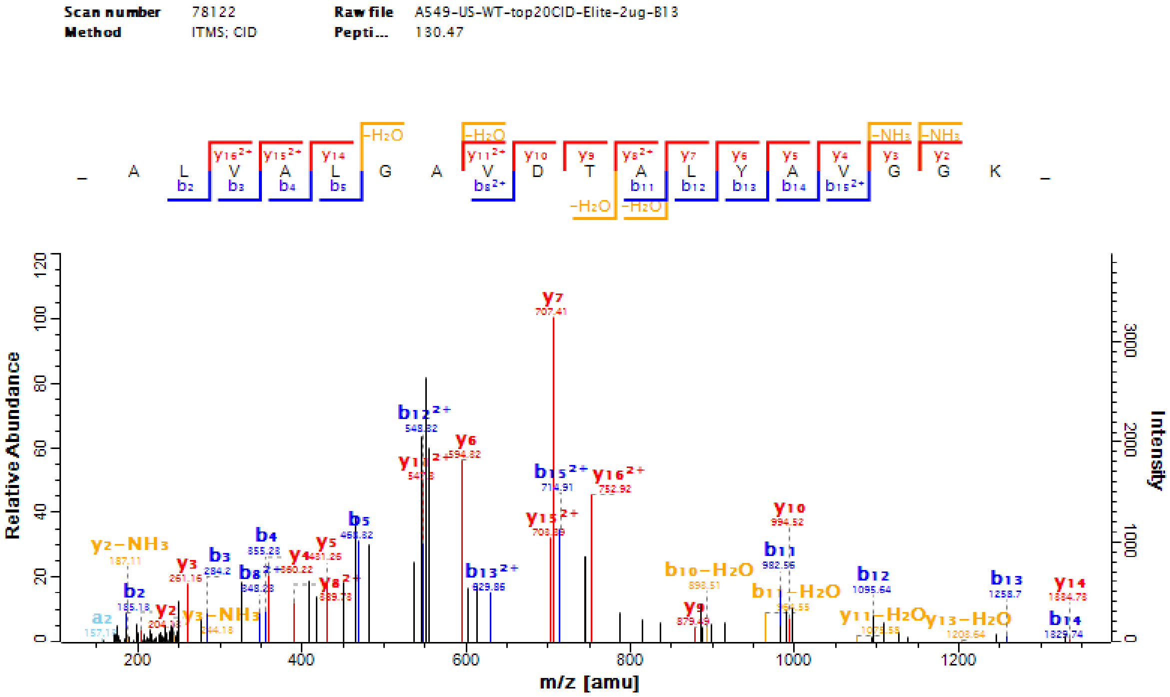
Best Match Spectrum:



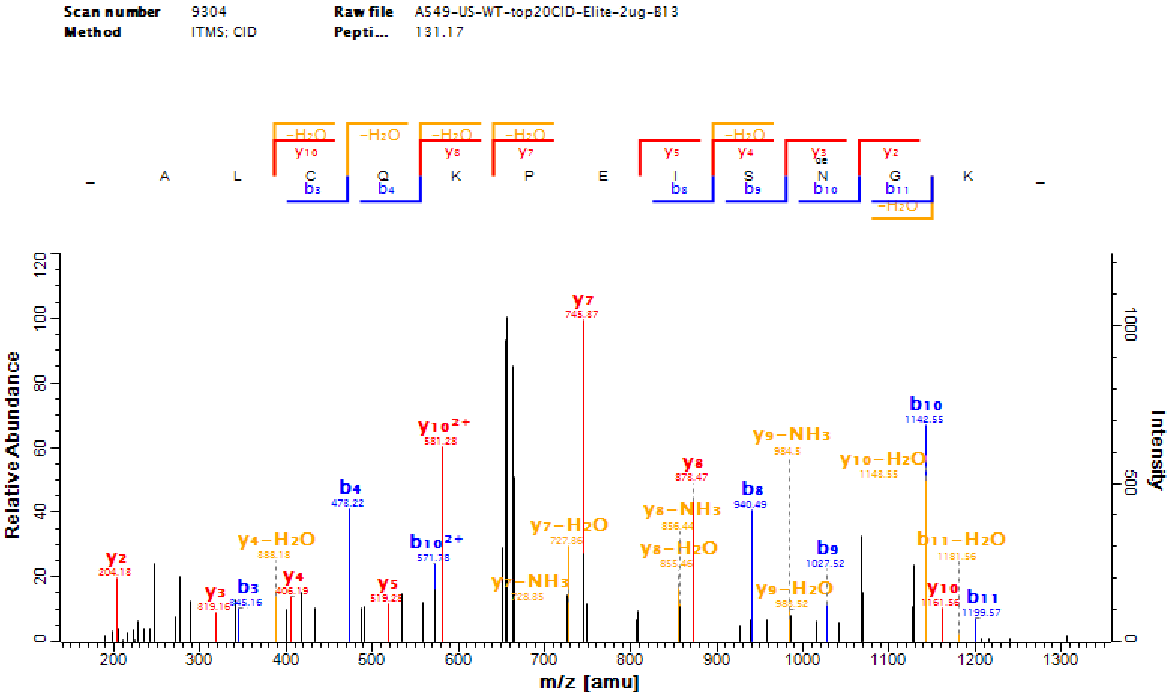
Scan number 32370 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12

Method ITMS; CID **Pepti...** 89.08

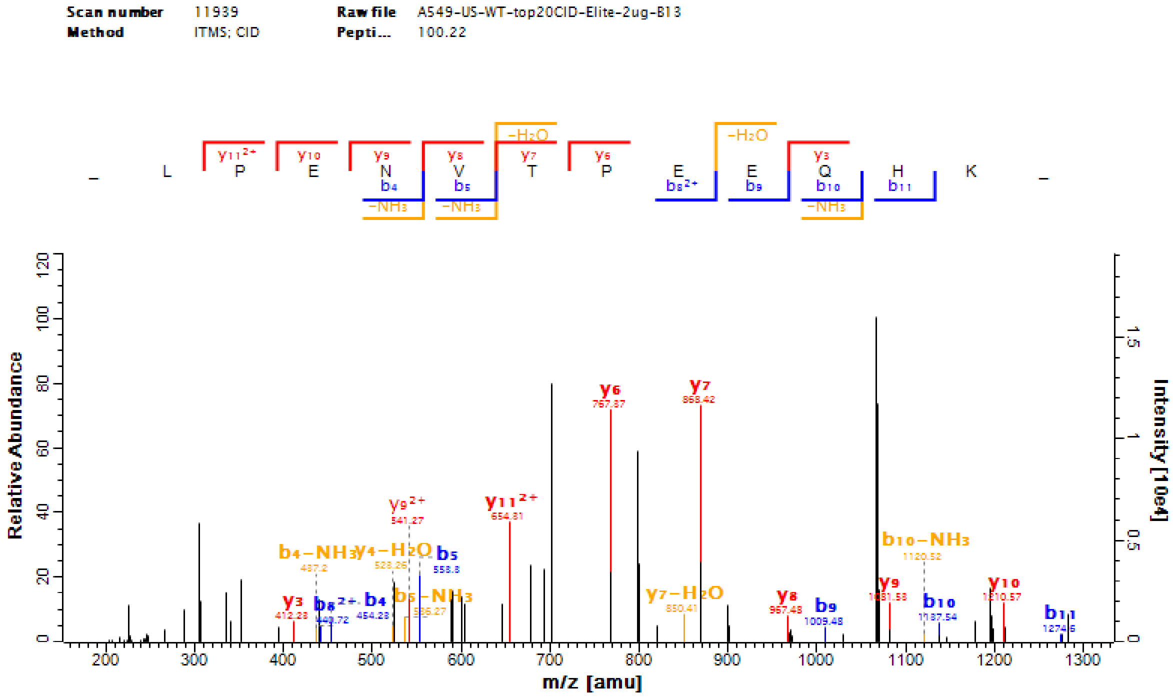
Protein Group ID: 582
Protein Accession Numbers: CON__ENSEMBL:ENSBTAP00000007350; CON__P01030
Gene Names:
Peptide Sequence: ALVALGAVDTALYAVGGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 130.47
Best Match Posterior Error Probability: 3.90E-05
Best Match Spectrum:



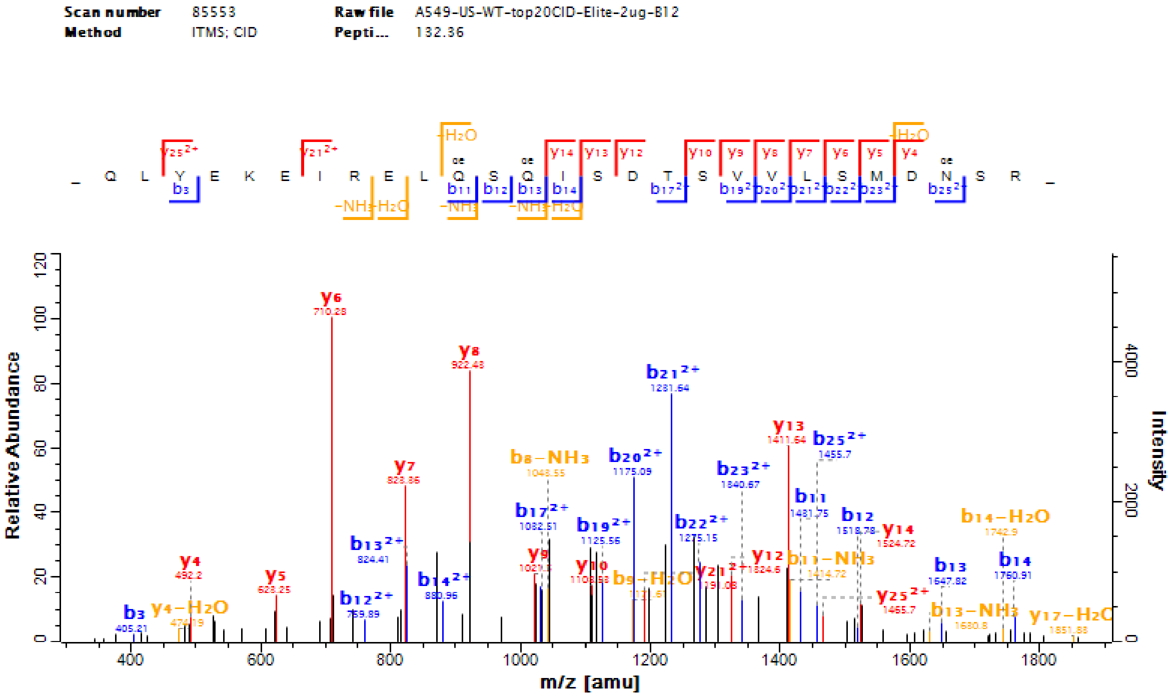
Protein Group ID: 587
Protein Accession Numbers: CON__ENSEMBL:ENSBTAP00000034412
Gene Names:
Peptide Sequence: ALCQKPEISNGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 131.17
Best Match Posterior Error Probability: 0.0022658
Best Match Spectrum:



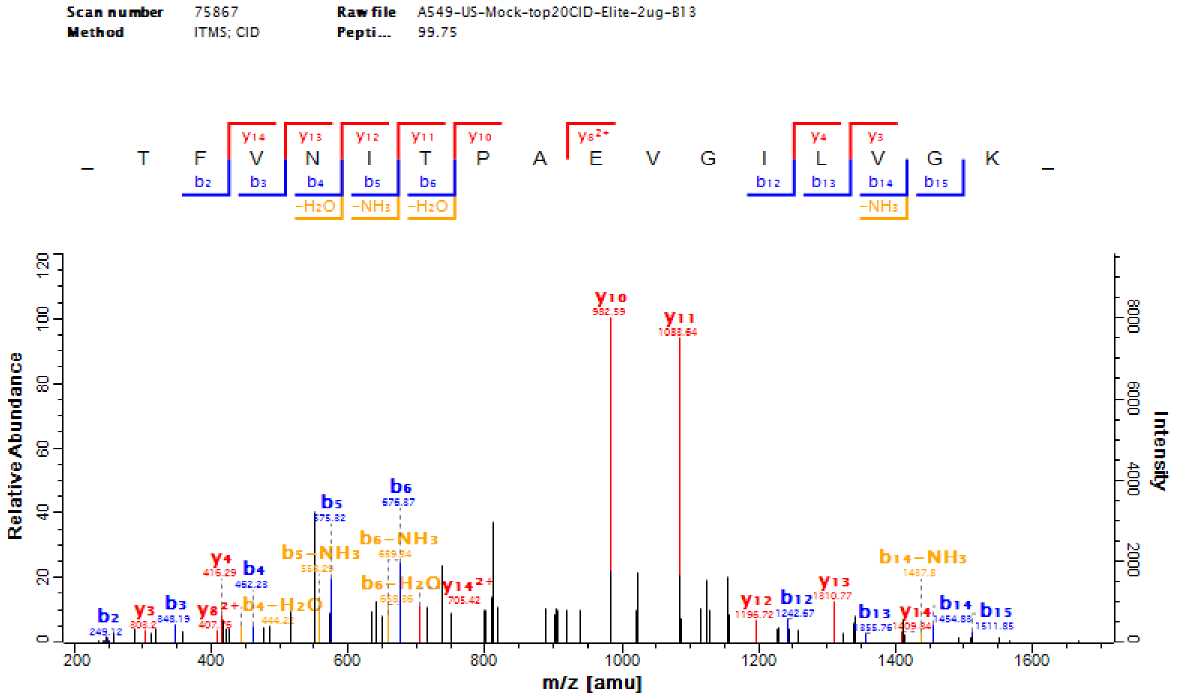
Protein Group ID: 588
Protein Accession Numbers: CON__ENSEMBL:ENSBTAP00000038329
Gene Names:
Peptide Sequence: LPENVTPEEQHK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 100.22
Best Match Posterior Error Probability: 0.00050652
Best Match Spectrum:



Protein Group ID: 589
Protein Accession Numbers: CON__H-INV:HIT000292931
Gene Names:
Peptide Sequence: QLYEKEIRELQSQISDTSVVLSMDNSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 132.36
Best Match Posterior Error Probability: 3.01E-15
Best Match Spectrum:

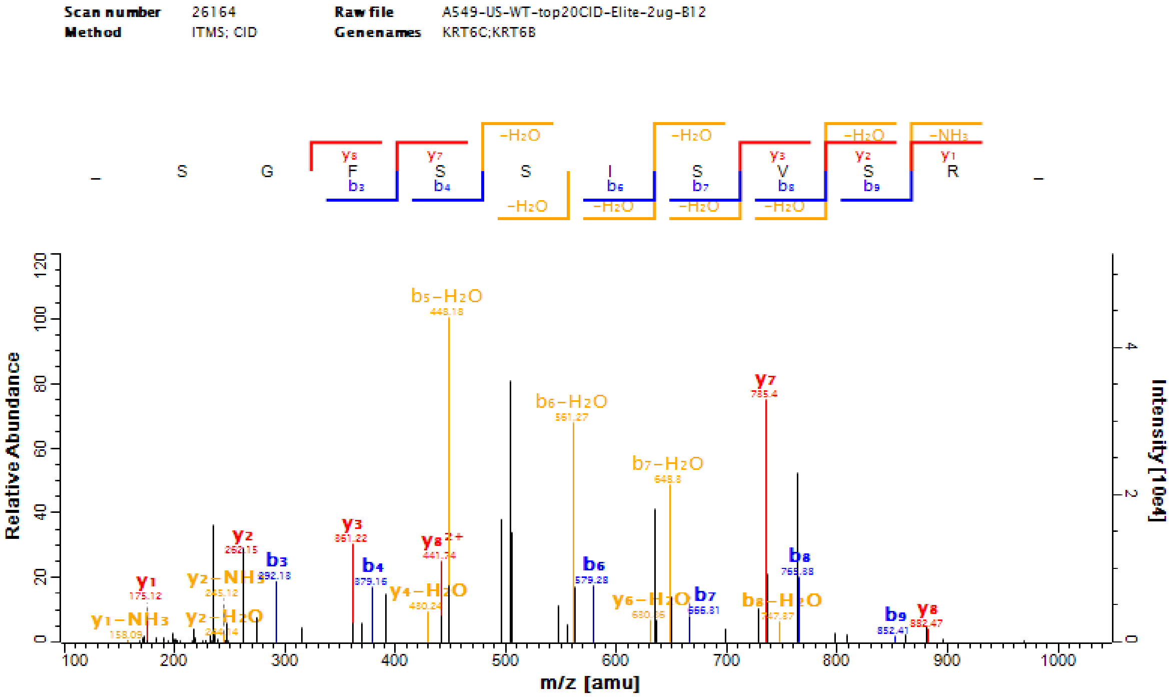


Protein Group ID: 595
Protein Accession Numbers: CON__P02584
Gene Names:
Peptide Sequence: TFVNITPAEVGILVGK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 99.747
Best Match Posterior Error Probability: 0.00016539
Best Match Spectrum:



Scan number 75867 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Pepti...** 99.75

Protein Group ID: 599
Protein Accession Numbers: CON__P04259; CON__P48668; P48668; P04259
Gene Names: KRT6C;KRT6B
Peptide Sequence: SGFSSISVSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 100.69
Best Match Posterior Error Probability: 0.00051002
Best Match Spectrum:



Protein Group ID: 603

Protein Accession Numbers: E7EQ64; CON__P07477; P07477; H0Y8D1

Gene Names: PRSS1

Peptide Sequence: TLNNDIMLIK

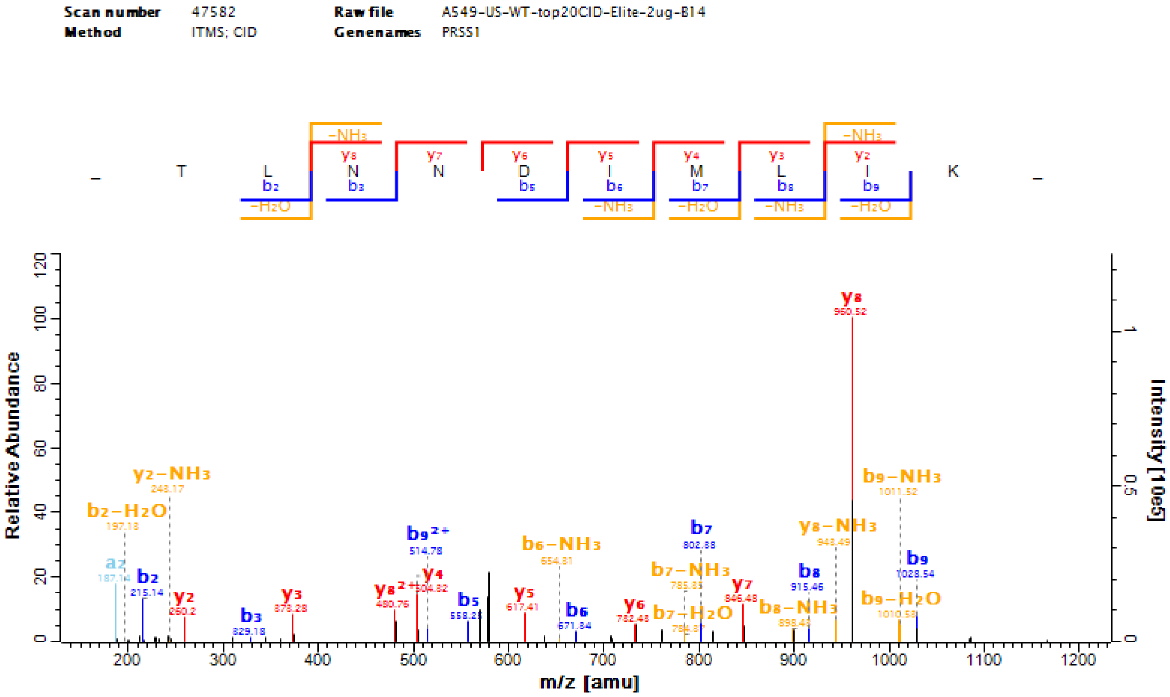
Total Number of Spectra: 10

Number of Replicates (out of 8): 7

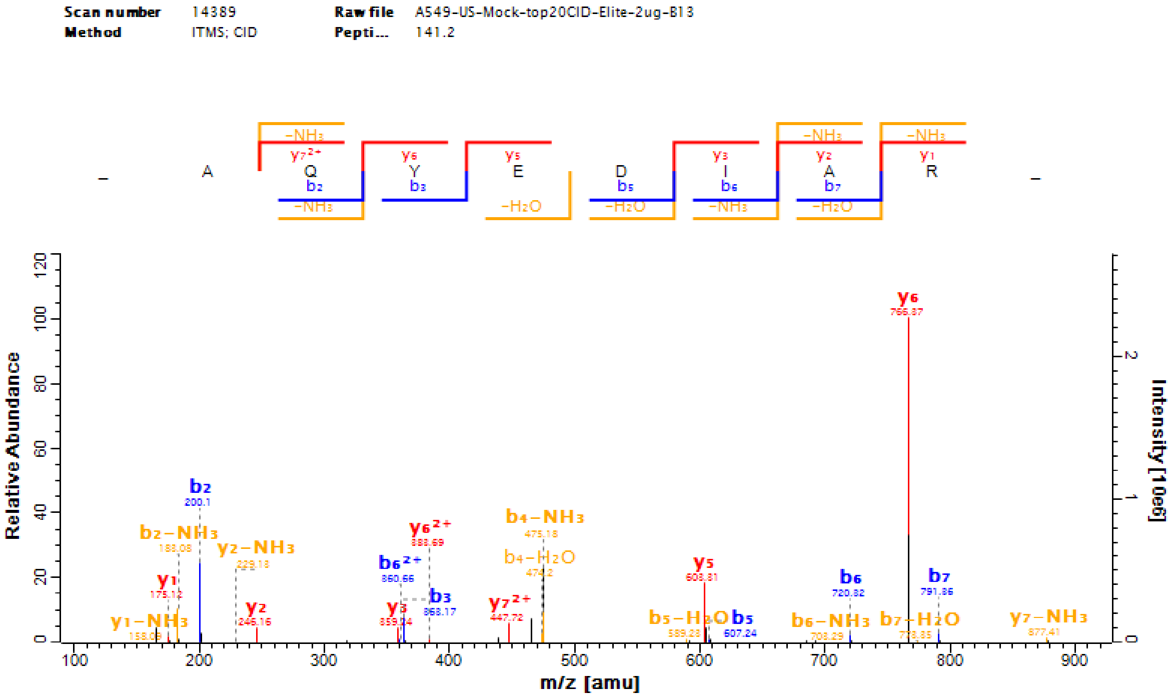
Best Match Score: 179.57

Best Match Posterior Error Probability: 5.46E-07

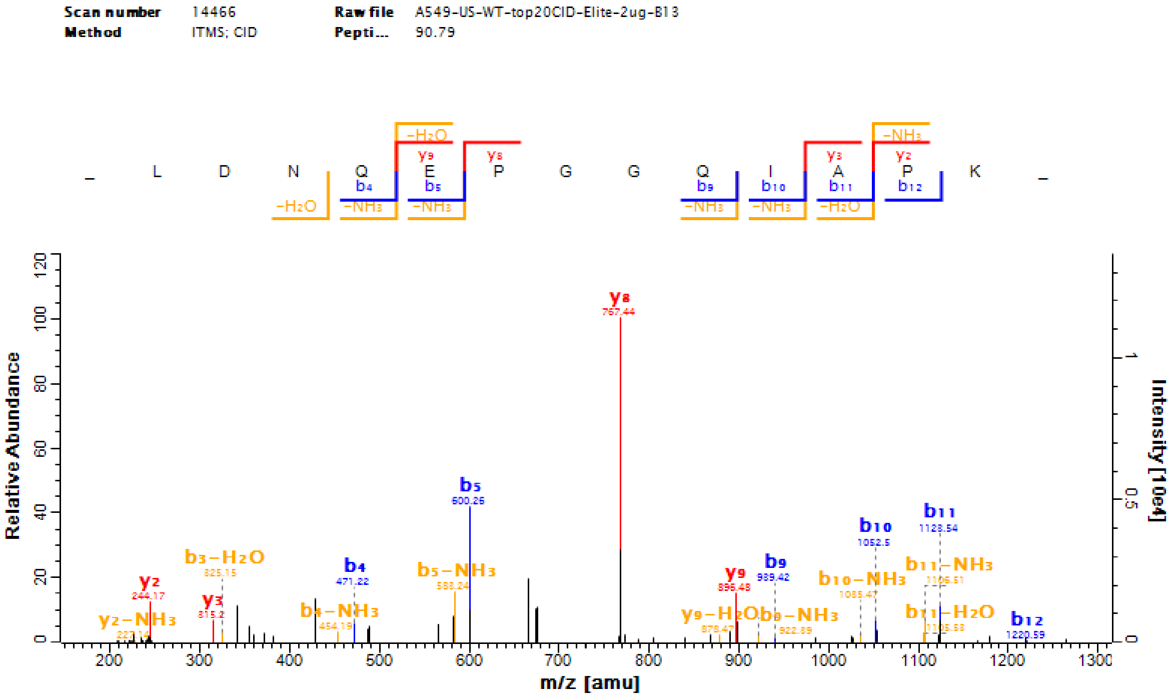
Best Match Spectrum:



Protein Group ID: 604
Protein Accession Numbers: CON__P07744
Gene Names:
Peptide Sequence: AQYEDIAR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 141.2
Best Match Posterior Error Probability: 0.0025953
Best Match Spectrum:

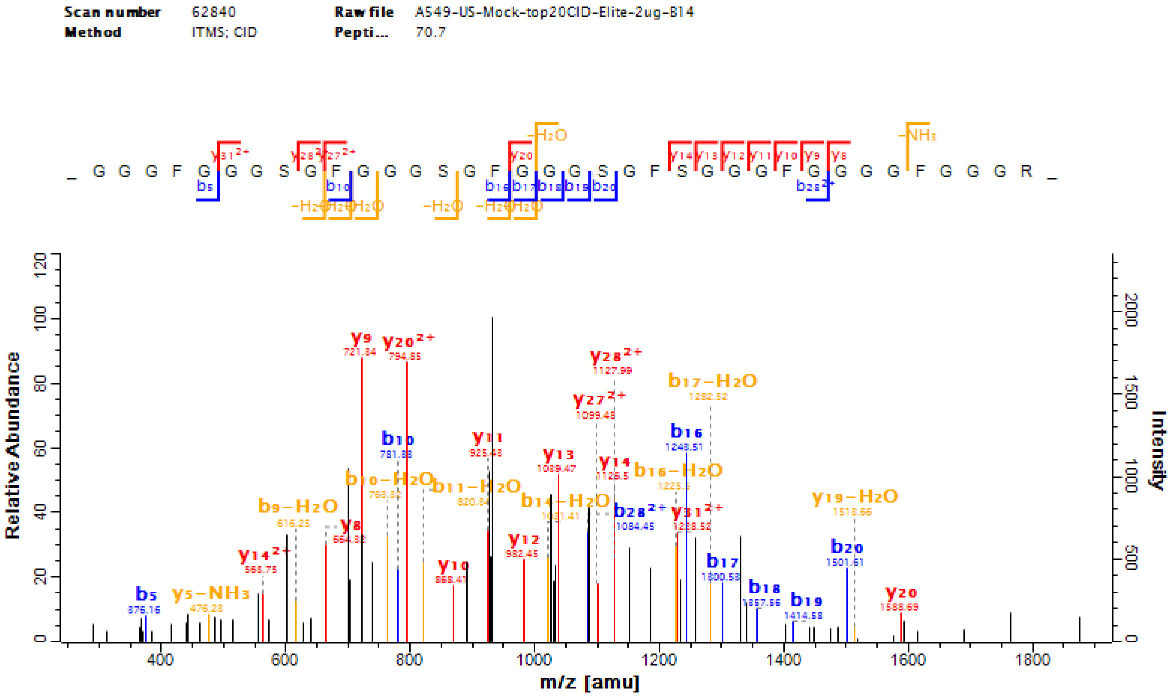


Protein Group ID: 613
Protein Accession Numbers: CON__P28800
Gene Names:
Peptide Sequence: LDNQEPGGQIAPK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 90.793
Best Match Posterior Error Probability: 0.0013227
Best Match Spectrum:

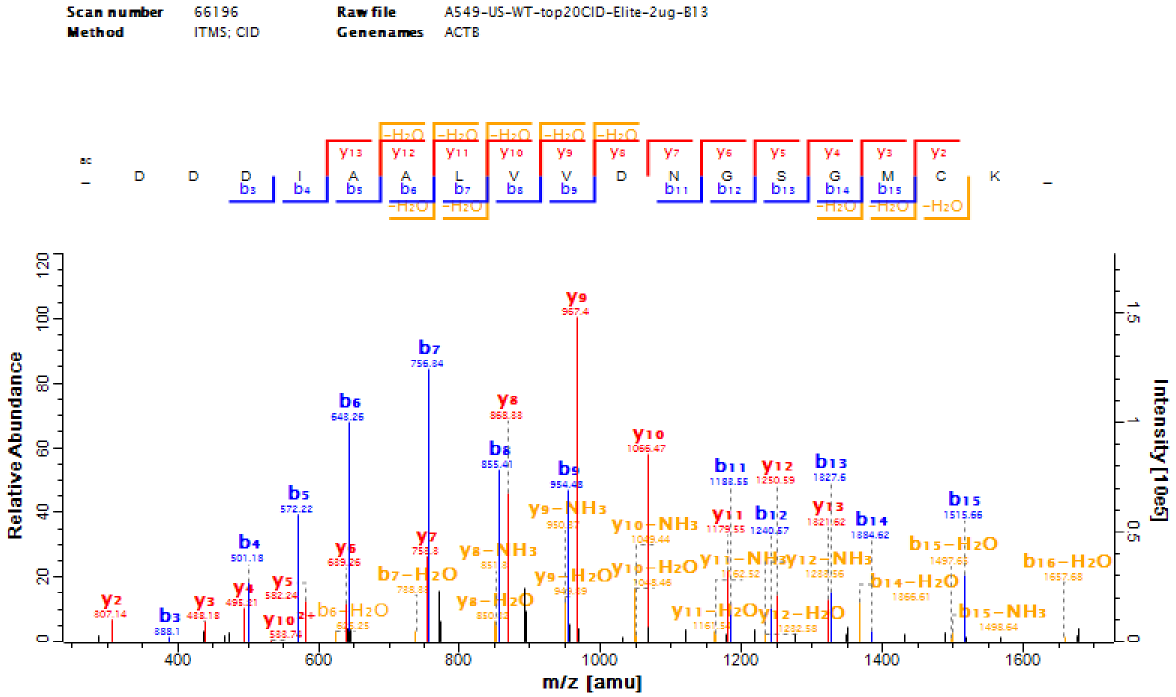


Scan number 14466 **Raw file** A549-US-WT-top20CID-Elite-2ug-B13
Method ITMS; CID **Pepti...** 90.79

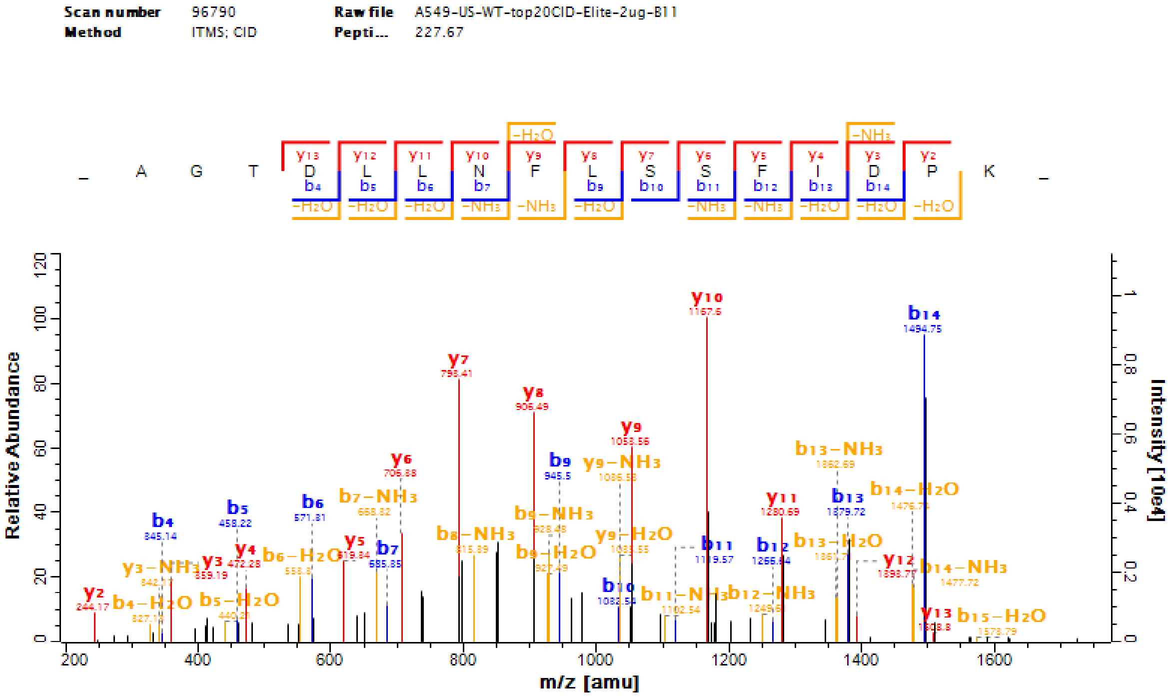
Protein Group ID: 616
Protein Accession Numbers: CON__P35908
Gene Names:
Peptide Sequence: GGGFGGGSGFGGGSGFGGGSGFSGGGFGGGGFGGGR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 70.701
Best Match Posterior Error Probability: 3.79E-07
Best Match Spectrum:



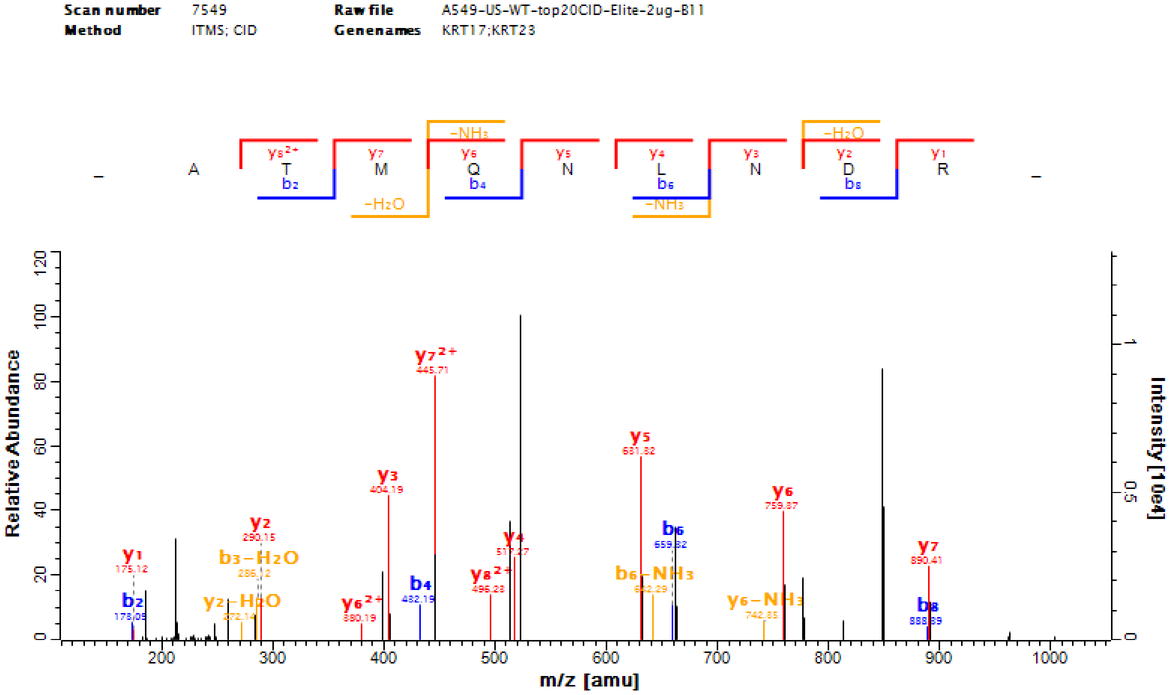
Protein Group ID: 618
Protein Accession Numbers: CON__P60712; P60709; E7EVS6; G5E9R0; C9JZR7; C9JTX5
Gene Names: ACTB
Peptide Sequence: DDDIAALVVDNGSGMCK
Total Number of Spectra: 65
Number of Replicates (out of 8): 8
Best Match Score: 239.58
Best Match Posterior Error Probability: 1.41E-80
Best Match Spectrum:



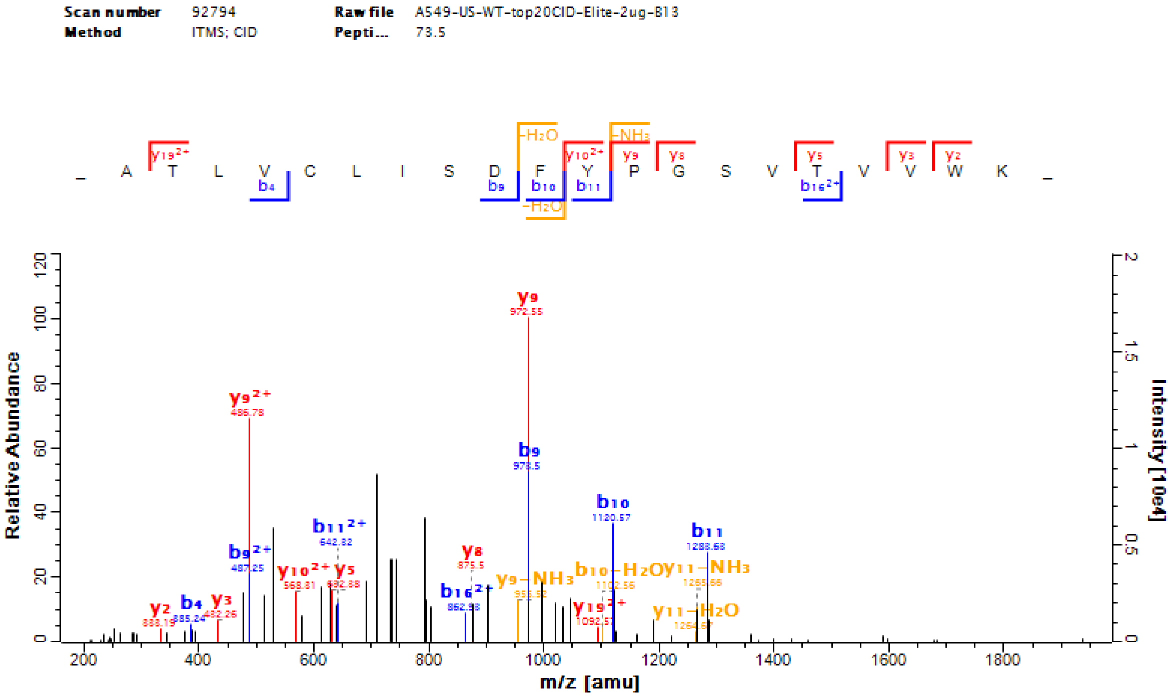
Protein Group ID: 619
Protein Accession Numbers: CON__P81644
Gene Names:
Peptide Sequence: AGTDLLNFLSSFIDPK
Total Number of Spectra: 9
Number of Replicates (out of 8): 8
Best Match Score: 227.67
Best Match Posterior Error Probability: 2.37E-63
Best Match Spectrum:



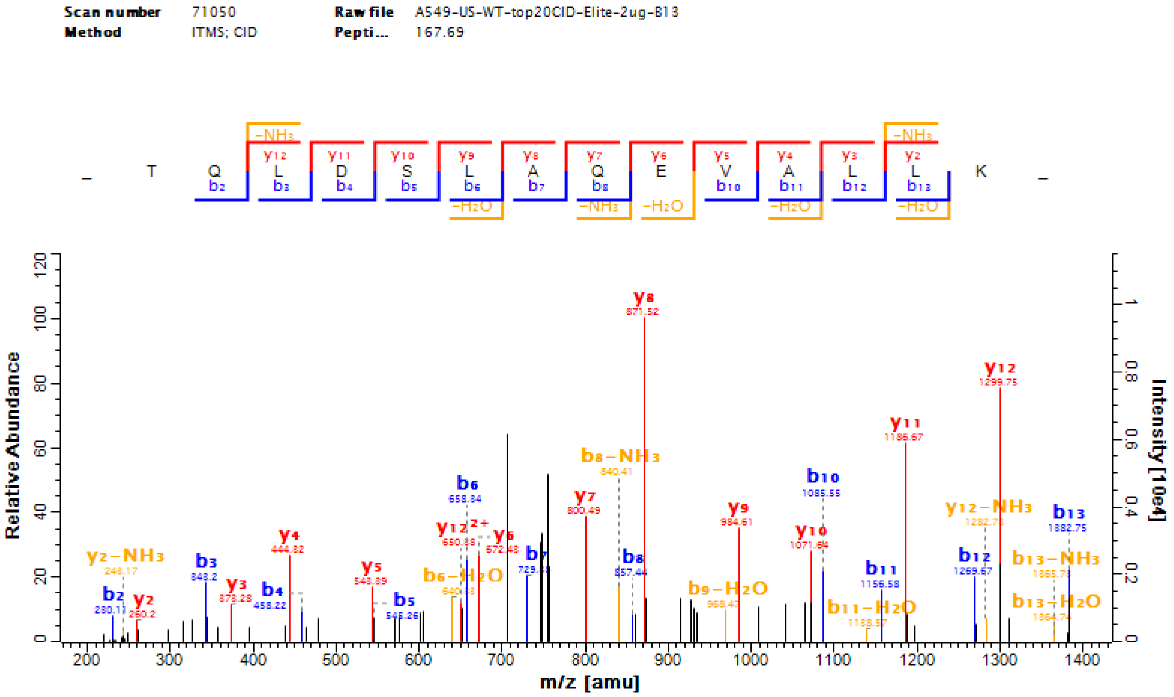
Protein Group ID: 620
Protein Accession Numbers: CON__Q04695; Q04695; CON__Q9QWL7; K7EPJ9; CON__Q99PS0; CON__Q9C075; Q9C075; J3QR55
Gene Names: KRT17;KRT23
Peptide Sequence: ATMQNLNDR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 99.973
Best Match Posterior Error Probability: 0.001775
Best Match Spectrum:



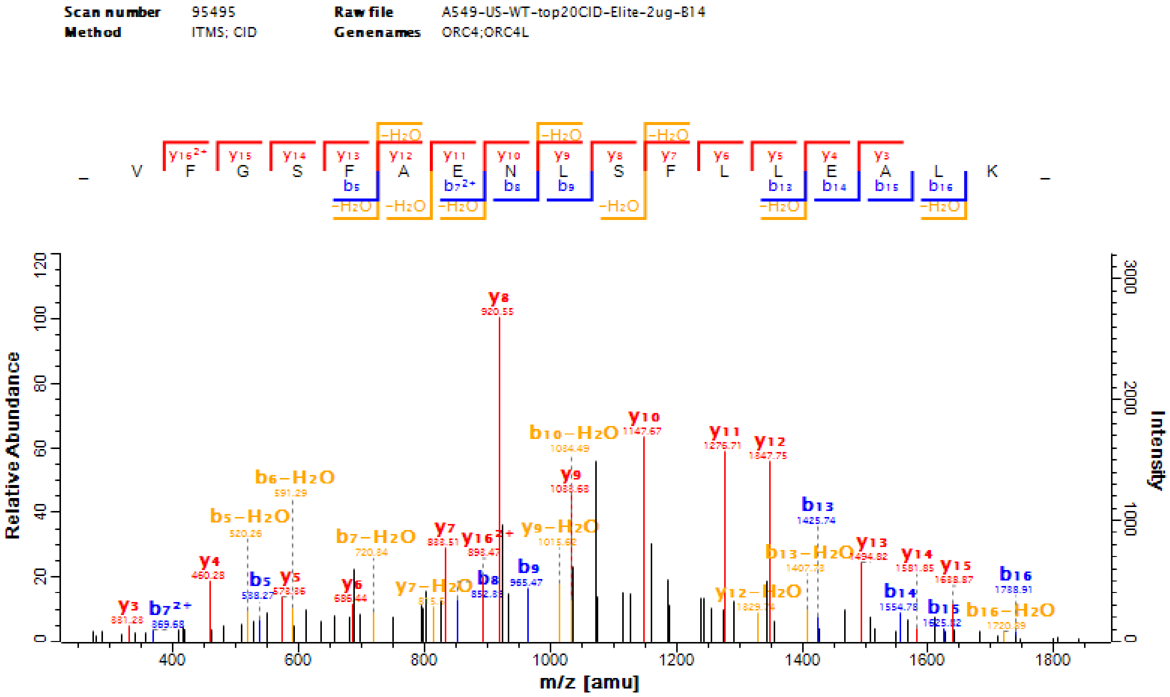
Protein Group ID: 624
Protein Accession Numbers: CON__Q1RMN8
Gene Names:
Peptide Sequence: ATLVCLISDFYPGSVTVVWK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 73.498
Best Match Posterior Error Probability: 0.0012031
Best Match Spectrum:



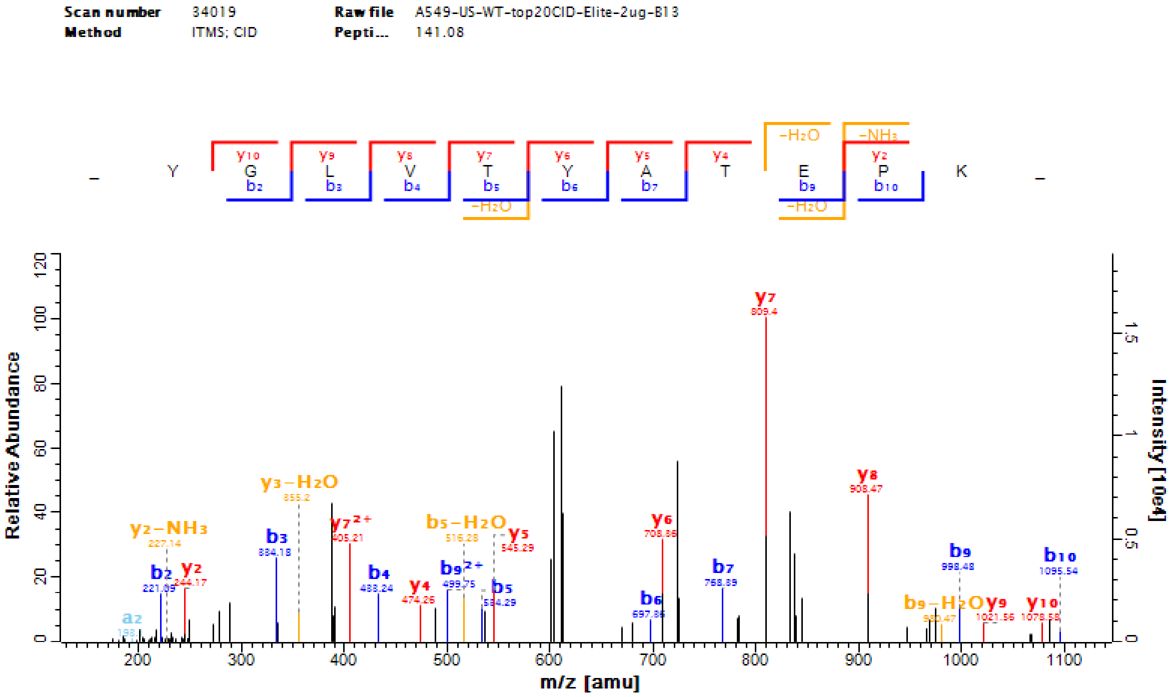
Protein Group ID: 625
Protein Accession Numbers: CON__Q2KIS7
Gene Names:
Peptide Sequence: TQLDSLAQEVALLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 167.69
Best Match Posterior Error Probability: 1.61E-10
Best Match Spectrum:



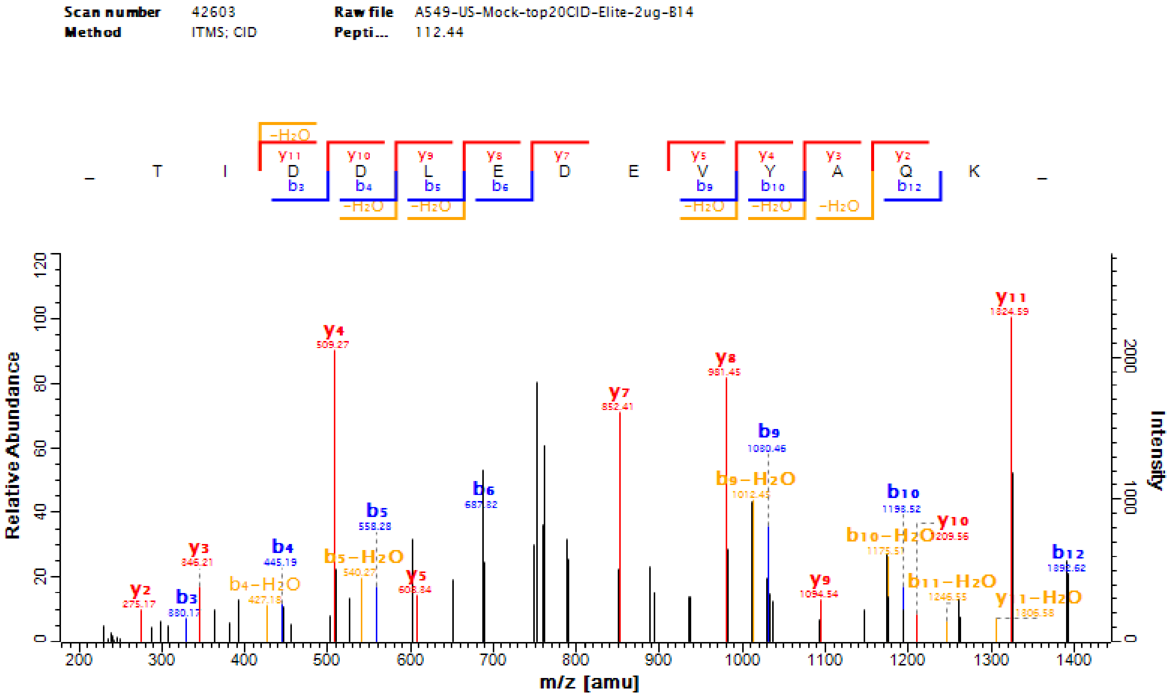
Protein Group ID: 628
Protein Accession Numbers: CON__Q2YDI2; O43929; F5H069; O43929-2; Q53SE3
Gene Names: ORC4;ORC4L
Peptide Sequence: VFGSFAENLSFLLEALK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 137.45
Best Match Posterior Error Probability: 1.02E-08
Best Match Spectrum:



Protein Group ID: 630
Protein Accession Numbers: CON__Q3KUS7
Gene Names:
Peptide Sequence: YGLVTYATEPK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 141.08
Best Match Posterior Error Probability: 2.15E-05
Best Match Spectrum:

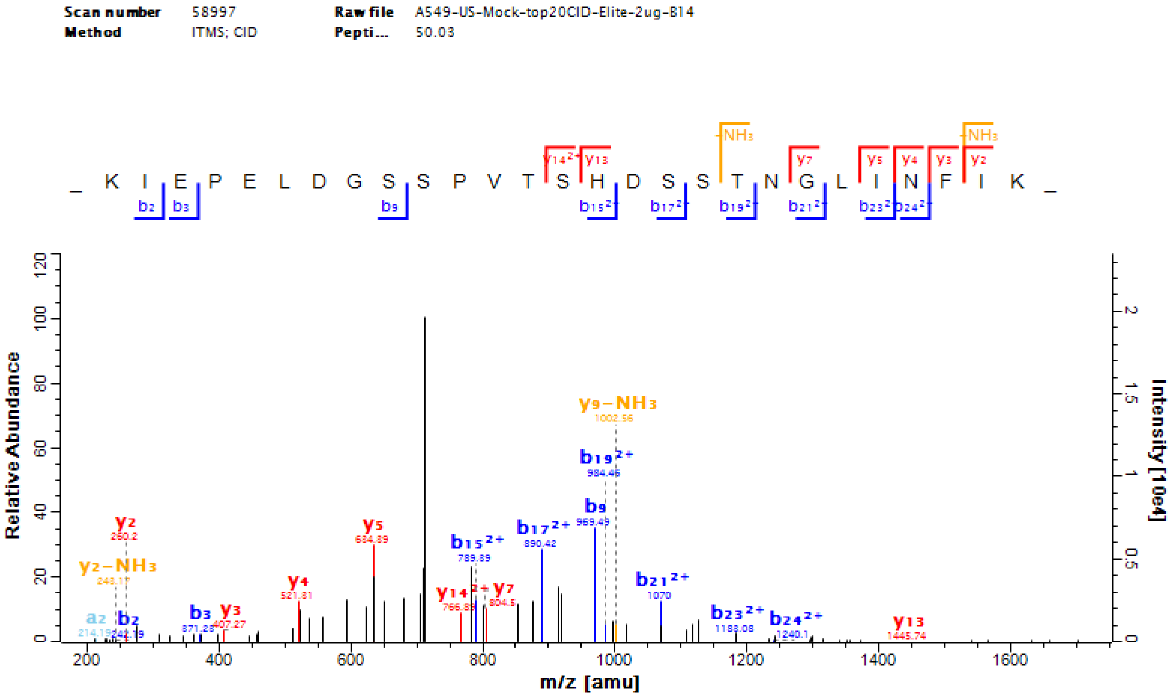


Protein Group ID: 633
Protein Accession Numbers: CON__Q3SX28
Gene Names:
Peptide Sequence: TIDDLEDEVYAQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 112.44
Best Match Posterior Error Probability: 0.00027861
Best Match Spectrum:



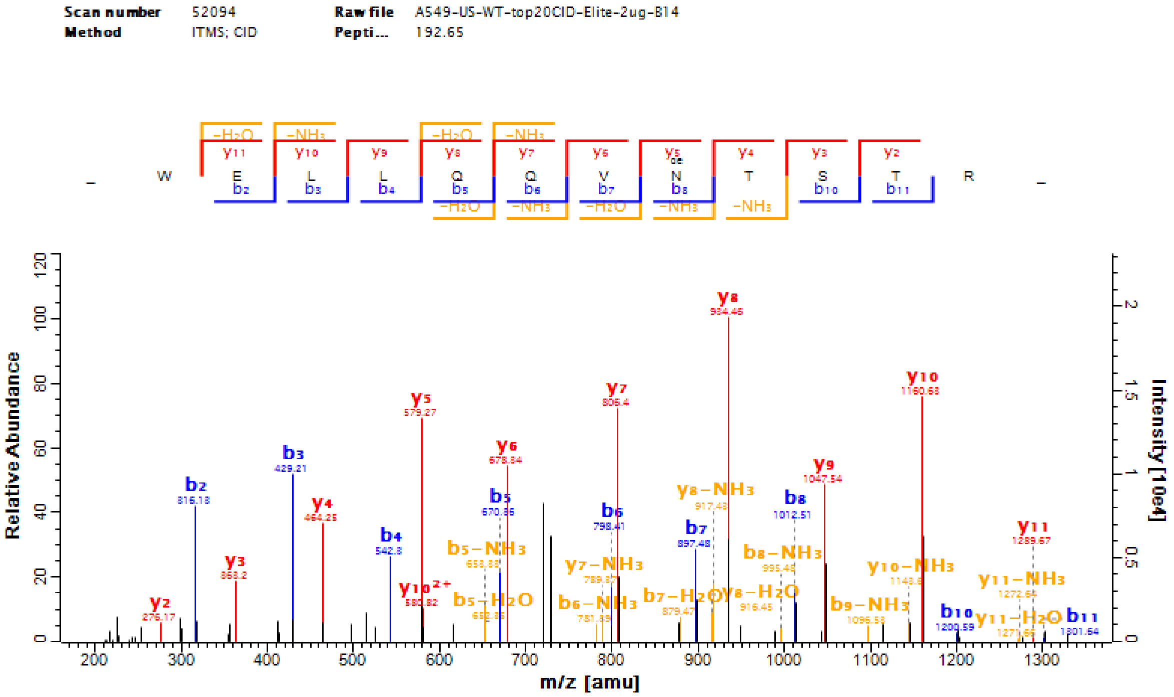
Scan number 42603 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Pepti...** 112.44

Protein Group ID: 639
Protein Accession Numbers: CON__Q3ZBD7
Gene Names:
Peptide Sequence: KIEPELDGSSPVTSHDSSTNGLINFIK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 50.029
Best Match Posterior Error Probability: 0.012666
Best Match Spectrum:

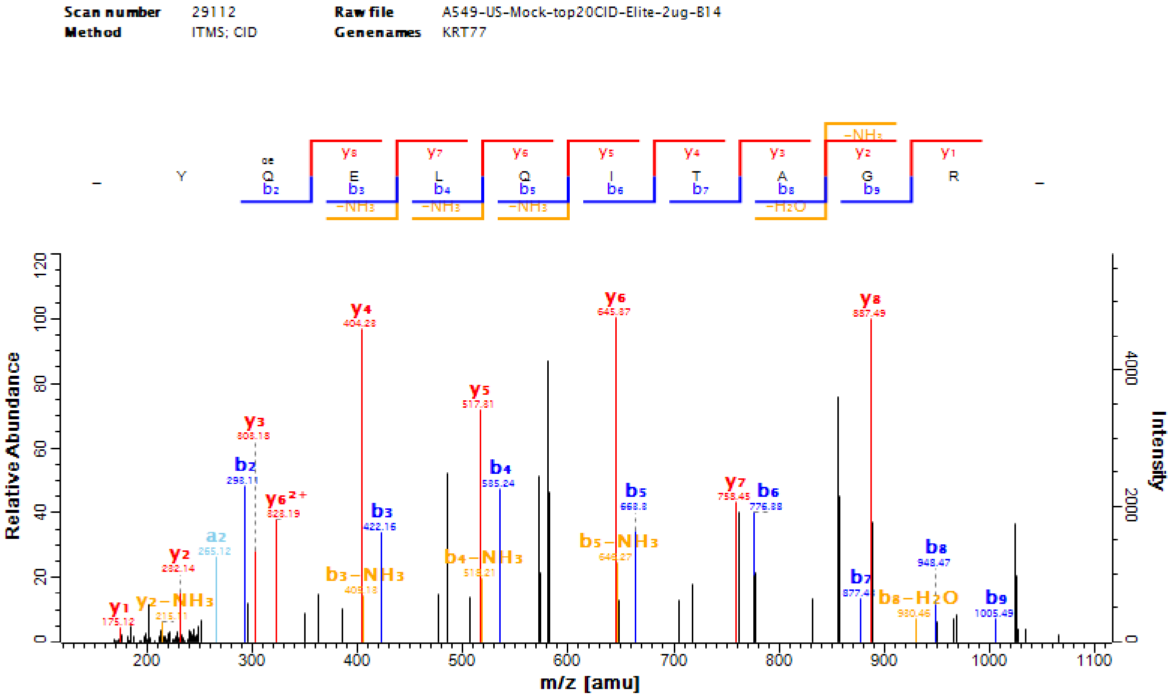


Scan number 58997
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B14
Pepti... 50.03

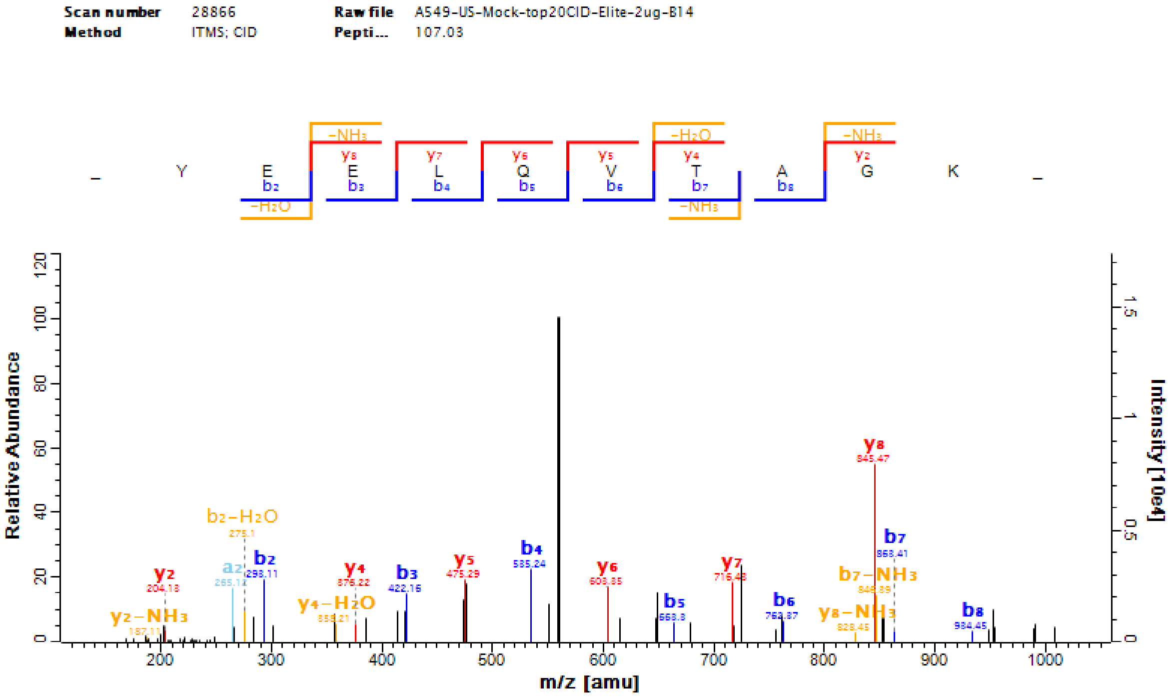
Protein Group ID: 643
Protein Accession Numbers: CON__Q6IFZ6
Gene Names:
Peptide Sequence: WELLQQVNTSTR
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 192.65
Best Match Posterior Error Probability: 1.40E-17
Best Match Spectrum:



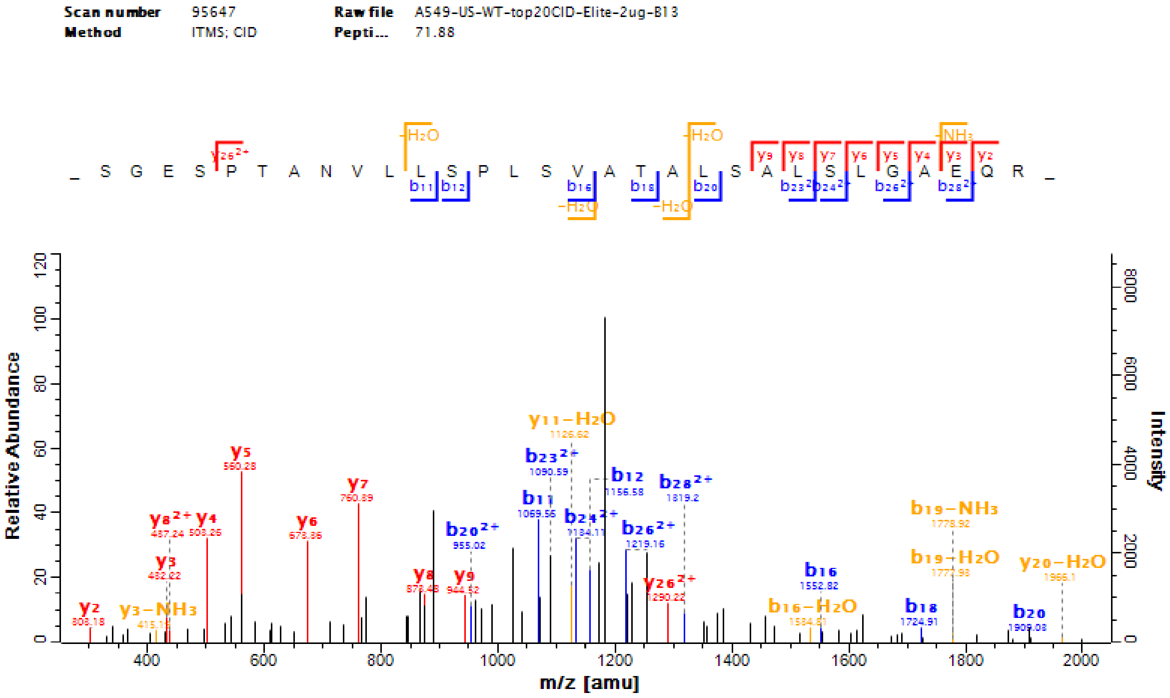
Protein Group ID: 644
Protein Accession Numbers: CON__Q7Z794; Q7Z794; F5GY66
Gene Names: KRT77
Peptide Sequence: YQELQITAGR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 144.1
Best Match Posterior Error Probability: 0.0012543
Best Match Spectrum:



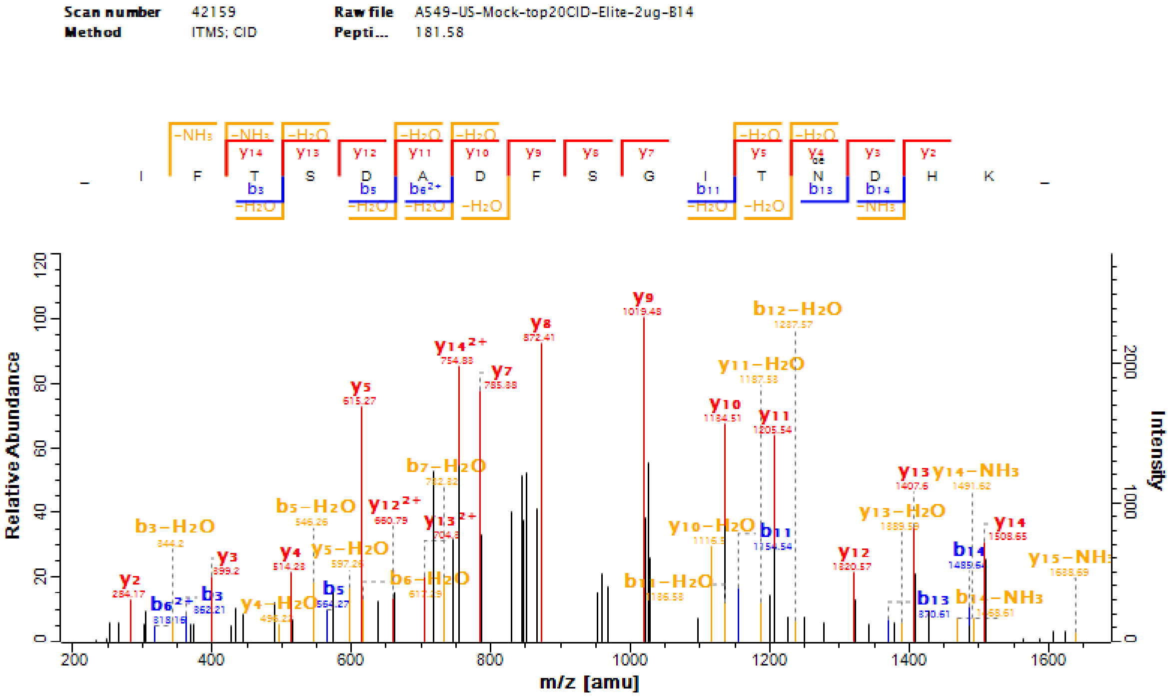
Protein Group ID: 646
Protein Accession Numbers: CON__Q8VED5
Gene Names:
Peptide Sequence: YEELQVTAGK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 107.03
Best Match Posterior Error Probability: 0.0004732
Best Match Spectrum:



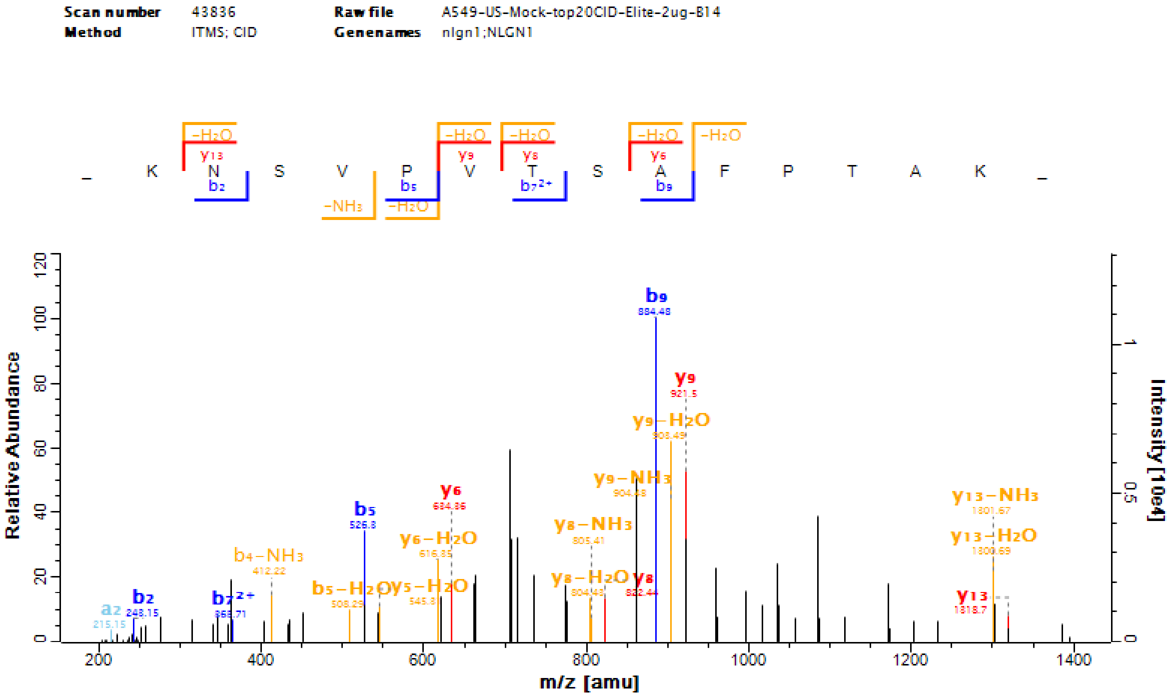
Protein Group ID: 647
Protein Accession Numbers: CON__Q95121
Gene Names:
Peptide Sequence: SGESPTANVLLSPLSVATALSALSLGAEQR
Total Number of Spectra: 6
Number of Replicates (out of 8): 4
Best Match Score: 71.882
Best Match Posterior Error Probability: 2.53E-05
Best Match Spectrum:



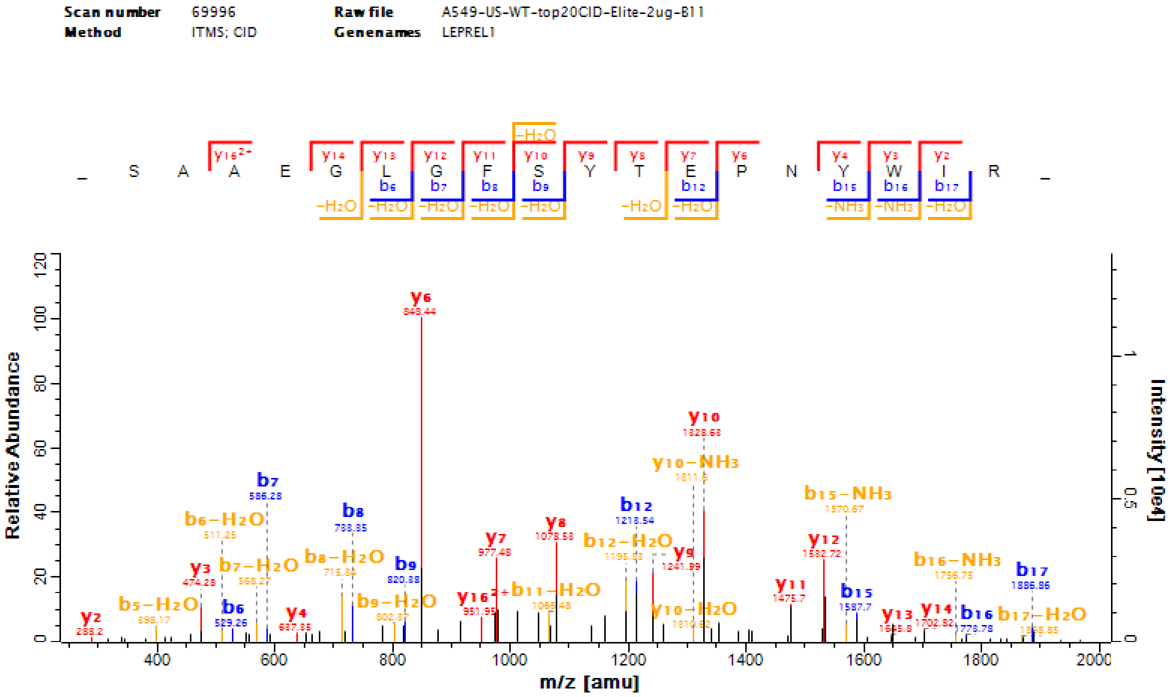
Protein Group ID: 650
Protein Accession Numbers: CON__REFSEQ:XP_001252647
Gene Names:
Peptide Sequence: IFTSDADFSGITNDHK
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 181.58
Best Match Posterior Error Probability: 1.21E-19
Best Match Spectrum:



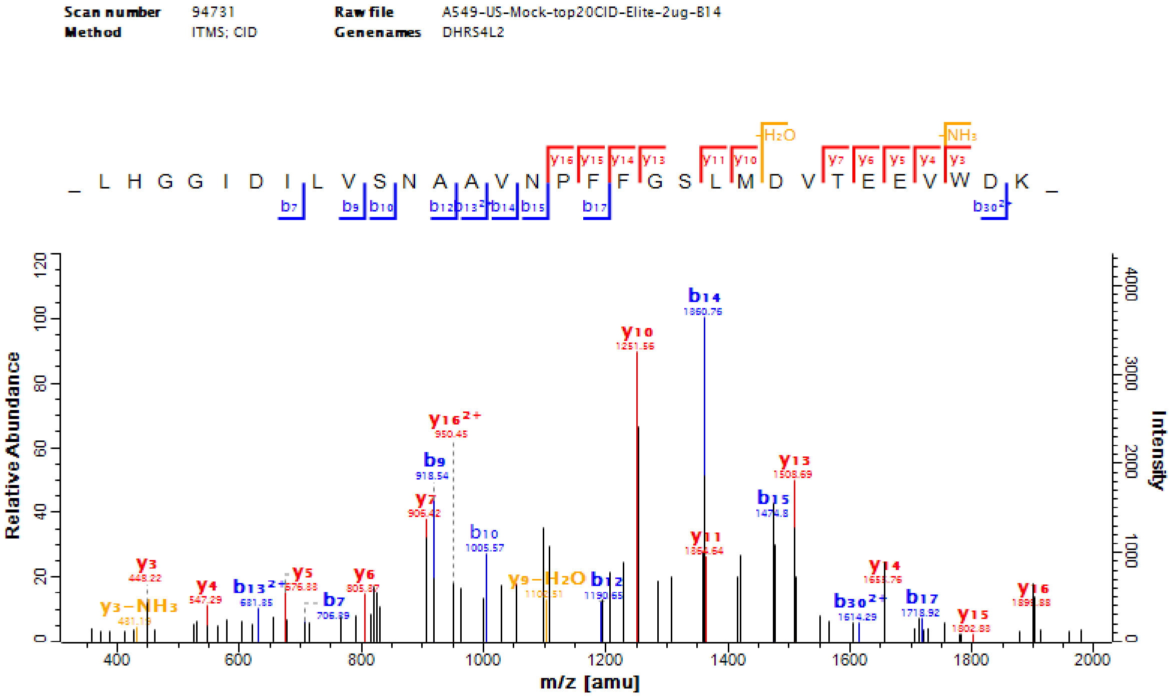
Protein Group ID: 652
Protein Accession Numbers: D2X2H5; Q8N2Q7; Q8N2Q7-2
Gene Names: nlgn1;NLGN1
Peptide Sequence: KNSVPVTSAFPTAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 97.463
Best Match Posterior Error Probability: 0.0011377
Best Match Spectrum:



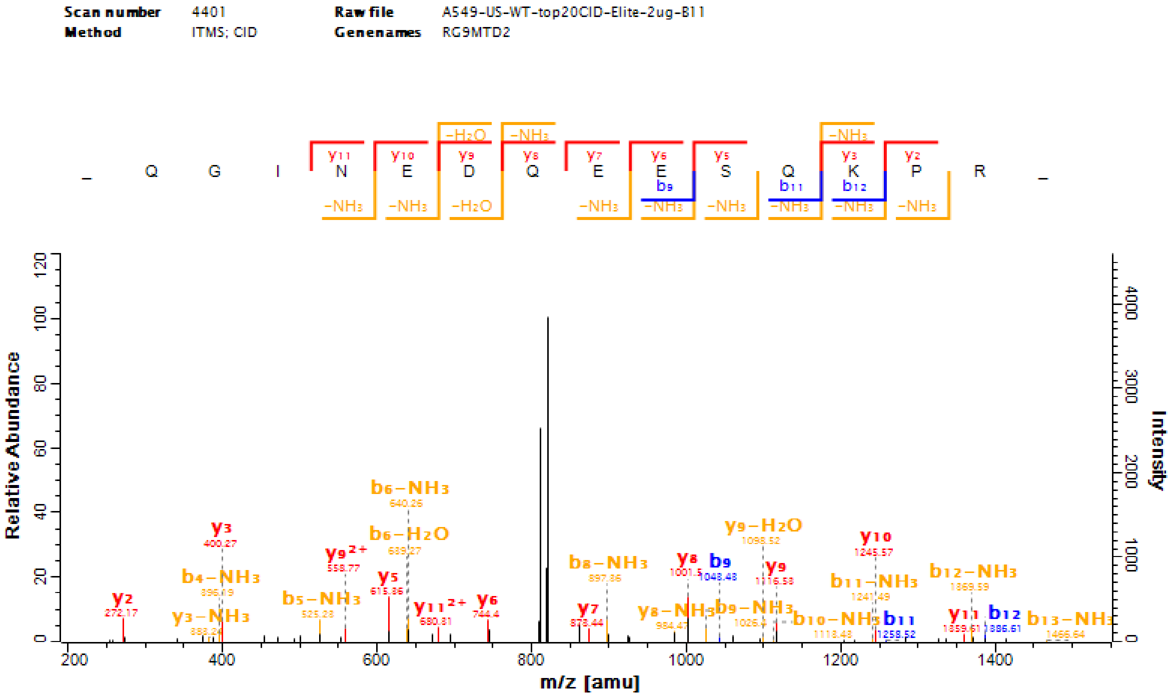
Protein Group ID: 653
Protein Accession Numbers: Q8IVL5; D3DNV8
Gene Names: LEPREL1
Peptide Sequence: SAAEGLGFSYTEPNYWIR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 180.64
Best Match Posterior Error Probability: 3.42E-21
Best Match Spectrum:



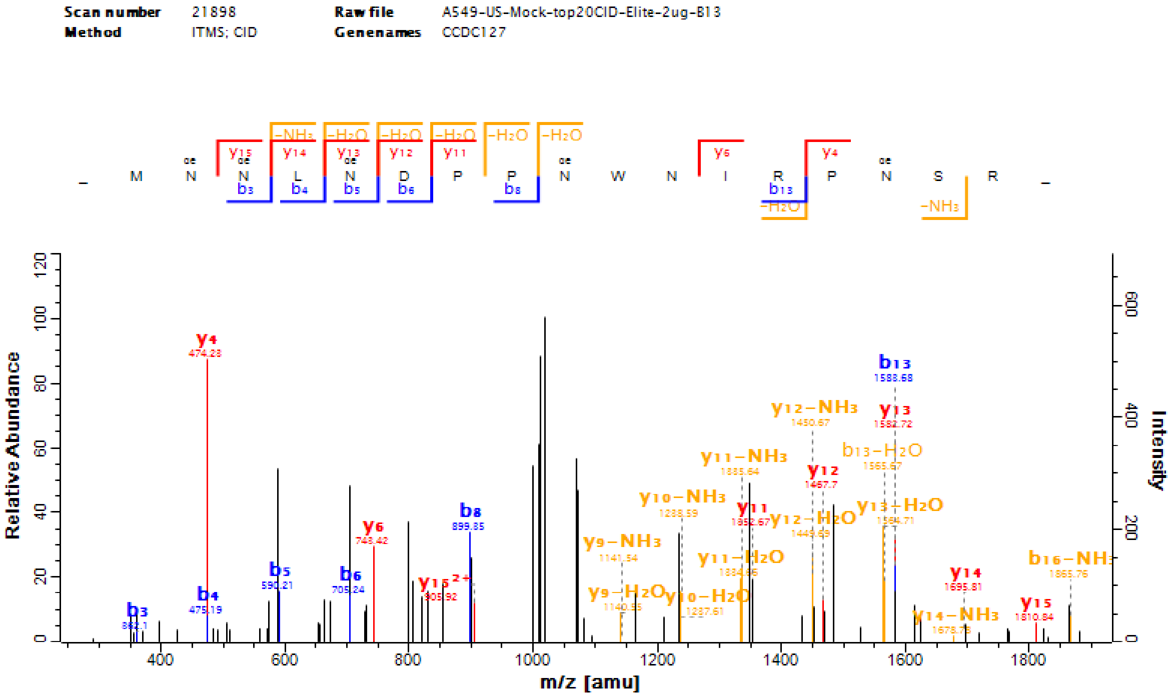
Protein Group ID: 662
Protein Accession Numbers: D3YTE6; H0YN69; Q6PKH6-2; Q6PKH6; E9PFL3; F5H660; Q6E0Y0
Gene Names: DHRS4L2
Peptide Sequence: LHGGIDILVSNAAVNPFFGSLMDVTEEVWDK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 63.724
Best Match Posterior Error Probability: 6.71E-05
Best Match Spectrum:



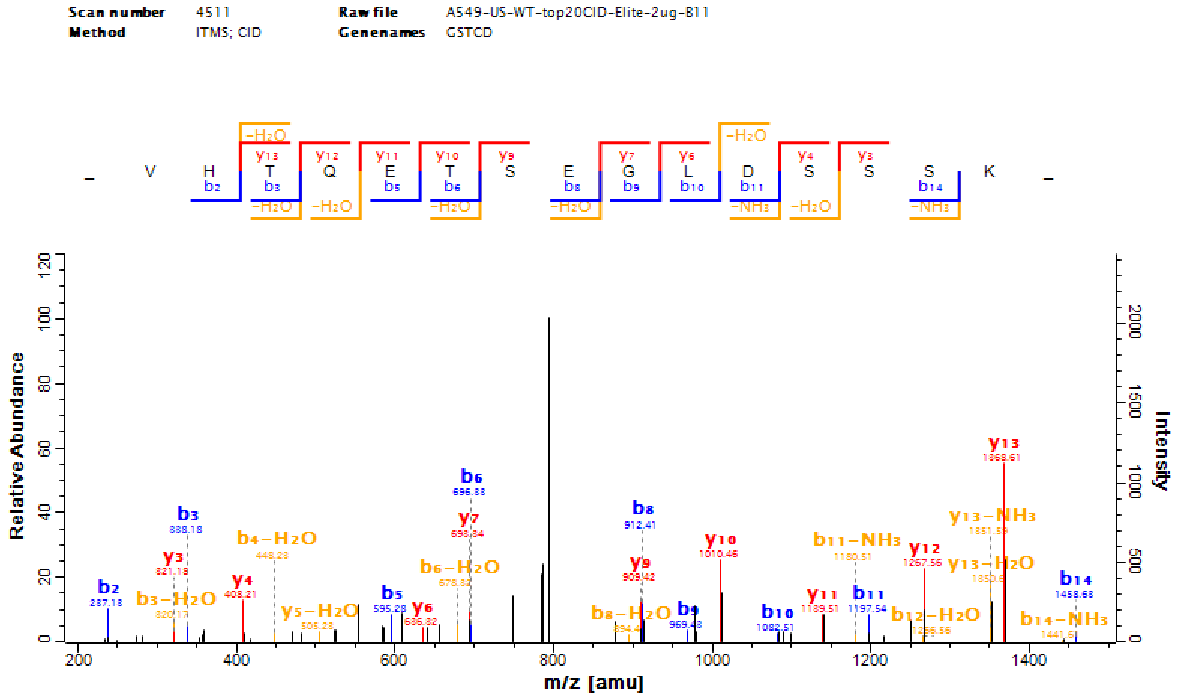
Protein Group ID: 665
Protein Accession Numbers: Q8TBZ6; D6R954
Gene Names: RG9MTD2
Peptide Sequence: QGINEDQEESQKPR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 113.76
Best Match Posterior Error Probability: 0.00057829
Best Match Spectrum:



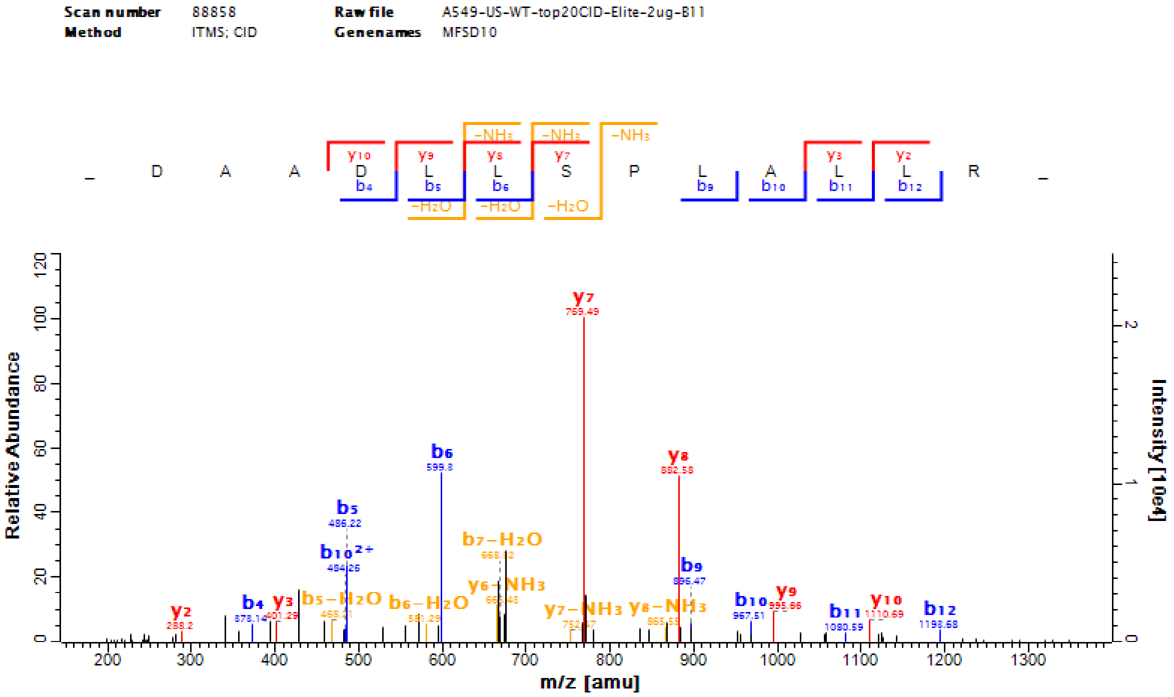
Protein Group ID: 670
Protein Accession Numbers: Q96BQ5; D6R9R2
Gene Names: CCDC127
Peptide Sequence: MNNLNDPPNWNIRPNSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 107.5
Best Match Posterior Error Probability: 0.0004282
Best Match Spectrum:



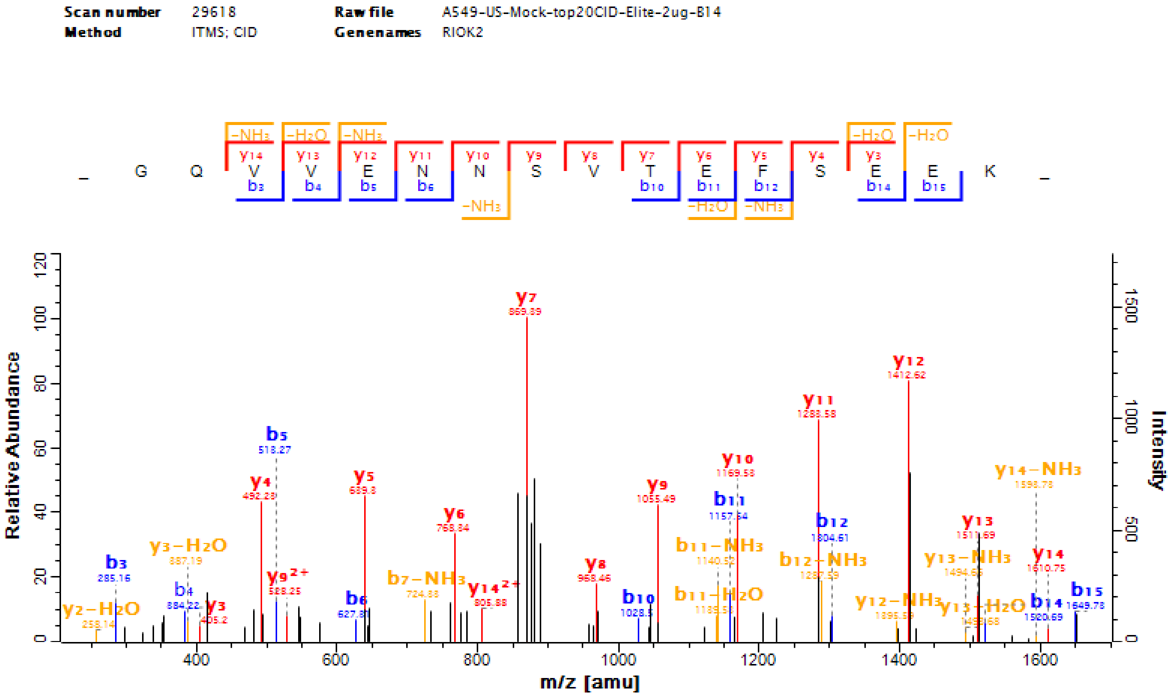
Protein Group ID: 671
Protein Accession Numbers: Q8NEC7; Q8NEC7-3; D6R9W2
Gene Names: GSTCD
Peptide Sequence: VHTQETSEGLDSSSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 115.38
Best Match Posterior Error Probability: 8.87E-05
Best Match Spectrum:



Protein Group ID: 672
Protein Accession Numbers: D6RE79; Q14728; D6RA47; D6RIZ4
Gene Names: MFSD10
Peptide Sequence: DAADLLSPLALLR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 100.38
Best Match Posterior Error Probability: 0.00050349
Best Match Spectrum:

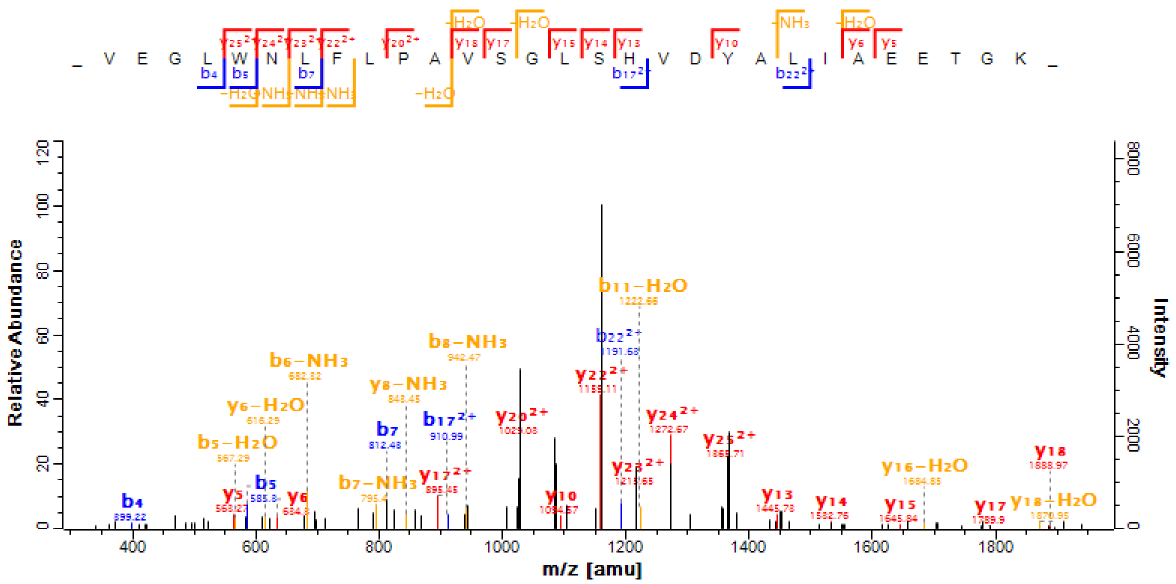


Protein Group ID: 683
Protein Accession Numbers: Q9BVS4; D6RDI3; H0Y919
Gene Names: RIOK2
Peptide Sequence: GQVVENNSVTEFSEEK
Total Number of Spectra: 7
Number of Replicates (out of 8): 5
Best Match Score: 180.64
Best Match Posterior Error Probability: 2.64E-20
Best Match Spectrum:

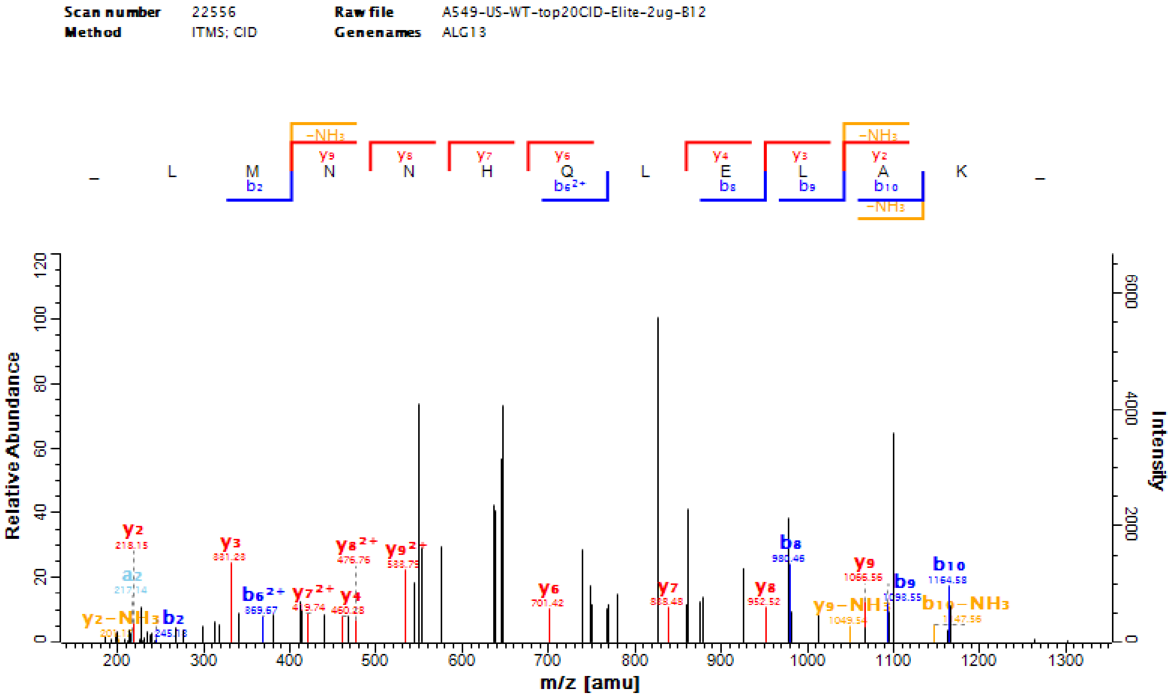


Protein Group ID: 684
Protein Accession Numbers: Q709F0; Q709F0-2; Q709F0-3; D6RDI8
Gene Names: ACAD11
Peptide Sequence: VEGLWNLFLPAVSGLSHVDYALIAEETGK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 61.417
Best Match Posterior Error Probability: 0.00033224
Best Match Spectrum:

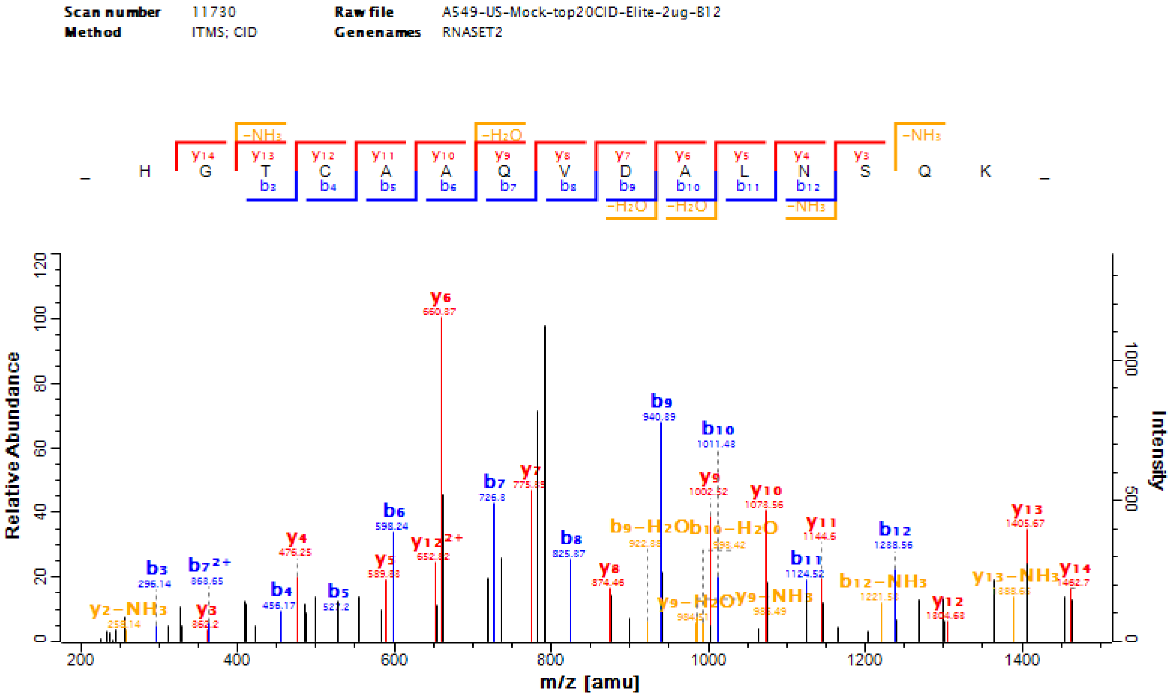
Scan number 93990 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** ACAD11



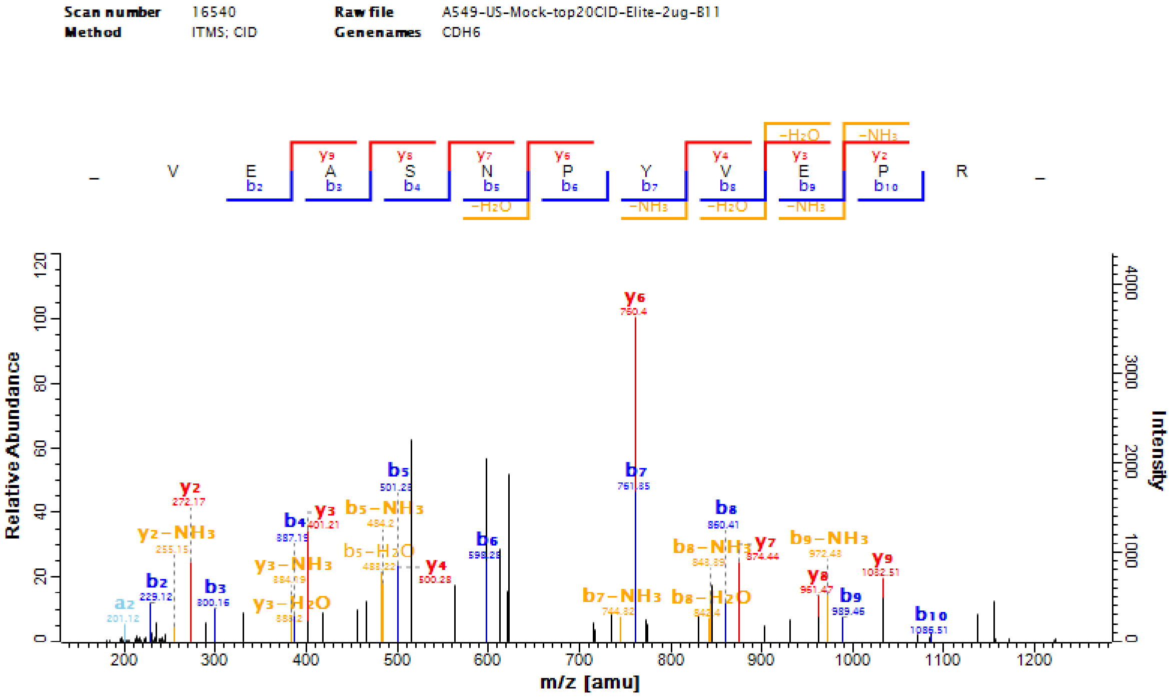
Protein Group ID: 686
Protein Accession Numbers: Q9NP73; Q9NP73-3; D6RE84; Q9NP73-2
Gene Names: ALG13
Peptide Sequence: LMNNHQLELAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.266
Best Match Posterior Error Probability: 0.0015539
Best Match Spectrum:



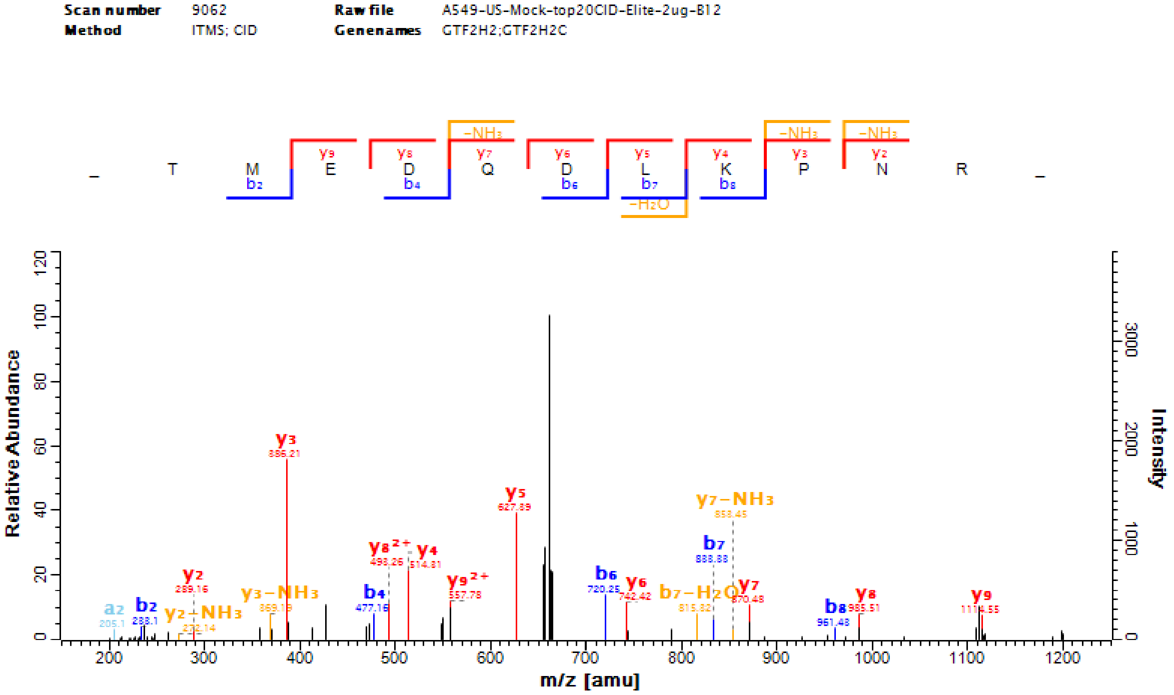
Protein Group ID: 688
Protein Accession Numbers: O00584; D6RHI9; D6REQ6; H0YAE9
Gene Names: RNASET2
Peptide Sequence: HGTCAAQVDALNSQK
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 149.99
Best Match Posterior Error Probability: 8.66E-07
Best Match Spectrum:



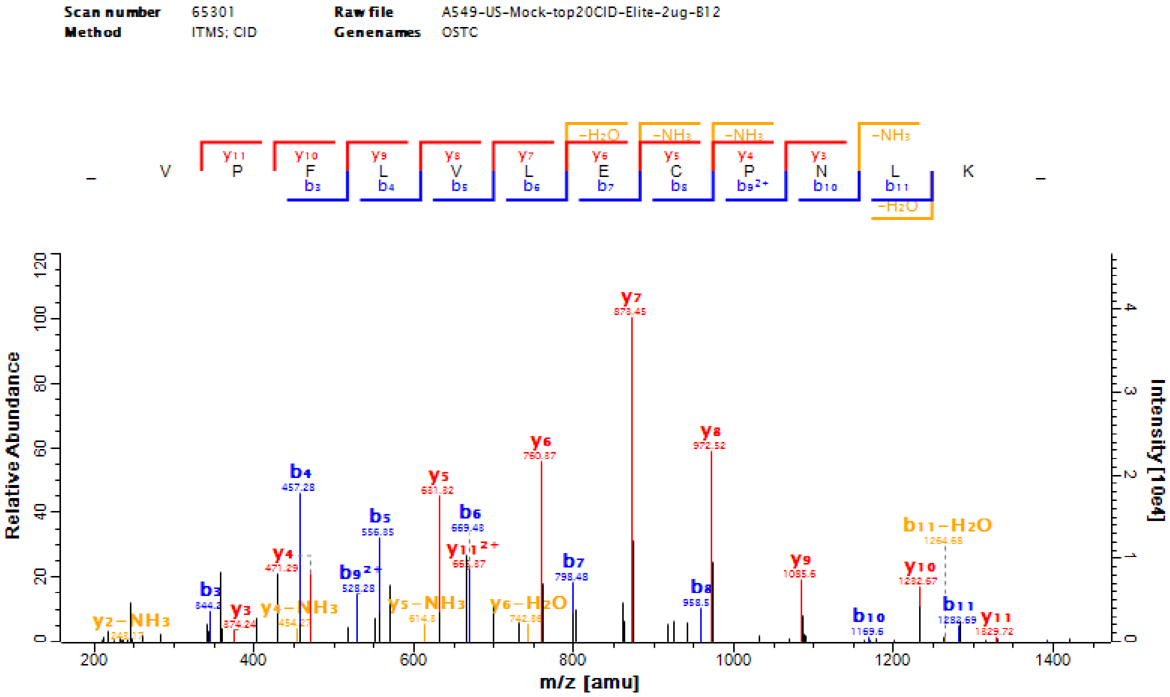
Protein Group ID: 692
Protein Accession Numbers: P55285; P55285-2; D6RF86
Gene Names: CDH6
Peptide Sequence: VEASNPYVEPR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 162.49
Best Match Posterior Error Probability: 1.17E-05
Best Match Spectrum:



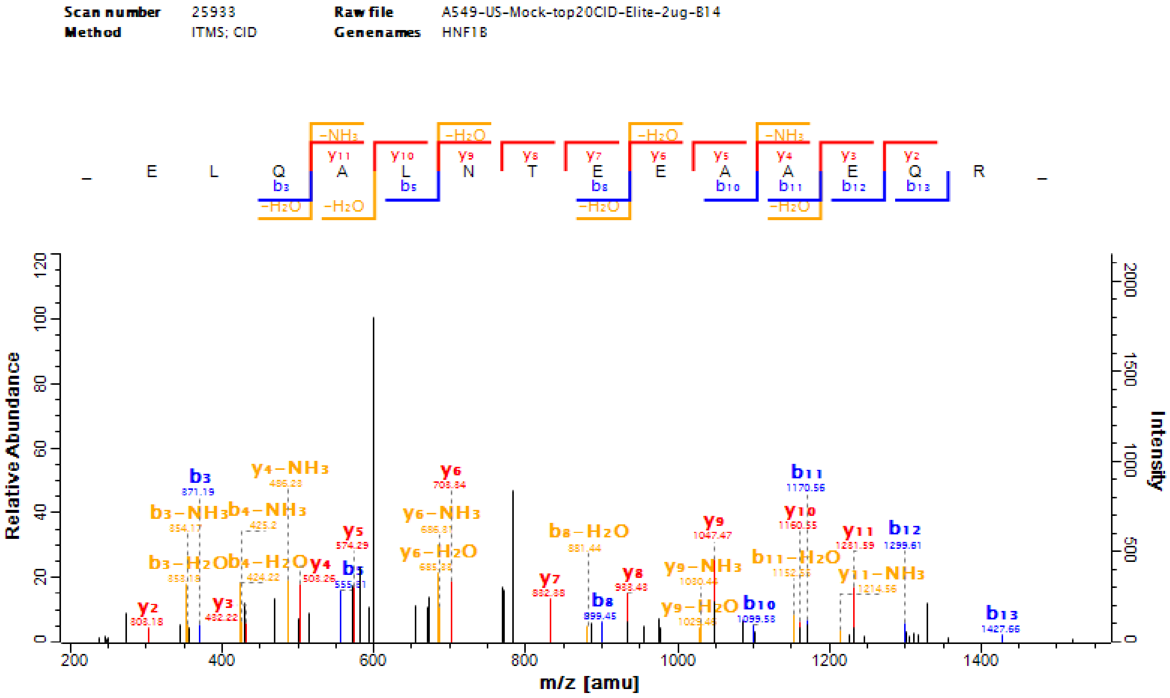
Protein Group ID: 697
Protein Accession Numbers: Q13888; Q6P1K8; F5GZM1; J3KQC7; D6RID8; D6RJD3; D6RGC9; D6RIT7
Gene Names: GTF2H2;GTF2H2C
Peptide Sequence: TMEDQDLKPNR
Total Number of Spectra: 7
Number of Replicates (out of 8): 6
Best Match Score: 133.07
Best Match Posterior Error Probability: 6.24E-06
Best Match Spectrum:



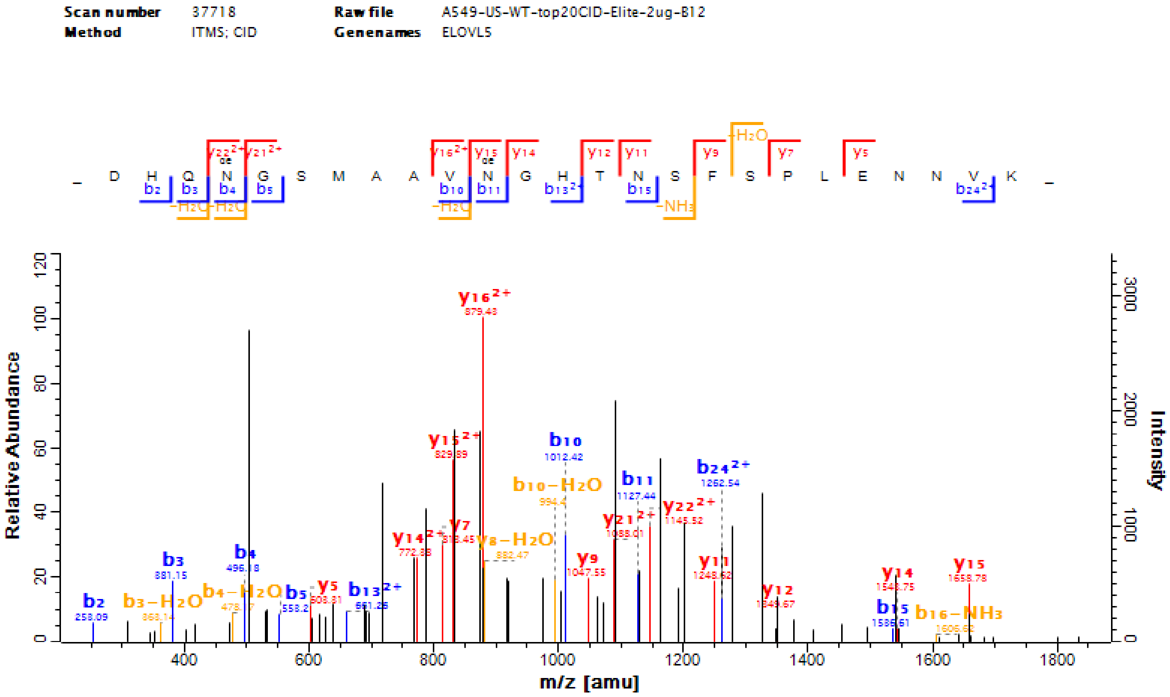
Protein Group ID: 699
Protein Accession Numbers: D6RH22; Q9NRP0
Gene Names: OSTC
Peptide Sequence: VPFLVLECPNLK
Total Number of Spectra: 11
Number of Replicates (out of 8): 8
Best Match Score: 136.53
Best Match Posterior Error Probability: 7.56E-05
Best Match Spectrum:



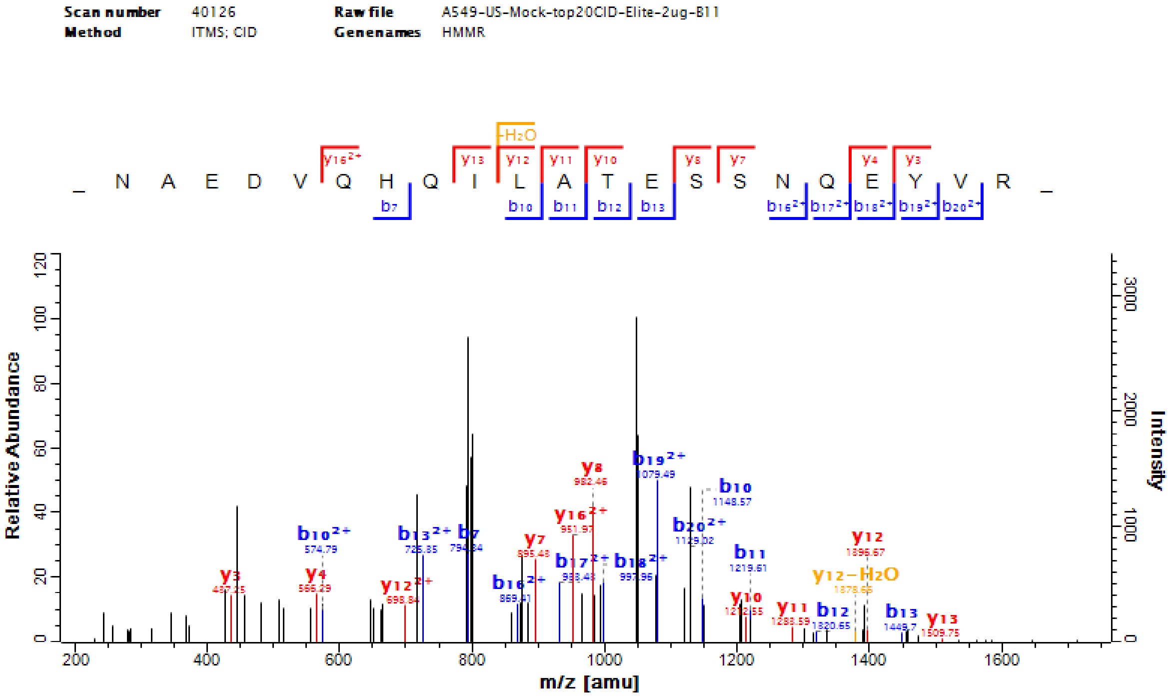
Protein Group ID: 703
Protein Accession Numbers: P35680; H0YL84; P35680-2; E0YMJ9; P35680-3
Gene Names: HNF1B
Peptide Sequence: ELQALNTEEAAEQR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 158.93
Best Match Posterior Error Probability: 2.05E-09
Best Match Spectrum:



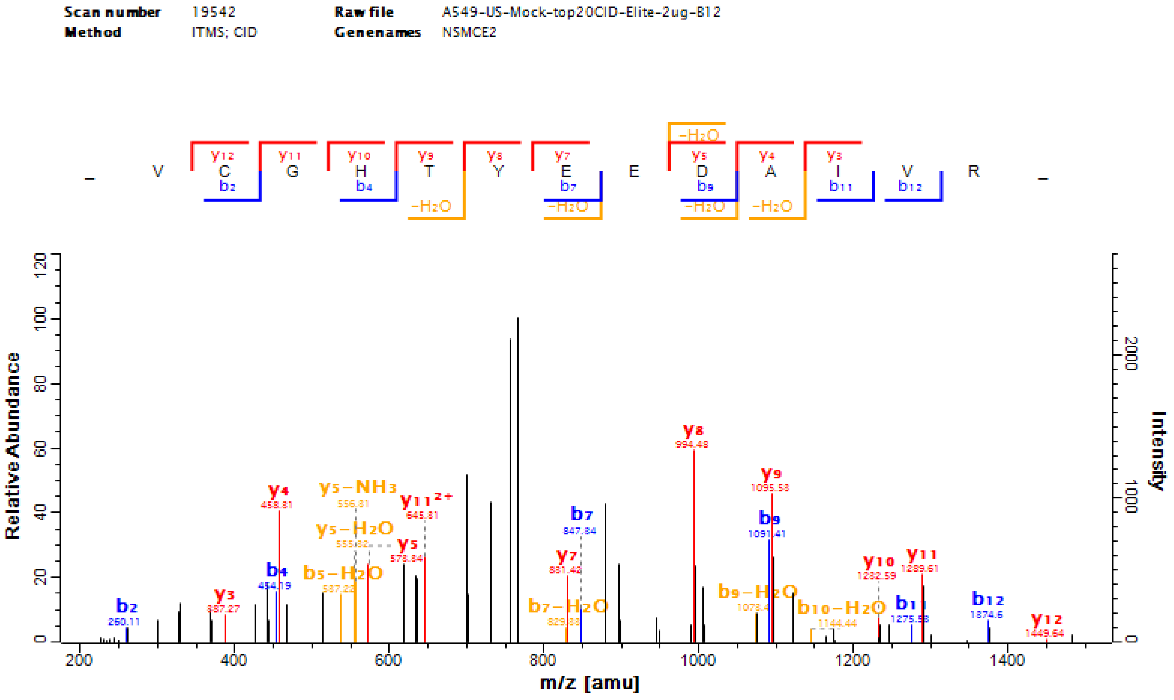
Protein Group ID: 705
Protein Accession Numbers: F6SH78; Q9NYP7; E2QRH7
Gene Names: ELOVL5
Peptide Sequence: DHQNGSMAAVNGHTNSFSPLENNVK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 83.602
Best Match Posterior Error Probability: 0.00073784
Best Match Spectrum:



Protein Group ID: 707
Protein Accession Numbers: O75330-3; O75330; O75330-2; O75330-4; E3W978
Gene Names: HMMR
Peptide Sequence: NAEDVQHQILATESSNQEYVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 88.574
Best Match Posterior Error Probability: 9.80E-05
Best Match Spectrum:

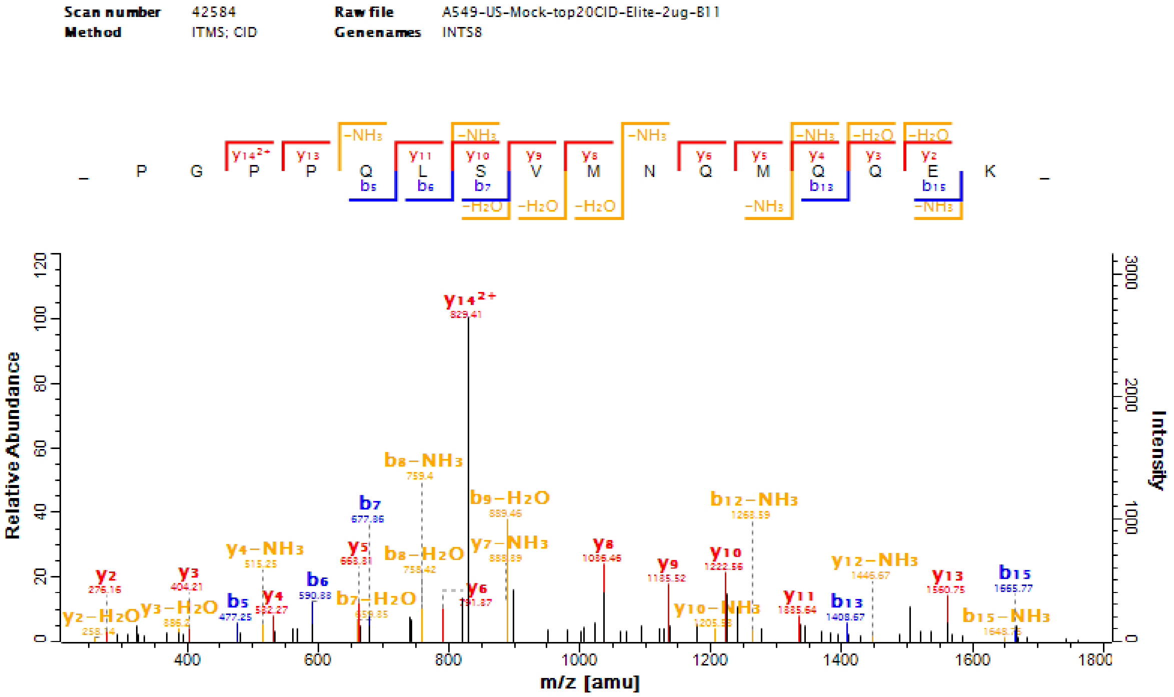


Protein Group ID: 710
Protein Accession Numbers: Q96MF7; E5RFJ1
Gene Names: NSMCE2
Peptide Sequence: VCGHTYEEDAIVR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 113.99
Best Match Posterior Error Probability: 0.00025087
Best Match Spectrum:

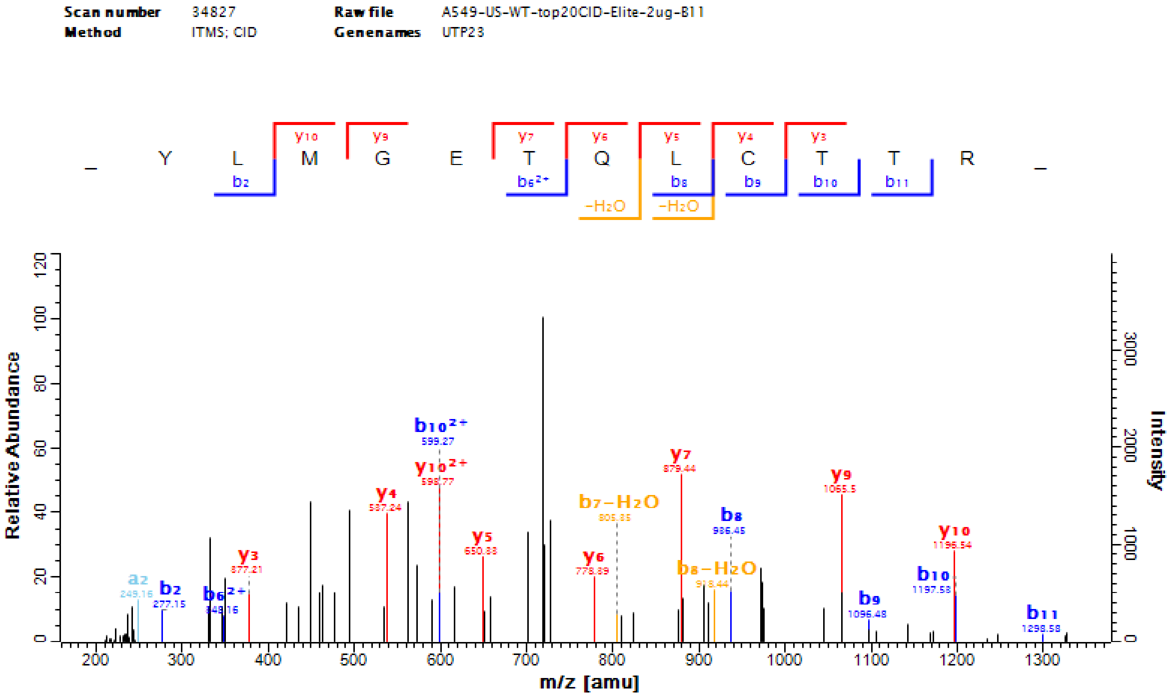


Scan number 19542
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B12
Genenames NSMCE2

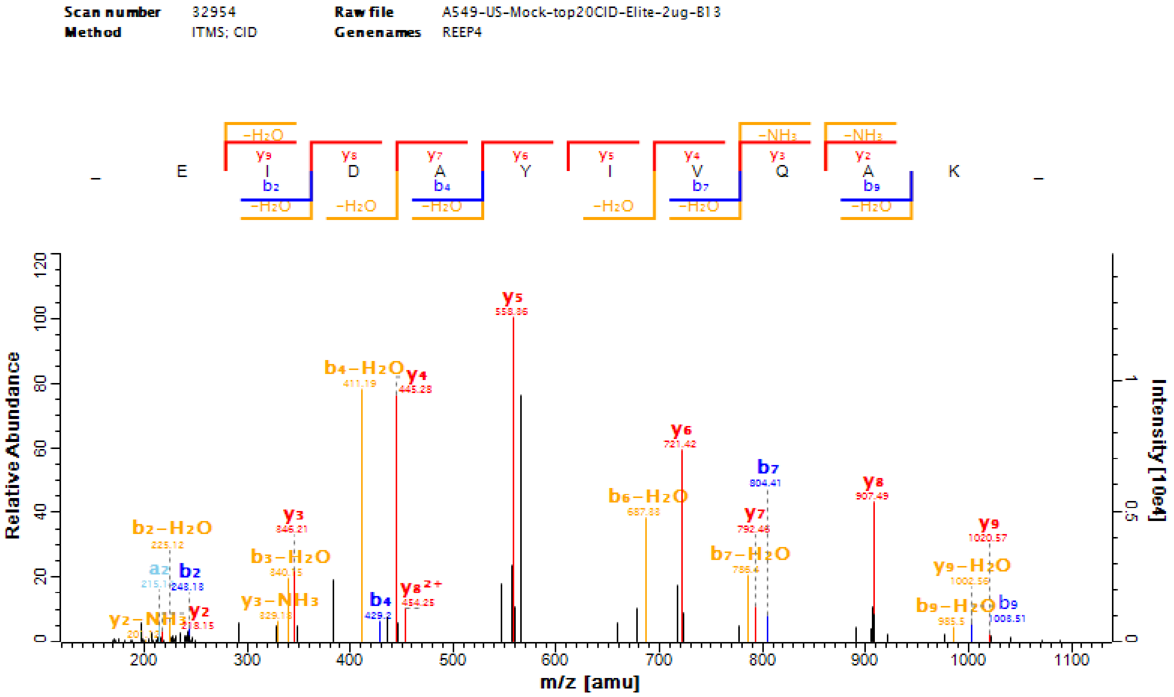
Protein Group ID: 712
Protein Accession Numbers: Q75QN2; Q75QN2-2; J3KNV5; E5RG48; E5RIN8; H0YBQ1; E5RJF0; E5RJL5
Gene Names: INTS8
Peptide Sequence: PGPPQLSVMNQMQQEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 118.47
Best Match Posterior Error Probability: 0.00017722
Best Match Spectrum:



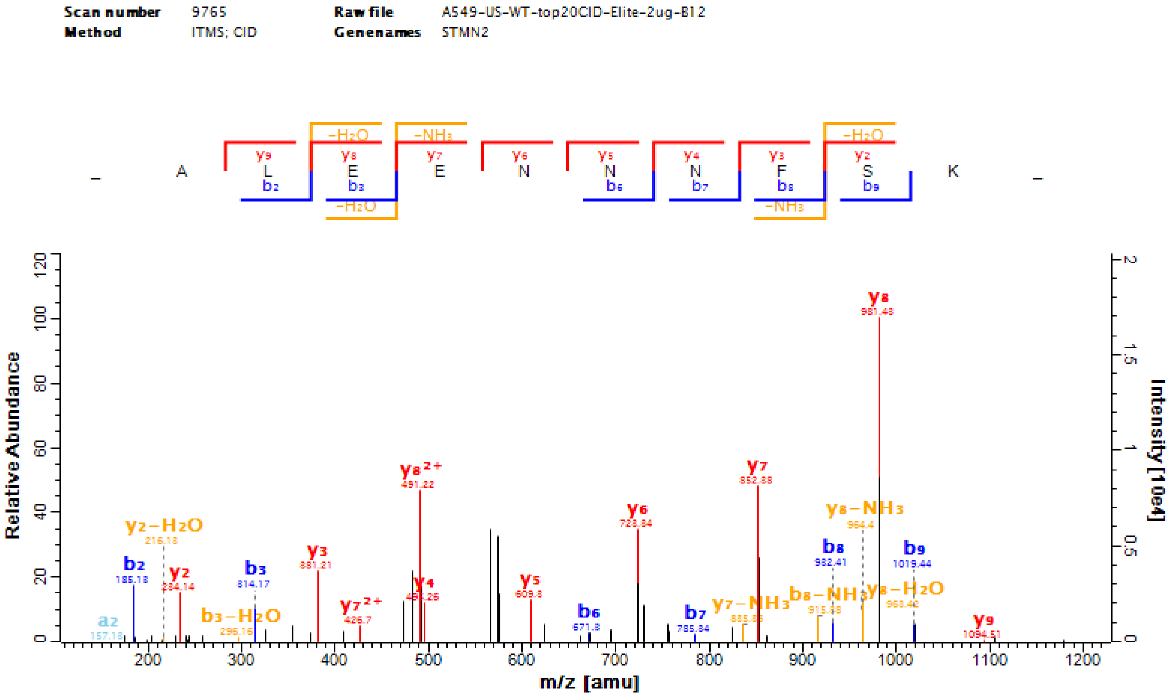
Protein Group ID: 714
Protein Accession Numbers: Q9BRU9; E5RGP0; Q9BRU9-2; G3XAM4
Gene Names: UTP23
Peptide Sequence: YLMGETQLCTTR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 90.731
Best Match Posterior Error Probability: 0.0013583
Best Match Spectrum:



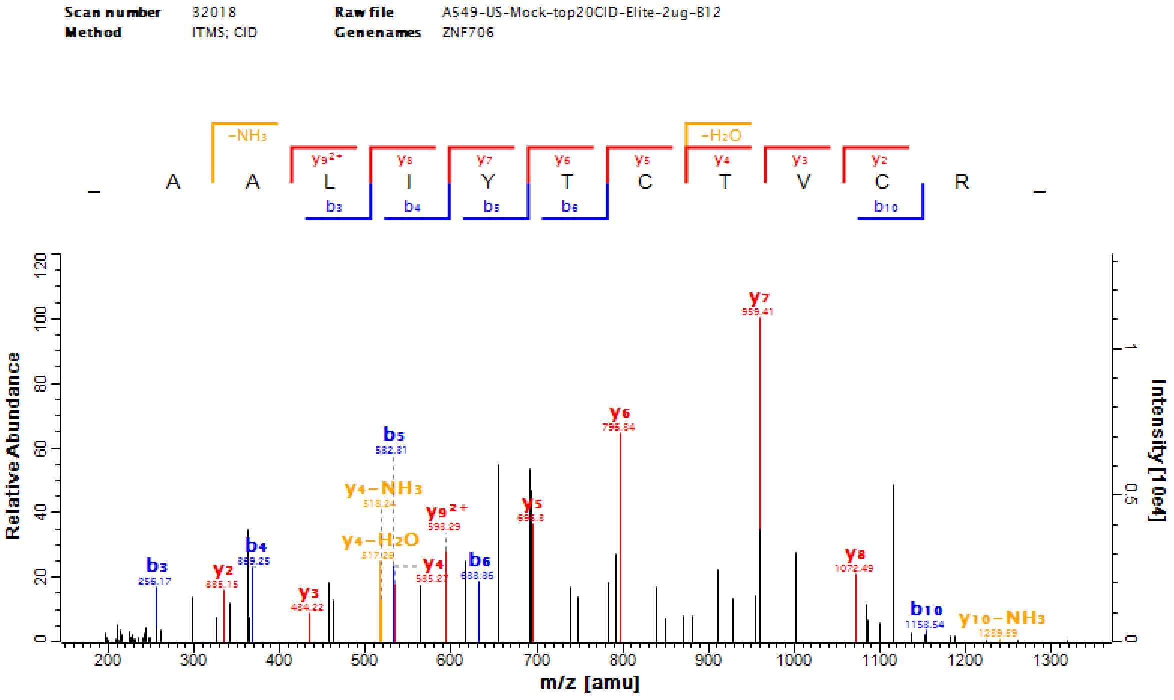
Protein Group ID: 715
Protein Accession Numbers: Q9H6H4; E5RGS2; E5RJV5; Q9H6H4-2
Gene Names: REEP4
Peptide Sequence: EIDAYIVQAK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 137.95
Best Match Posterior Error Probability: 1.07E-05
Best Match Spectrum:



Protein Group ID: 718
Protein Accession Numbers: Q93045-2; Q93045; E5RGX5
Gene Names: STMN2
Peptide Sequence: ALEENNNFSK
Total Number of Spectra: 16
Number of Replicates (out of 8): 8
Best Match Score: 134.3
Best Match Posterior Error Probability: 7.36E-06
Best Match Spectrum:

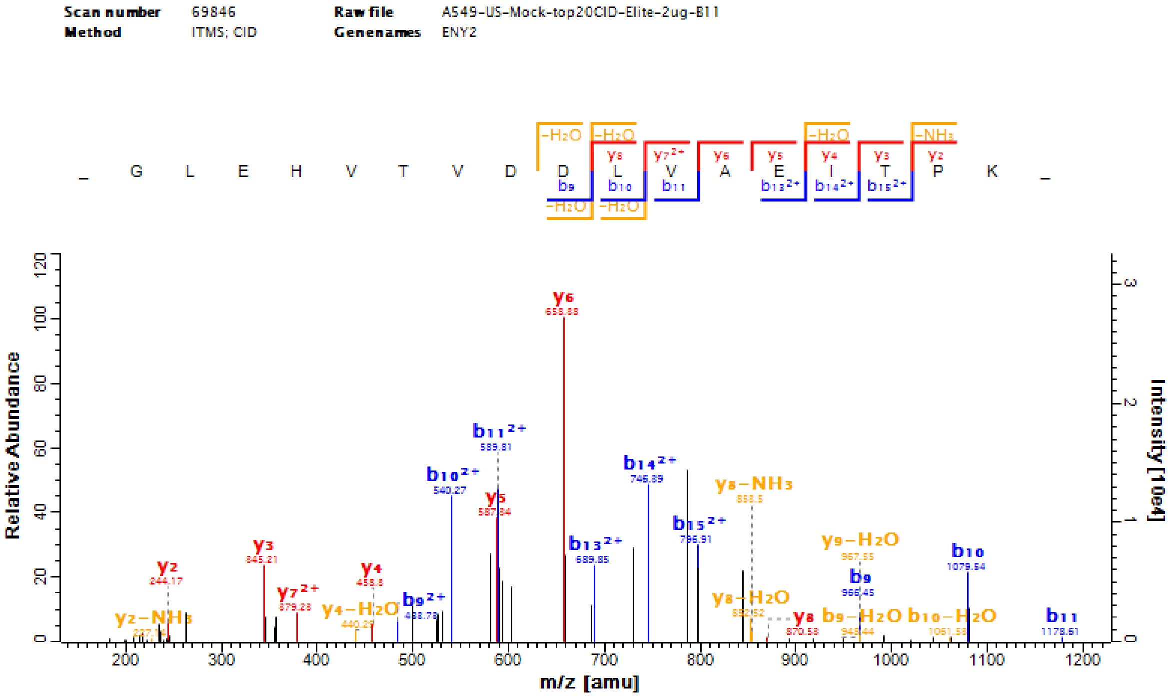


Protein Group ID: 721
Protein Accession Numbers: Q9Y5V0; E5RHR6; H0YAP1; E5RHV4
Gene Names: ZNF706
Peptide Sequence: AALIYTCTVCR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 87.568
Best Match Posterior Error Probability: 0.0017303
Best Match Spectrum:

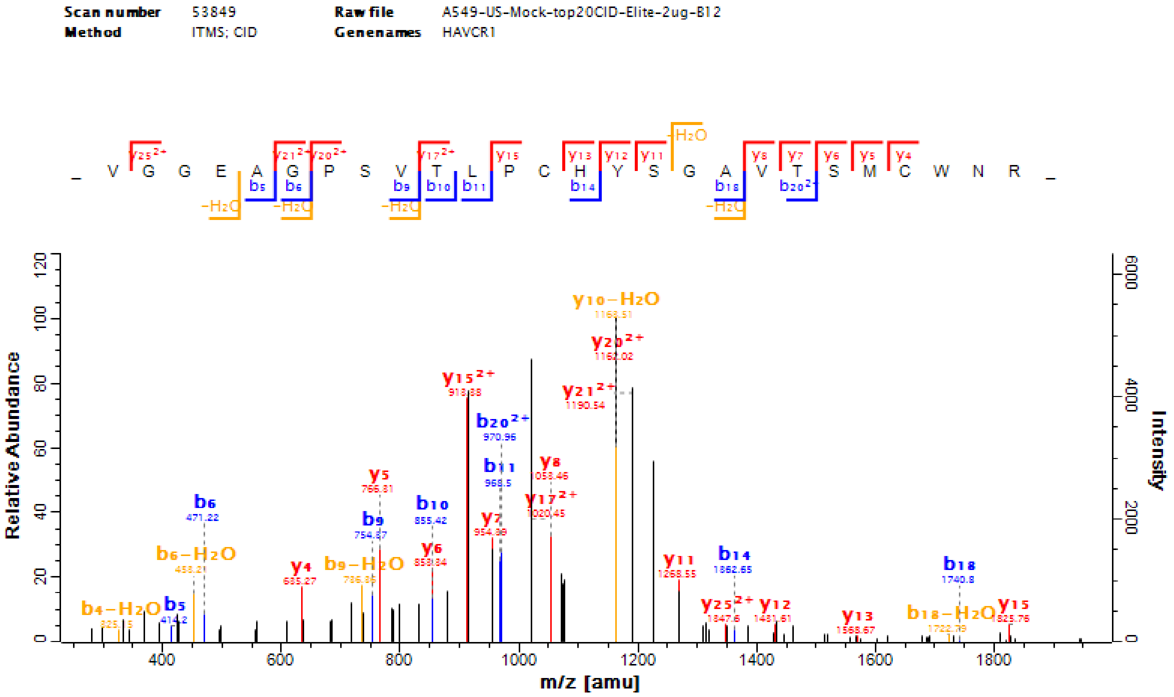


Scan number 32018 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** ZNF706

Protein Group ID: 724
Protein Accession Numbers: Q9NPA8; E5RHX8; G3V117
Gene Names: ENY2
Peptide Sequence: GLEHVTVDDLVAEITPK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 118.52
Best Match Posterior Error Probability: 0.00011484
Best Match Spectrum:

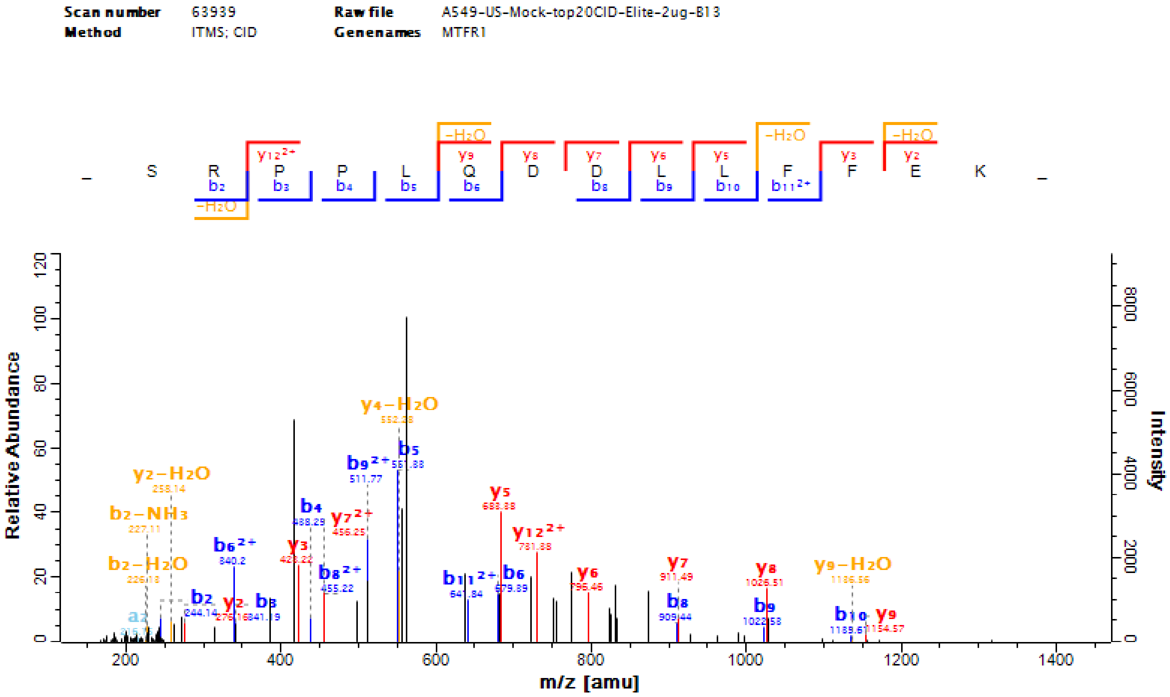


Protein Group ID: 726
Protein Accession Numbers: E9PFX0; Q96D42; E5RIF6
Gene Names: HAVCR1
Peptide Sequence: VGGEAGPSVTLPCHYSGAVTSMCWNR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 91.238
Best Match Posterior Error Probability: 1.21E-05
Best Match Spectrum:

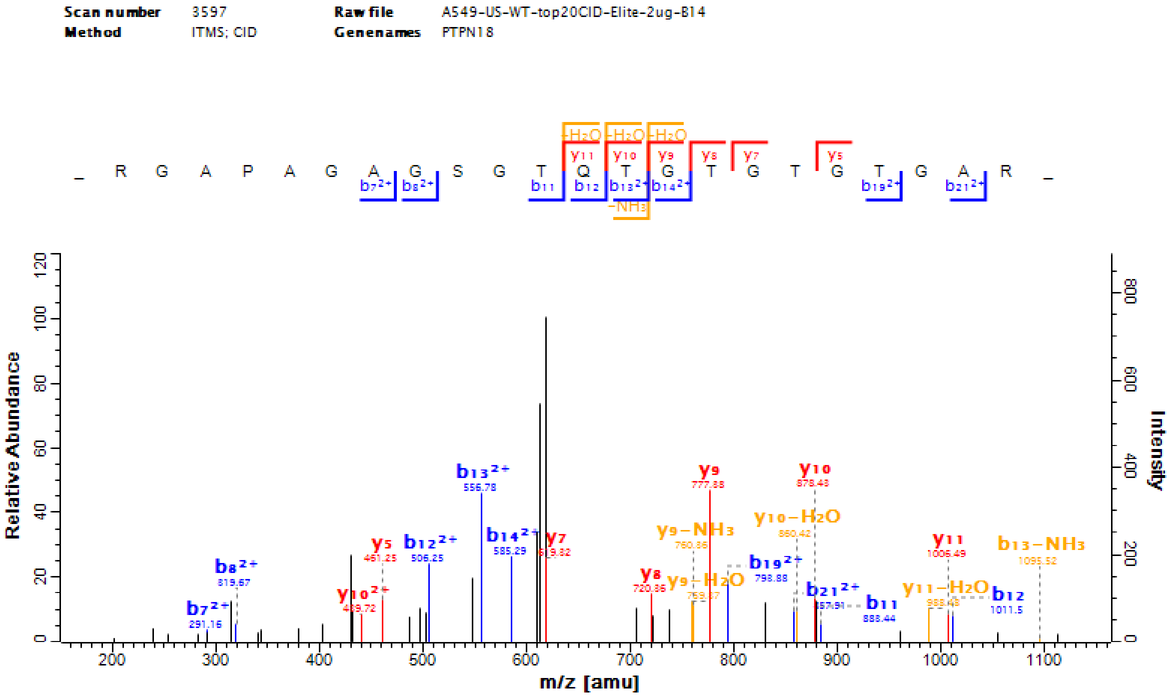


Scan number 53849 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** HAVCR1

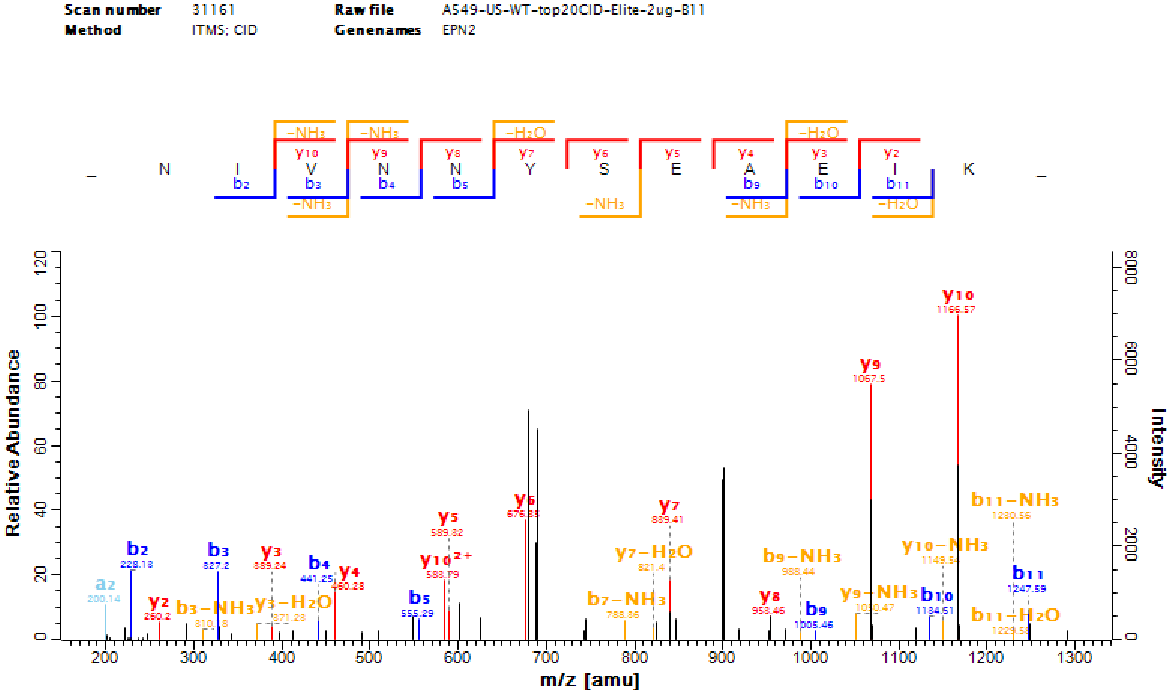
Protein Group ID: 732
Protein Accession Numbers: Q15390; E5RJS5; E7EP84; H0YBZ4
Gene Names: MTFR1
Peptide Sequence: SRPPLQDDLLFFEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 123.76
Best Match Posterior Error Probability: 0.00015484
Best Match Spectrum:



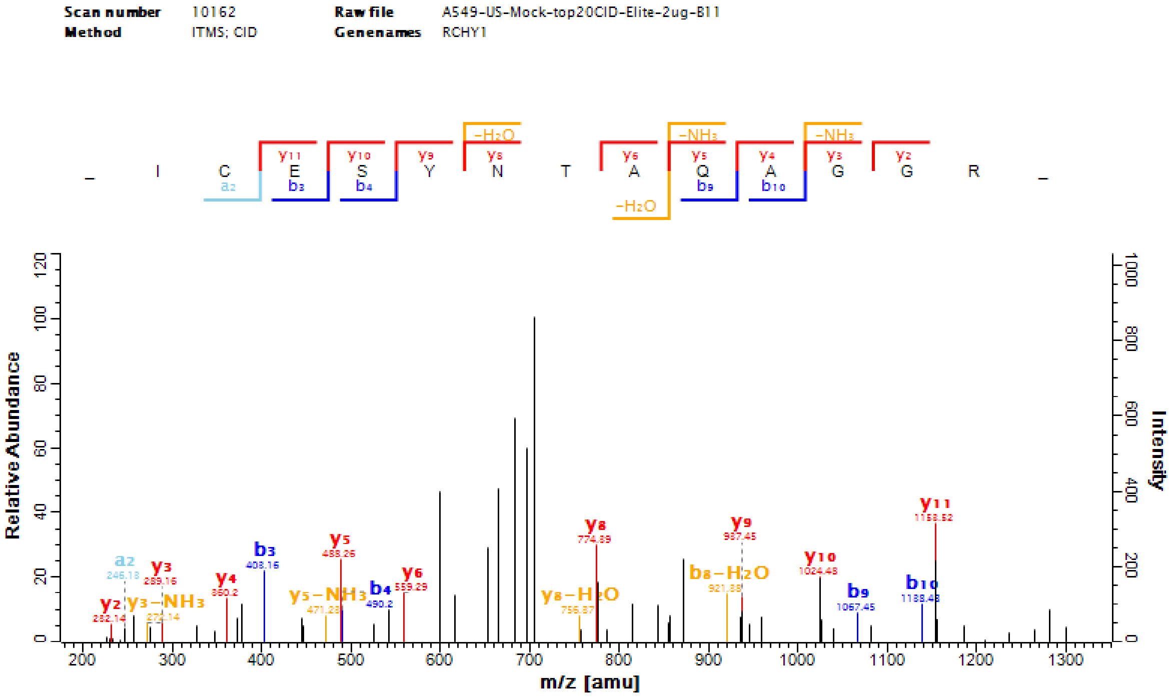
Protein Group ID: 736
Protein Accession Numbers: Q99952; E7EMB8; Q99952-2
Gene Names: PTPN18
Peptide Sequence: RGAPAGAGSGTQTGTGTGTGAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 65.085
Best Match Posterior Error Probability: 0.0033715
Best Match Spectrum:



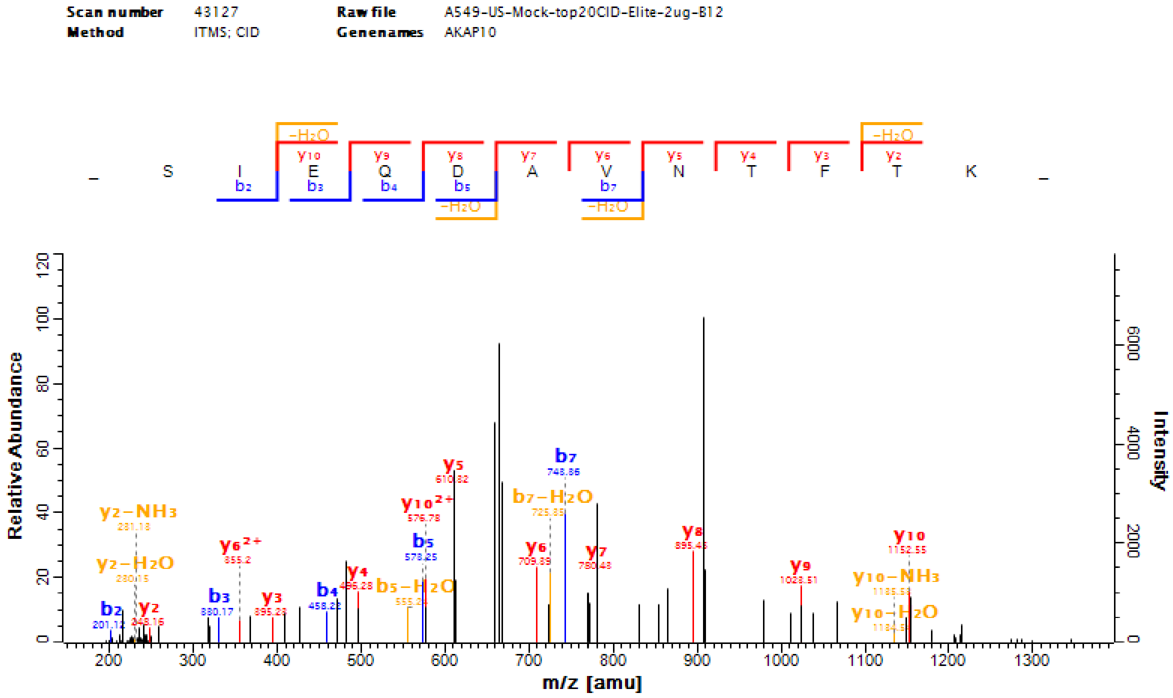
Protein Group ID: 737
Protein Accession Numbers: O95208; E9PBC2; O95208-2; I3L2B2; E7EMC3; E9PBC1; F6PQP6; J3QLN2; J3KSC7; J3KSA6; J3QRG9; J3KTF6; J3KSF8
Gene Names: EPN2
Peptide Sequence: NIVNNYSEAEIK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 155.86
Best Match Posterior Error Probability: 6.66E-07
Best Match Spectrum:



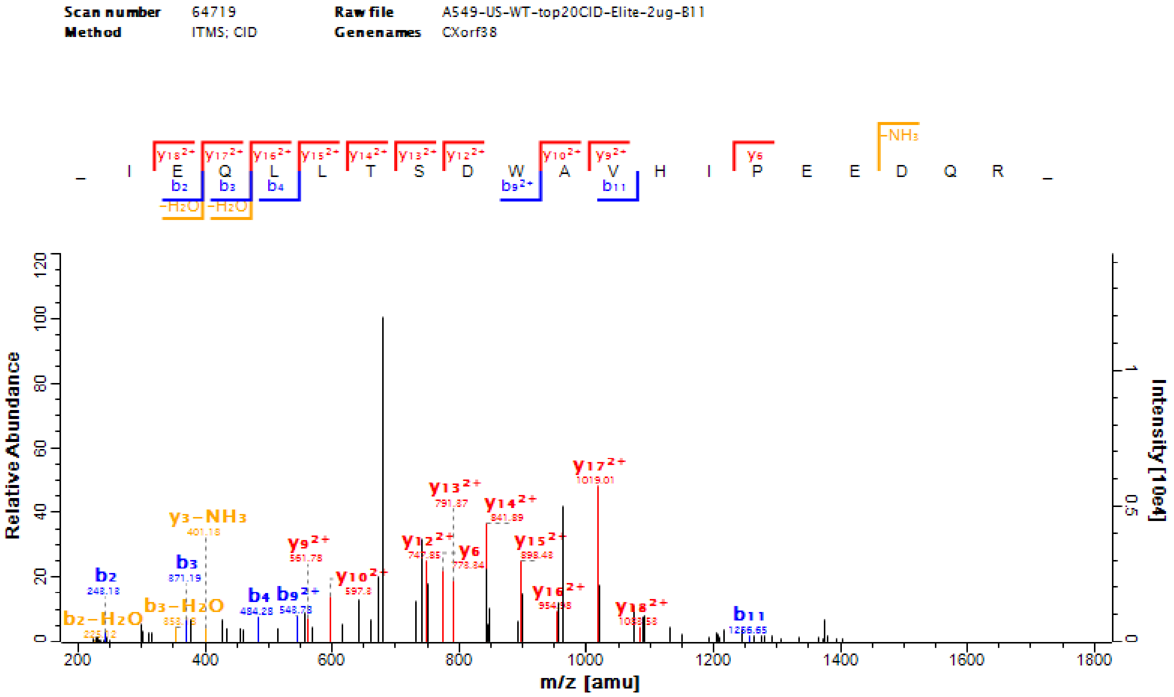
Protein Group ID: 738
Protein Accession Numbers: Q96PM5; Q96PM5-2; E7ETW5; J3KPI0; E7EMC8
Gene Names: RCHY1
Peptide Sequence: ICESYNTAQAGGR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 111.12
Best Match Posterior Error Probability: 0.00030214
Best Match Spectrum:



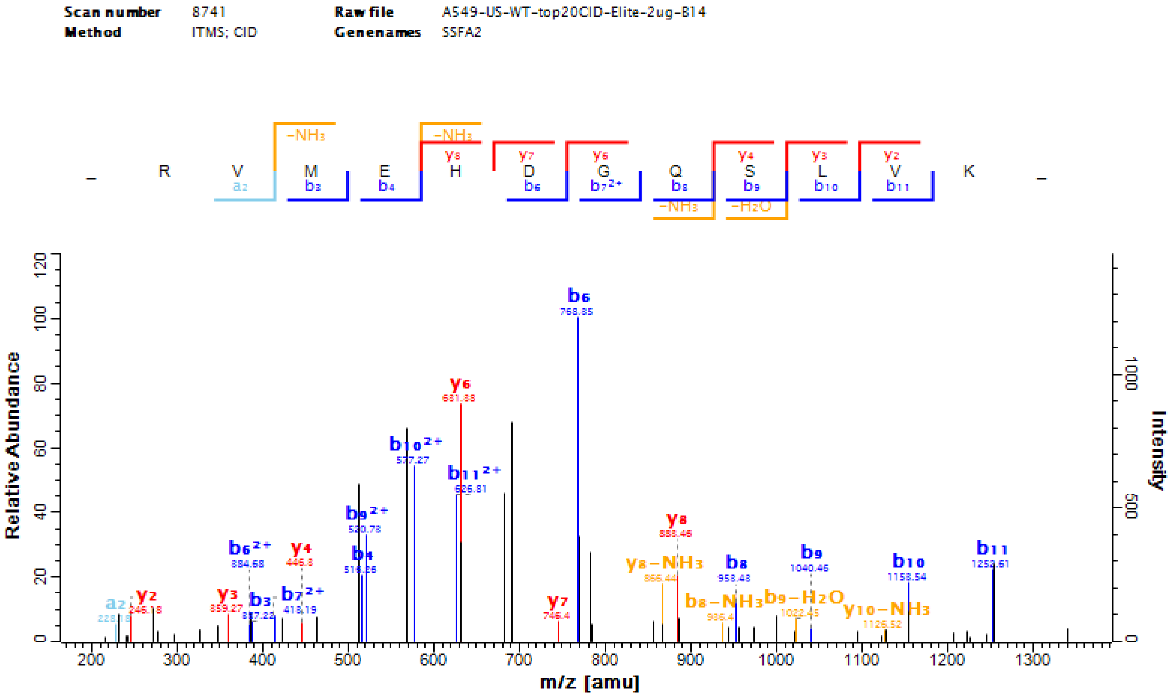
Protein Group ID: 739
Protein Accession Numbers: O43572; E7EMD6
Gene Names: AKAP10
Peptide Sequence: SIEQDAVNTFTK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 98.337
Best Match Posterior Error Probability: 0.00059274
Best Match Spectrum:



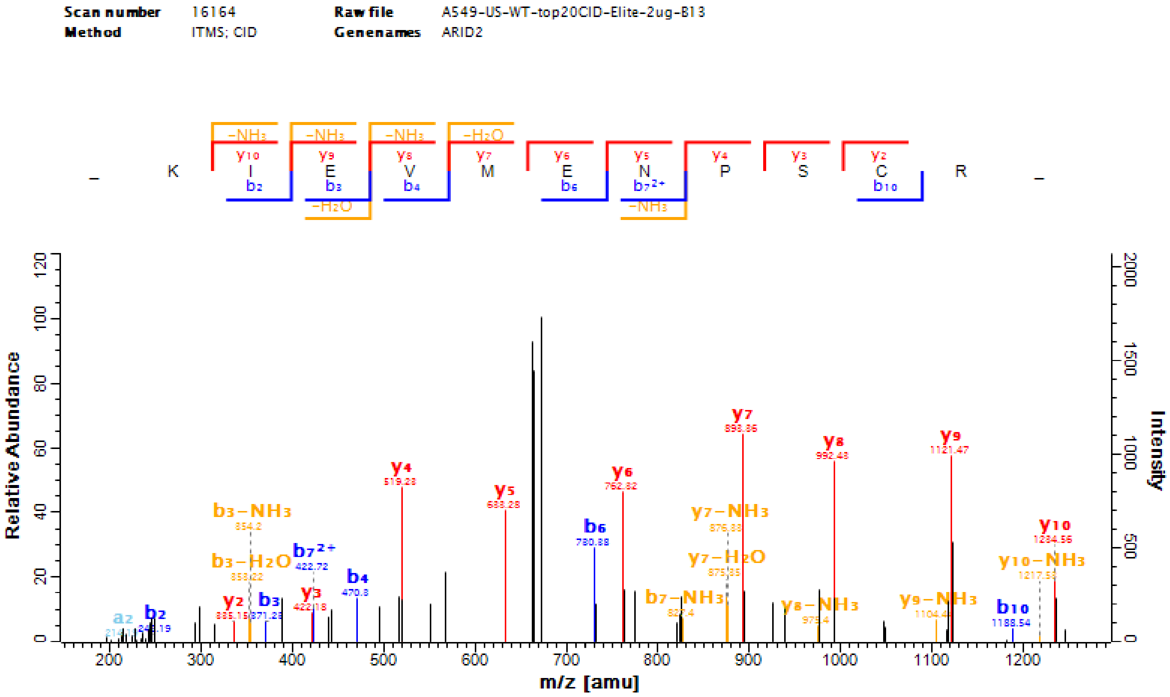
Protein Group ID: 749
Protein Accession Numbers: Q8TB03; E7EN46; Q8TB03-2
Gene Names: CXorf38
Peptide Sequence: IEQLLTSDWAVHIPEEDQR
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 67.646
Best Match Posterior Error Probability: 0.0033773
Best Match Spectrum:



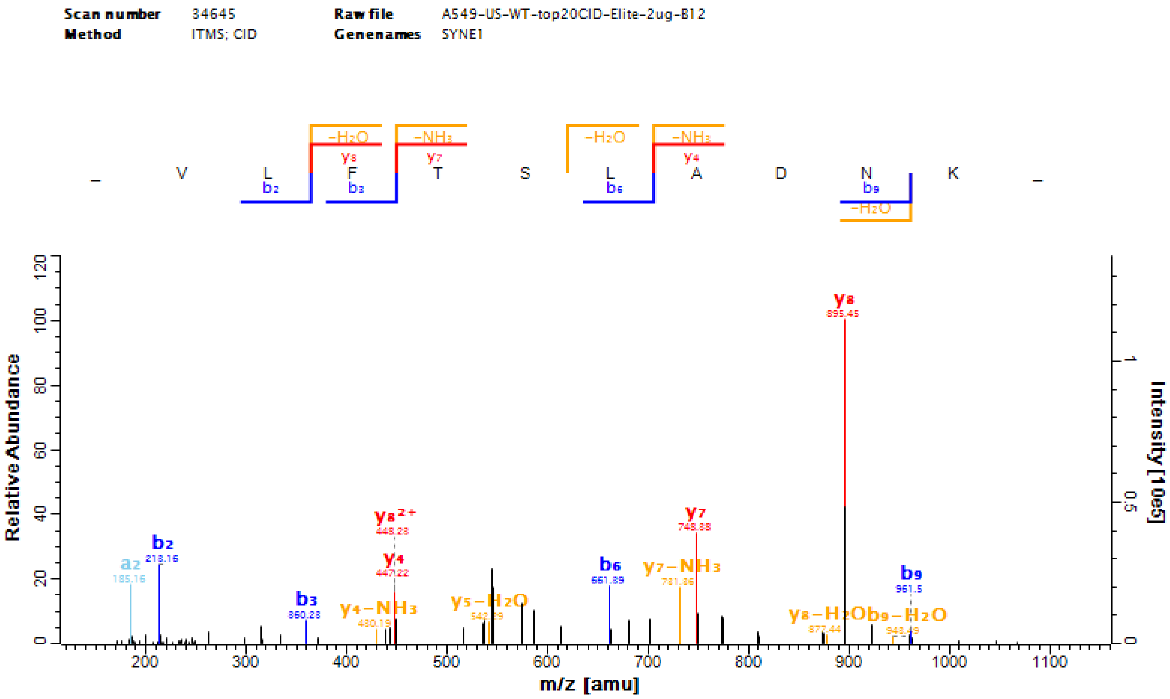
Protein Group ID: 751
Protein Accession Numbers: P28290; P28290-3; E9PHV5; P28290-2; E7END2; E7EUL7
Gene Names: SSFA2
Peptide Sequence: RVMEHDGQSLVK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 127.56
Best Match Posterior Error Probability: 0.00023681
Best Match Spectrum:



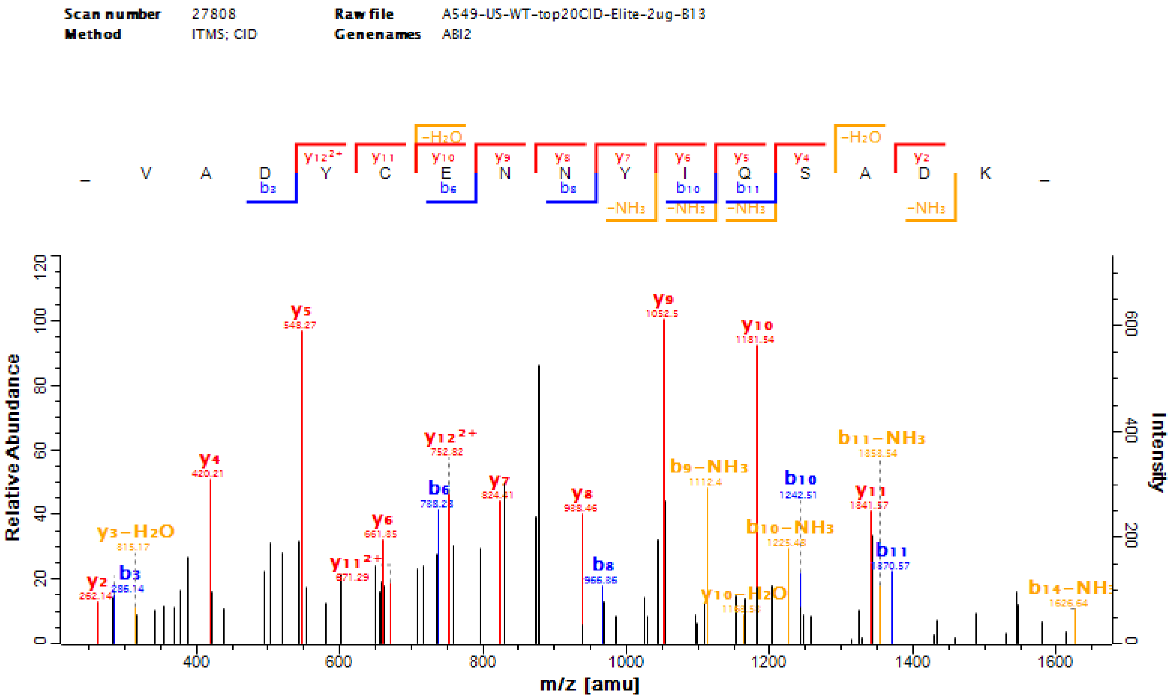
Protein Group ID: 754
Protein Accession Numbers: Q68CP9; Q68CP9-3; F8WCU9; F8W108; E7ENG3
Gene Names: ARID2
Peptide Sequence: KIEVMENPSCR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 114.24
Best Match Posterior Error Probability: 0.00025825
Best Match Spectrum:



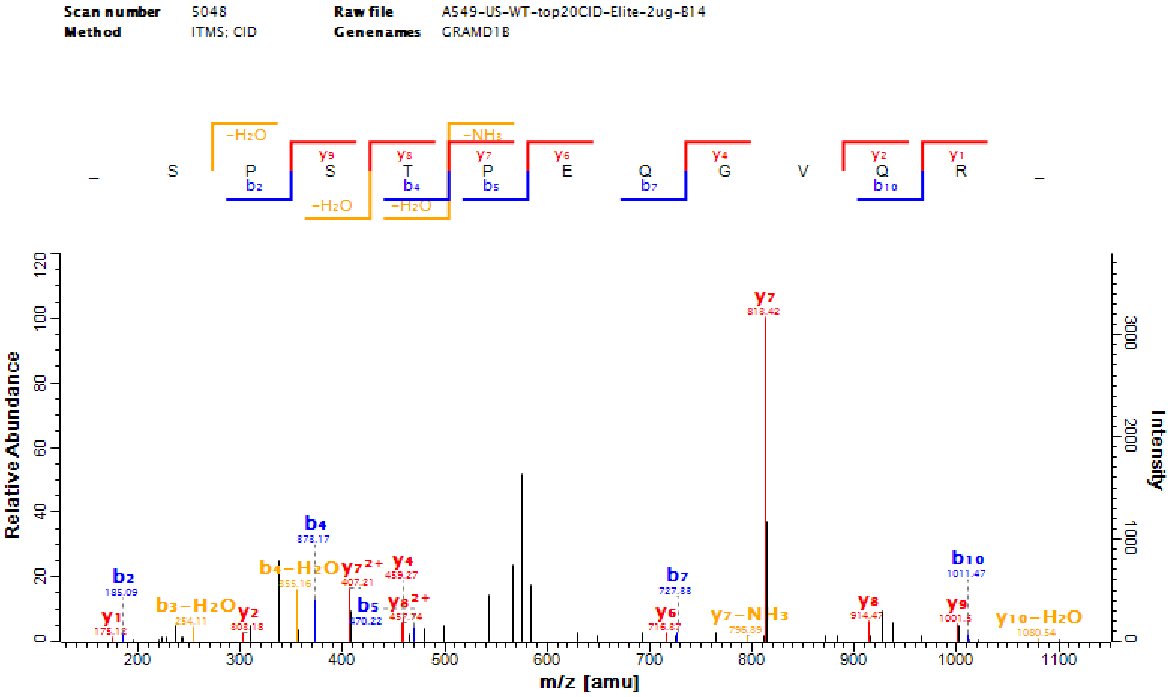
Protein Group ID: 756
Protein Accession Numbers: Q8NF91; E9PEL9; Q8NF91-4; E7ENN3; Q8NF91-2; Q8NF91-8
Gene Names: SYNE1
Peptide Sequence: VLFTSLADNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.247
Best Match Posterior Error Probability: 0.0020755
Best Match Spectrum:



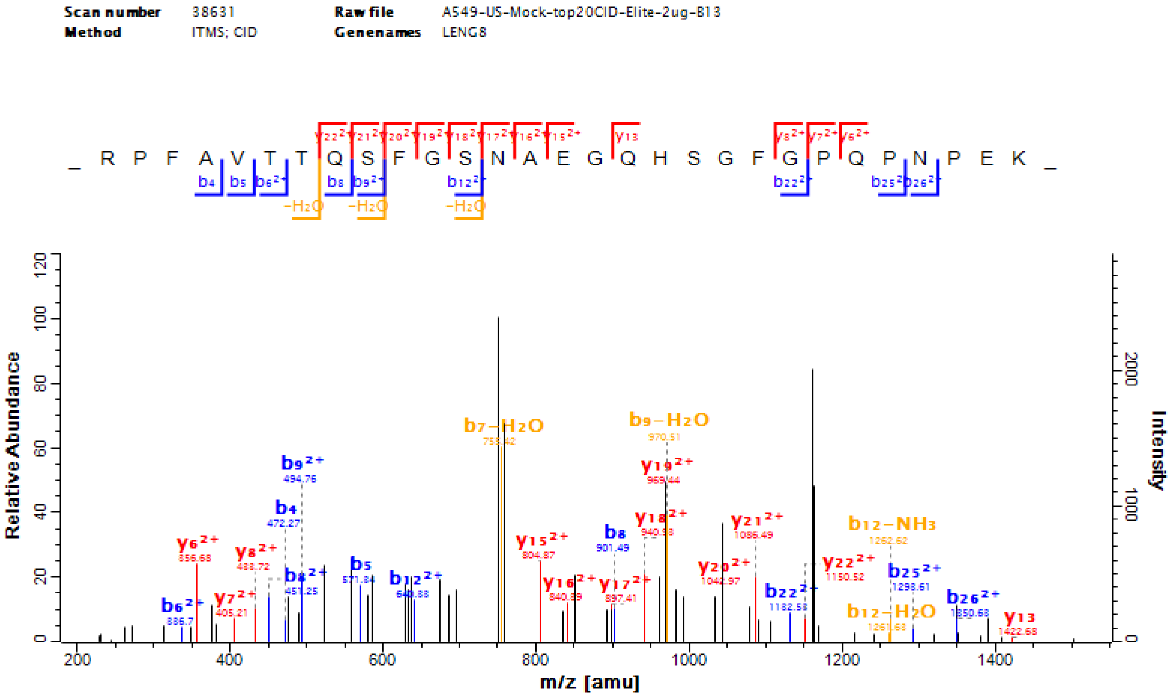
Protein Group ID: 760
Protein Accession Numbers: J3KNB2; Q9NYB9; Q9NYB9-4; E7EP65; E7EW77; Q9NYB9-2; E9PEZ7; F8WEB9; F8WAQ3; F8WBL5
Gene Names: ABI2
Peptide Sequence: VADYCENNYIQSADK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 97.836
Best Match Posterior Error Probability: 0.00028316
Best Match Spectrum:



Protein Group ID: 765
Protein Accession Numbers: E7EPH8; J3KNL5; Q3KR37; Q3KR37-2; E9PRD6
Gene Names: GRAMD1B
Peptide Sequence: SPSTPEQGVQR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 94.767
Best Match Posterior Error Probability: 0.00098239
Best Match Spectrum:

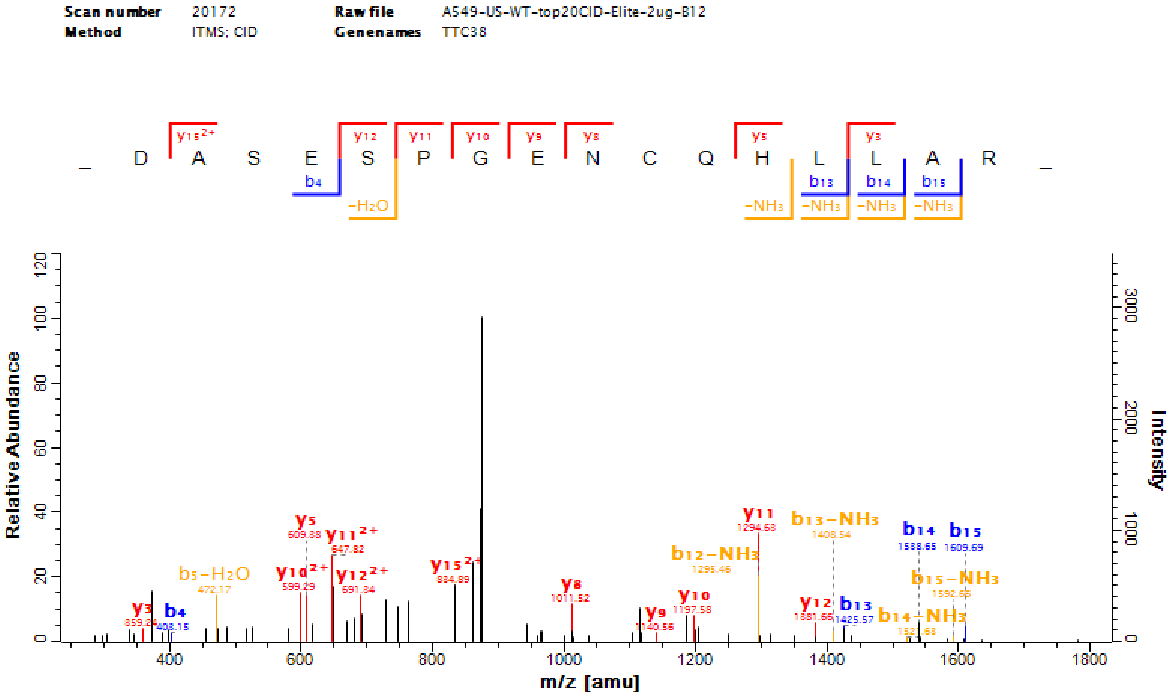


Protein Group ID: 779
Protein Accession Numbers: E7EQP8; F8W9Q9; Q96PV6-2; Q96PV6; E7EWC7
Gene Names: LENG8
Peptide Sequence: RPFAVTTQSFGSNAEGQHSGFGPQPNPEK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 64.069
Best Match Posterior Error Probability: 0.00020283
Best Match Spectrum:

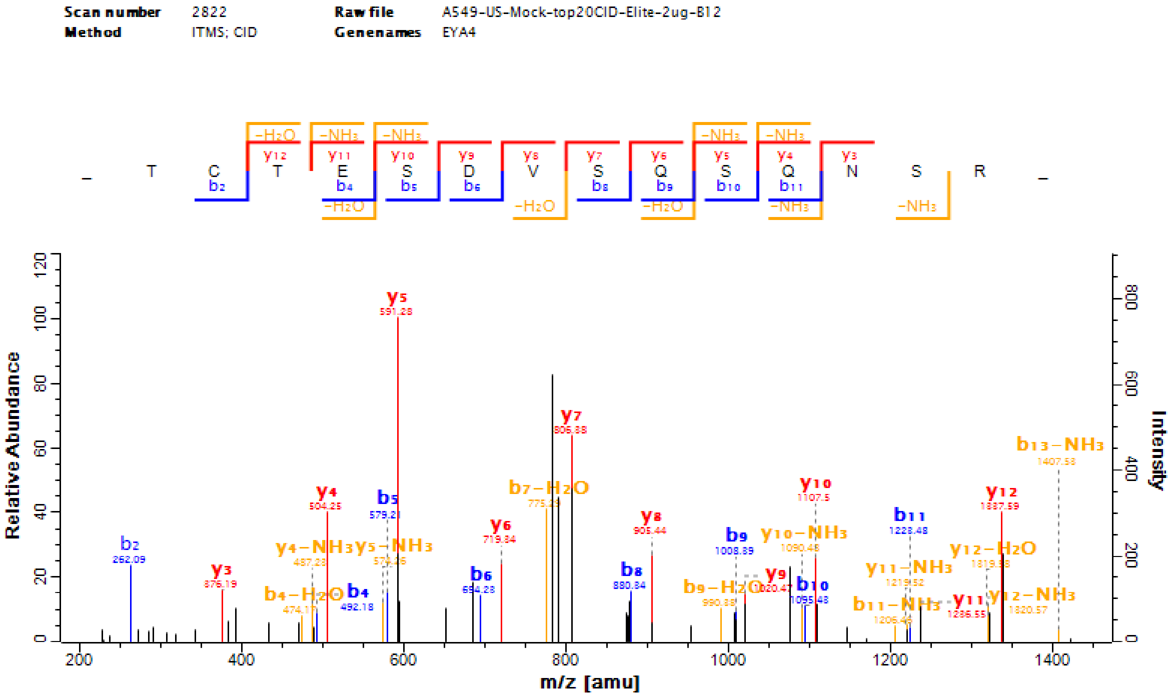


Scan number 38631 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** LENG8

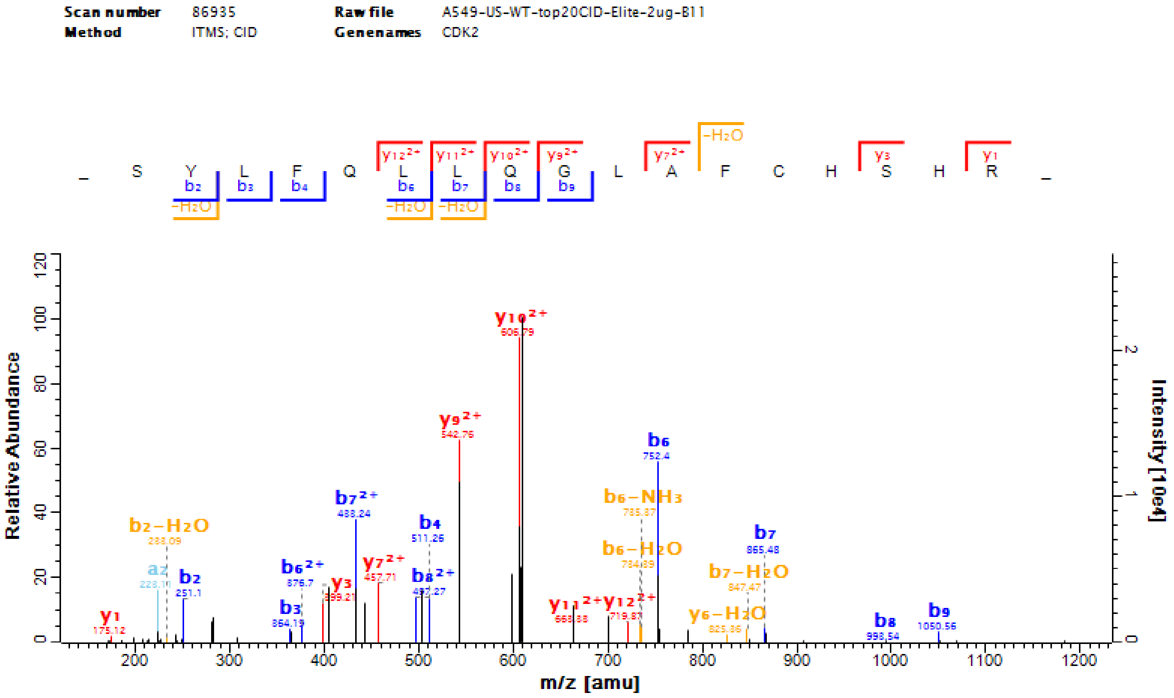
Protein Group ID: 792
Protein Accession Numbers: Q5R3I4; E7ES35; H7C089
Gene Names: TTC38
Peptide Sequence: DASESPGENCQHLLAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 88.561
Best Match Posterior Error Probability: 0.0006397
Best Match Spectrum:



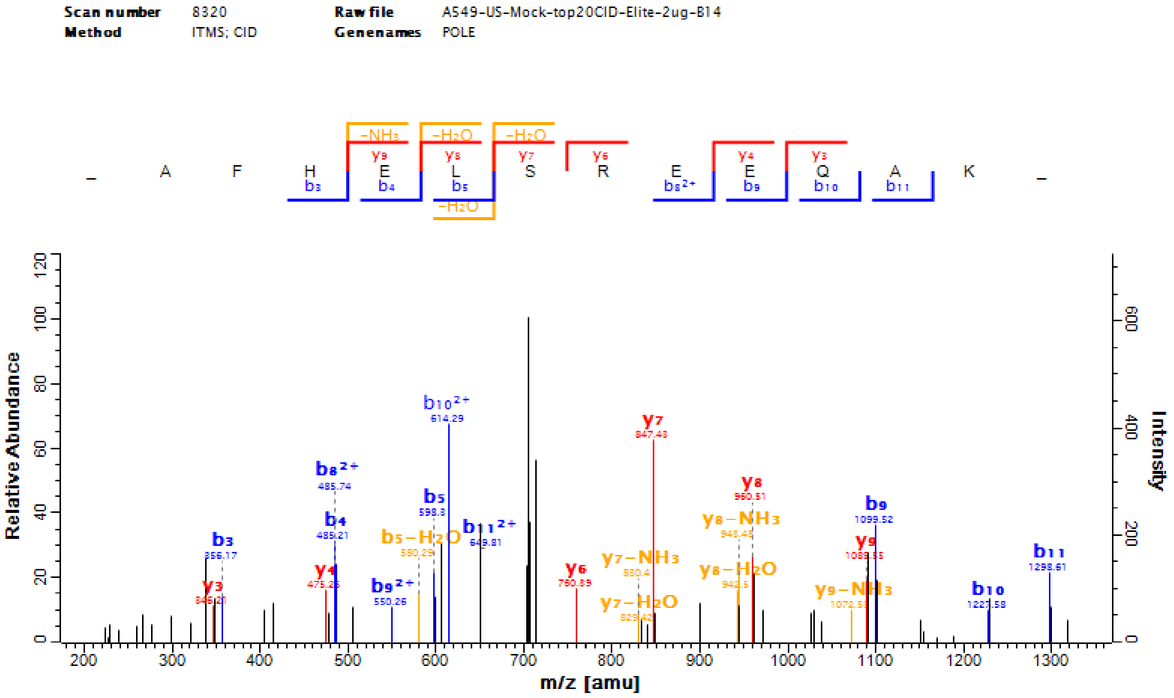
Protein Group ID: 794
Protein Accession Numbers: F2Z2Y1; O95677; O95677-4; E9PLN6; O95677-2; O95677-5; E7ESD5; O95677-3
Gene Names: EYA4
Peptide Sequence: TCTESDVSQSQNSR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 155.57
Best Match Posterior Error Probability: 2.78E-07
Best Match Spectrum:



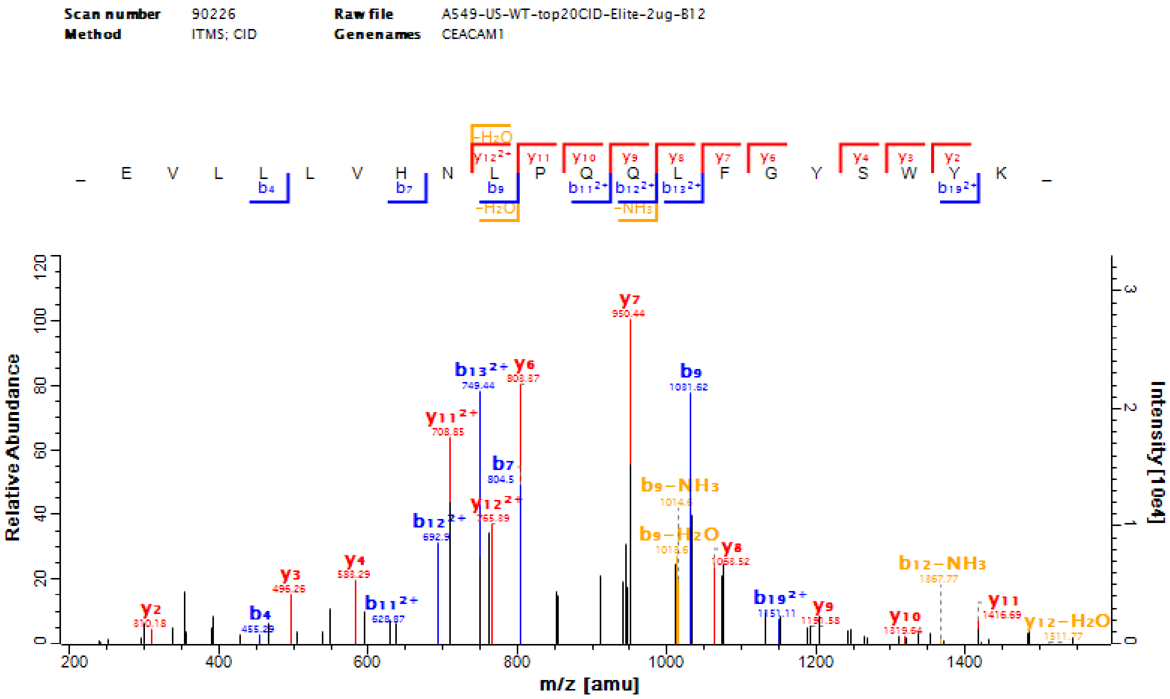
Protein Group ID: 796
Protein Accession Numbers: G3V5T9; P24941; P24941-2; E7ESI2
Gene Names: CDK2
Peptide Sequence: SYLFQLLQGLAFCHSHR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 101.2
Best Match Posterior Error Probability: 0.00016455
Best Match Spectrum:



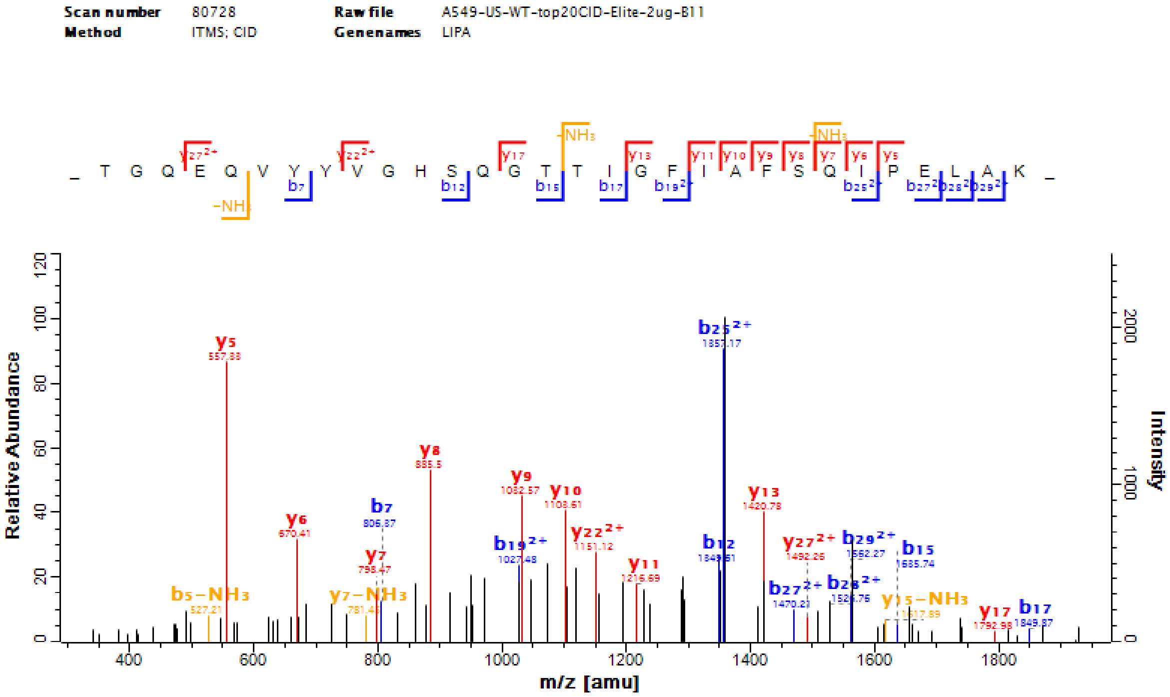
Protein Group ID: 806
Protein Accession Numbers: E7ETS8; Q07864; F5H1D6; F5H7H6
Gene Names: POLE
Peptide Sequence: AFHELSREEQAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 134.98
Best Match Posterior Error Probability: 0.00040035
Best Match Spectrum:



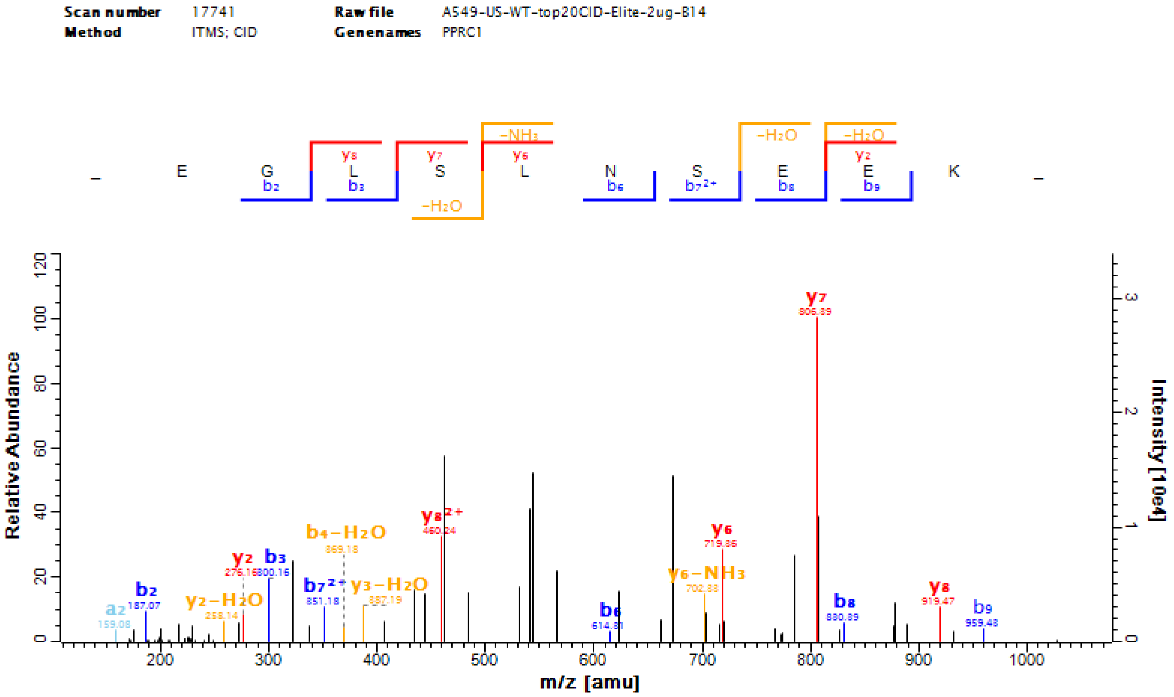
Protein Group ID: 813
Protein Accession Numbers: P13688; P13688-10; P13688-8; P13688-5; P13688-6; P13688-2; P13688-9; P13688-11; E7EUB1; P13688-4; P13688-3; P13688-7
Gene Names: CEACAM1
Peptide Sequence: EVLLLVHNLPQQLFGYSWYK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 73.918
Best Match Posterior Error Probability: 0.0011151
Best Match Spectrum:



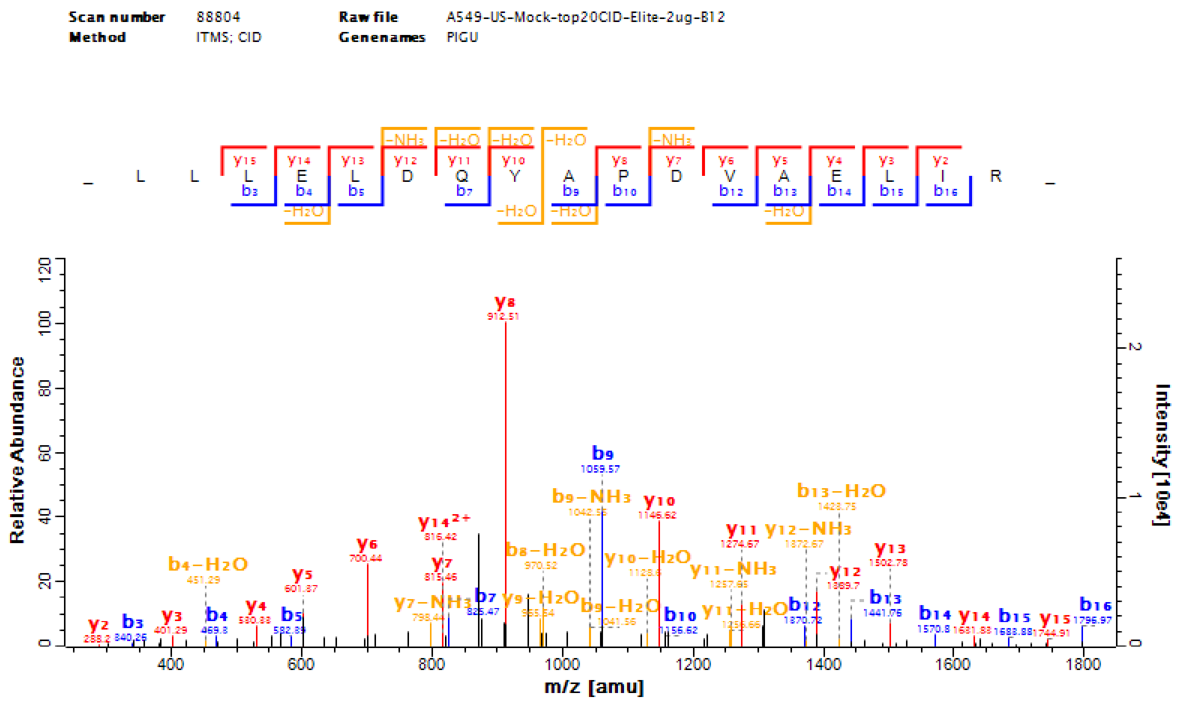
Protein Group ID: 818
Protein Accession Numbers: E7EUT7; P38571; P38571-2; Q5T073; Q5T770
Gene Names: LIPA
Peptide Sequence: TGQEQVYYVGHSQGTTIGFIAFSQIPELAK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 71.085
Best Match Posterior Error Probability: 2.91E-05
Best Match Spectrum:



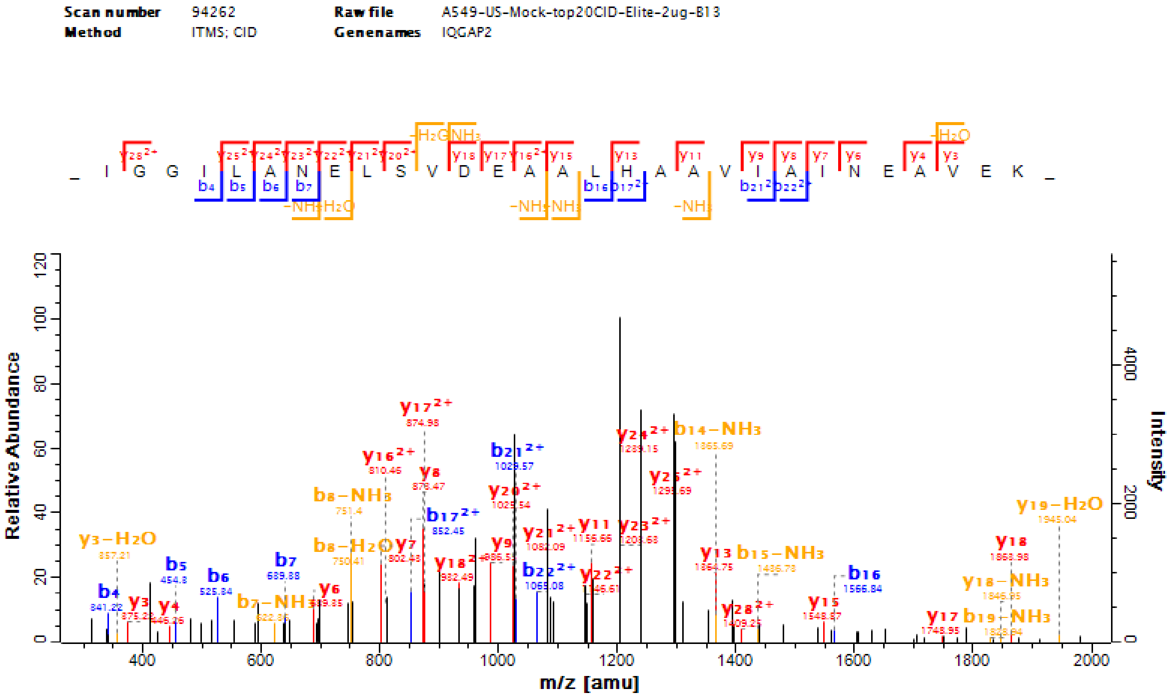
Protein Group ID: 825
Protein Accession Numbers: Q5VV67; Q5VV67-2; E7EVG6
Gene Names: PPRC1
Peptide Sequence: EGLSLNSEEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 96.015
Best Match Posterior Error Probability: 0.0012035
Best Match Spectrum:



Protein Group ID: 826
Protein Accession Numbers: Q9H490; E7EVL4; Q9H490-2
Gene Names: PIGU
Peptide Sequence: LLLELDQYAPDVAELIR
Total Number of Spectra: 12
Number of Replicates (out of 8): 8
Best Match Score: 203.59
Best Match Posterior Error Probability: 2.83E-39
Best Match Spectrum:

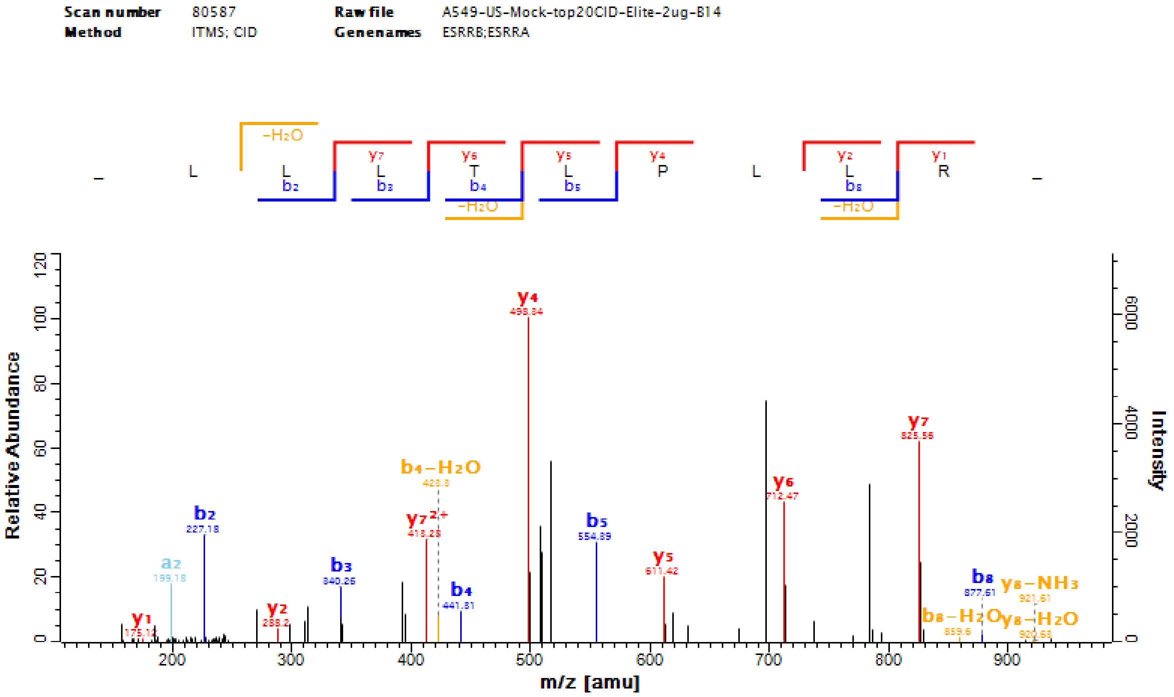


Protein Group ID: 832
Protein Accession Numbers: Q13576; E7EWC2; D6R939
Gene Names: IQGAP2
Peptide Sequence: IGGILANELSVDEAALHAAVIAINEAVEK
Total Number of Spectra: 11
Number of Replicates (out of 8): 8
Best Match Score: 120.54
Best Match Posterior Error Probability: 2.11E-14
Best Match Spectrum:

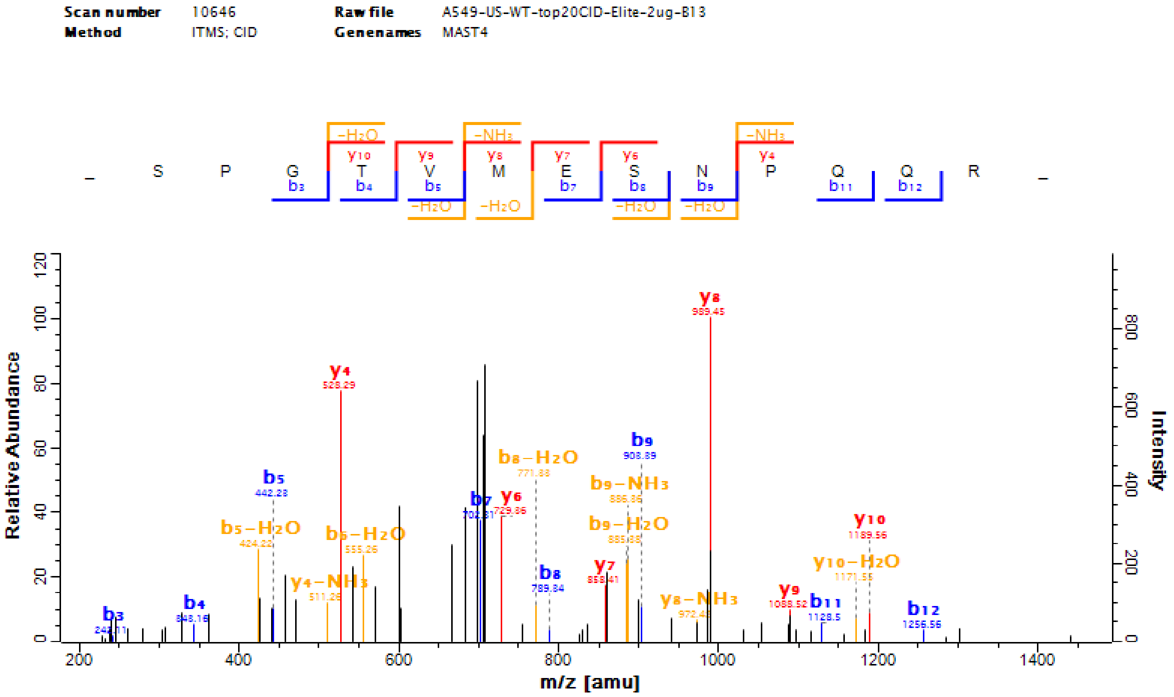


Scan number 94262
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B13
Genenames IQGAP2

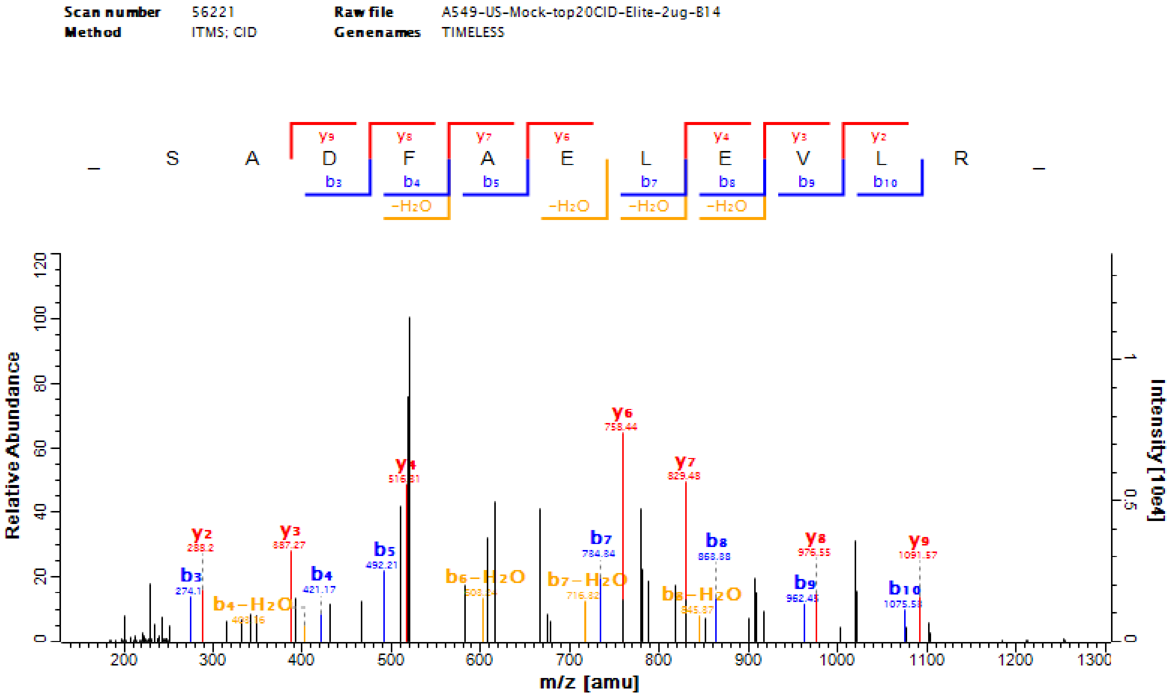
Protein Group ID: 833
Protein Accession Numbers: E7EWD9; O95718; O95718-2; O95718-3; P11474; P11474-2; H0YGT3
Gene Names: ESRRB;ESRRA
Peptide Sequence: LLLTLPLLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 96.948
Best Match Posterior Error Probability: 0.0022423
Best Match Spectrum:



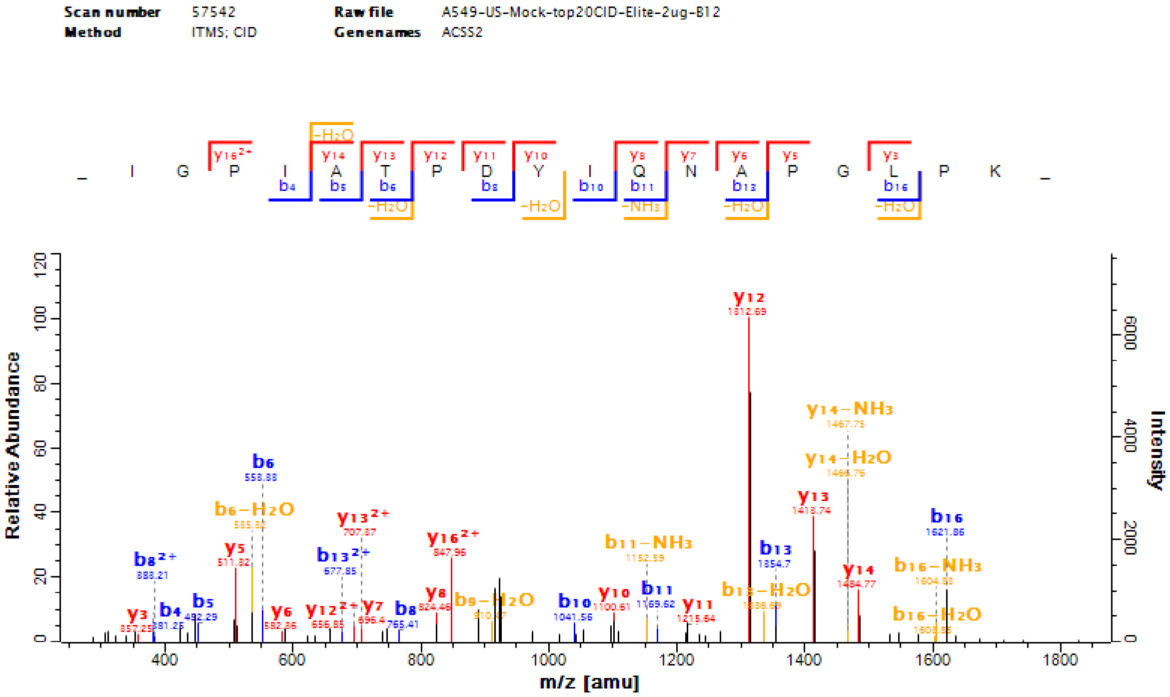
Protein Group ID: 836
Protein Accession Numbers: F8WAQ9; O15021; J3QT34; E7EWQ5; O15021-1; O15021-3; O15021-2; H7C1I9
Gene Names: MAST4
Peptide Sequence: SPGTVMESNPQQR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 107.53
Best Match Posterior Error Probability: 0.0025113
Best Match Spectrum:



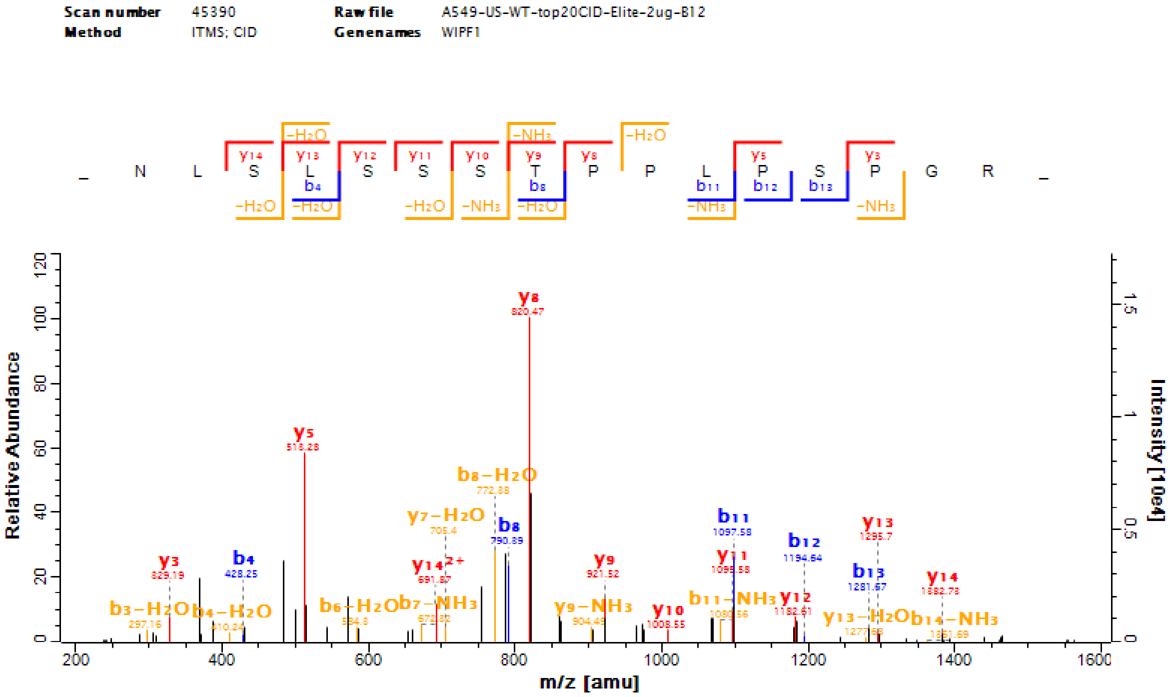
Protein Group ID: 837
Protein Accession Numbers: Q9UNS1; Q9UNS1-2; E7EWS5
Gene Names: TIMELESS
Peptide Sequence: SADFAELEVLR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 99.752
Best Match Posterior Error Probability: 0.00052505
Best Match Spectrum:



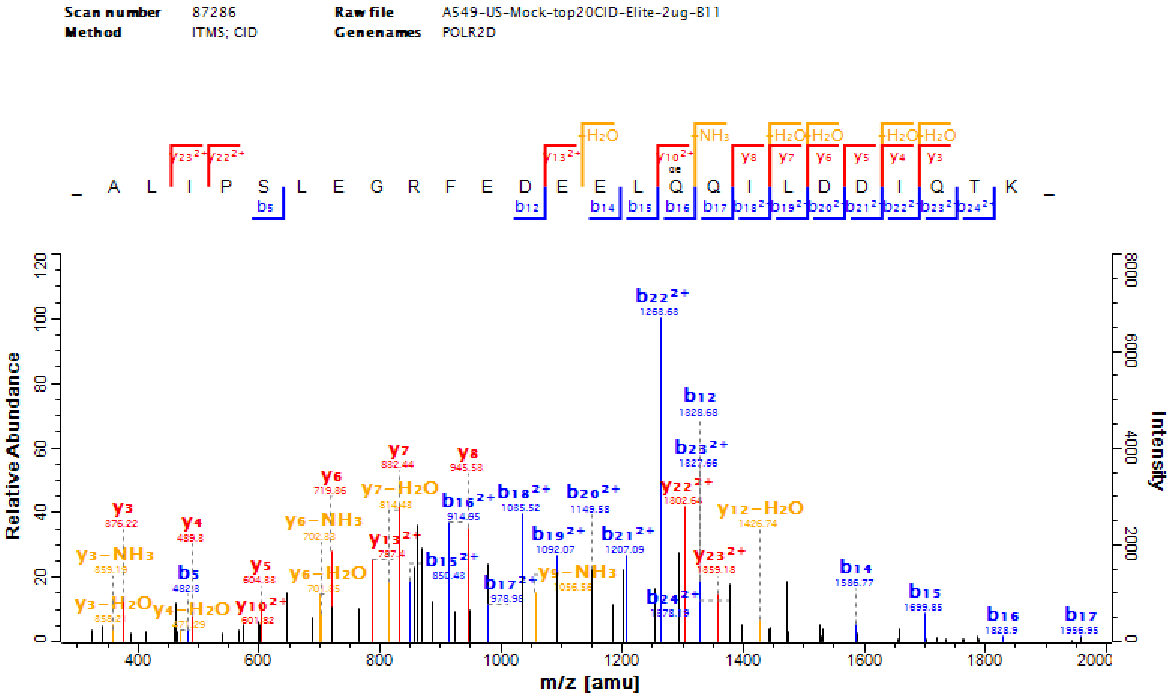
Protein Group ID: 841
Protein Accession Numbers: Q5QPH3; Q9NR19; E7EWU3
Gene Names: ACSS2
Peptide Sequence: IGPIATPDYIQNAPGLPK
Total Number of Spectra: 9
Number of Replicates (out of 8): 7
Best Match Score: 159.18
Best Match Posterior Error Probability: 7.86E-10
Best Match Spectrum:



Protein Group ID: 856
Protein Accession Numbers: O43516-3; O43516; O43516-2; E9PB87
Gene Names: WIPF1
Peptide Sequence: NLSLSSSTPPLPSPGR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 77.191
Best Match Posterior Error Probability: 0.0025577
Best Match Spectrum:

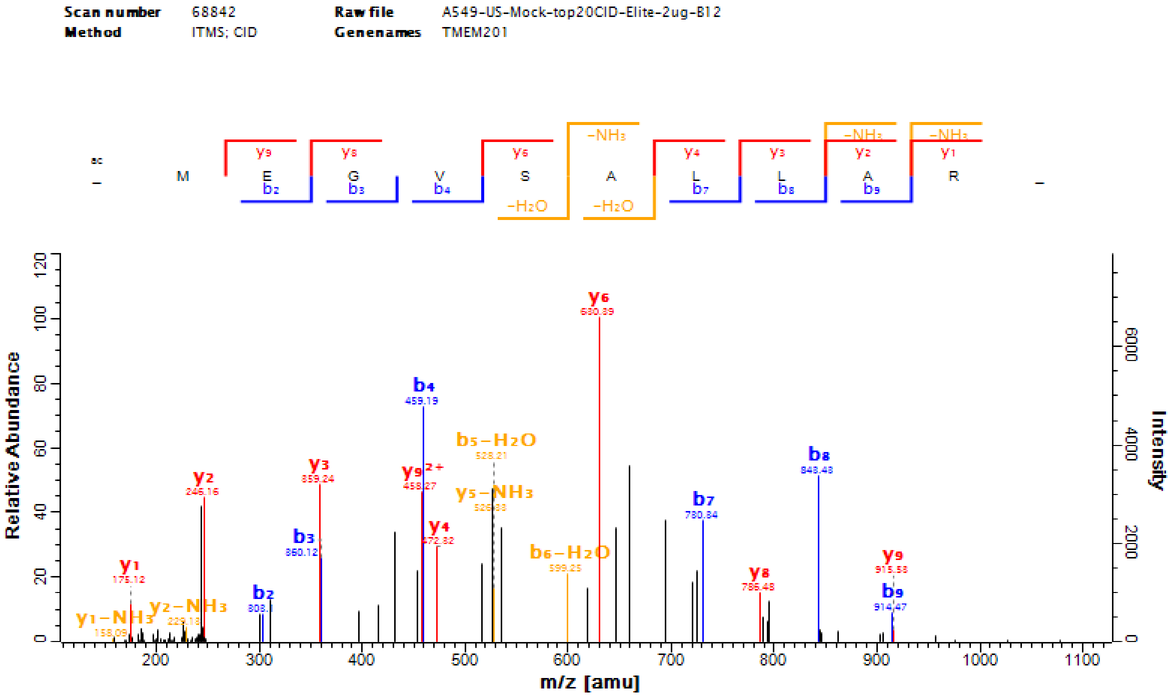


Protein Group ID: 857
Protein Accession Numbers: O15514; E9PB93
Gene Names: POLR2D
Peptide Sequence: ALIPSLEGRFEDEELQQILDDIQTK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 135.21
Best Match Posterior Error Probability: 7.12E-16
Best Match Spectrum:



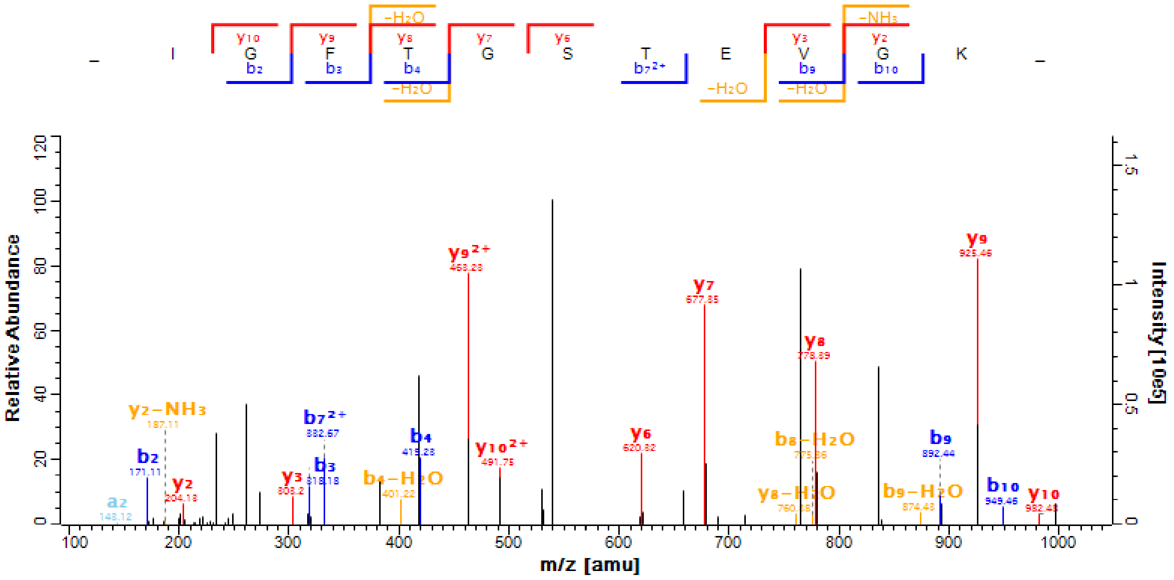
Scan number 87286 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** POLR2D

Protein Group ID: 859
Protein Accession Numbers: Q5SNT2; E9PBR6; Q5SNT2-2
Gene Names: TMEM201
Peptide Sequence: MEGVSALLAR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 119.16
Best Match Posterior Error Probability: 0.0002032
Best Match Spectrum:



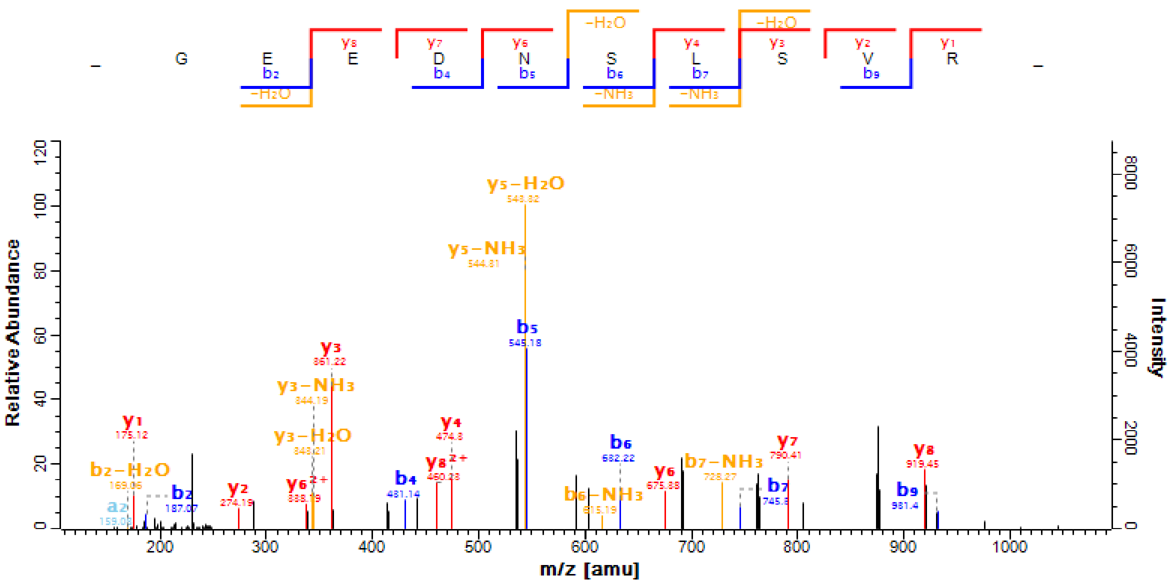
Protein Group ID: 860
Protein Accession Numbers: O75891; E9PBX3
Gene Names: ALDH1L1
Peptide Sequence: IGFTGSTEVGK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 117.52
Best Match Posterior Error Probability: 8.28E-05
Best Match Spectrum:

Scan number 18249 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** ALDH1L1

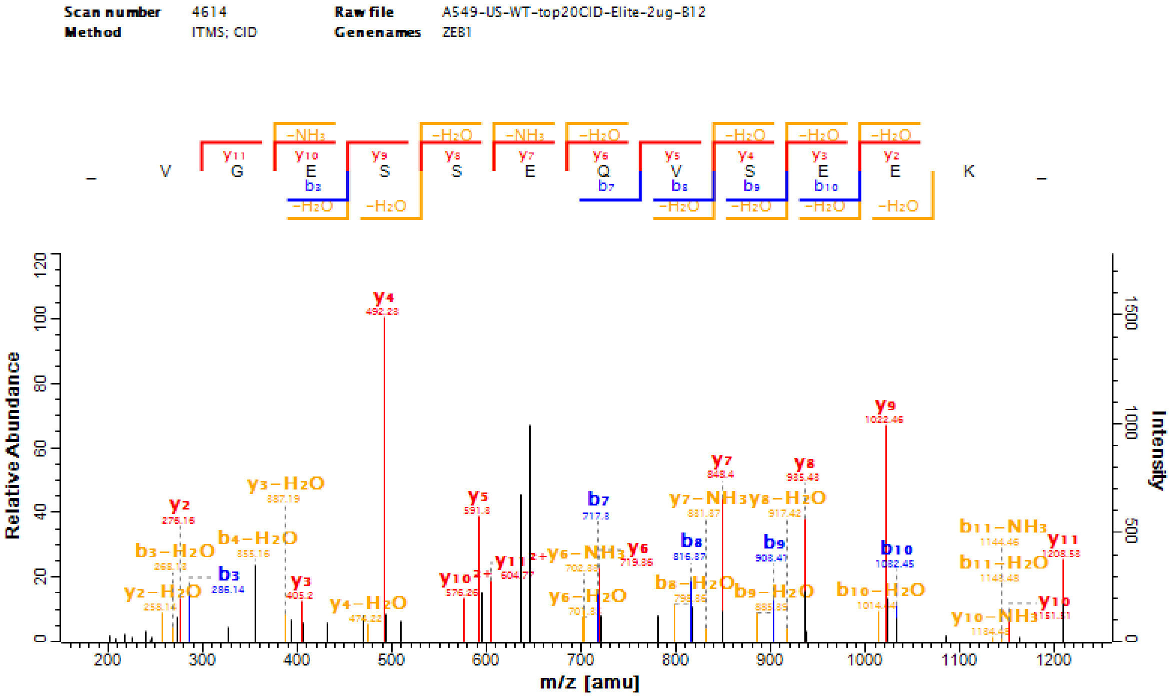


Protein Group ID: 863
Protein Accession Numbers: P27701; E9PC70
Gene Names: CD82
Peptide Sequence: GEEDNSLSVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 111.86
Best Match Posterior Error Probability: 0.00029194
Best Match Spectrum:

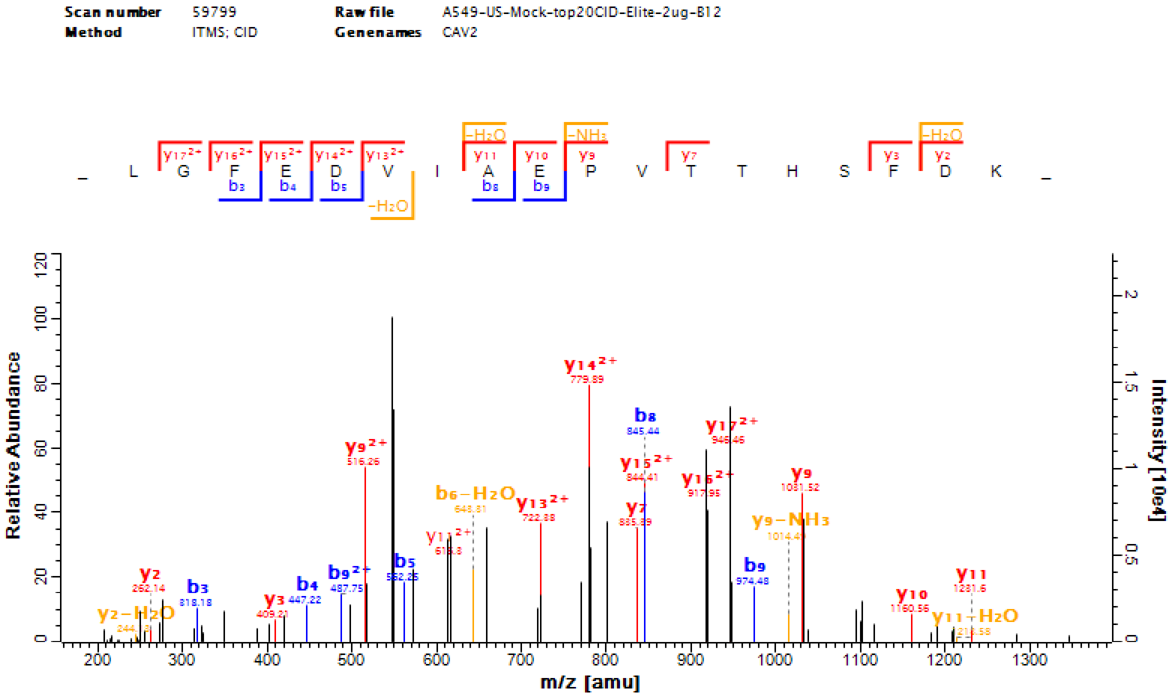
Scan number	10143	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	CD82



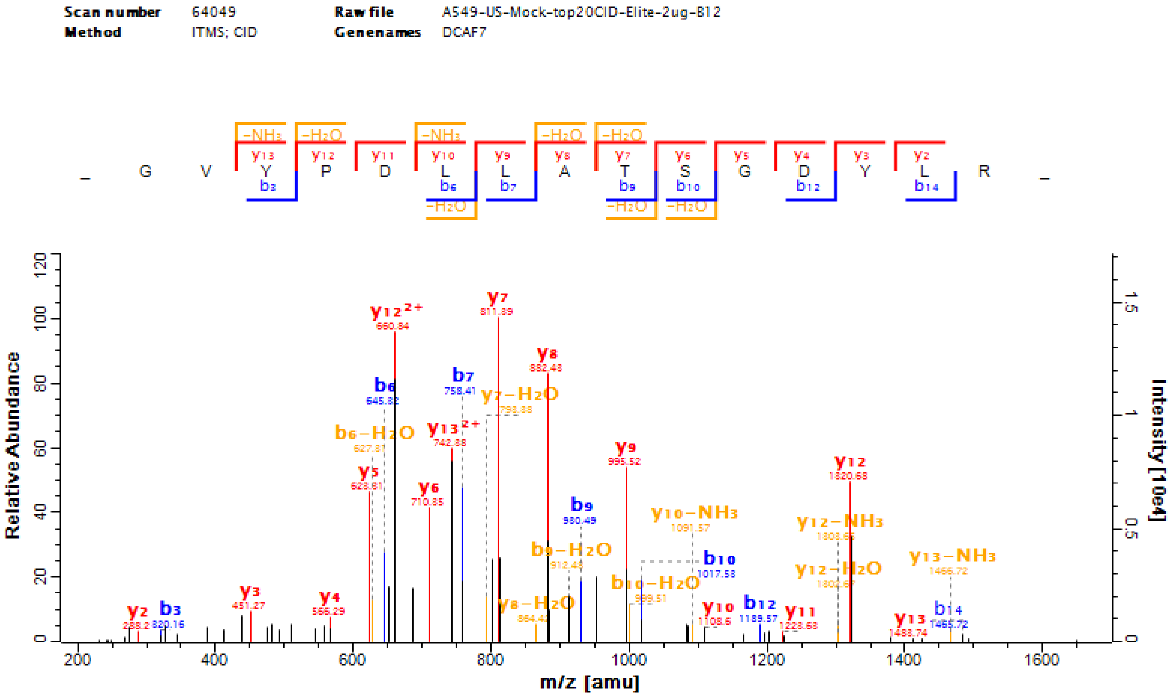
Protein Group ID: 872
Protein Accession Numbers: P37275-2; P37275; E9PCM7; Q5VZ84; F5H4I8; G3V1R3
Gene Names: ZEB1
Peptide Sequence: VGESSEQVSEEK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 184.34
Best Match Posterior Error Probability: 4.10E-13
Best Match Spectrum:



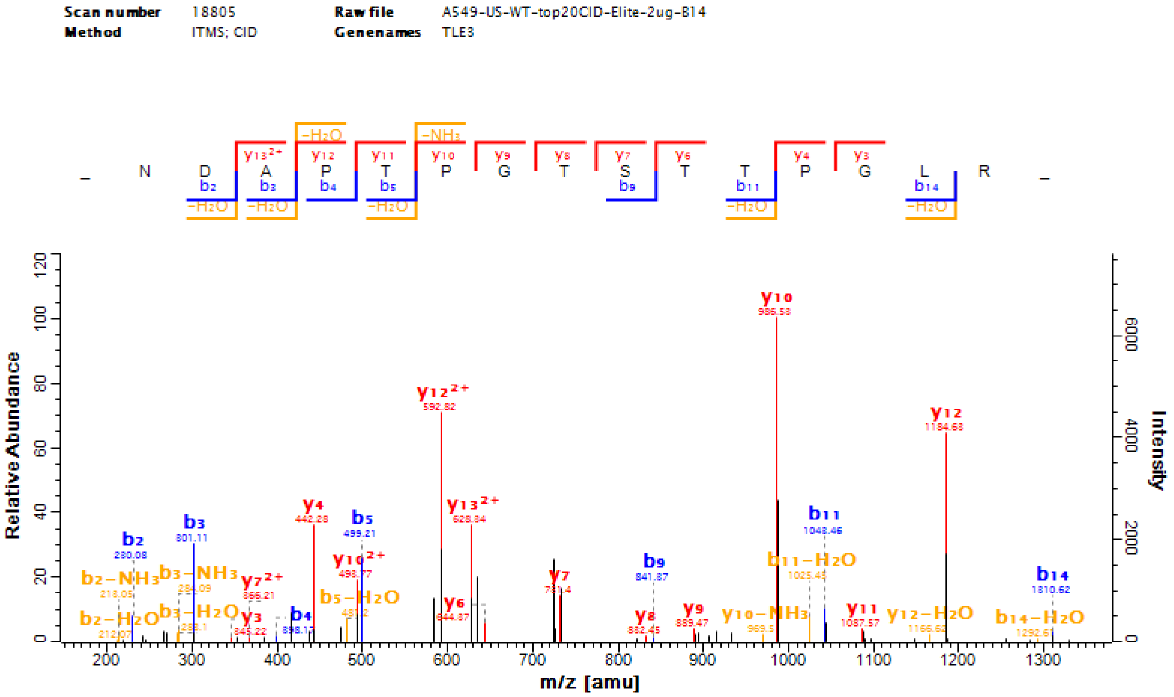
Protein Group ID: 873
Protein Accession Numbers: P51636; P51636-2; E9PCT3
Gene Names: CAV2
Peptide Sequence: LGFEDVIAEPVTTHSFDK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 93.909
Best Match Posterior Error Probability: 0.00028903
Best Match Spectrum:



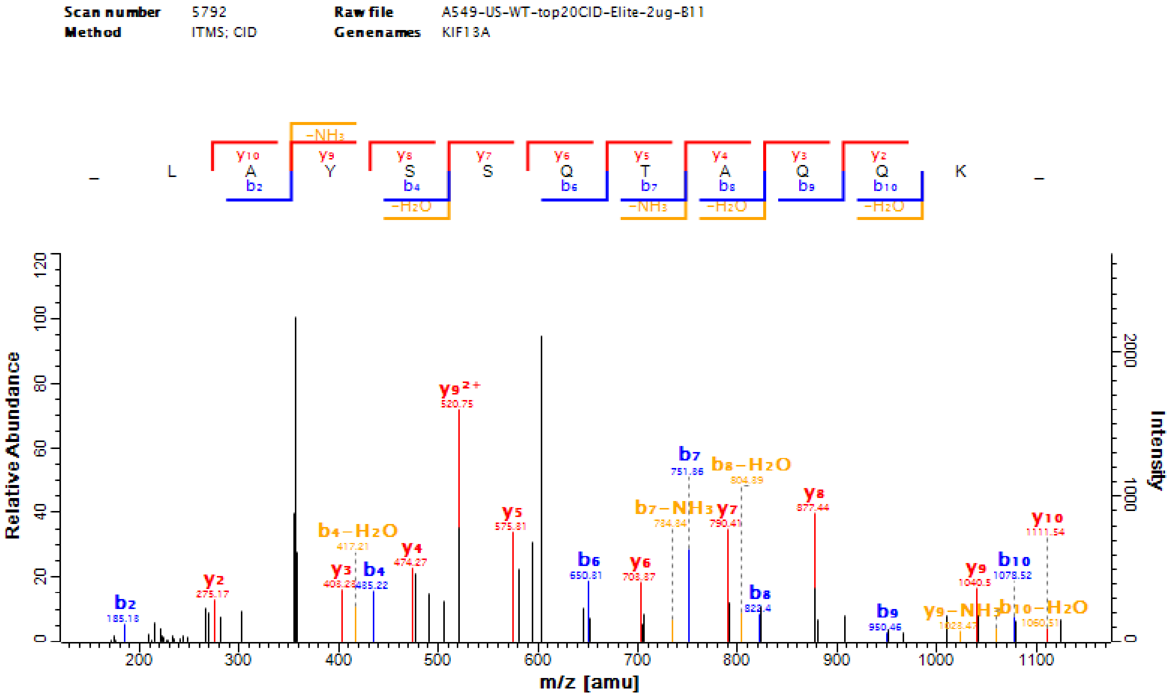
Protein Group ID: 876
Protein Accession Numbers: P61962; E9PCY4
Gene Names: DCAF7
Peptide Sequence: GVYPDLLATSGDYLR
Total Number of Spectra: 10
Number of Replicates (out of 8): 8
Best Match Score: 171.26
Best Match Posterior Error Probability: 4.33E-14
Best Match Spectrum:



Protein Group ID: 877
Protein Accession Numbers: H0YL70; H0YKN8; H0YKT5; Q04726; Q04726-4; E9PD64; Q6PI57; F8W8S3; Q04726-3; F8W964; Q04726-2; H0YNT2; F5H7D6; H0YLI3; H0YLW9; H0YKH0
Gene Names: TLE3
Peptide Sequence: NDAPTPGTSTTPGLR
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 170.11
Best Match Posterior Error Probability: 4.90E-14
Best Match Spectrum:

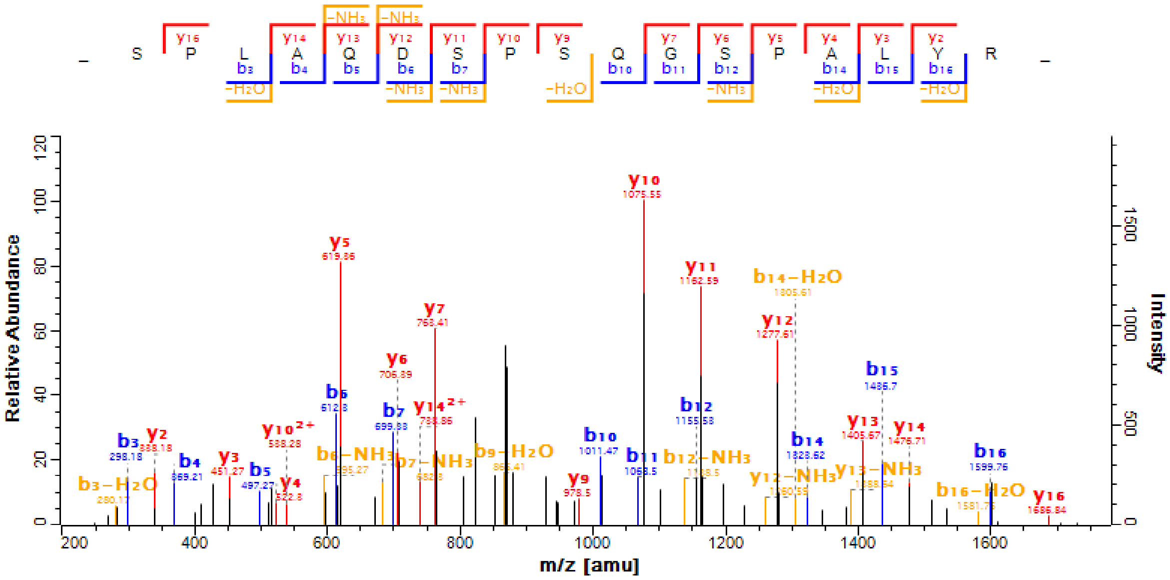


Protein Group ID: 883
Protein Accession Numbers: H3BNE9; Q9H1H9; E9PDX3; Q9H1H9-2; Q9H1H9-4; Q9H1H9-3; H0Y307
Gene Names: KIF13A
Peptide Sequence: LAYSSQTAQQK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 129.34
Best Match Posterior Error Probability: 4.24E-05
Best Match Spectrum:

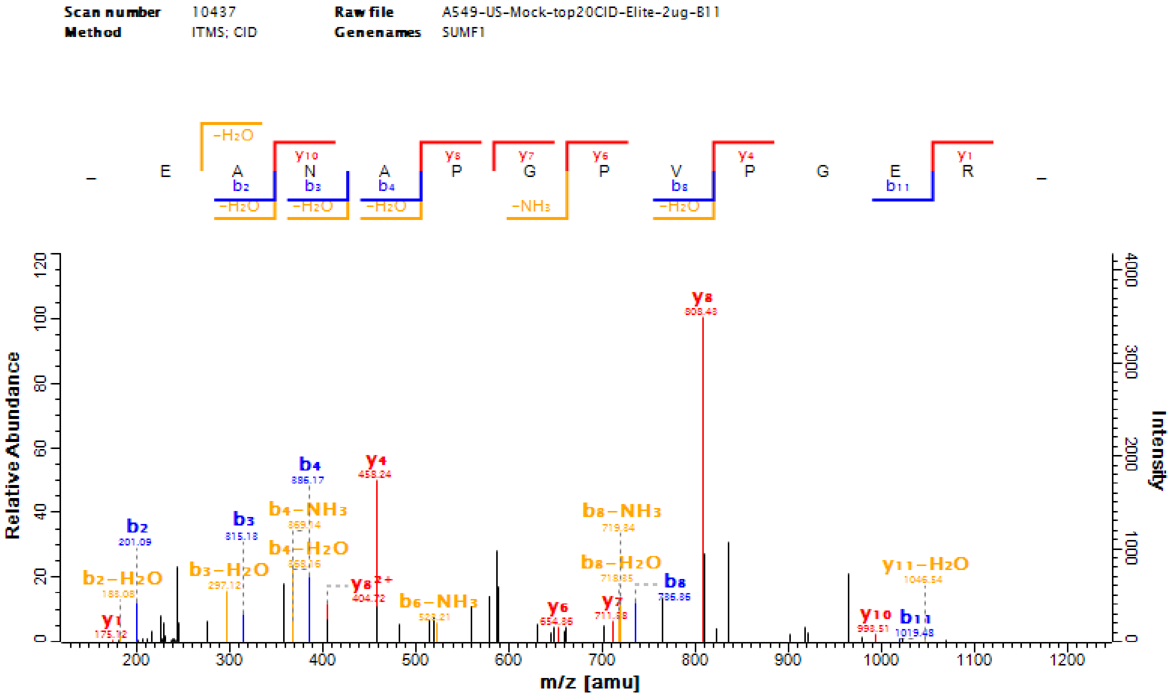


Protein Group ID: 888
Protein Accession Numbers: Q69YH5; E9PEI0
Gene Names: CDCA2
Peptide Sequence: SPLAQDSPSQGSPALYR
Total Number of Spectra: 6
Number of Replicates (out of 8): 4
Best Match Score: 182.31
Best Match Posterior Error Probability: 9.45E-21
Best Match Spectrum:

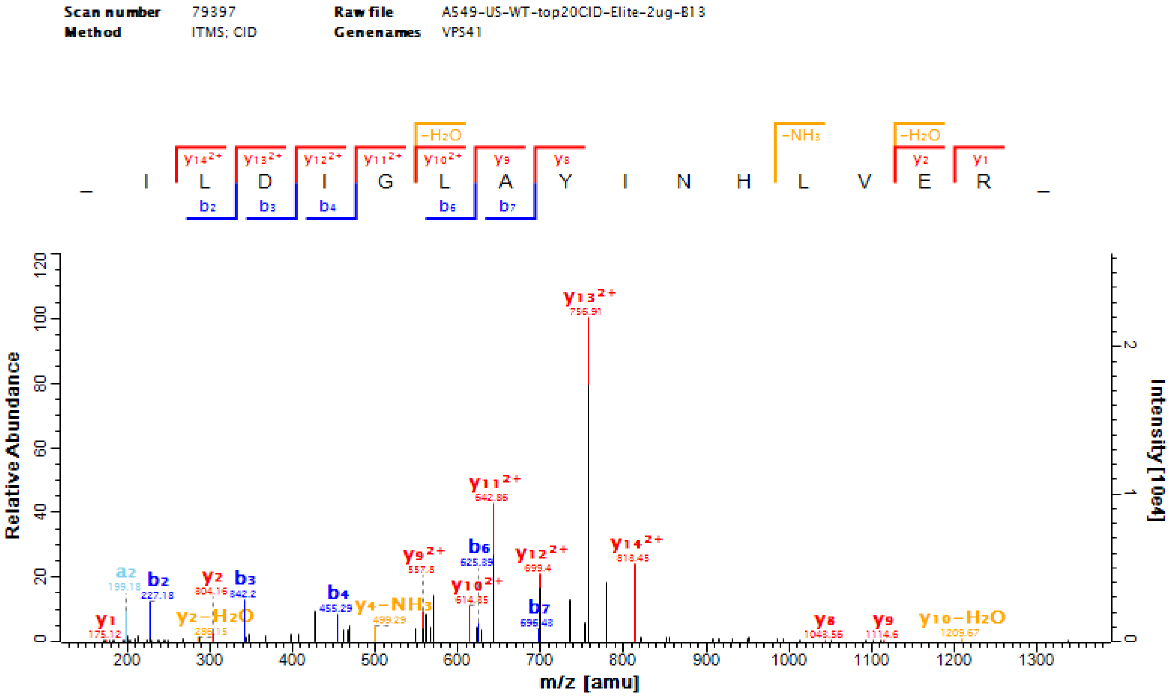
Scan number	30432	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B14
Method	ITMS; CID	**Genenames**	CDCA2



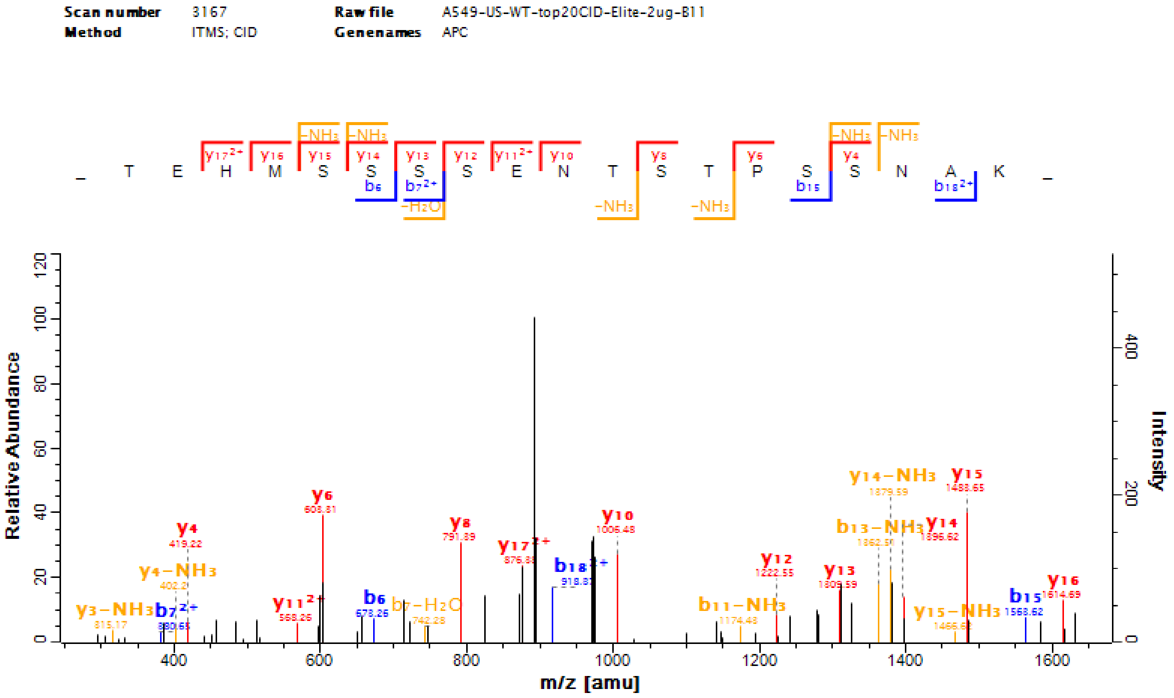
Protein Group ID: 897
Protein Accession Numbers: F5GXA0; Q8NBK3-3; Q8NBK3; E9PGL0; G5E9B0; E9PF05
Gene Names: SUMF1
Peptide Sequence: EANAPGPVPGER
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 86.772
Best Match Posterior Error Probability: 0.0018203
Best Match Spectrum:



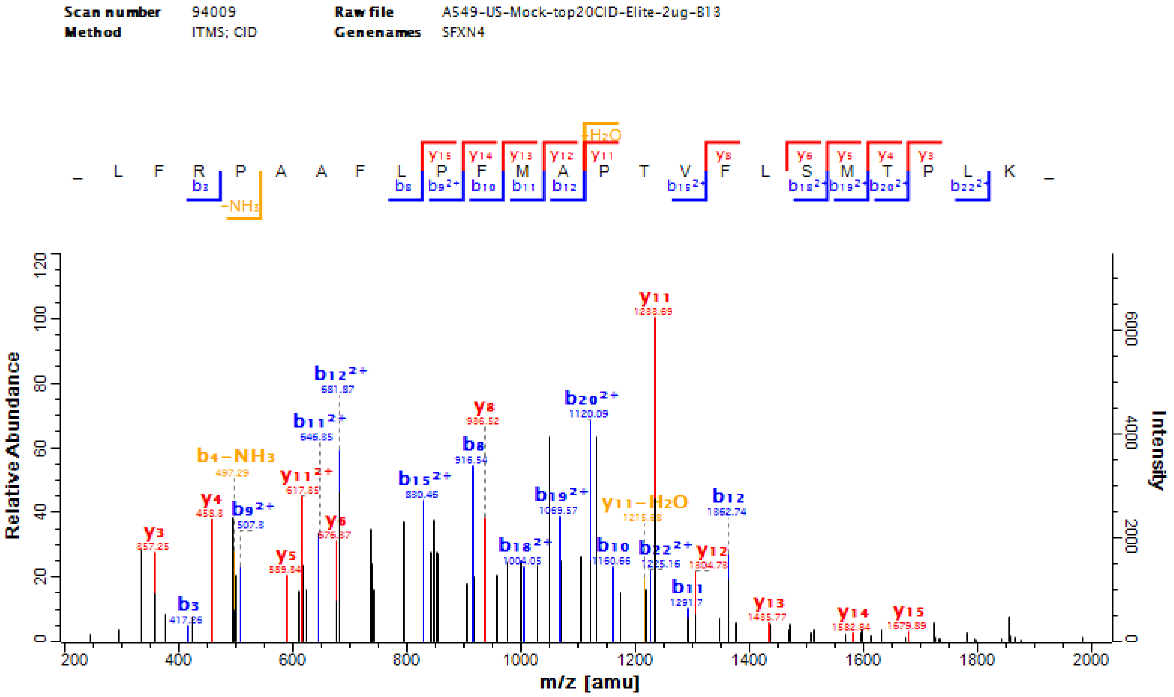
Protein Group ID: 899
Protein Accession Numbers: P49754; E9PF36; P49754-2
Gene Names: VPS41
Peptide Sequence: ILDIGLAYINHLVER
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 92.856
Best Match Posterior Error Probability: 0.00062416
Best Match Spectrum:



Protein Group ID: 905
Protein Accession Numbers: P25054; P25054-2; E9PFT7
Gene Names: APC
Peptide Sequence: TEHMSSSSENTSTPSSNAK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 90.385
Best Match Posterior Error Probability: 0.00028065
Best Match Spectrum:

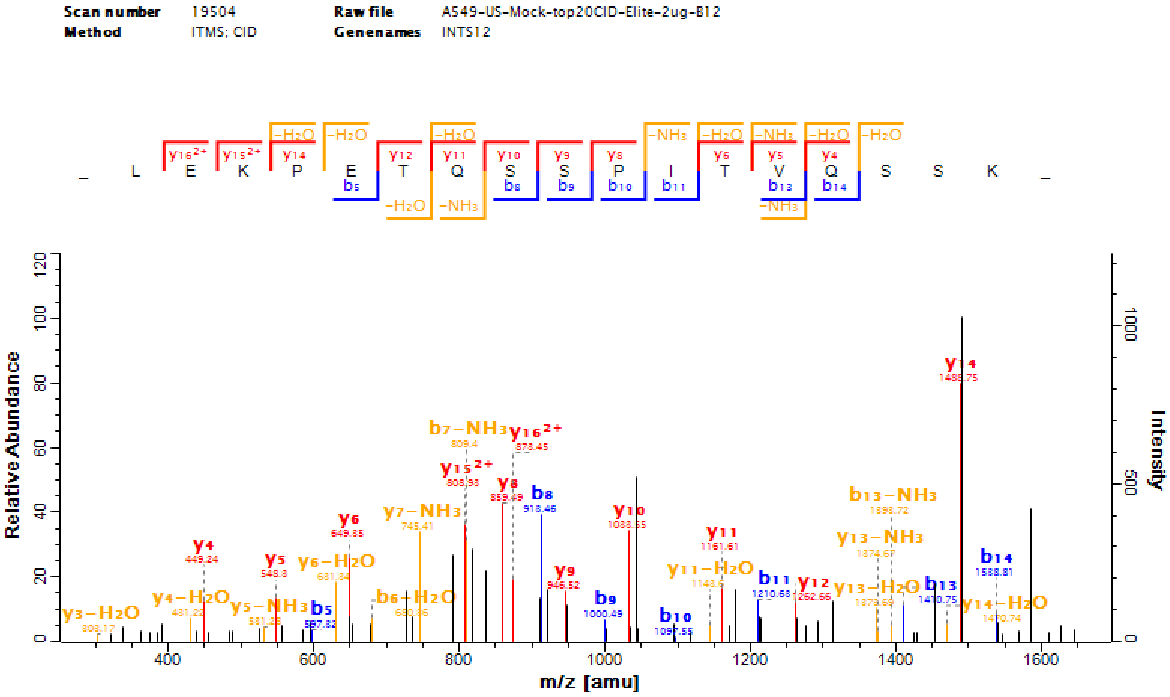


Protein Group ID: 909
Protein Accession Numbers: Q6P4A7; E9PGB5; Q6P4A7-2
Gene Names: SFXN4
Peptide Sequence: LFRPAAFLPFMAPTVFLSMTPLK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 108.71
Best Match Posterior Error Probability: 2.36E-06
Best Match Spectrum:

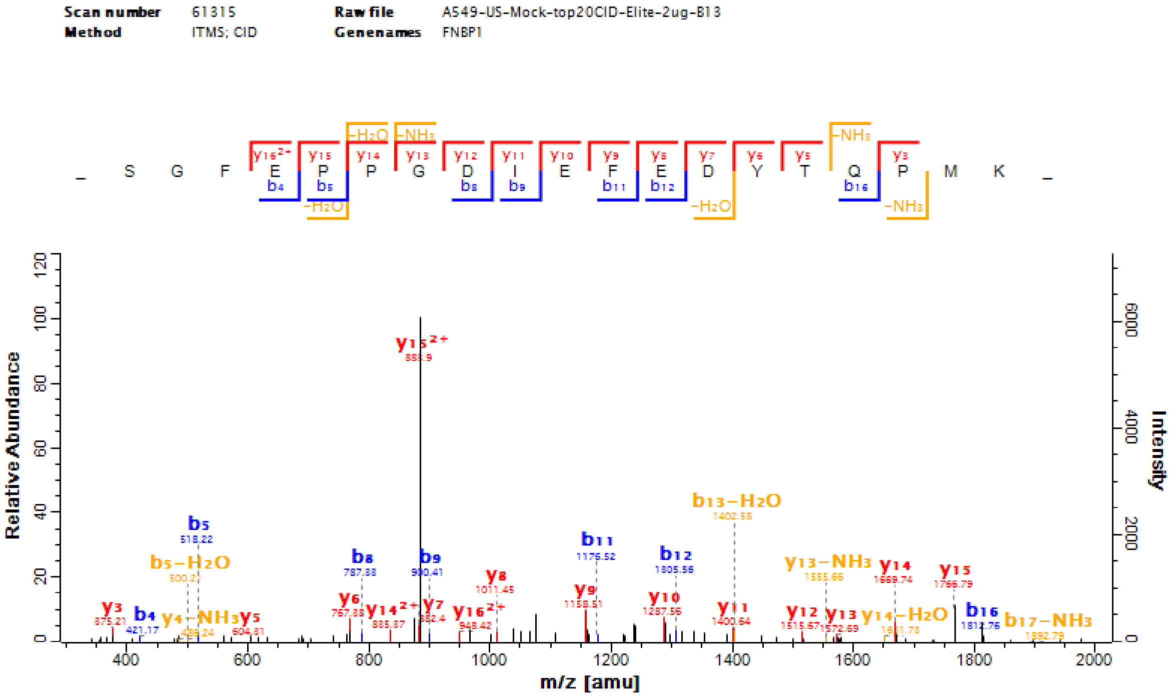


Scan number 94009 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** SFXN4

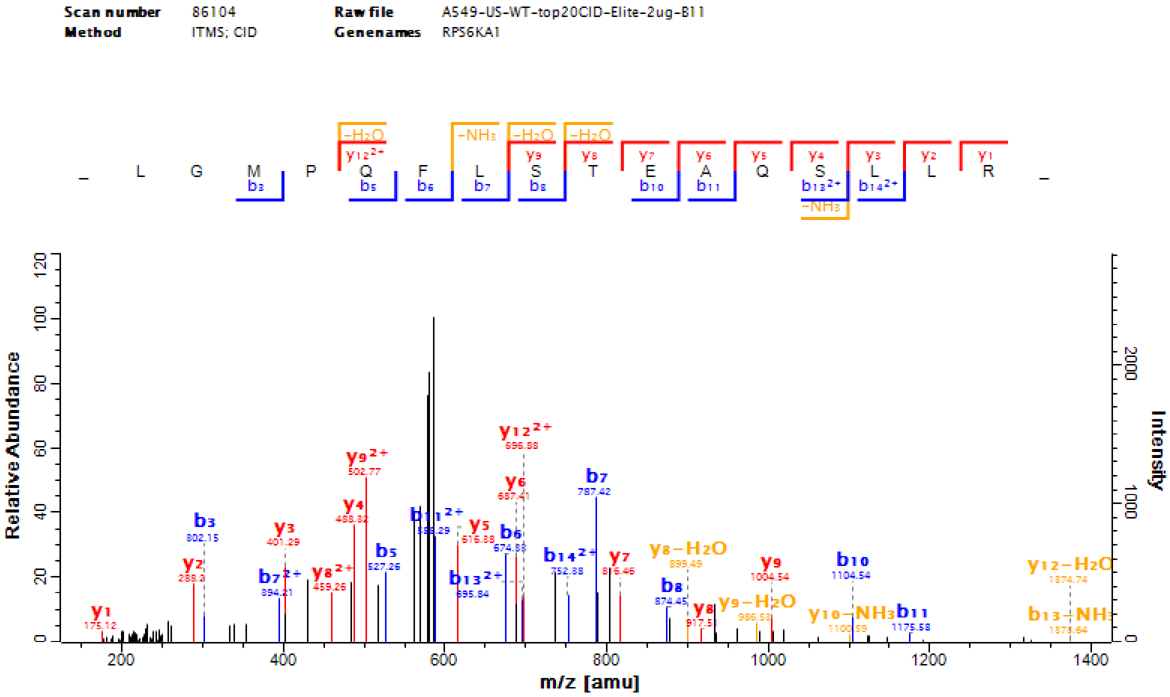
Protein Group ID: 910
Protein Accession Numbers: Q96CB8; E9PGI3
Gene Names: INTS12
Peptide Sequence: LEKPETQSSPITVQSSK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 123.4
Best Match Posterior Error Probability: 0.00053732
Best Match Spectrum:



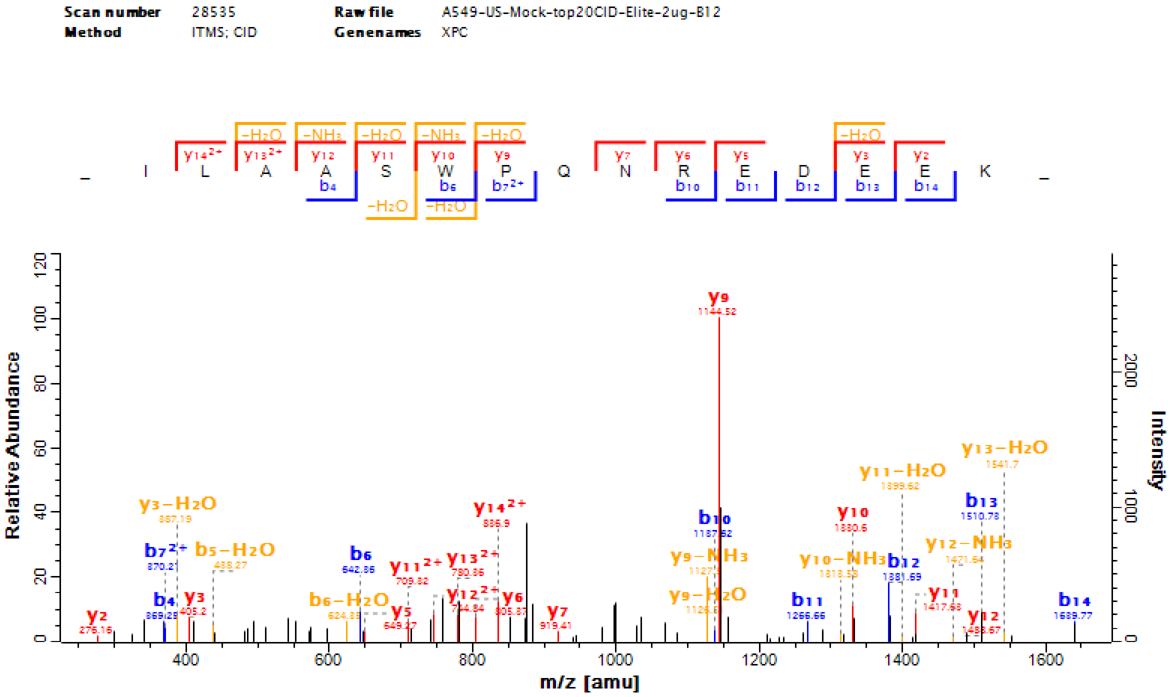
Protein Group ID: 912
Protein Accession Numbers: Q96RU3; Q96RU3-2; E9PGQ4; Q96RU3-3; H0Y7W6; Q96RU3-4
Gene Names: FNBP1
Peptide Sequence: SGFEPPGDIEFEDYTQPMK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 106.57
Best Match Posterior Error Probability: 7.12E-05
Best Match Spectrum:



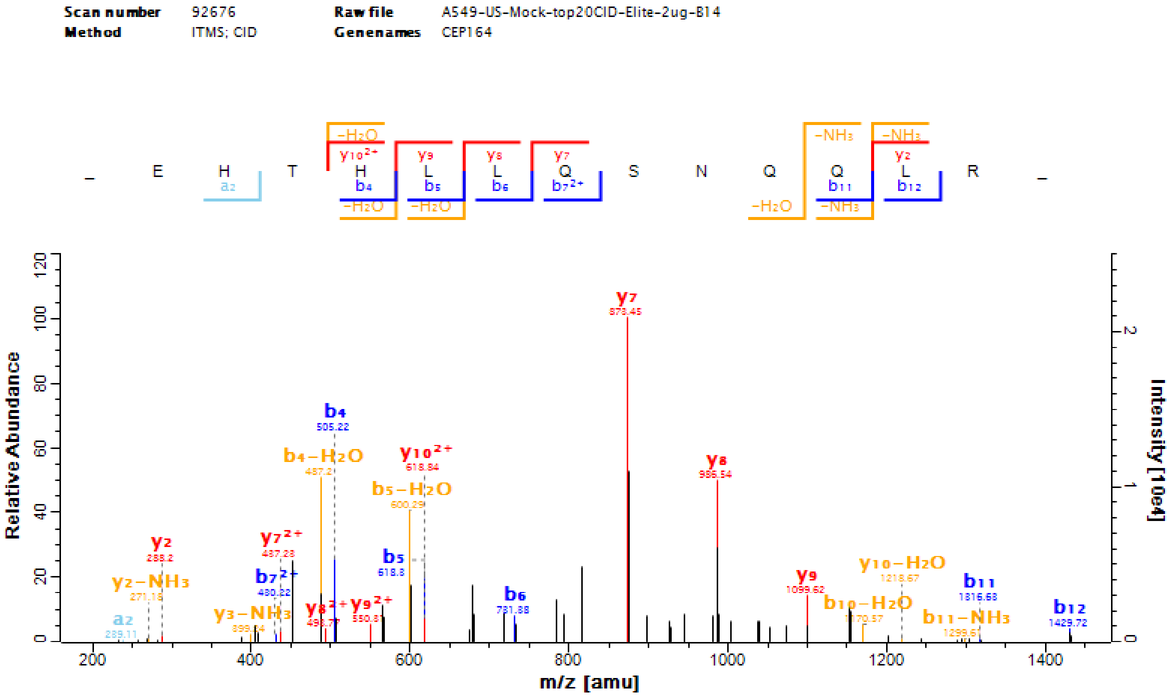
Protein Group ID: 915
Protein Accession Numbers: Q15418-2; Q15418; E9PGT3; E9PRI4; Q15418-3
Gene Names: RPS6KA1
Peptide Sequence: LGMPQFLSTEAQSLLR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 122.63
Best Match Posterior Error Probability: 8.01E-05
Best Match Spectrum:



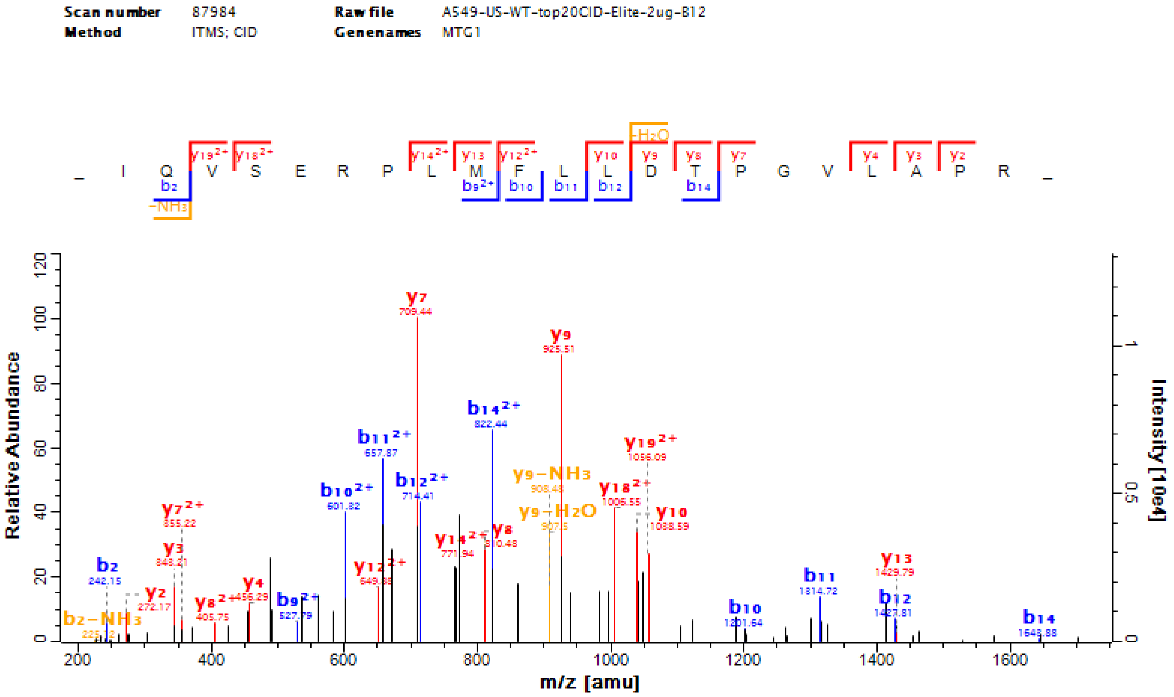
Protein Group ID: 922
Protein Accession Numbers: Q01831; E9PH69
Gene Names: XPC
Peptide Sequence: ILAASWPQNREDEEK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 149.3
Best Match Posterior Error Probability: 4.34E-06
Best Match Spectrum:



Protein Group ID: 927
Protein Accession Numbers: Q9UPV0; Q9UPV0-2; E9PI34
Gene Names: CEP164
Peptide Sequence: EHTHLLQSNQQLR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 92.247
Best Match Posterior Error Probability: 0.0011802
Best Match Spectrum:

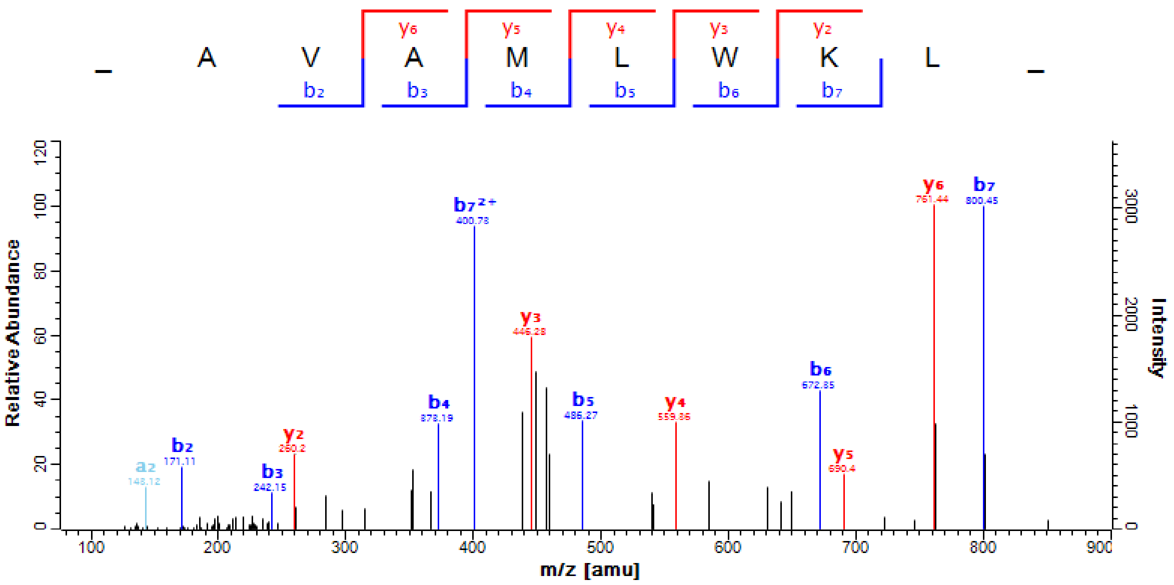


Protein Group ID: 928
Protein Accession Numbers: E9PI62; Q9BT17
Gene Names: MTG1
Peptide Sequence: IQVSERPLMFLLDTPGVLAPR
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 145.61
Best Match Posterior Error Probability: 1.16E-09
Best Match Spectrum:



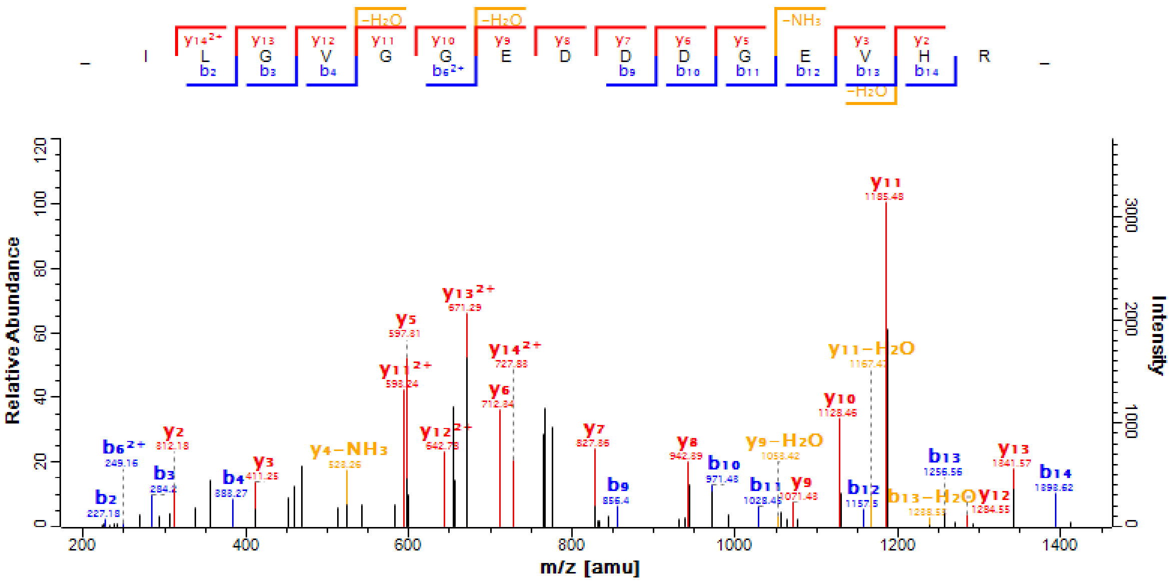
Protein Group ID: 932
Protein Accession Numbers: O14521; E9PIC0
Gene Names: SDHD
Peptide Sequence: AVAMLWKL
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 140.53
Best Match Posterior Error Probability: 0.0028284
Best Match Spectrum:

Scan number	63991	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	SDHD

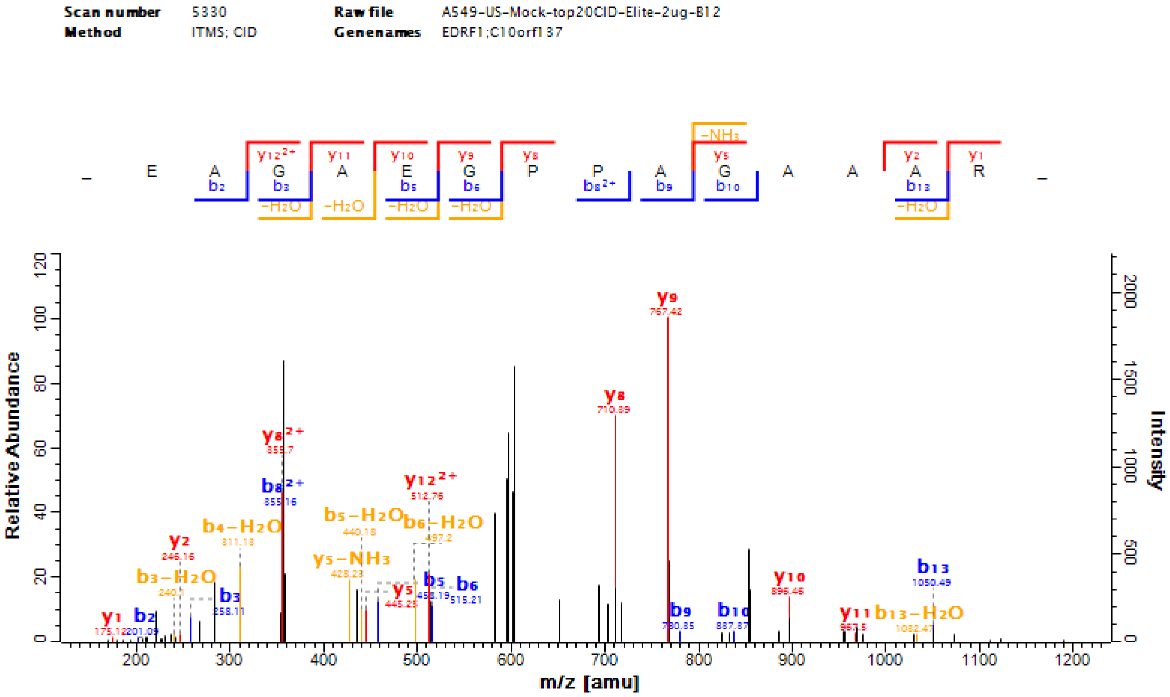


Protein Group ID: 933
Protein Accession Numbers: E9PPM1; O14683; E9PKZ4; E9PIK4; E9PIN5; E9PQ46; E9PMW4; E9PMY0; E9PS55; E9PKN9; E9PNB3; E9PN66
Gene Names: TP53I11
Peptide Sequence: ILGVGGEDDDGEVHR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 154.72
Best Match Posterior Error Probability: 2.69E-07
Best Match Spectrum:

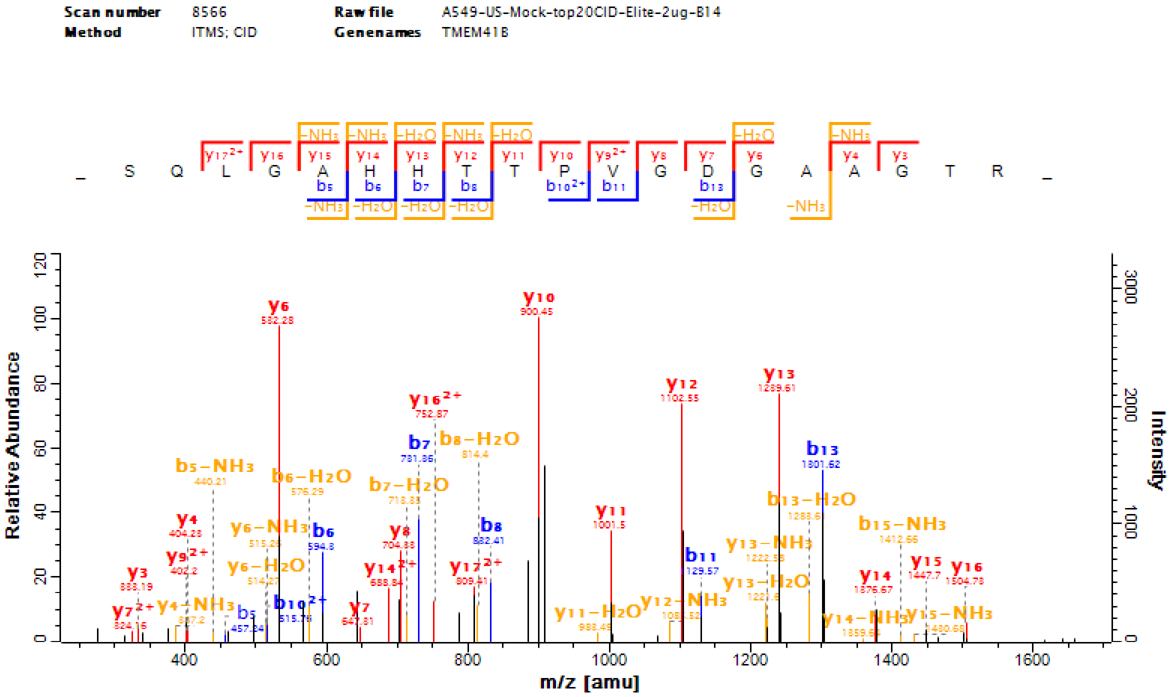
Scan number	23898	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	TP53I11



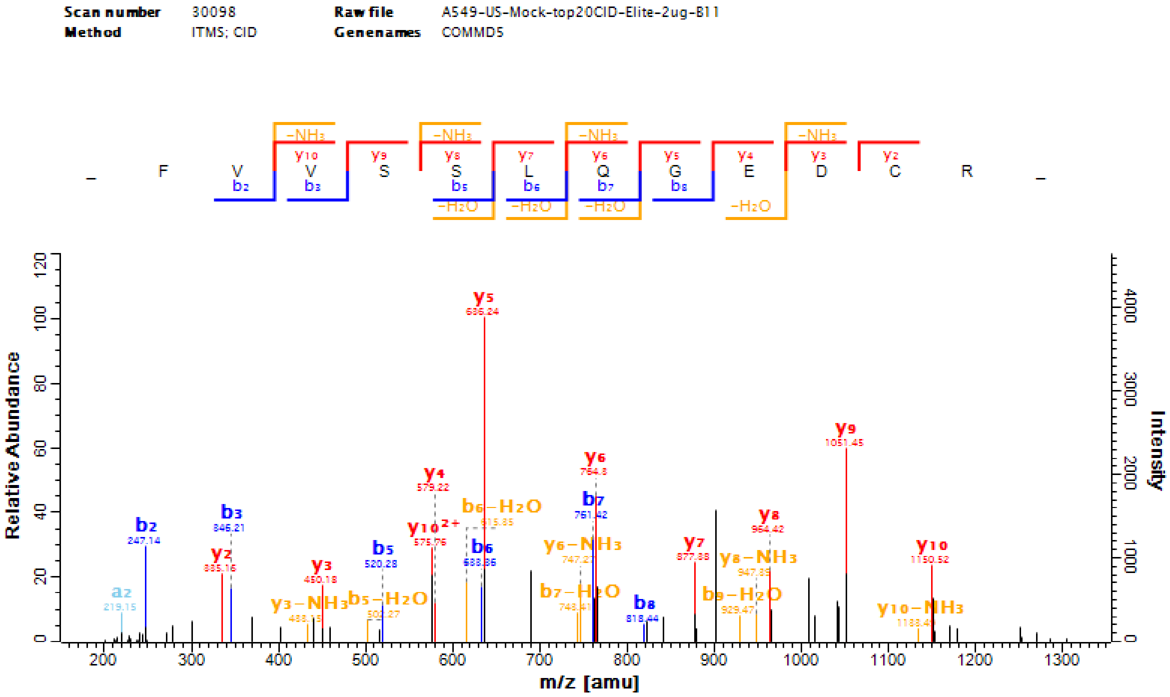
Protein Group ID: 935
Protein Accession Numbers: Q3B7T1; Q3B7T1-5; Q3B7T1-3; Q3B7T1-4; E9PJ07
Gene Names: EDRF1;C10orf137
Peptide Sequence: EAGAEGPPAGAAAR
Total Number of Spectra: 8
Number of Replicates (out of 8): 7
Best Match Score: 115.57
Best Match Posterior Error Probability: 0.00010623
Best Match Spectrum:



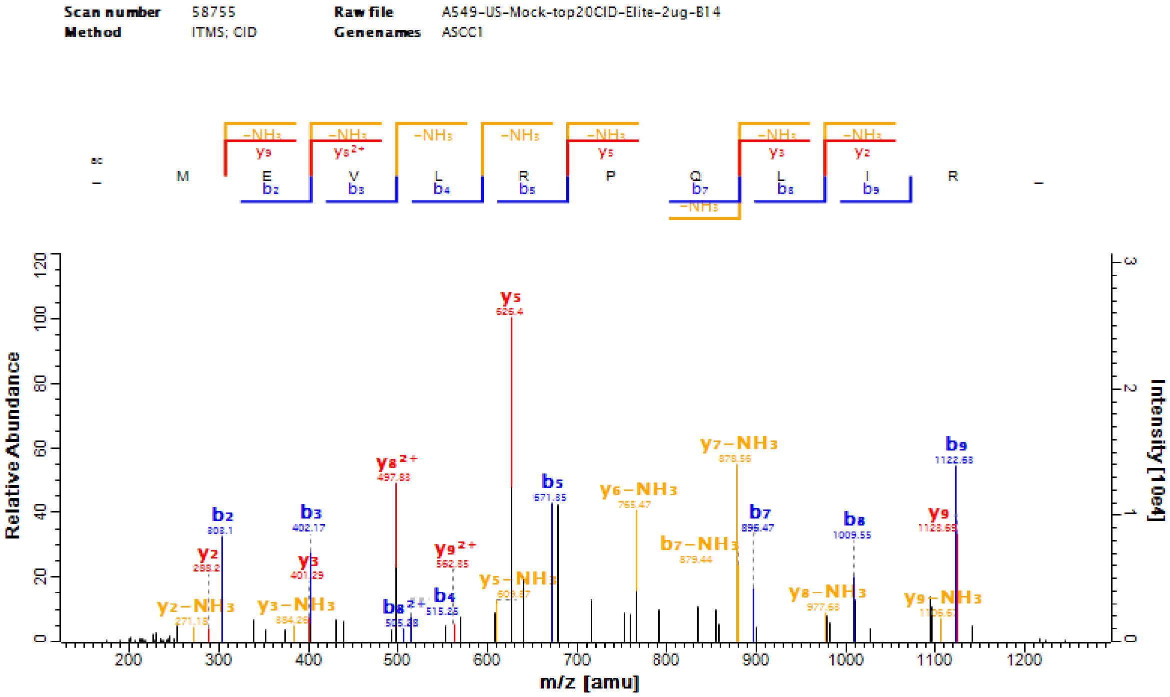
Protein Group ID: 937
Protein Accession Numbers: Q5BJD5; E9PJ42; Q5BJD5-2; Q5BJD5-3
Gene Names: TMEM41B
Peptide Sequence: SQLGAHHTTPVGDGAAGTR
Total Number of Spectra: 12
Number of Replicates (out of 8): 8
Best Match Score: 206.62
Best Match Posterior Error Probability: 1.86E-42
Best Match Spectrum:



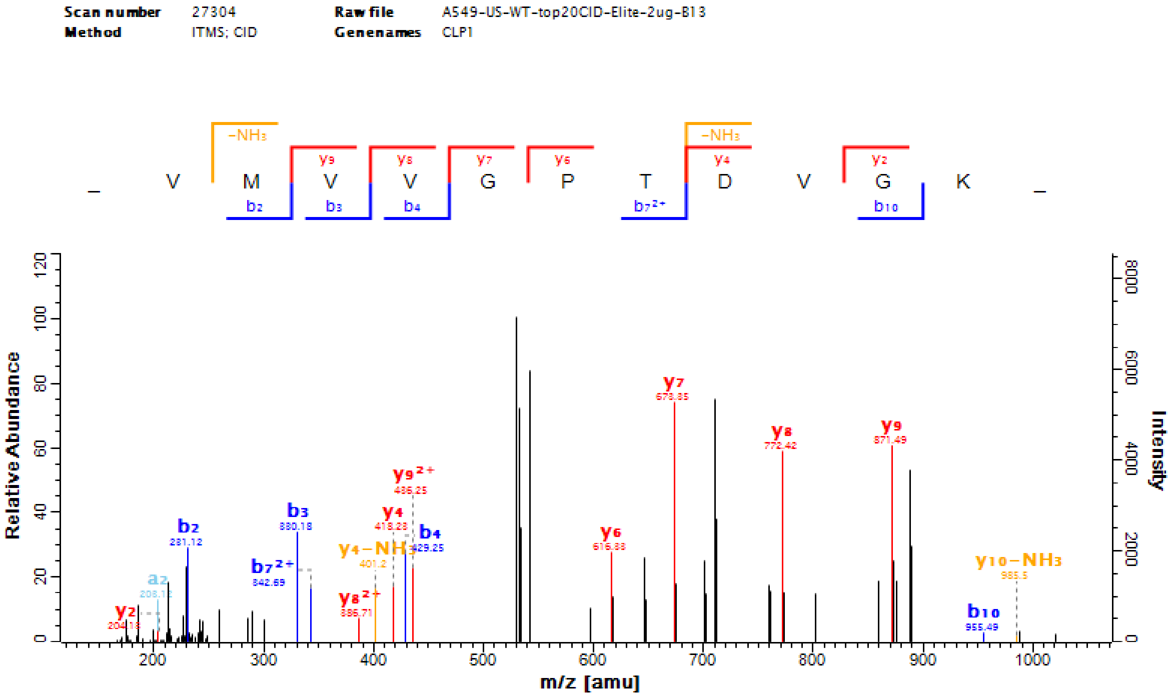
Protein Group ID: 942
Protein Accession Numbers: Q9GZQ3; E9PJE4
Gene Names: COMMD5
Peptide Sequence: FVVSSLQGEDCR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 154.36
Best Match Posterior Error Probability: 1.52E-06
Best Match Spectrum:



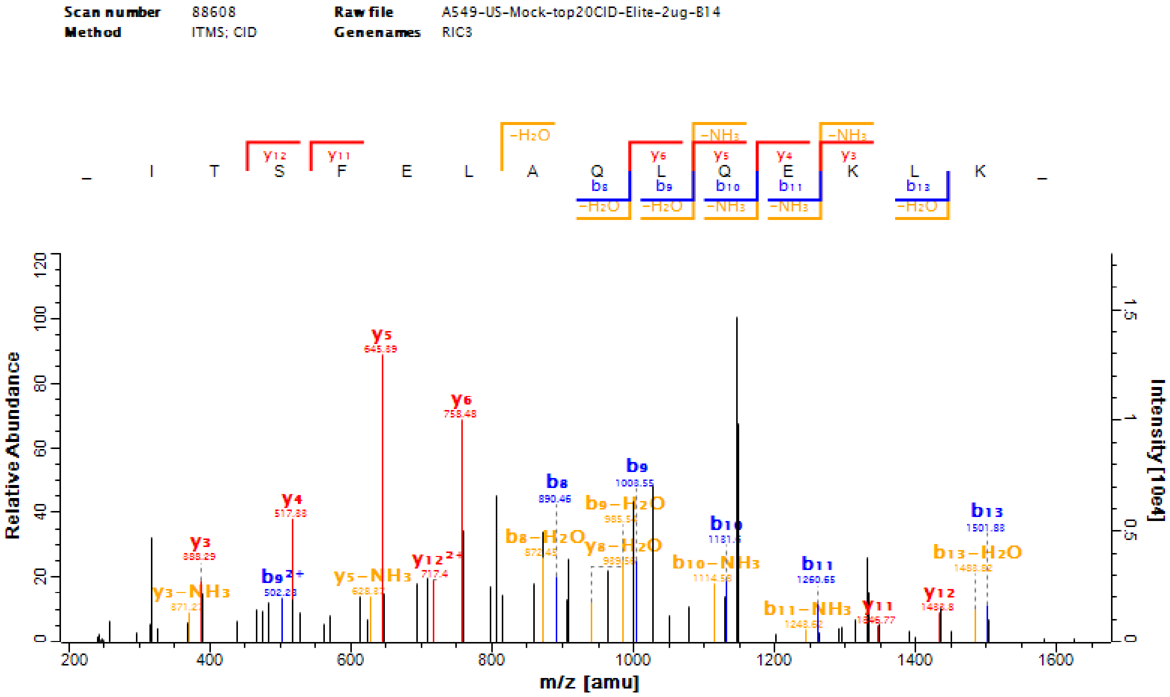
Protein Group ID: 943
Protein Accession Numbers: Q8N9N2; Q8N9N2-2; E9PQZ6; E9PR40; E9PKM6; E9PL92; E9PJM2; E9PQ44
Gene Names: ASCC1
Peptide Sequence: MEVLRPQLIR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 135.55
Best Match Posterior Error Probability: 5.50E-05
Best Match Spectrum:



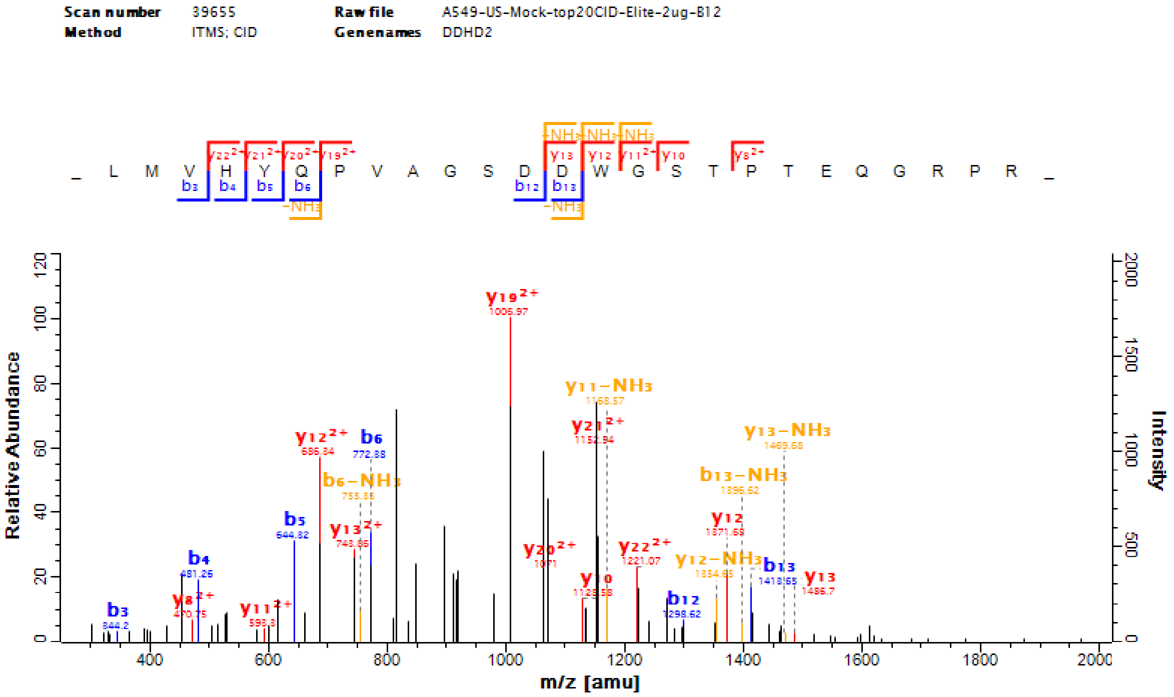
Protein Group ID: 944
Protein Accession Numbers: E9PL17; Q92989; Q92989-2; E9PJM4
Gene Names: CLP1
Peptide Sequence: VMVVGPTDVGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 82.417
Best Match Posterior Error Probability: 0.003201
Best Match Spectrum:



Protein Group ID: 946
Protein Accession Numbers: Q7Z5B4; Q7Z5B4-5; E9PK46; F5GZ89
Gene Names: RIC3
Peptide Sequence: ITSFELAQLQEKLK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 115.12
Best Match Posterior Error Probability: 0.00050755
Best Match Spectrum:

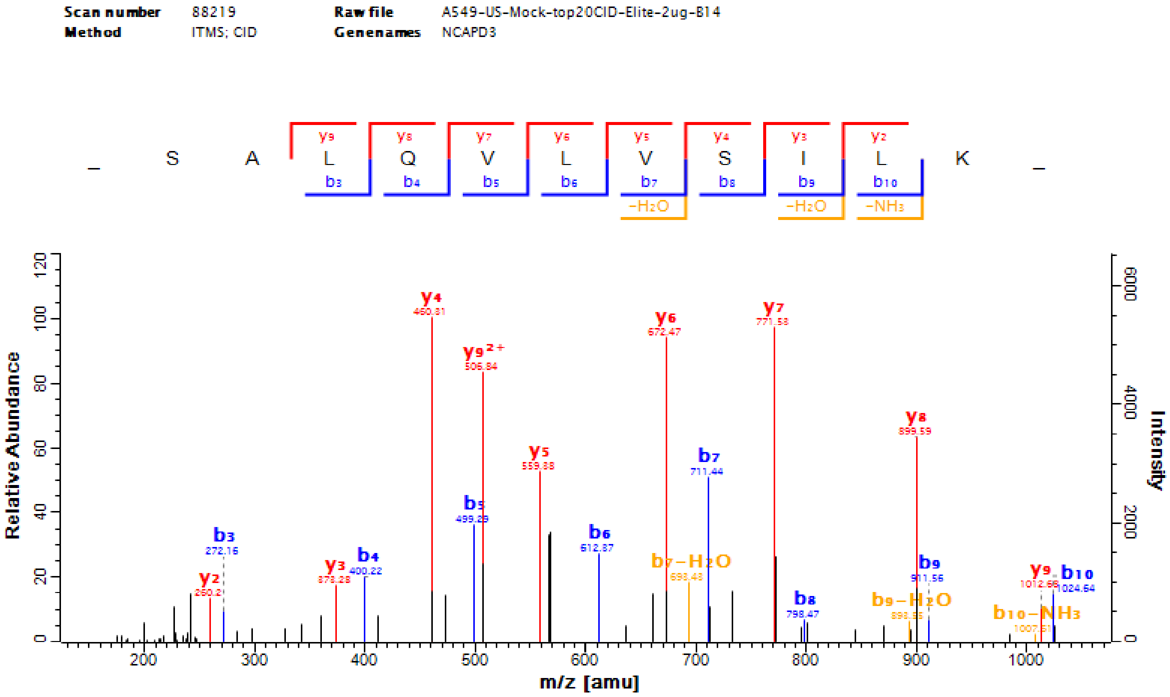


Protein Group ID: 949
Protein Accession Numbers: O94830; E9PKE6
Gene Names: DDHD2
Peptide Sequence: LMVHYQPVAGSDDWGSTPTEQGRPR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 72.09
Best Match Posterior Error Probability: 0.0013593
Best Match Spectrum:

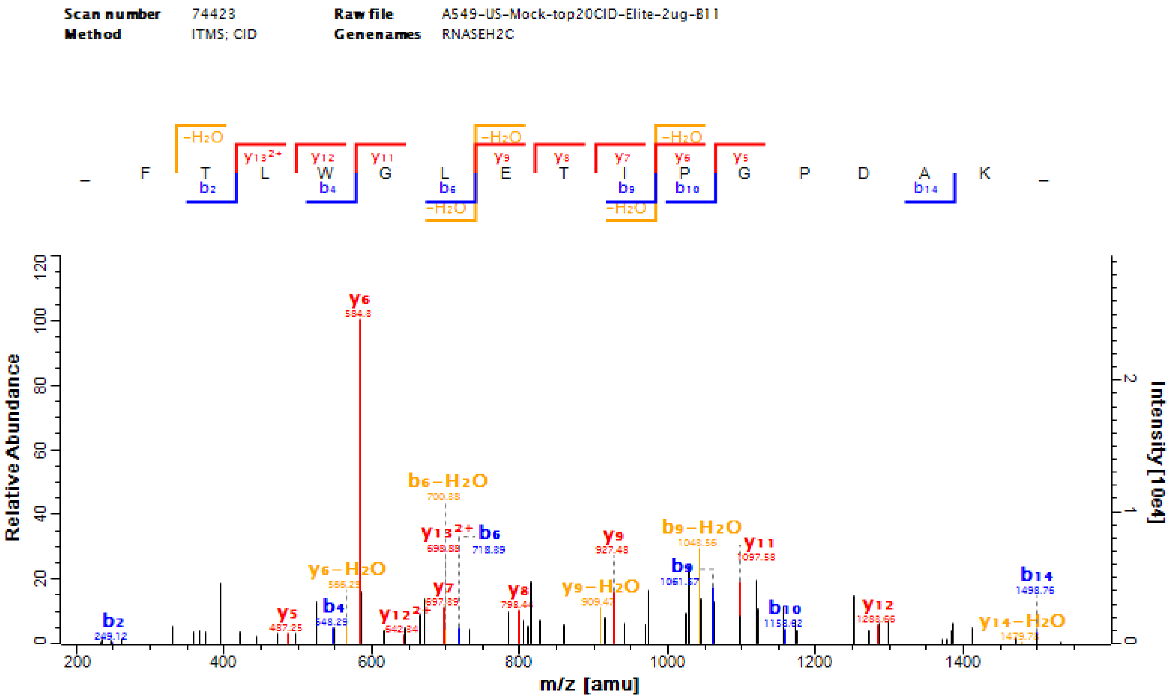


Scan number 39655 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** DDHD2

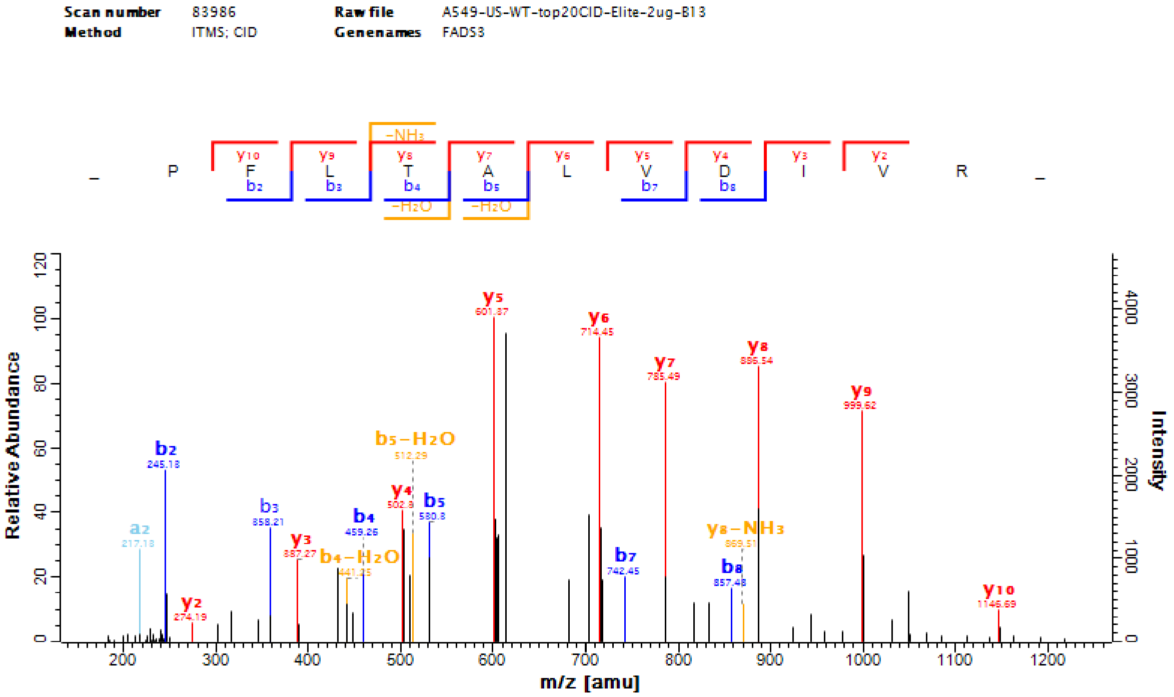
Protein Group ID: 953
Protein Accession Numbers: P42695; G3V1A9; E9PKK4
Gene Names: NCAPD3
Peptide Sequence: SALQVLVSILK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 120.87
Best Match Posterior Error Probability: 5.44E-05
Best Match Spectrum:



Protein Group ID: 954
Protein Accession Numbers: E9PN81; Q8TDP1; Q8TDP1-2; H0YEF3; H0YCP5; H0YE52; E9PKP0
Gene Names: RNASEH2C
Peptide Sequence: FTLWGLETIPGPDAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 81.703
Best Match Posterior Error Probability: 0.0022241
Best Match Spectrum:

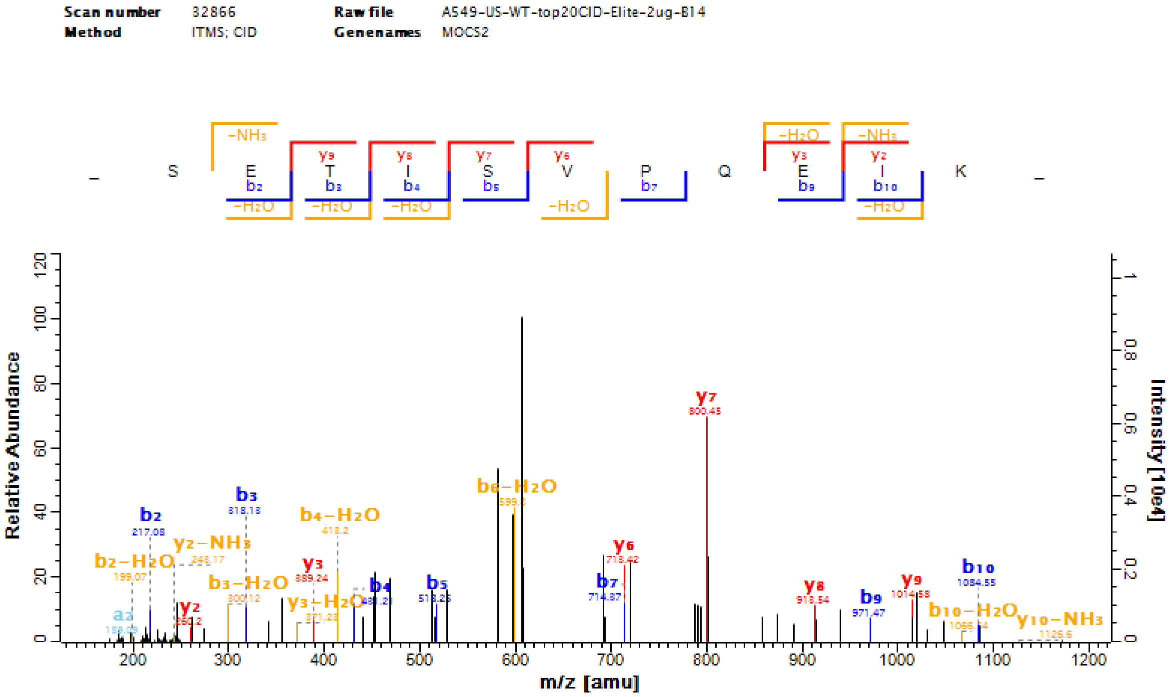


Protein Group ID: 956
Protein Accession Numbers: Q9Y5Q0; E9PS00; E9PKP8; H0YED5; H0YCN1
Gene Names: FADS3
Peptide Sequence: PFLTALVDIVR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 113.22
Best Match Posterior Error Probability: 0.00011911
Best Match Spectrum:

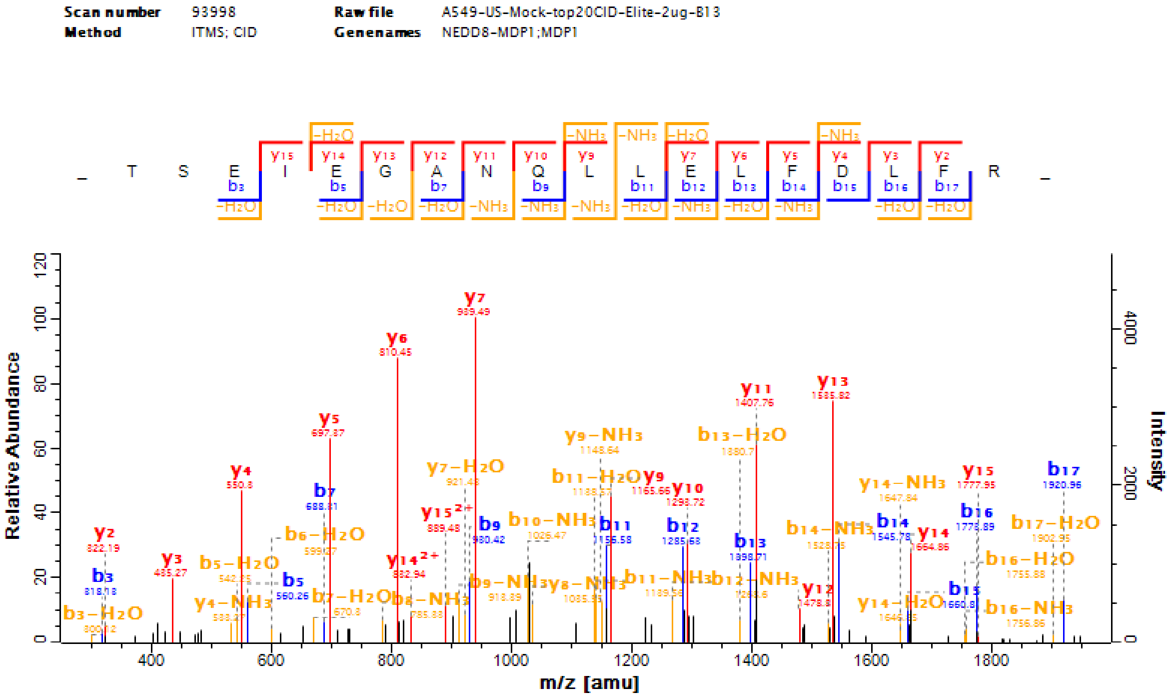


Scan number 83986
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B13
Genenames FADS3

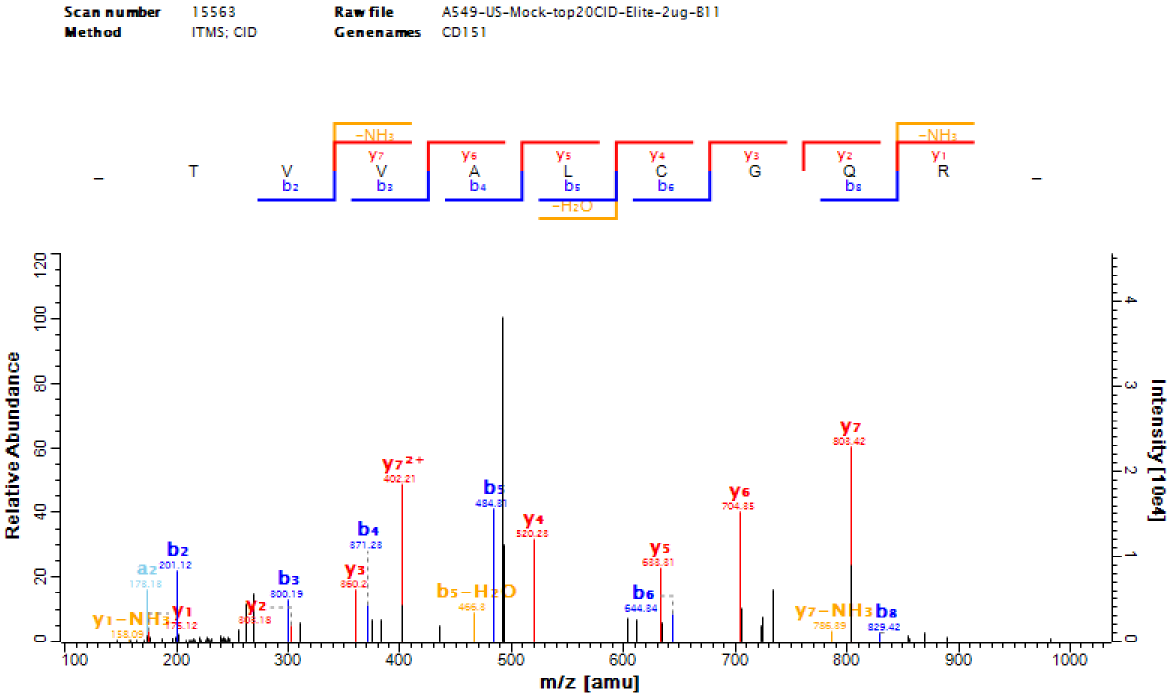
Protein Group ID: 958
Protein Accession Numbers: O96033; E9PKT9
Gene Names: MOCS2
Peptide Sequence: SETISVPQEIK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 86.114
Best Match Posterior Error Probability: 0.002104
Best Match Spectrum:



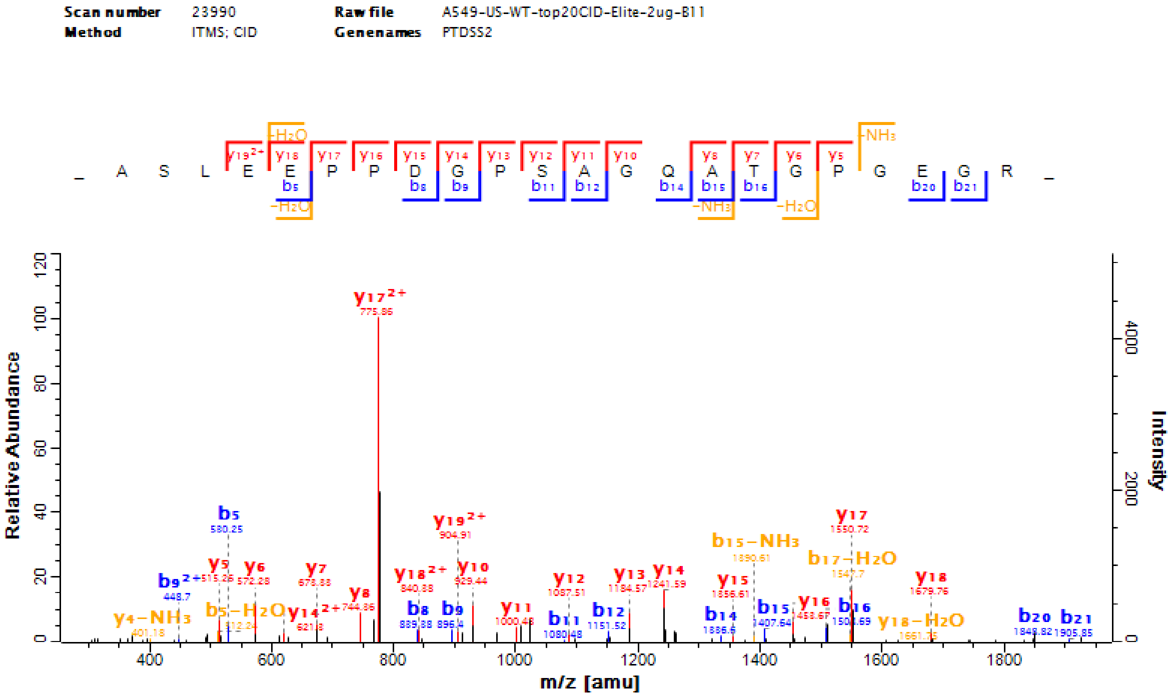
Protein Group ID: 959
Protein Accession Numbers: E9PL57; Q86V88; Q86V88-2; Q86V88-3
Gene Names: NEDD8-MDP1;MDP1
Peptide Sequence: TSEIEGANQLLELFDLFR
Total Number of Spectra: 12
Number of Replicates (out of 8): 8
Best Match Score: 272.4
Best Match Posterior Error Probability: 2.25E-119
Best Match Spectrum:



Protein Group ID: 960
Protein Accession Numbers: P48509; E9PMR4; E9PRJ3; E9PL82
Gene Names: CD151
Peptide Sequence: TVVALCGQR
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 125.82
Best Match Posterior Error Probability: 0.00022929
Best Match Spectrum:

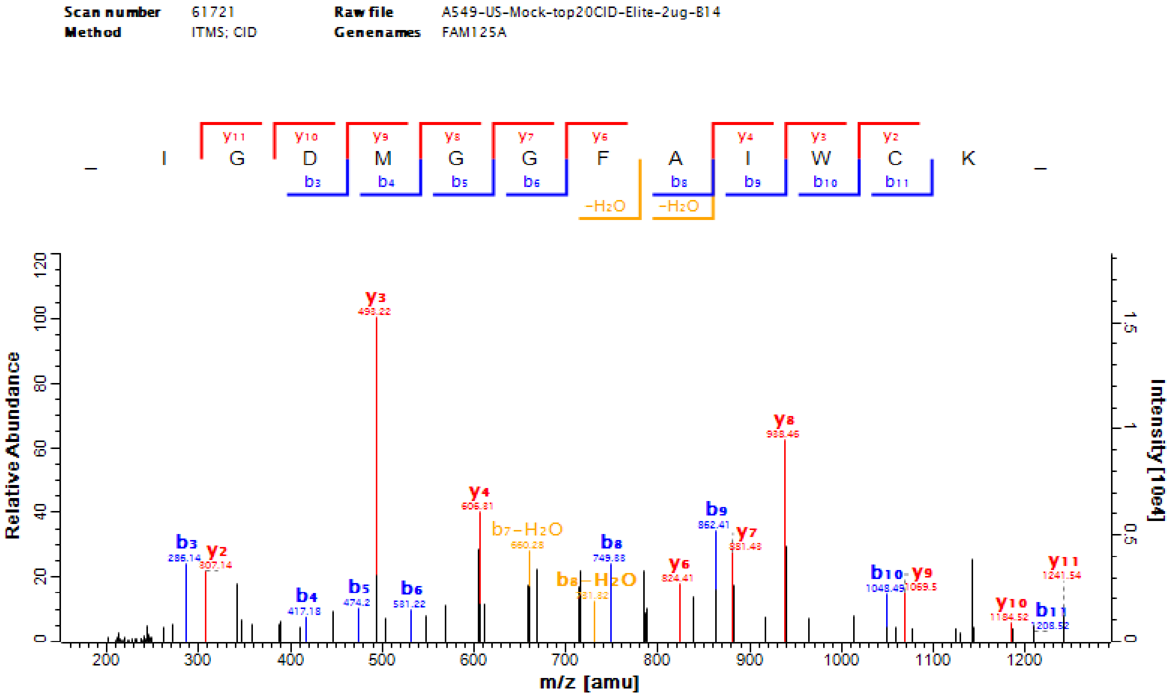


Protein Group ID: 961
Protein Accession Numbers: Q9BVG9; E9PLE4; E9PS47
Gene Names: PTDSS2
Peptide Sequence: ASLEEPPDGPSAGQATGPGEGR
Total Number of Spectra: 11
Number of Replicates (out of 8): 8
Best Match Score: 159.74
Best Match Posterior Error Probability: 3.79E-15
Best Match Spectrum:

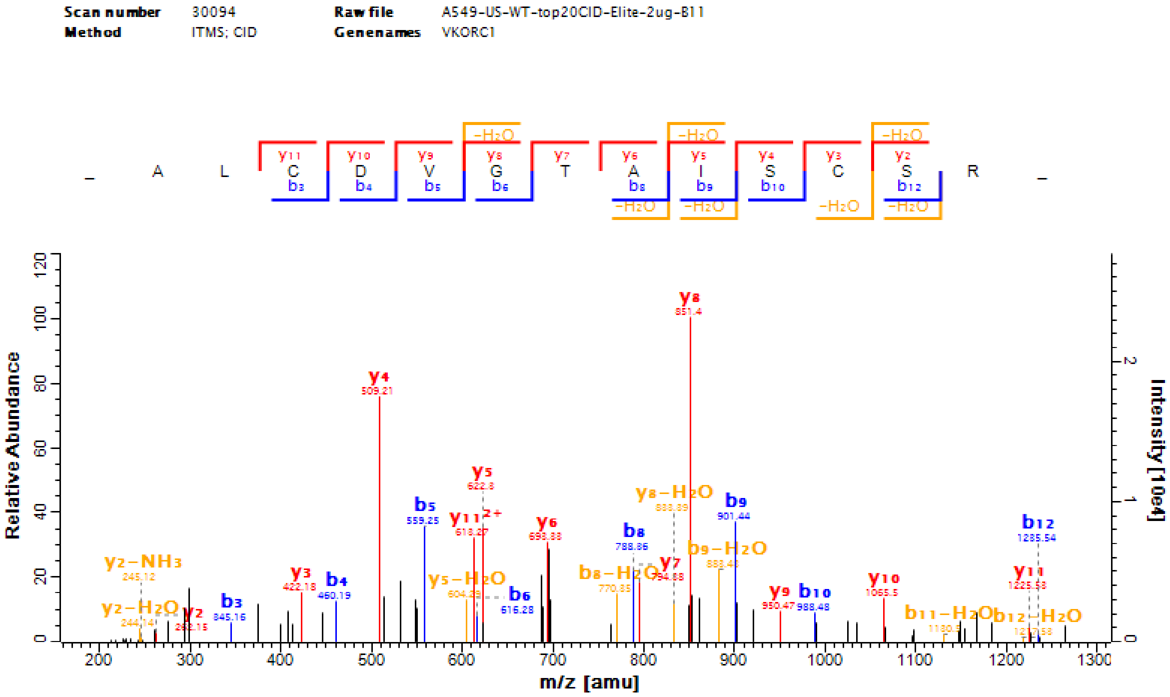


Scan number 23990 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** PTDSS2

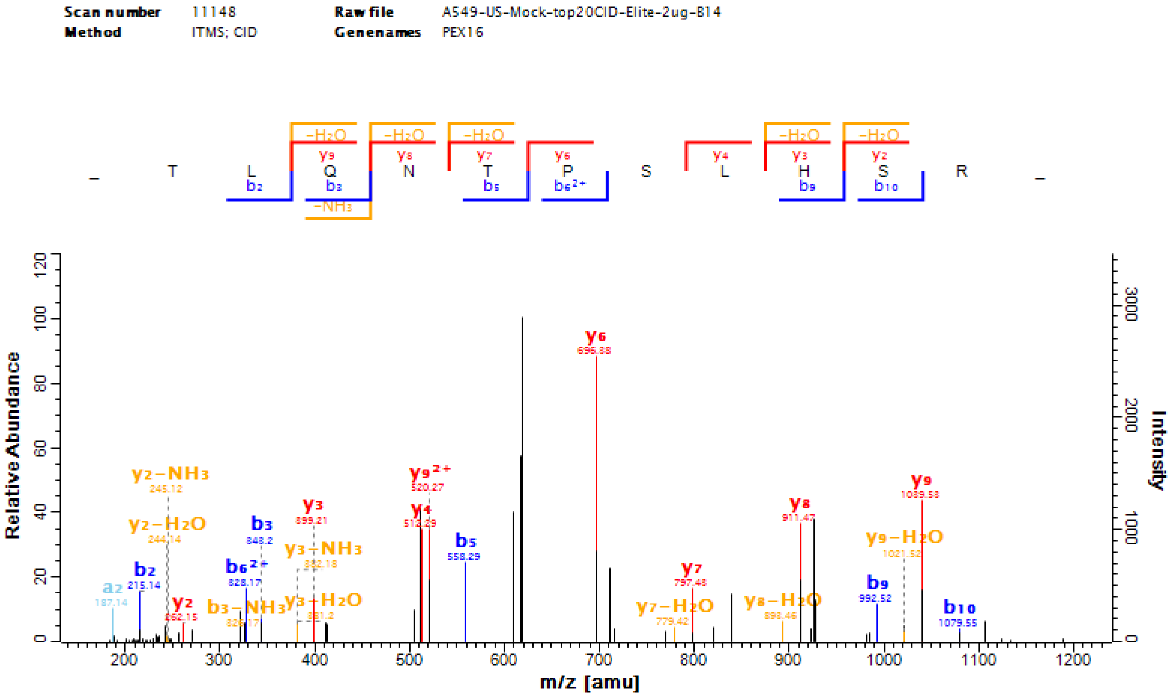
Protein Group ID: 964
Protein Accession Numbers: E9PQA6; Q96EY5; Q96EY5-3; E9PLL0
Gene Names: FAM125A
Peptide Sequence: IGDMGGFAIWCK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 105.17
Best Match Posterior Error Probability: 0.00038567
Best Match Spectrum:



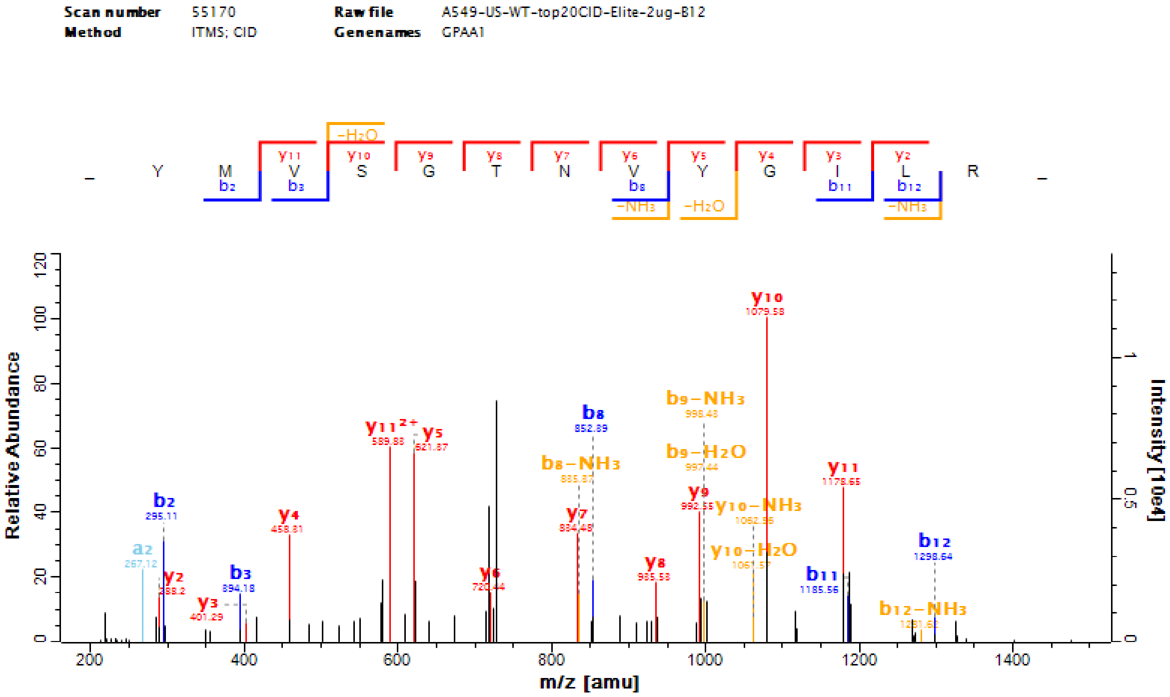
Protein Group ID: 966
Protein Accession Numbers: E9PLN8; Q9BQB6; Q9BQB6-2; F8W9H0; I3L3B4; Q9BQB6-3
Gene Names: VKORC1
Peptide Sequence: ALCDVGTAISCSR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 147.73
Best Match Posterior Error Probability: 1.82E-06
Best Match Spectrum:



Protein Group ID: 968
Protein Accession Numbers: Q9Y5Y5-2; Q9Y5Y5; E9PP98; E9PMM3; E9PLS4
Gene Names: PEX16
Peptide Sequence: TLQNTPSLHSR
Total Number of Spectra: 7
Number of Replicates (out of 8): 6
Best Match Score: 119.74
Best Match Posterior Error Probability: 6.40E-05
Best Match Spectrum:

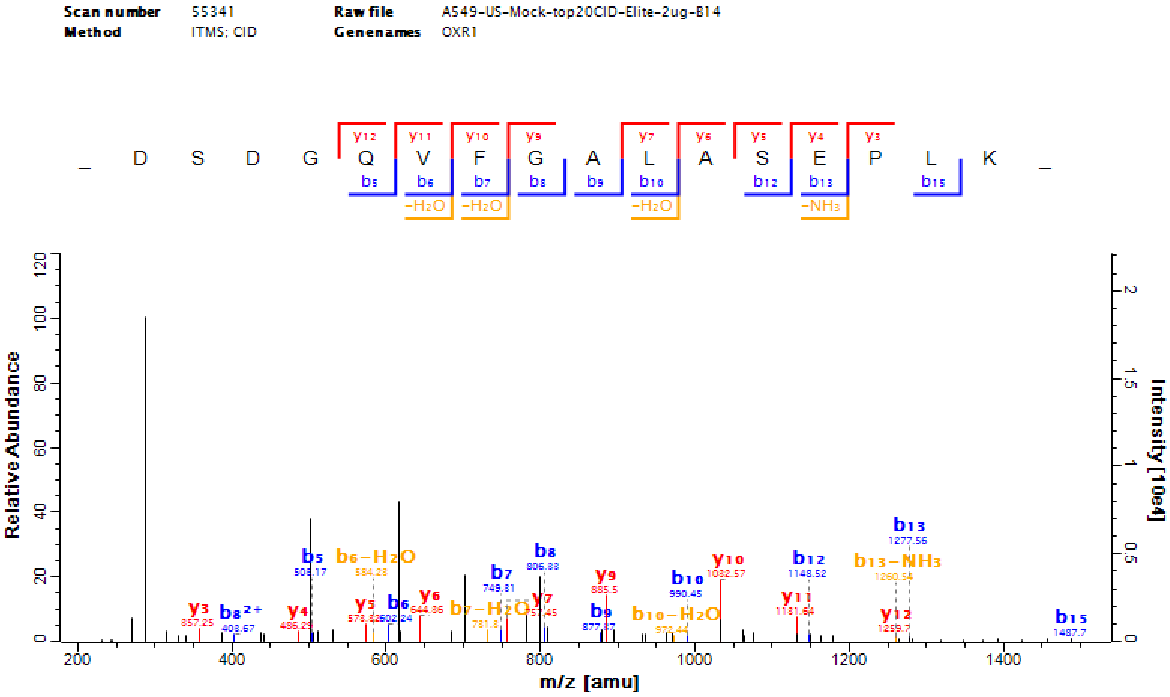


Protein Group ID: 969
Protein Accession Numbers: O43292; O43292-2; E9PPZ9; E9PLV6
Gene Names: GPAA1
Peptide Sequence: YMVSGTNVYGILR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 144.57
Best Match Posterior Error Probability: 4.74E-06
Best Match Spectrum:

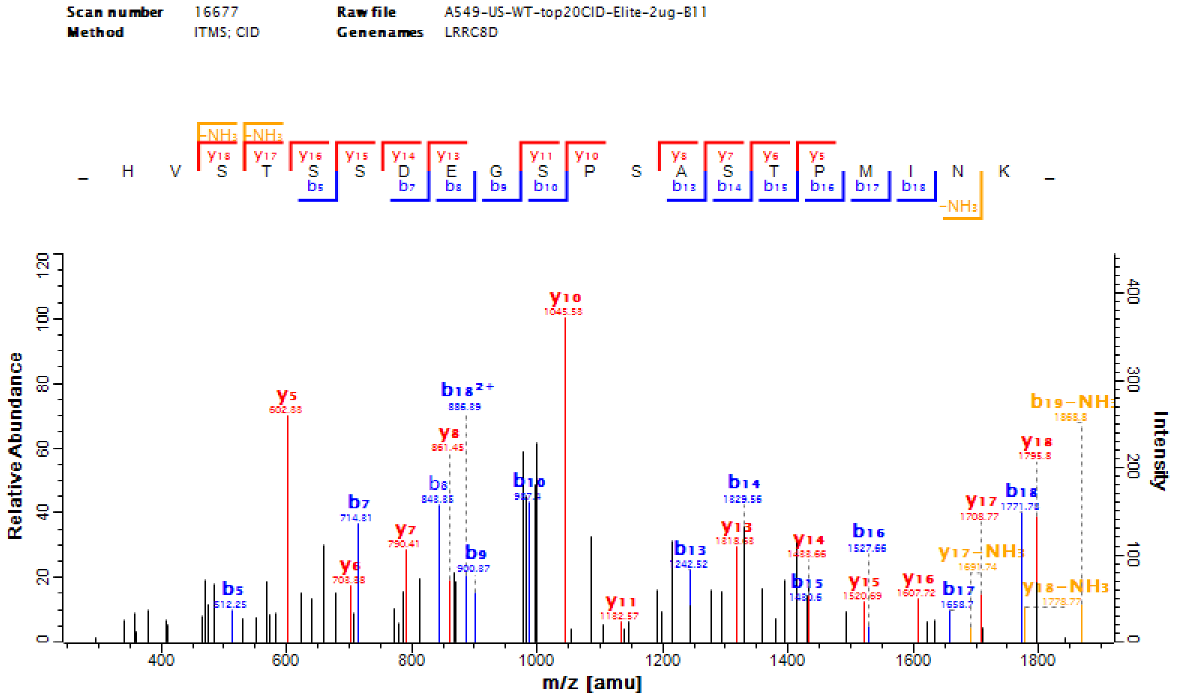


Scan number 55170 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** GPAA1

Protein Group ID: 970
Protein Accession Numbers: Q8N573; Q8N573-8; Q8N573-5; Q8N573-2; H0YC07; Q8N573-6; Q8N573-4; Q8N573-7; E9PLW2
Gene Names: OXR1
Peptide Sequence: DSDGQVFGALASEPLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 91.518
Best Match Posterior Error Probability: 0.00050492
Best Match Spectrum:

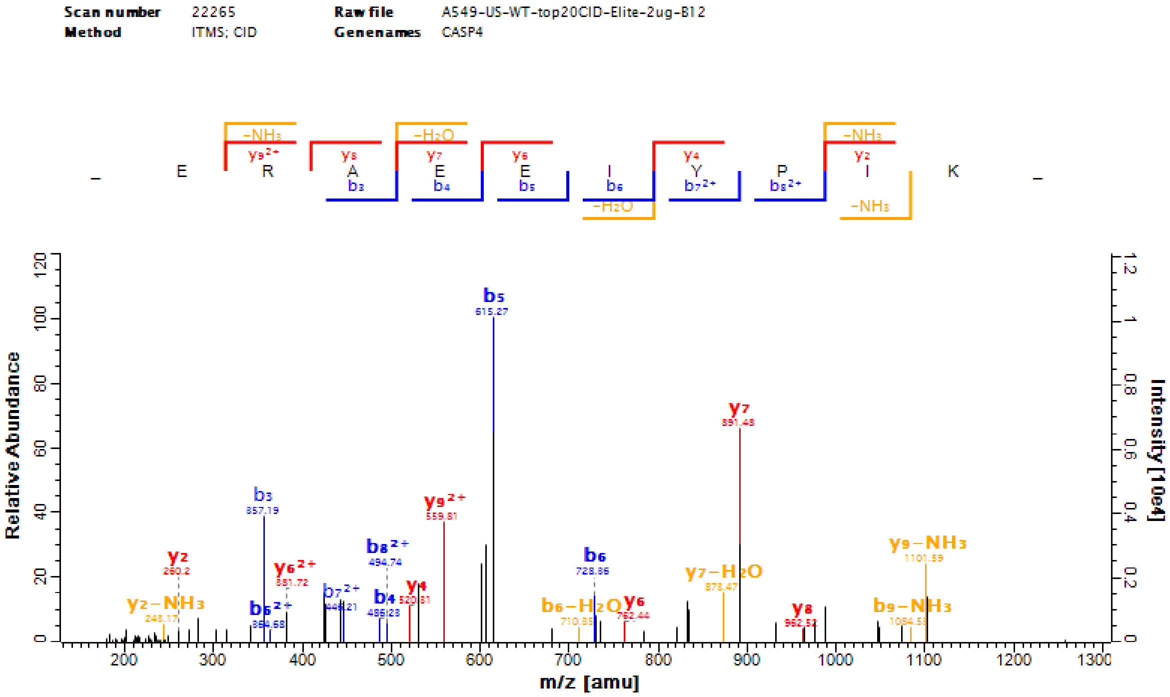


Protein Group ID: 974
Protein Accession Numbers: Q7L1W4; E9PMF9
Gene Names: LRRC8D
Peptide Sequence: HVSTSSDEGSPSASTPMINK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 107.41
Best Match Posterior Error Probability: 6.11E-05
Best Match Spectrum:

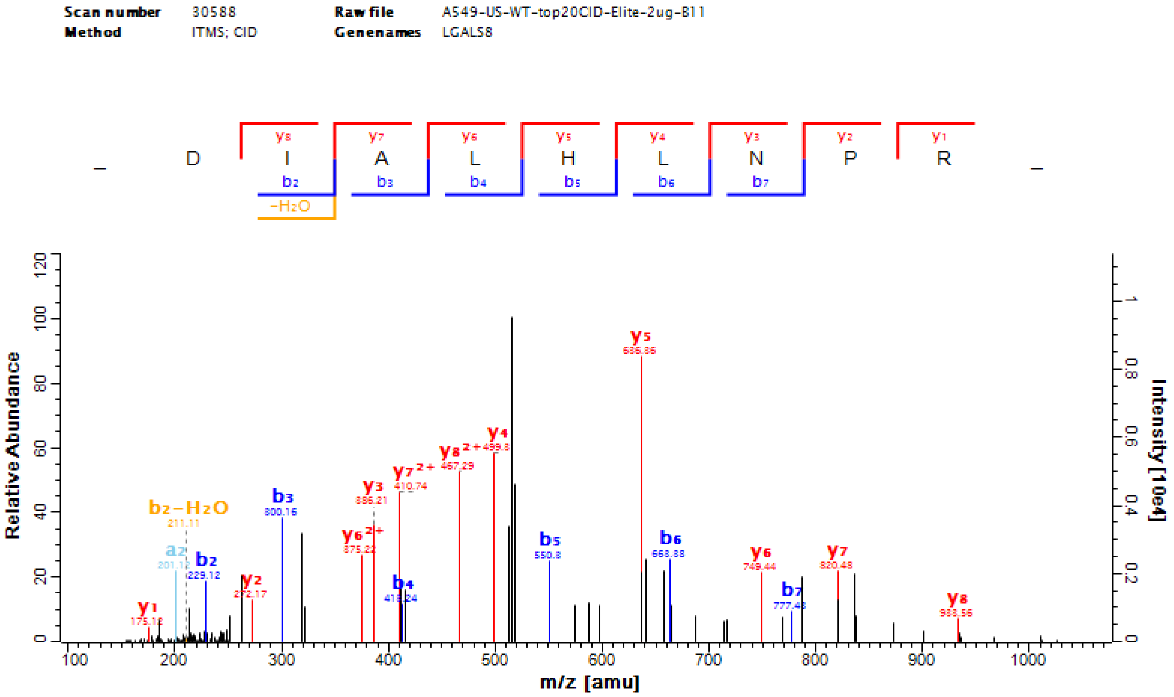


Scan number 16677 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** LRRC8D

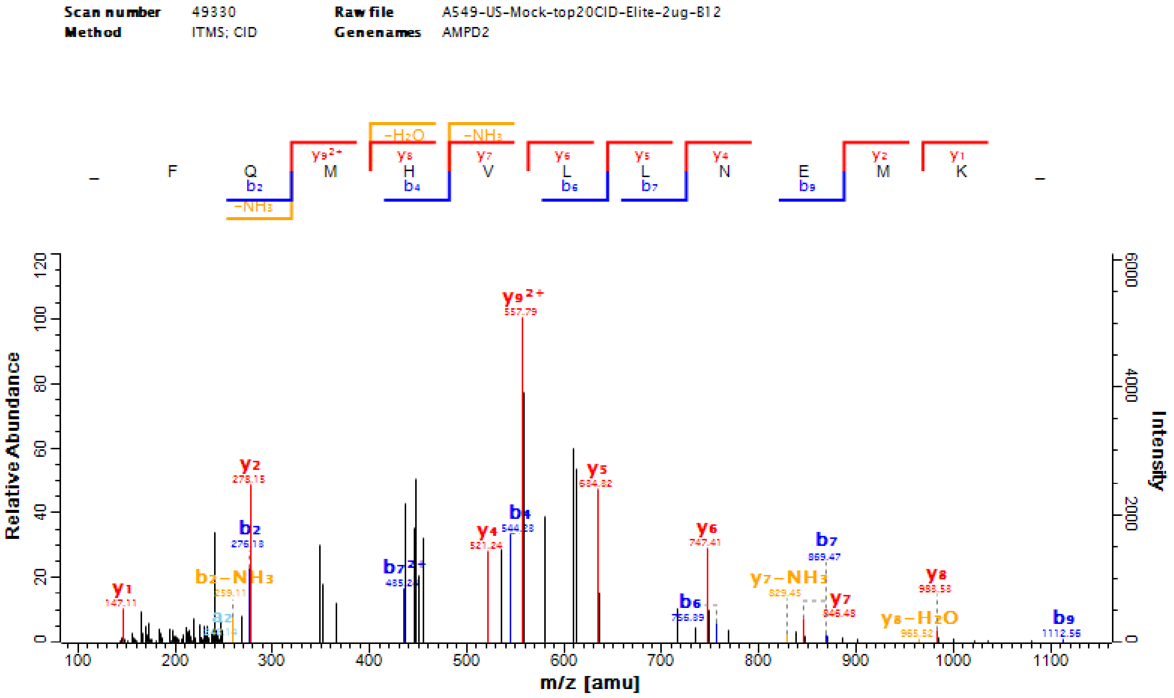
Protein Group ID: 979
Protein Accession Numbers: P49662; P49662-2; E9PMT1
Gene Names: CASP4
Peptide Sequence: ERAEEIYPIK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 110.84
Best Match Posterior Error Probability: 0.0014245
Best Match Spectrum:



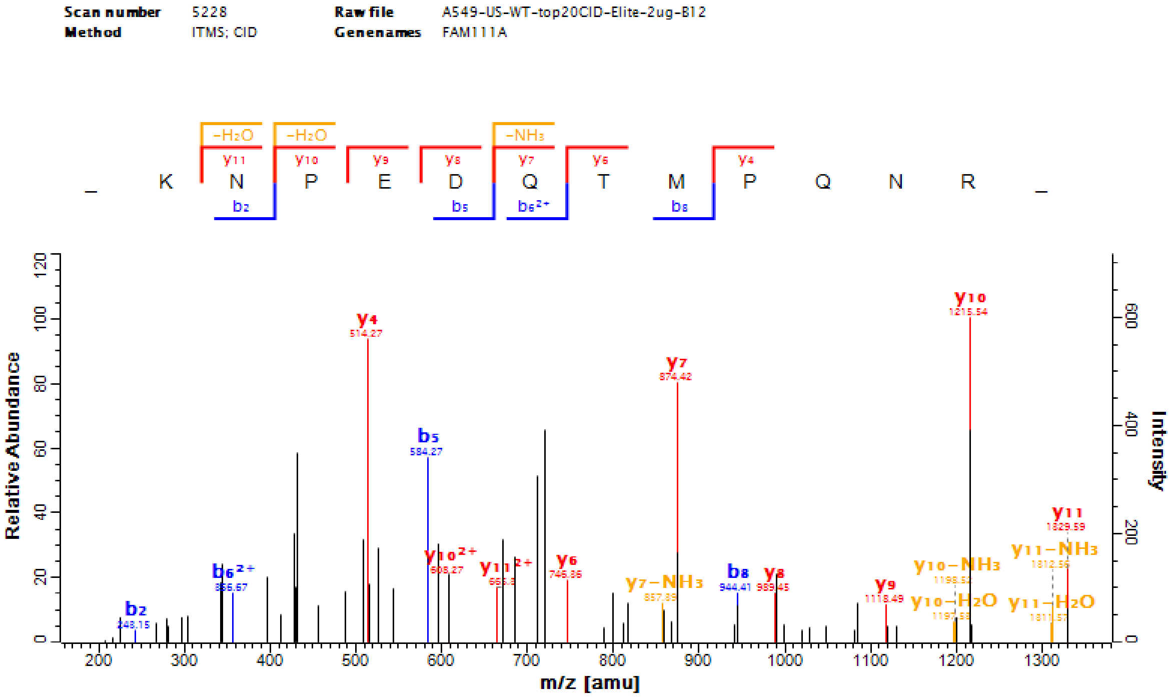
Protein Group ID: 981
Protein Accession Numbers: O00214-2; O00214; F6V2D4; E9PN19; H7BXD8
Gene Names: LGALS8
Peptide Sequence: DIALHLNPR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 122.28
Best Match Posterior Error Probability: 0.00030596
Best Match Spectrum:



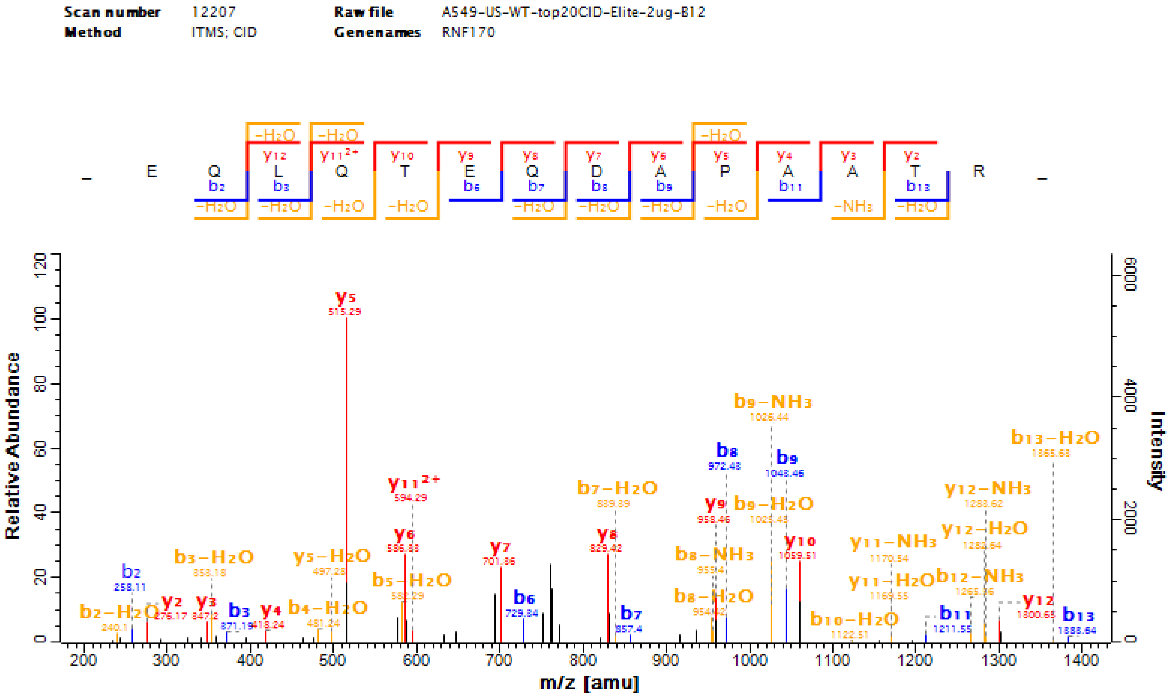
Protein Group ID: 982
Protein Accession Numbers: Q01433; H0Y360; Q01433-4; Q01433-2; E9PNG0; Q01433-3
Gene Names: AMPD2
Peptide Sequence: FQMHVLLNEMK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 87.667
Best Match Posterior Error Probability: 0.00172
Best Match Spectrum:



Protein Group ID: 985
Protein Accession Numbers: Q96PZ2; E9PR18; E9PNQ0
Gene Names: FAM111A
Peptide Sequence: KNPEDQTMPQNR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 105.03
Best Match Posterior Error Probability: 0.00090905
Best Match Spectrum:

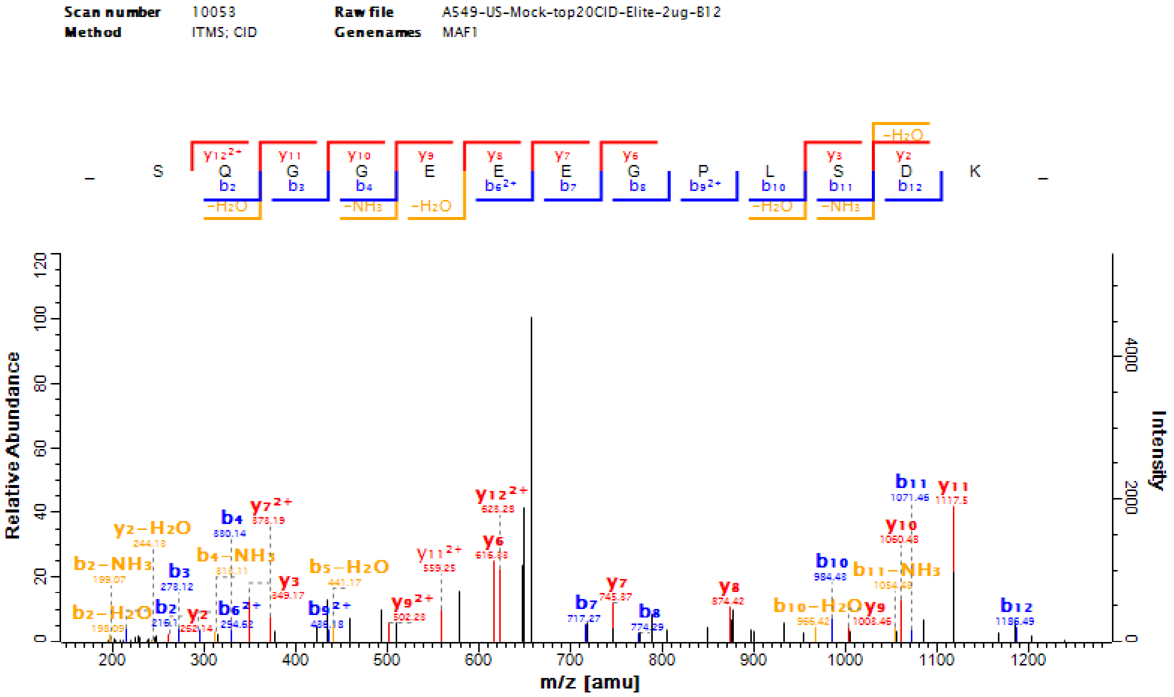


Protein Group ID: 988
Protein Accession Numbers: Q96K19; Q96K19-2; Q96K19-3; Q96K19-5; E9PP55
Gene Names: RNF170
Peptide Sequence: EQLQTEQDAPAATR
Total Number of Spectra: 9
Number of Replicates (out of 8): 7
Best Match Score: 181.58
Best Match Posterior Error Probability: 5.27E-19
Best Match Spectrum:



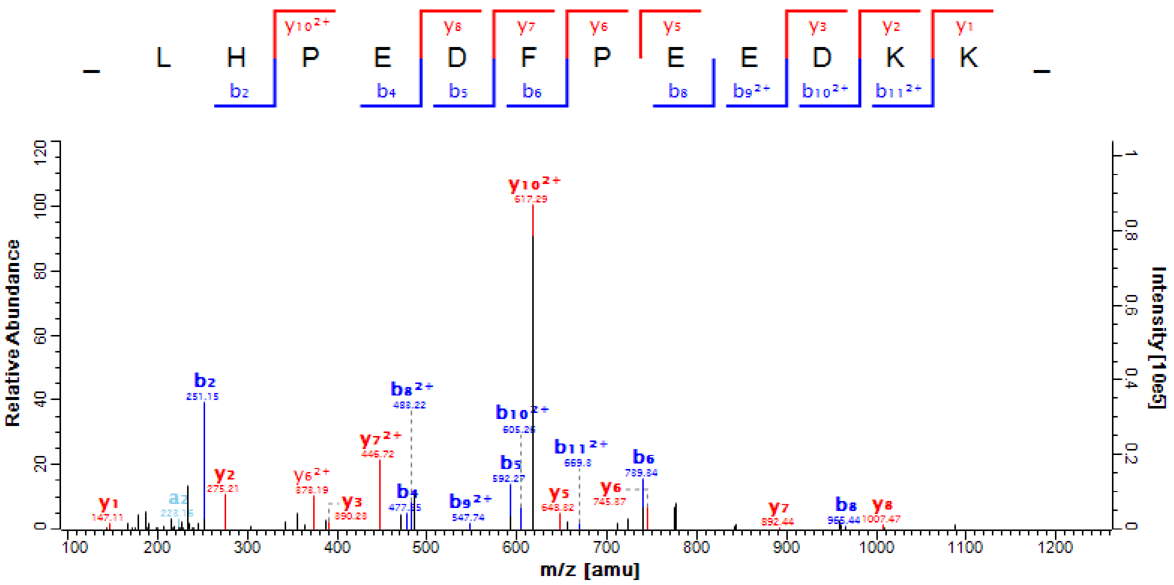
Scan number 12207 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** RNF170

Protein Group ID: 998
Protein Accession Numbers: E9PSH4; Q9H063; E9PR76
Gene Names: MAF1
Peptide Sequence: SQGGEEEGPLSDK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 135.14
Best Match Posterior Error Probability: 3.89E-05
Best Match Spectrum:

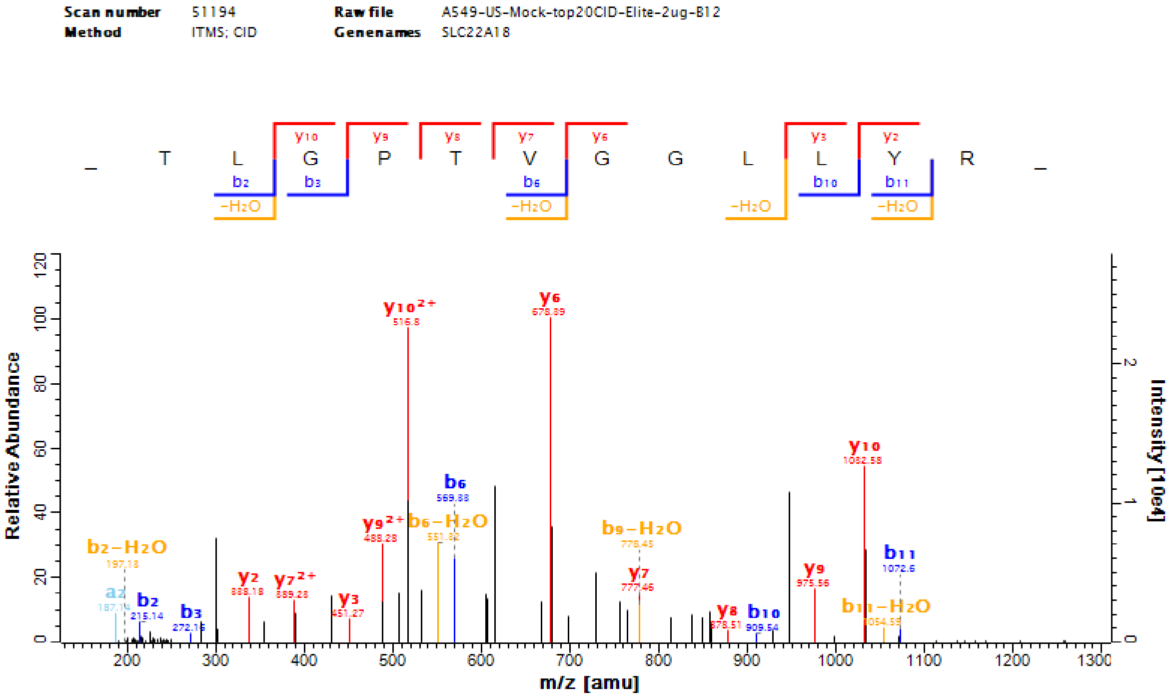


Protein Group ID: 999
Protein Accession Numbers: O95298; E9PRB2
Gene Names: NDUFC2
Peptide Sequence: LHPEDFPEEDKK
Total Number of Spectra: 9
Number of Replicates (out of 8): 6
Best Match Score: 129.82
Best Match Posterior Error Probability: 0.00023425
Best Match Spectrum:

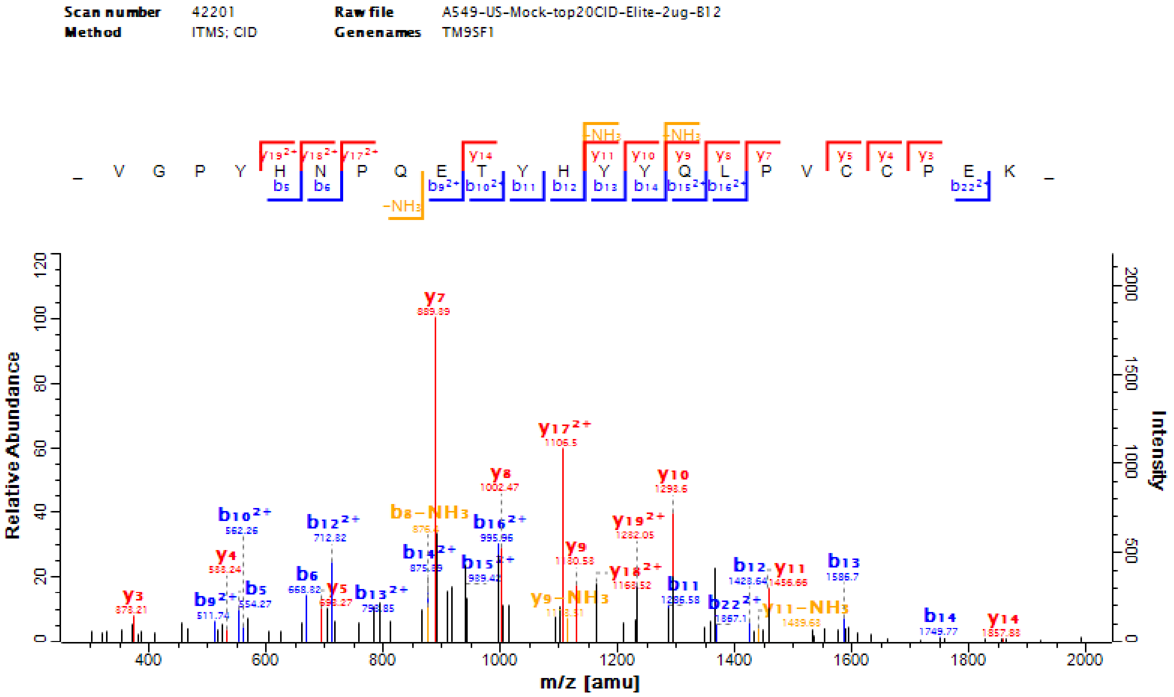
Scan number 15118 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** NDUFC2



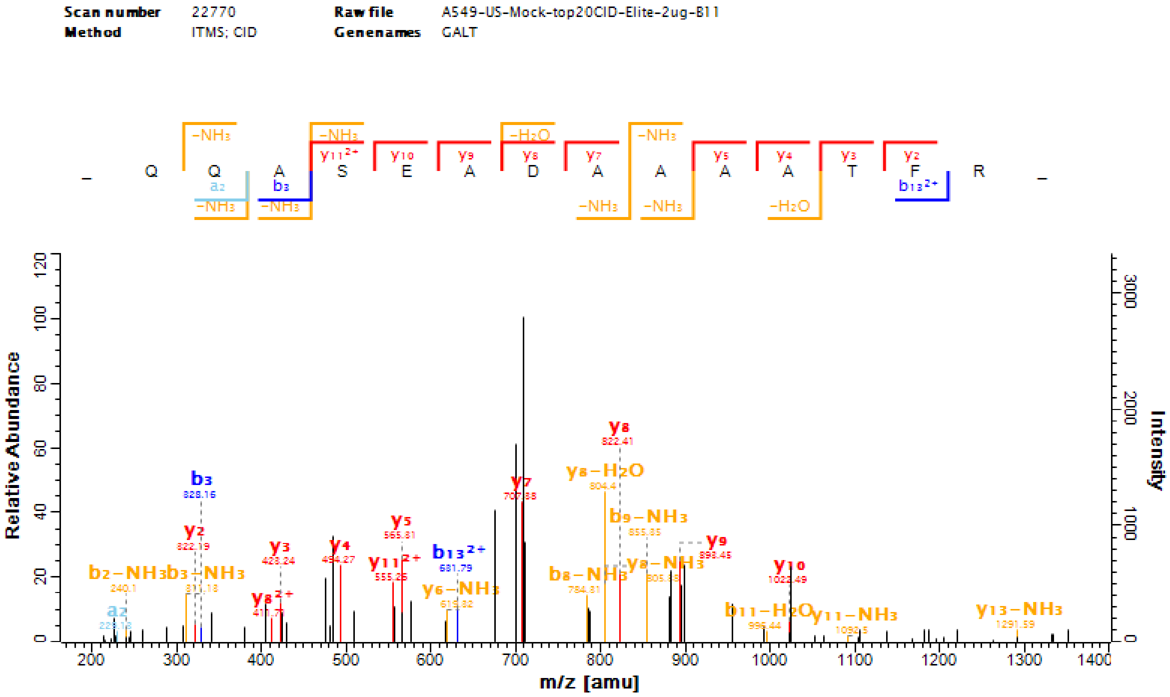
Protein Group ID: 1000
Protein Accession Numbers: Q96BI1; E9PRM7
Gene Names: SLC22A18
Peptide Sequence: TLGPTVGGLLYR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 110.08
Best Match Posterior Error Probability: 0.00026584
Best Match Spectrum:



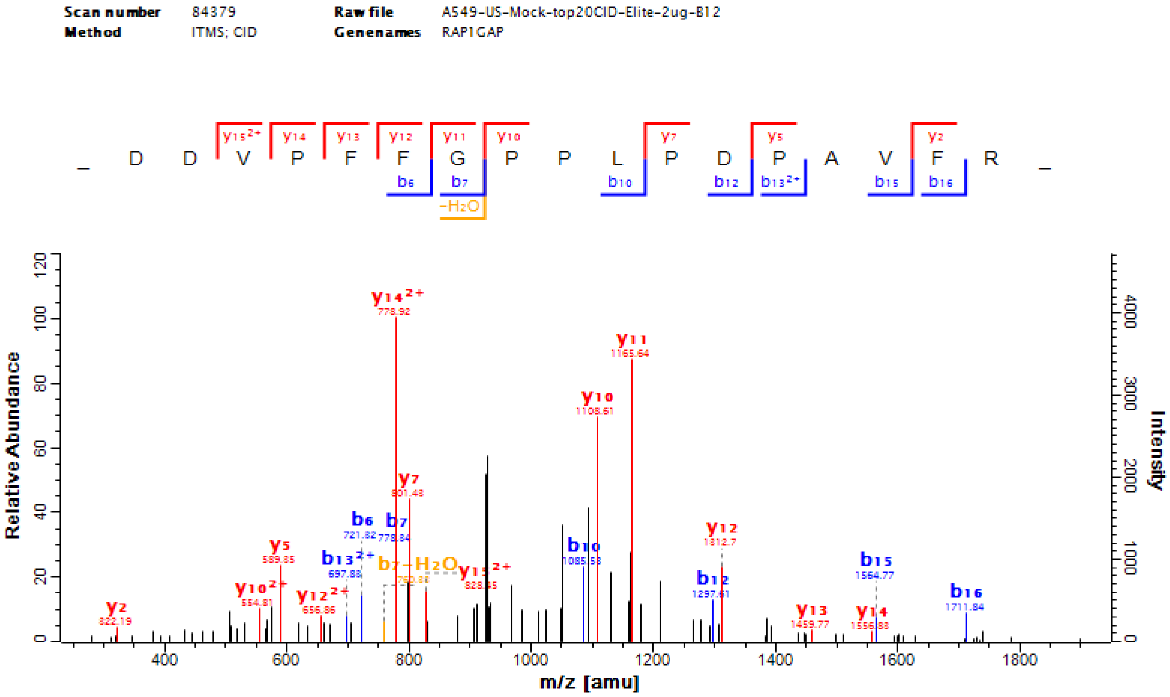
Protein Group ID: 1008
Protein Accession Numbers: E9PSI1; O15321; E9PMQ9; O15321-2; E9PJM1; E9PL78; E9PS99; E9PQY7; E9PJC4
Gene Names: TM9SF1
Peptide Sequence: VGPYHNPQETYHYYQLPVCCPEK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 123.19
Best Match Posterior Error Probability: 2.21E-09
Best Match Spectrum:



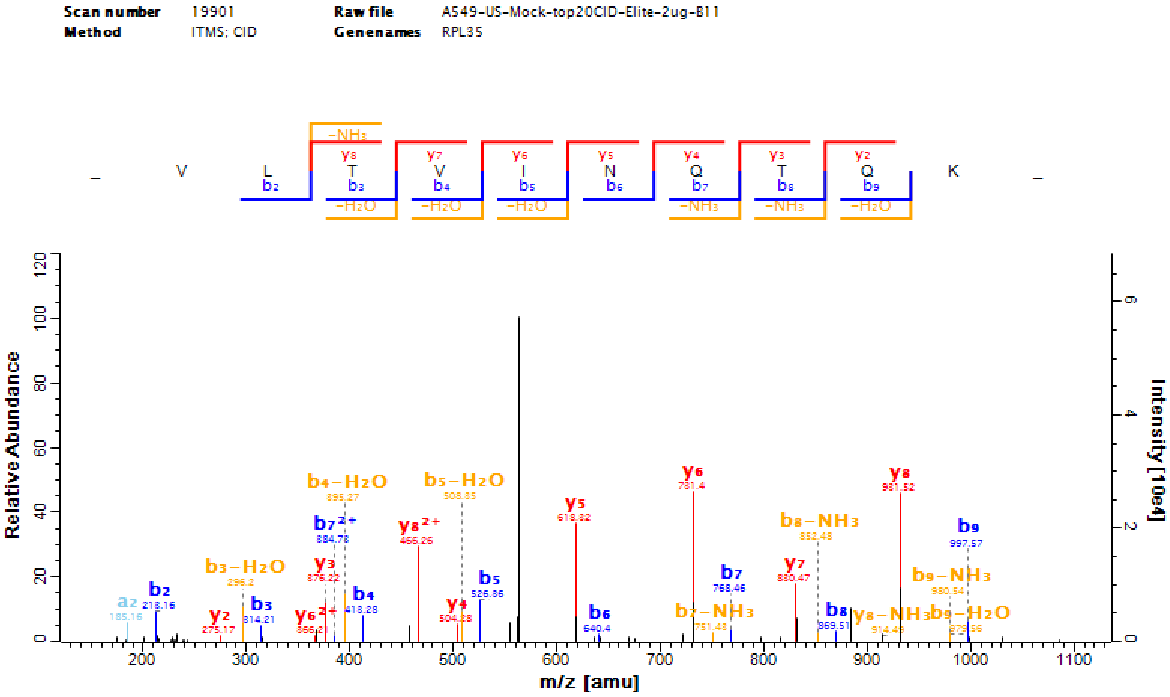
Protein Group ID: 1015
Protein Accession Numbers: P07902; G3V4G9; F2Z2X9; G3V223; G3V3U5
Gene Names: GALT
Peptide Sequence: QQASEADAAAATFR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 82.069
Best Match Posterior Error Probability: 0.0027382
Best Match Spectrum:



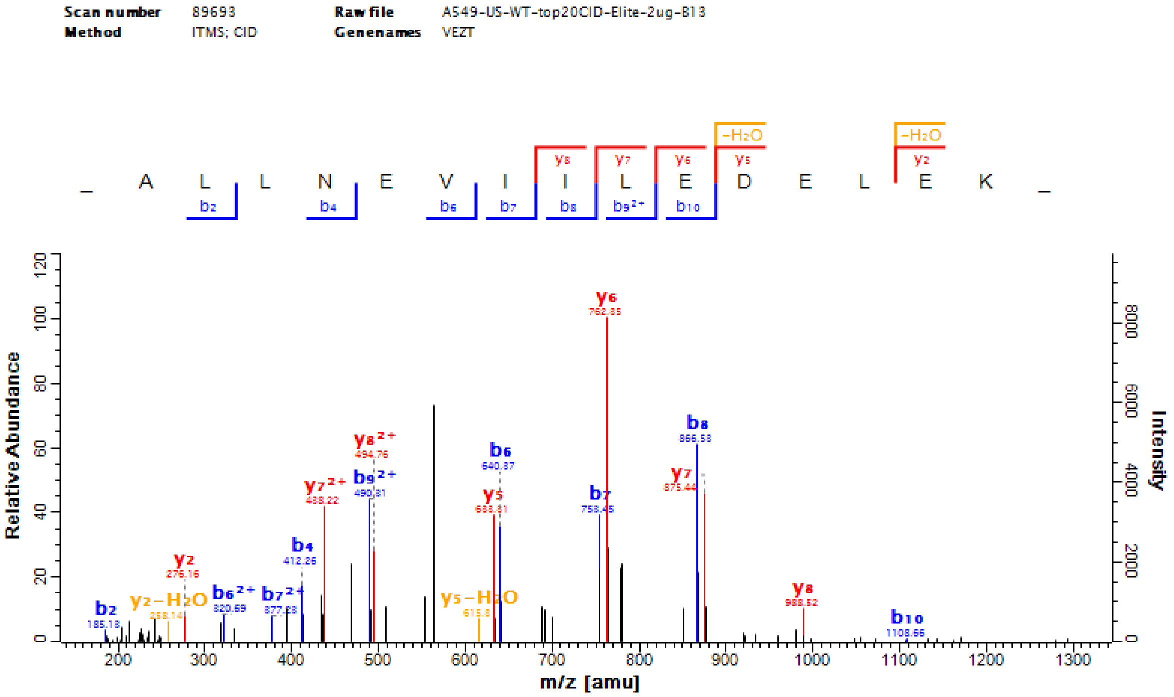
Protein Group ID: 1017
Protein Accession Numbers: J3QSS6; J3KPC5; P47736-3; P47736-2; P47736; G3V1A7; F2Z357
Gene Names: RAP1GAP
Peptide Sequence: DDVPFFGPPLPDPAVFR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 107.07
Best Match Posterior Error Probability: 0.00012085
Best Match Spectrum:



Protein Group ID: 1018
Protein Accession Numbers: P42766; F2Z388; H0Y3A0
Gene Names: RPL35
Peptide Sequence: VLTVINQTQK
Total Number of Spectra: 11
Number of Replicates (out of 8): 8
Best Match Score: 195.51
Best Match Posterior Error Probability: 5.83E-13
Best Match Spectrum:

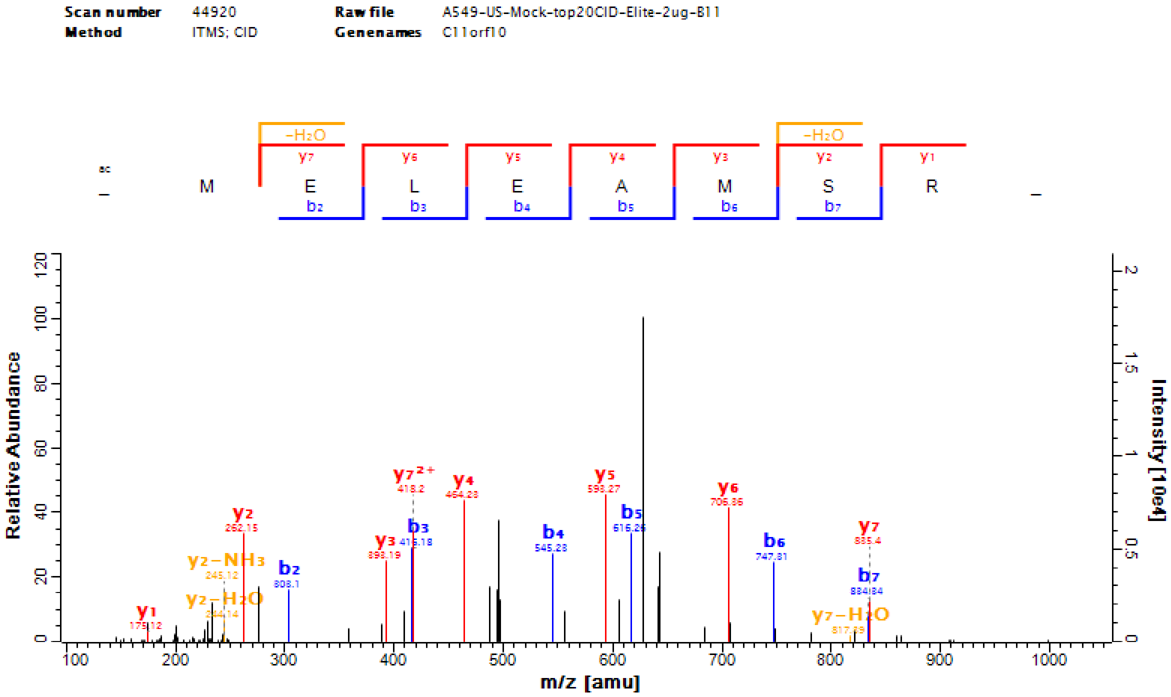


Protein Group ID: 1019
Protein Accession Numbers: Q9HBM0; F2Z3A6; F8W8C2; Q9HBM0-2
Gene Names: VEZT
Peptide Sequence: ALLNEVIILEDELEK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 92.939
Best Match Posterior Error Probability: 0.00061849
Best Match Spectrum:

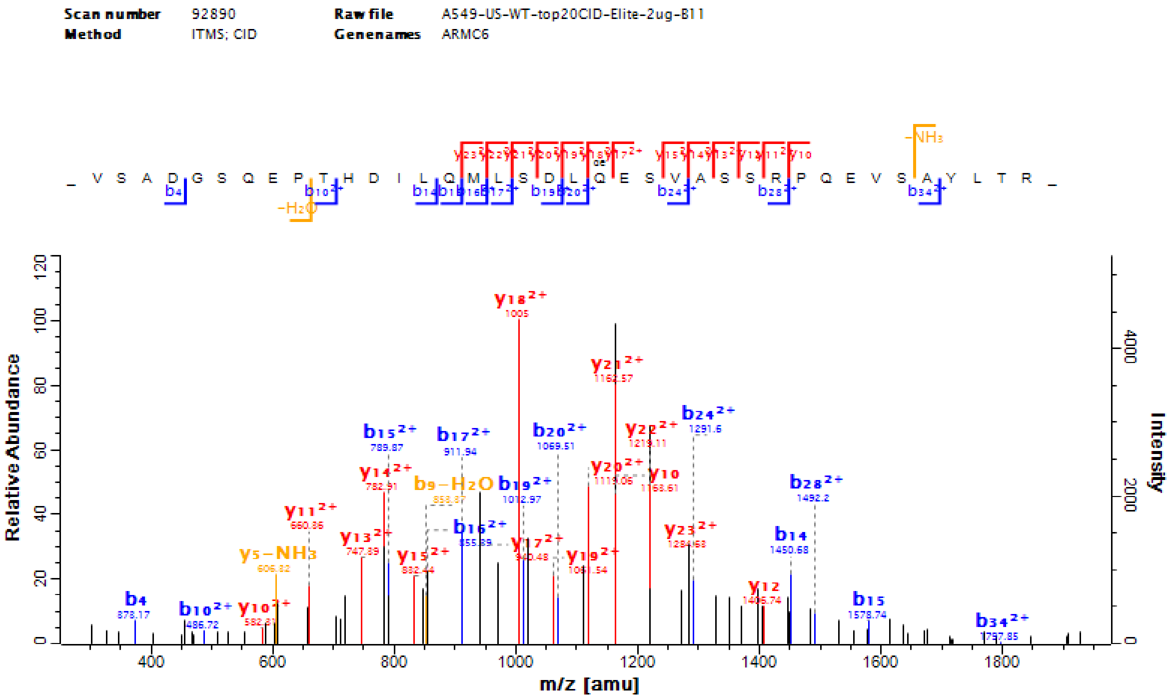


Scan number 89693
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B13
Genenames VEZT

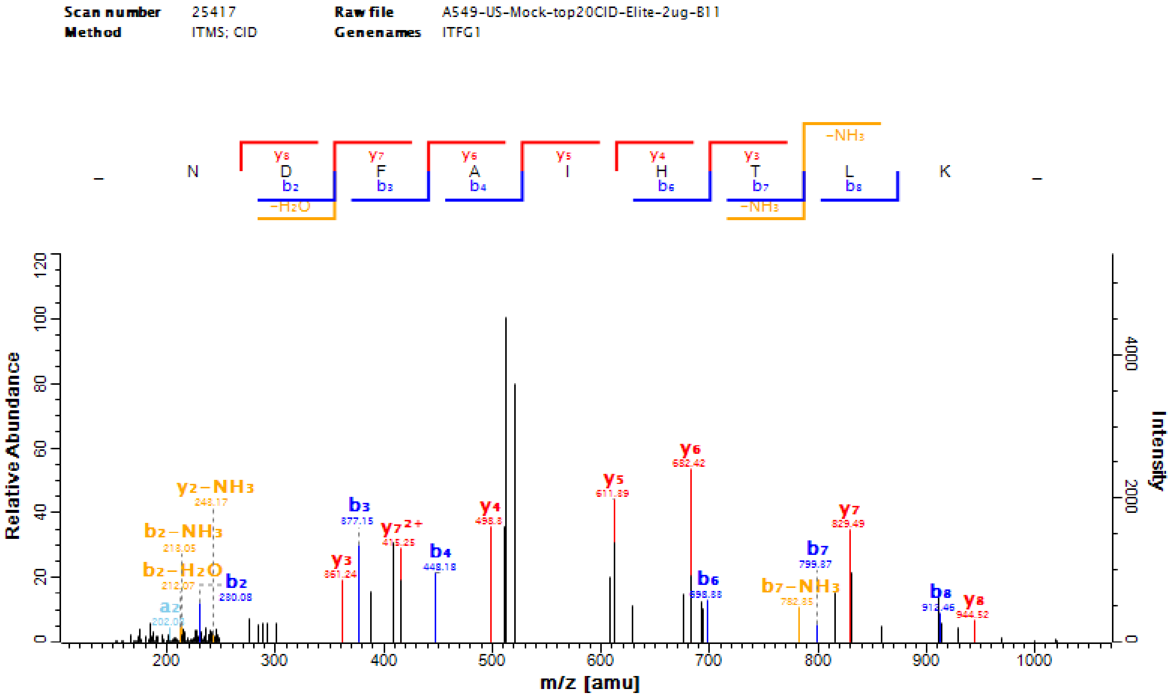
Protein Group ID: 1020
Protein Accession Numbers: P61165; F5GWH5
Gene Names: C11orf10
Peptide Sequence: MELEAMSR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 118.18
Best Match Posterior Error Probability: 0.0031312
Best Match Spectrum:



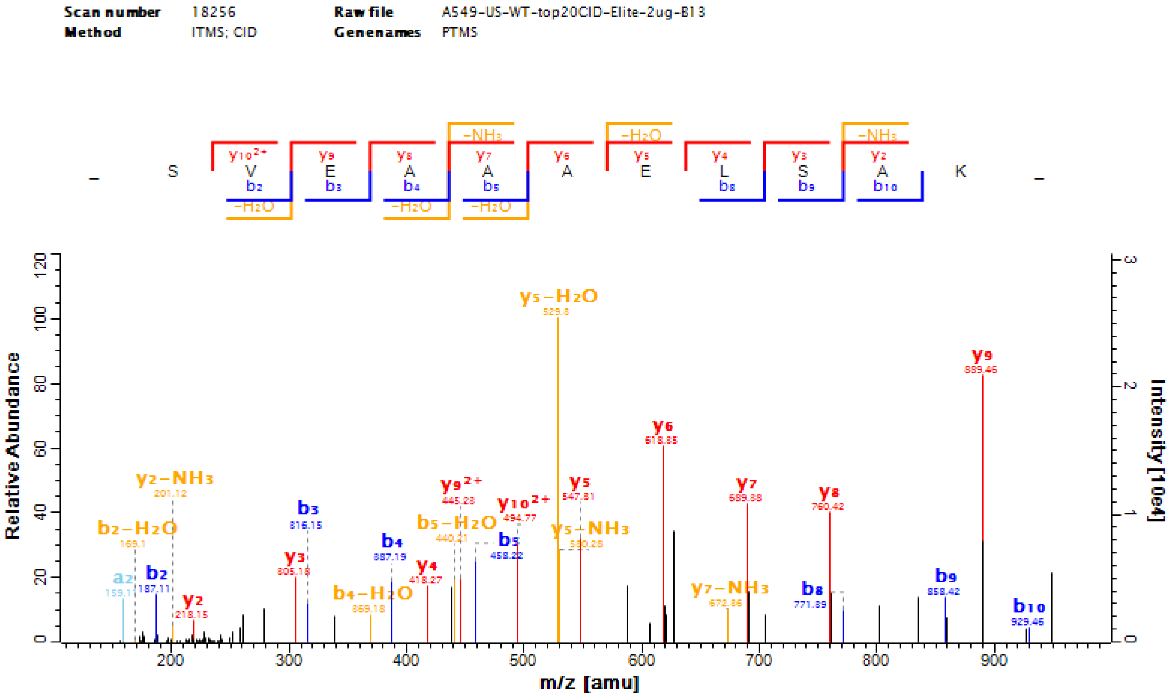
Protein Group ID: 1028
Protein Accession Numbers: Q6NXE6; Q6NXE6-2; F5H4P3; F5GWV0; F5H2K4; F5H2X2; F5H052
Gene Names: ARMC6
Peptide Sequence: VSADGSQEPTHDILQMLSDLQESVASSRPQEVSAYLTR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 61.525
Best Match Posterior Error Probability: 0.0038862
Best Match Spectrum:



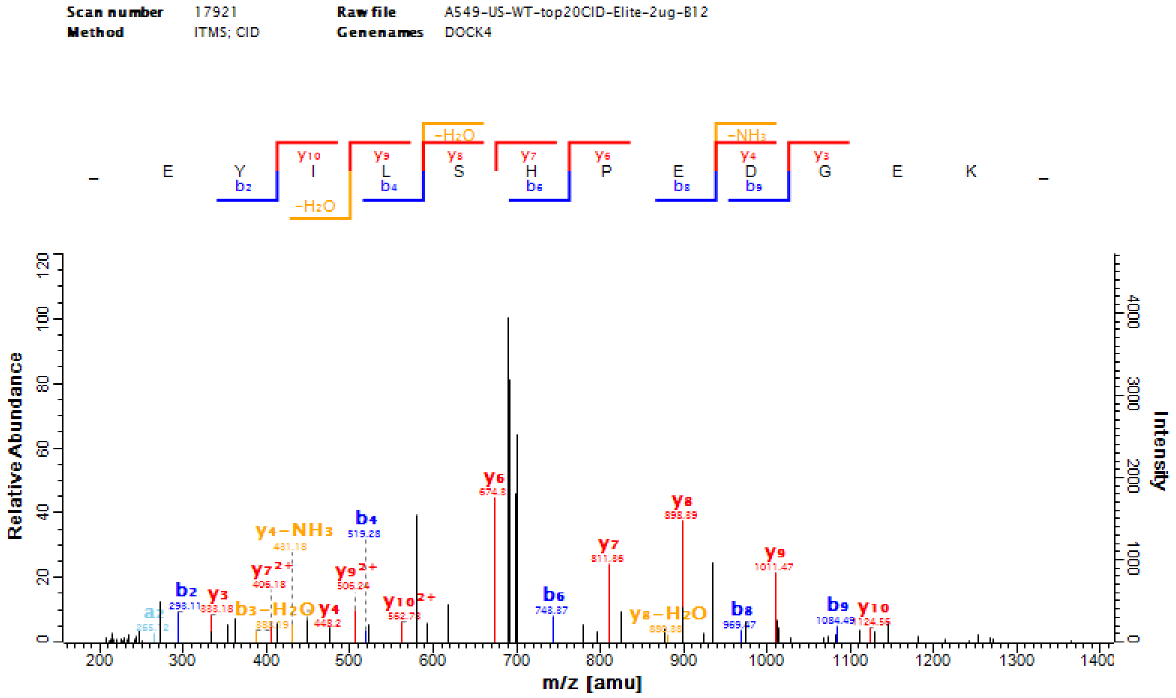
Protein Group ID: 1033
Protein Accession Numbers: Q8TB96; F5GXC5; H3BUJ1
Gene Names: ITFG1
Peptide Sequence: NDFAIHTLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 104.82
Best Match Posterior Error Probability: 0.0013927
Best Match Spectrum:



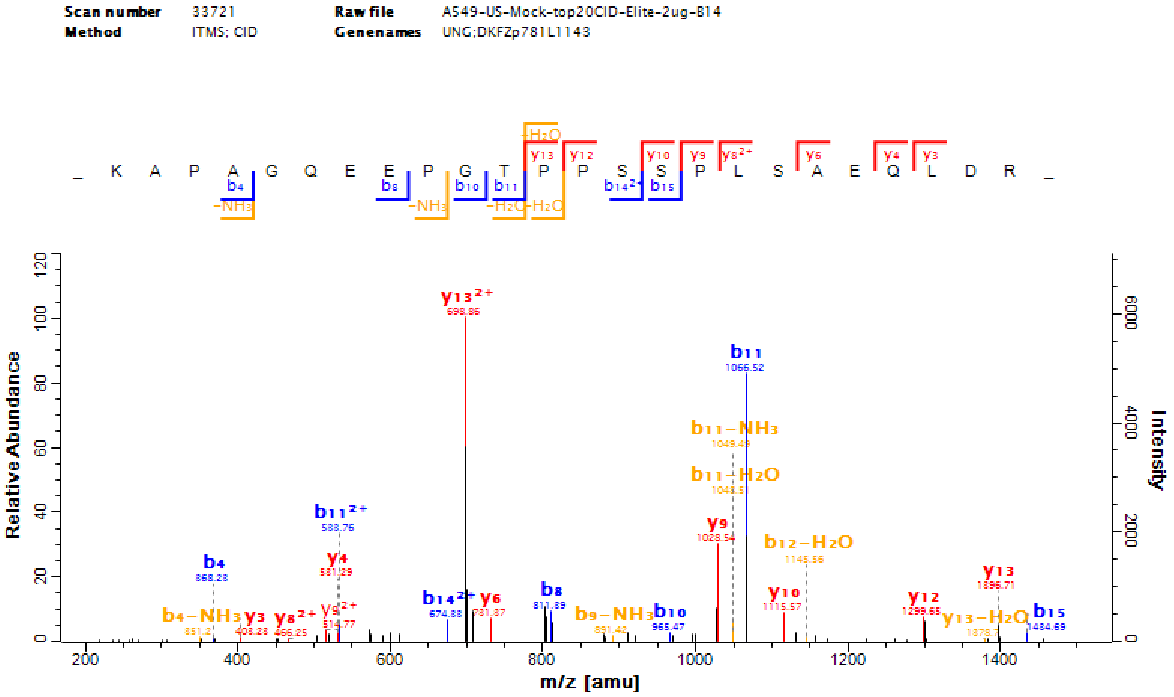
Protein Group ID: 1038
Protein Accession Numbers: F5GXR3; P20962; F5H7R9
Gene Names: PTMS
Peptide Sequence: SVEAAAELSAK
Total Number of Spectra: 13
Number of Replicates (out of 8): 7
Best Match Score: 178.67
Best Match Posterior Error Probability: 5.88E-24
Best Match Spectrum:



Protein Group ID: 1040
Protein Accession Numbers: H0Y599; Q8N1I0-3; Q8N1I0; Q8N1I0-2; H0Y7H7; F5GXW1
Gene Names: DOCK4
Peptide Sequence: EYILSHPEDGEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 98.407
Best Match Posterior Error Probability: 0.0031807
Best Match Spectrum:

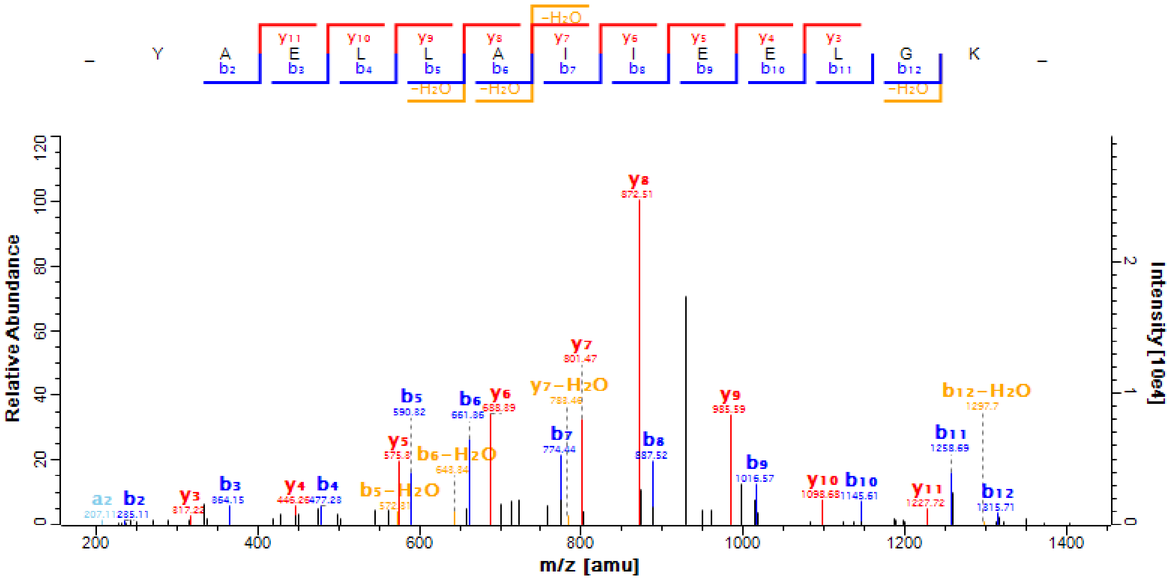


Protein Group ID: 1043
Protein Accession Numbers: P13051; P13051-2; F5GYA2; Q68DM5
Gene Names: UNG;DKFZp781L1143
Peptide Sequence: KAPAGQEEPGTPPSSPLSAEQLDR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 66.137
Best Match Posterior Error Probability: 0.0017634
Best Match Spectrum:

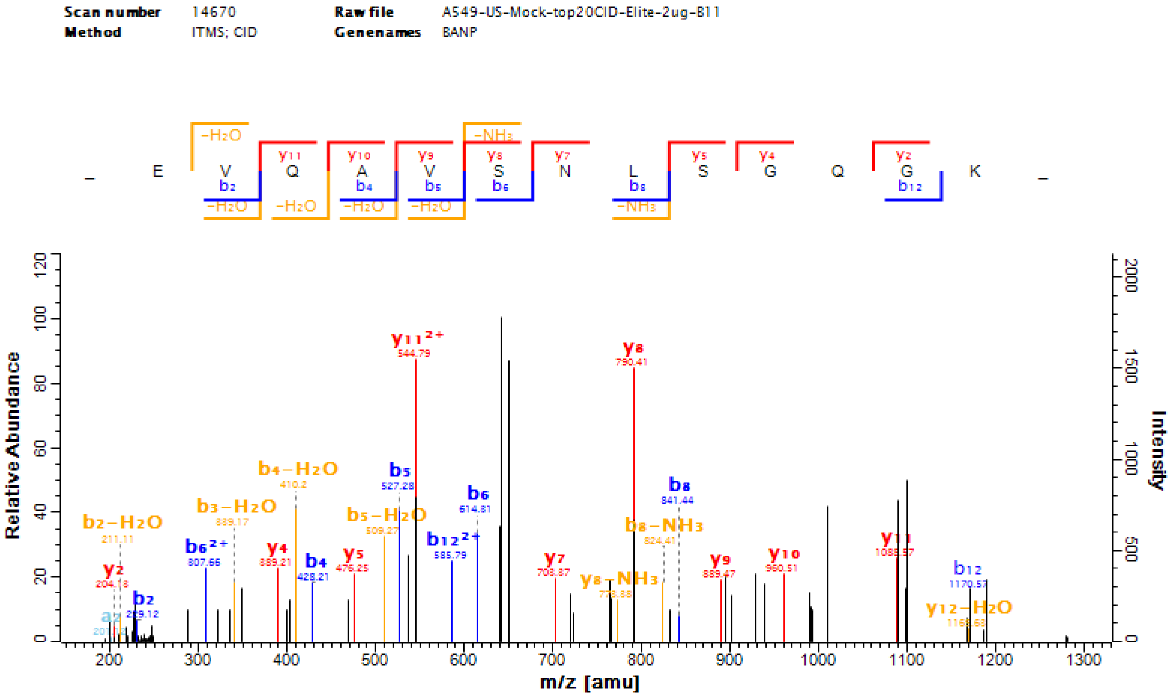


Protein Group ID: 1044
Protein Accession Numbers: O14519; F5GYA4; F5GZF0
Gene Names: CDK2AP1
Peptide Sequence: YAELLAIIEELGK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 157.52
Best Match Posterior Error Probability: 3.20E-09
Best Match Spectrum:

Scan number	89717	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	CDK2AP1

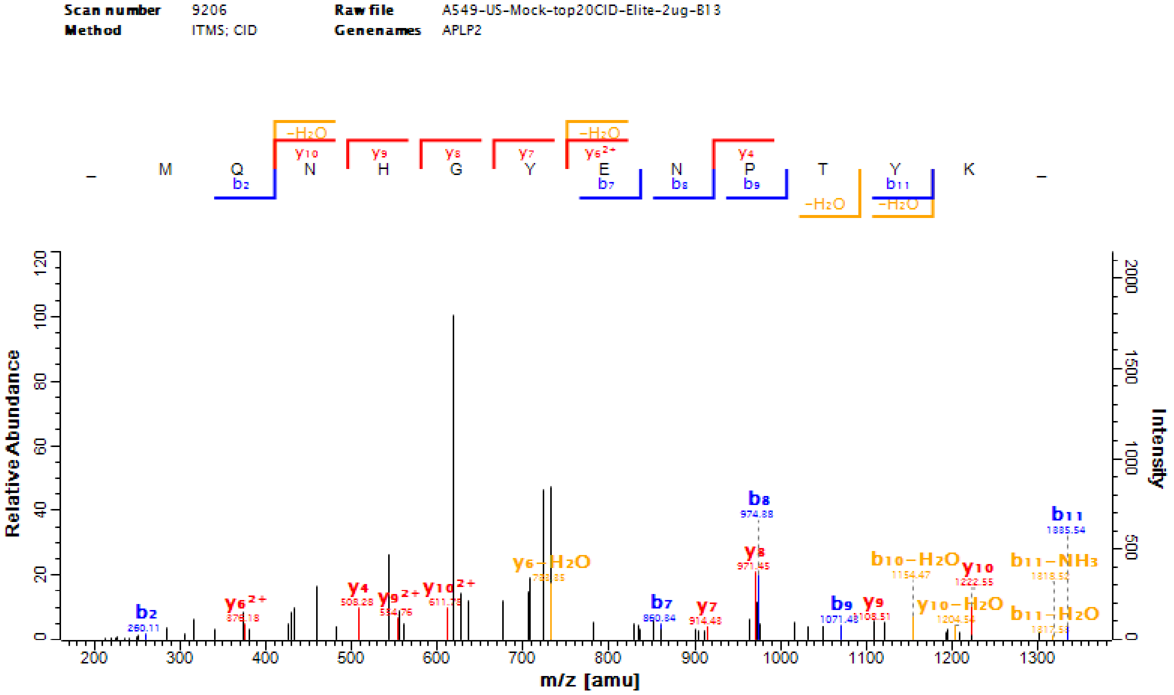


Protein Group ID: 1052
Protein Accession Numbers: Q8N9N5; F5GZM0; Q8N9N5-5; Q8N9N5-4; Q8N9N5-2; Q8N9N5-6; J3QTH5; Q8N9N5-3
Gene Names: BANP
Peptide Sequence: EVQAVSNLSGQGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 107.99
Best Match Posterior Error Probability: 0.0025157
Best Match Spectrum:

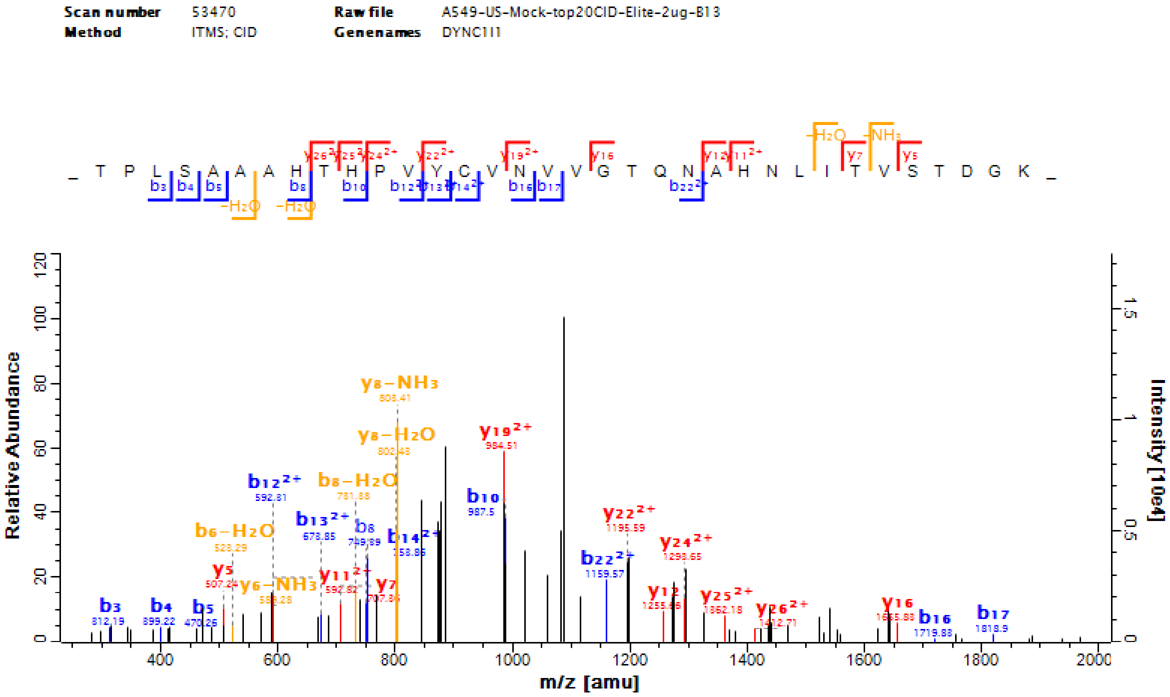


Scan number	14670	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	BANP

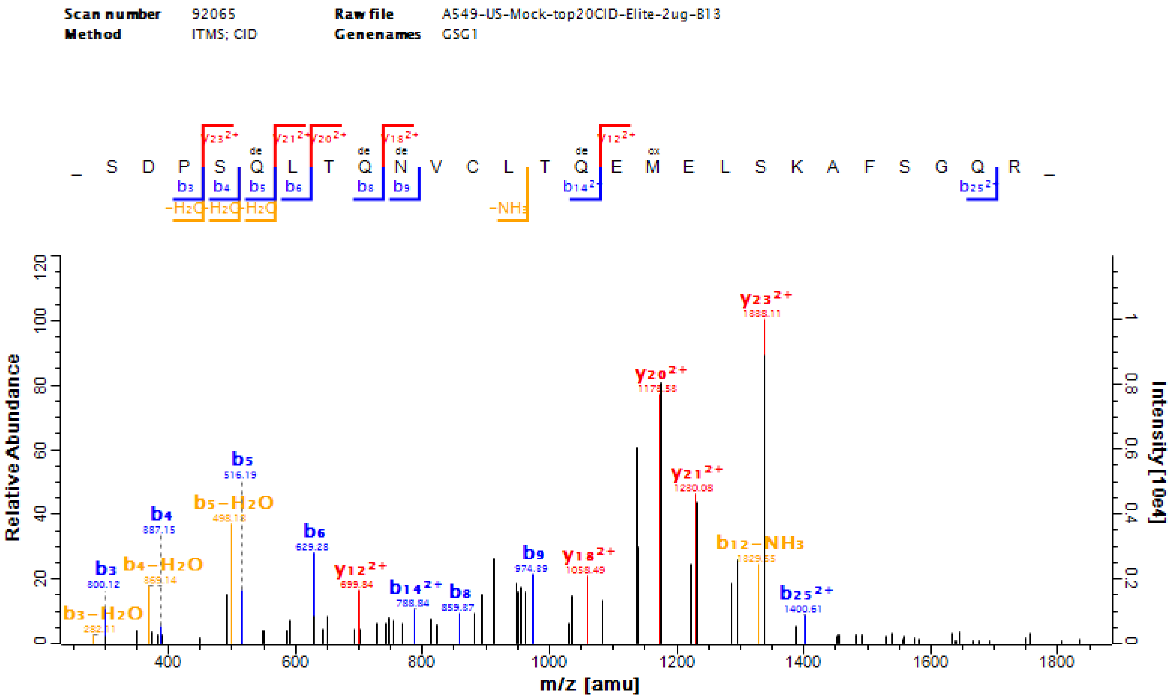
Protein Group ID: 1056
Protein Accession Numbers: Q06481; H7BXI4; Q06481-3; Q06481-2; Q06481-4; F5GZY0; F5H845; Q06481-5
Gene Names: APLP2
Peptide Sequence: MQNHGYENPTYK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 84.169
Best Match Posterior Error Probability: 0.0024149
Best Match Spectrum:



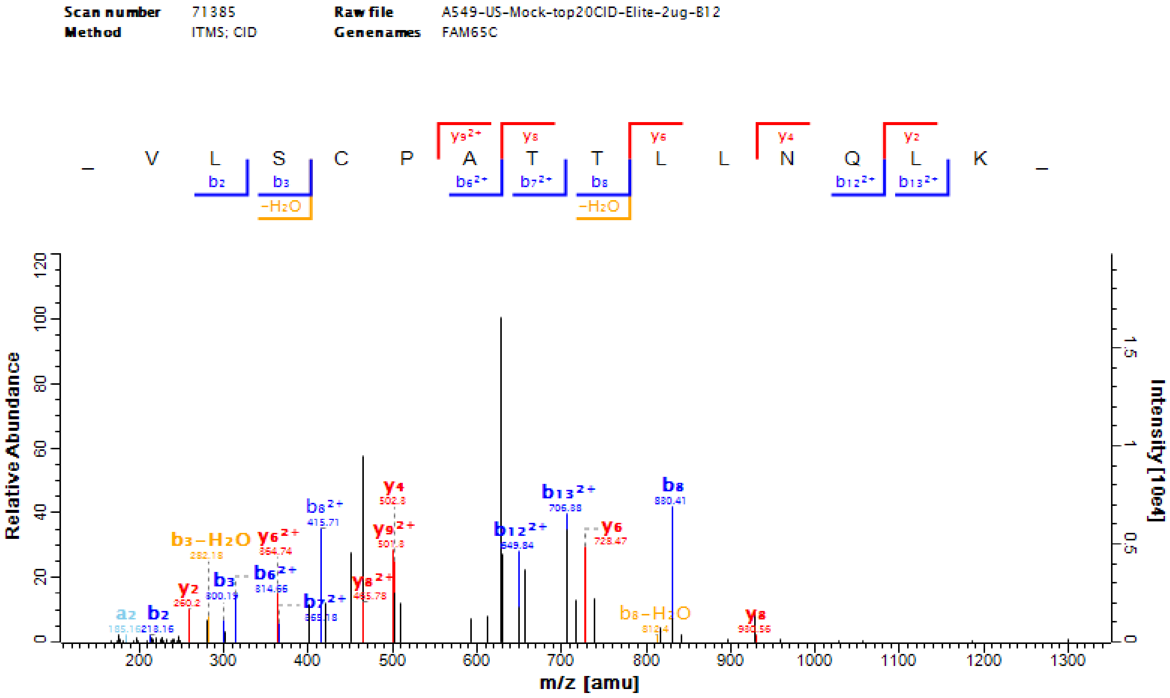
Protein Group ID: 1060
Protein Accession Numbers: O14576; O14576-2; G5E9K1; O14576-3; F5H050
Gene Names: DYNC1I1
Peptide Sequence: TPLSAAAHTHPVYCVNVVGTQNAHNLITVSTDGK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 57.629
Best Match Posterior Error Probability: 0.00018633
Best Match Spectrum:



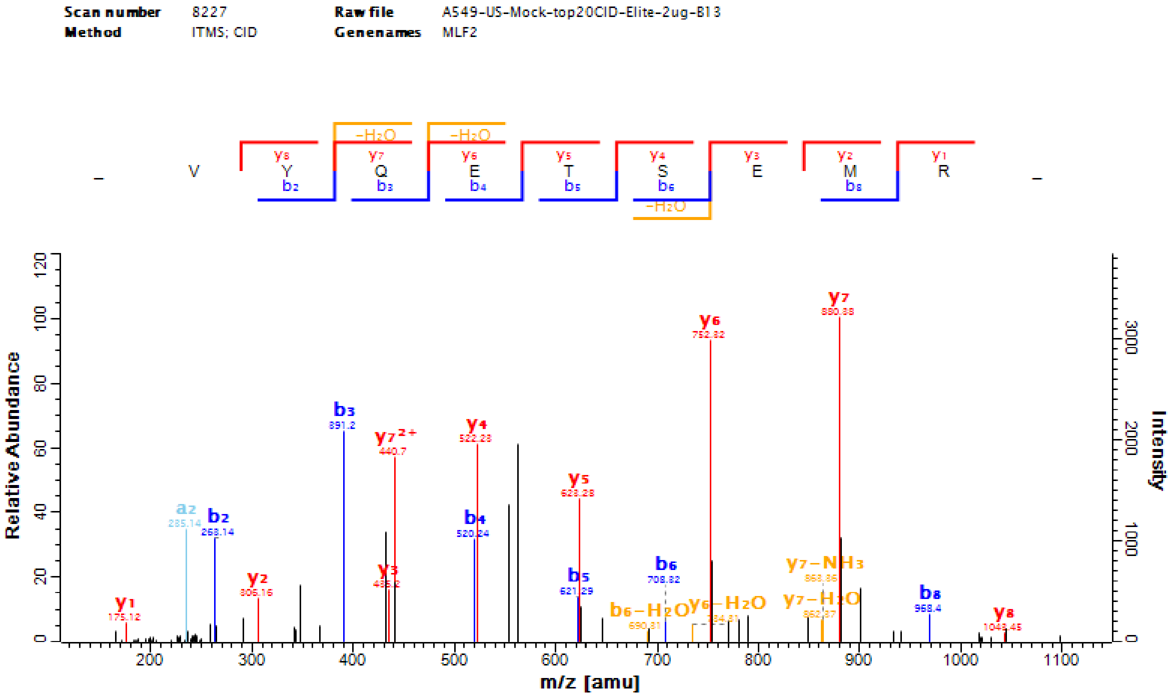
Protein Group ID: 1071
Protein Accession Numbers: J3KNJ9; Q2KHT4-6; Q2KHT4-7; G3XAB9; F5H0V9; F5H134
Gene Names: GSG1
Peptide Sequence: SDPSQLTQNVCLTQEMELSKAFSGQR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 87.772
Best Match Posterior Error Probability: 0.00014004
Best Match Spectrum:



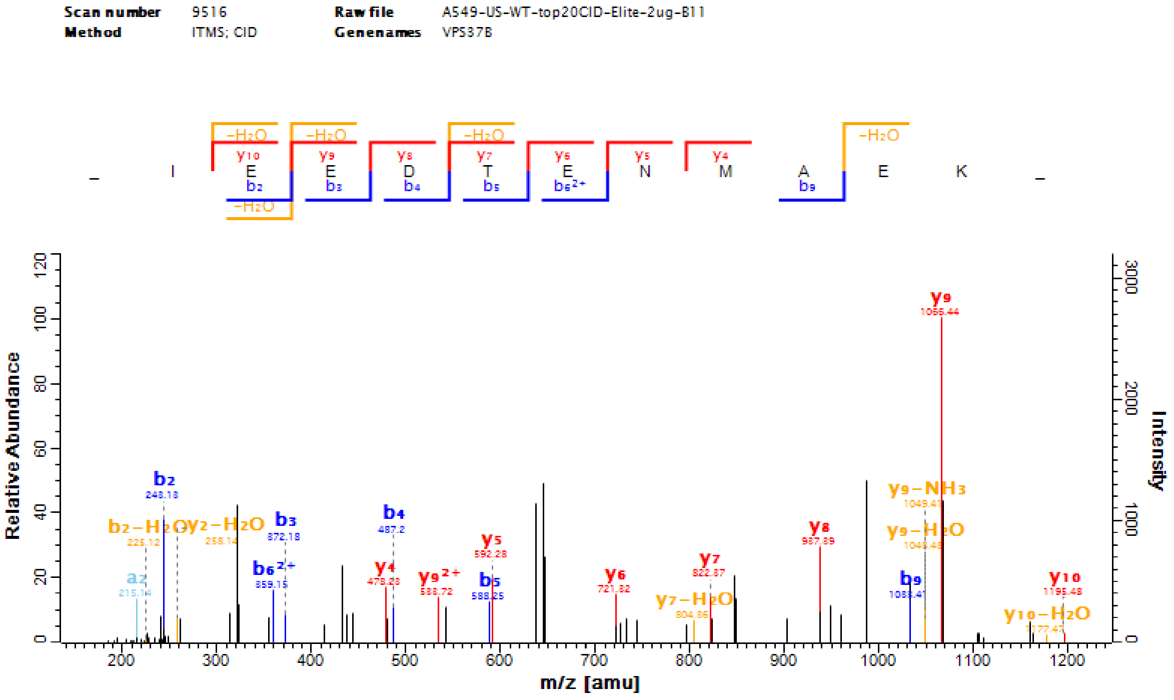
Protein Group ID: 1072
Protein Accession Numbers: F5H0X2; Q96MK2
Gene Names: FAM65C
Peptide Sequence: VLSCPATTLLNQLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 103.91
Best Match Posterior Error Probability: 0.0024983
Best Match Spectrum:



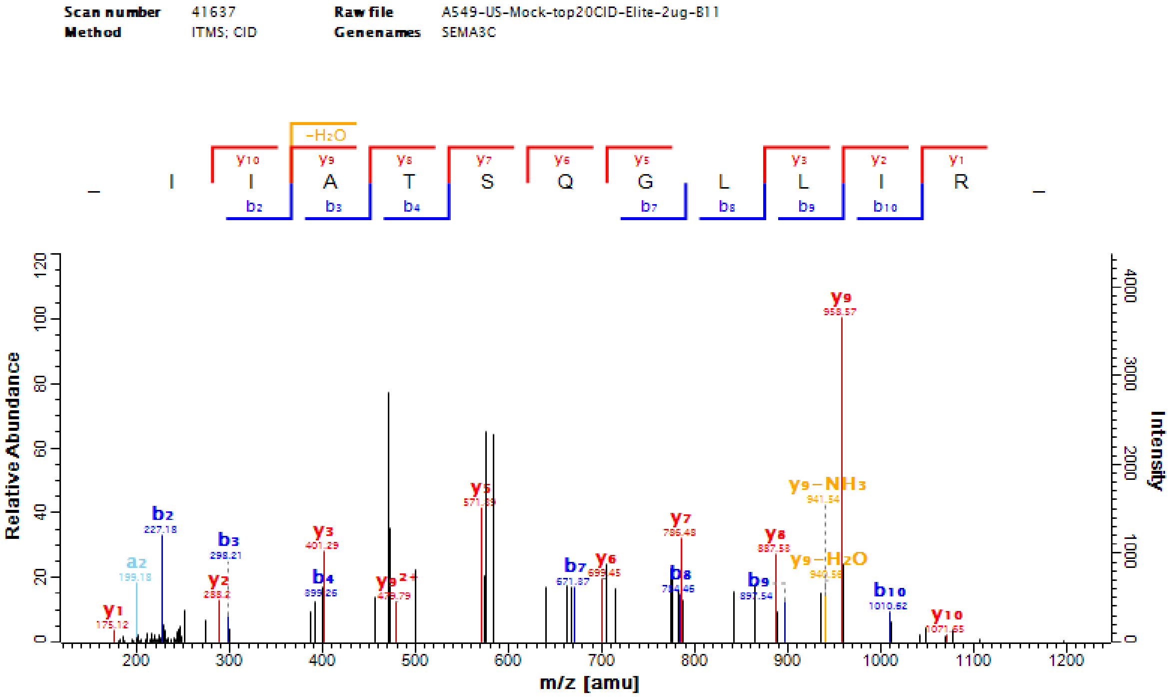
Protein Group ID: 1073
Protein Accession Numbers: Q15773; F5H0Y3
Gene Names: MLF2
Peptide Sequence: VYQETSEMR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 125.74
Best Match Posterior Error Probability: 0.00023104
Best Match Spectrum:



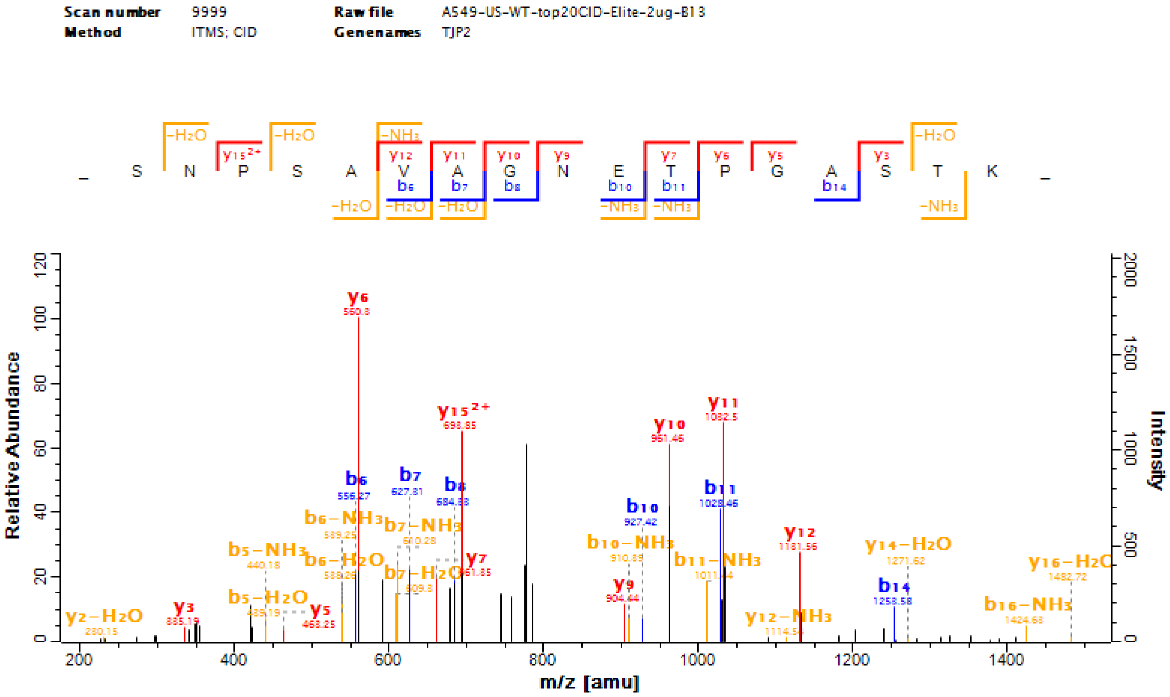
Protein Group ID: 1077
Protein Accession Numbers: Q9H9H4; F5H4M0; F5H1F6
Gene Names: VPS37B
Peptide Sequence: IEEDTENMAEK
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 105.2
Best Match Posterior Error Probability: 0.00033027
Best Match Spectrum:



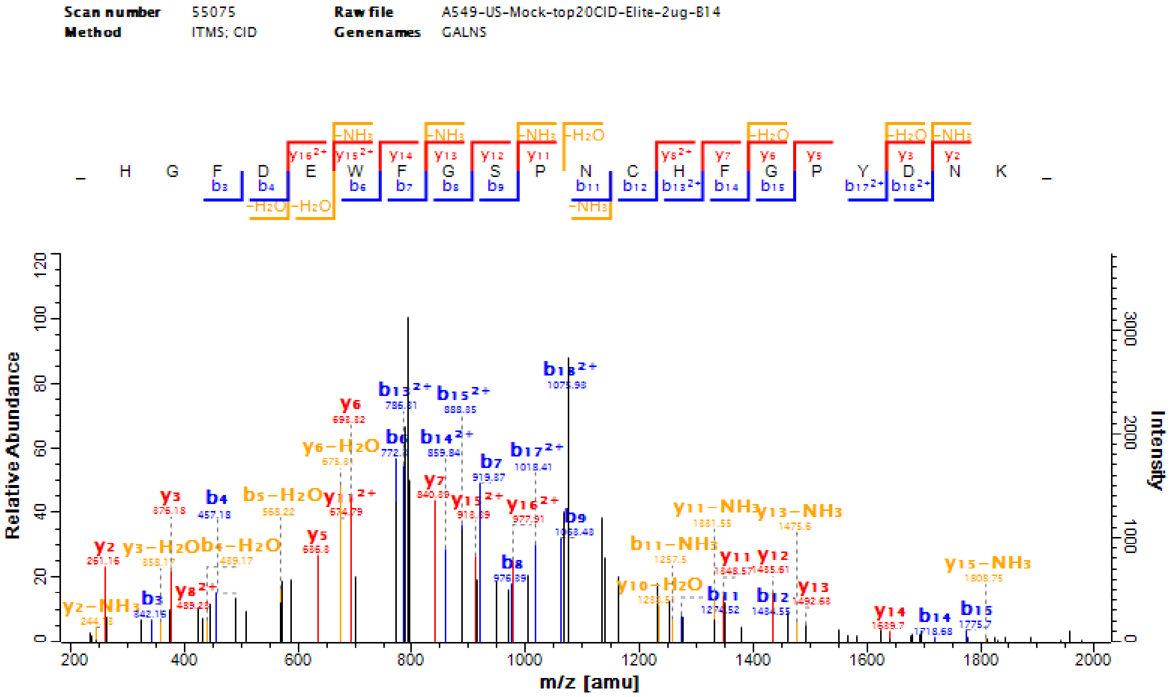
Protein Group ID: 1086
Protein Accession Numbers: F5H1Z7; Q99985
Gene Names: SEMA3C
Peptide Sequence: IIATSQGLLIR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 111.52
Best Match Posterior Error Probability: 0.00013349
Best Match Spectrum:



Protein Group ID: 1093
Protein Accession Numbers: F5H301; Q9UDY2; Q9UDY2-3; F5H886
Gene Names: TJP2
Peptide Sequence: SNPSAVAGNETPGASTK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 87.088
Best Match Posterior Error Probability: 0.00053445
Best Match Spectrum:



Protein Group ID: 1095
Protein Accession Numbers: P34059; F5H325; H3BP66
Gene Names: GALNS
Peptide Sequence: HGFDEWFGSPNCHFGPYDNK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 180.78
Best Match Posterior Error Probability: 8.97E-24
Best Match Spectrum:



Protein Group ID: 1105

Protein Accession Numbers: Q8IVH8; Q8IVH8-2; Q8IVH8-3; F5H5A3

Gene Names: MAP4K3

Peptide Sequence: GHVAHLEDDEGDDDESK

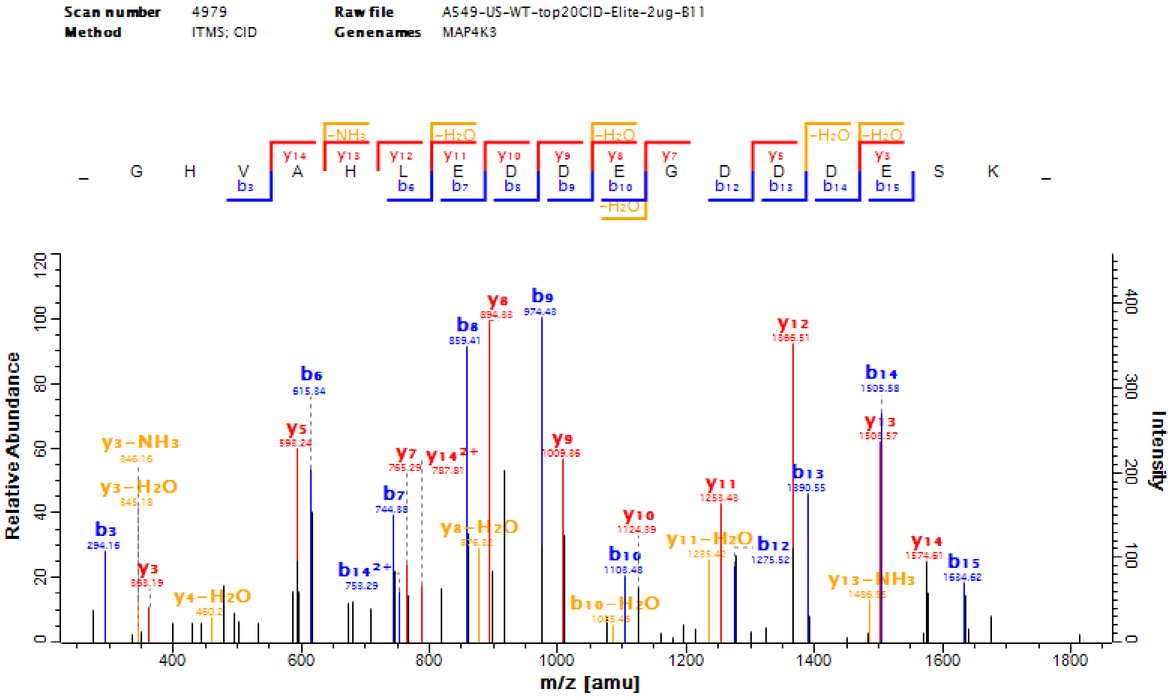
Total Number of Spectra: 3

Number of Replicates (out of 8): 2

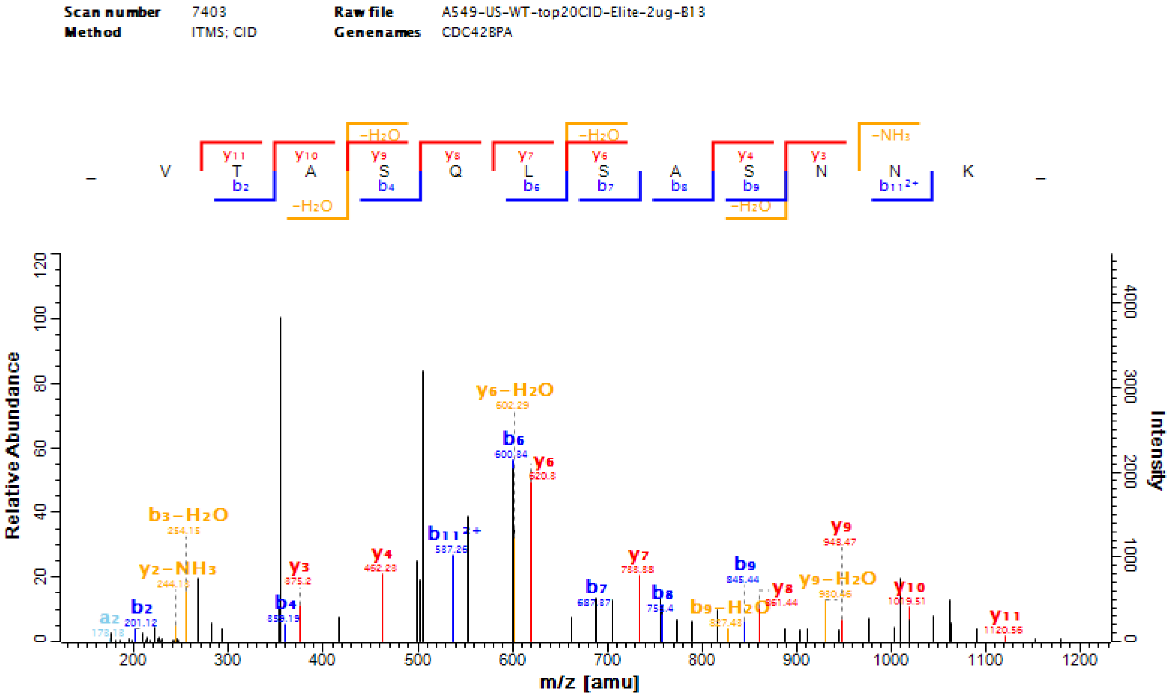
Best Match Score: 150.39

Best Match Posterior Error Probability: 1.84E-06

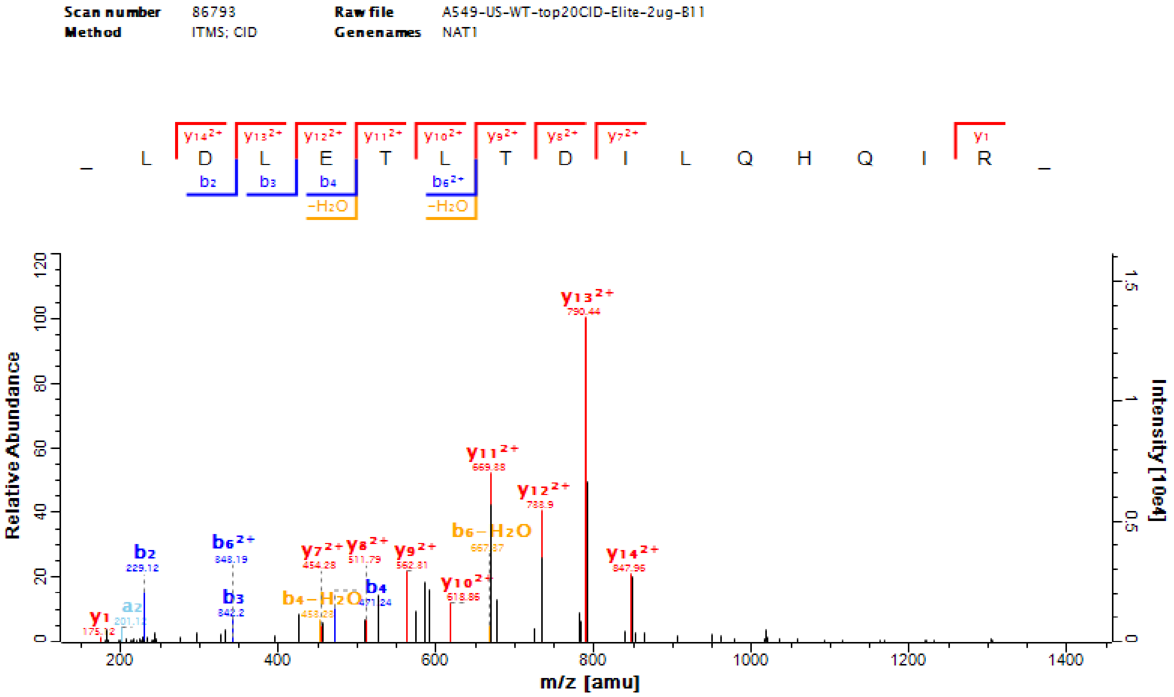
Best Match Spectrum:



Protein Group ID: 1110
Protein Accession Numbers: Q5VT25-6; Q5VT25-2; Q5VT25; Q5VT25-5; F5H5N0; Q5VT25-4; Q5VT25-3; H0Y5V1; H0Y7V8; H0Y6V3; H0Y6R0
Gene Names: CDC42BPA
Peptide Sequence: VTASQLSASNNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 90.861
Best Match Posterior Error Probability: 0.0013453
Best Match Spectrum:

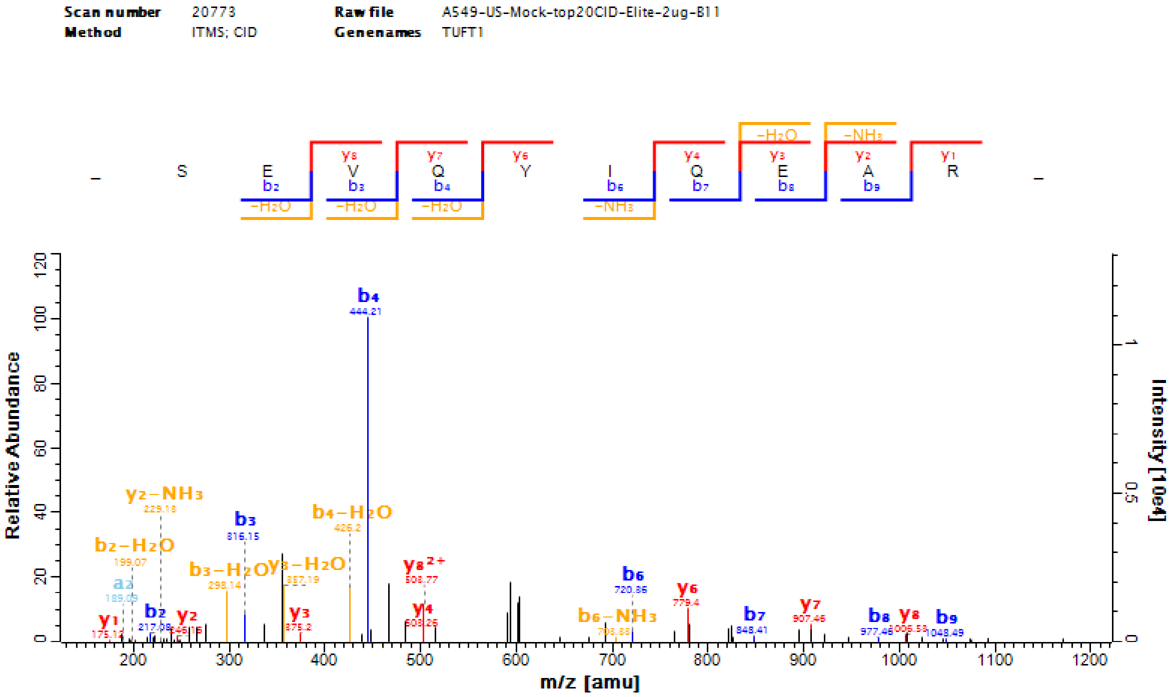


Protein Group ID: 1112
Protein Accession Numbers: F5H5R8; P18440
Gene Names: NAT1
Peptide Sequence: LDLETLTDILQHQIR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 87.001
Best Match Posterior Error Probability: 0.0010655
Best Match Spectrum:



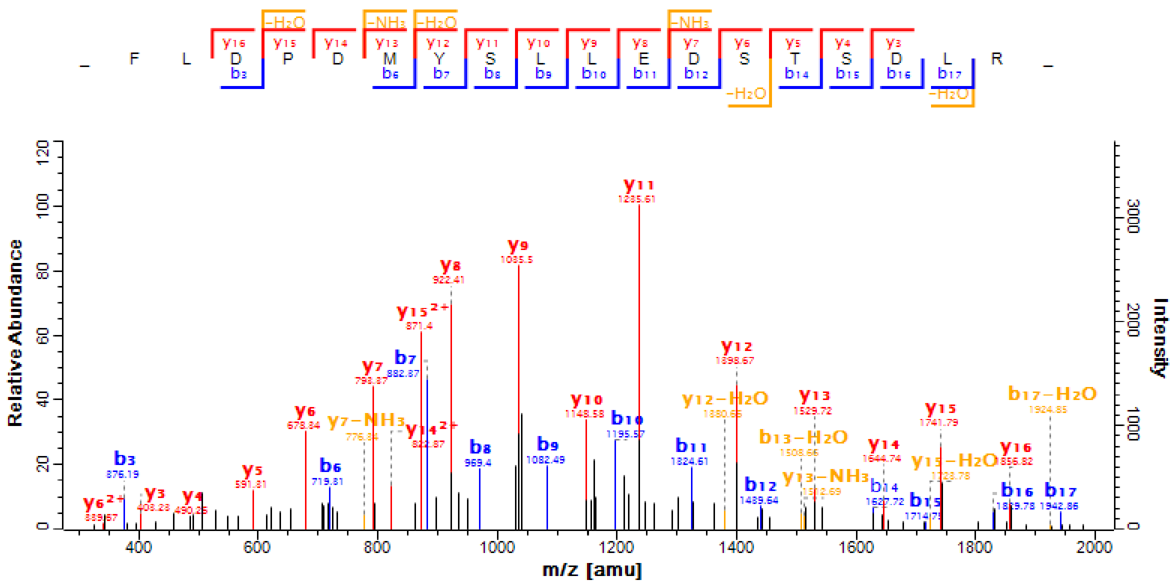
Scan number 86793 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** NAT1

Protein Group ID: 1114
Protein Accession Numbers: F5H607; Q9NNX1; Q9NNX1-2; Q9NNX1-3
Gene Names: TUFT1
Peptide Sequence: SEVQYIQEAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 95.477
Best Match Posterior Error Probability: 0.0012728
Best Match Spectrum:

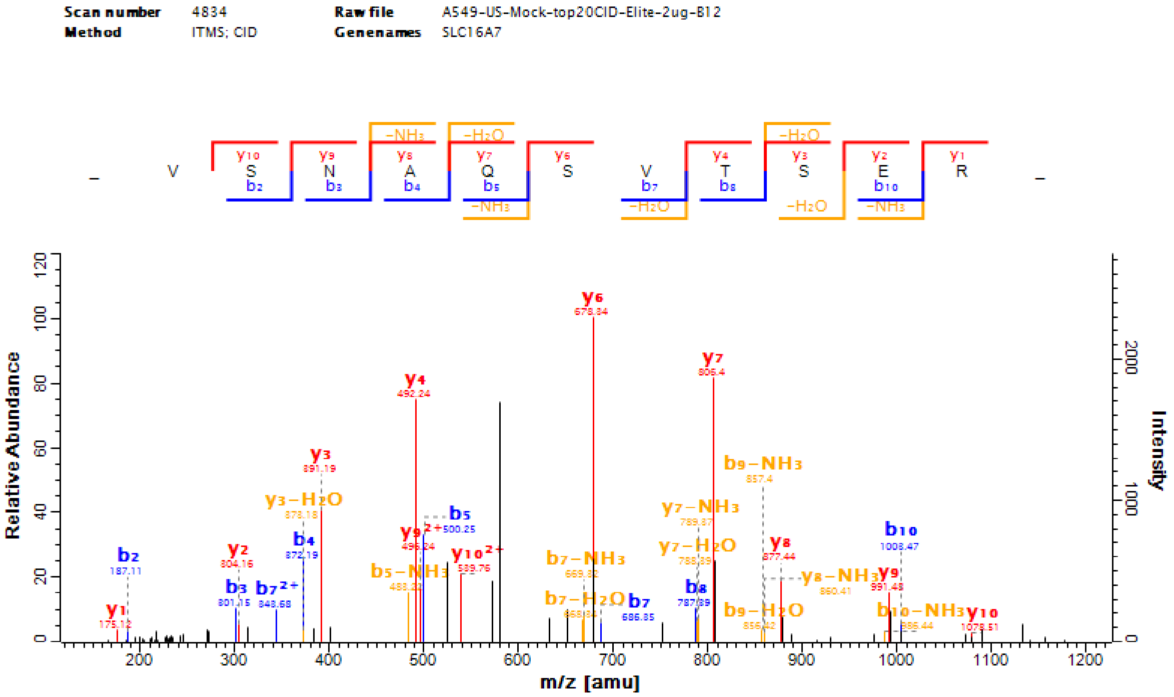


Protein Group ID: 1124
Protein Accession Numbers: F5H759; Q9UHW5-2; Q9UHW5; H0YHZ5
Gene Names: GPN3
Peptide Sequence: FLDPDMYSLLEDSTSDLR
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 179.46
Best Match Posterior Error Probability: 7.09E-16
Best Match Spectrum:

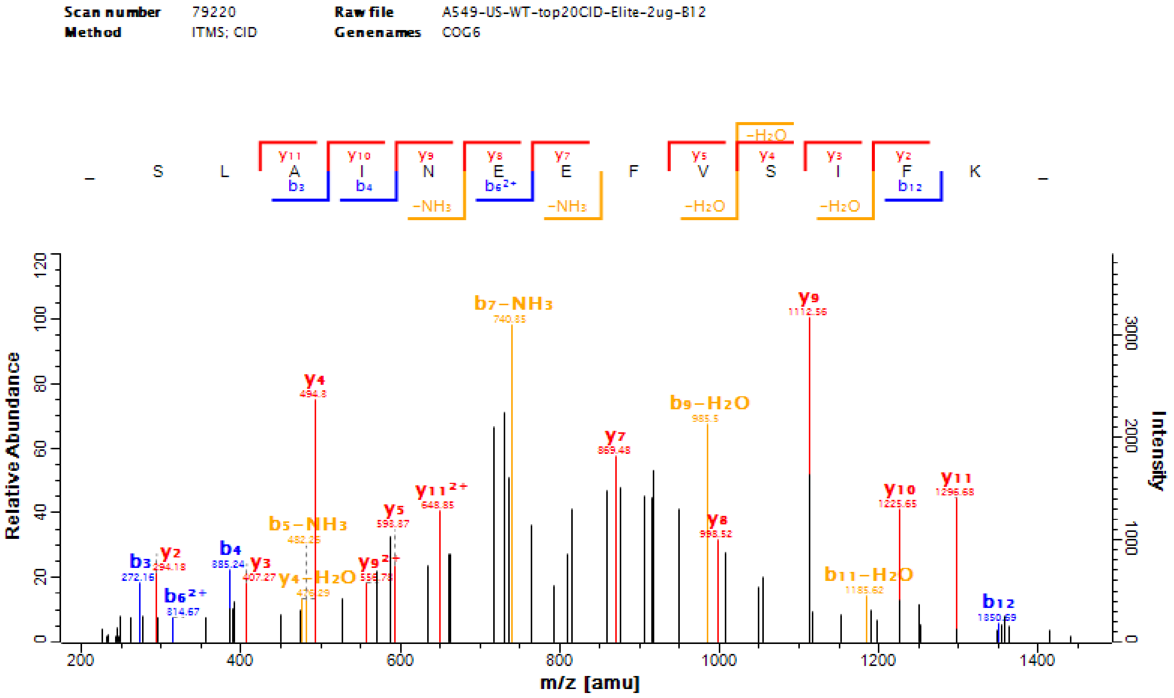
Scan number	82974	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B14
Method	ITMS; CID	**Genenames**	GPN3



Protein Group ID: 1129
Protein Accession Numbers: O60669; F5H843
Gene Names: SLC16A7
Peptide Sequence: VSNAQSVTSER
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 168.98
Best Match Posterior Error Probability: 1.01E-06
Best Match Spectrum:

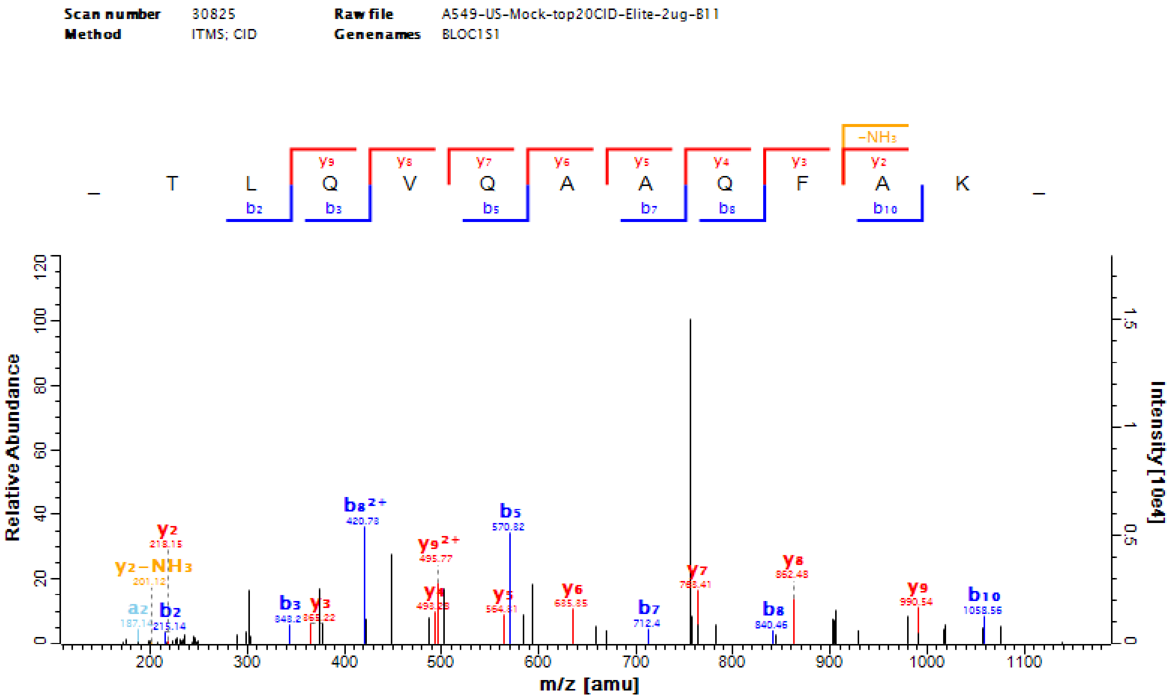


Protein Group ID: 1133
Protein Accession Numbers: Q9Y2V7; Q9Y2V7-2; F5H8M2; H0YGX8
Gene Names: COG6
Peptide Sequence: SLAINEEFVSIFK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 99.531
Best Match Posterior Error Probability: 0.00051937
Best Match Spectrum:

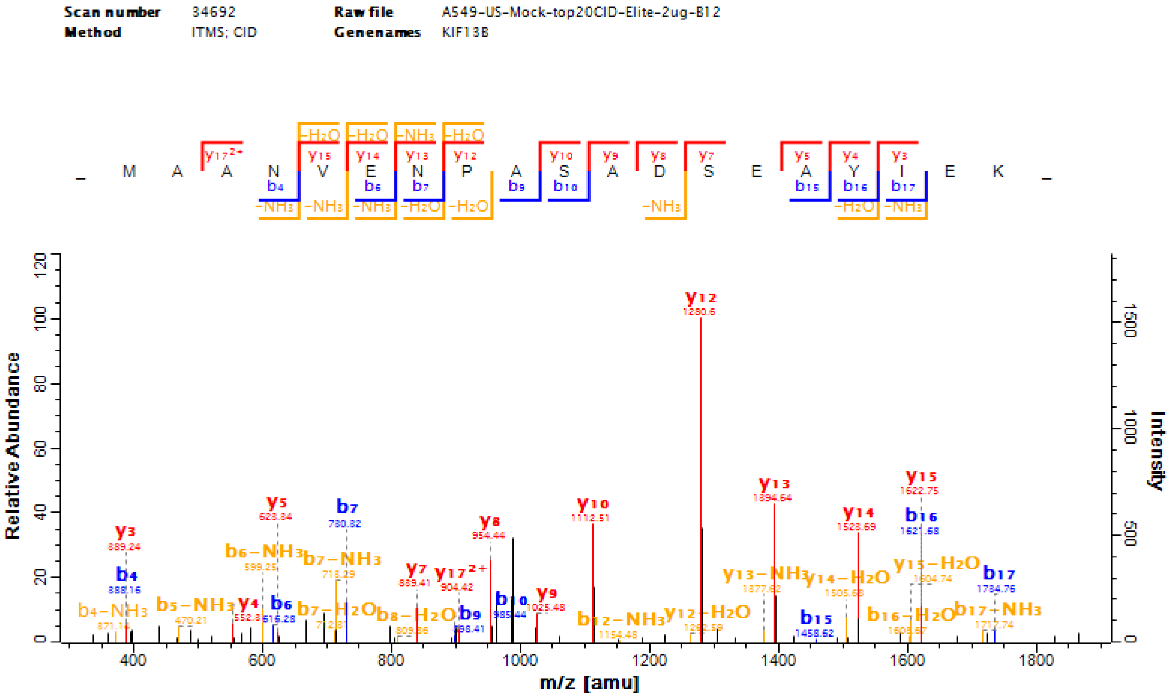


Scan number 79220 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** COG6

Protein Group ID: 1141
Protein Accession Numbers: P78537; F8VP73; P78537-2; F8W036; G8JLQ3; F8W606; F8W099
Gene Names: BLOC1S1
Peptide Sequence: TLQVQAAQFAK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 89.805
Best Match Posterior Error Probability: 0.001498
Best Match Spectrum:



Protein Group ID: 1143
Protein Accession Numbers: F8VPJ2; Q9NQT8
Gene Names: KIF13B
Peptide Sequence: MAANVENPASADSEAYIEK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 142.88
Best Match Posterior Error Probability: 2.04E-06
Best Match Spectrum:



Protein Group ID: 1148

Protein Accession Numbers: F8VQY2; Q96RL1; Q96RL1-3; Q96RL1-2; Q96RL1-4

Gene Names: UIMC1

Peptide Sequence: SDSGTAAQTSLDIDK

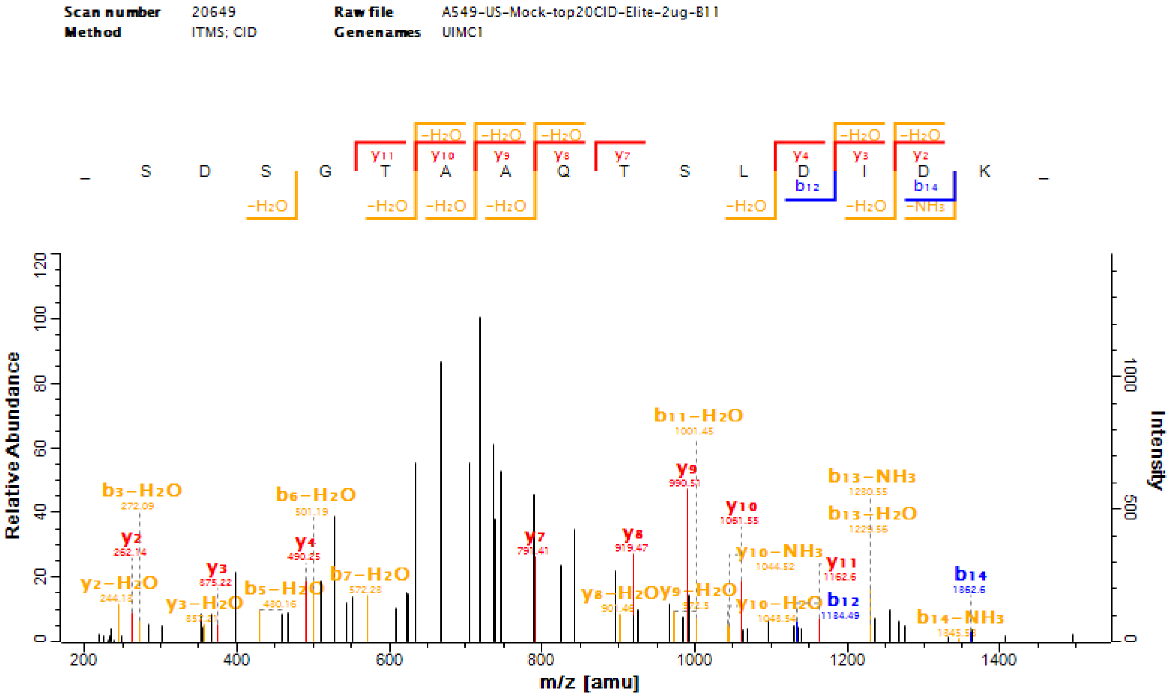
Total Number of Spectra: 3

Number of Replicates (out of 8): 3

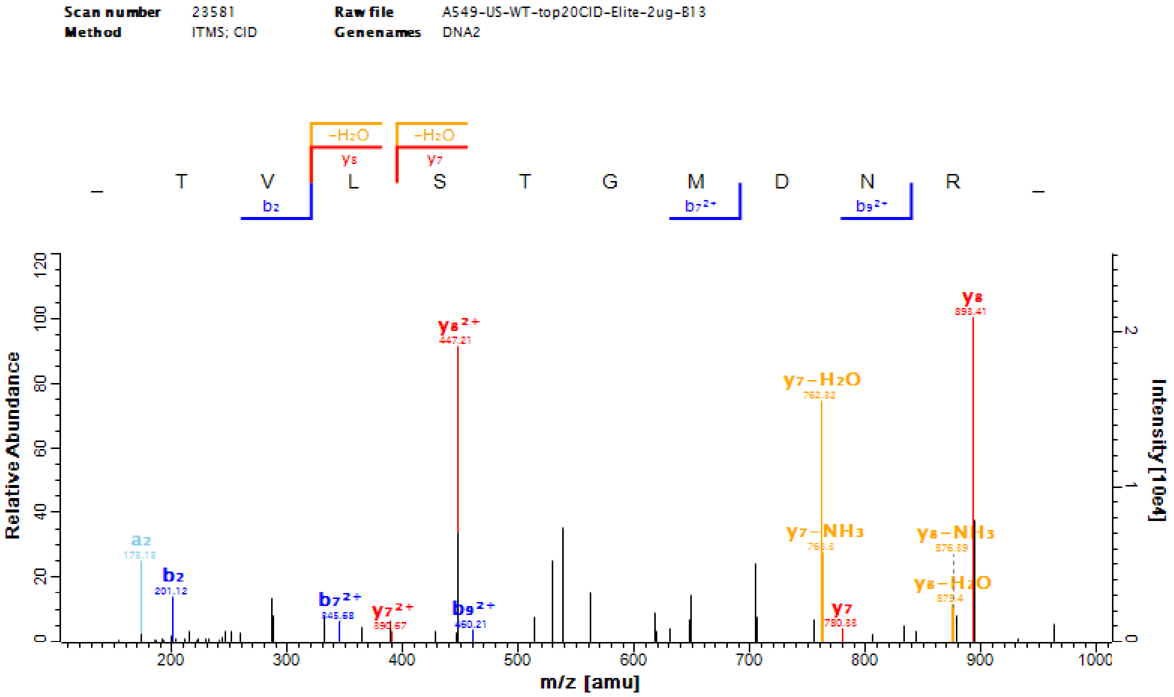
Best Match Score: 77.42

Best Match Posterior Error Probability: 0.0031607

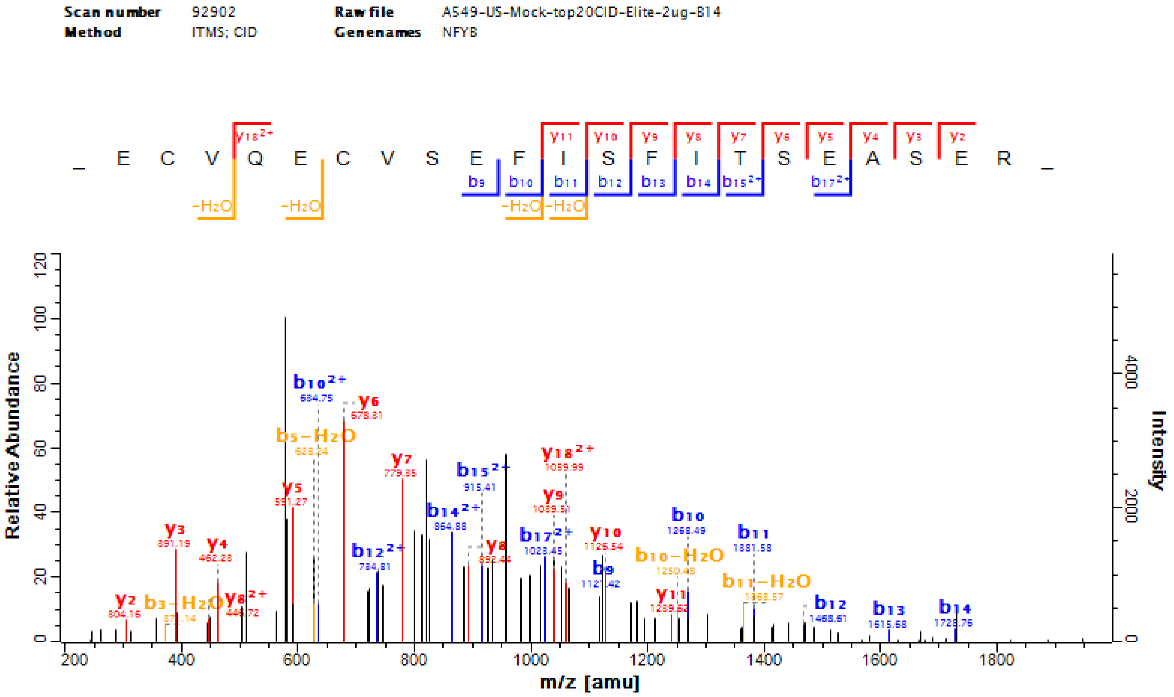
Best Match Spectrum:



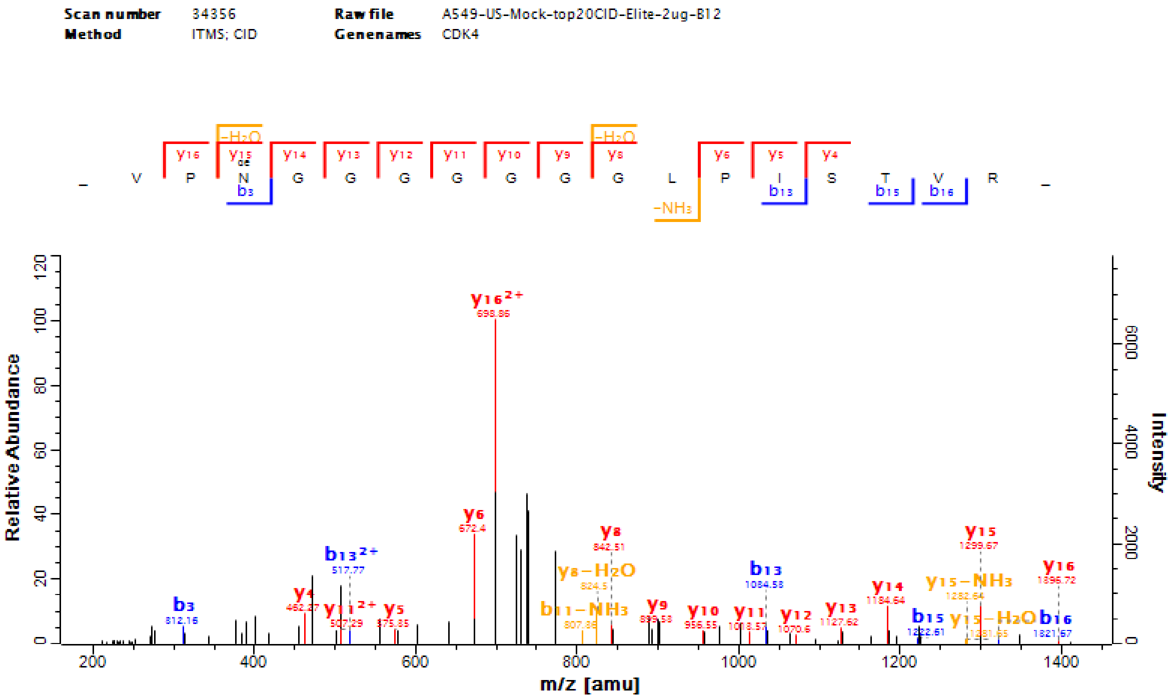
Protein Group ID: 1149
Protein Accession Numbers: J3KPX5; P51530; P51530-4; P51530-3; F8VR31; P51530-2
Gene Names: DNA2
Peptide Sequence: TVLSTGMDNR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.355
Best Match Posterior Error Probability: 0.0020617
Best Match Spectrum:



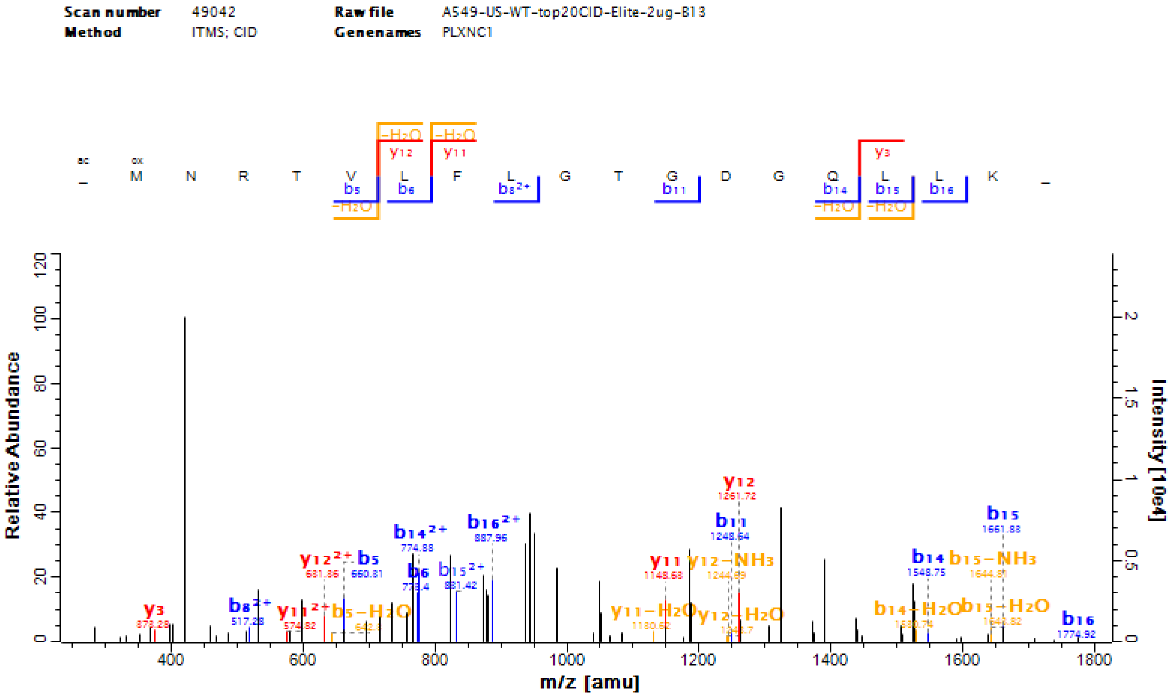
Protein Group ID: 1150
Protein Accession Numbers: P25208; F8VSL3
Gene Names: NFYB
Peptide Sequence: ECVQECVSEFISFITSEASER
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 100.28
Best Match Posterior Error Probability: 5.91E-05
Best Match Spectrum:



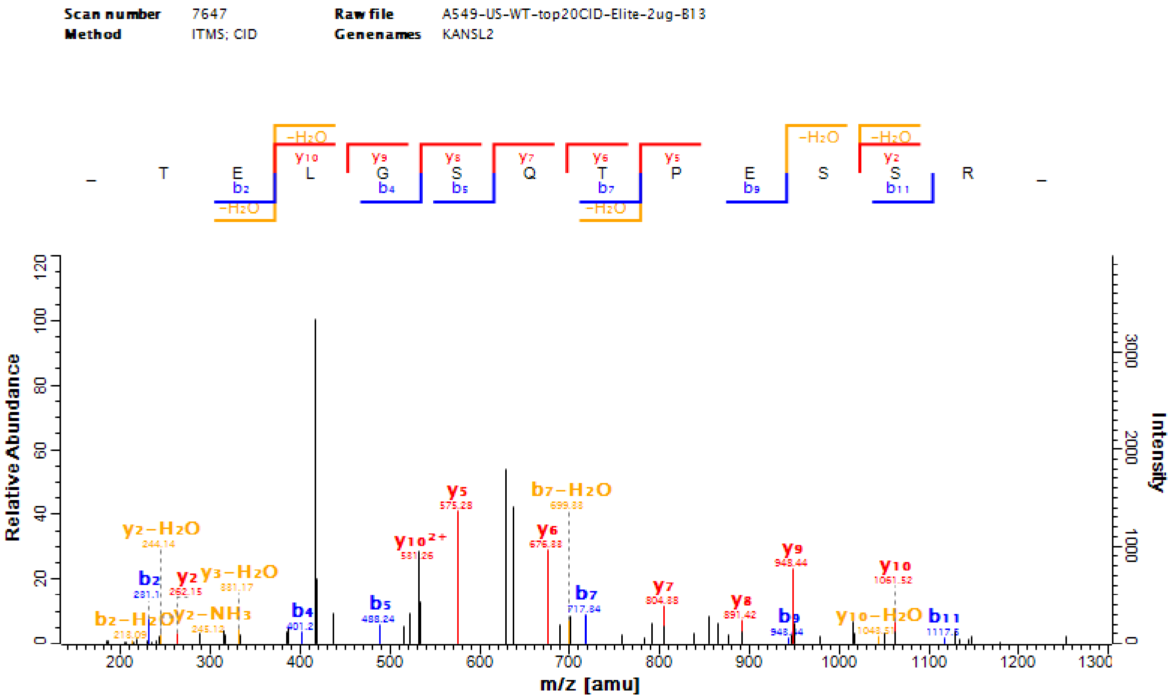
Protein Group ID: 1152
Protein Accession Numbers: P11802; F8VWX7; F8VTV8; F8VYH9; F8W1L8; Q96BE9; F8VYY1
Gene Names: CDK4
Peptide Sequence: VPNGGGGGGGLPISTVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 91.518
Best Match Posterior Error Probability: 0.0019387
Best Match Spectrum:



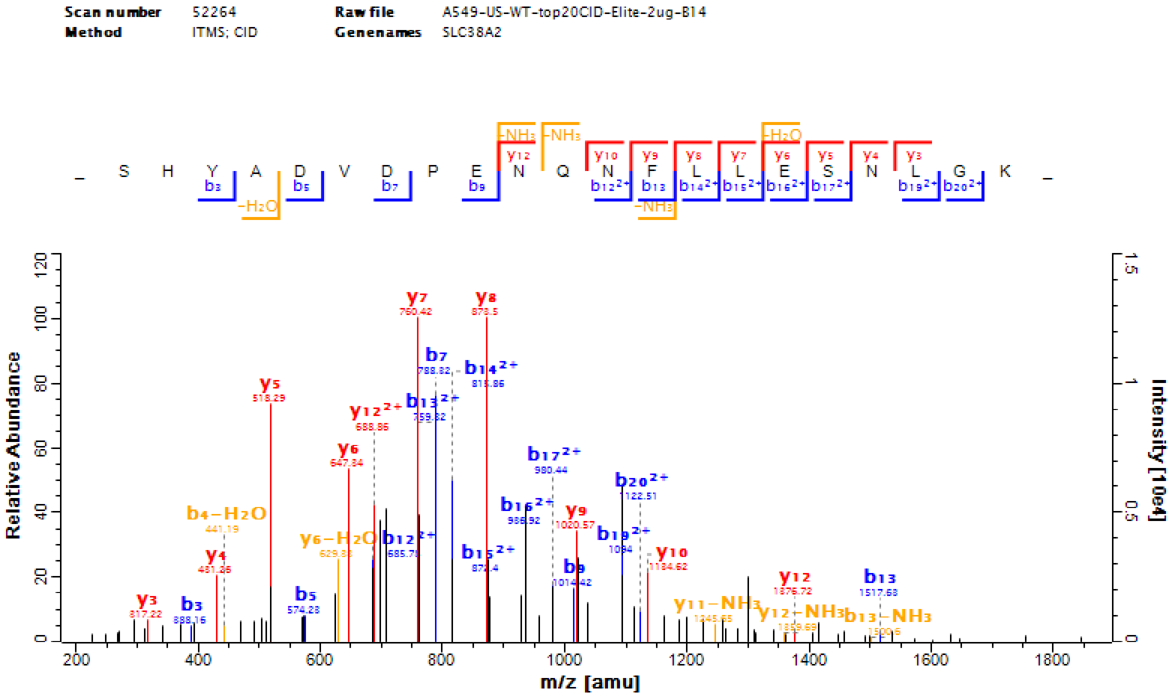
Protein Group ID: 1158
Protein Accession Numbers: F8VUW4
Gene Names: PLXNC1
Peptide Sequence: MNRTVLFLGTGDGQLLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 103.88
Best Match Posterior Error Probability: 0.0034095
Best Match Spectrum:



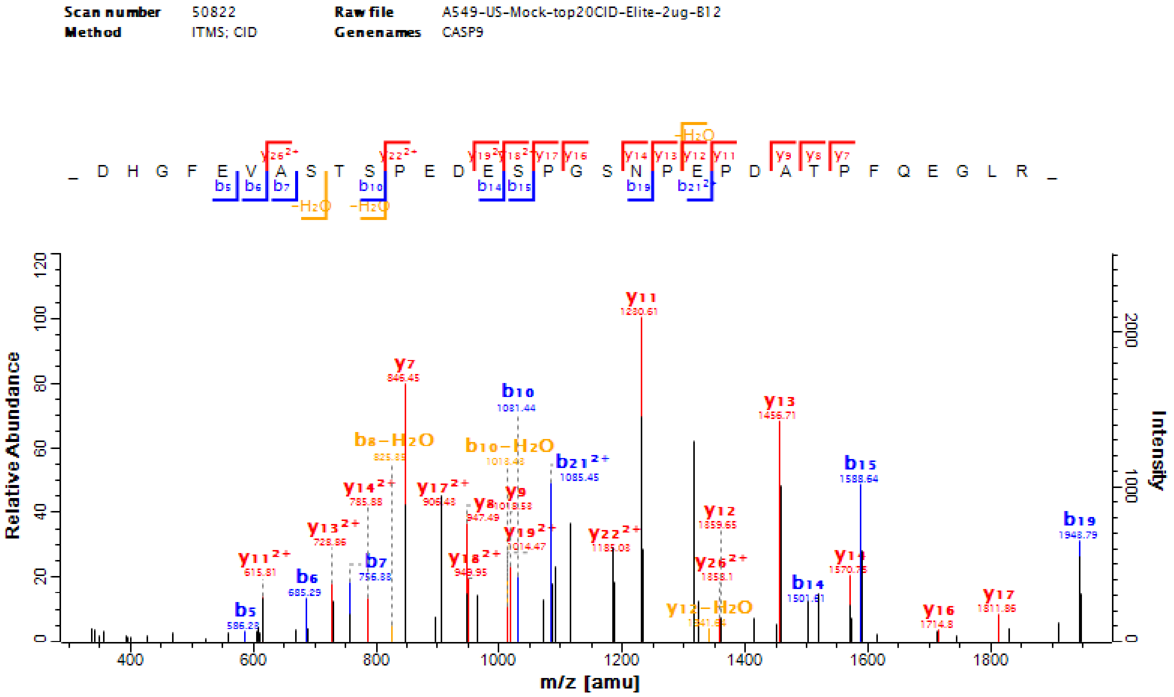
Protein Group ID: 1159
Protein Accession Numbers: F8VX10; Q9H9L4; F8VXI8; H0YIQ8; Q9H9L4-4; F8VUX5; H0YID1
Gene Names: KANSL2
Peptide Sequence: TELGSQTPESSR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 84.892
Best Match Posterior Error Probability: 0.0022498
Best Match Spectrum:



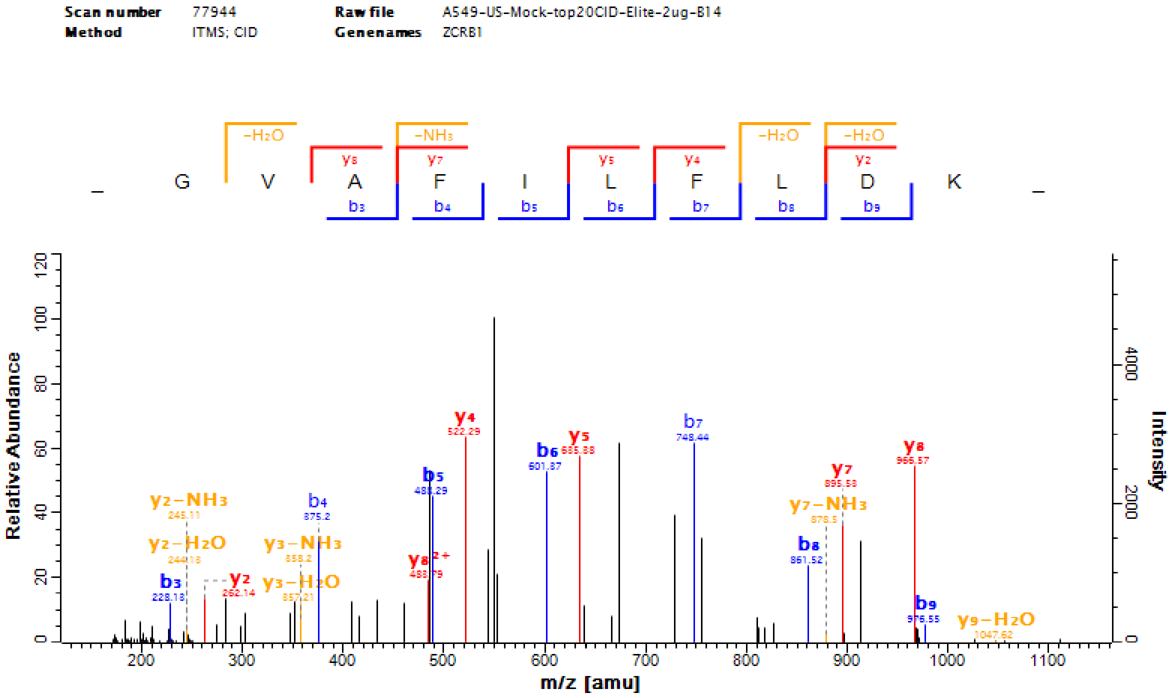
Protein Group ID: 1160
Protein Accession Numbers: Q96QD8; F8VUY8
Gene Names: SLC38A2
Peptide Sequence: SHYADVDPENQNFLLESNLGK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 107.15
Best Match Posterior Error Probability: 2.15E-05
Best Match Spectrum:



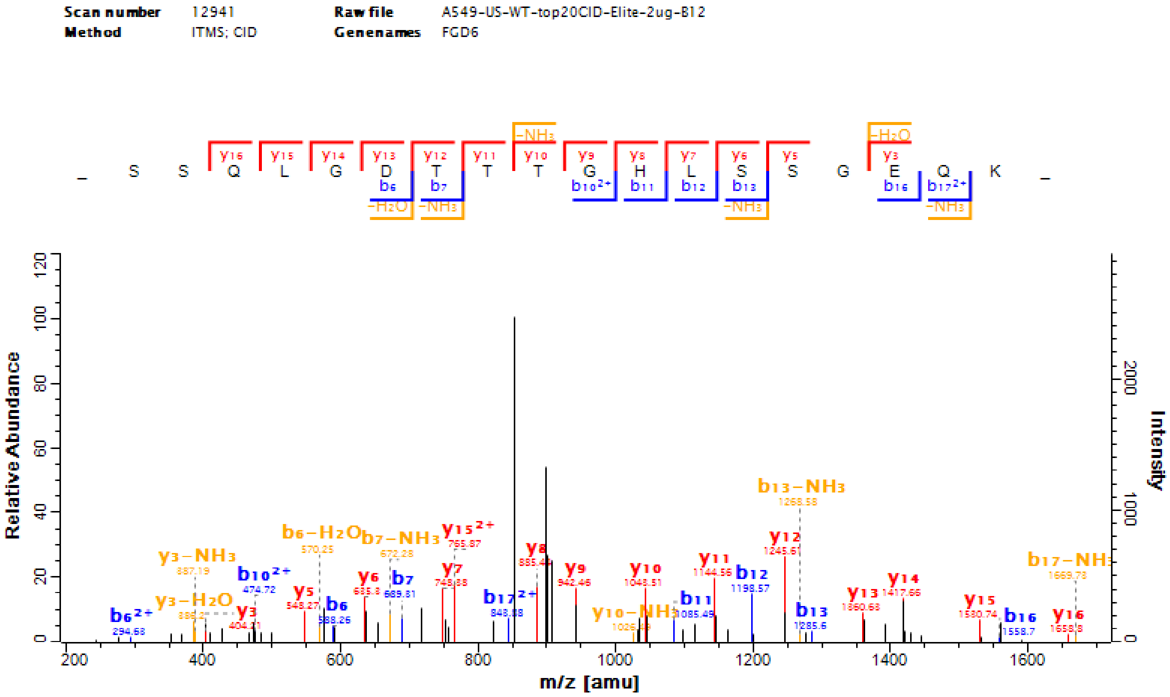
Protein Group ID: 1165
Protein Accession Numbers: F8VVS7; P55211; P55211-4; P55211-2; Q5JRU2
Gene Names: CASP9
Peptide Sequence: DHGFEVASTSPEDESPGSNPEPDATPFQEGLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 75.717
Best Match Posterior Error Probability: 9.07E-08
Best Match Spectrum:



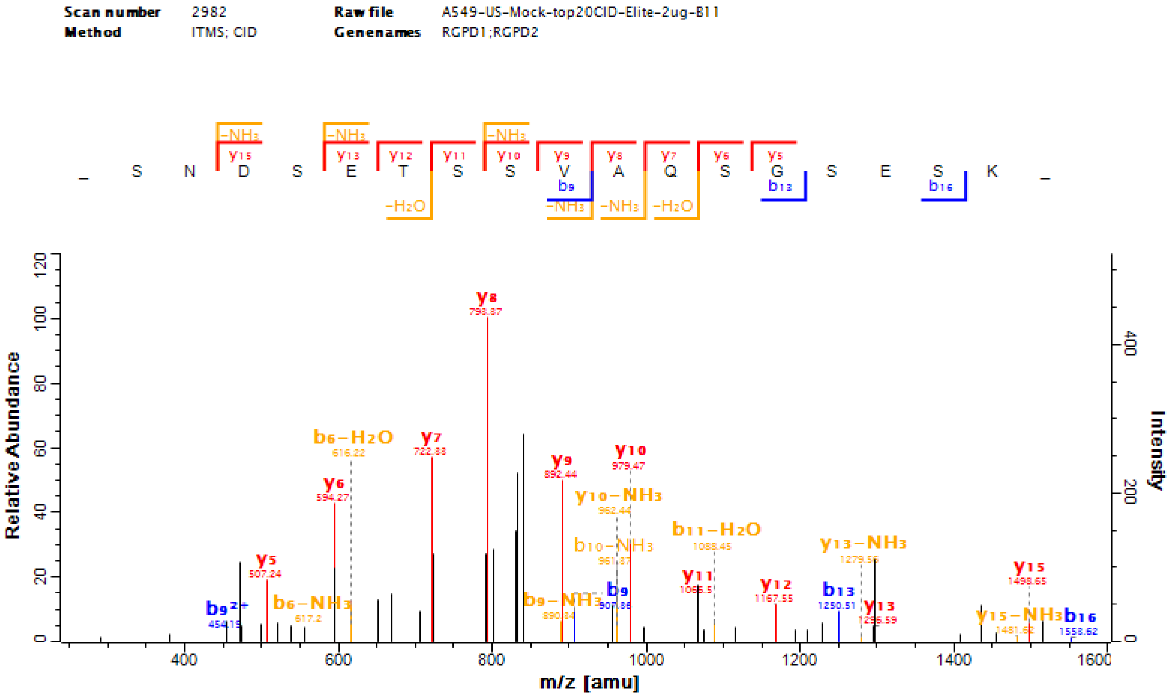
Protein Group ID: 1171
Protein Accession Numbers: Q8TBF4; G3V1V1; F8VXY6
Gene Names: ZCRB1
Peptide Sequence: GVAFILFLDK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 103.26
Best Match Posterior Error Probability: 0.0023218
Best Match Spectrum:



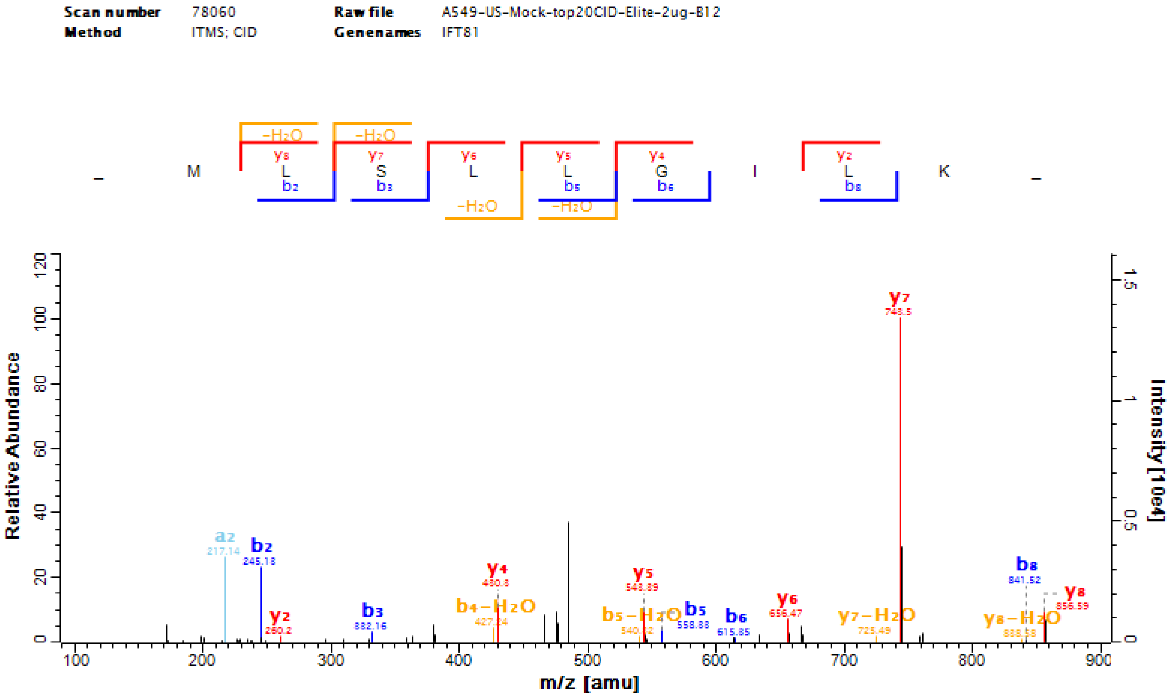
Protein Group ID: 1172
Protein Accession Numbers: Q6ZV73; Q6ZV73-2; F8VY01
Gene Names: FGD6
Peptide Sequence: SSQLGDTTTGHLSSGEQK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 126.8
Best Match Posterior Error Probability: 4.61E-05
Best Match Spectrum:



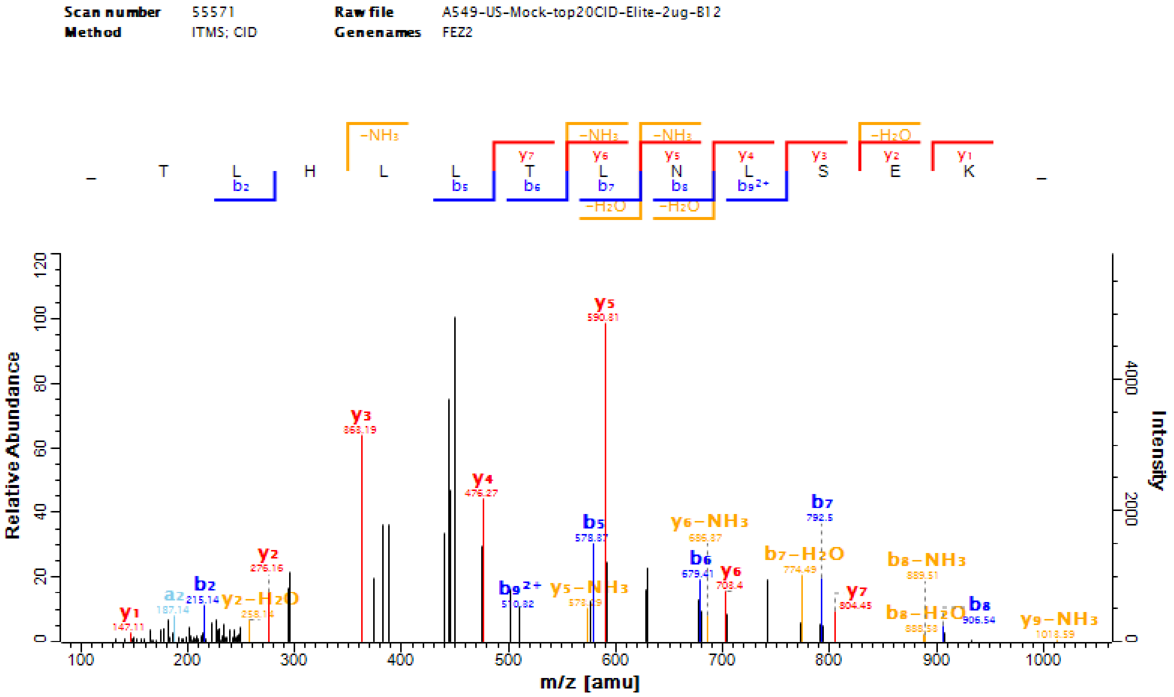
Protein Group ID: 1174
Protein Accession Numbers: F8VYC4; P0DJD1; J3QTV4; P0DJD0; E7ES93
Gene Names: RGPD1;RGPD2
Peptide Sequence: SNDSETSSVAQSGSESK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 79.393
Best Match Posterior Error Probability: 0.0016748
Best Match Spectrum:



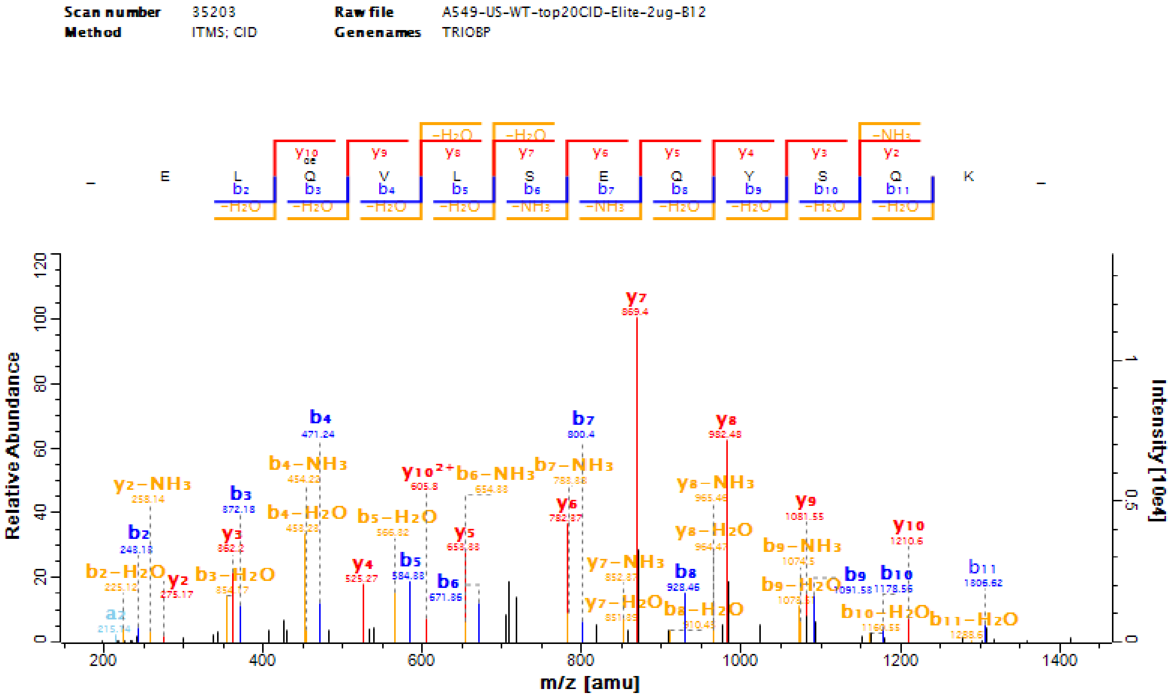
Protein Group ID: 1181
Protein Accession Numbers: Q8WYA0; H0YHE2; Q8WYA0-3; F8W1J4
Gene Names: IFT81
Peptide Sequence: MLSLLGILK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 120.15
Best Match Posterior Error Probability: 0.00041533
Best Match Spectrum:



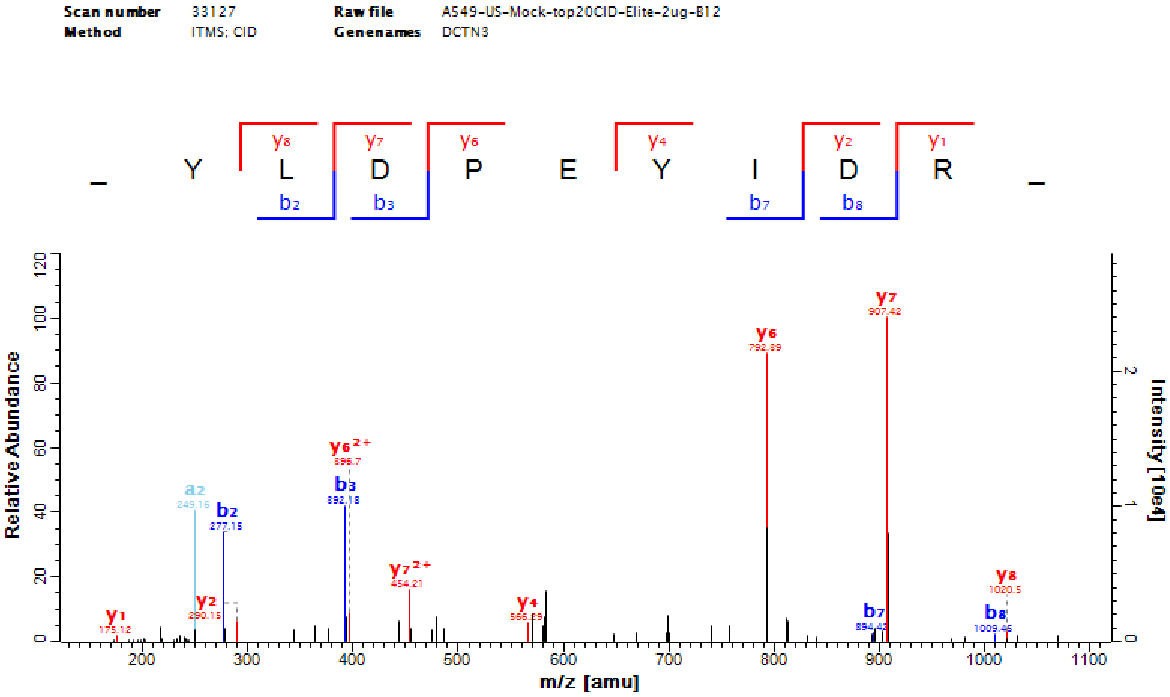
Protein Group ID: 1183
Protein Accession Numbers: Q9UHY8-2; Q9UHY8; G3V0F5; F8W6C0; F8WB37
Gene Names: FEZ2
Peptide Sequence: TLHLLTLNLSEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 109.72
Best Match Posterior Error Probability: 0.00027452
Best Match Spectrum:



Protein Group ID: 1184
Protein Accession Numbers: Q9H2D6; Q9H2D6-2; Q9H2D6-3; F8W6V6; Q9H2D6-5
Gene Names: TRIOBP
Peptide Sequence: ELQVLSEQYSQK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 273.27
Best Match Posterior Error Probability: 9.76E-104
Best Match Spectrum:

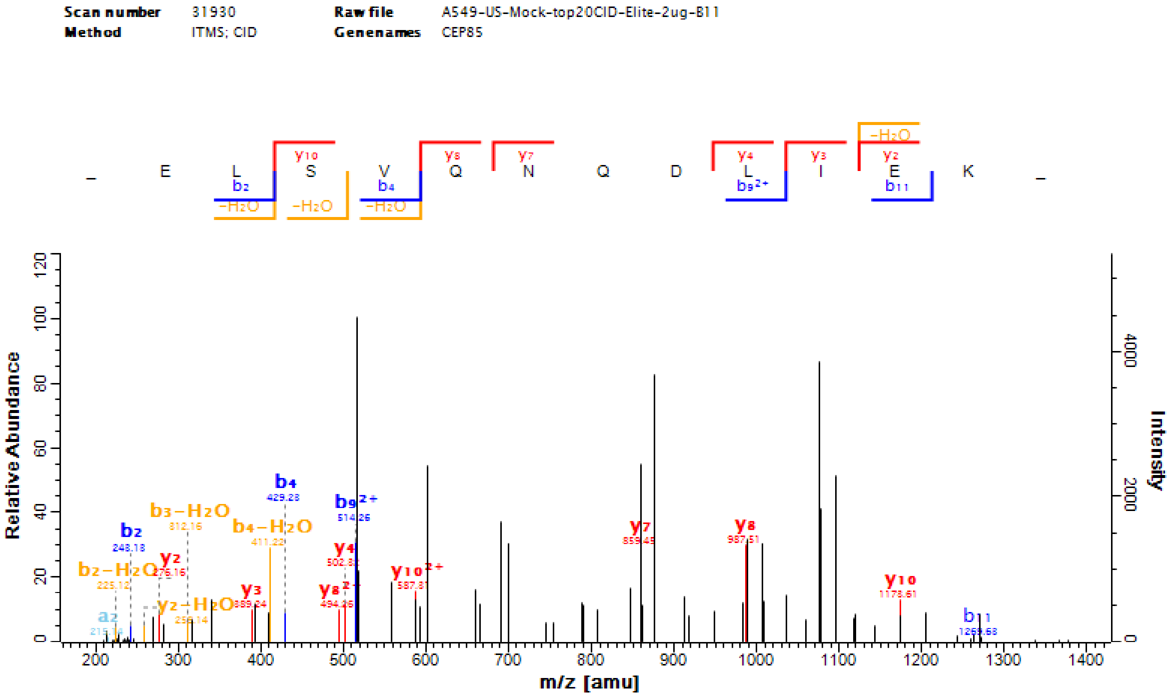


Protein Group ID: 1187
Protein Accession Numbers: O75935; O75935-2; Q8NB28; F8W786; O75935-3
Gene Names: DCTN3
Peptide Sequence: YLDPEYIDR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 87.913
Best Match Posterior Error Probability: 0.0040334
Best Match Spectrum:

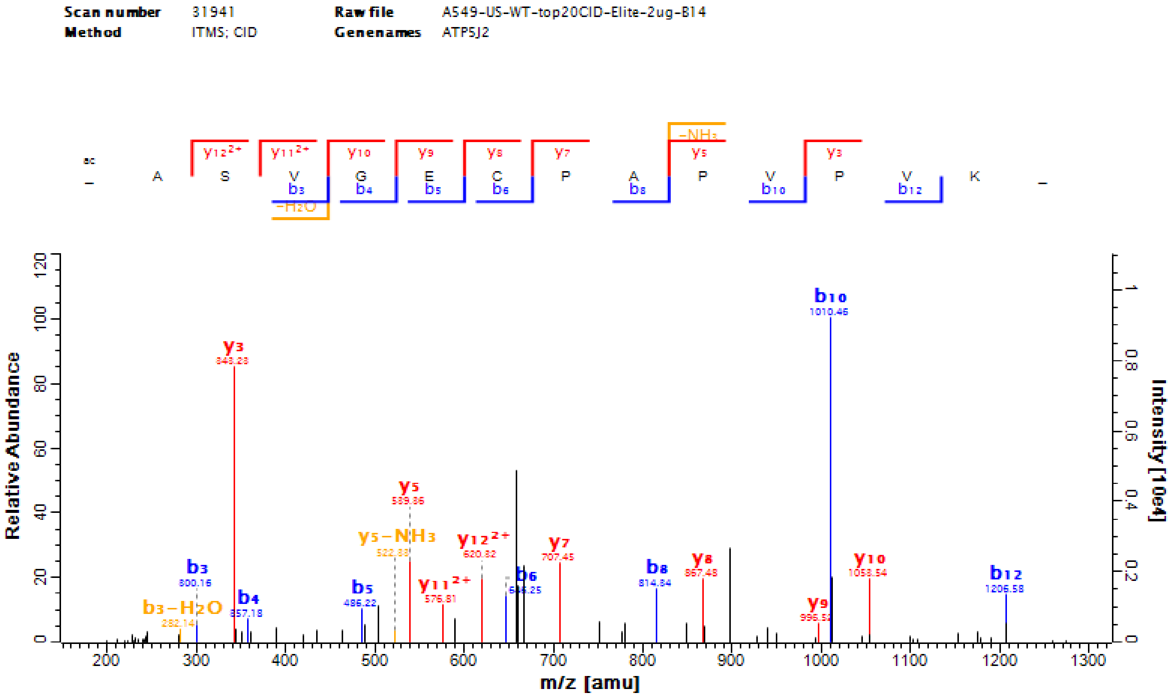


Scan number 33127 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** DCTN3

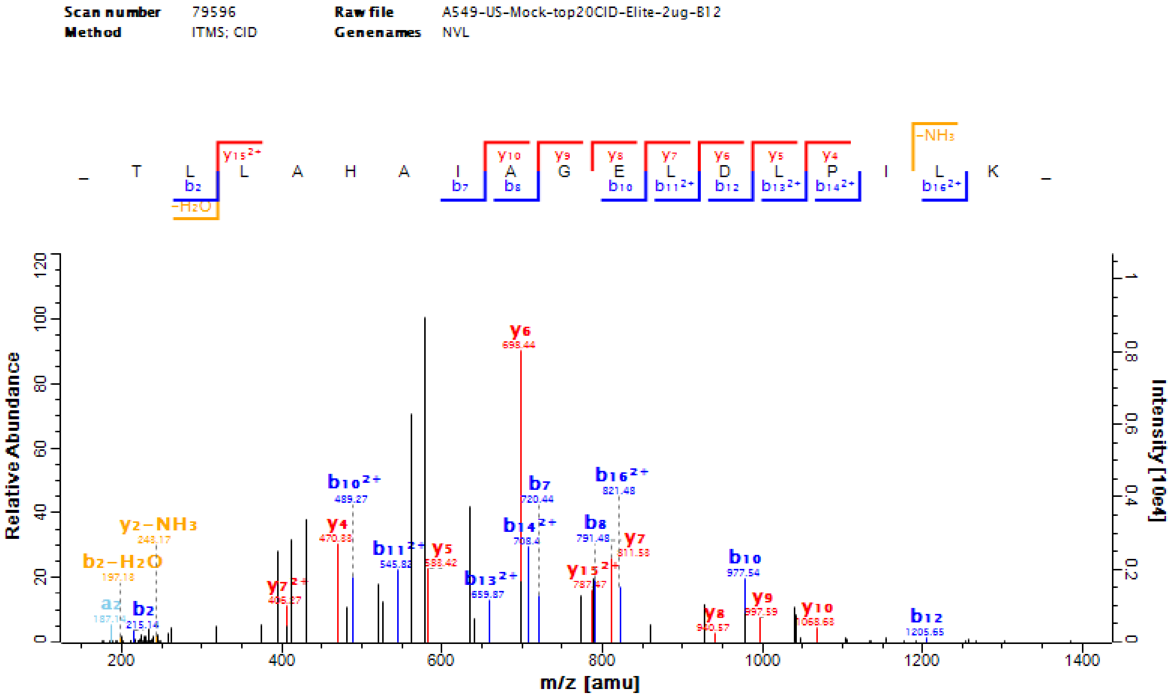
Protein Group ID: 1189
Protein Accession Numbers: Q6P2H3; Q6P2H3-2; F8W7K4; H7BZW2; Q6P2H3-3
Gene Names: CEP85
Peptide Sequence: ELSVQNQDLIEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 78.903
Best Match Posterior Error Probability: 0.0036177
Best Match Spectrum:



Protein Group ID: 1192
Protein Accession Numbers: P56134; F8W7V3
Gene Names: ATP5J2
Peptide Sequence: ASVGECPAPVPVK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 105.17
Best Match Posterior Error Probability: 0.00058762
Best Match Spectrum:

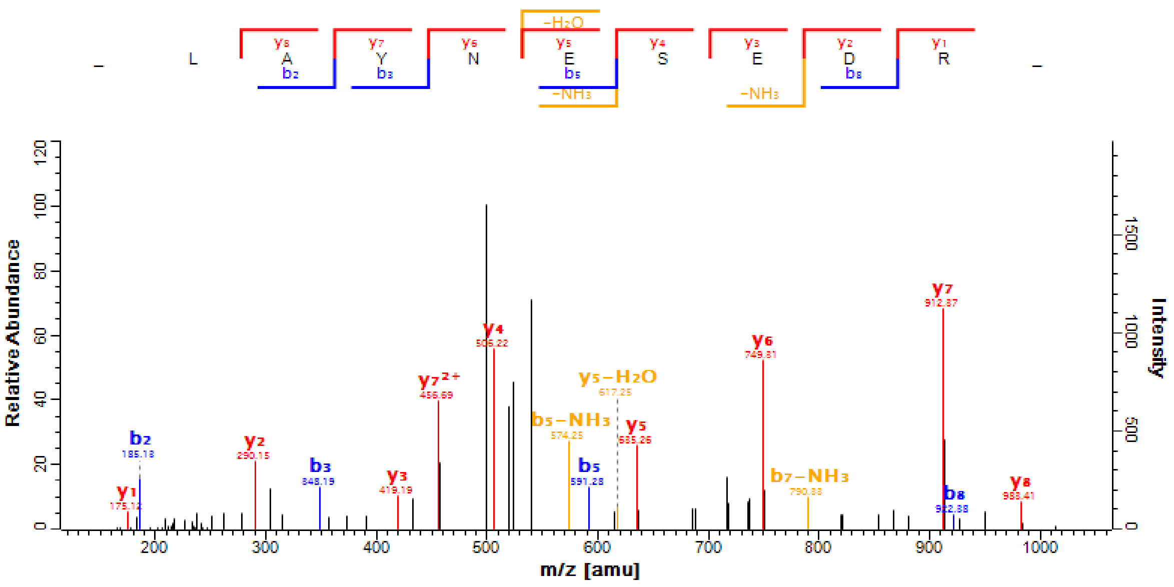


Protein Group ID: 1197
Protein Accession Numbers: O15381; O15381-5; O15381-2; H0Y8B6; O15381-3; F8W938
Gene Names: NVL
Peptide Sequence: TLLAHAIAGELDLPILK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 88.768
Best Match Posterior Error Probability: 0.00046545
Best Match Spectrum:

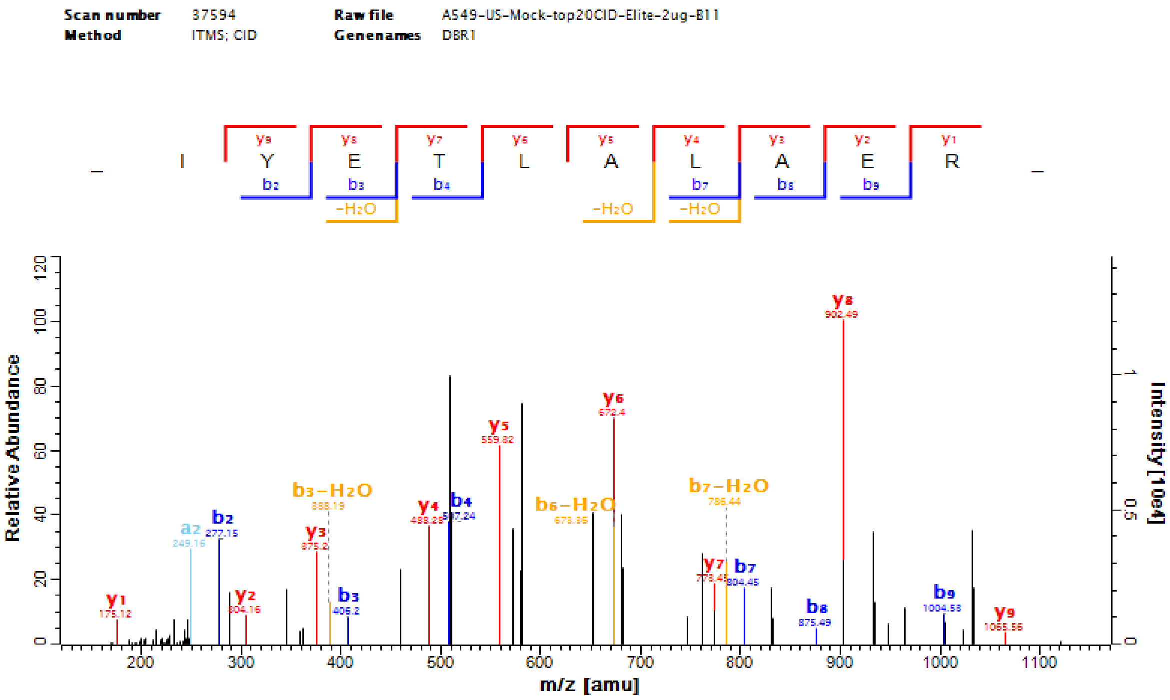


Protein Group ID: 1201
Protein Accession Numbers: F8W9H1; J3KPJ3; Q8N5S9-2; Q8N5S9
Gene Names: CAMKK1
Peptide Sequence: LAYNESEDR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 105.98
Best Match Posterior Error Probability: 0.001302
Best Match Spectrum:

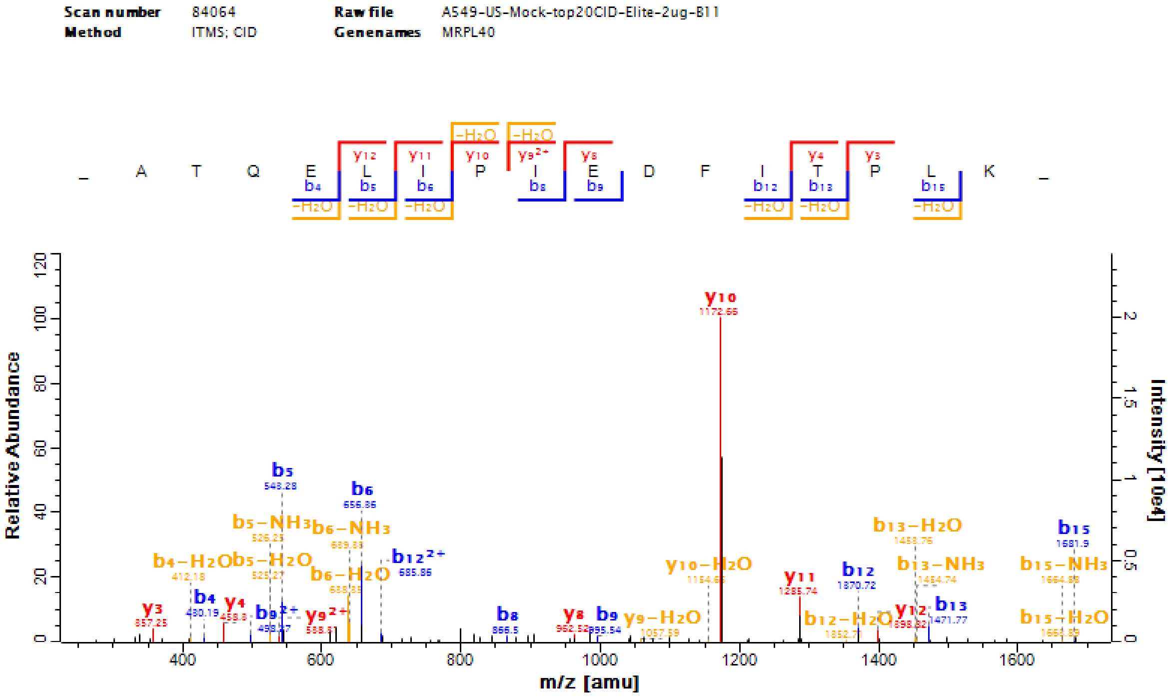
Scan number 7673 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** CAMKK1



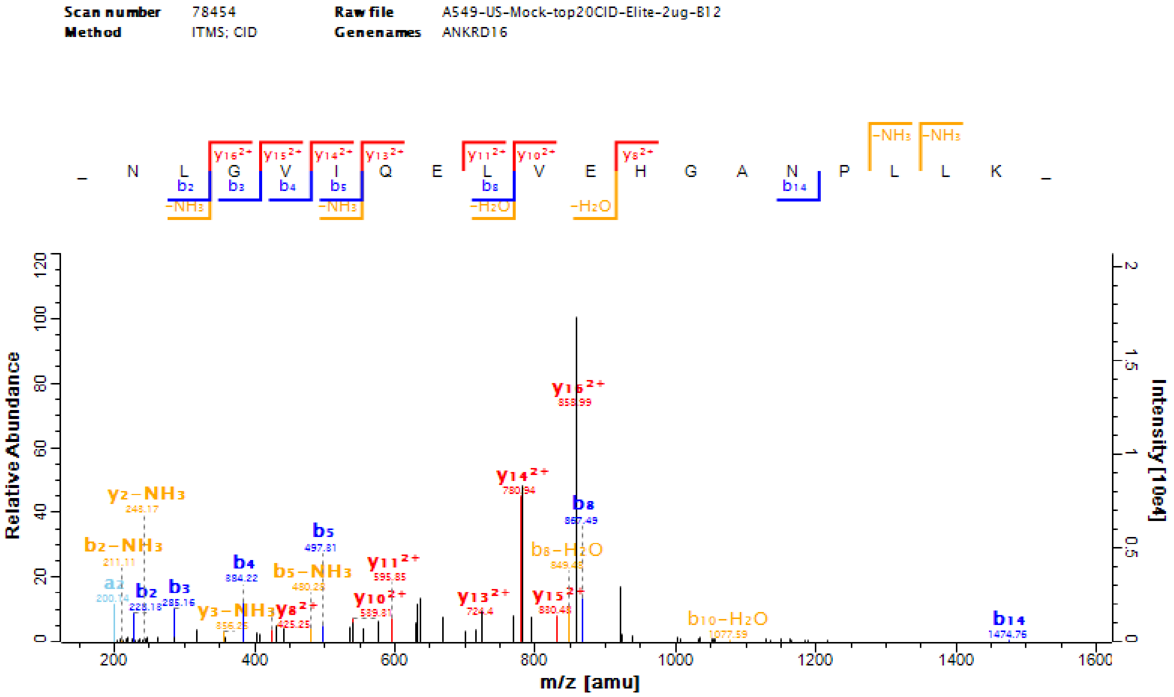
Protein Group ID: 1209
Protein Accession Numbers: Q9UK59; F8WAY1
Gene Names: DBR1
Peptide Sequence: IYETLALAER
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 116.55
Best Match Posterior Error Probability: 0.0001962
Best Match Spectrum:



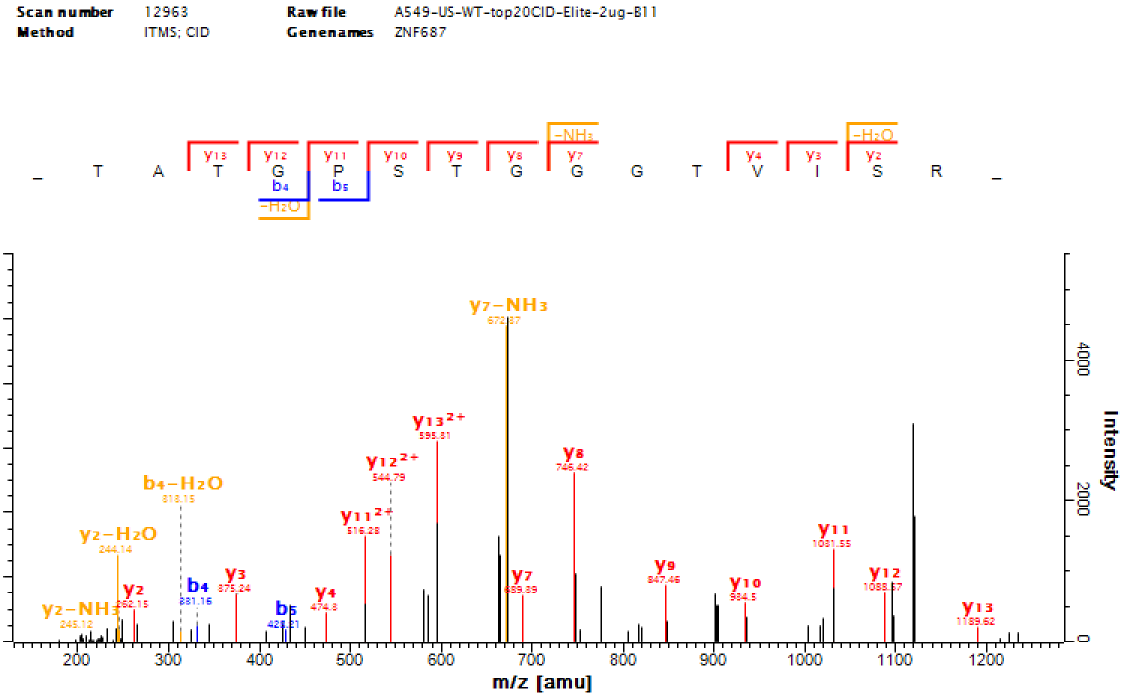
Protein Group ID: 1212
Protein Accession Numbers: Q9NQ50; F8WBK5
Gene Names: MRPL40
Peptide Sequence: ATQELIPIEDFITPLK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 145.86
Best Match Posterior Error Probability: 2.04E-06
Best Match Spectrum:



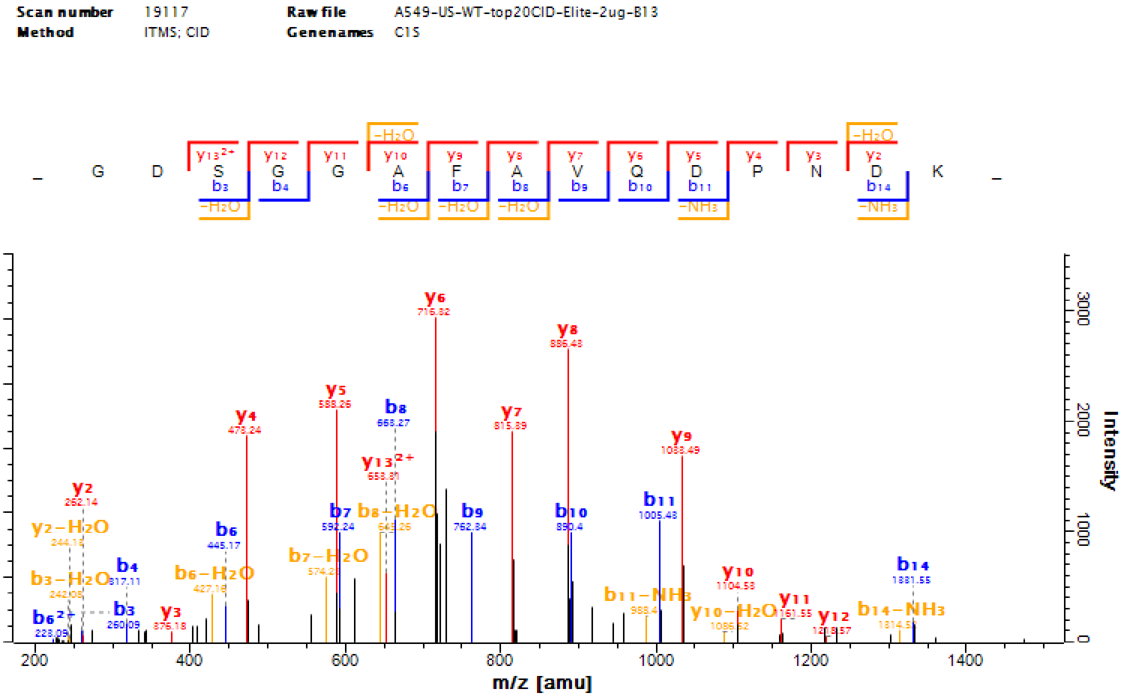
Protein Group ID: 1213
Protein Accession Numbers: Q6P6B7; F8WEI4; F8WBM1
Gene Names: ANKRD16
Peptide Sequence: NLGVIQELVEHGANPLLK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 79.652
Best Match Posterior Error Probability: 0.001278
Best Match Spectrum:



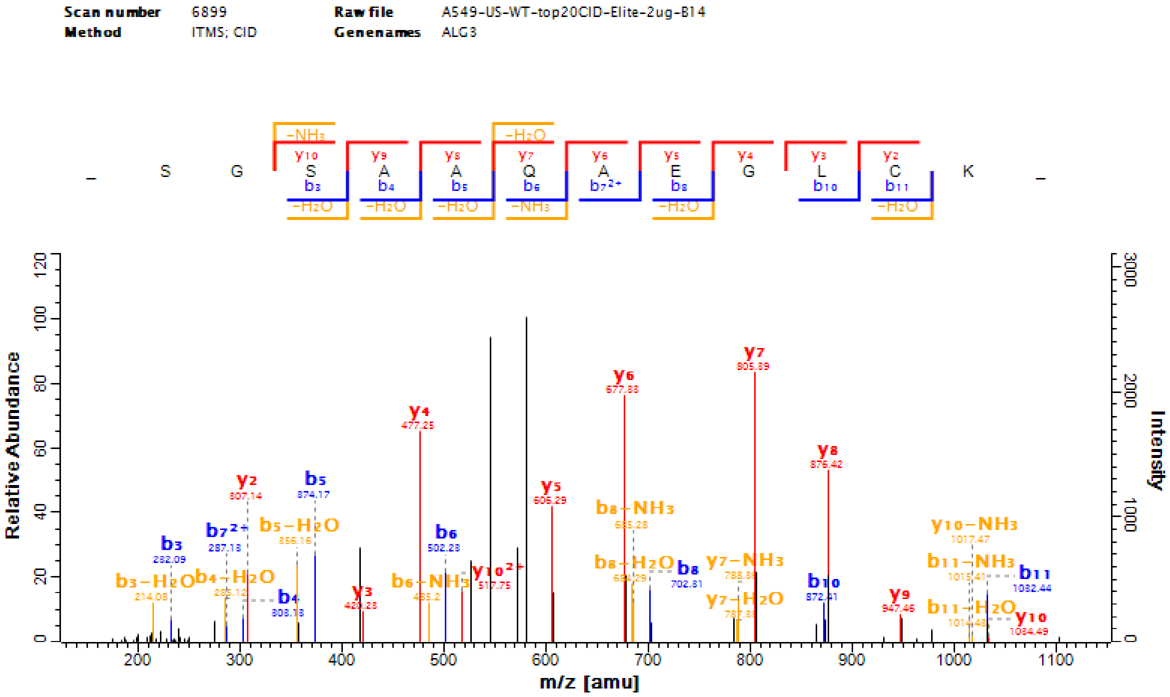
Protein Group ID: 1218
Protein Accession Numbers: Q8N1G0; Q8N1G0-2; F8WCX2; H0Y5I5
Gene Names: ZNF687
Peptide Sequence: TATGPSTGGGTVISR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 79.771
Best Match Posterior Error Probability: 0.0026466
Best Match Spectrum:



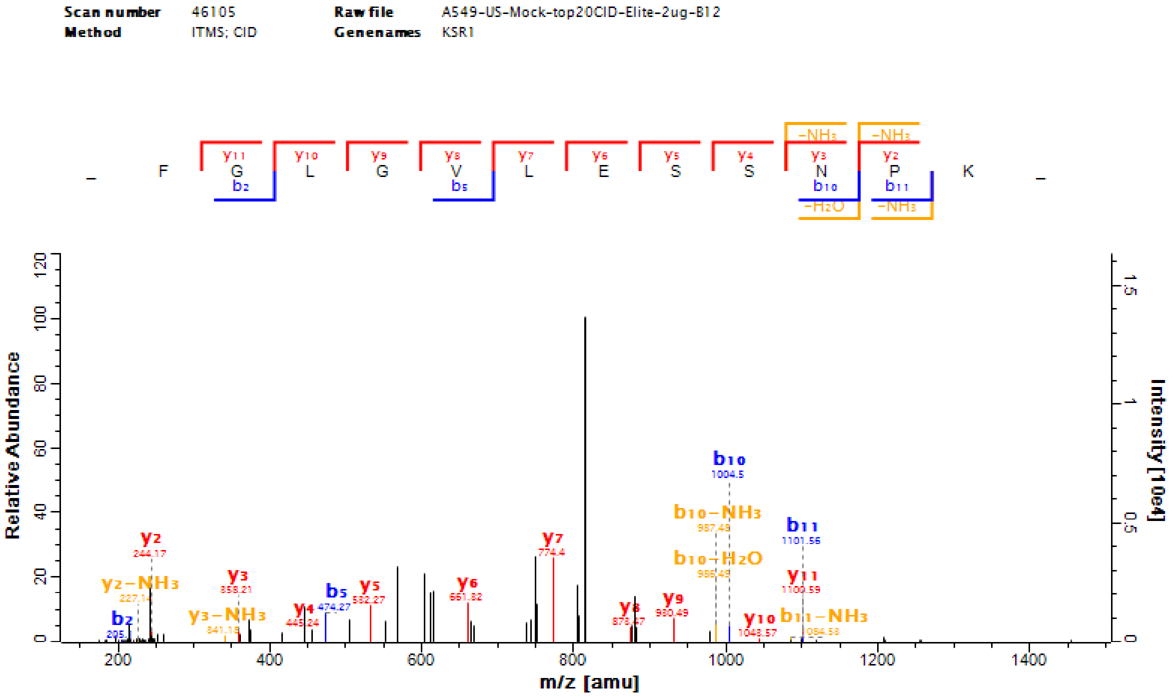
Protein Group ID: 1220
Protein Accession Numbers: P09871; F8WCZ6
Gene Names: C1S
Peptide Sequence: GDSGGAFAVQDPNDK
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 142.91
Best Match Posterior Error Probability: 7.04E-06
Best Match Spectrum:



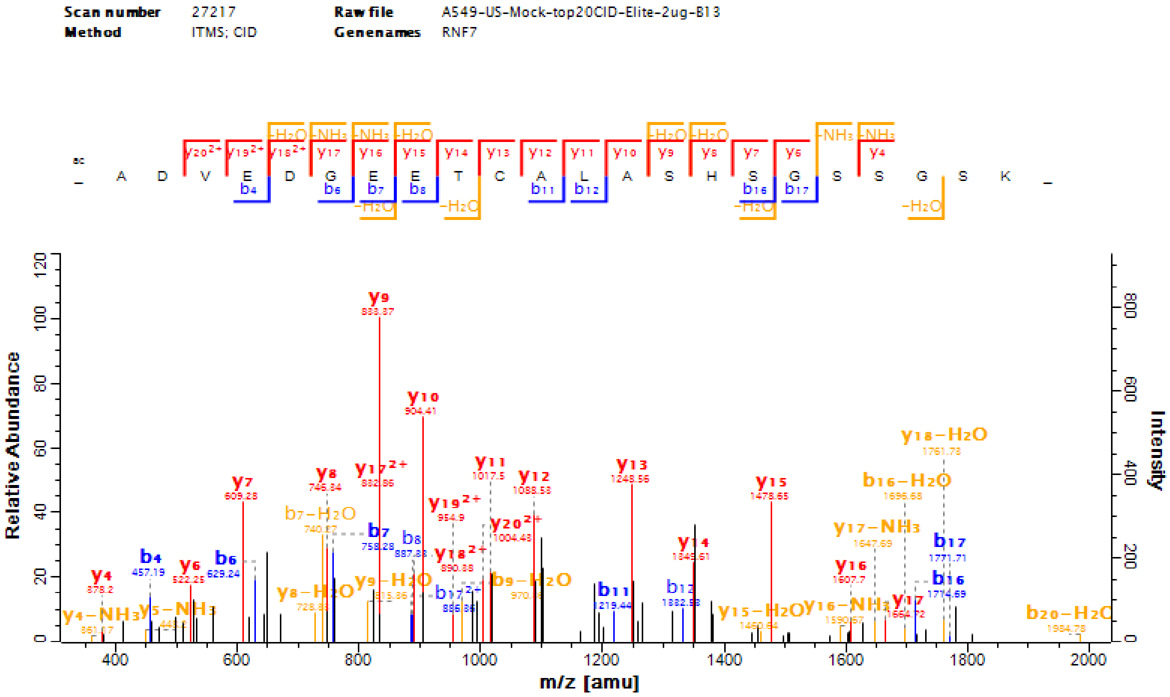
Protein Group ID: 1223
Protein Accession Numbers: Q92685; H7C0X4; F8WE30; H7BZZ2; F8WF93
Gene Names: ALG3
Peptide Sequence: SGSAAQAEGLCK
Total Number of Spectra: 9
Number of Replicates (out of 8): 7
Best Match Score: 191.79
Best Match Posterior Error Probability: 3.03E-18
Best Match Spectrum:



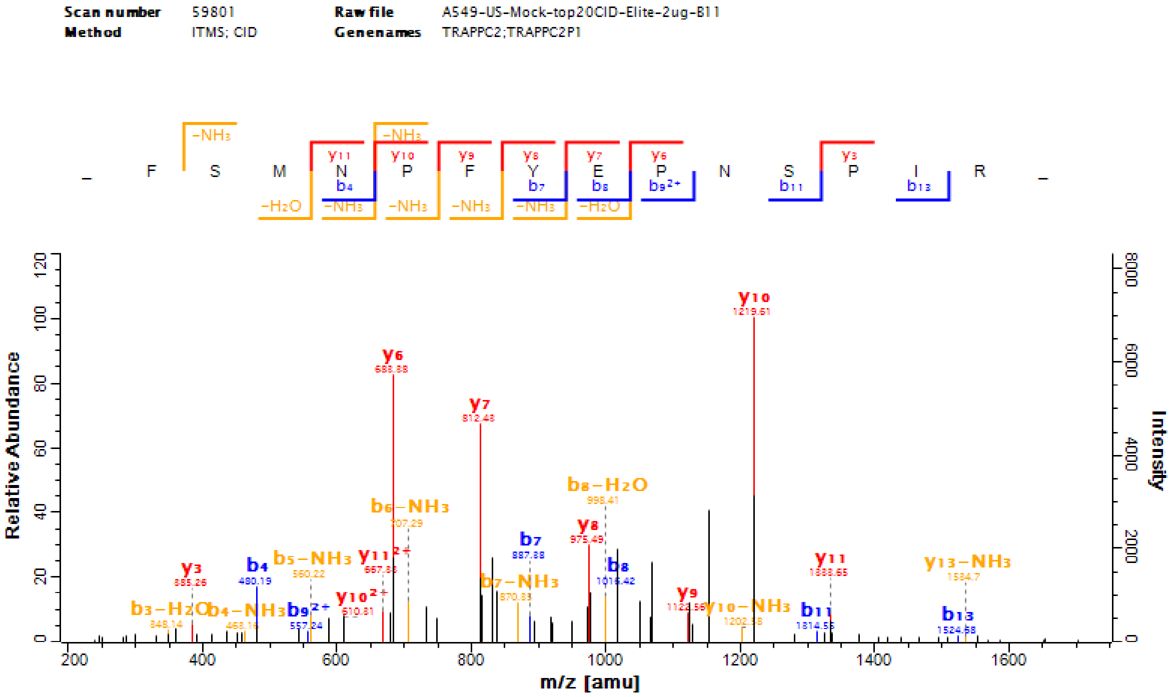
Protein Group ID: 1224
Protein Accession Numbers: F8WEA9; Q8IVT5; Q8IVT5-3; J3QQL4
Gene Names: KSR1
Peptide Sequence: FGLGVLESSNPK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.43
Best Match Posterior Error Probability: 0.0014893
Best Match Spectrum:



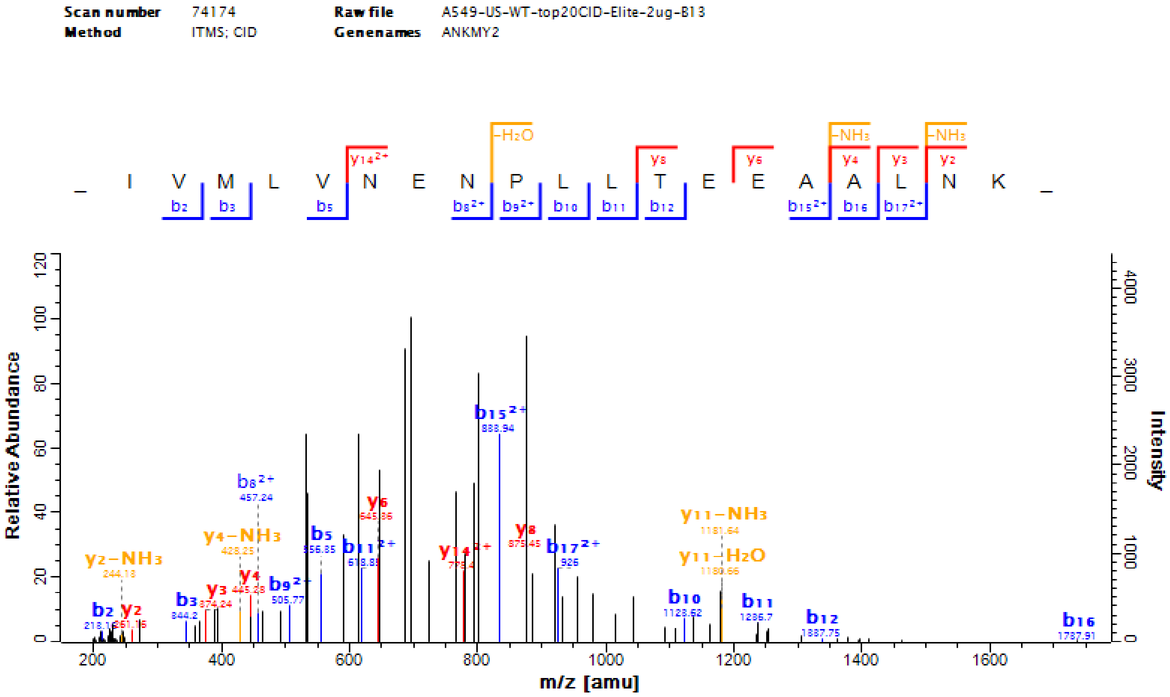
Protein Group ID: 1225
Protein Accession Numbers: Q9UBF6; Q9UBF6-2; Q9UBF6-4; Q9UBF6-3; F8WEU8
Gene Names: RNF7
Peptide Sequence: ADVEDGEETCALASHSGSSGSK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 158.44
Best Match Posterior Error Probability: 2.46E-30
Best Match Spectrum:



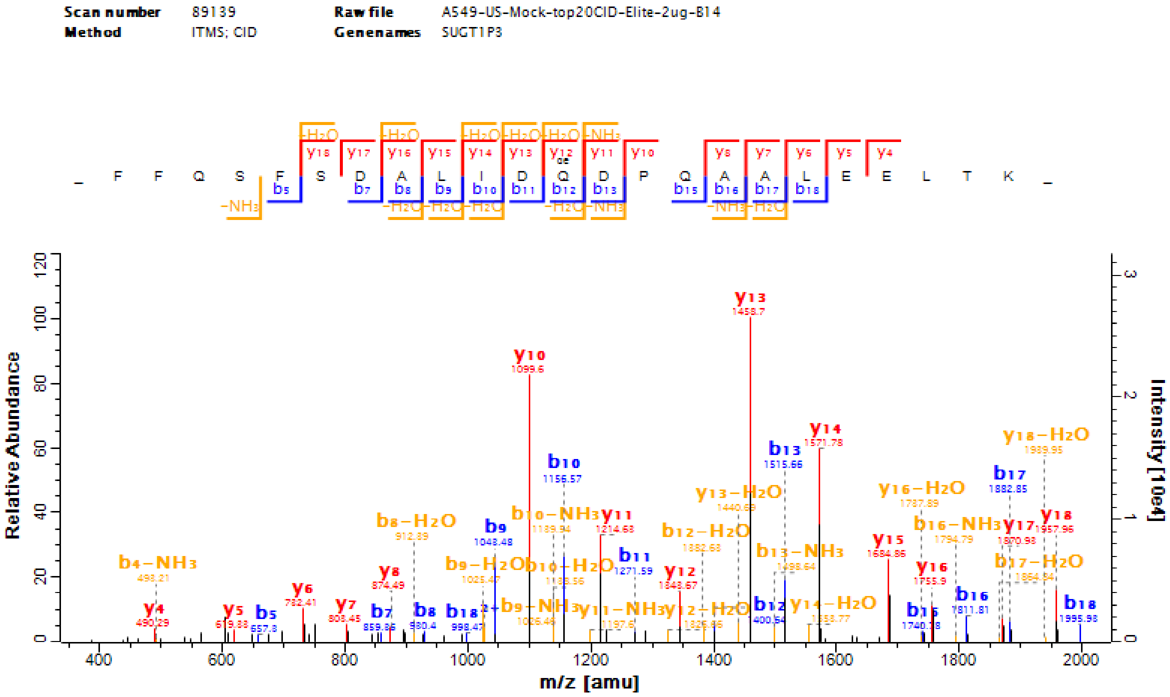
Protein Group ID: 1228
Protein Accession Numbers: P0DI81-3; G1K394; P0DI81; P0DI82
Gene Names: TRAPPC2;TRAPPC2P1
Peptide Sequence: FSMNPFYEPNSPIR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 95.981
Best Match Posterior Error Probability: 0.00062797
Best Match Spectrum:



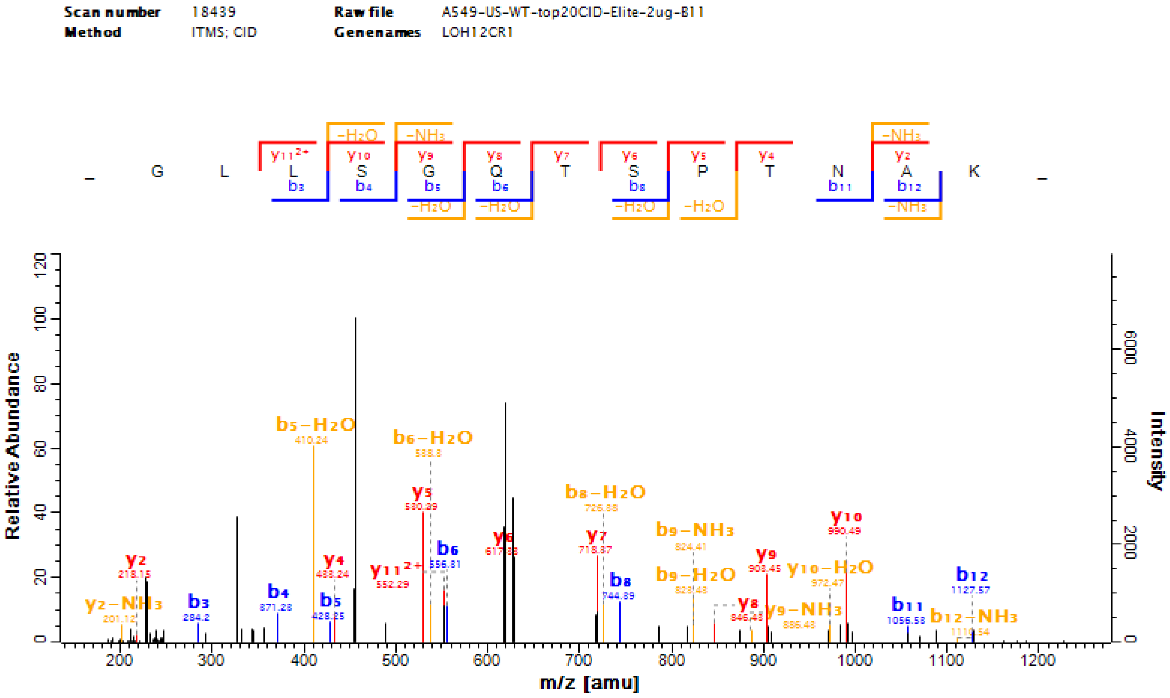
Protein Group ID: 1230
Protein Accession Numbers: Q8IV38; G3V0G5
Gene Names: ANKMY2
Peptide Sequence: IVMLVNENPLLTEEAALNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 69.805
Best Match Posterior Error Probability: 0.0027986
Best Match Spectrum:



Protein Group ID: 1236
Protein Accession Numbers: G3V1B1
Gene Names: SUGT1P3
Peptide Sequence: FFQSFSDALIDQDPQAALEELTK
Total Number of Spectra: 15
Number of Replicates (out of 8): 8
Best Match Score: 193.42
Best Match Posterior Error Probability: 6.00E-40
Best Match Spectrum:

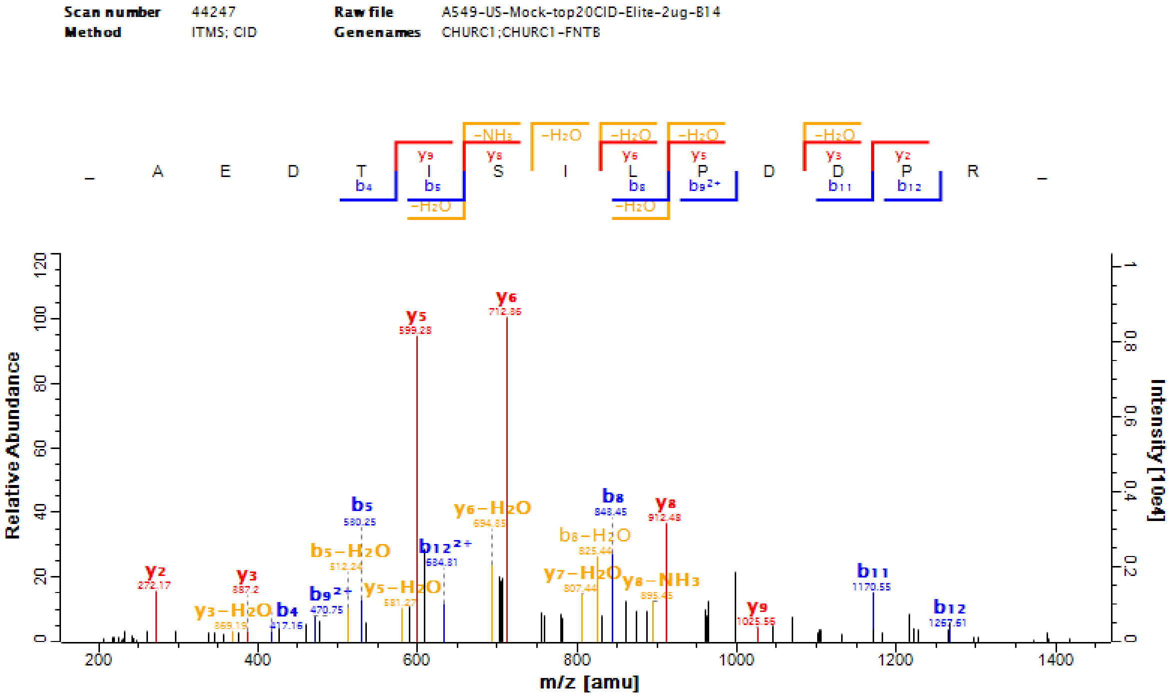


Protein Group ID: 1240
Protein Accession Numbers: Q969J3; G3V1P3
Gene Names: LOH12CR1
Peptide Sequence: GLLSGQTSPTNAK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 117.7
Best Match Posterior Error Probability: 0.00018435
Best Match Spectrum:

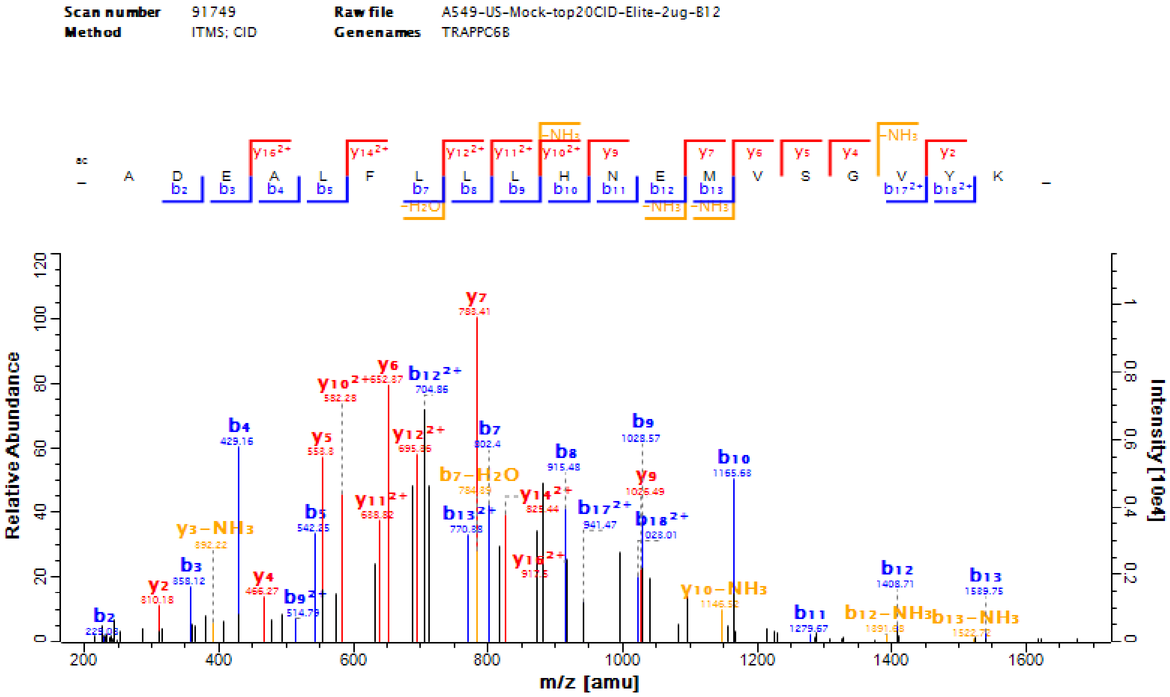


Scan number 18439
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B11
Genenames LOH12CR1

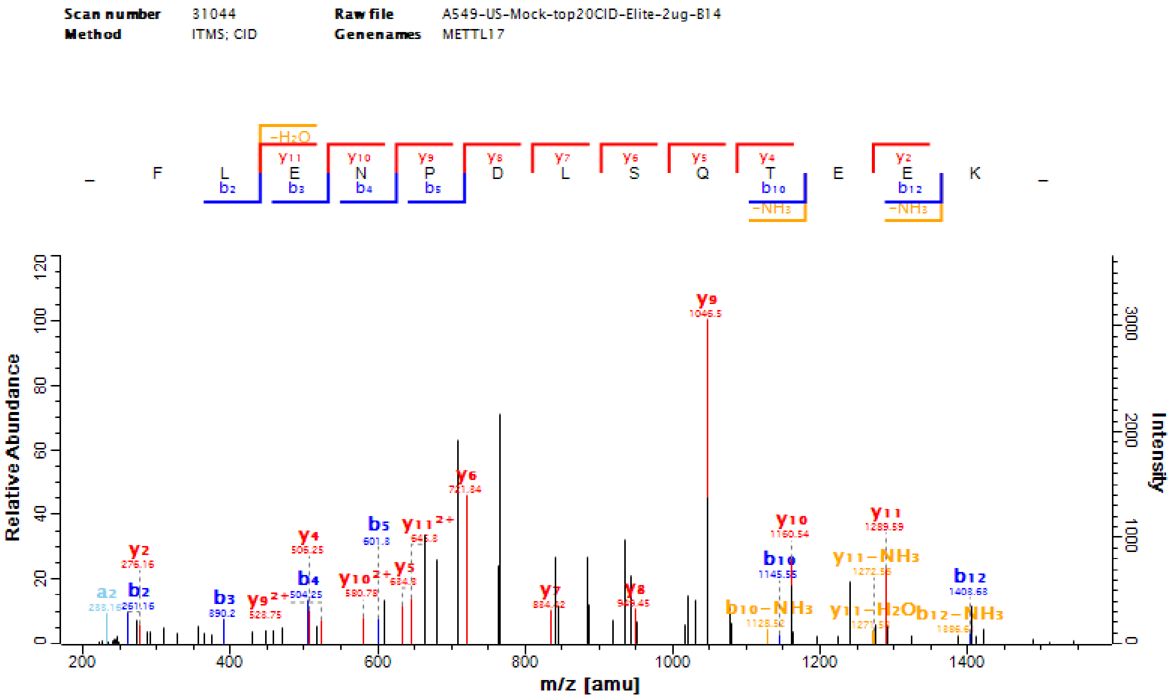
Protein Group ID: 1243
Protein Accession Numbers: G3V1X3; Q8WUH1; G3V214; Q8WUH1-2; H0YIM9
Gene Names: CHURC1;CHURC1-FNTB
Peptide Sequence: AEDTISILPDDPR
Total Number of Spectra: 8
Number of Replicates (out of 8): 6
Best Match Score: 136.7
Best Match Posterior Error Probability: 3.33E-05
Best Match Spectrum:



Protein Group ID: 1248
Protein Accession Numbers: Q86SZ2; Q86SZ2-2; G3V2H7; G3V4C3
Gene Names: TRAPPC6B
Peptide Sequence: ADEALFLLLHNEMVSGVYK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 149.99
Best Match Posterior Error Probability: 1.67E-07
Best Match Spectrum:

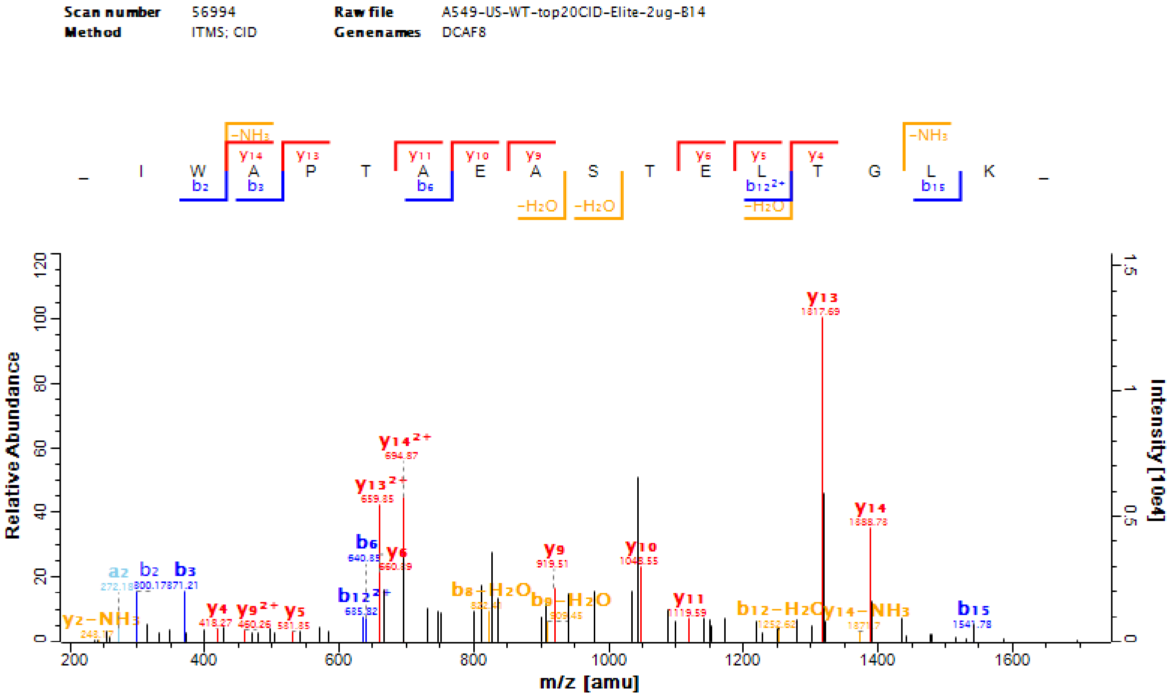


Protein Group ID: 1250
Protein Accession Numbers: Q9H7H0-3; Q9H7H0; Q9H7H0-2; G3V2Q4; G3V4H5; G3V353; H0YJW8; G3V3X6; G3V4P2
Gene Names: METTL17
Peptide Sequence: FLENPDLSQTEEK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 124.51
Best Match Posterior Error Probability: 9.33E-05
Best Match Spectrum:

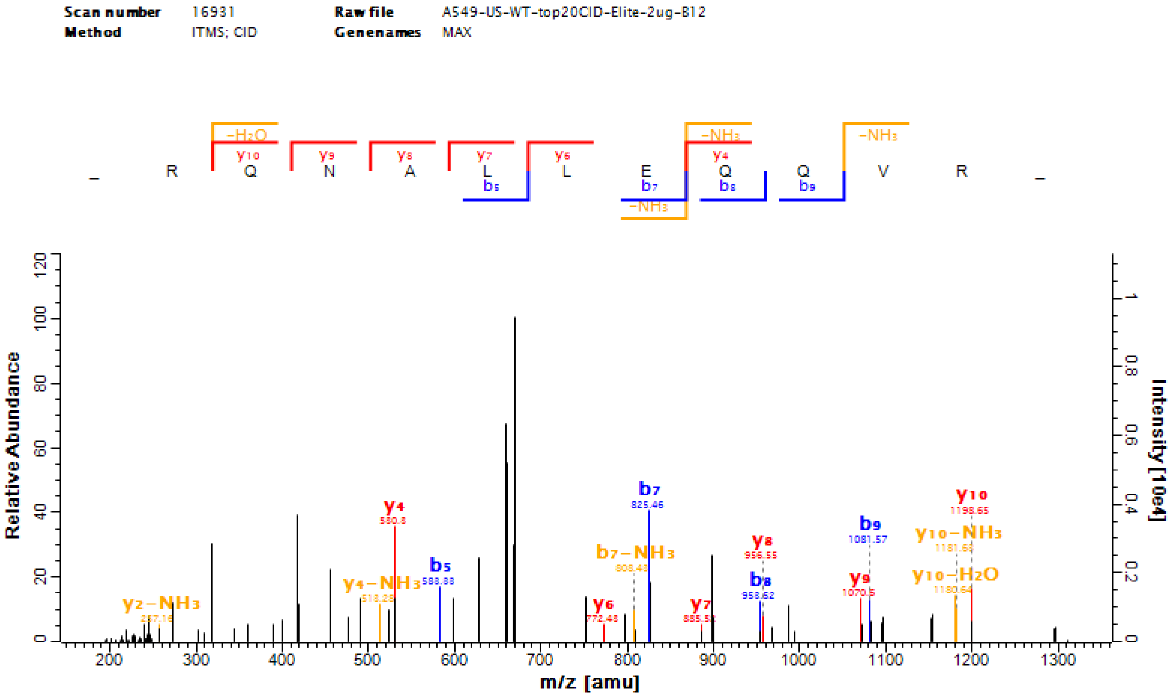


Scan number 31044 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** METTL17

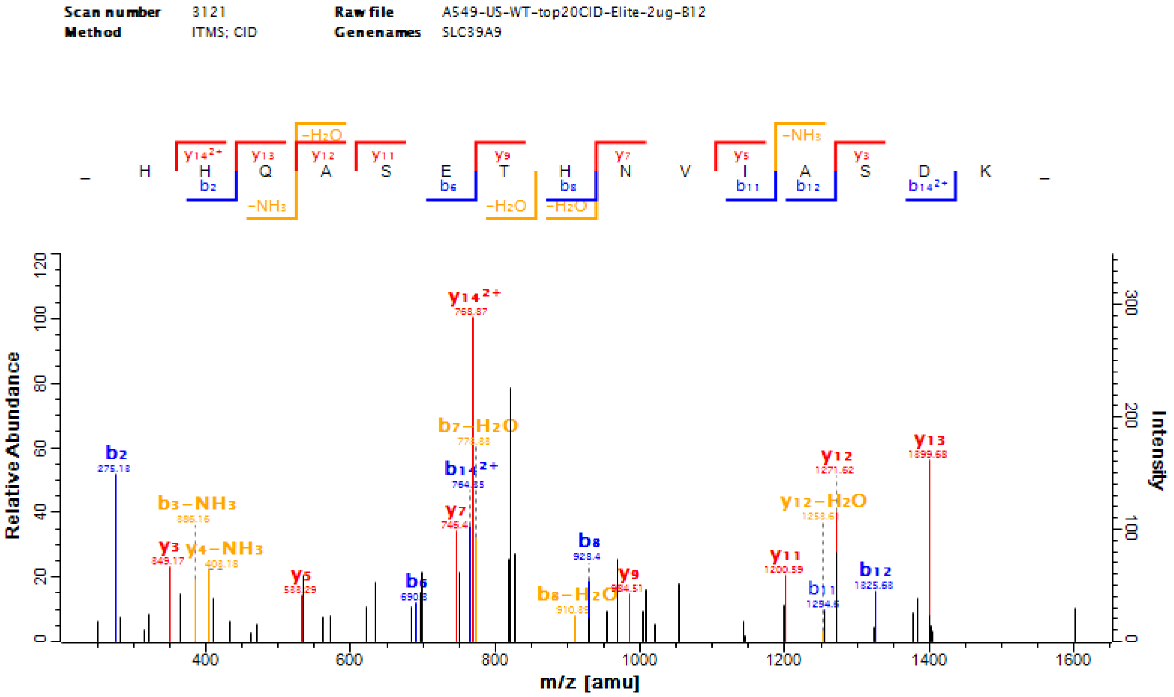
Protein Group ID: 1257
Protein Accession Numbers: G3V3G9; Q5TAQ9
Gene Names: DCAF8
Peptide Sequence: IWAPTAEASTELTGLK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 88.561
Best Match Posterior Error Probability: 0.0006397
Best Match Spectrum:



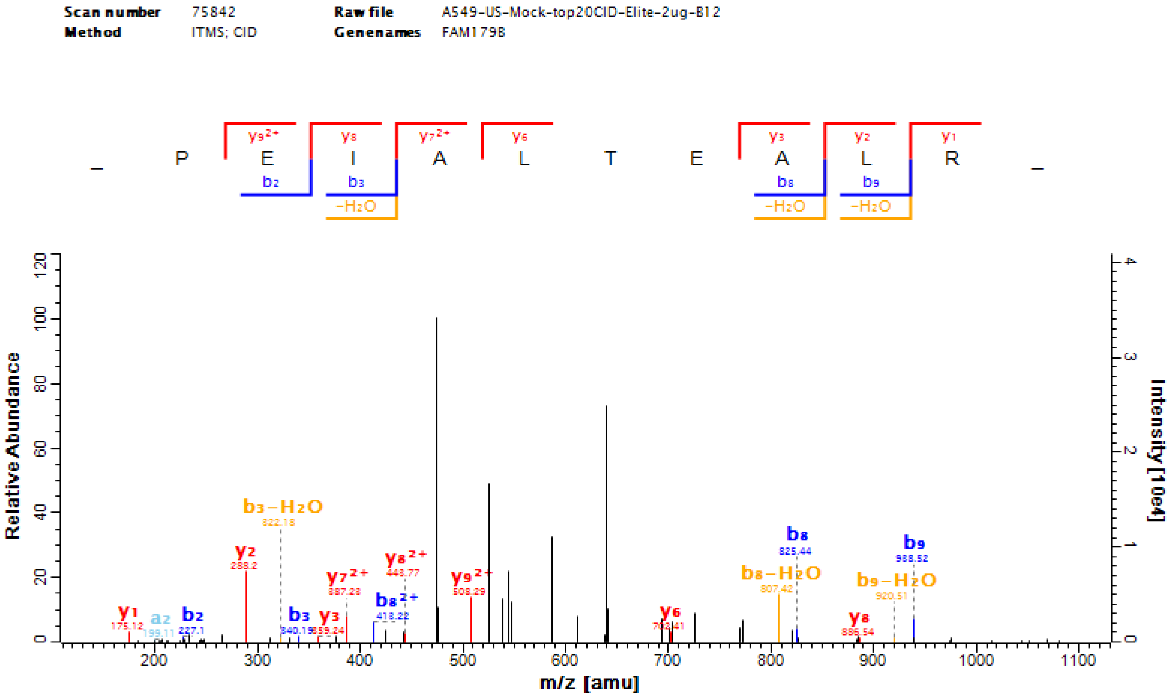
Protein Group ID: 1263
Protein Accession Numbers: P61244; P61244-2; G3V5L1; G3V570
Gene Names: MAX
Peptide Sequence: RQNALLEQQVR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 91.961
Best Match Posterior Error Probability: 0.0029766
Best Match Spectrum:



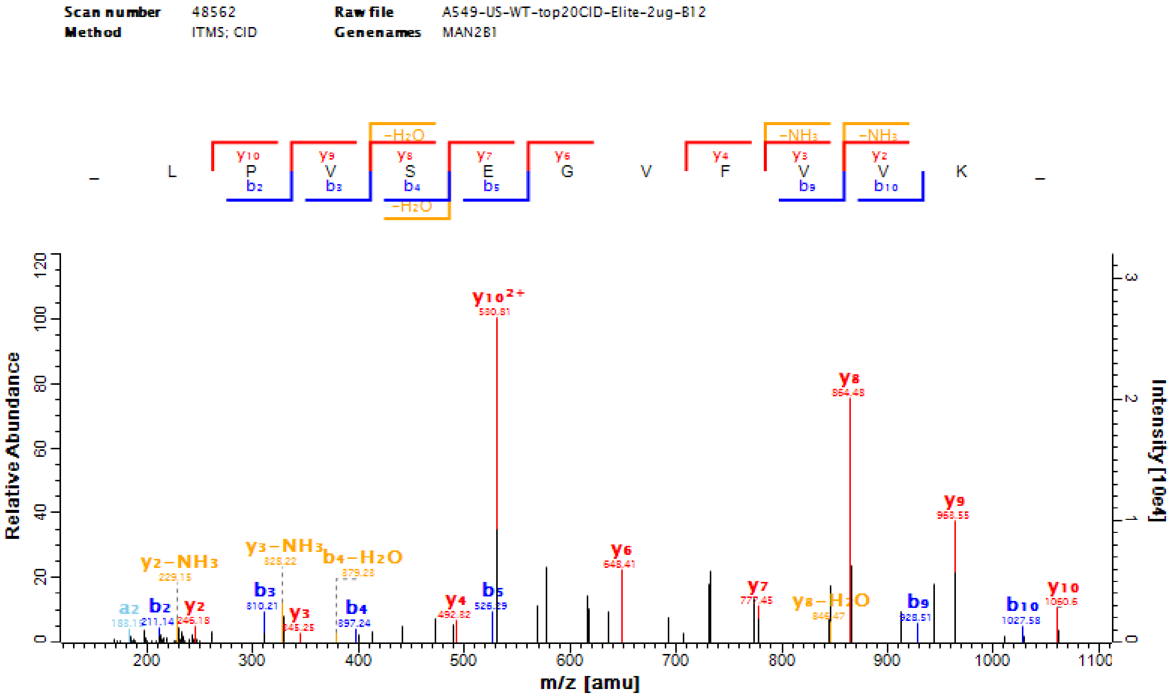
Protein Group ID: 1267
Protein Accession Numbers: Q9NUM3; Q9NUM3-2; G3V5J8
Gene Names: SLC39A9
Peptide Sequence: HHQASETHNVIASDK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 107.61
Best Match Posterior Error Probability: 0.00014713
Best Match Spectrum:



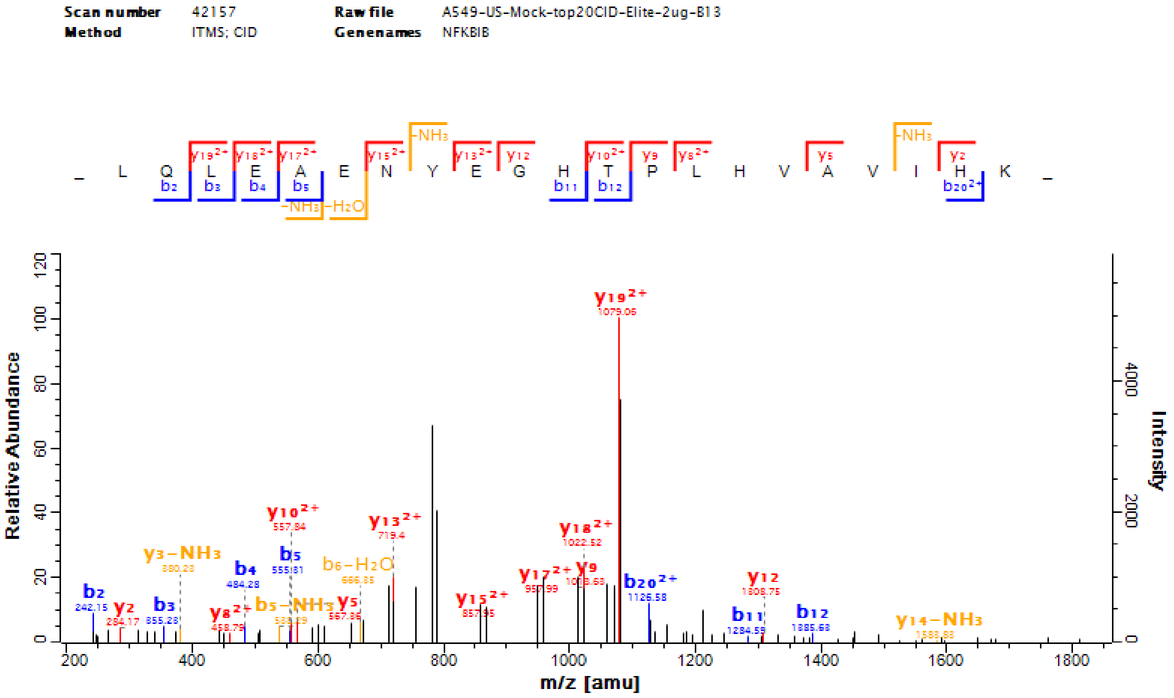
Protein Group ID: 1272
Protein Accession Numbers: G3XAE9; Q9Y4F4
Gene Names: FAM179B
Peptide Sequence: PEIALTEALR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 110.76
Best Match Posterior Error Probability: 0.00031437
Best Match Spectrum:



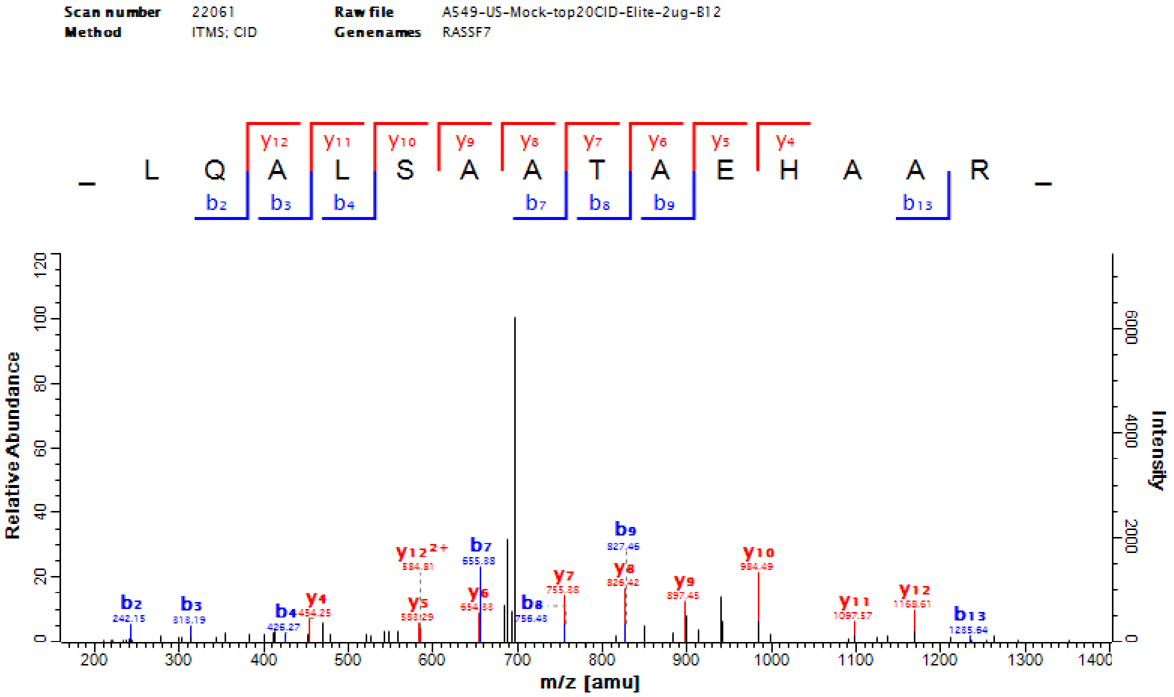
Protein Group ID: 1277
Protein Accession Numbers: O00754; G5E928; H7BZP0
Gene Names: MAN2B1
Peptide Sequence: LPVSEGVFVVK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 126.71
Best Match Posterior Error Probability: 4.31E-05
Best Match Spectrum:



Protein Group ID: 1282
Protein Accession Numbers: Q15653; Q15653-2; G5E9C2; I3L4X3; I3L1A4
Gene Names: NFKBIB
Peptide Sequence: LQLEAENYEGHTPLHVAVIHK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 73.918
Best Match Posterior Error Probability: 0.0007318
Best Match Spectrum:

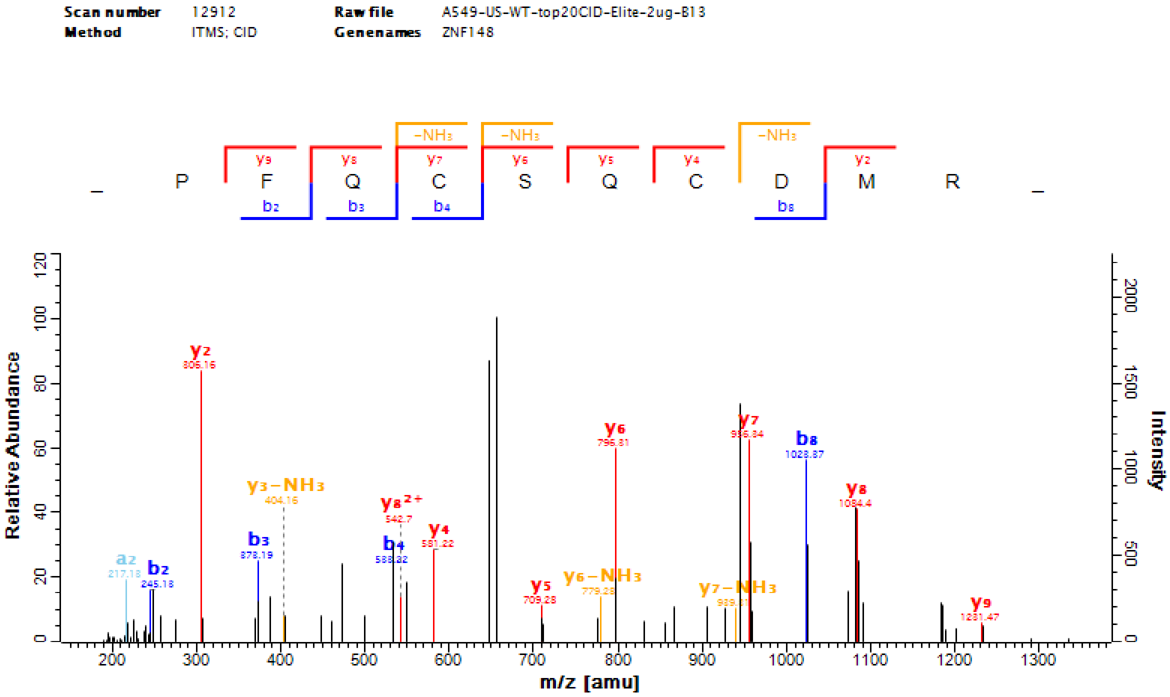


Protein Group ID: 1288
Protein Accession Numbers: Q02833; Q02833-2; G5E9N9; H0YEI0
Gene Names: RASSF7
Peptide Sequence: LQALSAATAEHAAR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 99.566
Best Match Posterior Error Probability: 0.00034211
Best Match Spectrum:



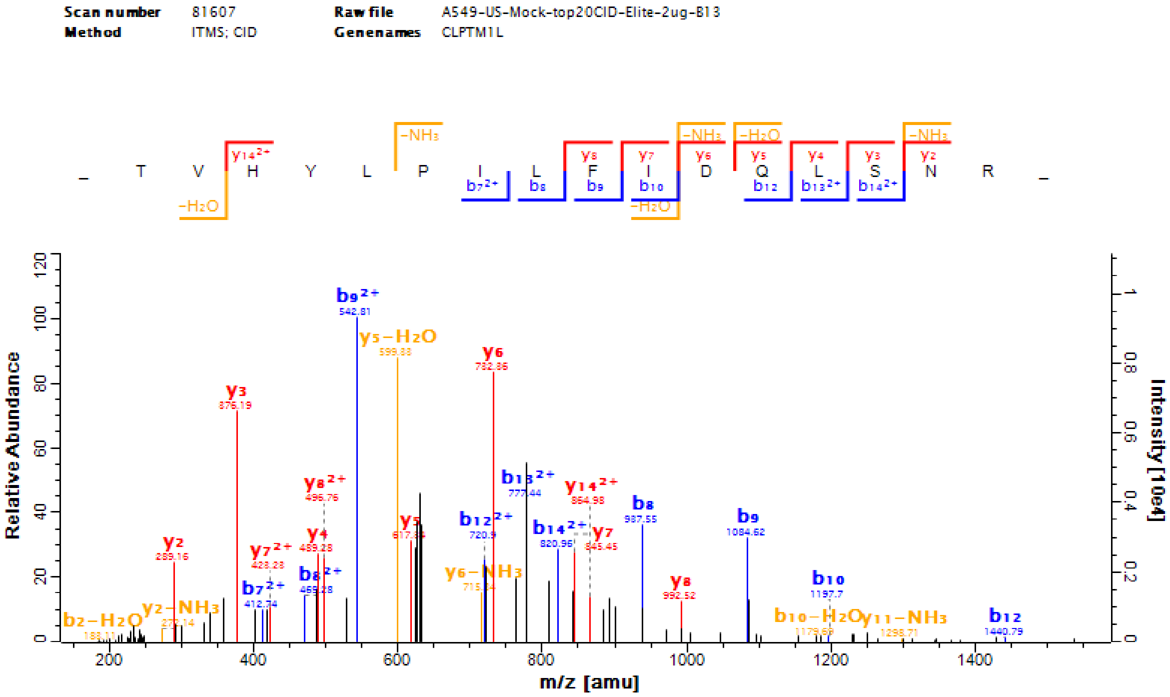
Scan number 22061
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B12
Genenames RASSF7

Protein Group ID: 1293
Protein Accession Numbers: Q9UQR1; G5E9X2
Gene Names: ZNF148
Peptide Sequence: PFQCSQCDMR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 96.015
Best Match Posterior Error Probability: 0.0012035
Best Match Spectrum:

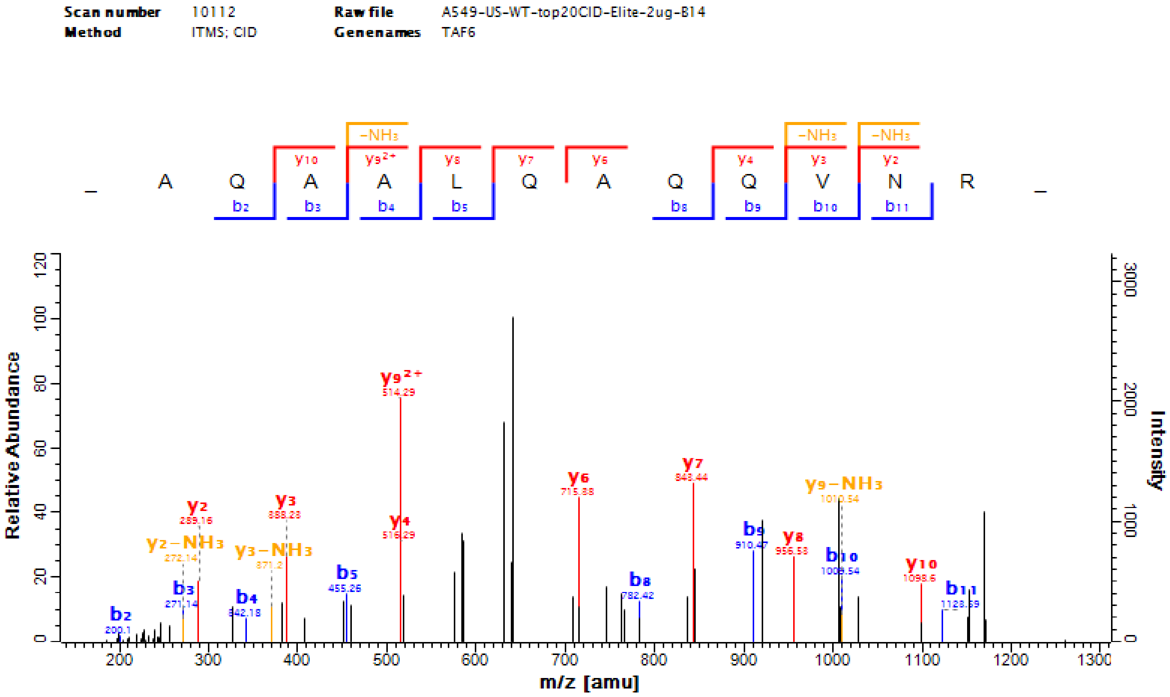


Scan number 12912 **Raw file** A549-US-WT-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** ZNF148

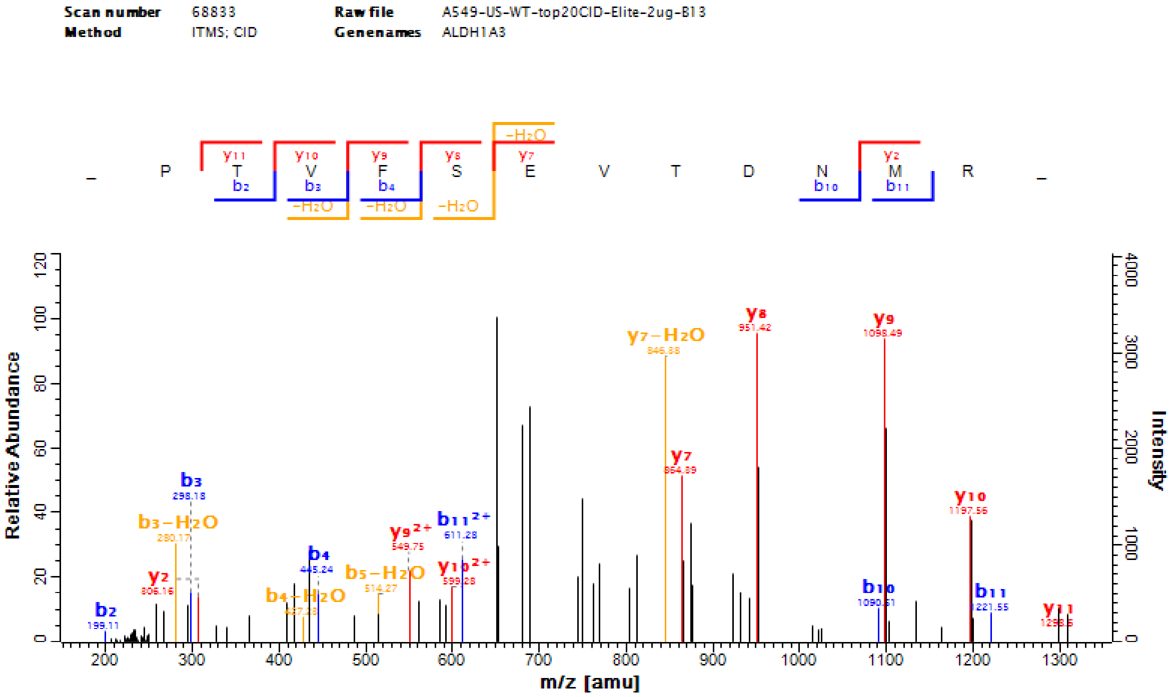
Protein Group ID: 1295
Protein Accession Numbers: Q96KA5; Q96KA5-2; G5E9Z2
Gene Names: CLPTM1L
Peptide Sequence: TVHYLPILFIDQLSNR
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 139.86
Best Match Posterior Error Probability: 2.42E-05
Best Match Spectrum:



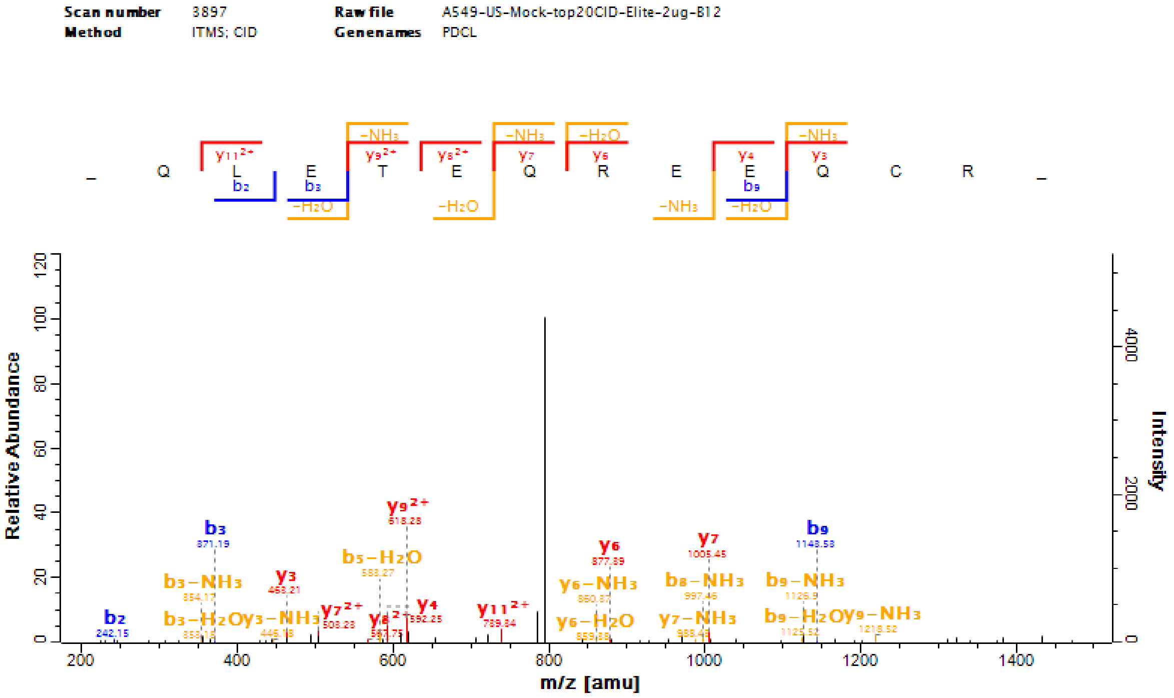
Protein Group ID: 1310
Protein Accession Numbers: J3KR72; P49848-3; P49848; G8JLM6
Gene Names: TAF6
Peptide Sequence: AQAALQAQQVNR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 99.752
Best Match Posterior Error Probability: 0.00051802
Best Match Spectrum:



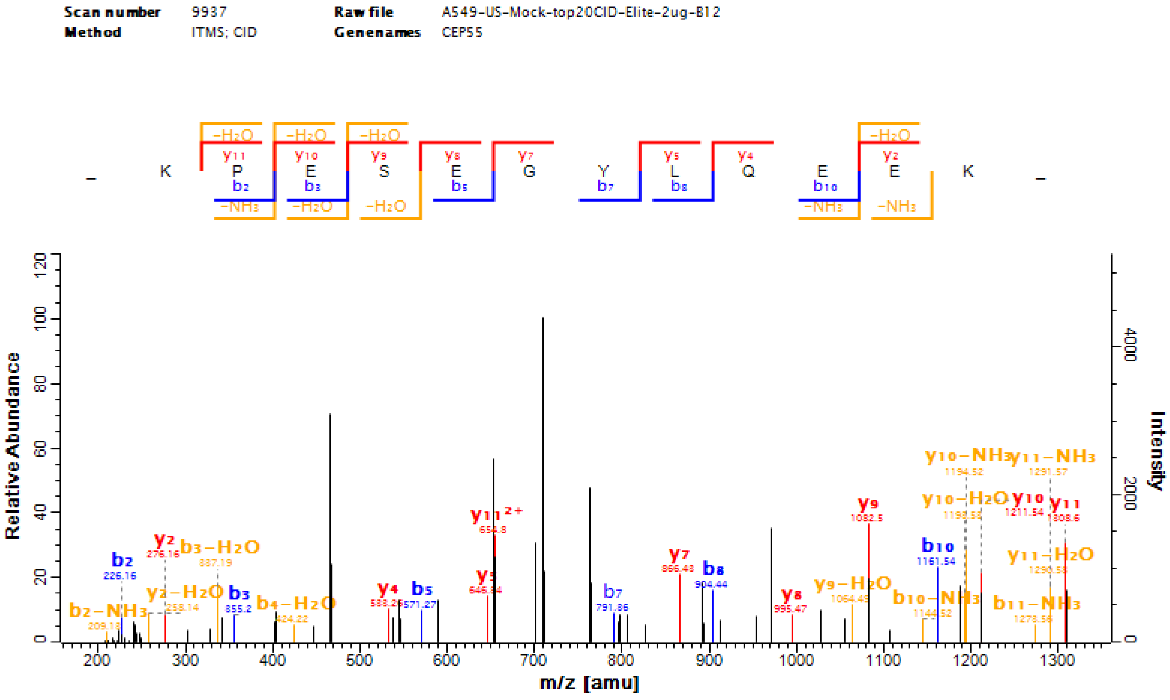
Protein Group ID: 1312
Protein Accession Numbers: P47895; H0Y2X5
Gene Names: ALDH1A3
Peptide Sequence: PTVFSEVTDNMR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 99.5
Best Match Posterior Error Probability: 0.00052417
Best Match Spectrum:



Protein Group ID: 1315
Protein Accession Numbers: Q13371; H0Y3M0; H0Y5D3
Gene Names: PDCL
Peptide Sequence: QLETEQREEQCR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 126.71
Best Match Posterior Error Probability: 0.00046359
Best Match Spectrum:

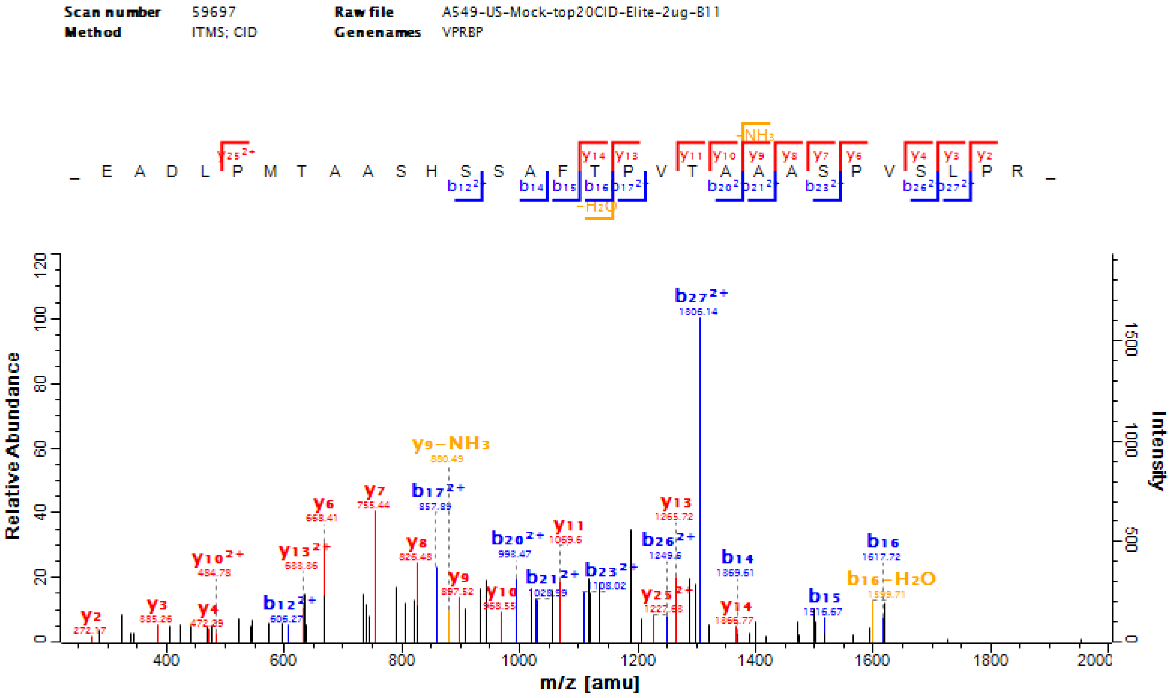


Protein Group ID: 1316
Protein Accession Numbers: Q53EZ4; Q53EZ4-2; H0Y432
Gene Names: CEP55
Peptide Sequence: KPESEGYLQEEK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 148.62
Best Match Posterior Error Probability: 1.11E-05
Best Match Spectrum:



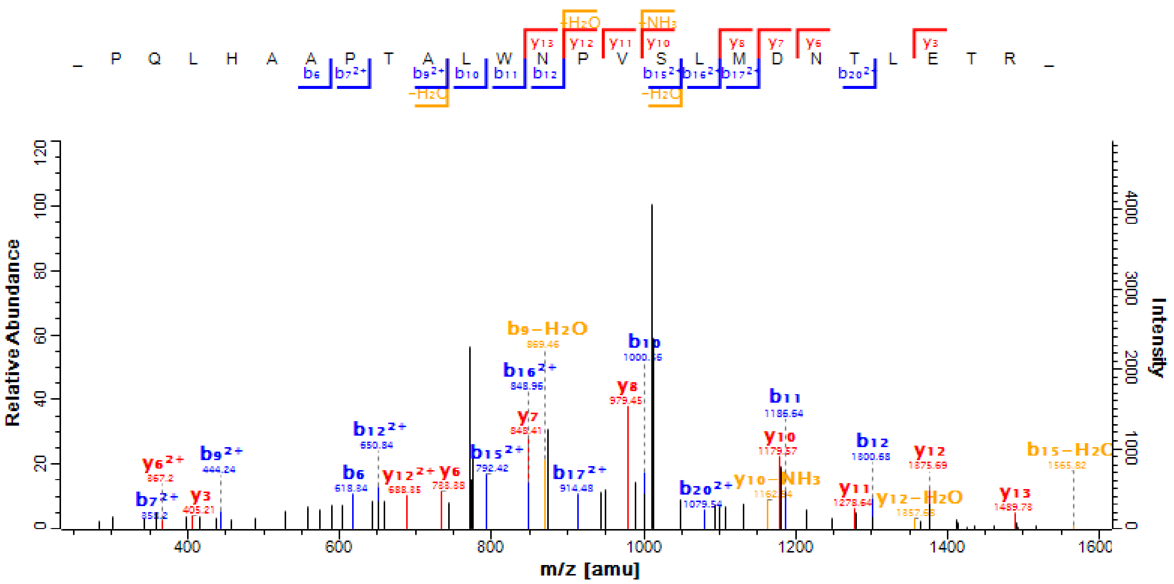
Scan number	9937	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	CEP55

Protein Group ID: 1319
Protein Accession Numbers: Q9Y4B6; Q9Y4B6-2; H0Y4P3; Q9Y4B6-3
Gene Names: VPRBP
Peptide Sequence: EADLPMTAASHSSAFTPVTAAASPVSLPR
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 76.152
Best Match Posterior Error Probability: 1.23E-05
Best Match Spectrum:

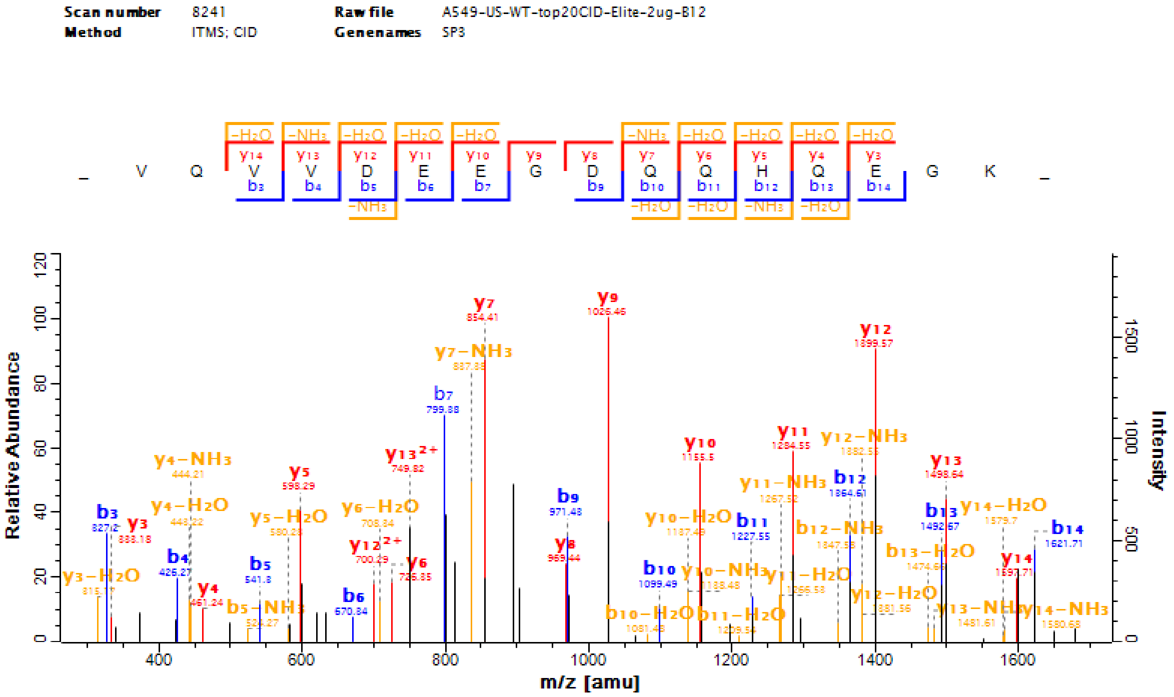


Protein Group ID: 1321
Protein Accession Numbers: Q14687; Q14687-3; Q14687-2; H0Y613
Gene Names: GSE1;KIAA0182
Peptide Sequence: PQLHAAPTALWNPVSLMDNTLETR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 72.564
Best Match Posterior Error Probability: 0.00034403
Best Match Spectrum:

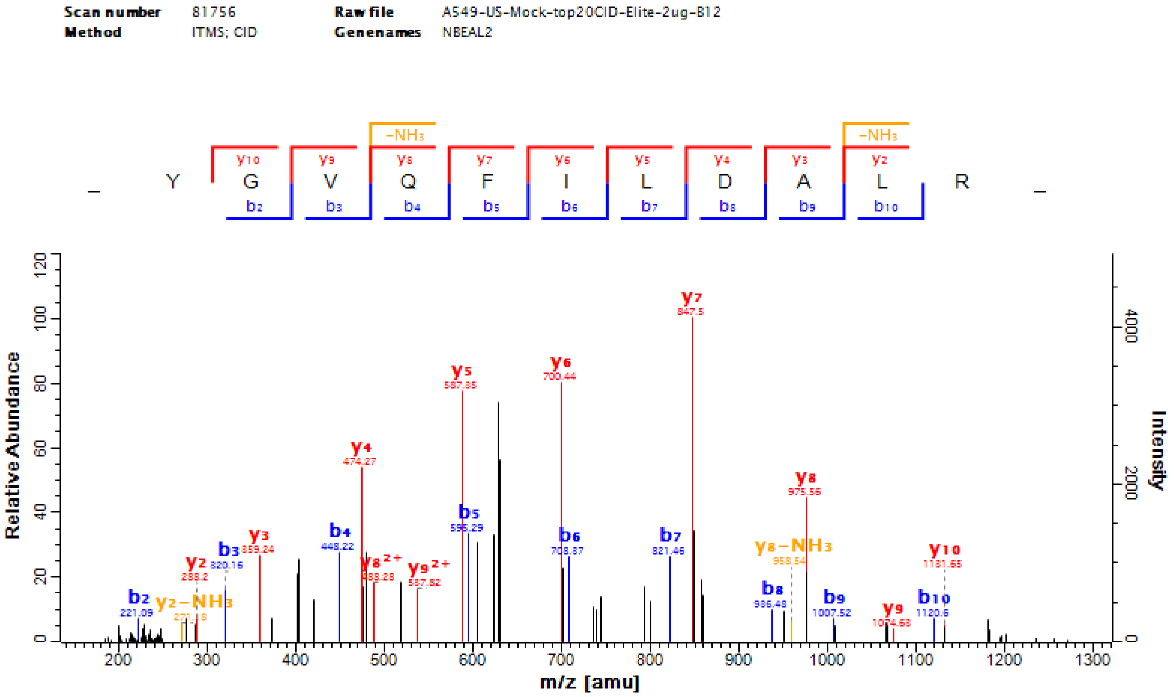
Scan number	82732	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	GSE1;KIAA0182



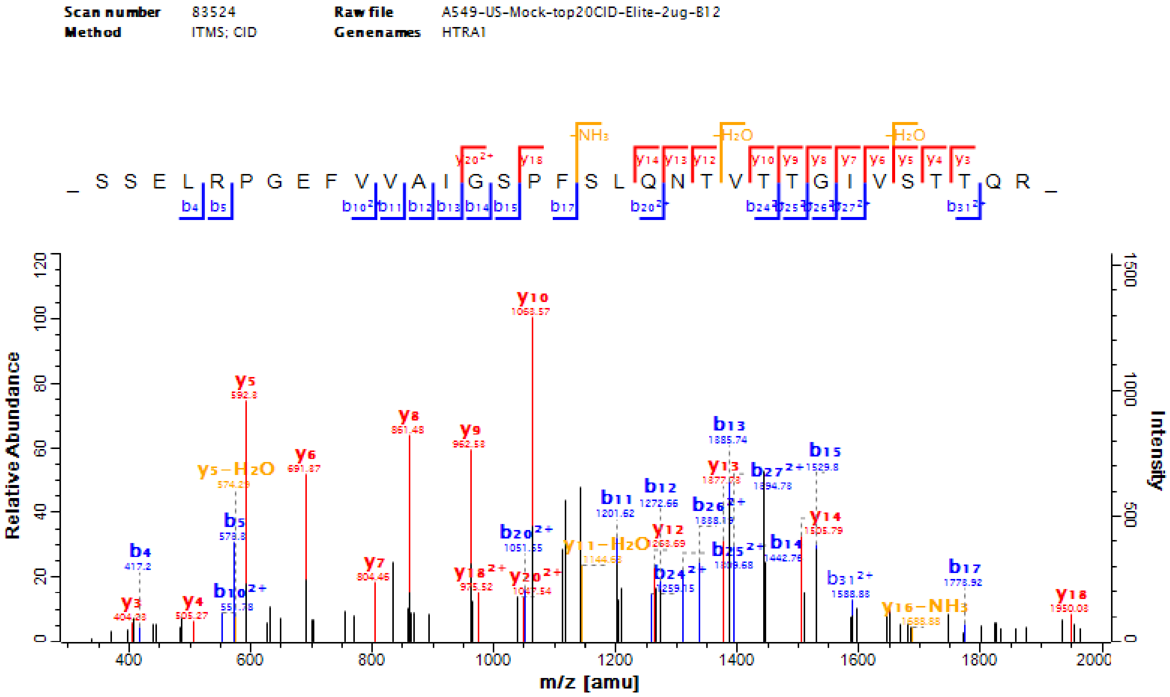
Protein Group ID: 1324
Protein Accession Numbers: Q02447; Q02447-2; H0Y7L6; Q02447-6; H0Y6K5; Q02447-5; Q02447-3; Q02447-4
Gene Names: SP3
Peptide Sequence: VQVVDEEGDQQHQEGK
Total Number of Spectra: 10
Number of Replicates (out of 8): 8
Best Match Score: 290.95
Best Match Posterior Error Probability: 8.34E-156
Best Match Spectrum:



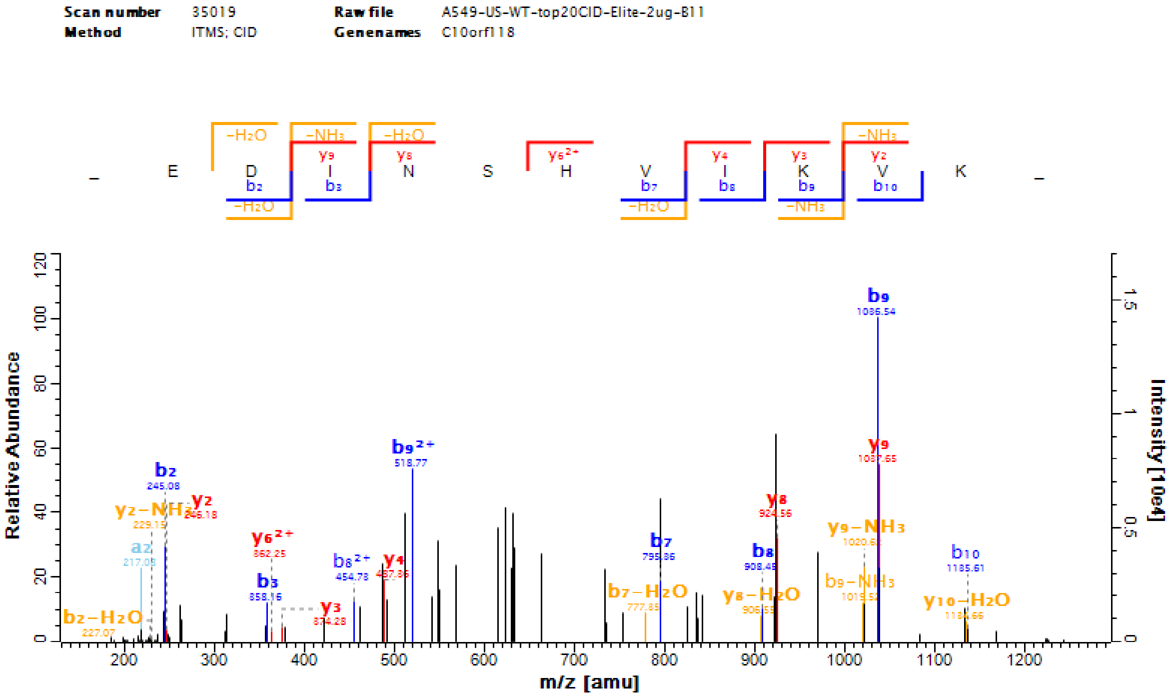
Protein Group ID: 1328
Protein Accession Numbers: Q6ZNJ1; Q6ZNJ1-3; Q6ZNJ1-2; H0Y764
Gene Names: NBEAL2
Peptide Sequence: YGVQFILDALR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 148.18
Best Match Posterior Error Probability: 1.34E-05
Best Match Spectrum:



Protein Group ID: 1330
Protein Accession Numbers: Q92743; H0Y7G9
Gene Names: HTRA1
Peptide Sequence: SSELRPGEFVVAIGSPFSLQNTVTTGIVSTTQR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 89.356
Best Match Posterior Error Probability: 1.30E-09
Best Match Spectrum:

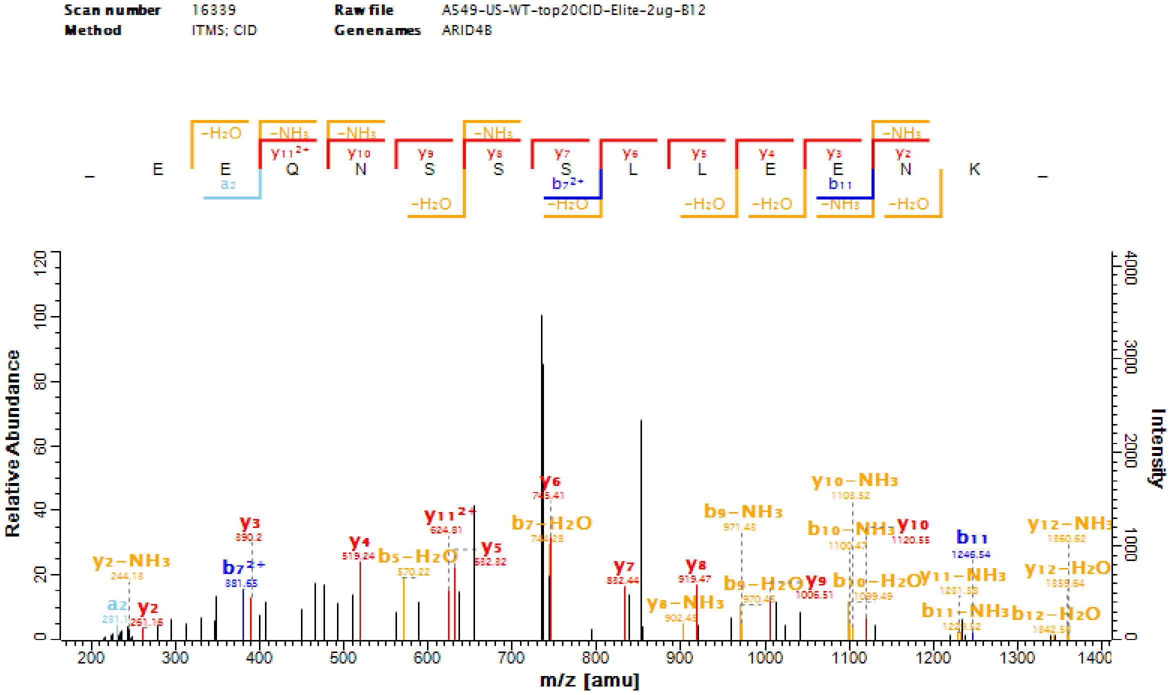


Protein Group ID: 1332
Protein Accession Numbers: Q7Z3E2; H0Y7V5
Gene Names: C10orf118
Peptide Sequence: EDINSHVIKVK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 100.69
Best Match Posterior Error Probability: 0.0022397
Best Match Spectrum:

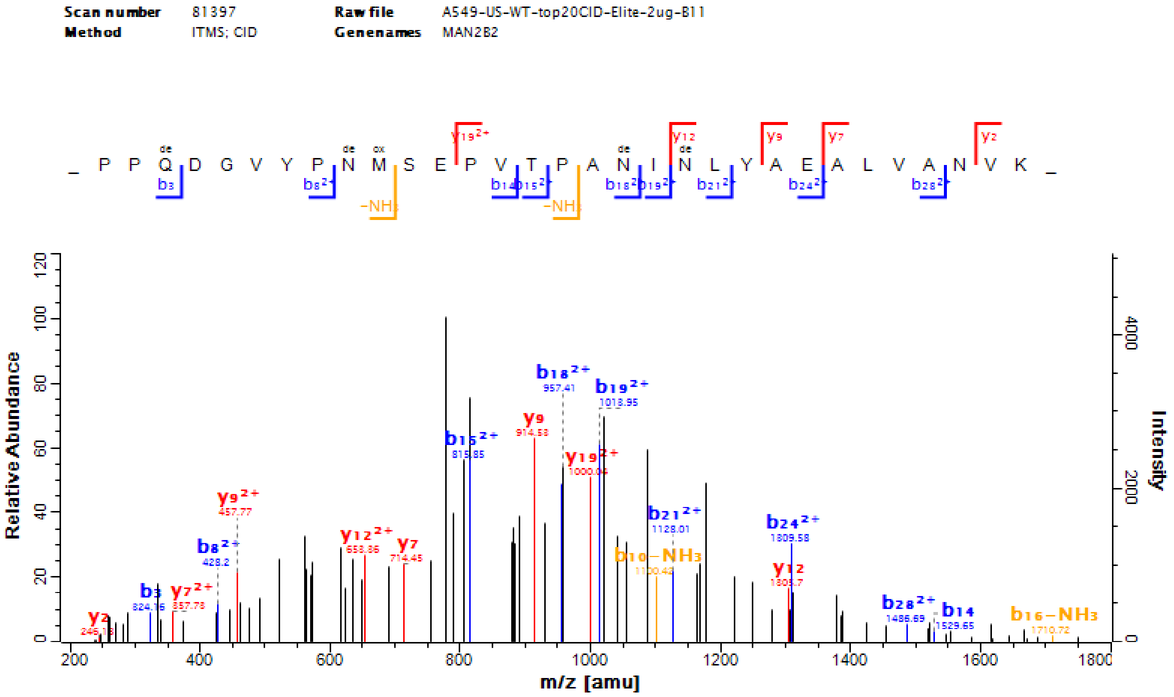


Scan number 35019 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** C10orf118

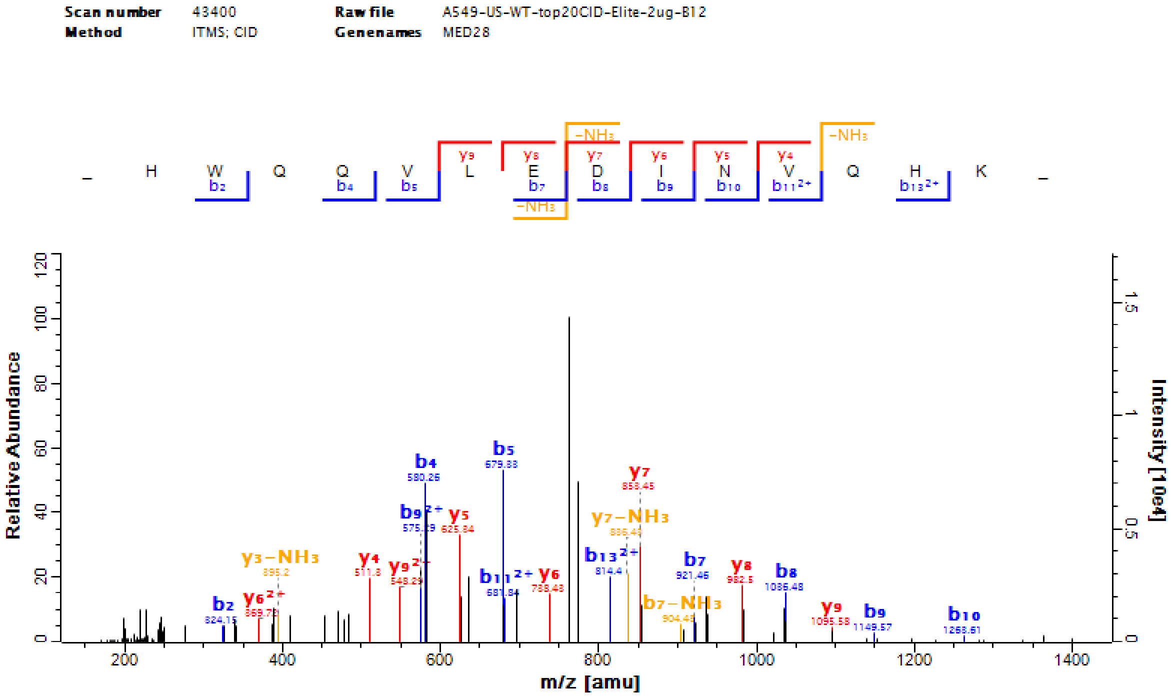
Protein Group ID: 1333
Protein Accession Numbers: Q4LE39; Q4LE39-2; Q4LE39-3; Q4LE39-4; H7C5R6; H0Y7Y8
Gene Names: ARID4B
Peptide Sequence: EEQNSSSLLEENK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 87.498
Best Match Posterior Error Probability: 0.0016454
Best Match Spectrum:



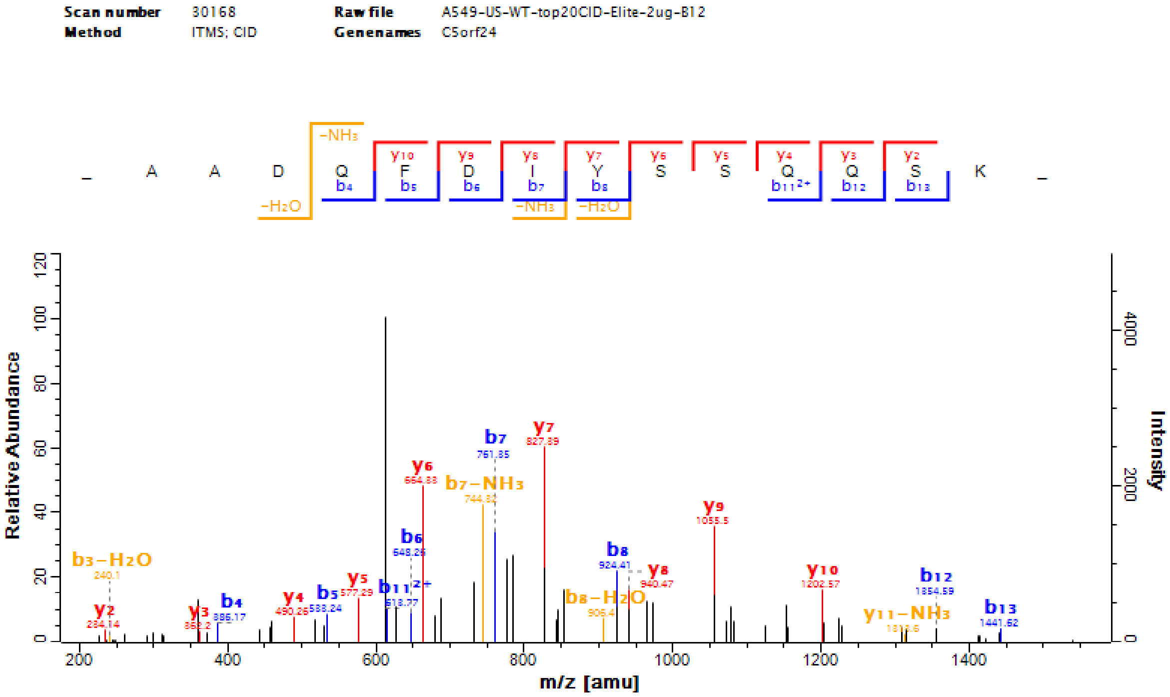
Protein Group ID: 1339
Protein Accession Numbers: Q9Y2E5; Q9Y2E5-2; H0YA68
Gene Names: MAN2B2
Peptide Sequence: PPQDGVYPNMSEPVTPANINLYAEALVANVK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 46.399
Best Match Posterior Error Probability: 0.0041571
Best Match Spectrum:



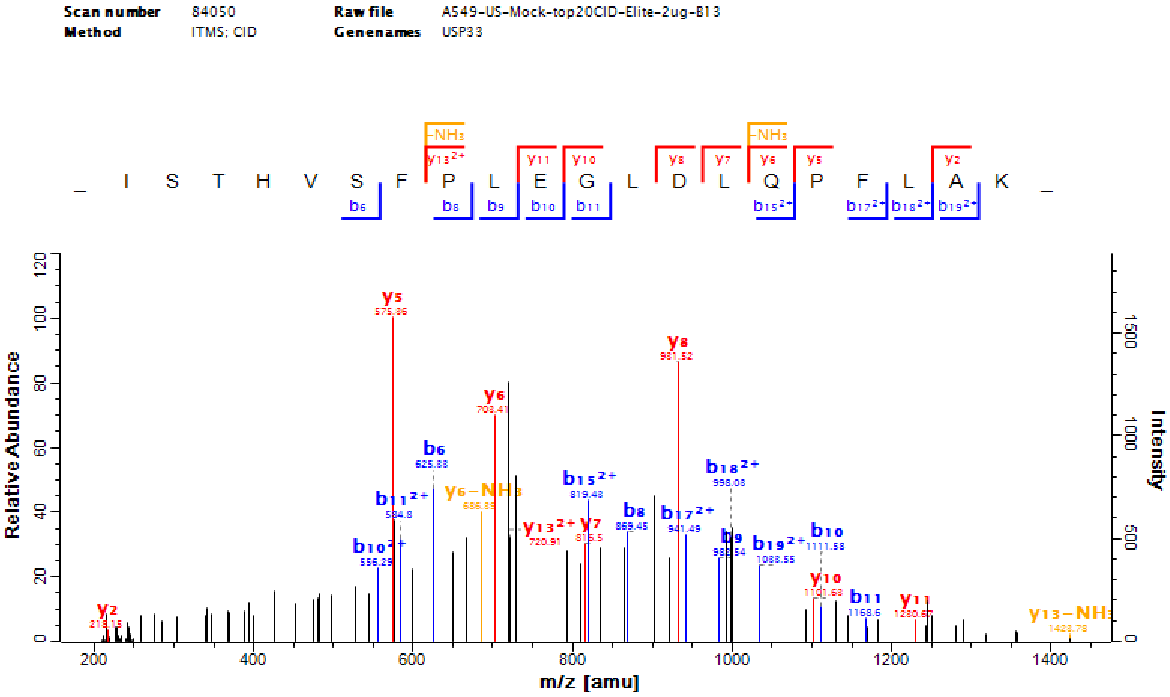
Protein Group ID: 1340
Protein Accession Numbers: H0YAA8; Q9H204
Gene Names: MED28
Peptide Sequence: HWQQVLEDINVQHK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 96.866
Best Match Posterior Error Probability: 0.00054379
Best Match Spectrum:



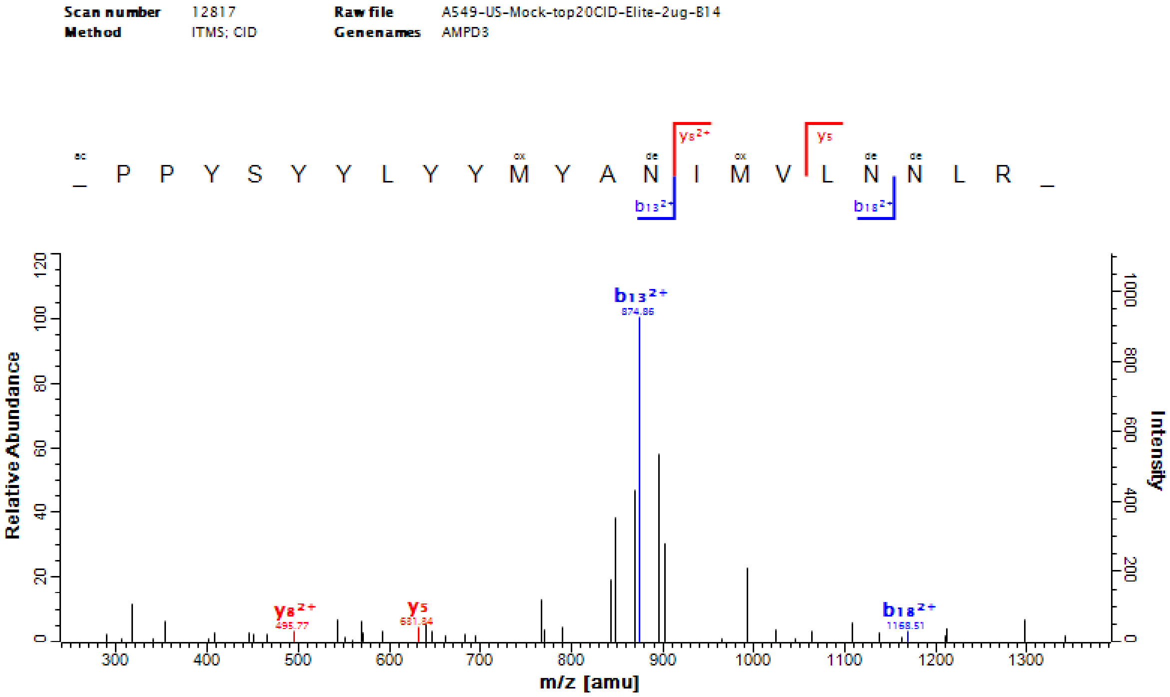
Protein Group ID: 1341
Protein Accession Numbers: Q7Z6I8; Q7Z6I8-2; H0YAE0
Gene Names: C5orf24
Peptide Sequence: AADQFDIYSSQQSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 96.163
Best Match Posterior Error Probability: 0.0023271
Best Match Spectrum:



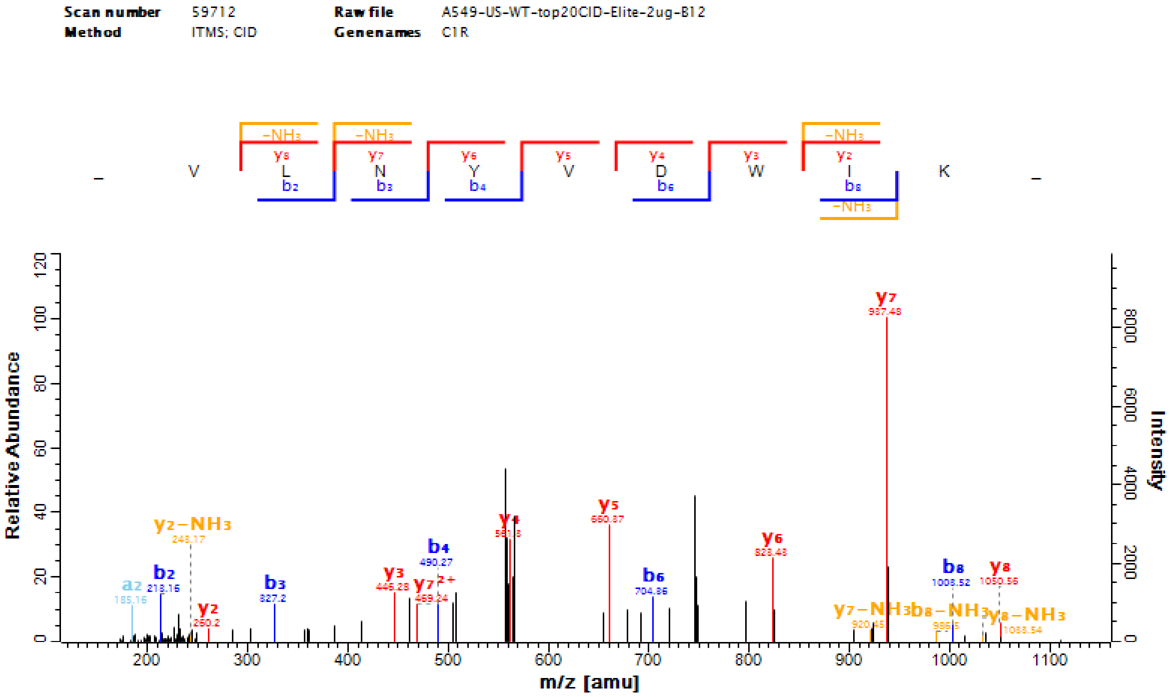
Protein Group ID: 1346
Protein Accession Numbers: Q8TEY7; Q8TEY7-2; Q8TEY7-3; H0YCV3; H0YD08
Gene Names: USP33
Peptide Sequence: ISTHVSFPLEGLDLQPFLAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 69.188
Best Match Posterior Error Probability: 0.002106
Best Match Spectrum:



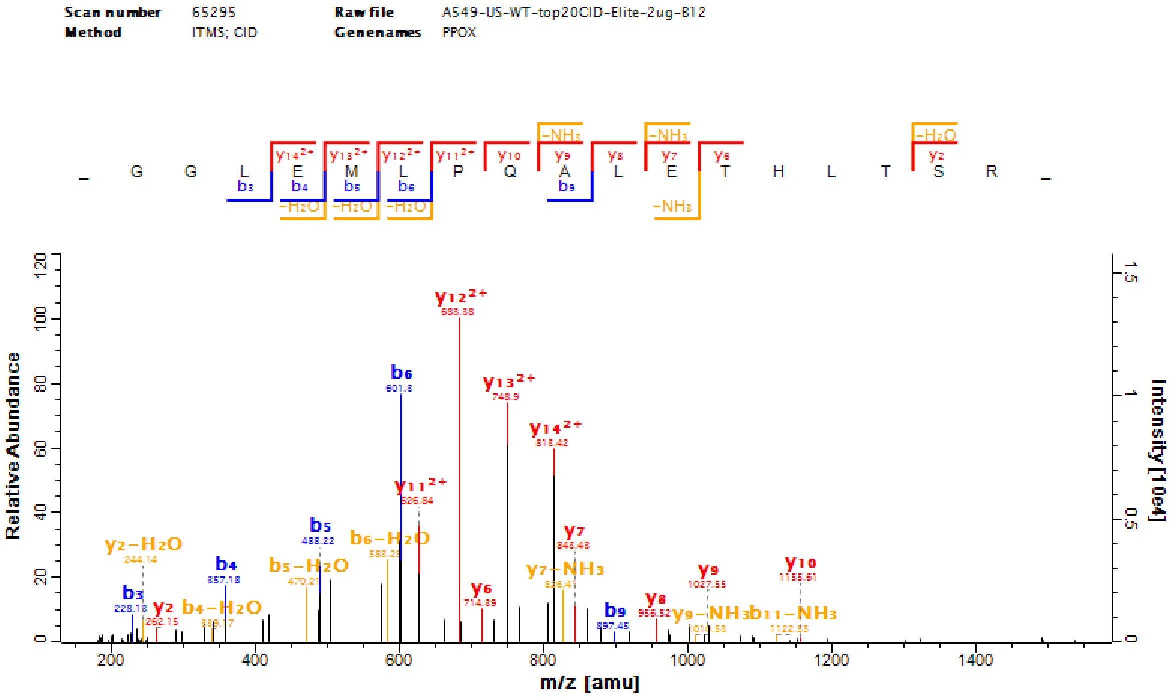
Protein Group ID: 1350
Protein Accession Numbers: H0YDY8
Gene Names: AMPD3
Peptide Sequence: PPYSYYLYYMYANIMVLNNLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 12.663
Best Match Posterior Error Probability: 0.0036502
Best Match Spectrum:



Protein Group ID: 1356
Protein Accession Numbers: P00736; H0YFH3
Gene Names: C1R
Peptide Sequence: VLNYVDWIK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 104.05
Best Match Posterior Error Probability: 0.0014539
Best Match Spectrum:

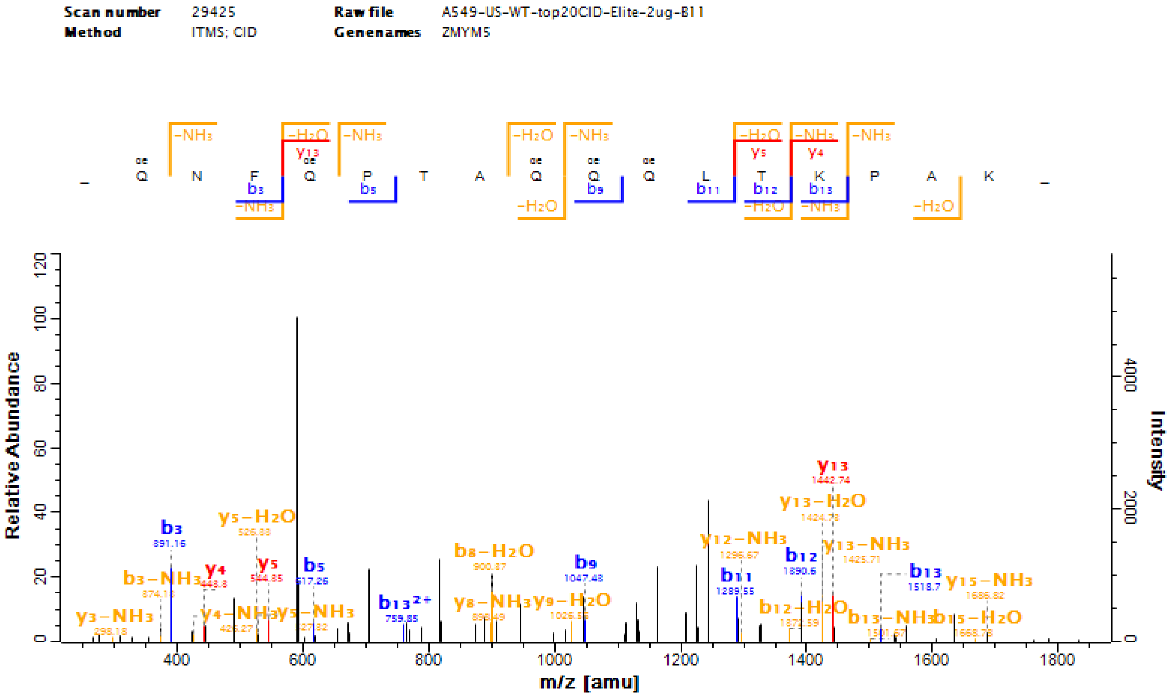


Protein Group ID: 1357
Protein Accession Numbers: P50336; H0YFP3
Gene Names: PPOX
Peptide Sequence: GGLEMLPQALETHLTSR
Total Number of Spectra: 9
Number of Replicates (out of 8): 6
Best Match Score: 101.42
Best Match Posterior Error Probability: 0.00016293
Best Match Spectrum:

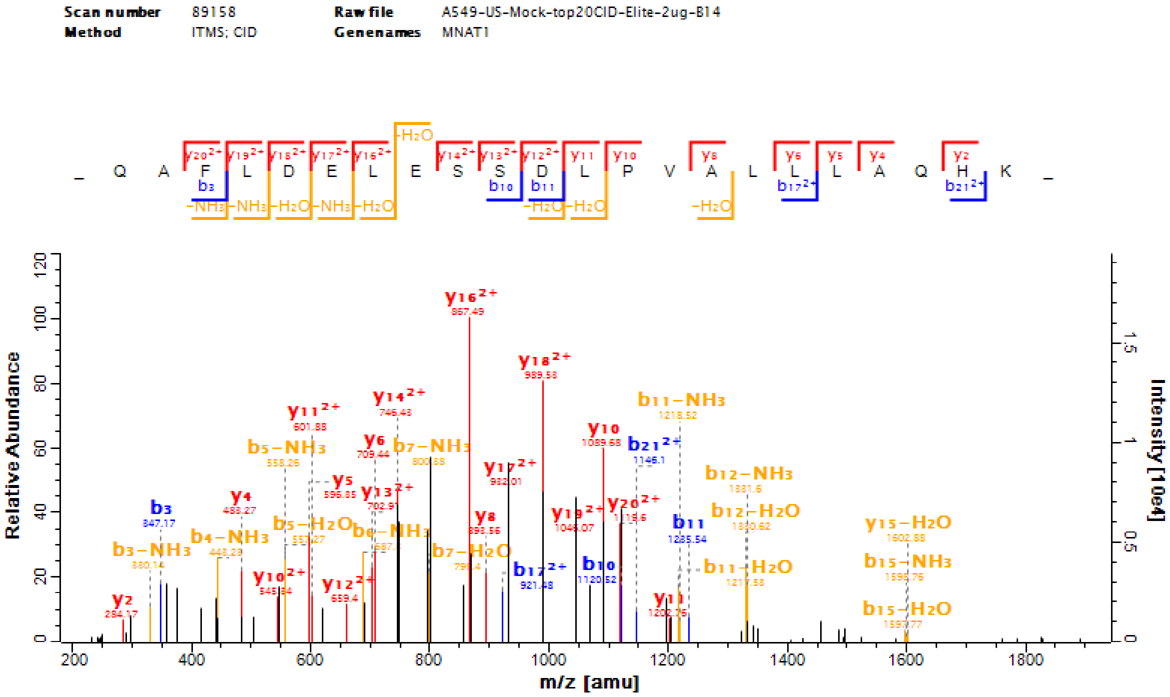


Scan number 65295
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B12
Genenames PPOX

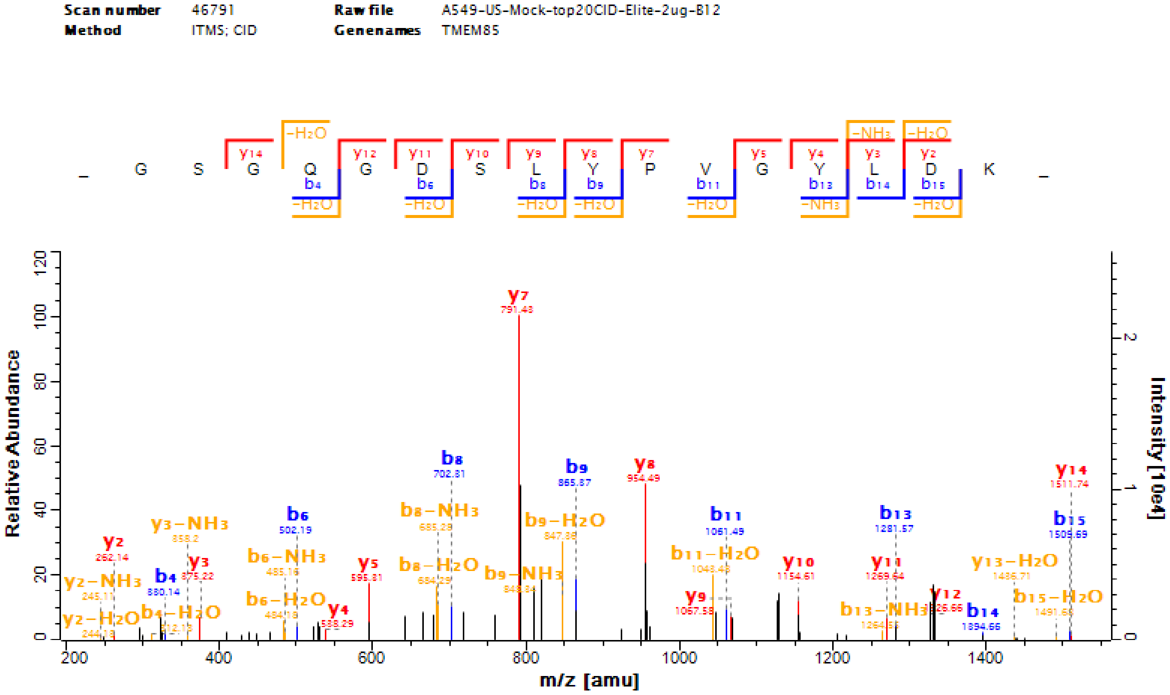
Protein Group ID: 1358
Protein Accession Numbers: Q9UJ78; H0YH25; Q9UJ78-5; Q9UJ78-1
Gene Names: ZMYM5
Peptide Sequence: QNFQPTAQQQLTKPAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 102.5
Best Match Posterior Error Probability: 0.0018186
Best Match Spectrum:



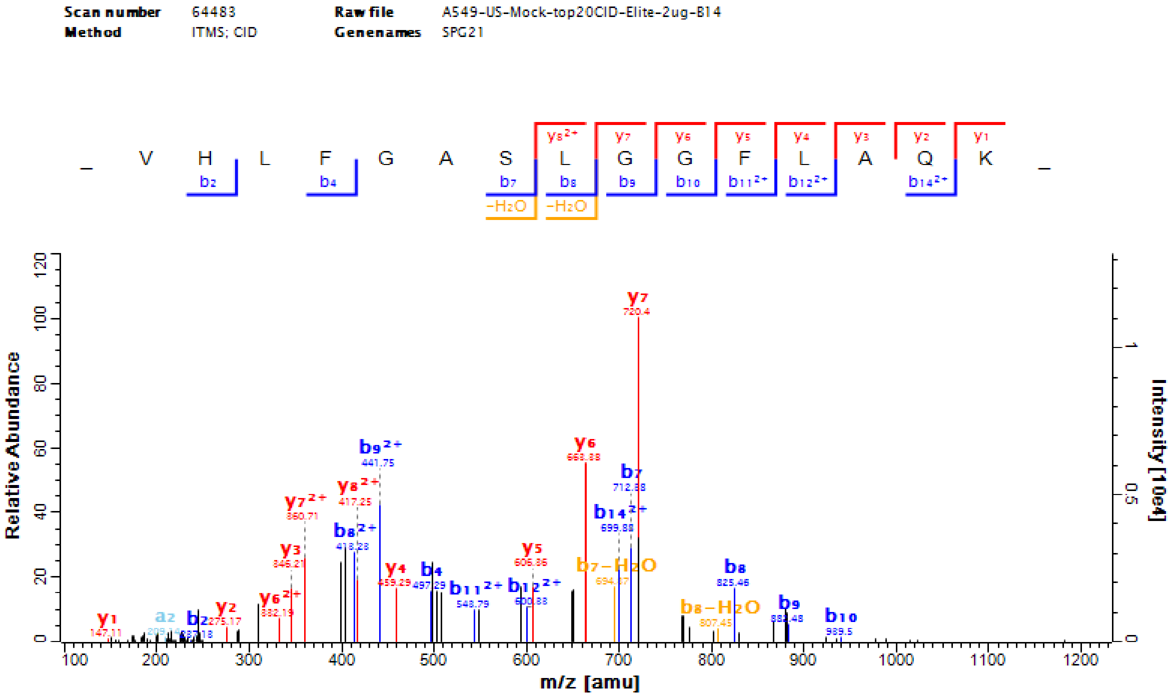
Protein Group ID: 1363
Protein Accession Numbers: P51948; H0YJF2; H0YJ92
Gene Names: MNAT1
Peptide Sequence: QAFLDELESSDLPVALLLAQHK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 106.28
Best Match Posterior Error Probability: 4.57E-06
Best Match Spectrum:



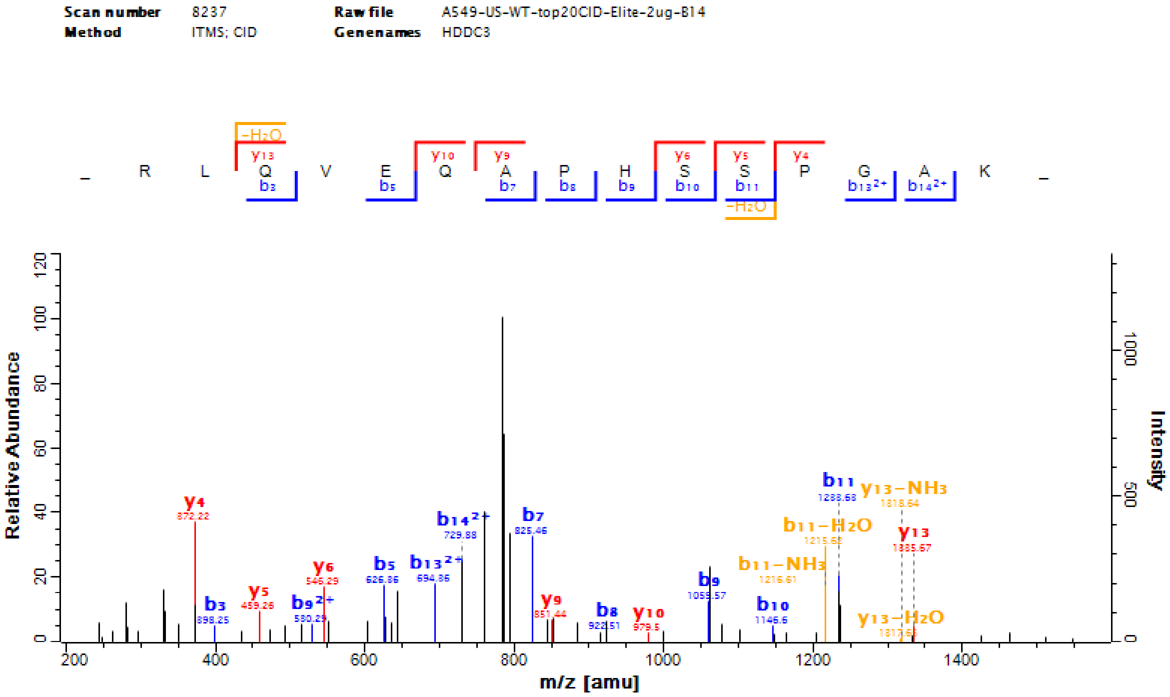
Protein Group ID: 1366
Protein Accession Numbers: Q5J8M3; Q5J8M3-2; Q5J8M3-3; H0YLP8; H0YNK8; H0YNK0; H0YK61
Gene Names: TMEM85
Peptide Sequence: GSGQGDSLYPVGYLDK
Total Number of Spectra: 8
Number of Replicates (out of 8): 5
Best Match Score: 168.05
Best Match Posterior Error Probability: 8.24E-11
Best Match Spectrum:



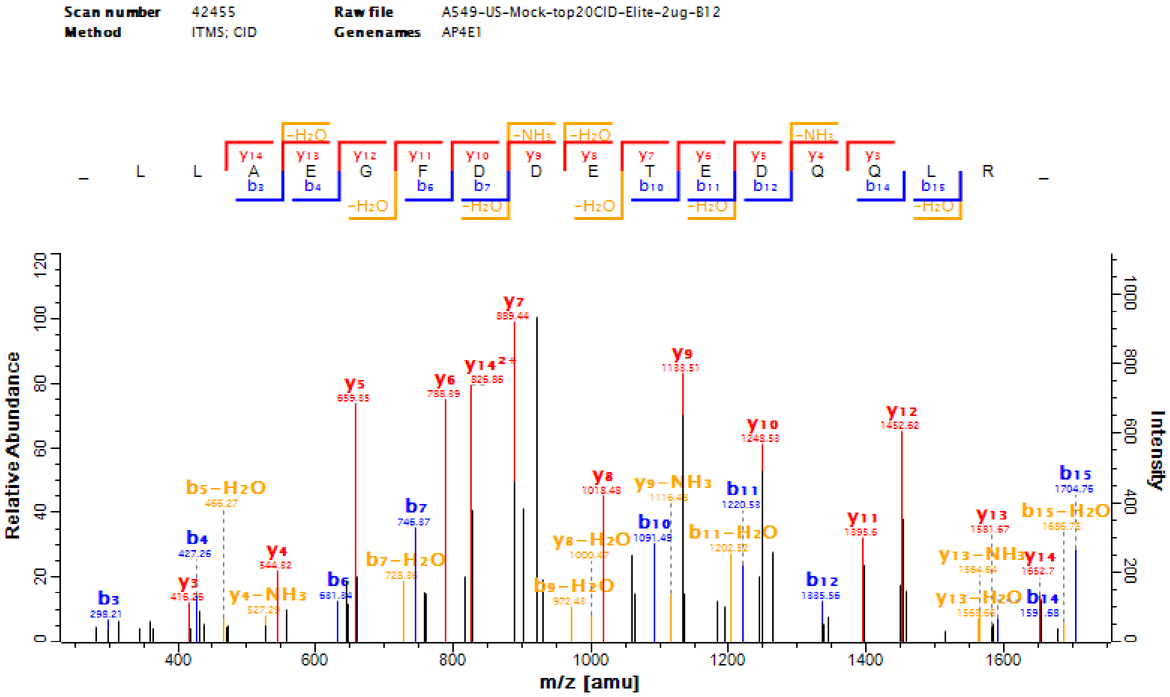
Protein Group ID: 1368
Protein Accession Numbers: Q9NZD8; H0YKB0; H0YMB7
Gene Names: SPG21
Peptide Sequence: VHLFGASLGGFLAQK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 112.5
Best Match Posterior Error Probability: 0.0001104
Best Match Spectrum:



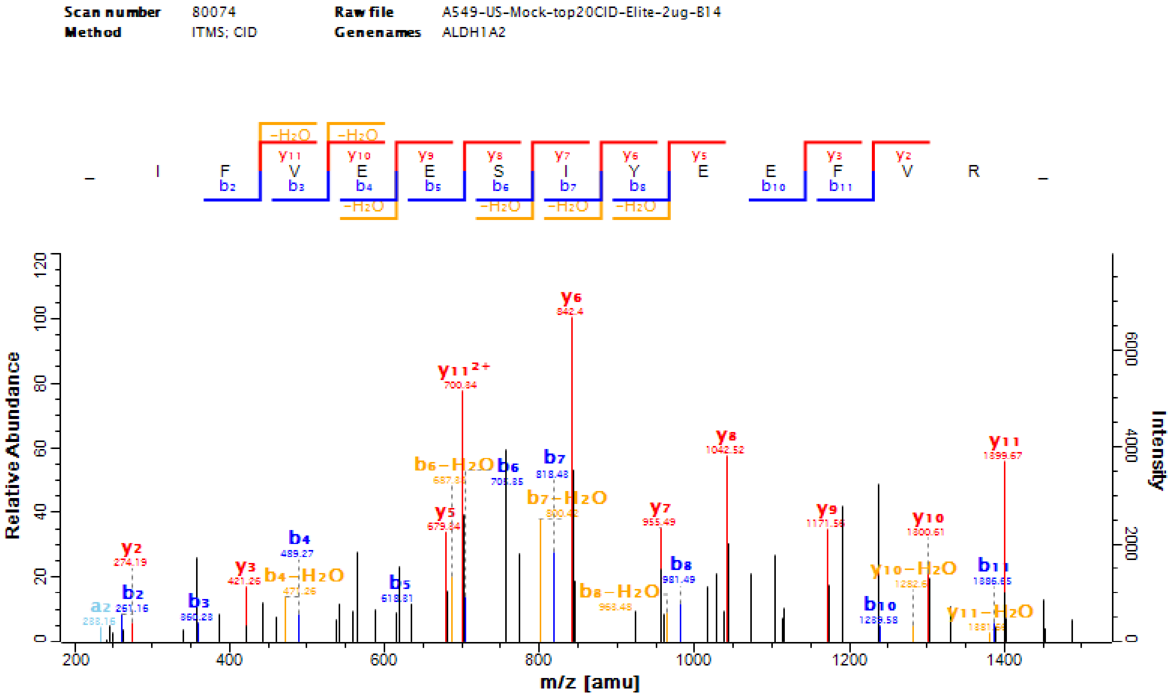
Protein Group ID: 1370
Protein Accession Numbers: Q8N4P3; H0YKT9; H0YNP9; Q8N4P3-2
Gene Names: HDDC3
Peptide Sequence: RLQVEQAPHSSPGAK
Total Number of Spectra: 9
Number of Replicates (out of 8): 6
Best Match Score: 115.91
Best Match Posterior Error Probability: 0.000198
Best Match Spectrum:



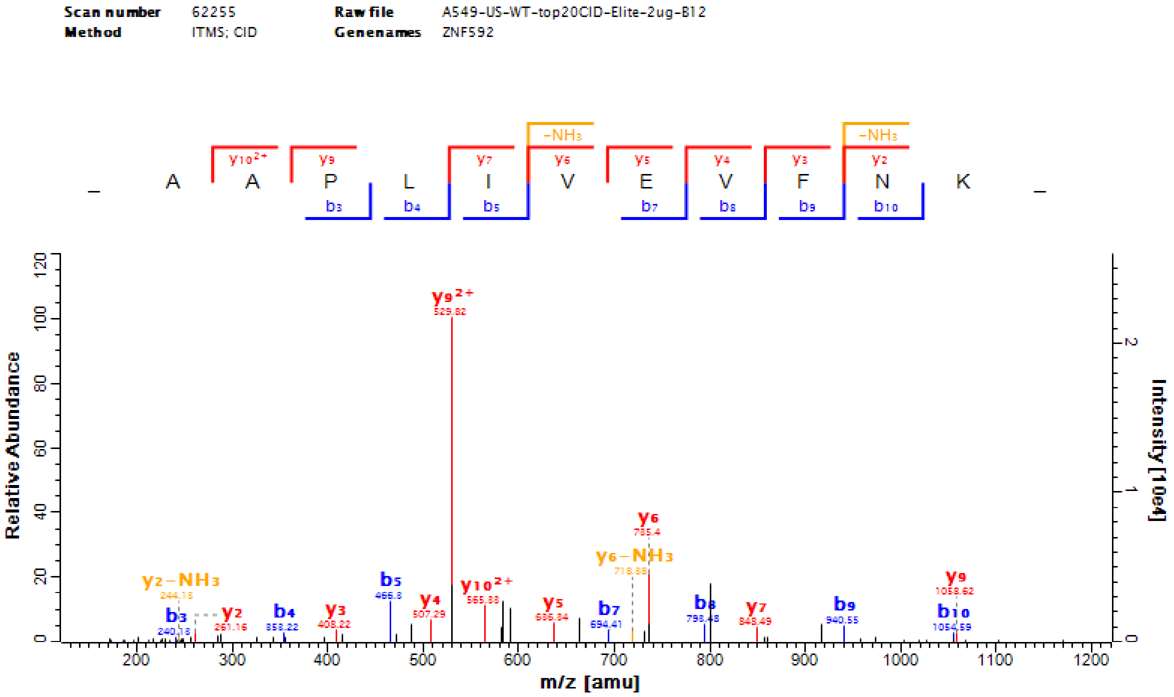
Protein Group ID: 1372
Protein Accession Numbers: Q9UPM8; H0YKX4
Gene Names: AP4E1
Peptide Sequence: LLAEGFDDETEDQQLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 178.03
Best Match Posterior Error Probability: 1.01E-14
Best Match Spectrum:



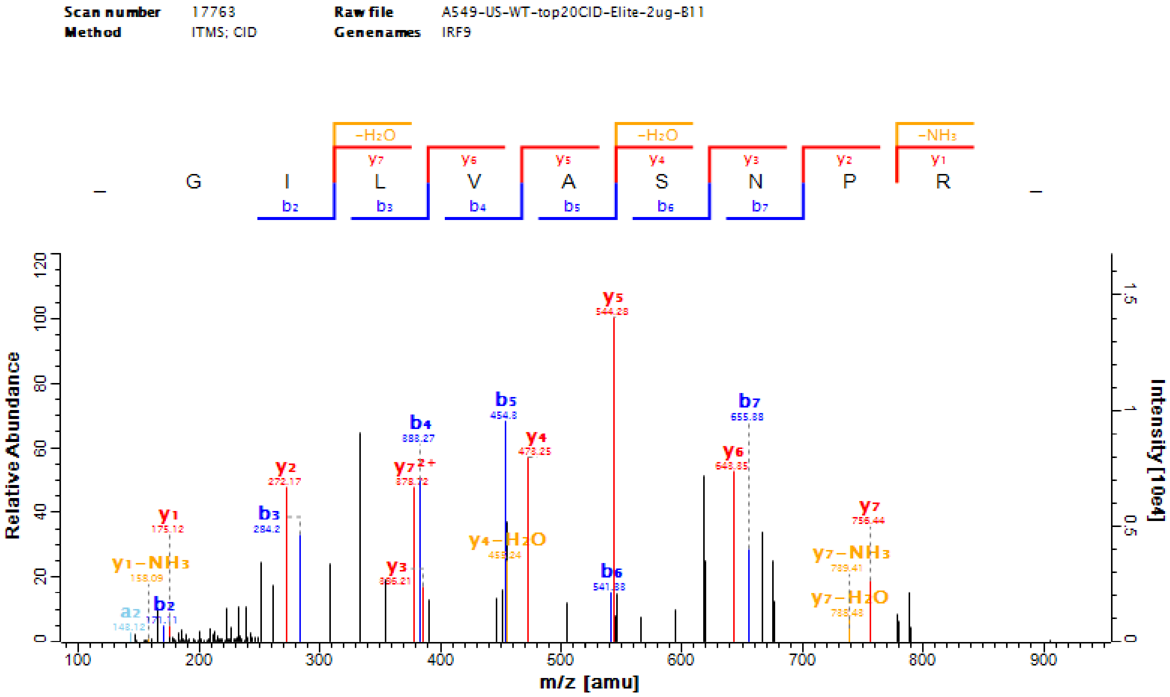
Protein Group ID: 1378
Protein Accession Numbers: O94788; O94788-3; H0YMG7; O94788-2; H0YM00
Gene Names: ALDH1A2
Peptide Sequence: IFVEESIYEEFVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 155.86
Best Match Posterior Error Probability: 1.99E-07
Best Match Spectrum:



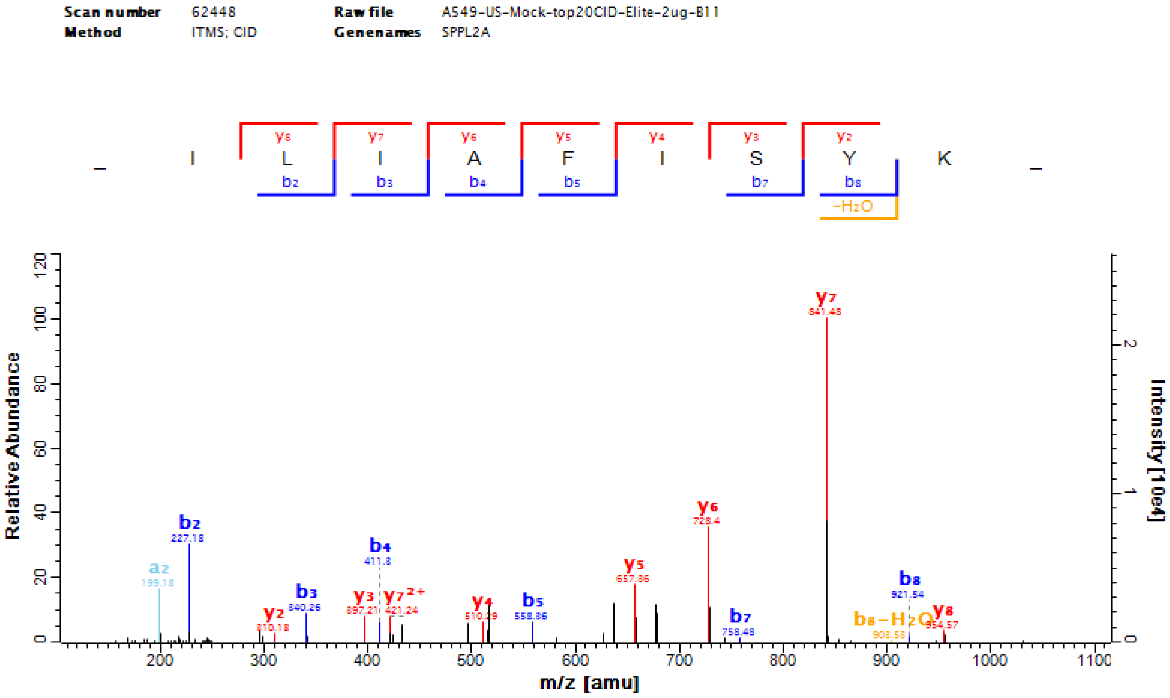
Protein Group ID: 1379
Protein Accession Numbers: Q92610; H0YM74
Gene Names: ZNF592
Peptide Sequence: AAPLIVEVFNK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 104.82
Best Match Posterior Error Probability: 0.00034383
Best Match Spectrum:



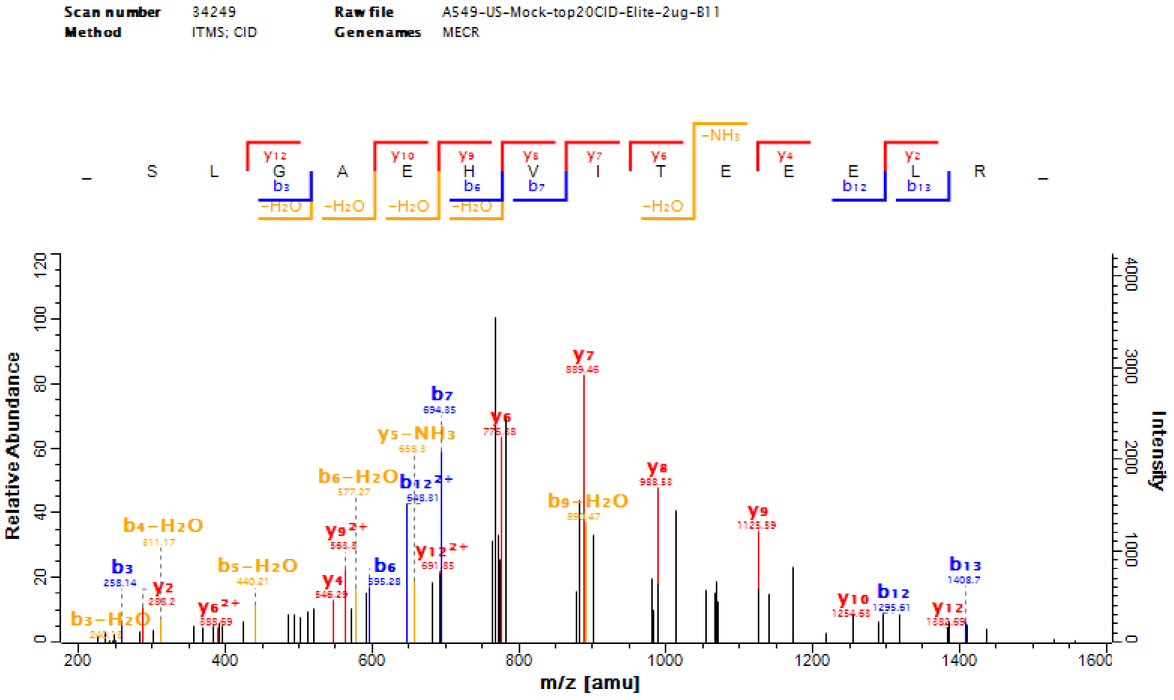
Protein Group ID: 1380
Protein Accession Numbers: Q00978; H0YMB0
Gene Names: IRF9
Peptide Sequence: GILVASNPR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 128.36
Best Match Posterior Error Probability: 0.00017413
Best Match Spectrum:



Protein Group ID: 1384
Protein Accession Numbers: Q8TCT8; H0YNA7
Gene Names: SPPL2A
Peptide Sequence: ILIAFISYK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 131.44
Best Match Posterior Error Probability: 0.00010739
Best Match Spectrum:

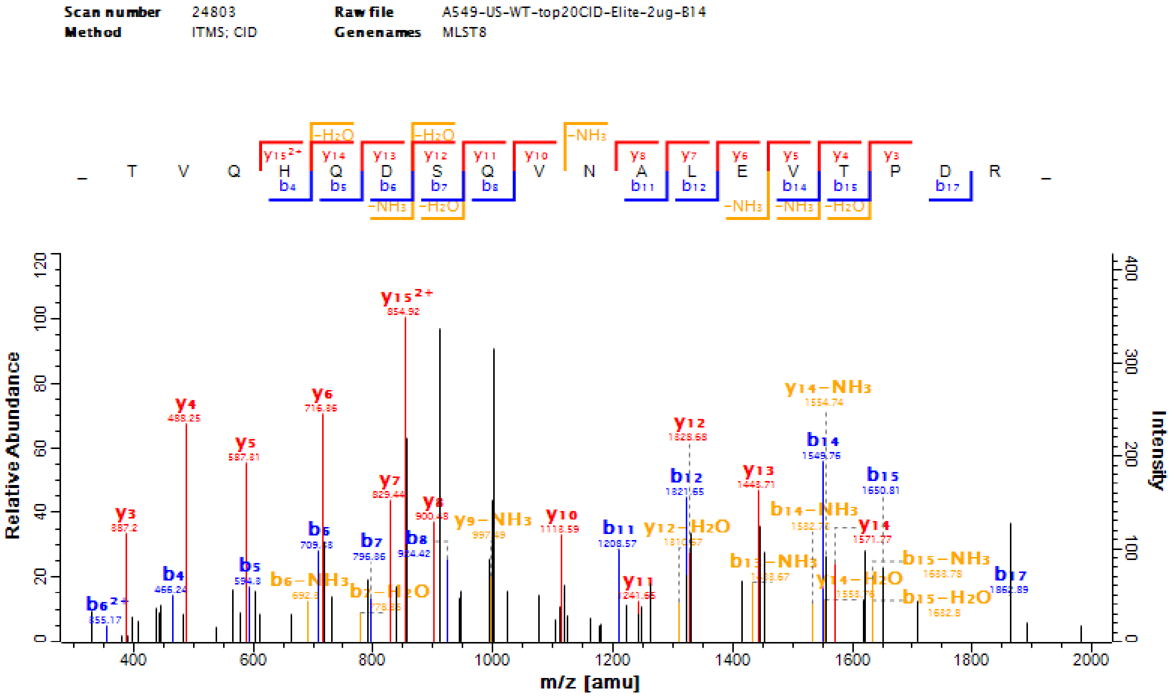


Protein Group ID: 1391
Protein Accession Numbers: Q9BV79; Q9BV79-2; H3BM30; Q5SYU3
Gene Names: MECR
Peptide Sequence: SLGAEHVITEEELR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 84.468
Best Match Posterior Error Probability: 0.0021471
Best Match Spectrum:

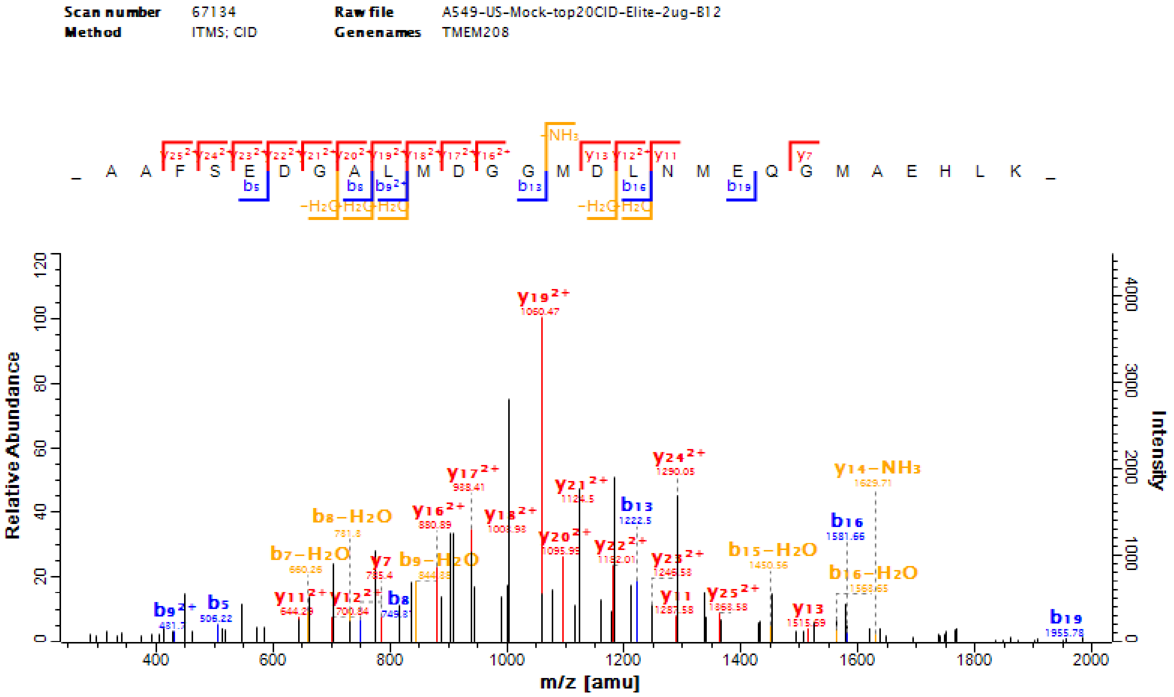


Scan number 34249
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B11
Genenames MECR

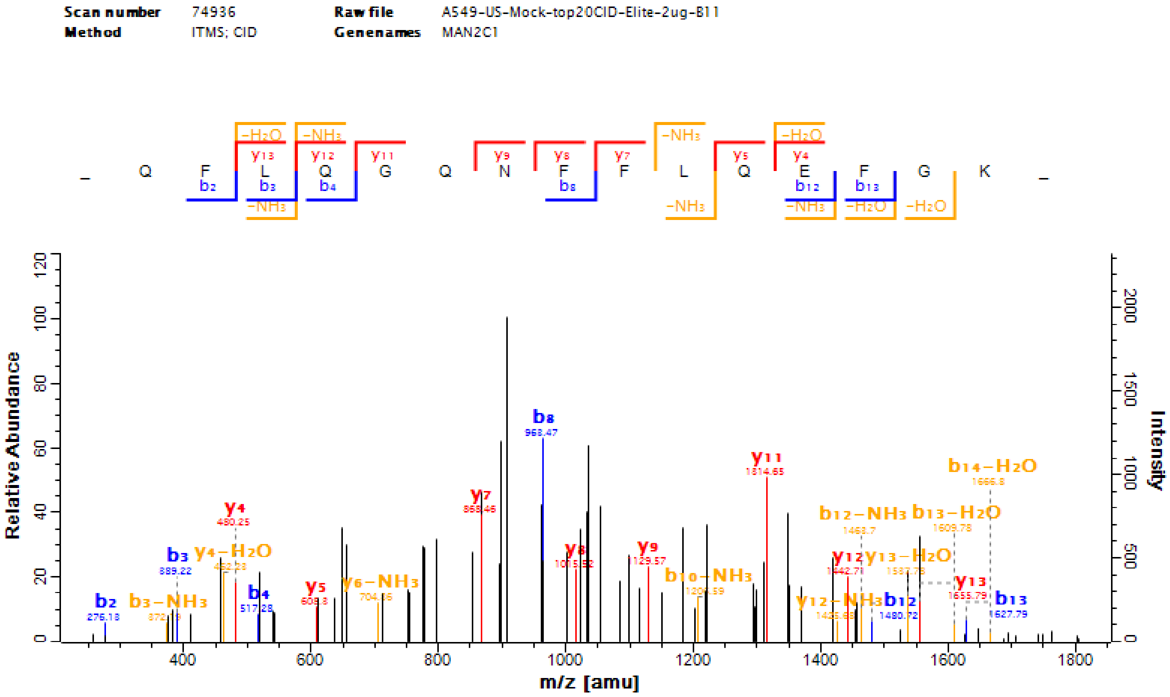
Protein Group ID: 1393
Protein Accession Numbers: Q9BVC4; H3BSZ4; Q9BVC4-4; H3BN58; H3BPT1; H3BR25; H3BPU5; H3BM50; H3BR38
Gene Names: MLST8
Peptide Sequence: TVQHQDSQVNALEVTPDR
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 138.46
Best Match Posterior Error Probability: 4.48E-11
Best Match Spectrum:



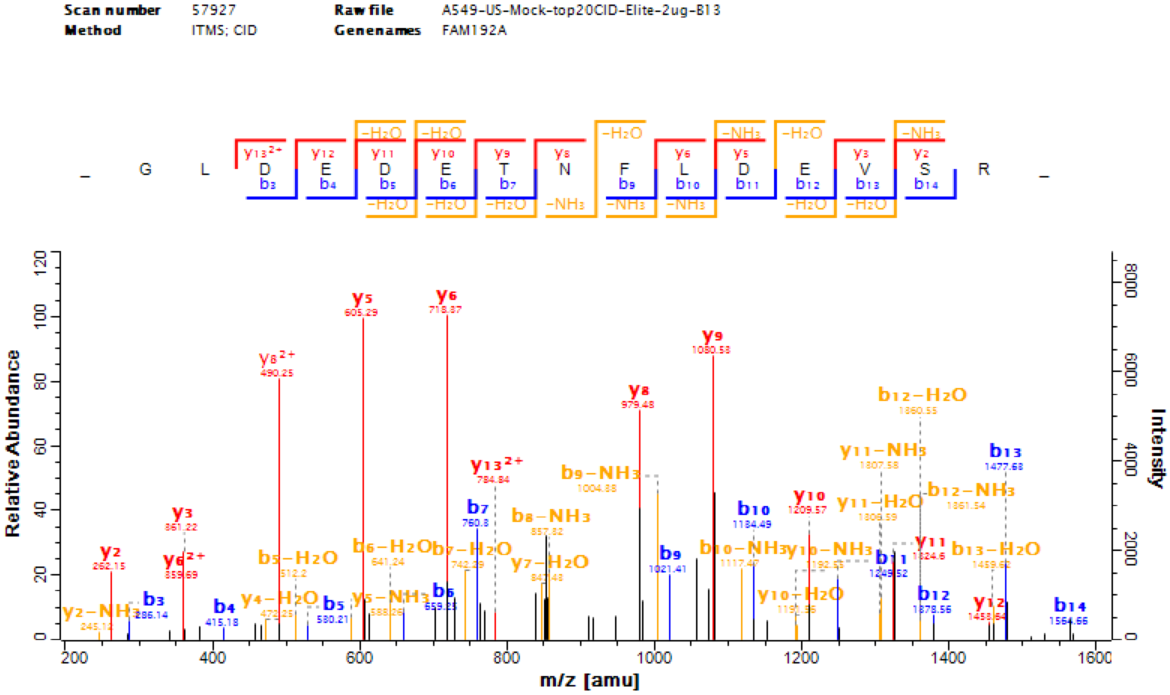
Protein Group ID: 1397
Protein Accession Numbers: Q9BTX3; H3BMW4; J3KRY7
Gene Names: TMEM208
Peptide Sequence: AAFSEDGALMDGGMDLNMEQGMAEHLK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 71.756
Best Match Posterior Error Probability: 0.00017176
Best Match Spectrum:



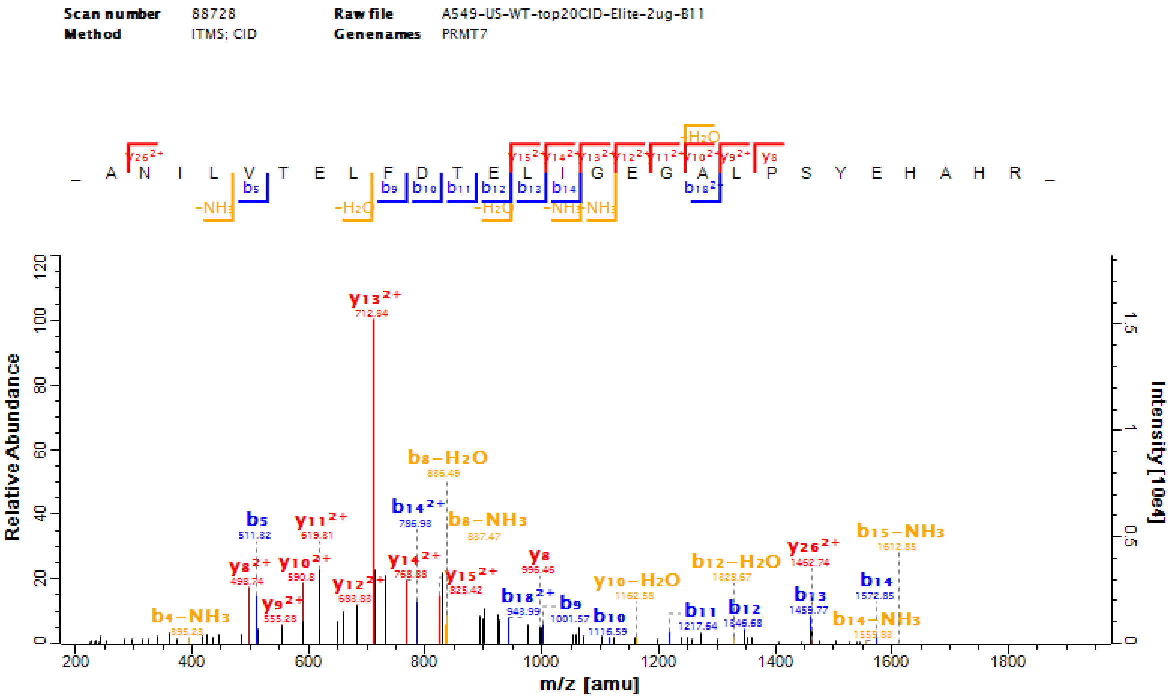
Protein Group ID: 1398
Protein Accession Numbers: H3BUT6; Q9NTJ4; H3BQY8; H3BMX2
Gene Names: MAN2C1
Peptide Sequence: QFLQGQNFFLQEFGK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 85.006
Best Match Posterior Error Probability: 0.0015016
Best Match Spectrum:



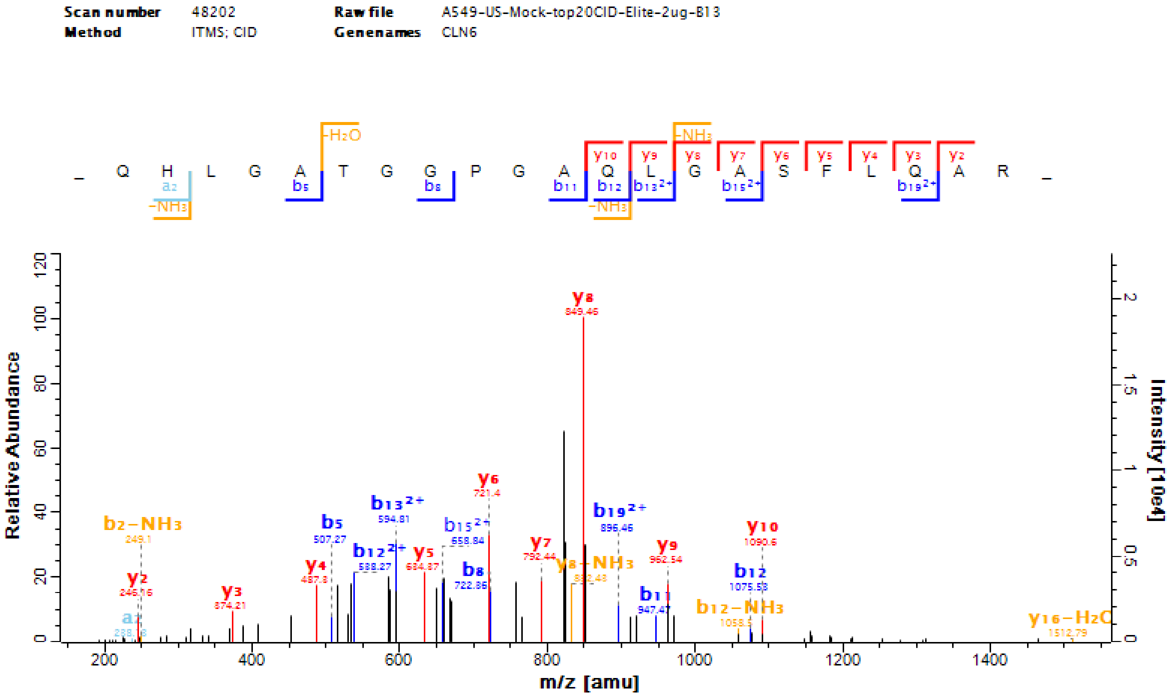
Protein Group ID: 1399
Protein Accession Numbers: Q9GZU8; H3BU93; H3BMX9; H3BUL4; H3BP64; H3BSY6; H3BTP8; H3BTI2; H3BQQ6
Gene Names: FAM192A
Peptide Sequence: GLDEDETNFLDEVSR
Total Number of Spectra: 8
Number of Replicates (out of 8): 7
Best Match Score: 266.15
Best Match Posterior Error Probability: 3.73E-105
Best Match Spectrum:



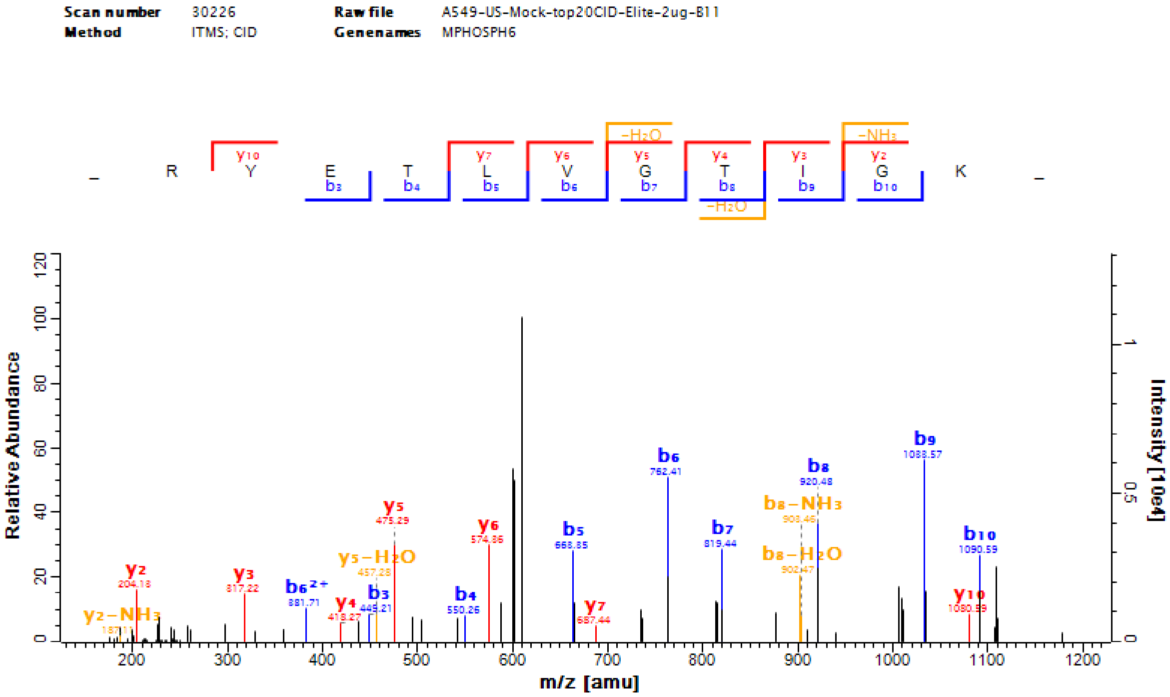
Protein Group ID: 1401
Protein Accession Numbers: Q9NVM4; Q9NVM4-3; H3BNC0; Q9NVM4-4; H3BPZ8; H3BSS9
Gene Names: PRMT7
Peptide Sequence: ANILVTELFDTELIGEGALPSYEHAHR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 63.398
Best Match Posterior Error Probability: 0.00041501
Best Match Spectrum:



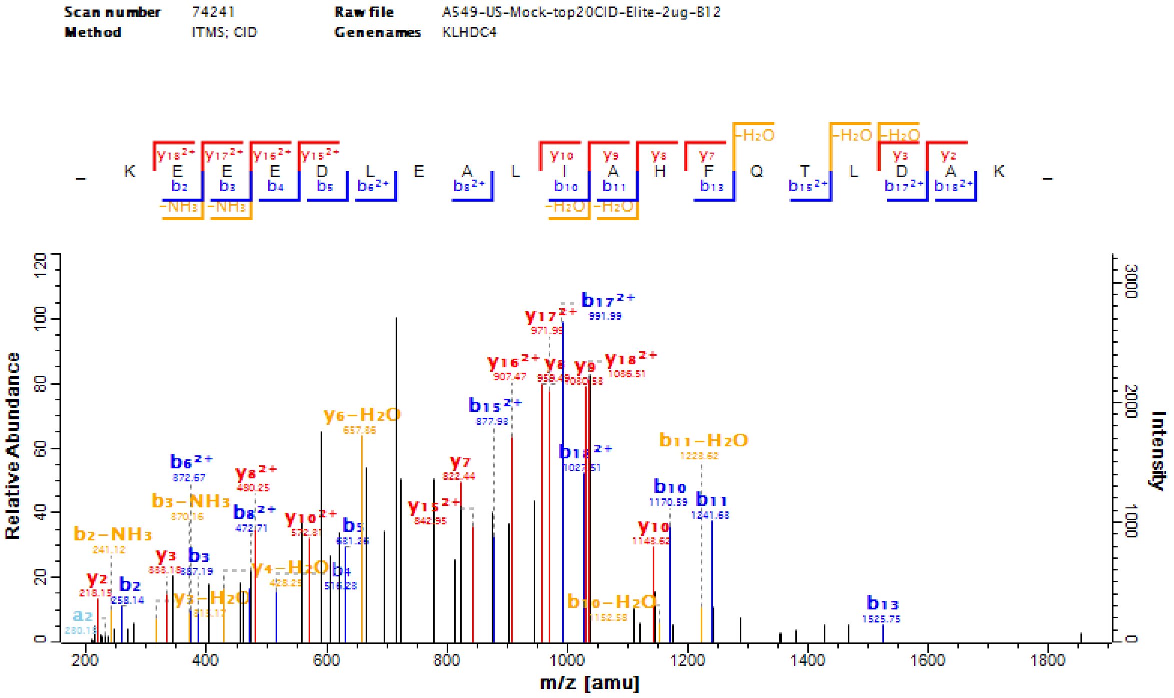
Protein Group ID: 1403
Protein Accession Numbers: Q9NWW5; H3BUT1; H3BUV4; H3BTY4; H3BNF1; H3BRN7
Gene Names: CLN6
Peptide Sequence: QHLGATGGPGAQLGASFLQAR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 87.49
Best Match Posterior Error Probability: 0.00010132
Best Match Spectrum:



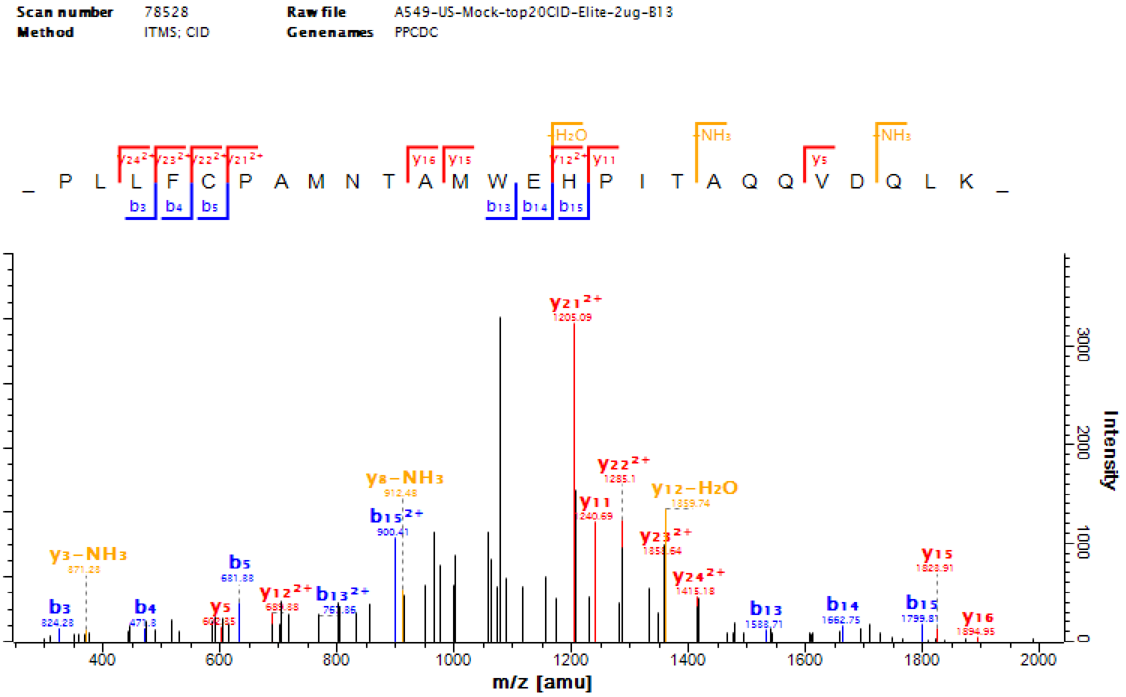
Protein Group ID: 1405
Protein Accession Numbers: Q99547; H3BNT4; H3BSB3
Gene Names: MPHOSPH6
Peptide Sequence: RYETLVGTIGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 92.295
Best Match Posterior Error Probability: 0.0028955
Best Match Spectrum:



Protein Group ID: 1409
Protein Accession Numbers: Q8TBB5; Q8TBB5-3; H3BQ90; H3BQL0; H3BP99
Gene Names: KLHDC4
Peptide Sequence: KEEEDLEALIAHFQTLDAK
Total Number of Spectra: 7
Number of Replicates (out of 8): 4
Best Match Score: 149.97
Best Match Posterior Error Probability: 2.75E-07
Best Match Spectrum:

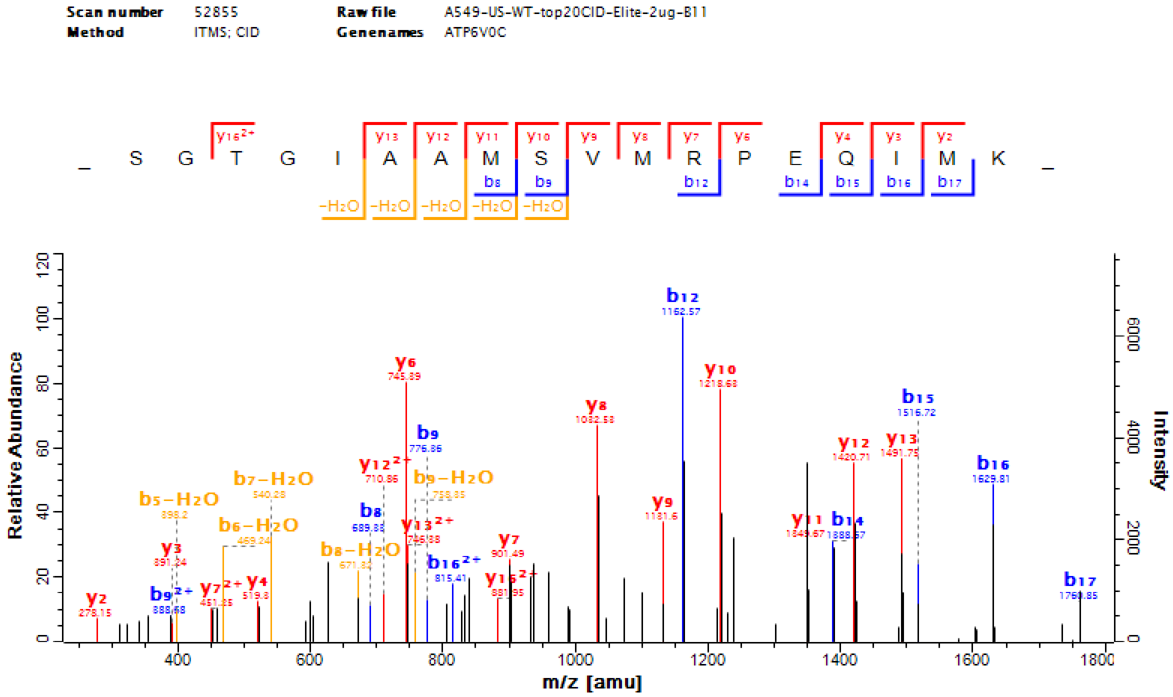


Protein Group ID: 1414
Protein Accession Numbers: Q96CD2; H3BRQ0; H3BQB0; H3BSE3; Q96CD2-2; H3BU63; H3BPW5
Gene Names: PPCDC
Peptide Sequence: PLLFCPAMNTAMWEHPITAQQVDQLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 55.228
Best Match Posterior Error Probability: 0.0022872
Best Match Spectrum:

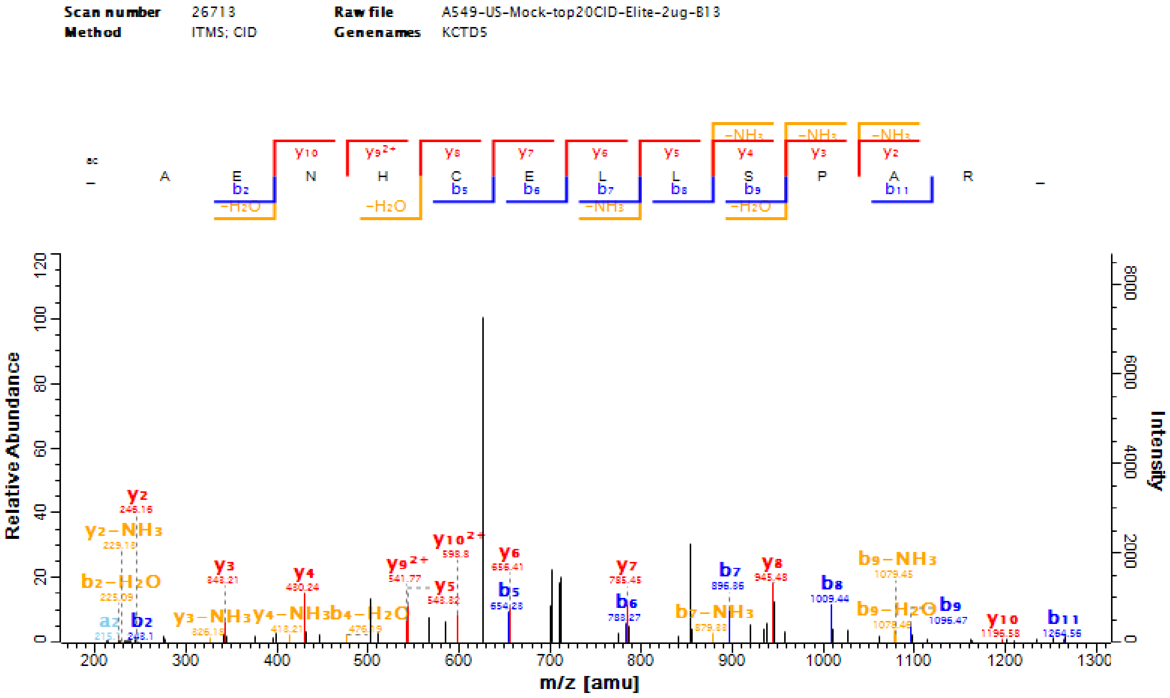


Scan number 78528 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** PPCDC

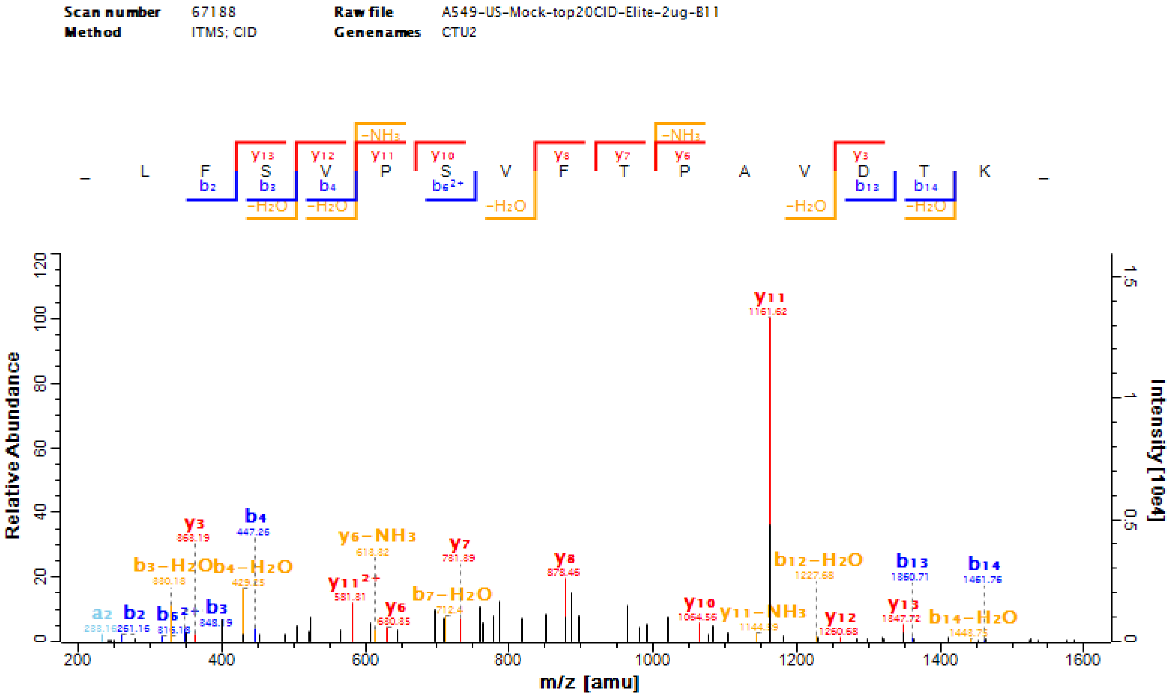
Protein Group ID: 1419
Protein Accession Numbers: P27449; H3BR50
Gene Names: ATP6V0C
Peptide Sequence: SGTGIAAMSVMRPEQIMK
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 110.77
Best Match Posterior Error Probability: 0.00025064
Best Match Spectrum:



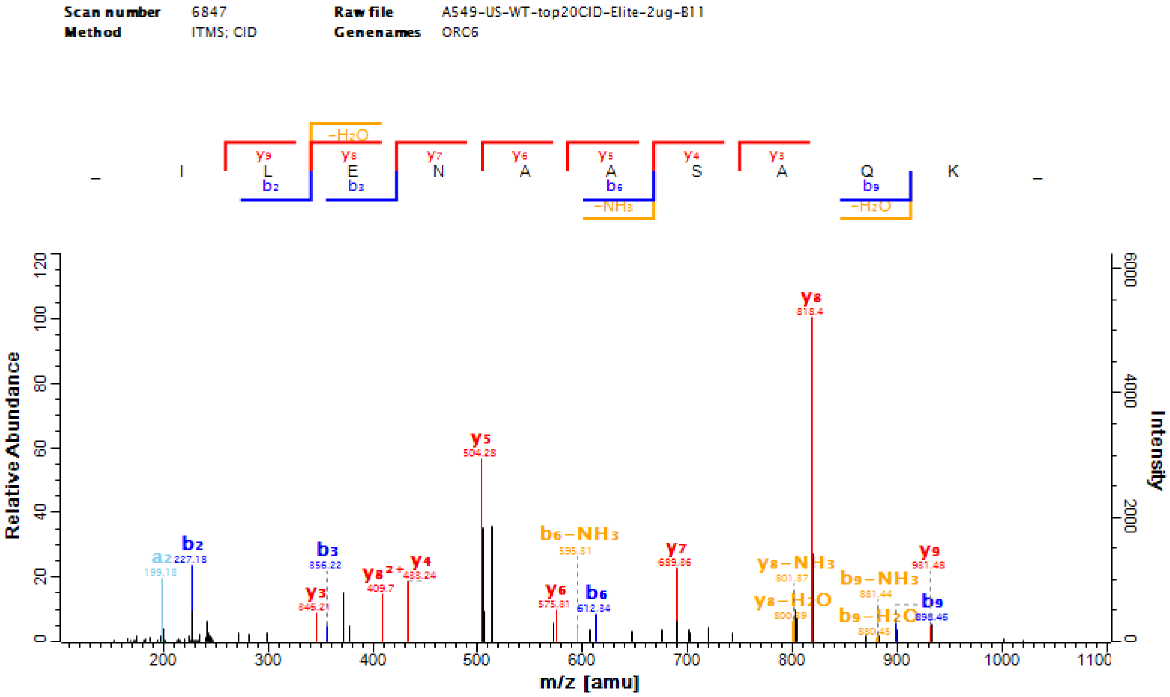
Protein Group ID: 1427
Protein Accession Numbers: H3BSS5; Q9NXV2
Gene Names: KCTD5
Peptide Sequence: AENHCELLSPAR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 120.84
Best Match Posterior Error Probability: 0.00017059
Best Match Spectrum:



Protein Group ID: 1428
Protein Accession Numbers: H3BSW6; Q2VPK5; Q2VPK5-5; Q2VPK5-3
Gene Names: CTU2
Peptide Sequence: LFSVPSVFTPAVDTK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 113.25
Best Match Posterior Error Probability: 0.00010472
Best Match Spectrum:

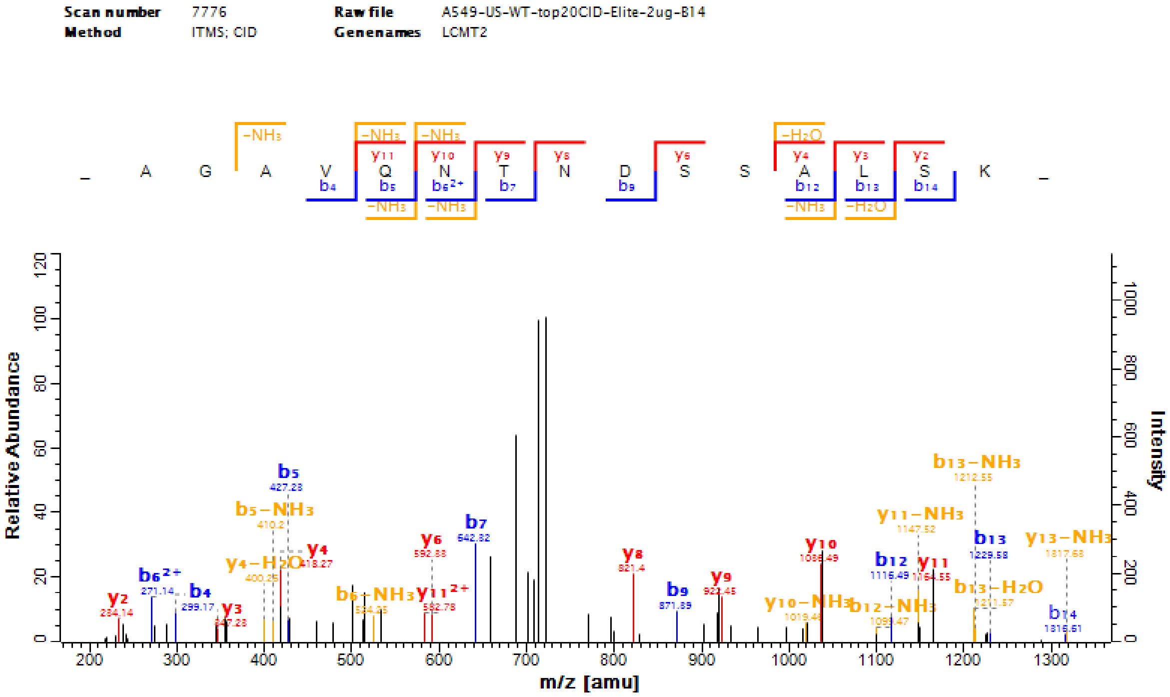


Protein Group ID: 1429
Protein Accession Numbers: Q9Y5N6; H3BT22
Gene Names: ORC6
Peptide Sequence: ILENAASAQK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 106.4
Best Match Posterior Error Probability: 0.00050108
Best Match Spectrum:

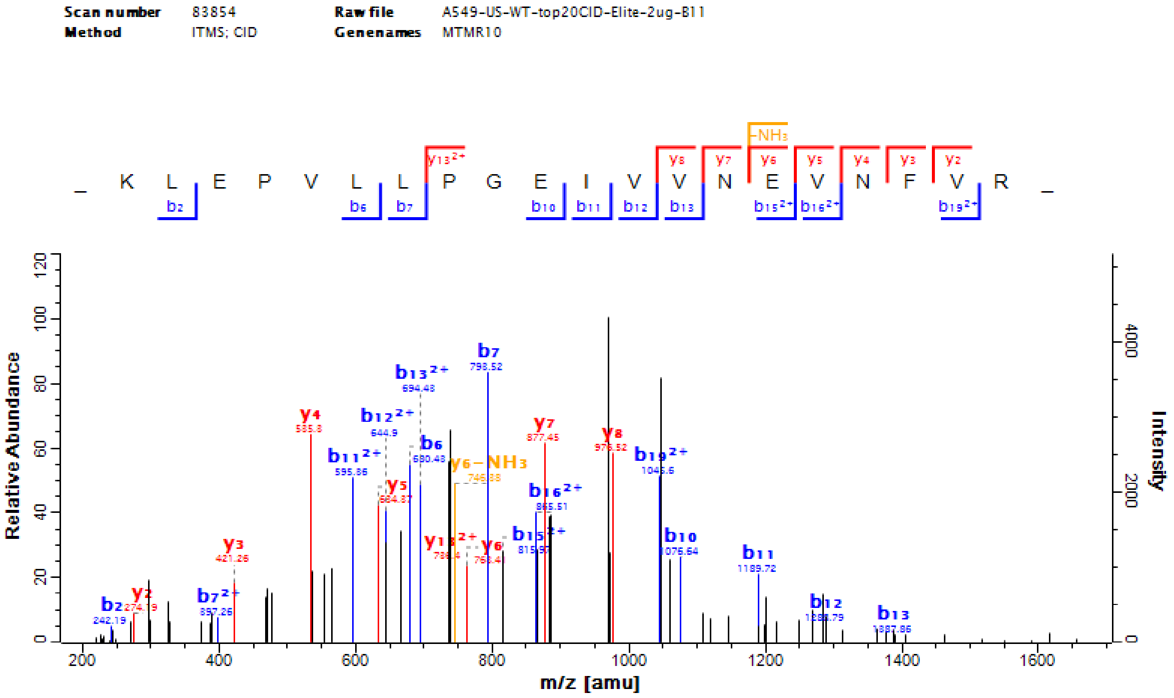


Scan number	6847	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	ORC6

Protein Group ID: 1430
Protein Accession Numbers: O60294; H3BU01
Gene Names: LCMT2
Peptide Sequence: AGAVQNTNDSSALSK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 122.33
Best Match Posterior Error Probability: 3.83E-05
Best Match Spectrum:



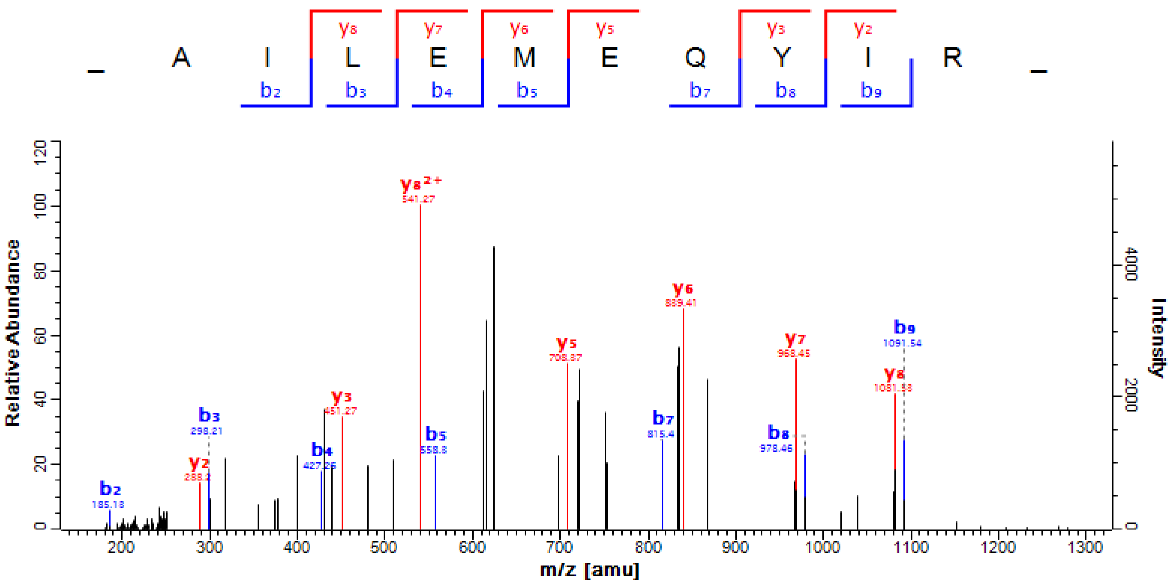
Protein Group ID: 1432
Protein Accession Numbers: Q9NXD2; Q9NXD2-3; H3BUS9
Gene Names: MTMR10
Peptide Sequence: KLEPVLLPGEIVVNEVNFVR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 87.24
Best Match Posterior Error Probability: 0.00045104
Best Match Spectrum:



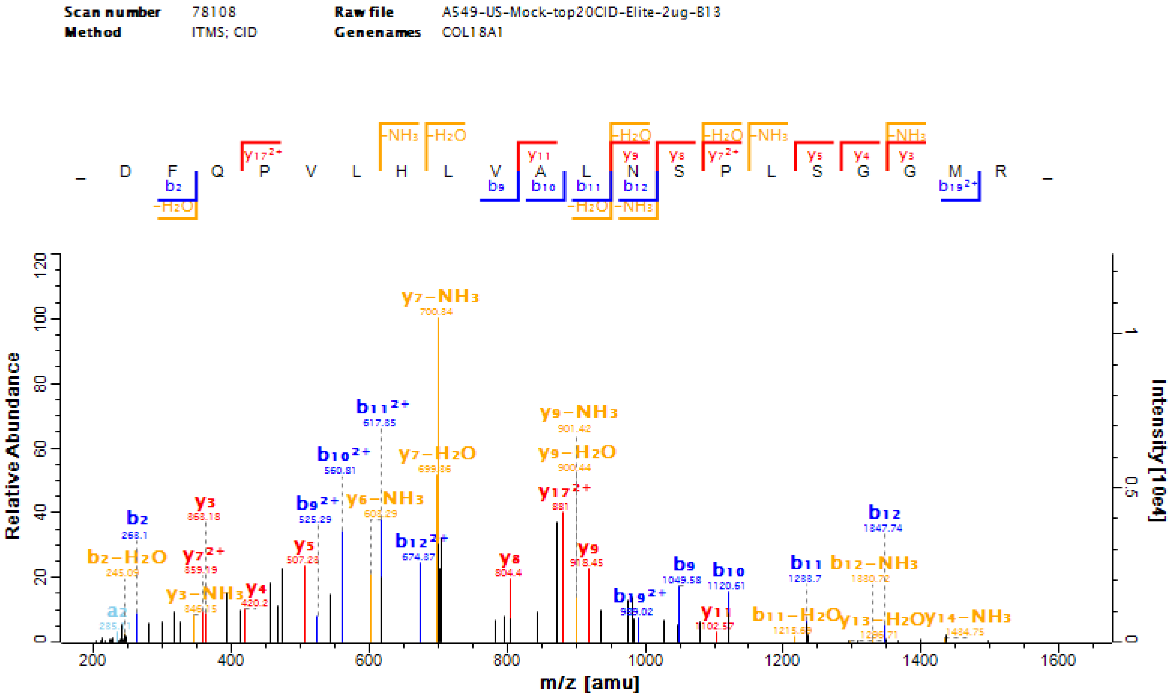
Scan number 83854 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** MTMR10

Protein Group ID: 1433
Protein Accession Numbers: Q8WV22; I3L1I3; H3BV05
Gene Names: NSMCE1
Peptide Sequence: AILEMEQYIR
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 90.685
Best Match Posterior Error Probability: 0.0018902
Best Match Spectrum:

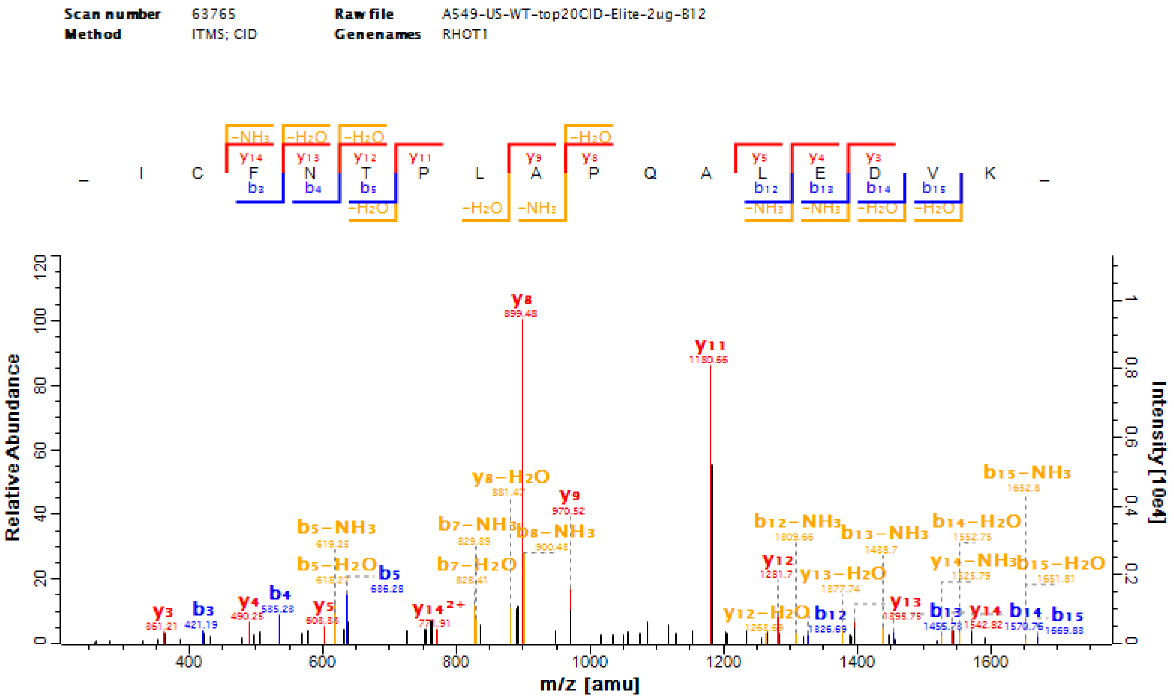
Scan number 53776 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** NSMCE1



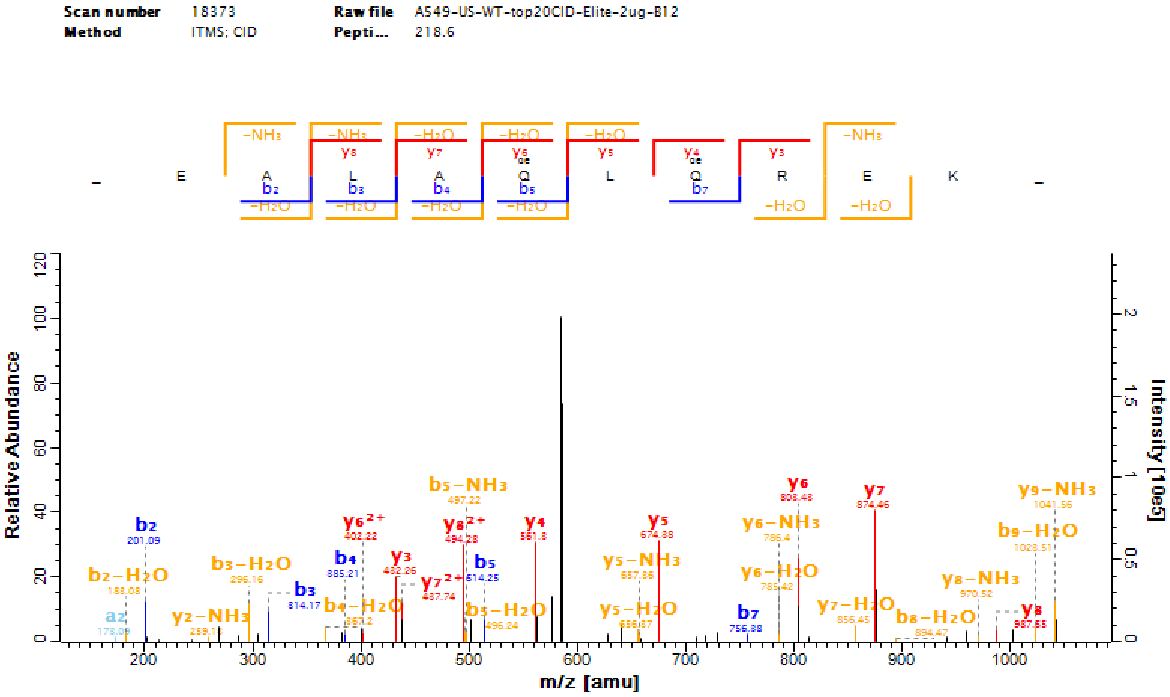
Protein Group ID: 1439
Protein Accession Numbers: P39060; P39060-1; P39060-2; H7BXV5; H7C457
Gene Names: COL18A1
Peptide Sequence: DFQPVLHLVALNSPLSGGMR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 128.59
Best Match Posterior Error Probability: 2.18E-06
Best Match Spectrum:



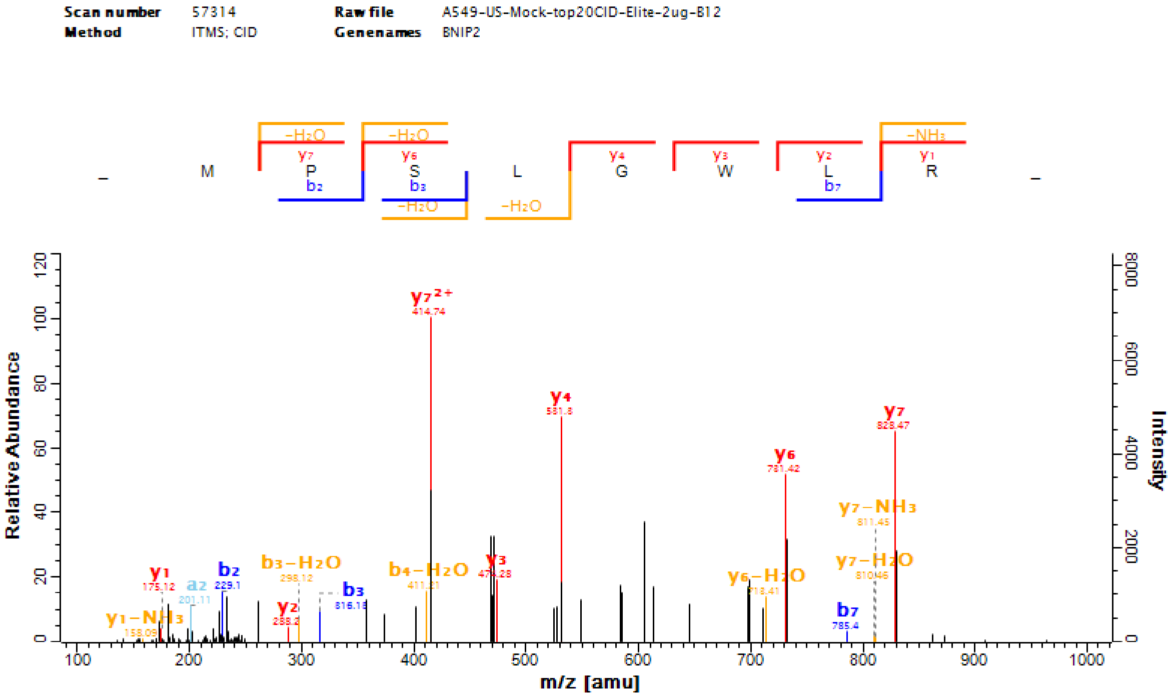
Protein Group ID: 1442
Protein Accession Numbers: Q8IXI2-3; J9JIH9; Q8IXI2-2; Q8IXI2-5; Q8IXI2; H7BXZ6; Q8IXI2-4; J3KSX7
Gene Names: RHOT1
Peptide Sequence: ICFNTPLAPQALEDVK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 144.29
Best Match Posterior Error Probability: 6.07E-06
Best Match Spectrum:



Protein Group ID: 1450
Protein Accession Numbers: H7BZ55; H7BZ68
Gene Names:
Peptide Sequence: EALAQLQREK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 218.6
Best Match Posterior Error Probability: 4.38E-25
Best Match Spectrum:

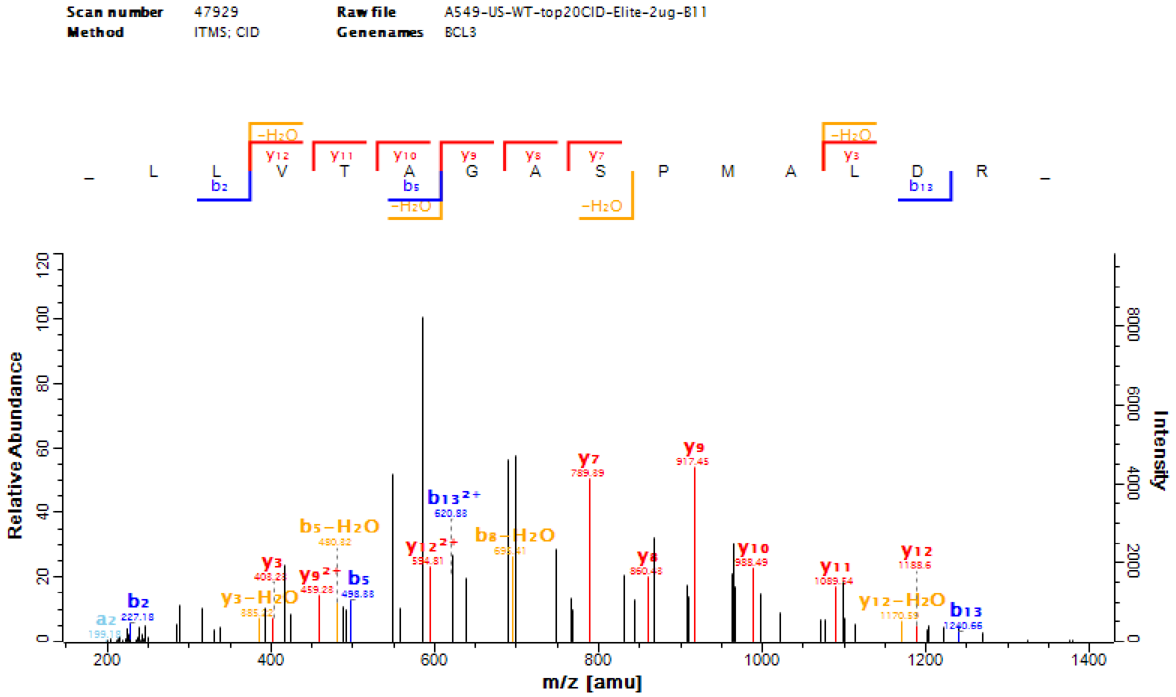


Protein Group ID: 1454
Protein Accession Numbers: J3KN59; Q12982-2; Q12982; H7C096
Gene Names: BNIP2
Peptide Sequence: MPSLGWLR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 122.13
Best Match Posterior Error Probability: 0.0018606
Best Match Spectrum:

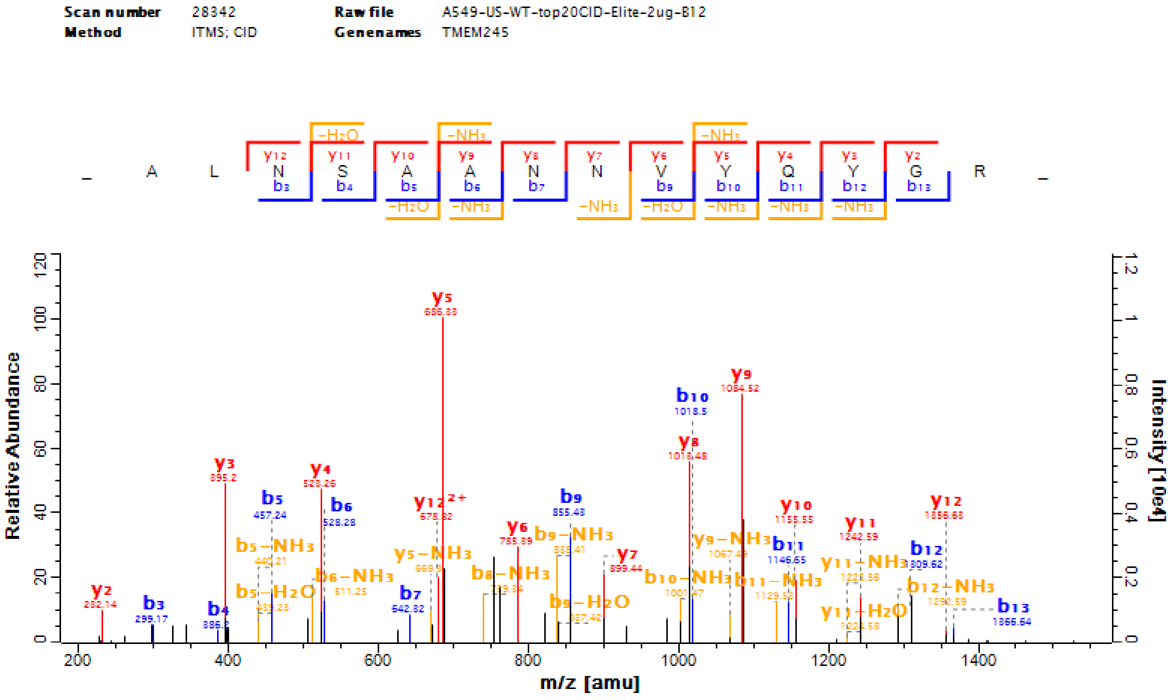


Scan number 57314 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** BNIP2

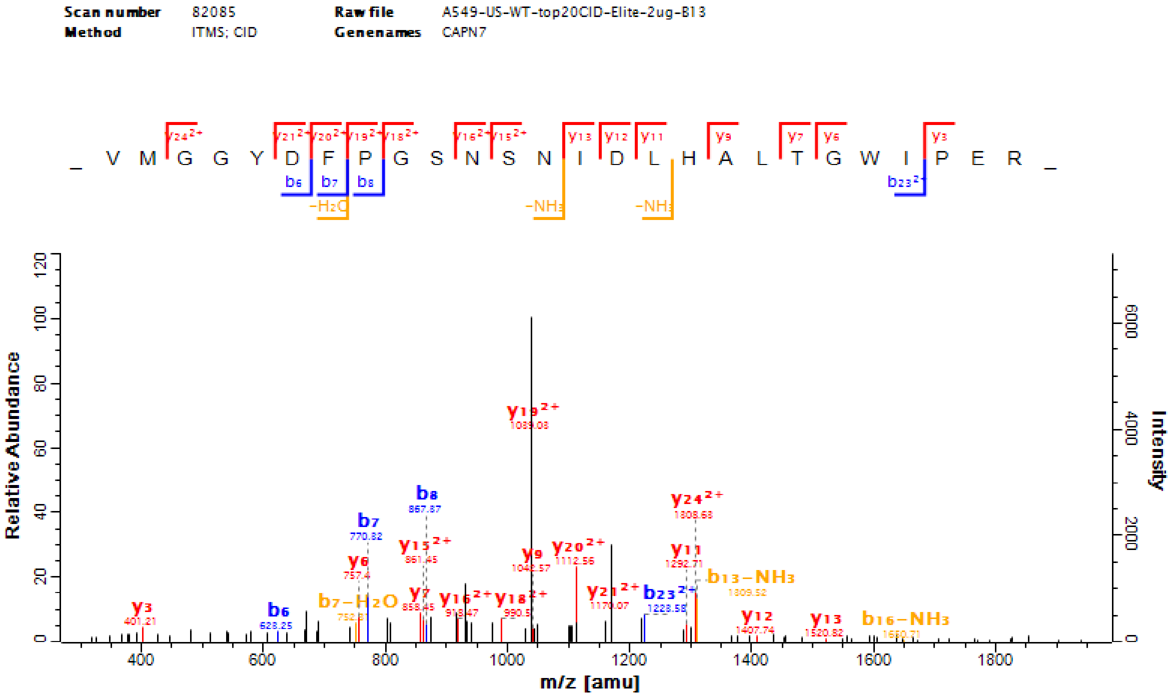
Protein Group ID: 1455
Protein Accession Numbers: P20749; H7C0A2
Gene Names: BCL3
Peptide Sequence: LLVTAGASPMALDR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 77.894
Best Match Posterior Error Probability: 0.0037663
Best Match Spectrum:



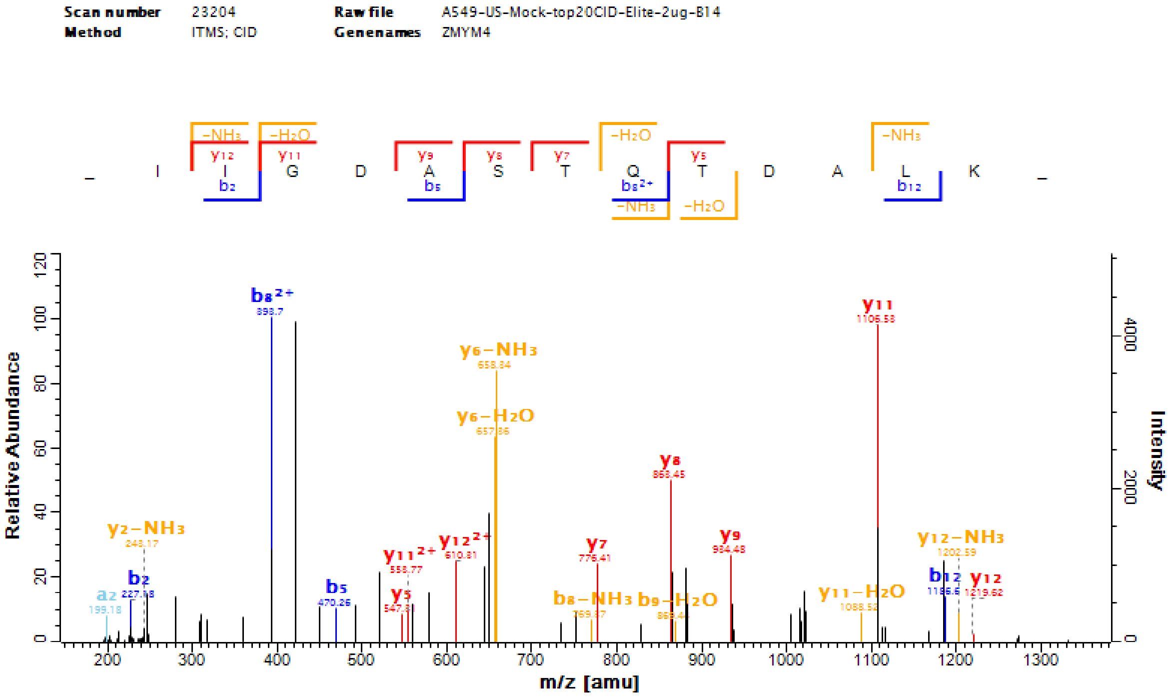
Protein Group ID: 1457
Protein Accession Numbers: Q9H330; Q9H330-2; H7C0G1; Q9H330-3
Gene Names: TMEM245
Peptide Sequence: ALNSAANNVYQYGR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 220.21
Best Match Posterior Error Probability: 1.05E-41
Best Match Spectrum:



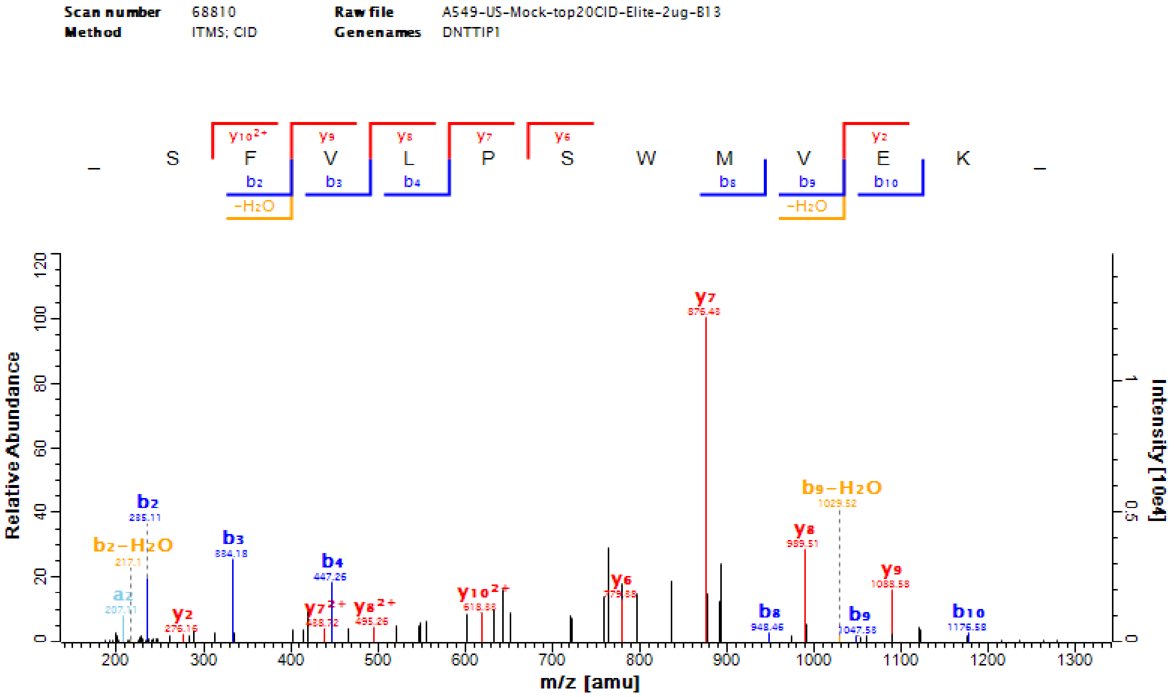
Protein Group ID: 1459
Protein Accession Numbers: Q9Y6W3; H7C1B7
Gene Names: CAPN7
Peptide Sequence: VMGGYDFPGSNSNIDLHALTGWIPER
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 68.552
Best Match Posterior Error Probability: 0.0003327
Best Match Spectrum:



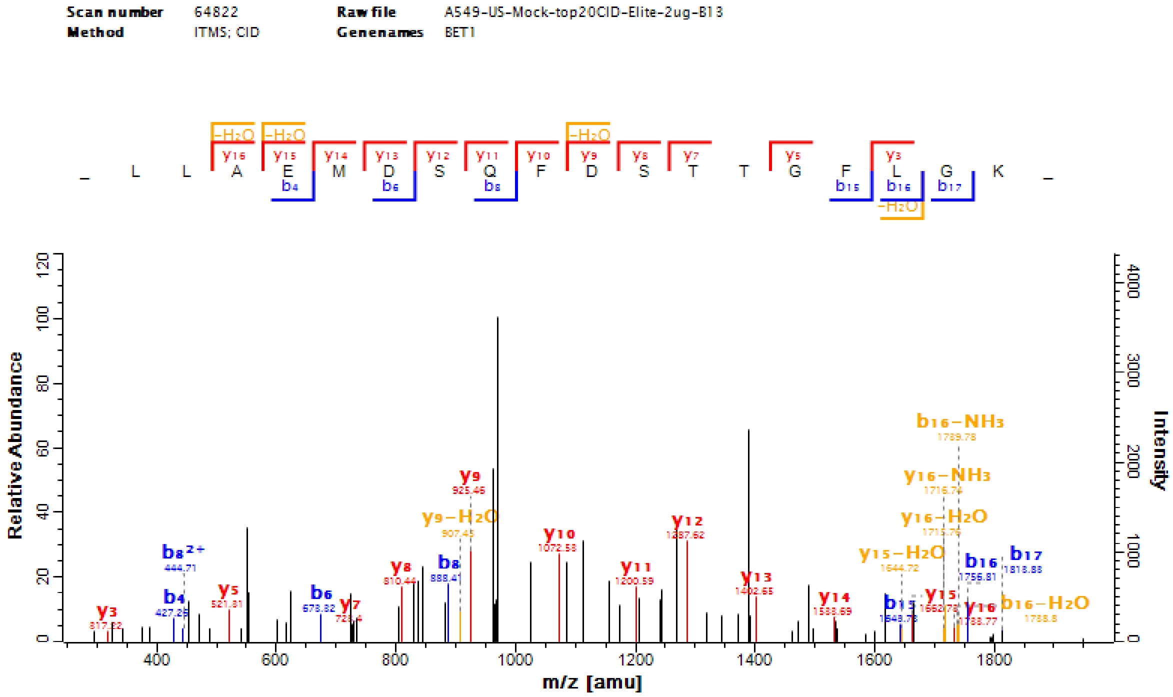
Protein Group ID: 1462
Protein Accession Numbers: Q5VZL5; Q5VZL5-4; Q5VZL5-2; Q5VZL5-3; H7C1I7
Gene Names: ZMYM4
Peptide Sequence: IIGDASTQTDALK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 82.85
Best Match Posterior Error Probability: 0.0026669
Best Match Spectrum:



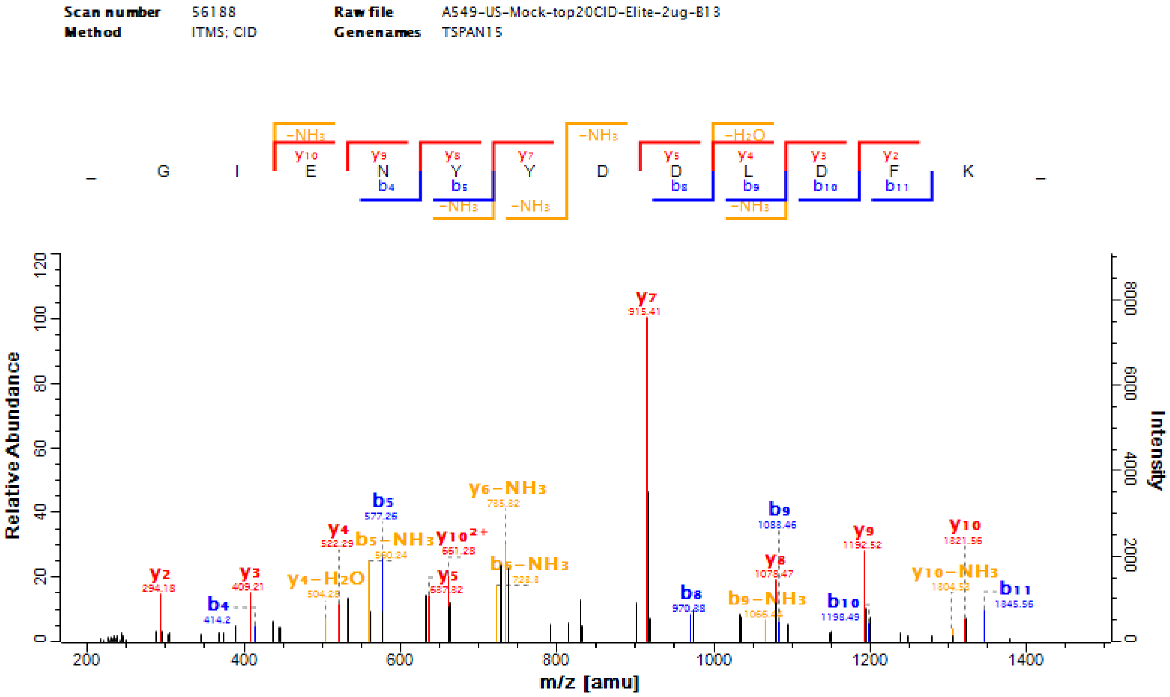
Protein Group ID: 1463
Protein Accession Numbers: Q9H147; H7C1M5; H7C1J2
Gene Names: DNTTIP1
Peptide Sequence: SFVLPSWMVEK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 94.465
Best Match Posterior Error Probability: 0.0010138
Best Match Spectrum:



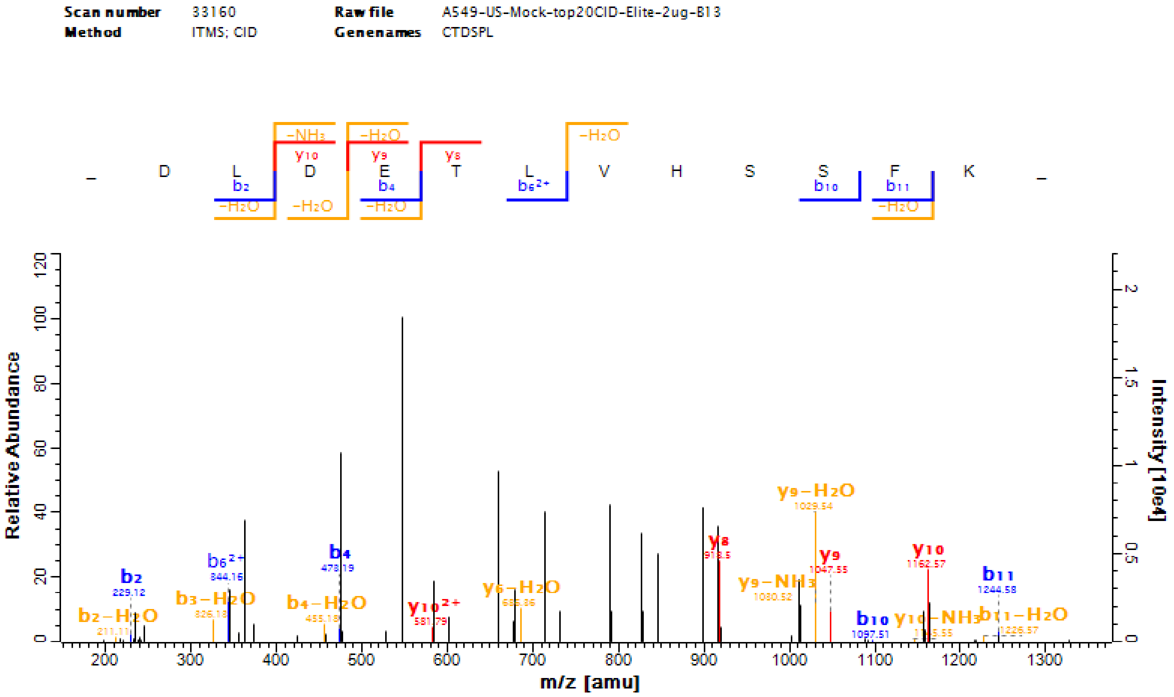
Protein Group ID: 1464
Protein Accession Numbers: H7C1N3; O15155
Gene Names: BET1
Peptide Sequence: LLAEMDSQFDSTTGFLGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 101.53
Best Match Posterior Error Probability: 0.00015183
Best Match Spectrum:



Protein Group ID: 1468
Protein Accession Numbers: O95858; H7C285
Gene Names: TSPAN15
Peptide Sequence: GIENYYDDLDFK
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 101.32
Best Match Posterior Error Probability: 0.00047971
Best Match Spectrum:



Protein Group ID: 1471
Protein Accession Numbers: H7C2S4
Gene Names: CTDSPL
Peptide Sequence: DLDETLVHSSFK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 96.113
Best Match Posterior Error Probability: 0.00081657
Best Match Spectrum:



Scan number 33160 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** CTDSPL

Protein Group ID: 1472

Protein Accession Numbers: P46527; H7C2T1

Gene Names: CDKN1B

Peptide Sequence: TEENVSDGSPNAGSVEQTPK

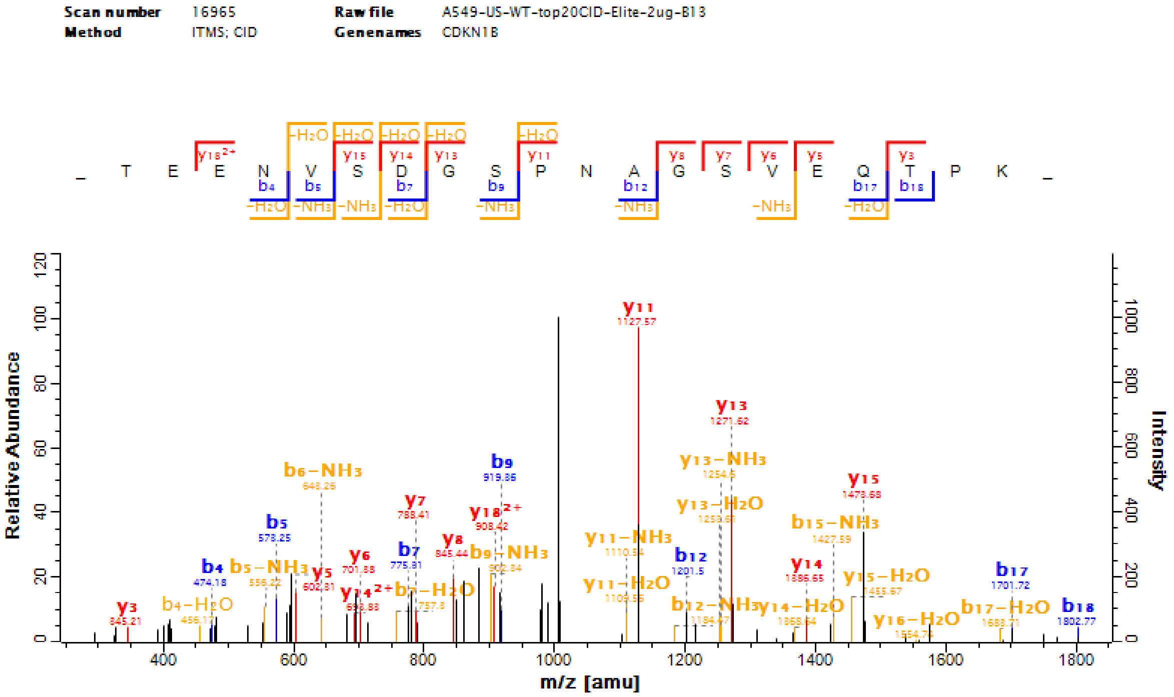
Total Number of Spectra: 5

Number of Replicates (out of 8): 4

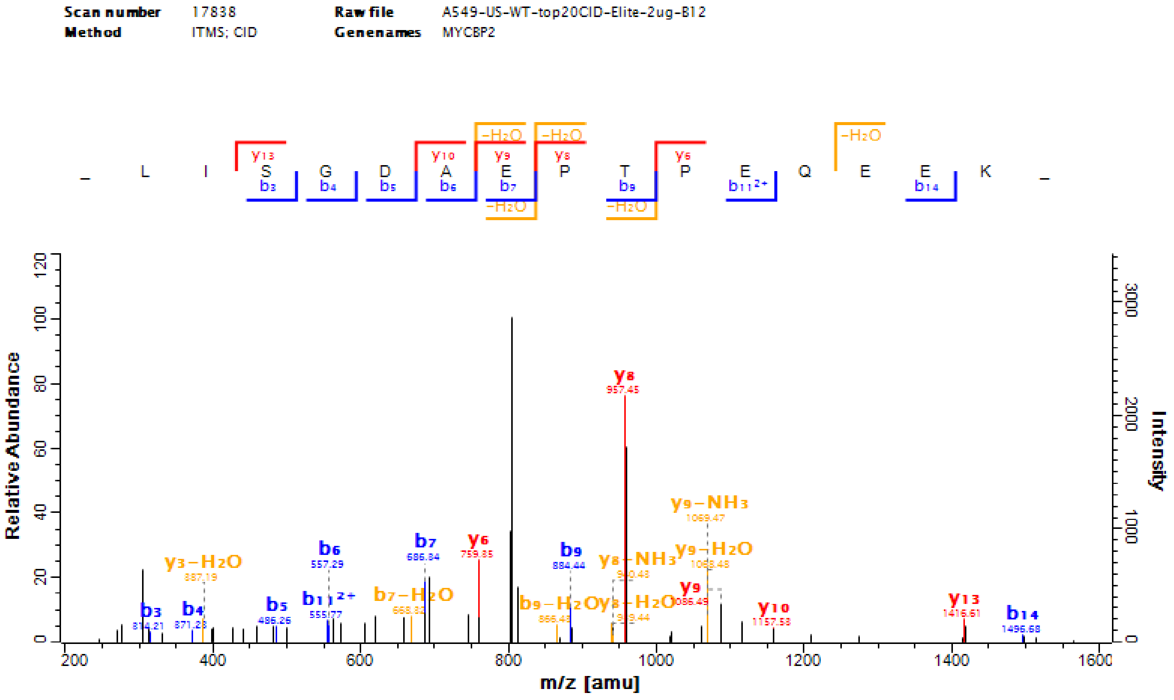
Best Match Score: 153.36

Best Match Posterior Error Probability: 2.37E-21

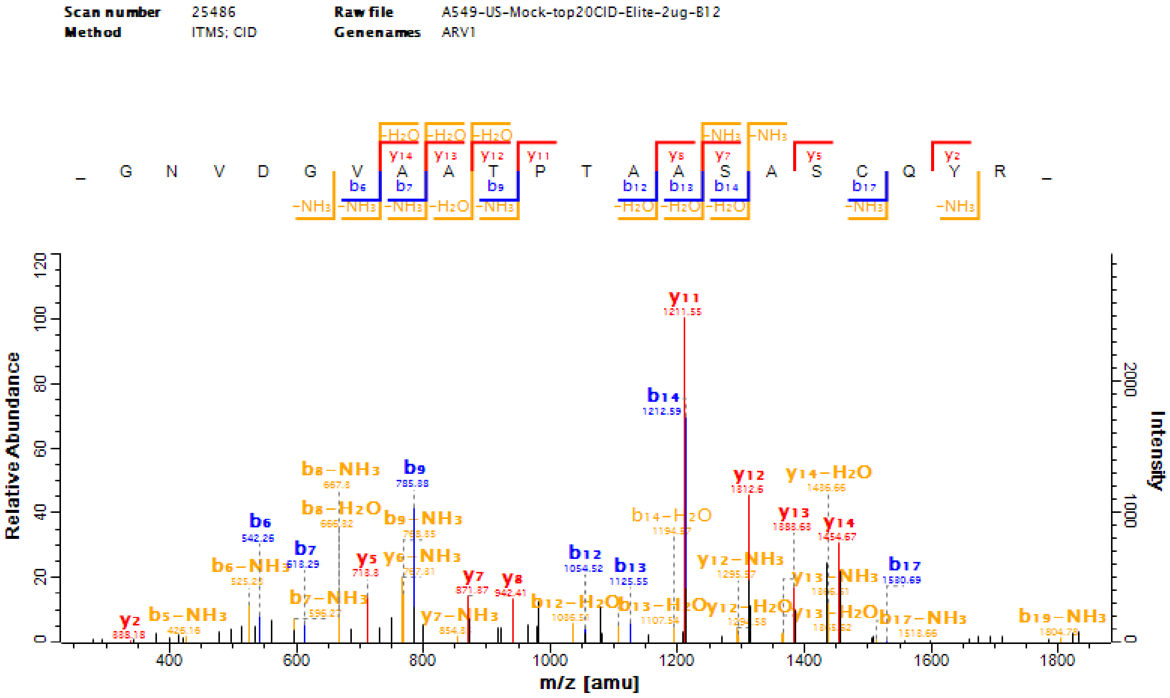
Best Match Spectrum:



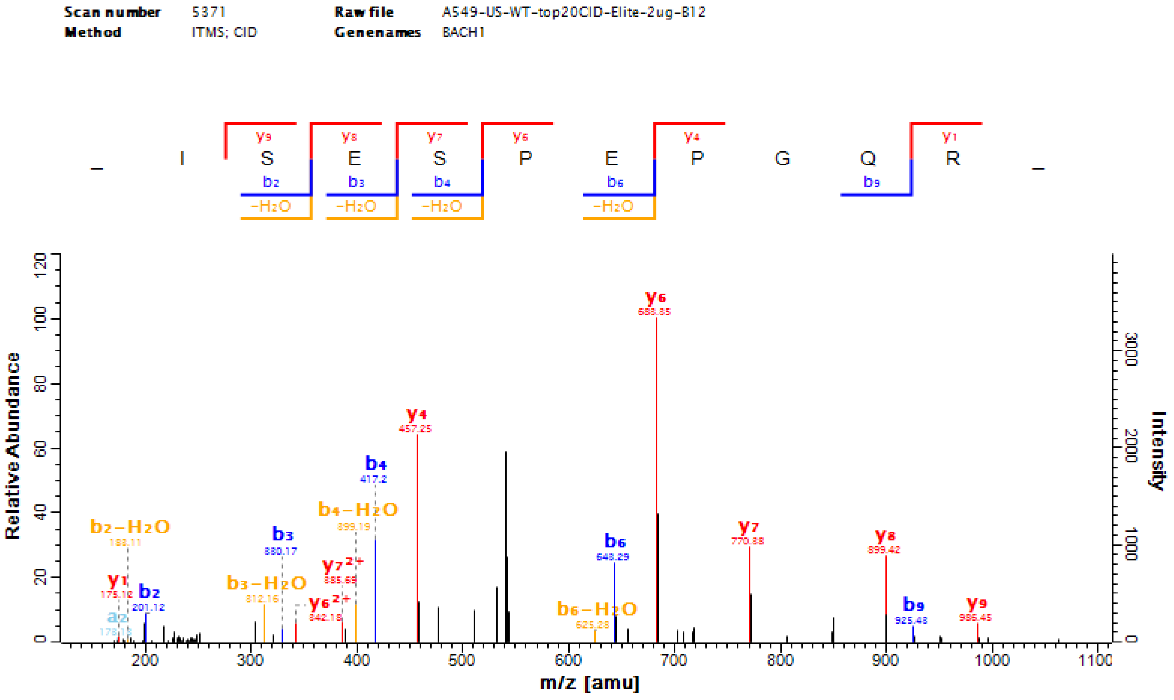
Protein Group ID: 1474
Protein Accession Numbers: J3KPZ3; O75592; O75592-2; H7C3U4
Gene Names: MYCBP2
Peptide Sequence: LISGDAEPTPEQEEK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 88.282
Best Match Posterior Error Probability: 0.00093743
Best Match Spectrum:



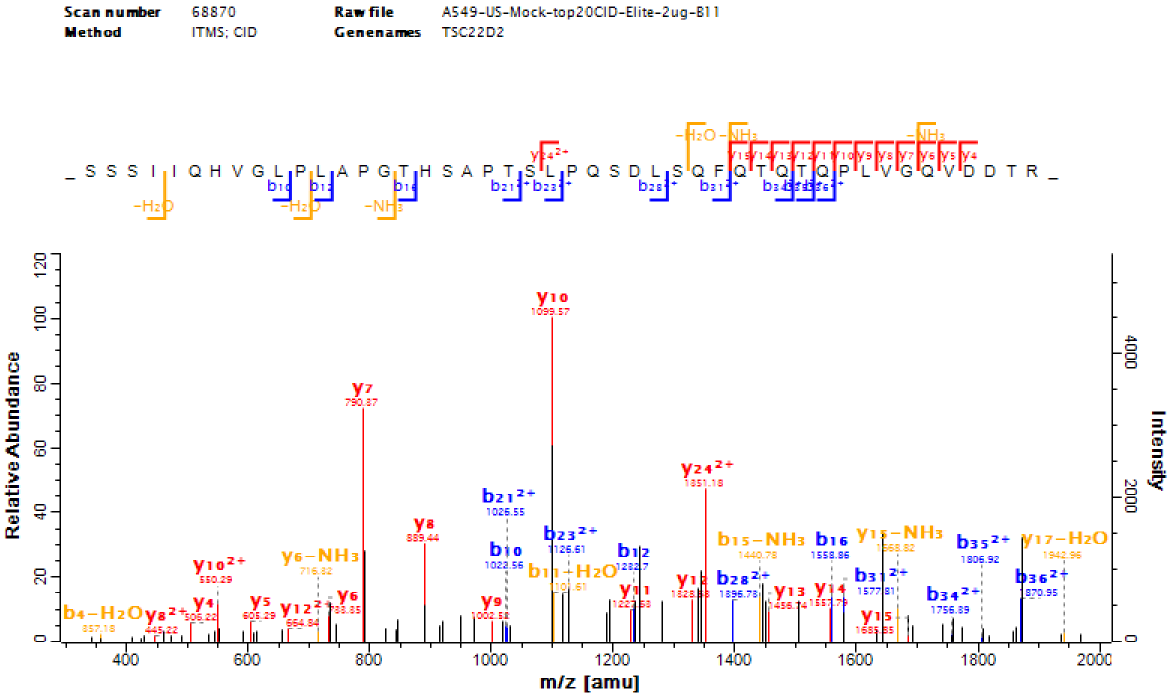
Protein Group ID: 1475
Protein Accession Numbers: Q9H2C2; H7C484
Gene Names: ARV1
Peptide Sequence: GNVDGVAATPTAASASCQYR
Total Number of Spectra: 7
Number of Replicates (out of 8): 5
Best Match Score: 153.21
Best Match Posterior Error Probability: 1.03E-08
Best Match Spectrum:



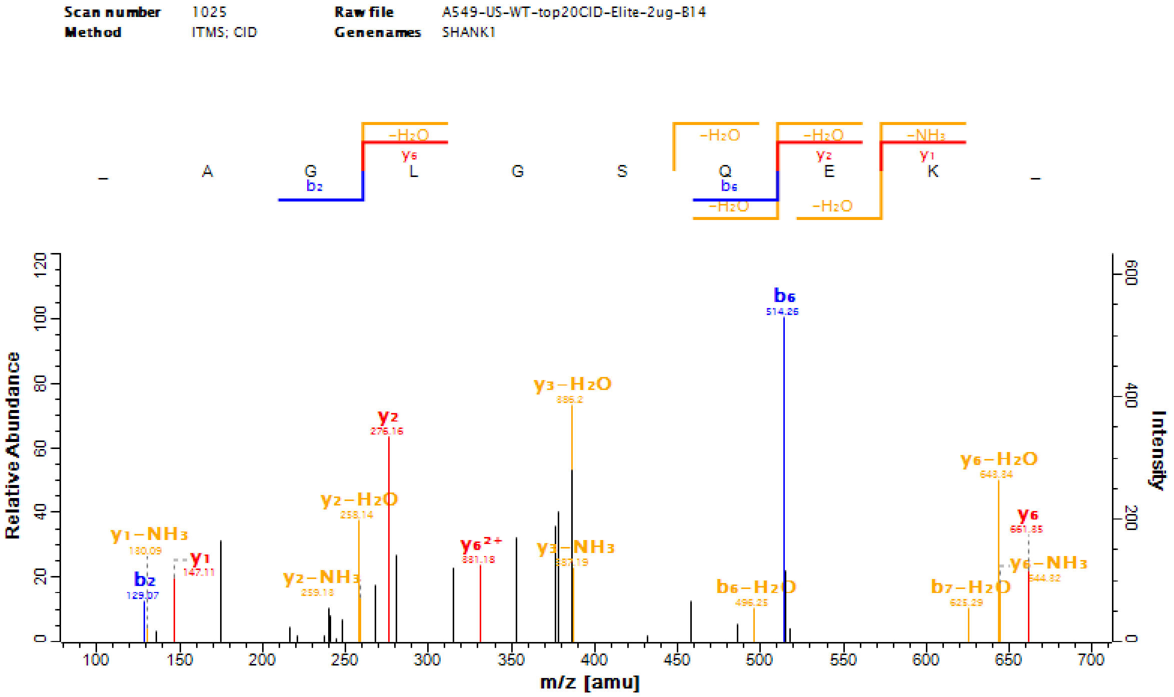
Protein Group ID: 1476
Protein Accession Numbers: O14867; H7C4B6
Gene Names: BACH1
Peptide Sequence: ISESPEPGQR
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 115.78
Best Match Posterior Error Probability: 0.00021181
Best Match Spectrum:



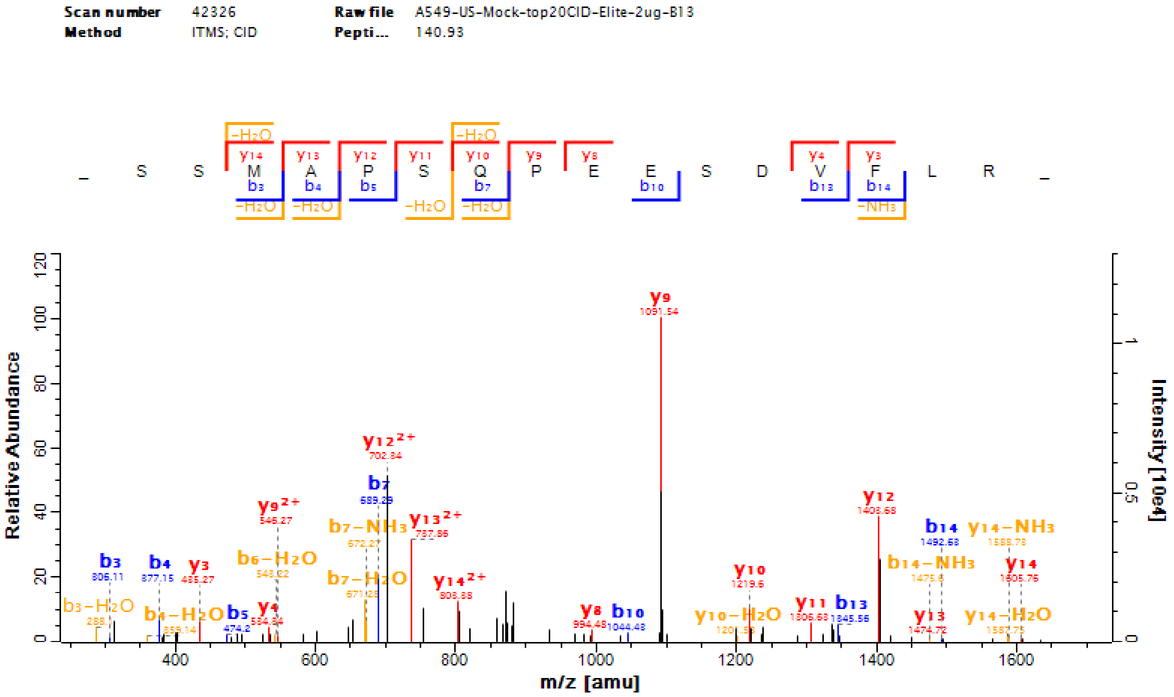
Protein Group ID: 1477
Protein Accession Numbers: O75157; O75157-2; H7C4U3
Gene Names: TSC22D2
Peptide Sequence: SSSIIQHVGLPLAPGTHSAPTSLPQSDLSQFQTQTQPLVGQVDDTR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 45.839
Best Match Posterior Error Probability: 0.00058051
Best Match Spectrum:



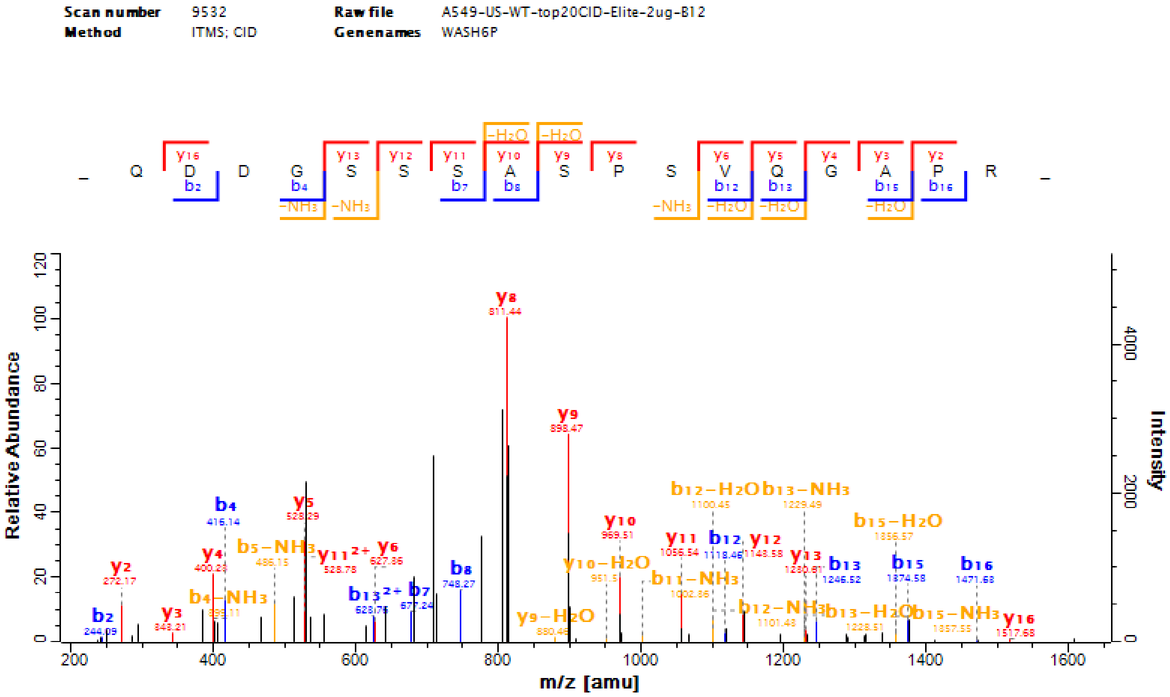
Protein Group ID: 1480
Protein Accession Numbers: H9KV90; Q9Y566; Q9Y566-3; Q9Y566-2
Gene Names: SHANK1
Peptide Sequence: AGLGSQEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 109.01
Best Match Posterior Error Probability: 0.0032088
Best Match Spectrum:



Protein Group ID: 1483
Protein Accession Numbers: I3L097; Q6ZSR9
Gene Names:
Peptide Sequence: SSMAPSQPEESDVFLR
Total Number of Spectra: 11
Number of Replicates (out of 8): 7
Best Match Score: 140.93
Best Match Posterior Error Probability: 1.99E-05
Best Match Spectrum:

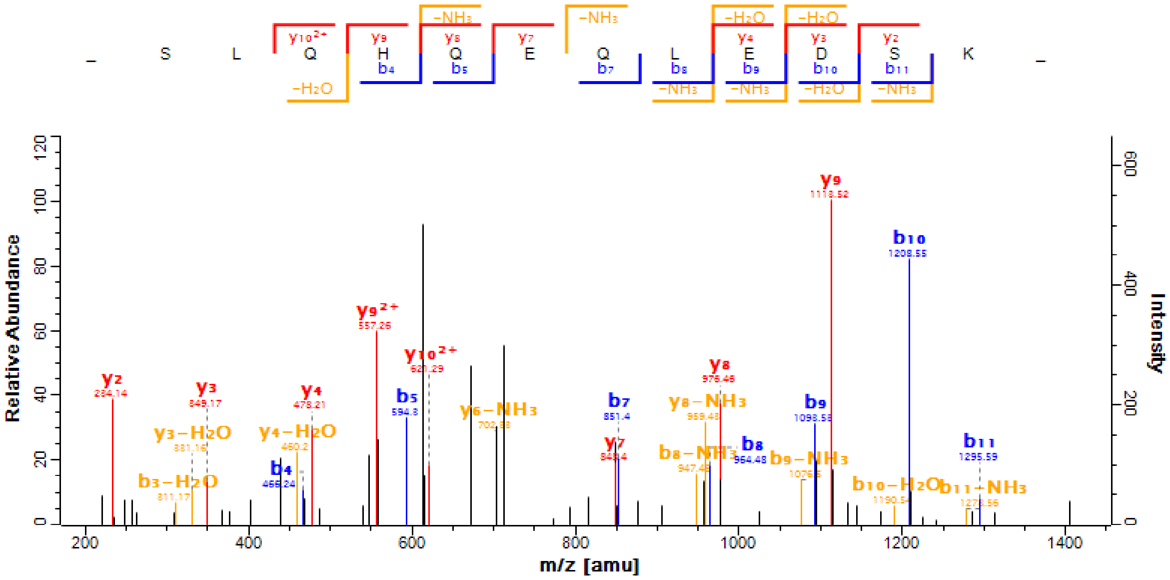


Protein Group ID: 1484
Protein Accession Numbers: I3L0A4; Q9NQA3
Gene Names: WASH6P
Peptide Sequence: QDDGSSSASPSVQGAPR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 154.51
Best Match Posterior Error Probability: 6.67E-07
Best Match Spectrum:

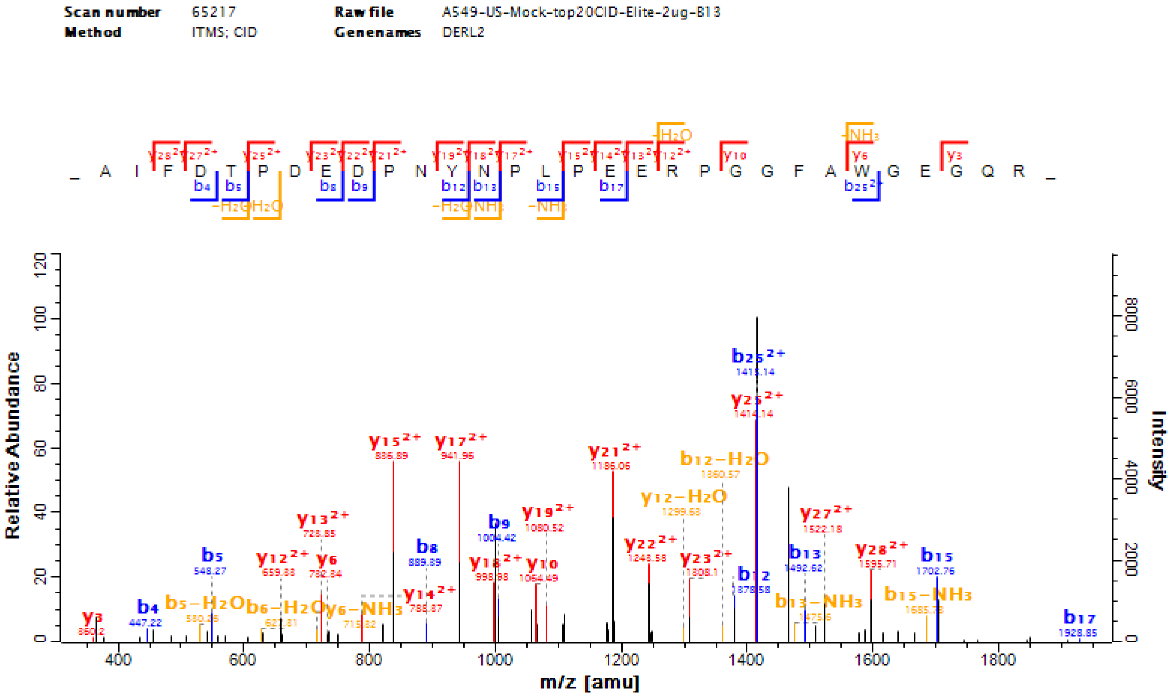


Protein Group ID: 1489
Protein Accession Numbers: I3L156; Q9BSJ6; I3L419; I3L1U3; Q9BSJ6-2; I3L476; I3L427
Gene Names: FAM64A
Peptide Sequence: SLQHQEQLEDSK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 141.13
Best Match Posterior Error Probability: 1.17E-06
Best Match Spectrum:

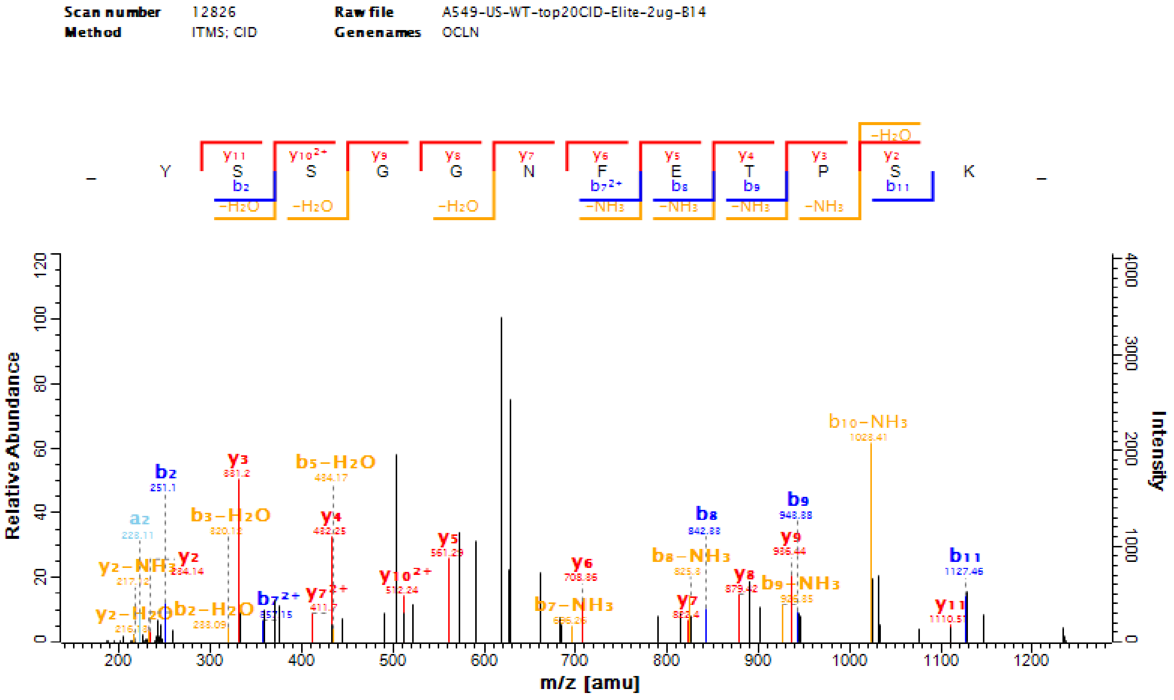
Scan number	6046	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	FAM64A



Protein Group ID: 1490
Protein Accession Numbers: Q9GZP9; I3L1T3
Gene Names: DERL2
Peptide Sequence: AIFDTPDEDPNYNPLPEERPGGFAWGEGQR
Total Number of Spectra: 12
Number of Replicates (out of 8): 7
Best Match Score: 133.95
Best Match Posterior Error Probability: 1.09E-27
Best Match Spectrum:

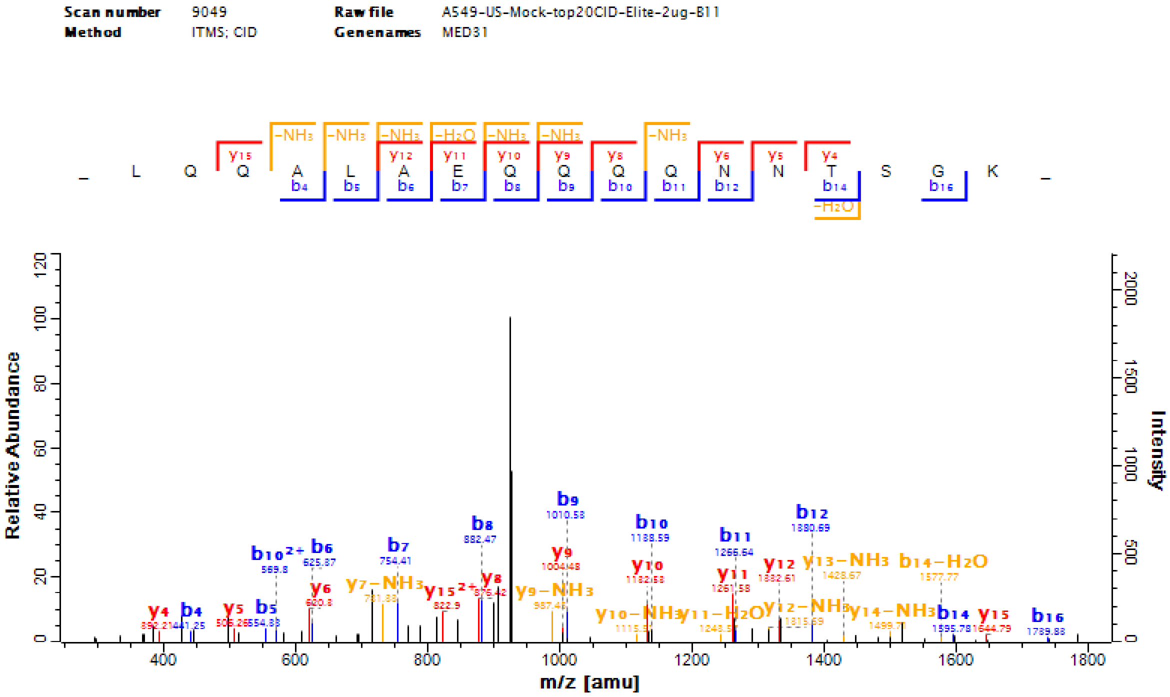


Protein Group ID: 1491
Protein Accession Numbers: I3L291; Q16625; Q16625-3; Q16625-2; Q16625-4; Q16625-5
Gene Names: OCLN
Peptide Sequence: YSSGGNFETPSK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 96.866
Best Match Posterior Error Probability: 0.00074086
Best Match Spectrum:

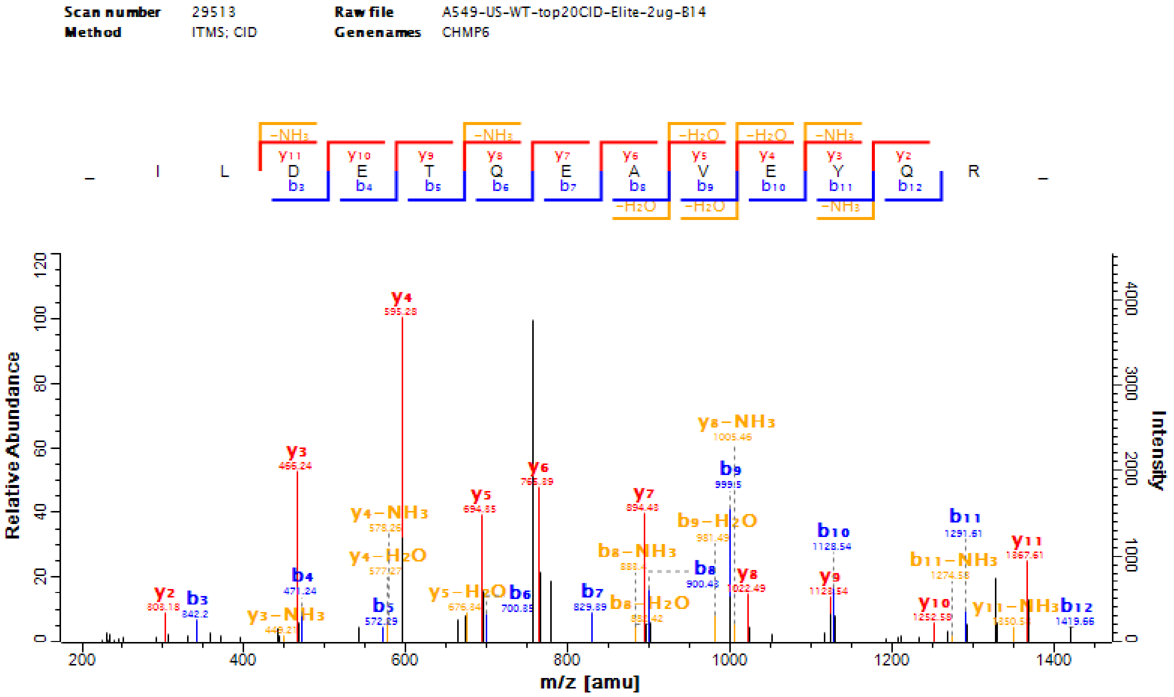


Scan number 12826 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** OCLN

Protein Group ID: 1494
Protein Accession Numbers: Q9Y3C7; I3L2J1
Gene Names: MED31
Peptide Sequence: LQQALAEQQQQNNTSGK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 135.08
Best Match Posterior Error Probability: 6.84E-05
Best Match Spectrum:

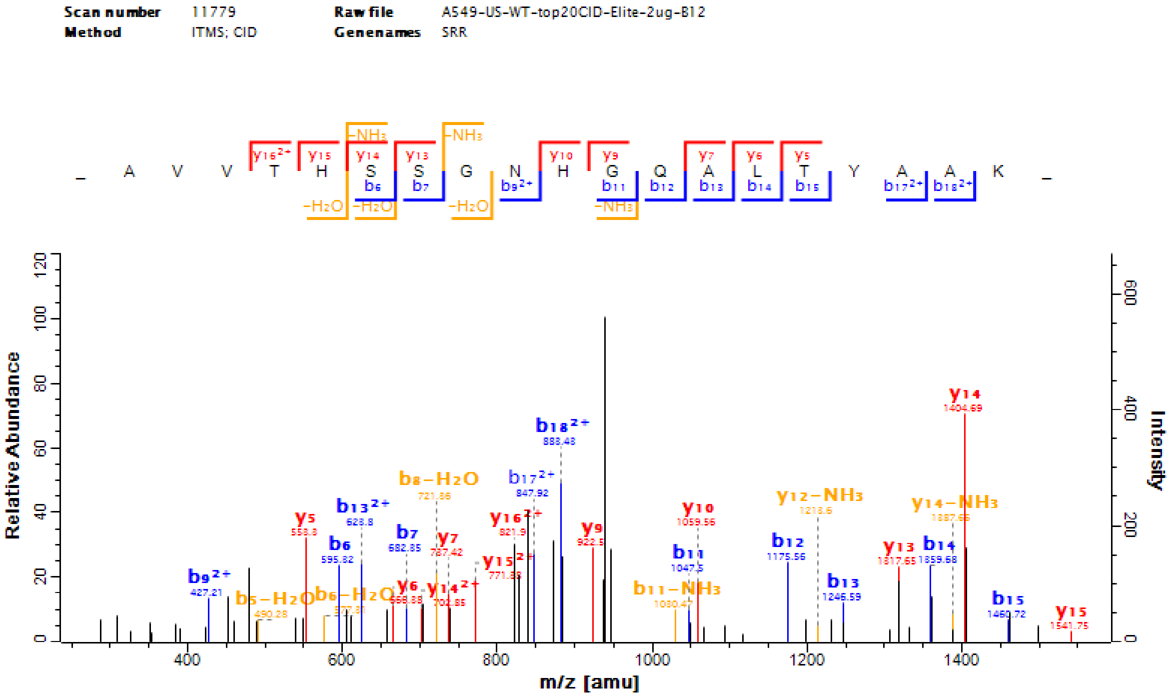


Protein Group ID: 1496
Protein Accession Numbers: I3L4A1; Q96FZ7; I3L4G8; I3L3E4
Gene Names: CHMP6
Peptide Sequence: ILDETQEAVEYQR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 173.25
Best Match Posterior Error Probability: 1.15E-13
Best Match Spectrum:

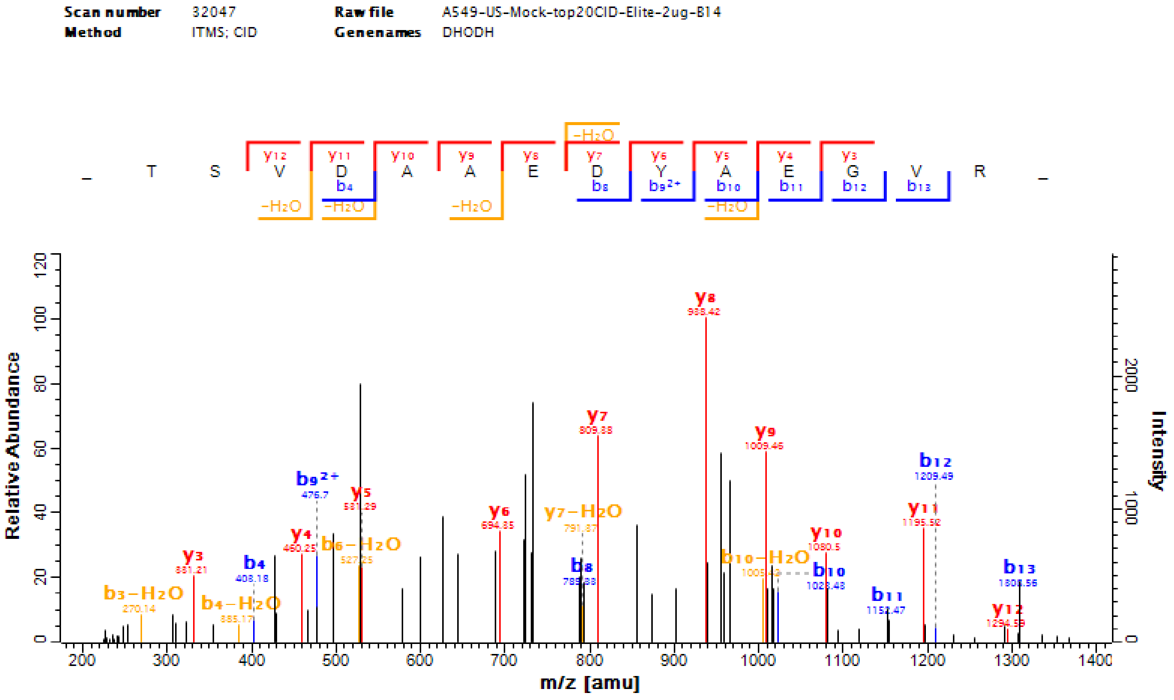


Scan number 29513 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** CHMP6

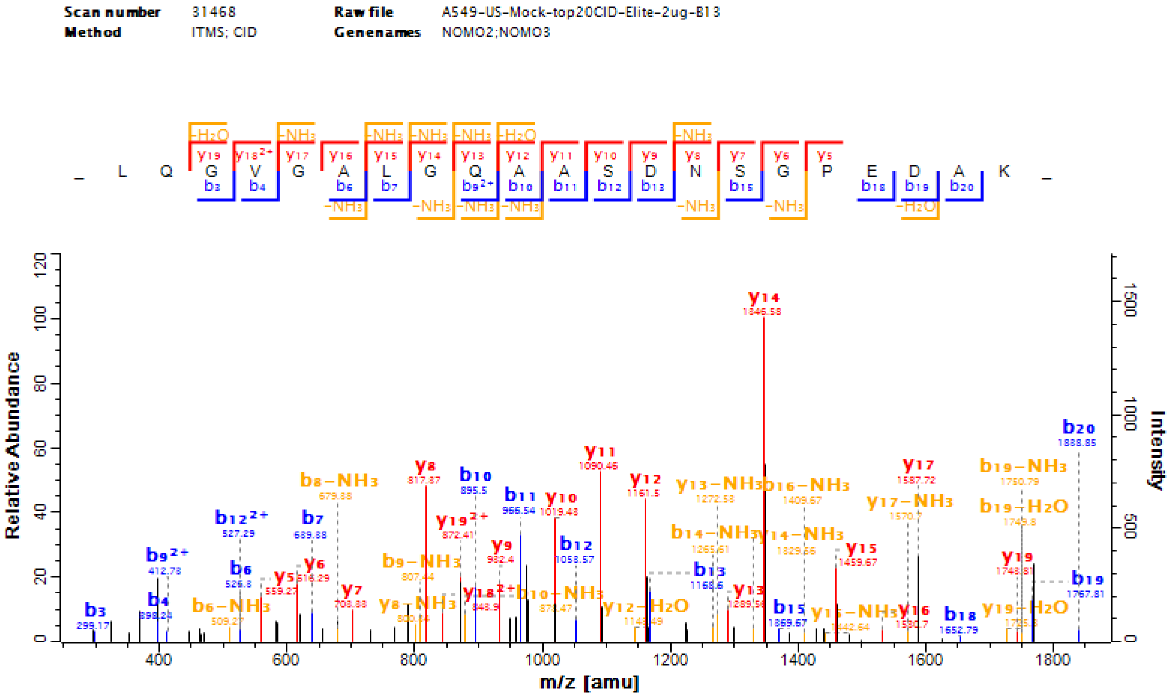
Protein Group ID: 1497
Protein Accession Numbers: Q9GZT4; I3L4B4; I3L3N0
Gene Names: SRR
Peptide Sequence: AVVTHSSGNHGQALTYAAK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 109.87
Best Match Posterior Error Probability: 2.02E-05
Best Match Spectrum:



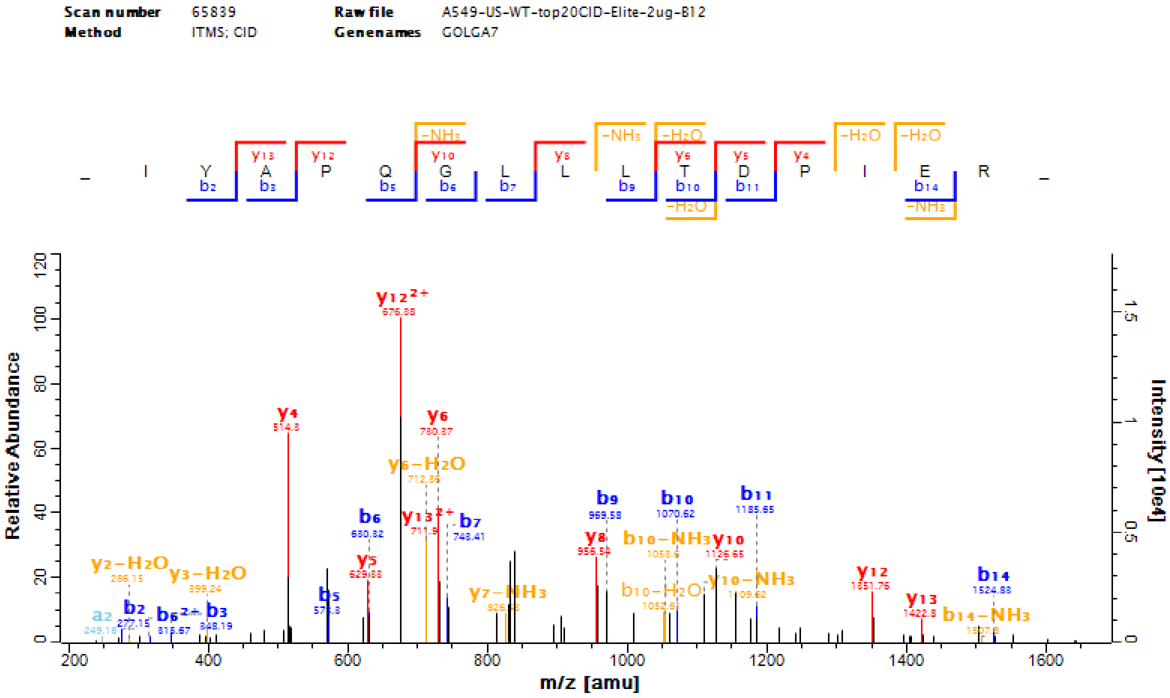
Protein Group ID: 1501
Protein Accession Numbers: Q02127; I3NI32
Gene Names: DHODH
Peptide Sequence: TSVDAAEDYAEGVR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 88.706
Best Match Posterior Error Probability: 0.0013205
Best Match Spectrum:



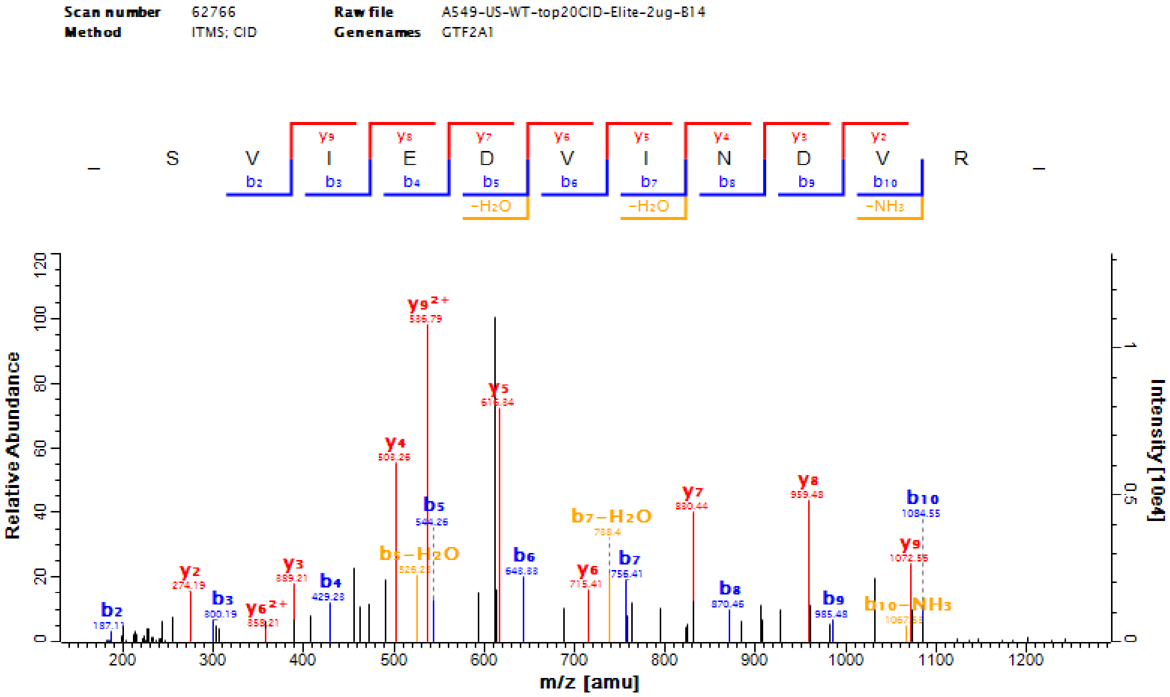
Protein Group ID: 1510
Protein Accession Numbers: J3KN36; Q5JPE7; P69849; Q5JPE7-2; F5H826; Q4G177
Gene Names: NOMO2;NOMO3
Peptide Sequence: LQGVGALGQAASDNSGPEDAK
Total Number of Spectra: 9
Number of Replicates (out of 8): 6
Best Match Score: 223.46
Best Match Posterior Error Probability: 3.15E-60
Best Match Spectrum:



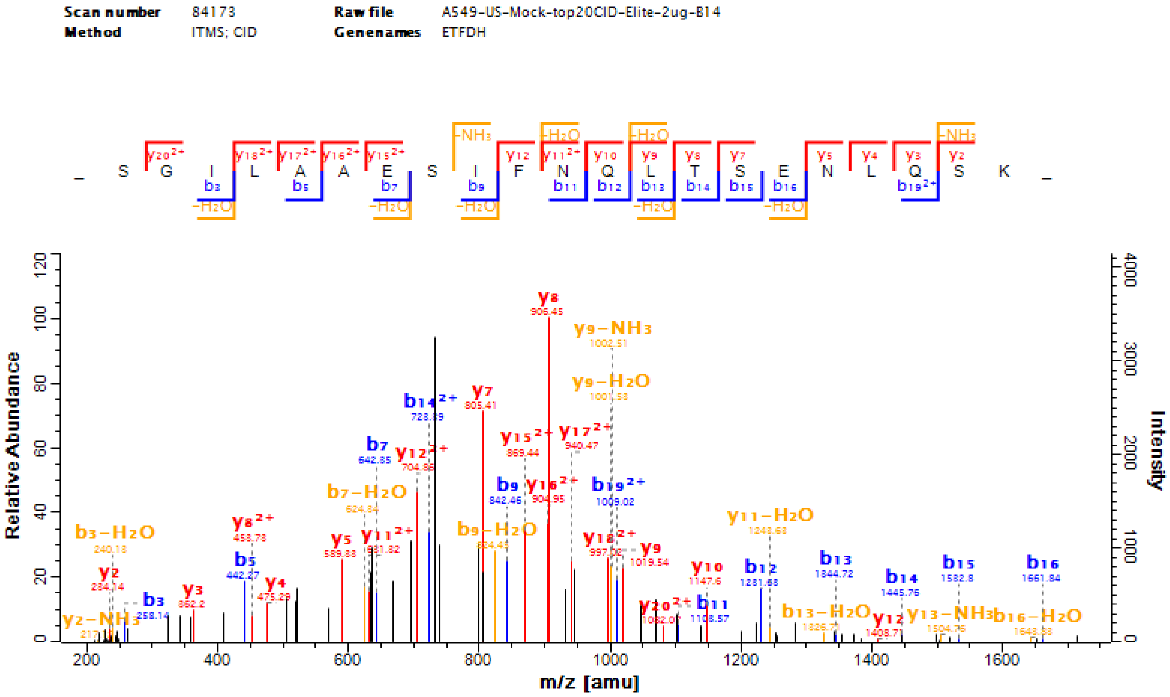
Protein Group ID: 1512
Protein Accession Numbers: Q7Z5G4; J3KQ24; J3KN76
Gene Names: GOLGA7
Peptide Sequence: IYAPQGLLLTDPIER
Total Number of Spectra: 9
Number of Replicates (out of 8): 8
Best Match Score: 146.77
Best Match Posterior Error Probability: 1.27E-06
Best Match Spectrum:



Protein Group ID: 1515
Protein Accession Numbers: P52655; J3KNC0
Gene Names: GTF2A1
Peptide Sequence: SVIEDVINDVR
Total Number of Spectra: 9
Number of Replicates (out of 8): 8
Best Match Score: 134.99
Best Match Posterior Error Probability: 3.77E-05
Best Match Spectrum:

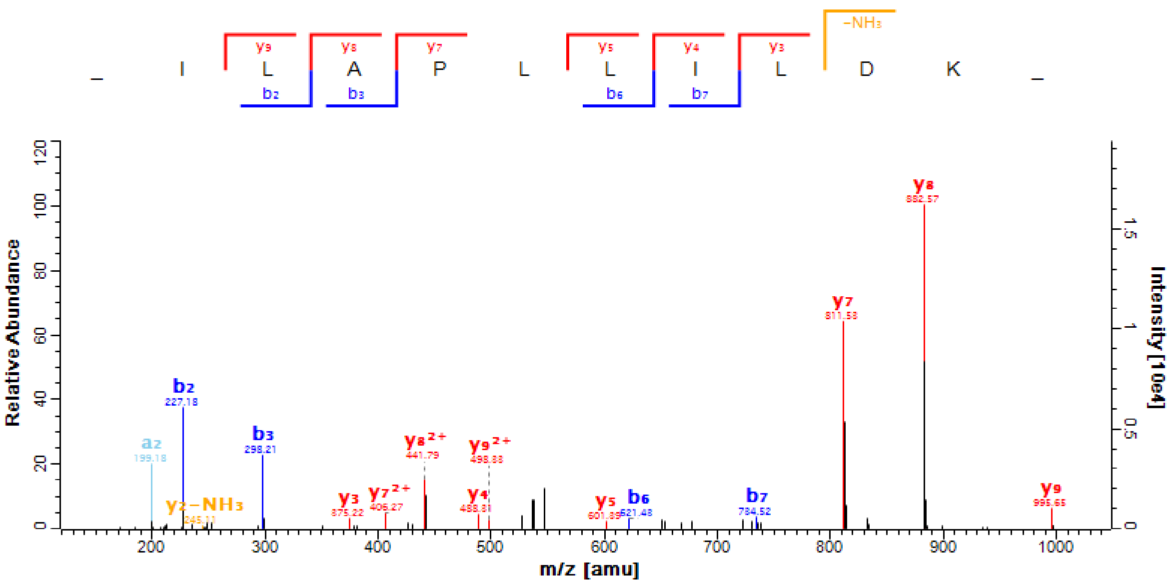


Protein Group ID: 1516
Protein Accession Numbers: Q16134; J3KND9
Gene Names: ETFDH
Peptide Sequence: SGILAAESIFNQLTSENLQSK
Total Number of Spectra: 7
Number of Replicates (out of 8): 6
Best Match Score: 182.82
Best Match Posterior Error Probability: 5.43E-27
Best Match Spectrum:



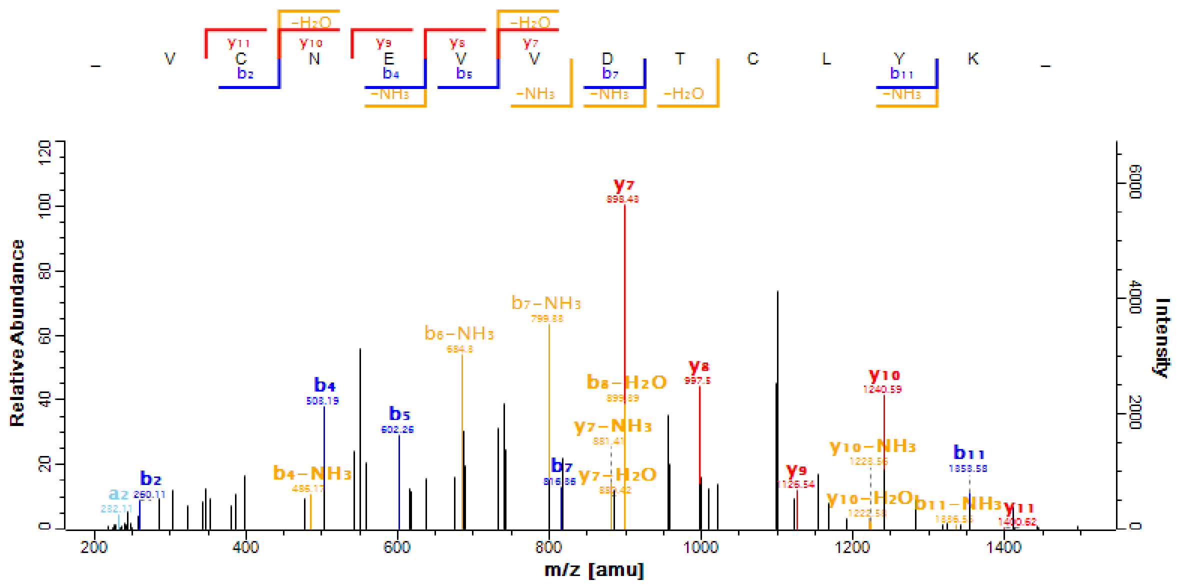
Protein Group ID: 1523
Protein Accession Numbers: J3KNK4; Q9Y587
Gene Names: AP4S1
Peptide Sequence: ILAPLLILDK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 98.249
Best Match Posterior Error Probability: 0.00091571
Best Match Spectrum:

Scan number 72627 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** AP4S1

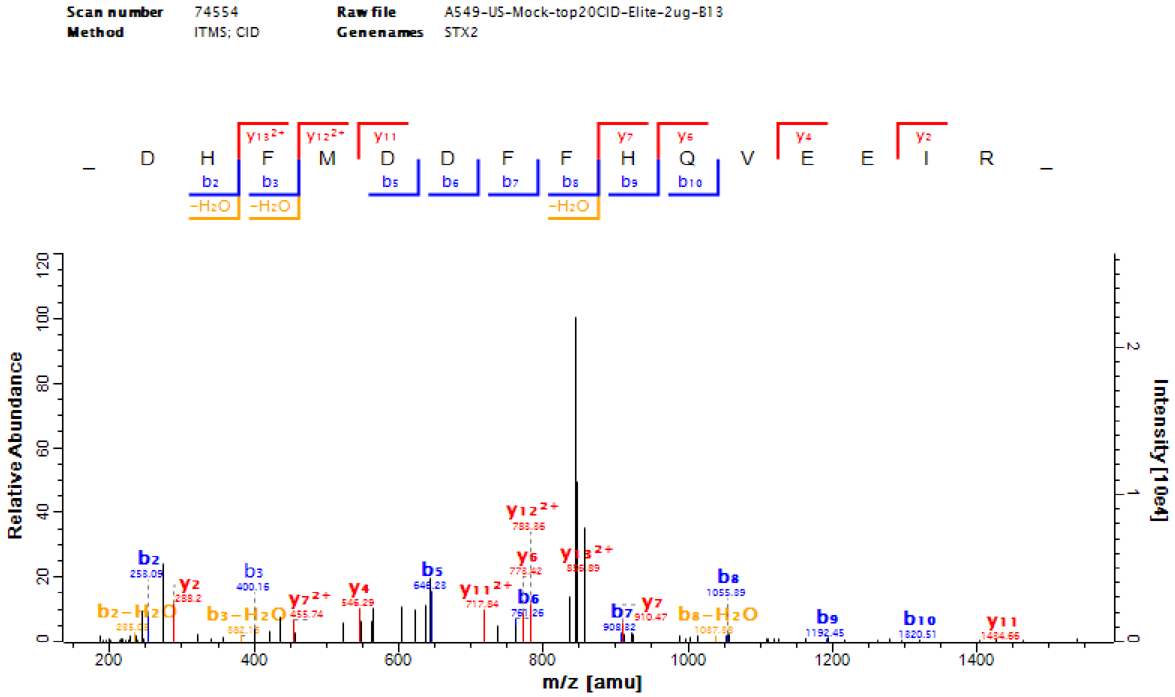


Protein Group ID: 1525
Protein Accession Numbers: J3KNM0; P35813; P35813-2
Gene Names: PPM1A
Peptide Sequence: VCNEVVDTCLYK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 108.72
Best Match Posterior Error Probability: 0.00029906
Best Match Spectrum:

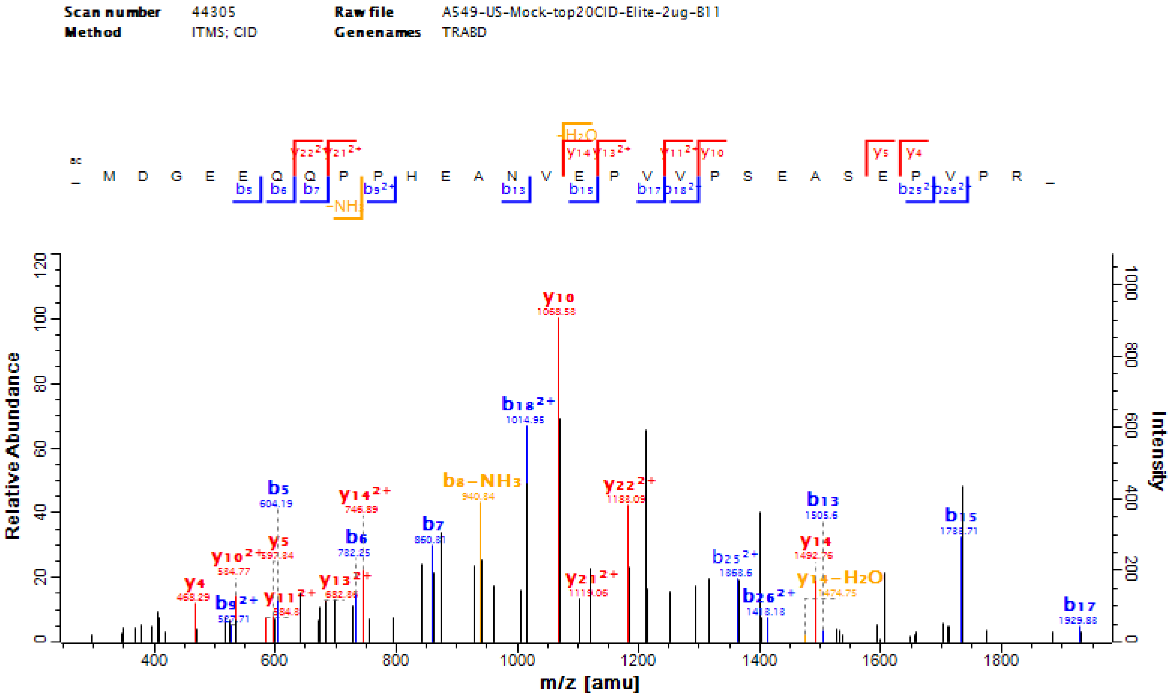
Scan number 33294 **Raw file** A549-US-WT-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** PPM1A



Protein Group ID: 1529
Protein Accession Numbers: P32856; P32856-2; P32856-3; J3KNU7
Gene Names: STX2
Peptide Sequence: DHFMDDFFHQVEEIR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 106.58
Best Match Posterior Error Probability: 0.00015487
Best Match Spectrum:

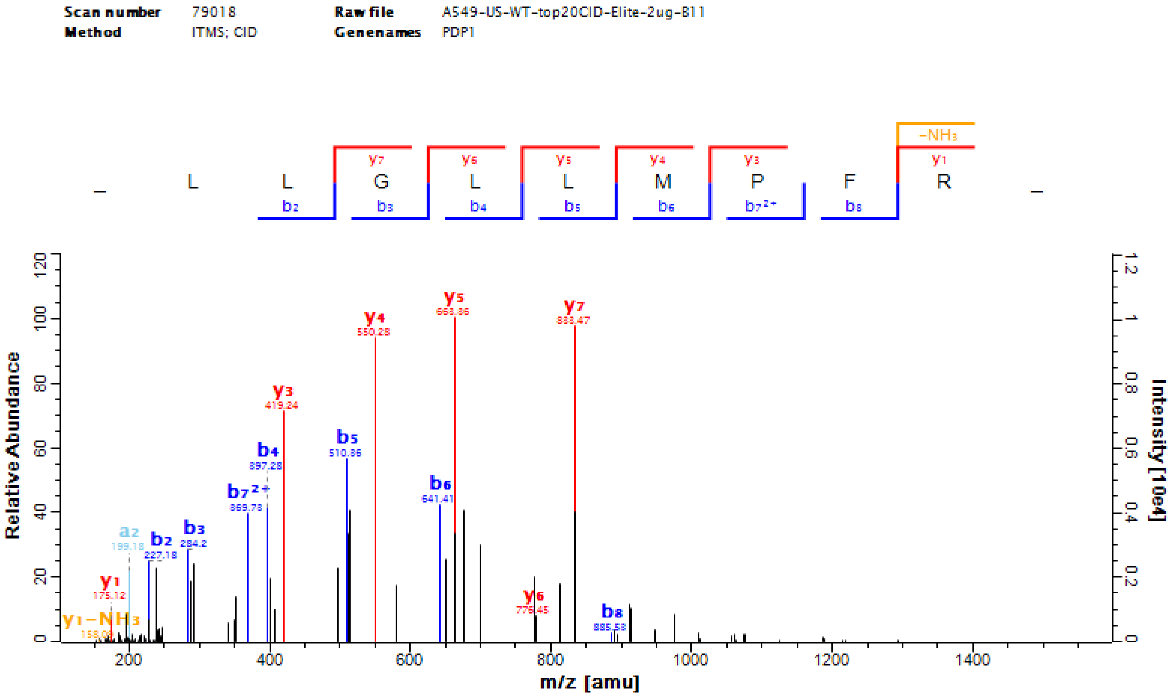


Protein Group ID: 1539
Protein Accession Numbers: J3KPT4; Q9H4I3; Q9H4I3-2
Gene Names: TRABD
Peptide Sequence: MDGEEQQPPHEANVEPVVPSEASEPVPR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 69.981
Best Match Posterior Error Probability: 0.00017647
Best Match Spectrum:



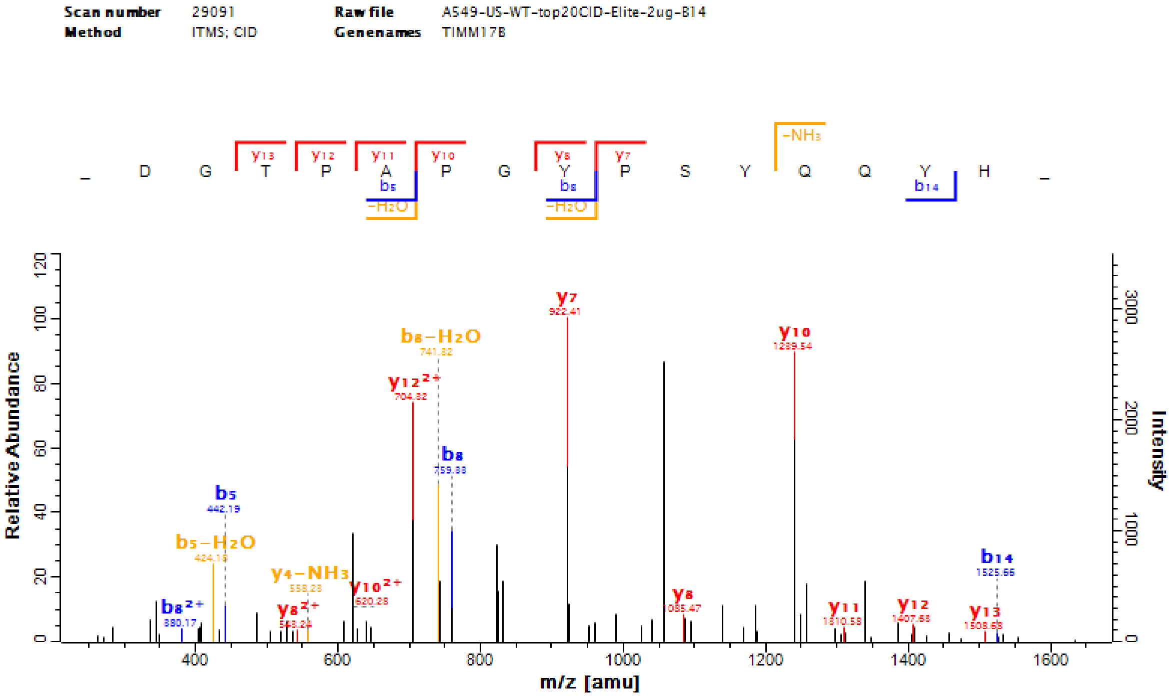
Scan number 44305
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B11
Genenames TRABD

Protein Group ID: 1540
Protein Accession Numbers: J3KPU0; Q9P0J1
Gene Names: PDP1
Peptide Sequence: LLGLLMPFR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 109.86
Best Match Posterior Error Probability: 0.00099556
Best Match Spectrum:

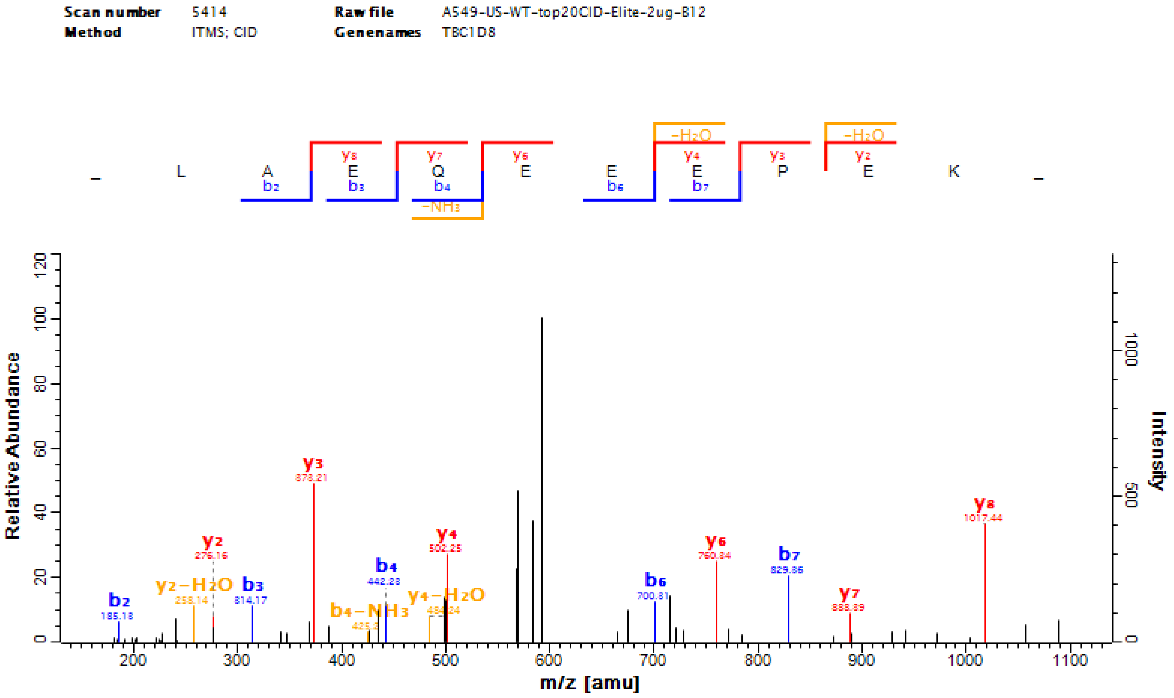


Scan number 79018 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** PDP1

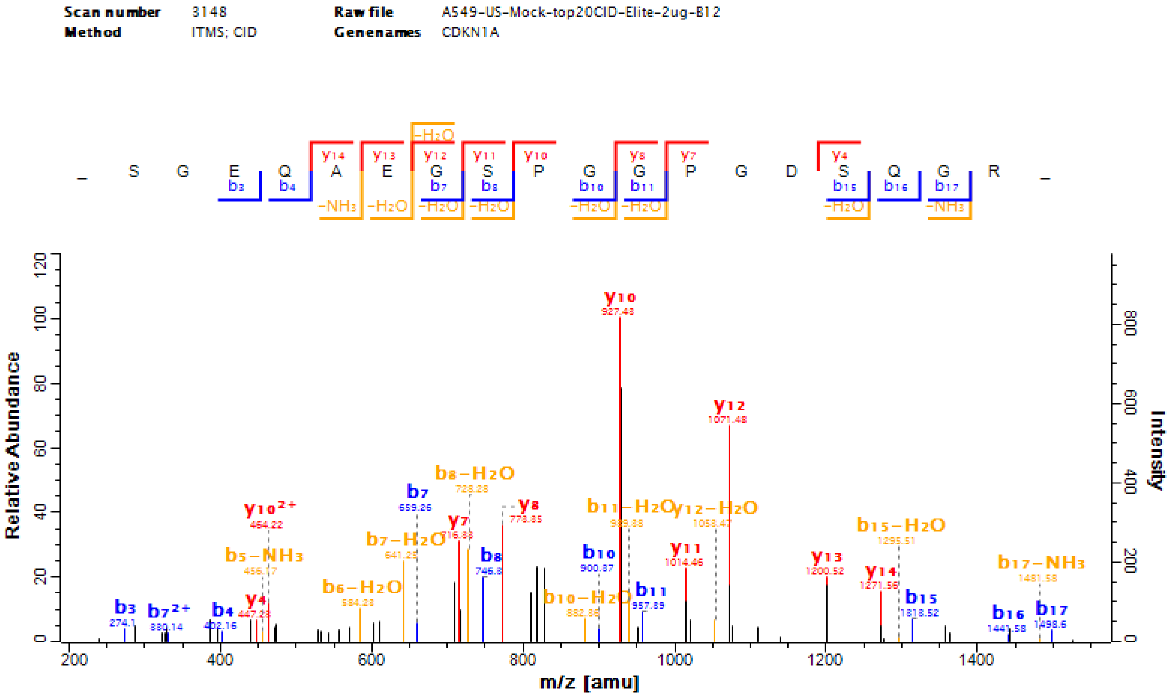
Protein Group ID: 1541
Protein Accession Numbers: J3KPV3; O60830
Gene Names: TIMM17B
Peptide Sequence: DGTPAPGYPSYQQYH
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 107.14
Best Match Posterior Error Probability: 0.00015065
Best Match Spectrum:



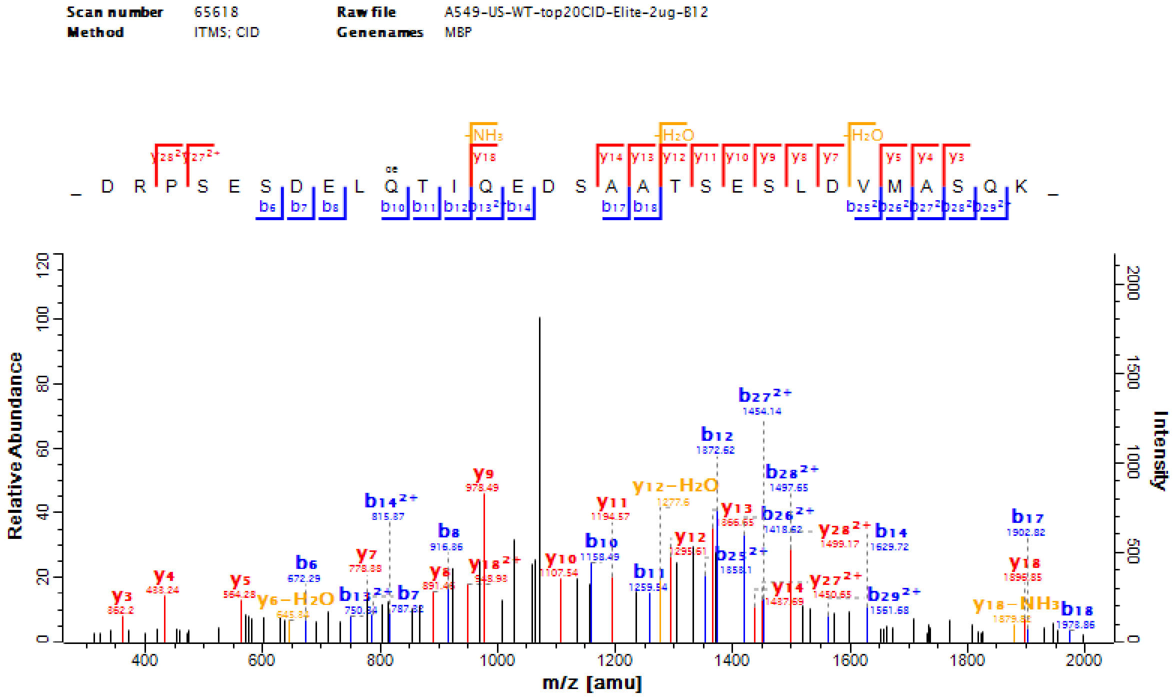
Protein Group ID: 1548
Protein Accession Numbers: J3KQ40; O95759
Gene Names: TBC1D8
Peptide Sequence: LAEQEEEPEK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 89.548
Best Match Posterior Error Probability: 0.0020368
Best Match Spectrum:



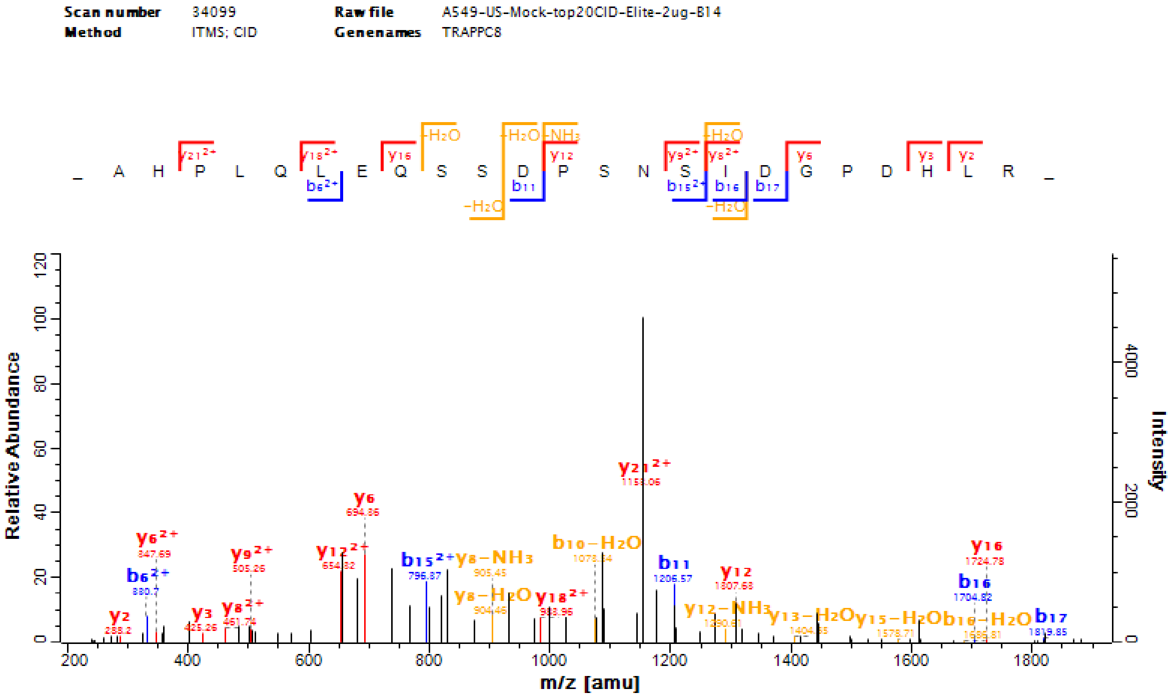
Protein Group ID: 1559
Protein Accession Numbers: J3KQV0; P38936
Gene Names: CDKN1A
Peptide Sequence: SGEQAEGSPGGPGDSQGR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 117.3
Best Match Posterior Error Probability: 5.52E-05
Best Match Spectrum:



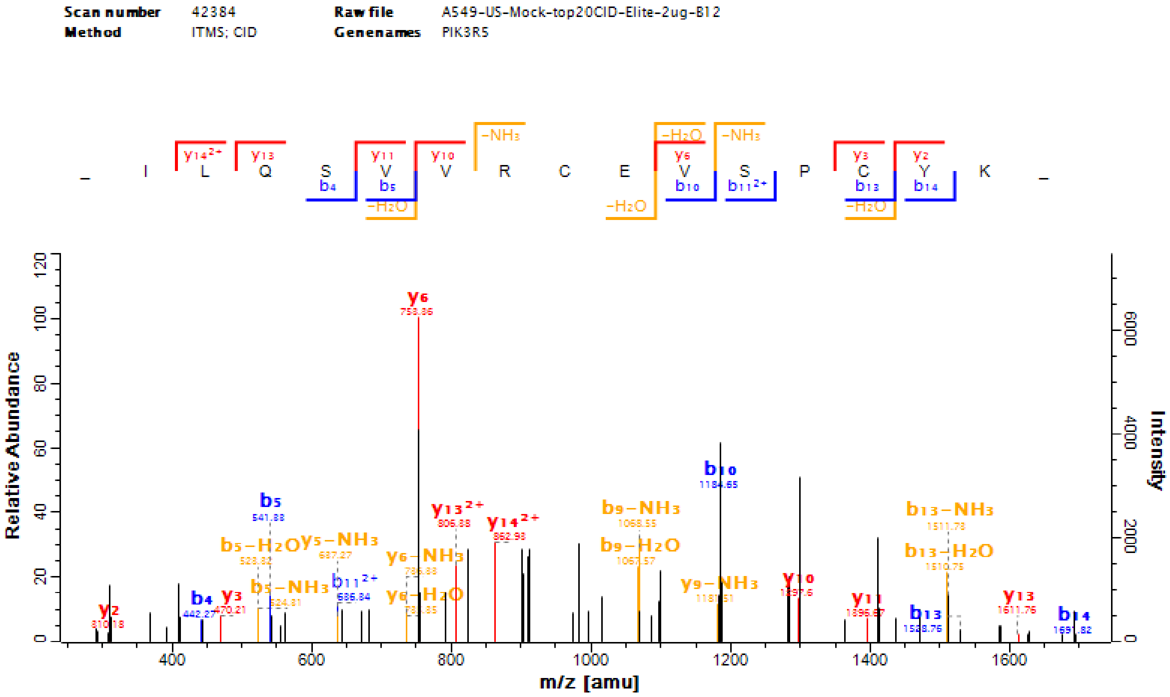
Protein Group ID: 1567
Protein Accession Numbers: P02686; J3QQK6; P02686-2; J3KS94
Gene Names: MBP
Peptide Sequence: DRPSESDELQTIQEDSAATSESLDVMASQK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 103.04
Best Match Posterior Error Probability: 2.32E-06
Best Match Spectrum:



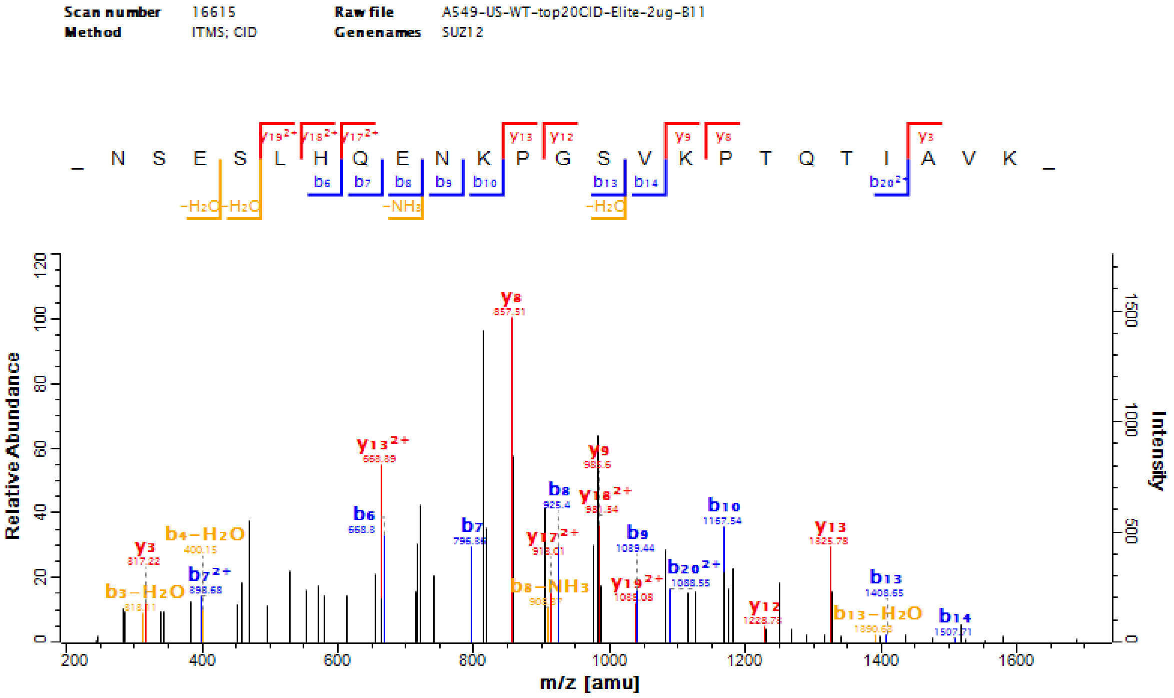
Protein Group ID: 1568
Protein Accession Numbers: Q9Y2L5; J3QQJ5; Q9Y2L5-2; J3KSL8; J3QSA1
Gene Names: TRAPPC8
Peptide Sequence: AHPLQLEQSSDPSNSIDGPDHLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 69.763
Best Match Posterior Error Probability: 0.00068626
Best Match Spectrum:



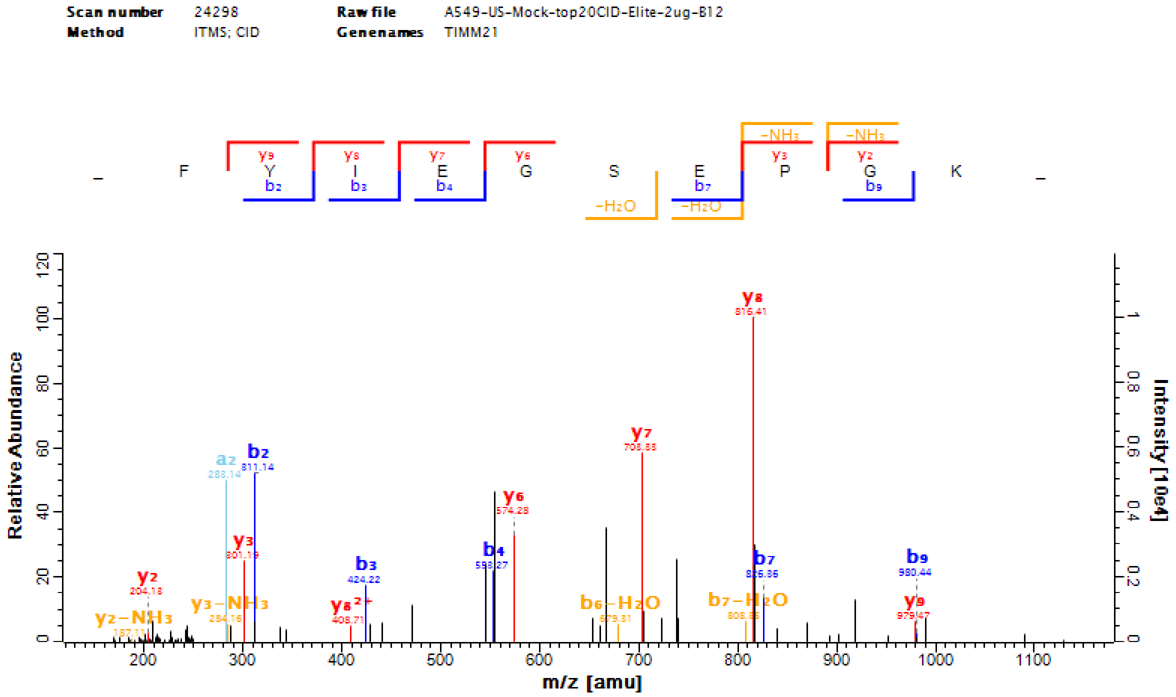
Protein Group ID: 1569
Protein Accession Numbers: Q8WYR1; J3KSW1; Q8WYR1-2
Gene Names: PIK3R5
Peptide Sequence: ILQSVVRCEVSPCYK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 94.717
Best Match Posterior Error Probability: 0.002263
Best Match Spectrum:



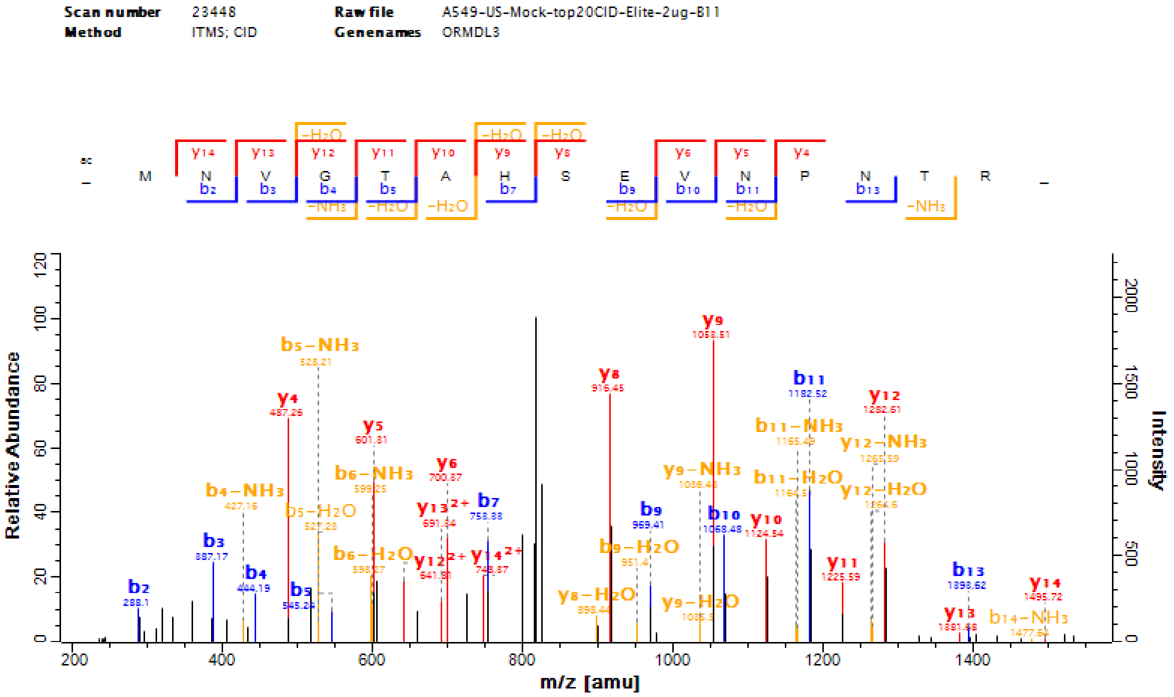
Protein Group ID: 1583
Protein Accession Numbers: Q15022; J3QQW9
Gene Names: SUZ12
Peptide Sequence: NSESLHQENKPGSVKPTQTIAVK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 80.303
Best Match Posterior Error Probability: 0.0022941
Best Match Spectrum:



Protein Group ID: 1587
Protein Accession Numbers: Q9BVV7; J3QRI1
Gene Names: TIMM21
Peptide Sequence: FYIEGSEPGK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 96.143
Best Match Posterior Error Probability: 0.001187
Best Match Spectrum:

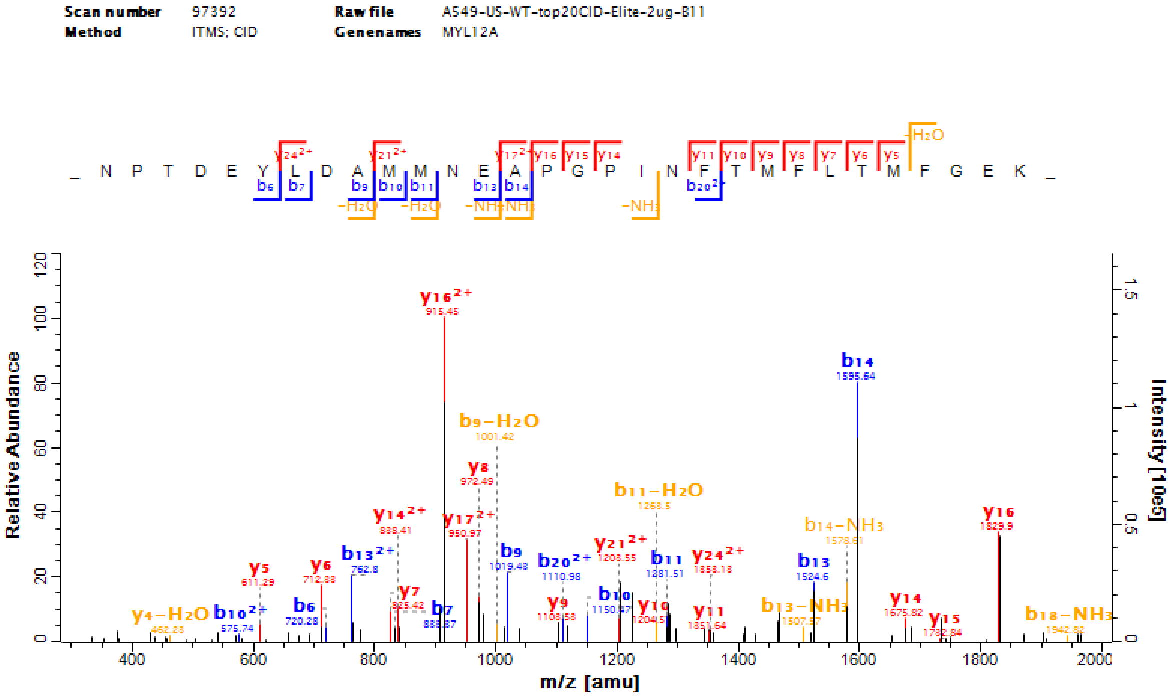


Protein Group ID: 1588
Protein Accession Numbers: Q8N138; Q8N138-4; J3QRM9
Gene Names: ORMDL3
Peptide Sequence: MNVGTAHSEVNPNTR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 198.87
Best Match Posterior Error Probability: 1.54E-28
Best Match Spectrum:



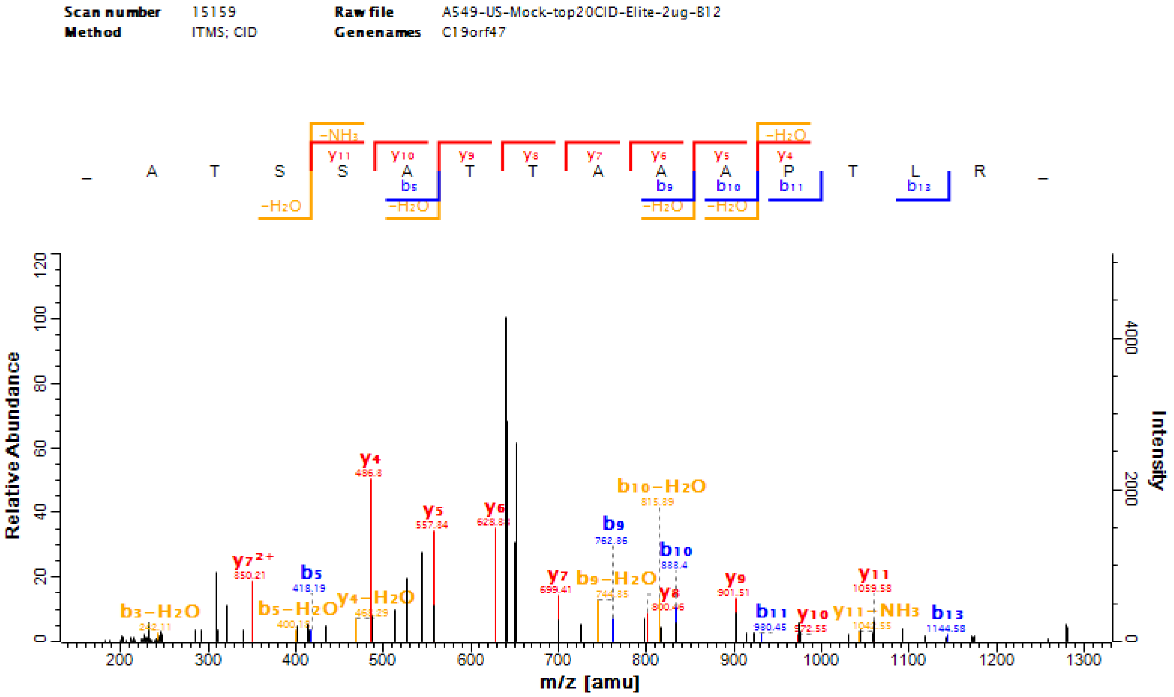
Scan number 23448
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B11
Genenames ORMDL3

Protein Group ID: 1589
Protein Accession Numbers: J3QRS3; P19105; J3KTJ1
Gene Names: MYL12A
Peptide Sequence: NPTDEYLDAMMNEAPGPINFTMFLTMFGEK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 100.17
Best Match Posterior Error Probability: 9.42E-10
Best Match Spectrum:

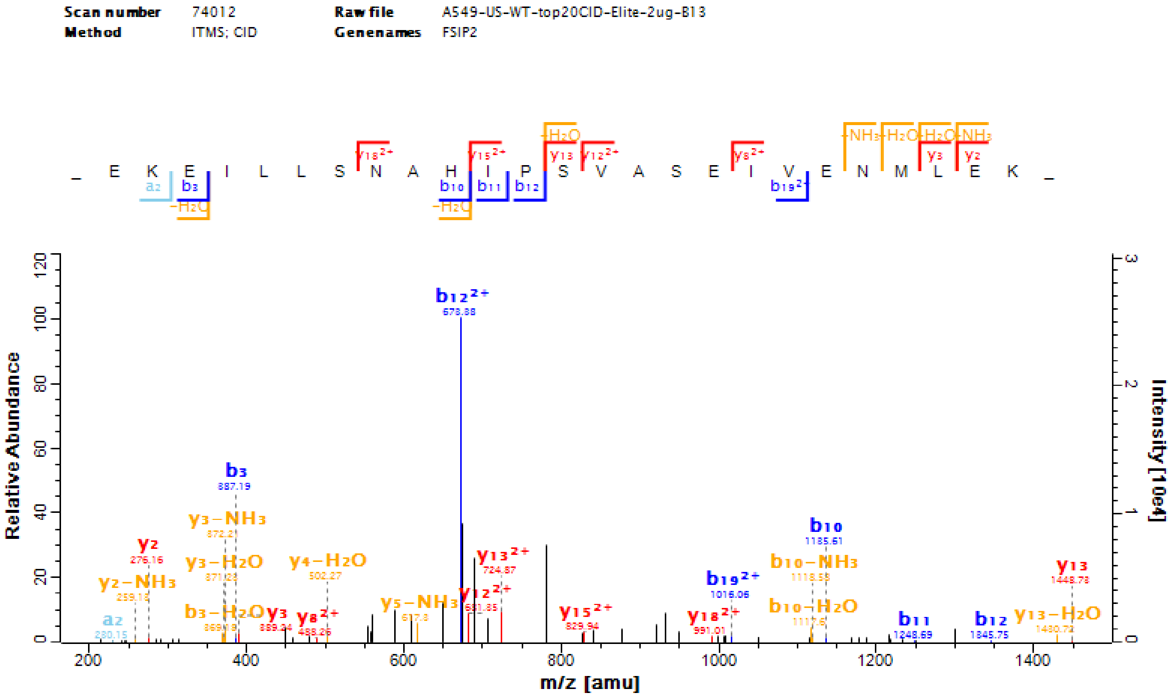


Scan number 97392
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B11
Genenames MYL12A

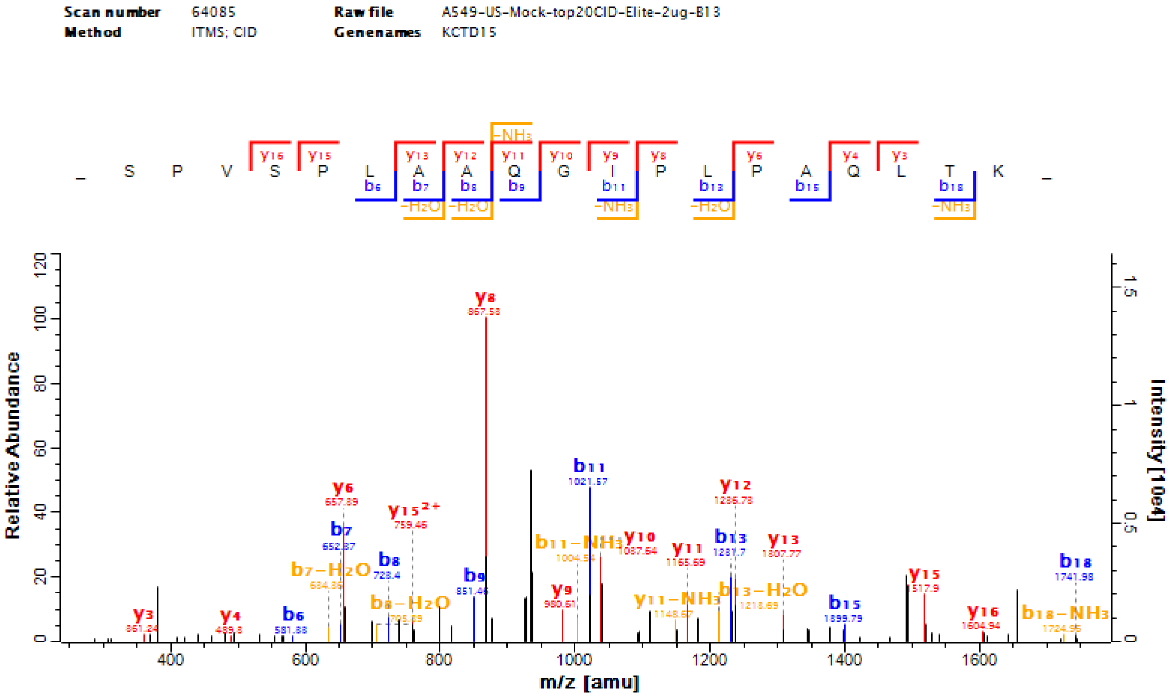
Protein Group ID: 1592
Protein Accession Numbers: Q8N9M1; Q8N9M1-2; Q8N9M1-3; J3QS80
Gene Names: C19orf47
Peptide Sequence: ATSSATTAAAPTLR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 89.507
Best Match Posterior Error Probability: 0.0012443
Best Match Spectrum:



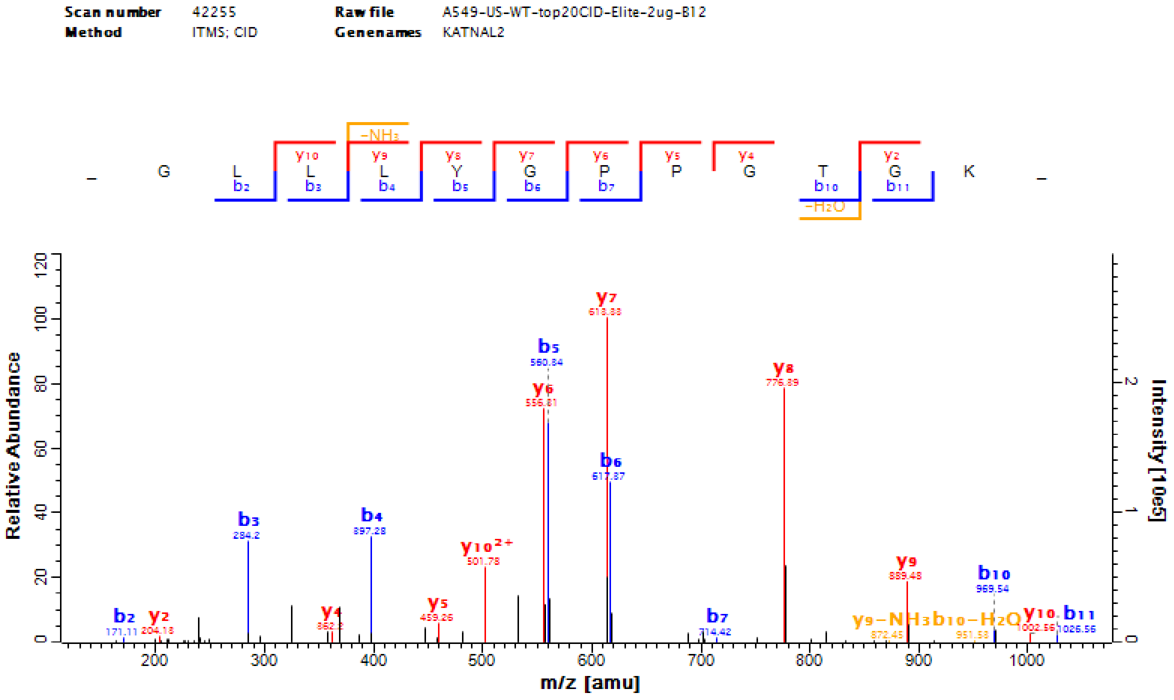
Protein Group ID: 1600
Protein Accession Numbers: J3QTJ6; Q5CZC0; Q5CZC0-2
Gene Names: FSIP2
Peptide Sequence: EKEILLSNAHIPSVASEIVENMLEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 70.072
Best Match Posterior Error Probability: 0.0017736
Best Match Spectrum:



Protein Group ID: 1605
Protein Accession Numbers: Q96SI1; Q96SI1-2; K7EN63; K7EM48; K7EQS3; K7EPF0; K7EIF1
Gene Names: KCTD15
Peptide Sequence: SPVSPLAAQGIPLPAQLTK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 101.49
Best Match Posterior Error Probability: 0.00012862
Best Match Spectrum:

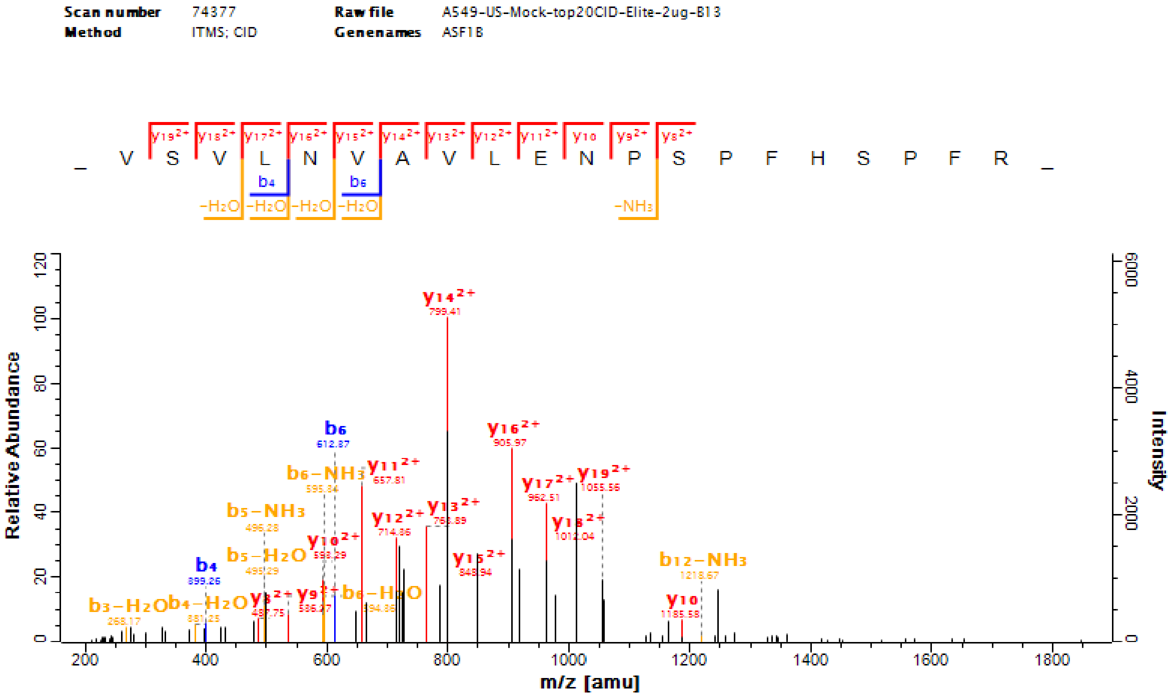


Protein Group ID: 1606
Protein Accession Numbers: Q8IYT4; Q8IYT4-2; K7EIJ8; K7EM02
Gene Names: KATNAL2
Peptide Sequence: GLLLYGPPGTGK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 122.7
Best Match Posterior Error Probability: 0.00010371
Best Match Spectrum:



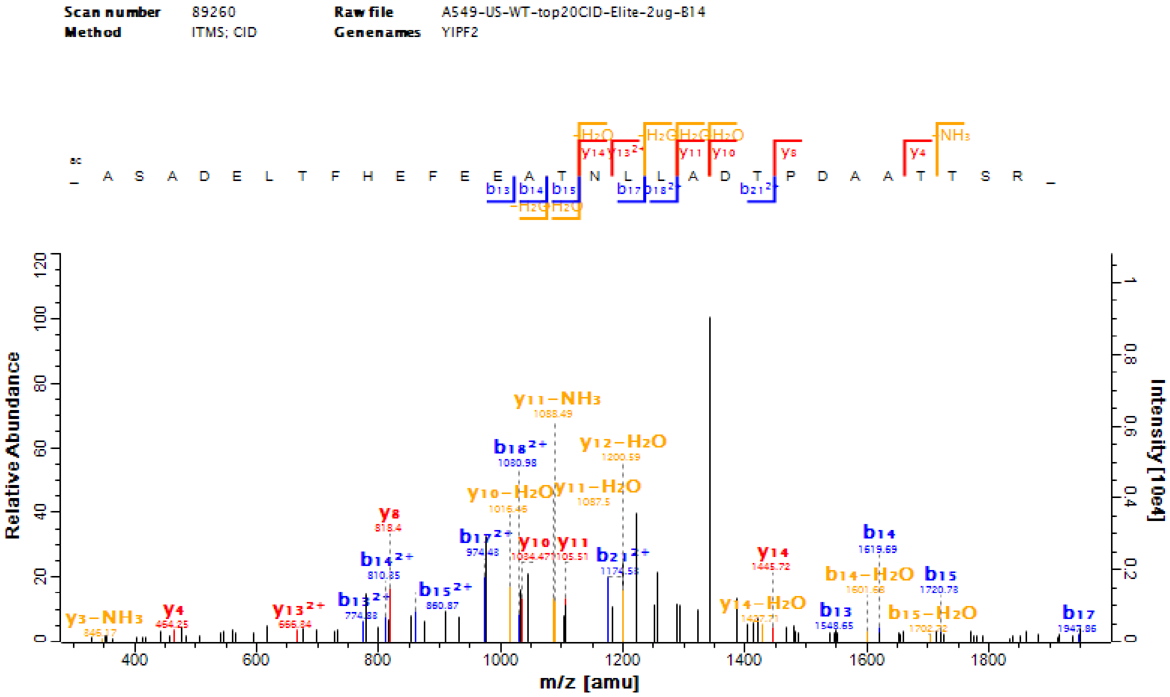
Scan number 42255 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** KATNAL2

Protein Group ID: 1607
Protein Accession Numbers: Q9NVP2; K7ELW9; K7ES22; K7EIL9; K7EM93
Gene Names: ASF1B
Peptide Sequence: VSVLNVAVLENPSPFHSPFR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 80.387
Best Match Posterior Error Probability: 0.0005213
Best Match Spectrum:

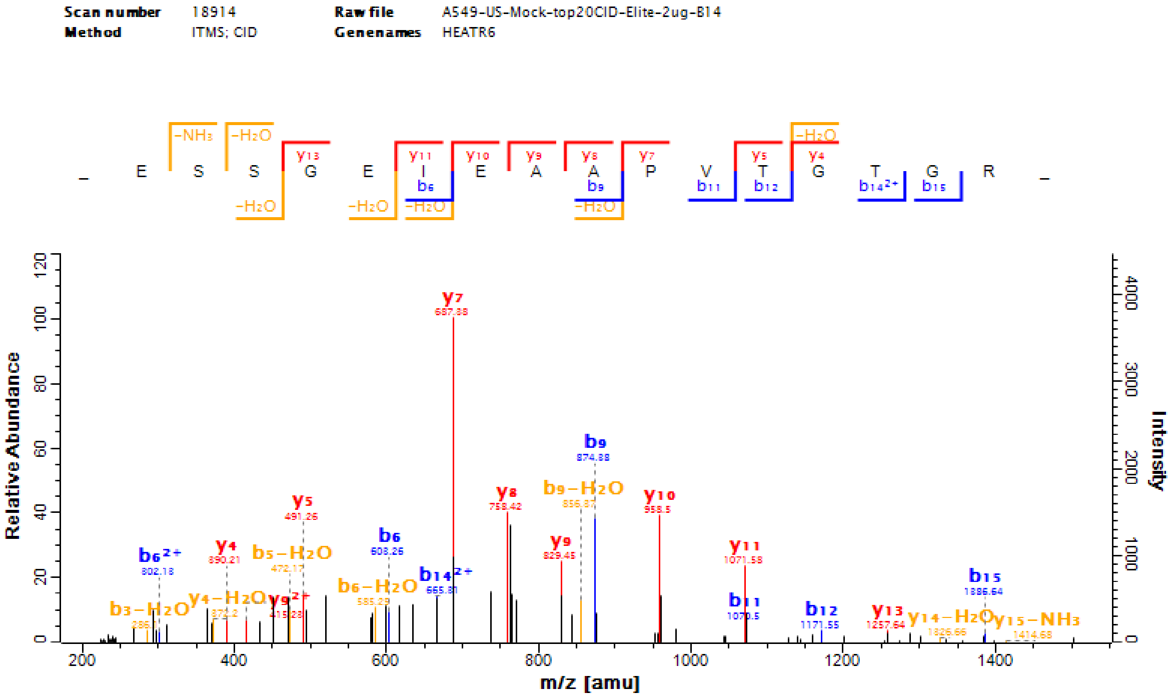


Scan number 74377 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** ASF1B

Protein Group ID: 1609
Protein Accession Numbers: Q9BWQ6; K7ENM8; K7ERW0; K7EIP7
Gene Names: YIPF2
Peptide Sequence: ASADELTFHEFEEATNLLADTPDAATTSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 58.332
Best Match Posterior Error Probability: 0.00087819
Best Match Spectrum:

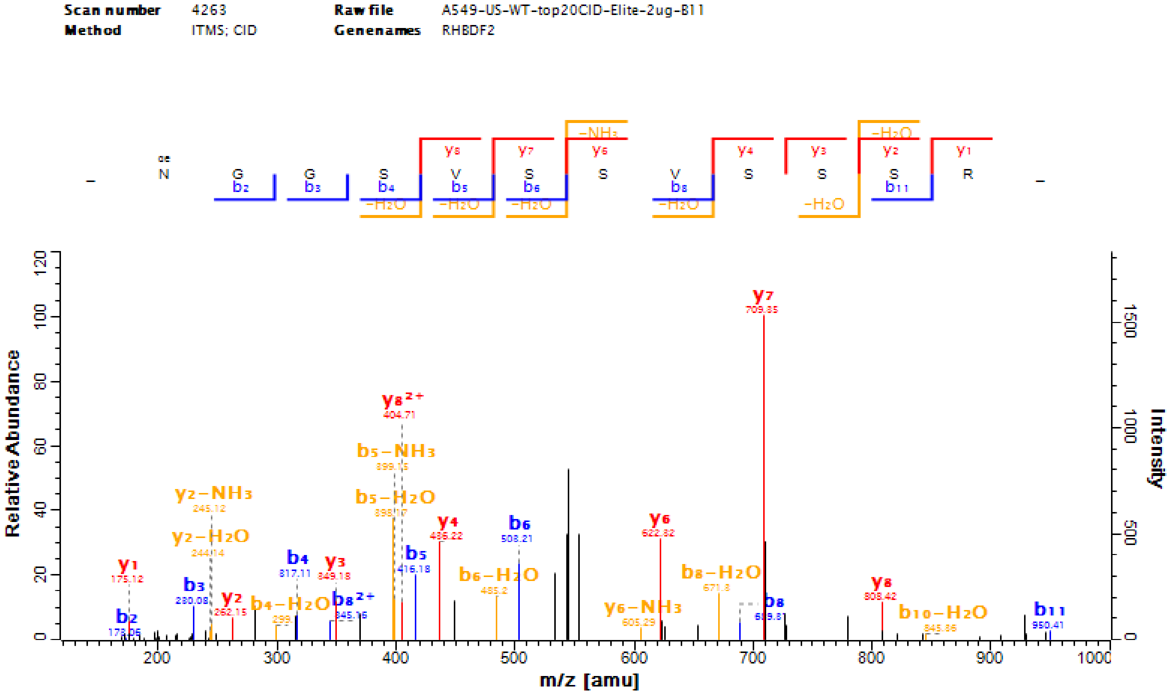


Protein Group ID: 1612
Protein Accession Numbers: Q6AI08; K7EIX2; K7ELR8
Gene Names: HEATR6
Peptide Sequence: ESSGEIEAAPVTGTGR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 86.497
Best Match Posterior Error Probability: 0.00084114
Best Match Spectrum:

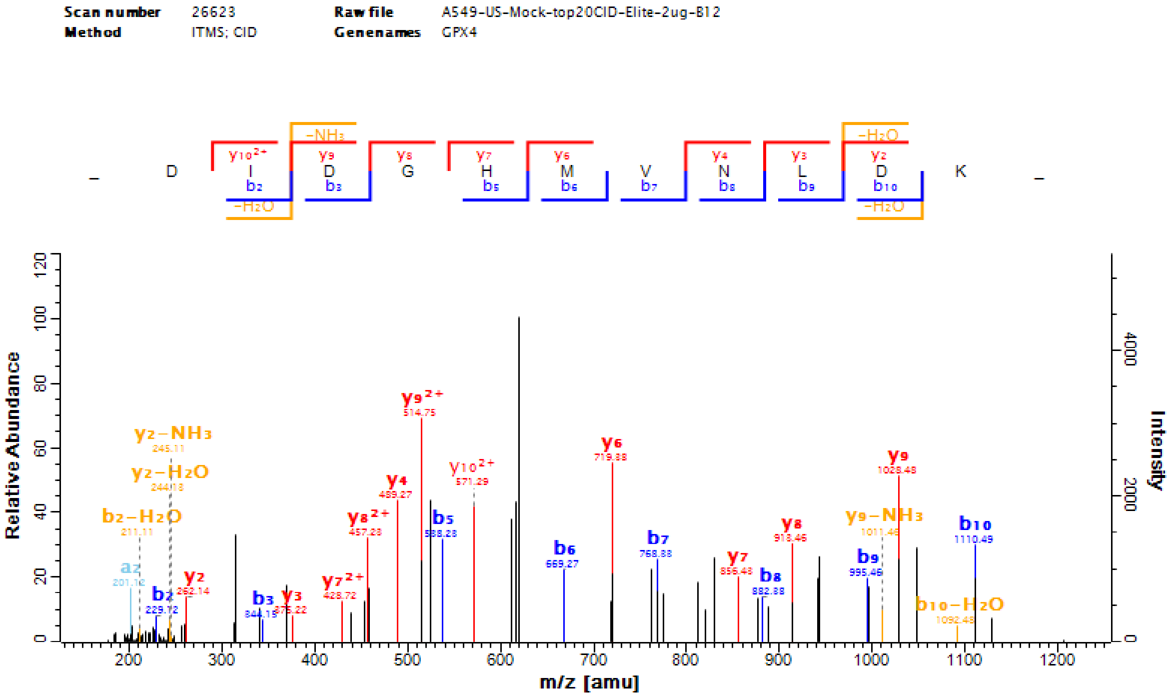


Scan number 18914 Raw file A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID Genenames HEATR6

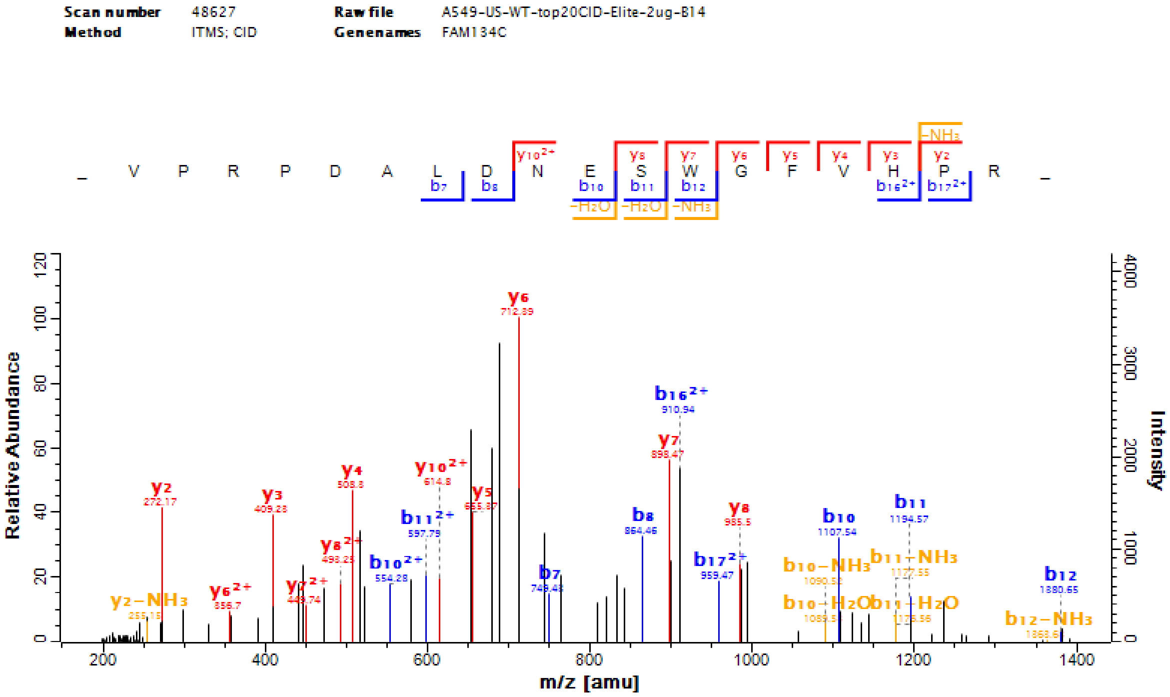
Protein Group ID: 1613
Protein Accession Numbers: Q6PJF5; Q6PJF5-2; K7EPV3; K7EKI1; K7EQ53; K7EIY3; K7EKA3; K7EQT5; K7EJ10; K7ELA9
Gene Names: RHBDF2
Peptide Sequence: NGGSVSSVSSSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 118.76
Best Match Posterior Error Probability: 0.00073596
Best Match Spectrum:



Protein Group ID: 1614
Protein Accession Numbers: K7EJ20; P36969; K7EKX7; P36969-2; K7ENB4; K7ERP4
Gene Names: GPX4
Peptide Sequence: DIDGHMVNLDK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 136.53
Best Match Posterior Error Probability: 3.36E-05
Best Match Spectrum:

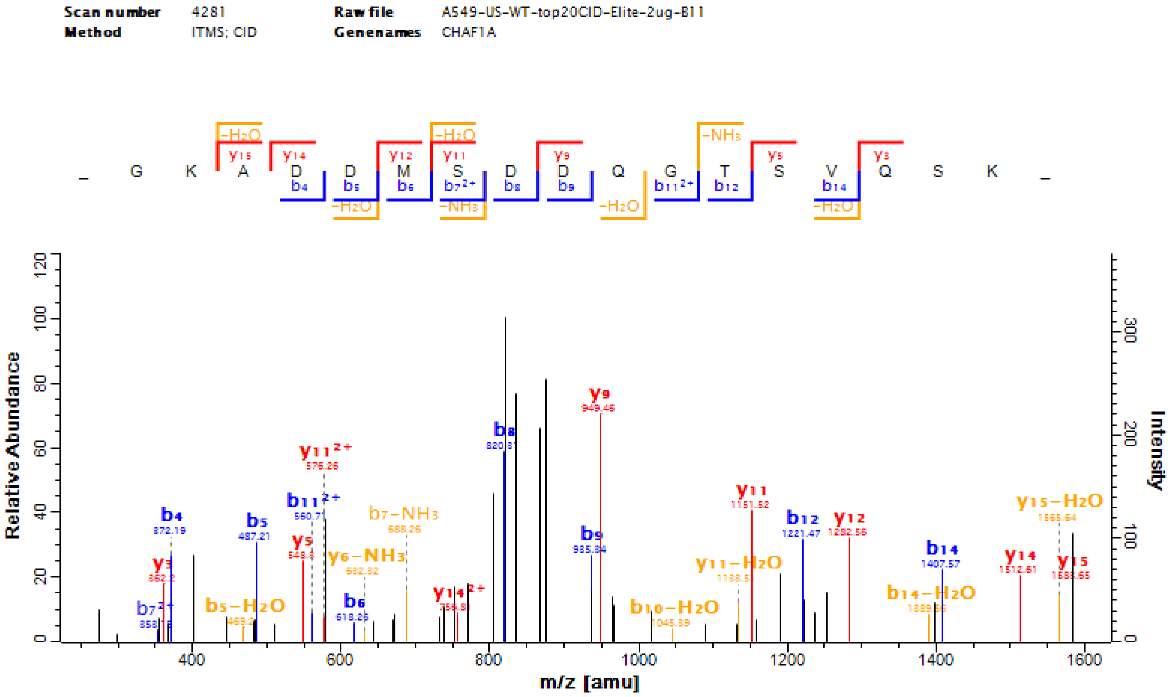


Protein Group ID: 1615
Protein Accession Numbers: Q86VR2; K7EQI9; K7EJ42; K7EPD0
Gene Names: FAM134C
Peptide Sequence: VPRPDALDNESWGFVHPR
Total Number of Spectra: 7
Number of Replicates (out of 8): 6
Best Match Score: 128.71
Best Match Posterior Error Probability: 0.00019335
Best Match Spectrum:

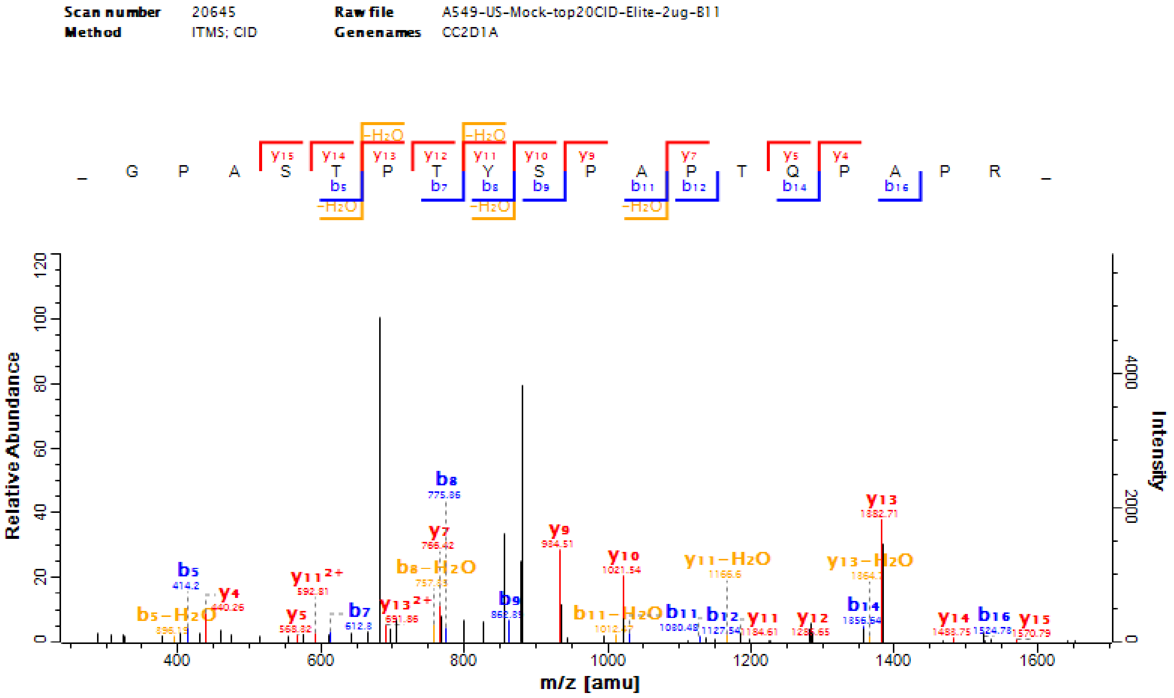


Scan number 48627
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B14
Genenames FAM134C

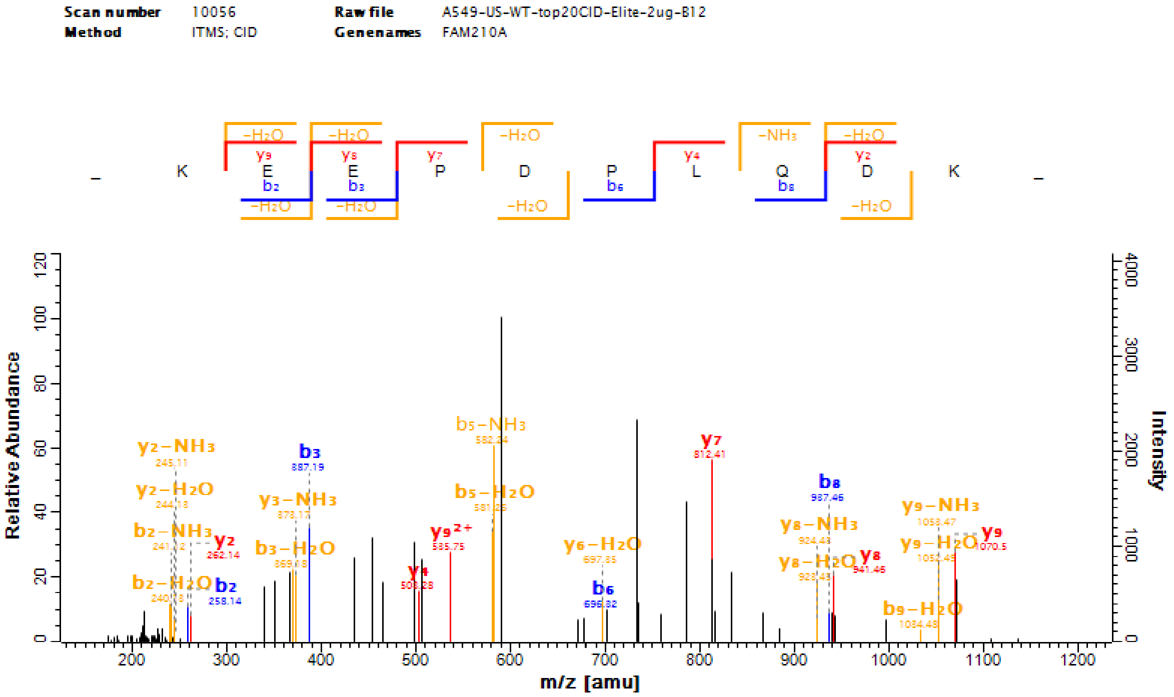
Protein Group ID: 1617
Protein Accession Numbers: Q13111; Q13111-3; Q13111-2; K7EJF1
Gene Names: CHAF1A
Peptide Sequence: GKADDMSDDQGTSVQSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 93.226
Best Match Posterior Error Probability: 0.0015502
Best Match Spectrum:



Protein Group ID: 1619
Protein Accession Numbers: Q6P1N0; Q6P1N0-2; K7EJY5
Gene Names: CC2D1A
Peptide Sequence: GPASTPTYSPAPTQPAPR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 106.28
Best Match Posterior Error Probability: 0.00010039
Best Match Spectrum:

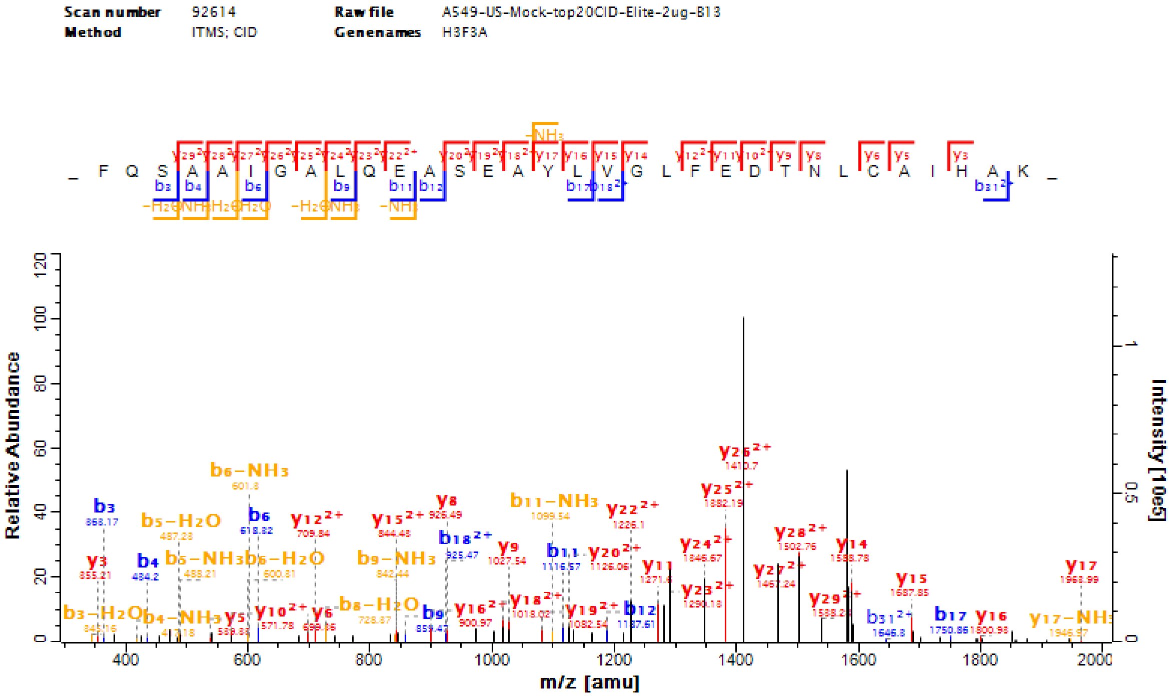


Protein Group ID: 1620
Protein Accession Numbers: Q96ND0; K7EK00; K7ERQ2
Gene Names: FAM210A
Peptide Sequence: KEEPDPLQDK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 112.83
Best Match Posterior Error Probability: 0.00063548
Best Match Spectrum:



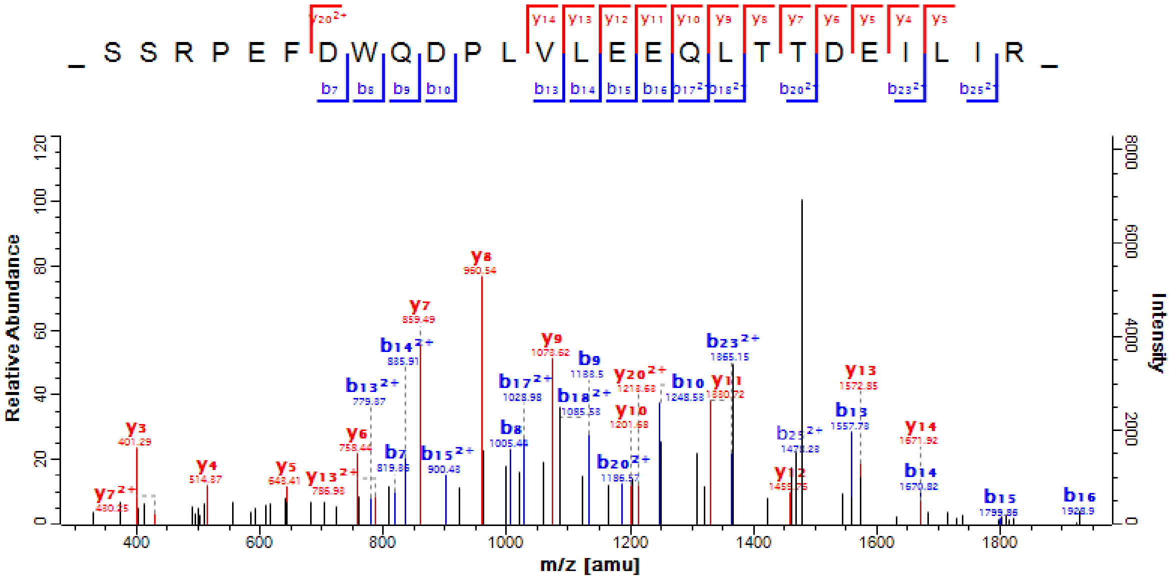
Scan number 10056 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** FAM210A

Protein Group ID: 1621
Protein Accession Numbers: P84243; K7EK07
Gene Names: H3F3A
Peptide Sequence: FQSAAIGALQEASEAYLVGLFEDTNLCAIHAK
Total Number of Spectra: 18
Number of Replicates (out of 8): 8
Best Match Score: 167.67
Best Match Posterior Error Probability: 1.25E-55
Best Match Spectrum:

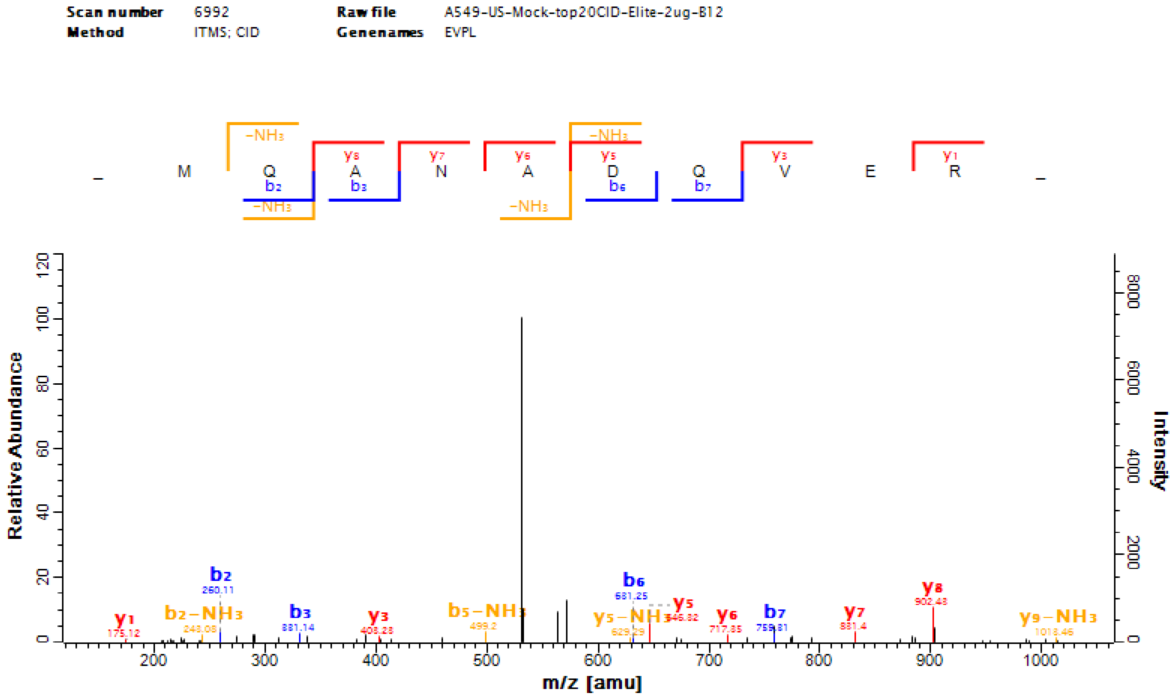


Protein Group ID: 1624
Protein Accession Numbers: Q92947; Q92947-2; K7ERX1; K7EKH1; K7ES74
Gene Names: GCDH
Peptide Sequence: SSRPEFDWQDPLVLEEQLTTDEILIR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 107.03
Best Match Posterior Error Probability: 1.35E-07
Best Match Spectrum:

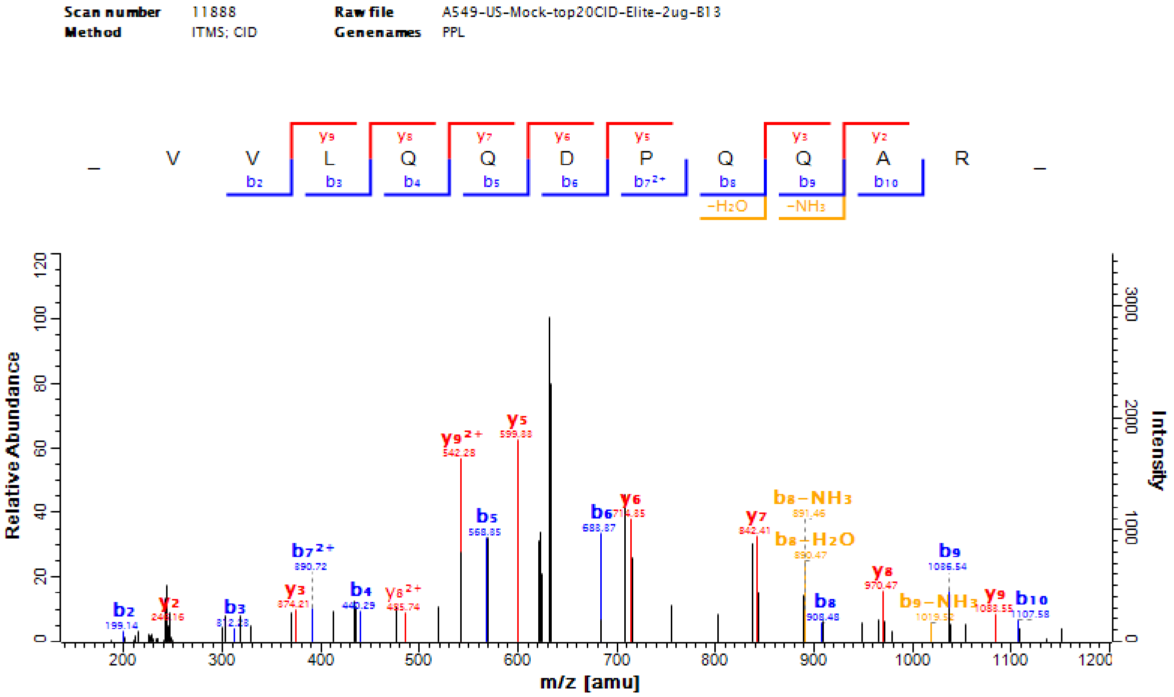
Scan number	88016	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	GCDH



Protein Group ID: 1625
Protein Accession Numbers: K7EKI0; Q92817
Gene Names: EVPL
Peptide Sequence: MQANADQVER
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 84.658
Best Match Posterior Error Probability: 0.003286
Best Match Spectrum:

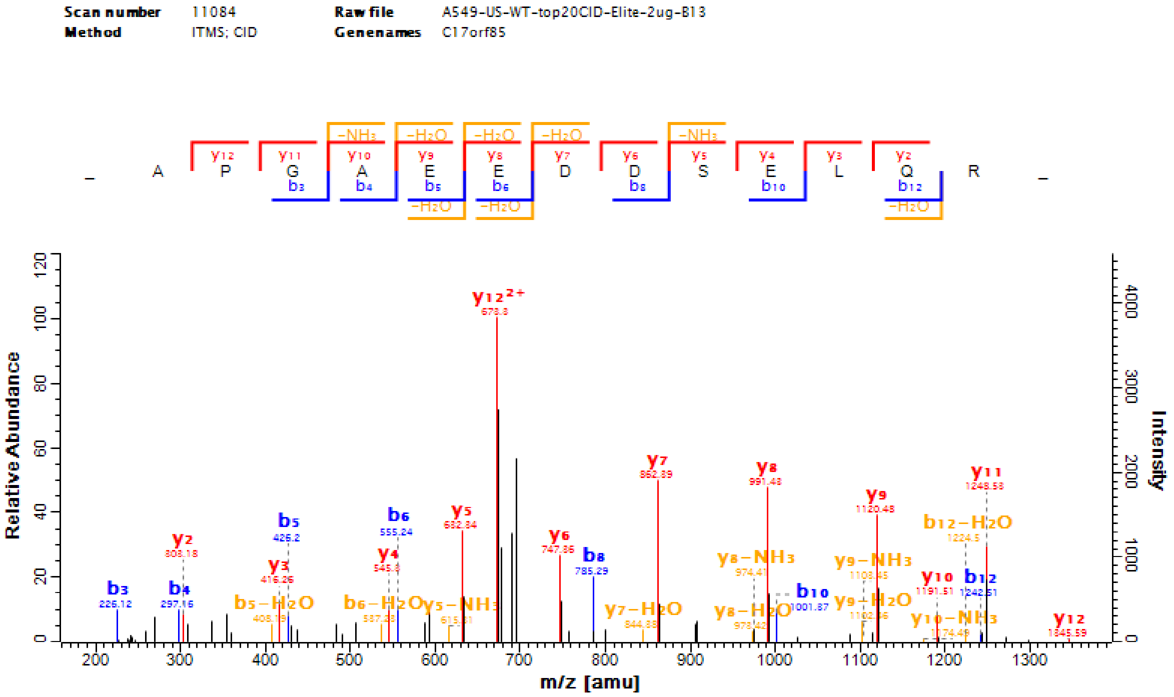


Protein Group ID: 1626
Protein Accession Numbers: O60437; K7EKI8; K7EQ71
Gene Names: PPL
Peptide Sequence: VVLQQDPQQAR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 127.87
Best Match Posterior Error Probability: 4.28E-05
Best Match Spectrum:

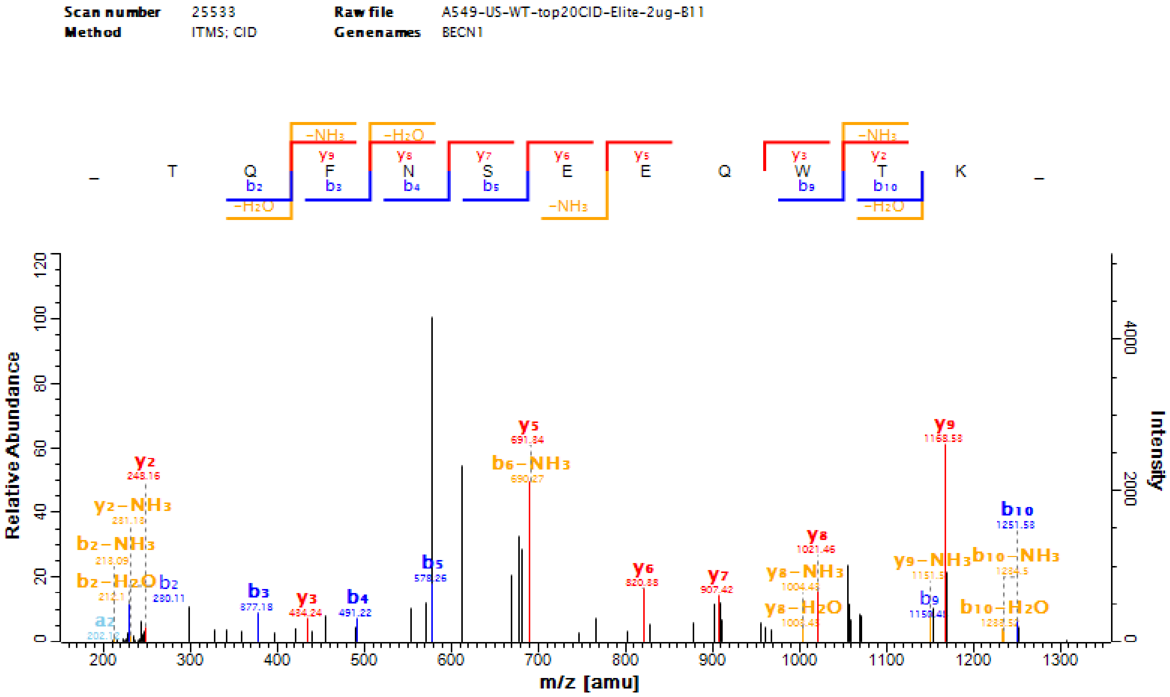


Scan number 11888
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B13
Genenames PPL

Protein Group ID: 1632
Protein Accession Numbers: Q53F19; Q53F19-2; K7ELP6
Gene Names: C17orf85
Peptide Sequence: APGAEEDDSELQR
Total Number of Spectra: 9
Number of Replicates (out of 8): 7
Best Match Score: 181.98
Best Match Posterior Error Probability: 9.81E-18
Best Match Spectrum:



Protein Group ID: 1636
Protein Accession Numbers: Q14457; K7ER46; K7EMA2
Gene Names: BECN1
Peptide Sequence: TQFNSEEQWTK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.43
Best Match Posterior Error Probability: 0.0015369
Best Match Spectrum:



Protein Group ID: 1638

Protein Accession Numbers: O75298; Q7RTN0; K7EMR7

Gene Names: RTN2

Peptide Sequence: TSLLLAVYK

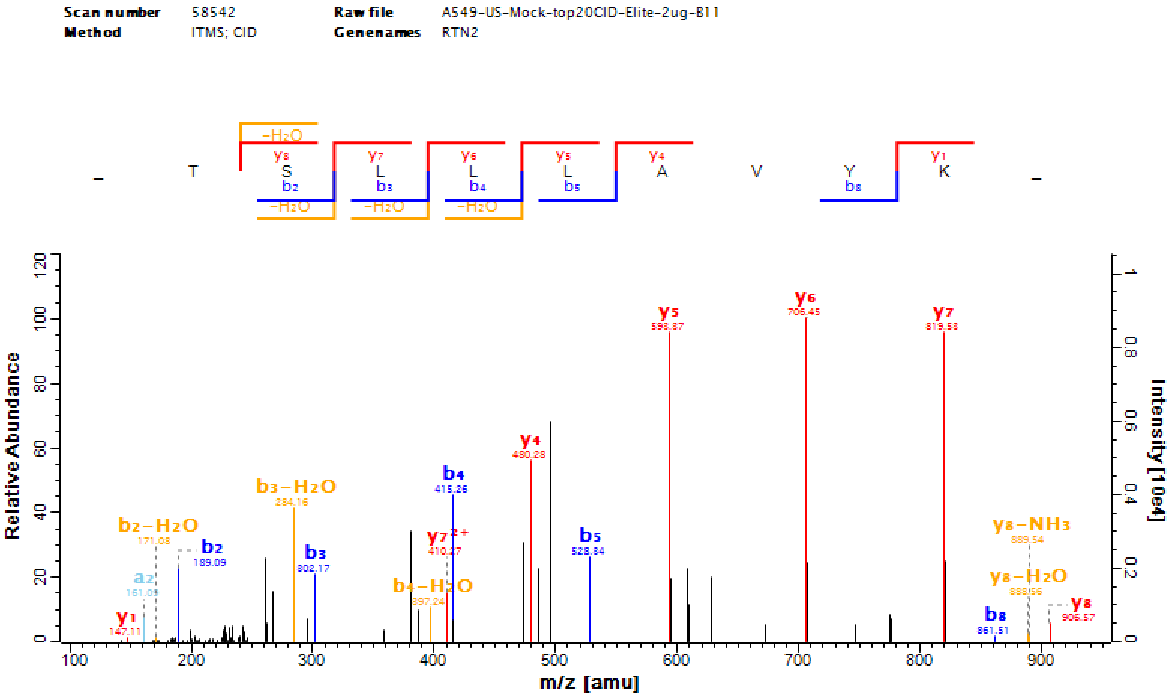
Total Number of Spectra: 5

Number of Replicates (out of 8): 5

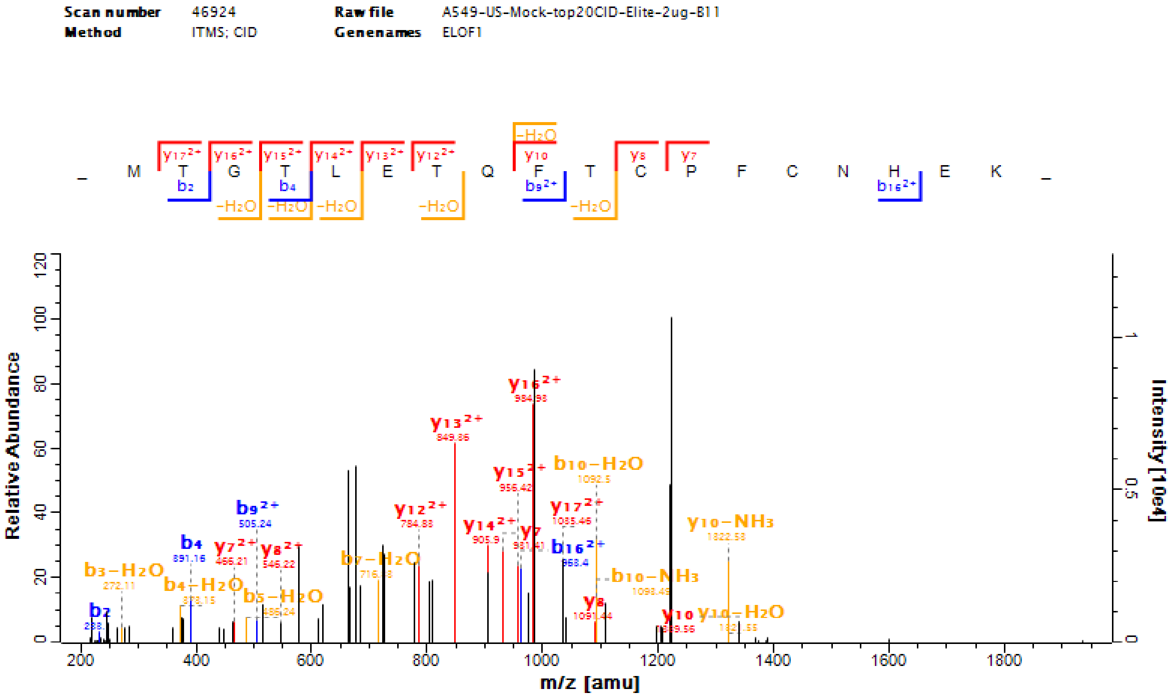
Best Match Score: 120.15

Best Match Posterior Error Probability: 0.00041533

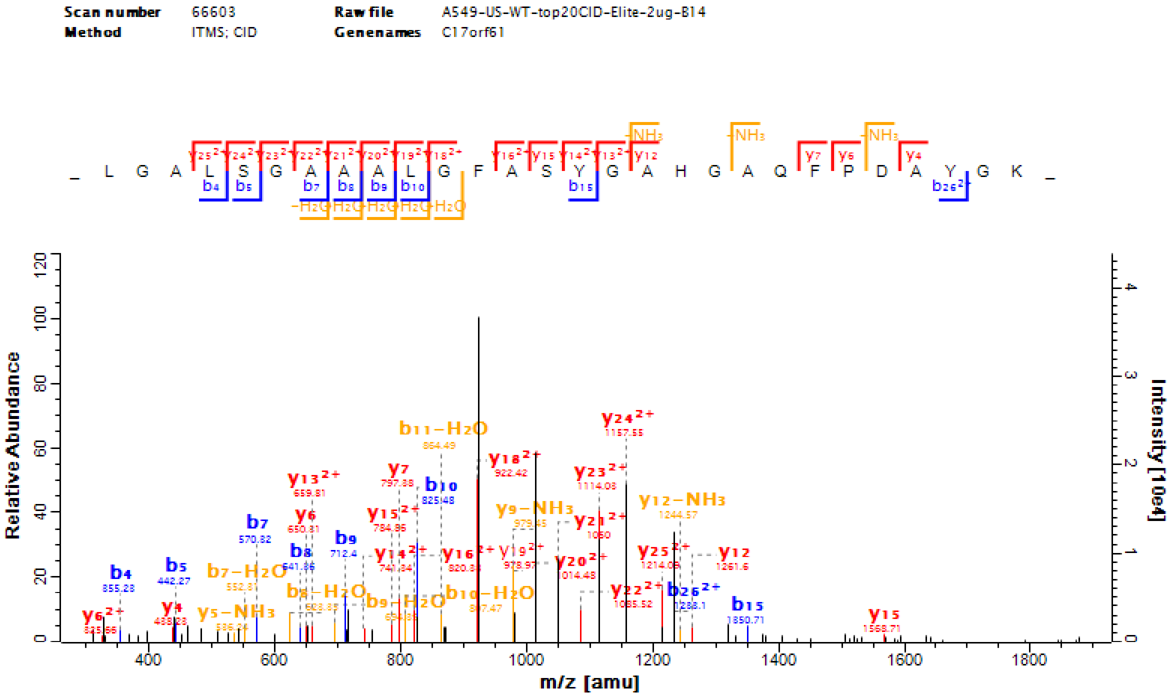
Best Match Spectrum:



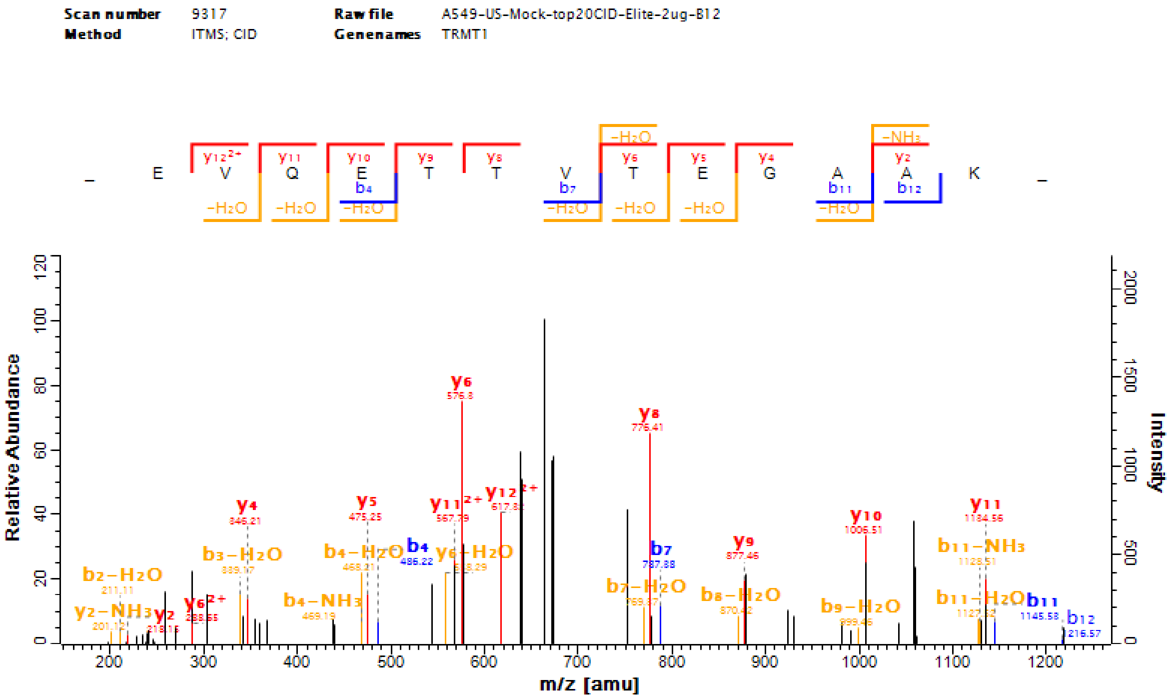
Protein Group ID: 1640
Protein Accession Numbers: K7EMV4; K7EQ44; K7EPC8; P60002; K7EN05
Gene Names: ELOF1
Peptide Sequence: MTGTLETQFTCPFCNHEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 77.42
Best Match Posterior Error Probability: 0.0015252
Best Match Spectrum:



Protein Group ID: 1642
Protein Accession Numbers: Q8N2U0; K7ERE1; K7ENI6
Gene Names: C17orf61
Peptide Sequence: LGALSGAAALGFASYGAHGAQFPDAYGK
Total Number of Spectra: 14
Number of Replicates (out of 8): 8
Best Match Score: 122.47
Best Match Posterior Error Probability: 3.97E-18
Best Match Spectrum:

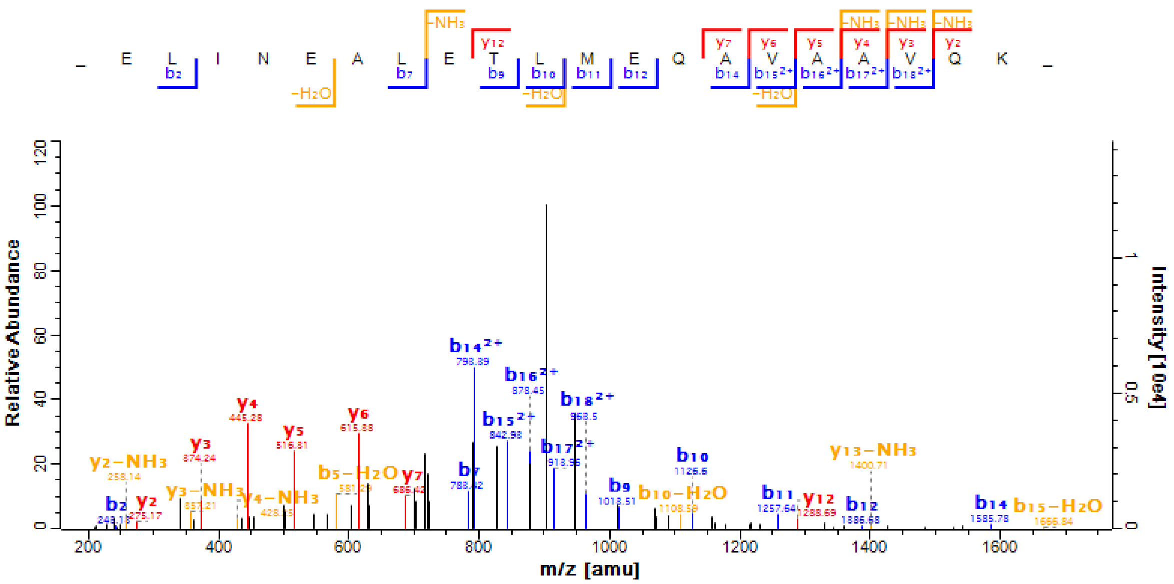


Protein Group ID: 1643
Protein Accession Numbers: Q9NXH9; Q9NXH9-2; K7EQQ8; K7EQU7; K7ERR5; K7ENI9; K7EQY6
Gene Names: TRMT1
Peptide Sequence: EVQETTVTEGAAK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 117.03
Best Match Posterior Error Probability: 0.00019643
Best Match Spectrum:

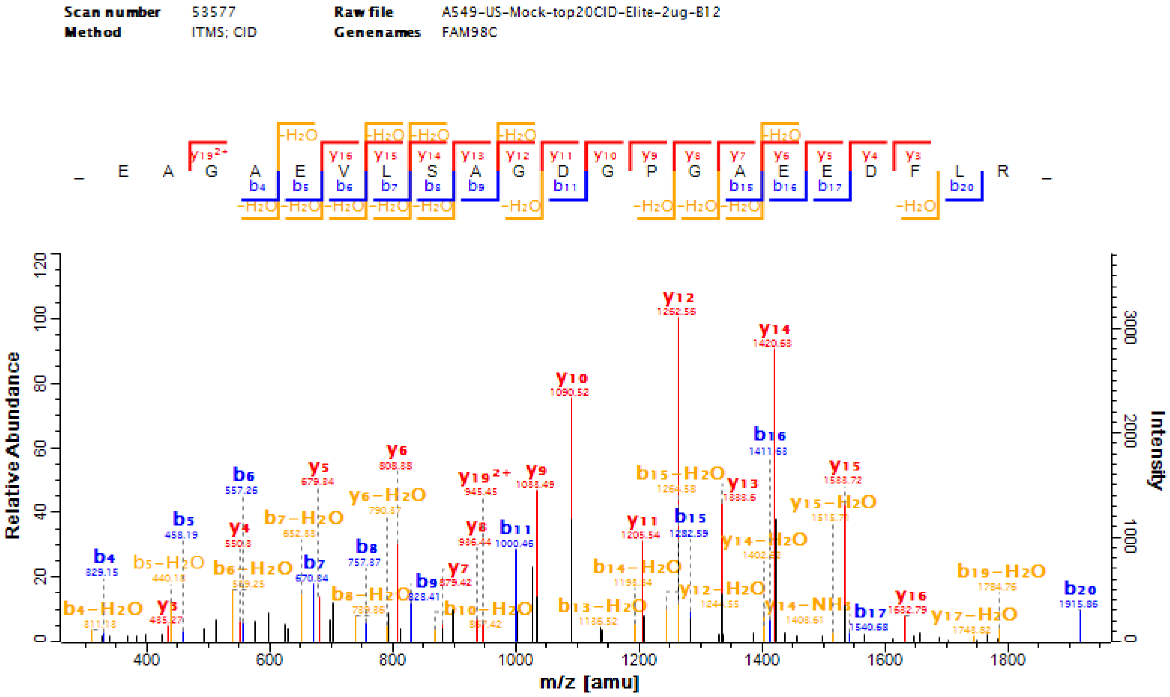


Protein Group ID: 1647
Protein Accession Numbers: Q96C10; K7EPP0
Gene Names: DHX58
Peptide Sequence: ELINEALETLMEQAVAAVQK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 105.9
Best Match Posterior Error Probability: 5.30E-05
Best Match Spectrum:

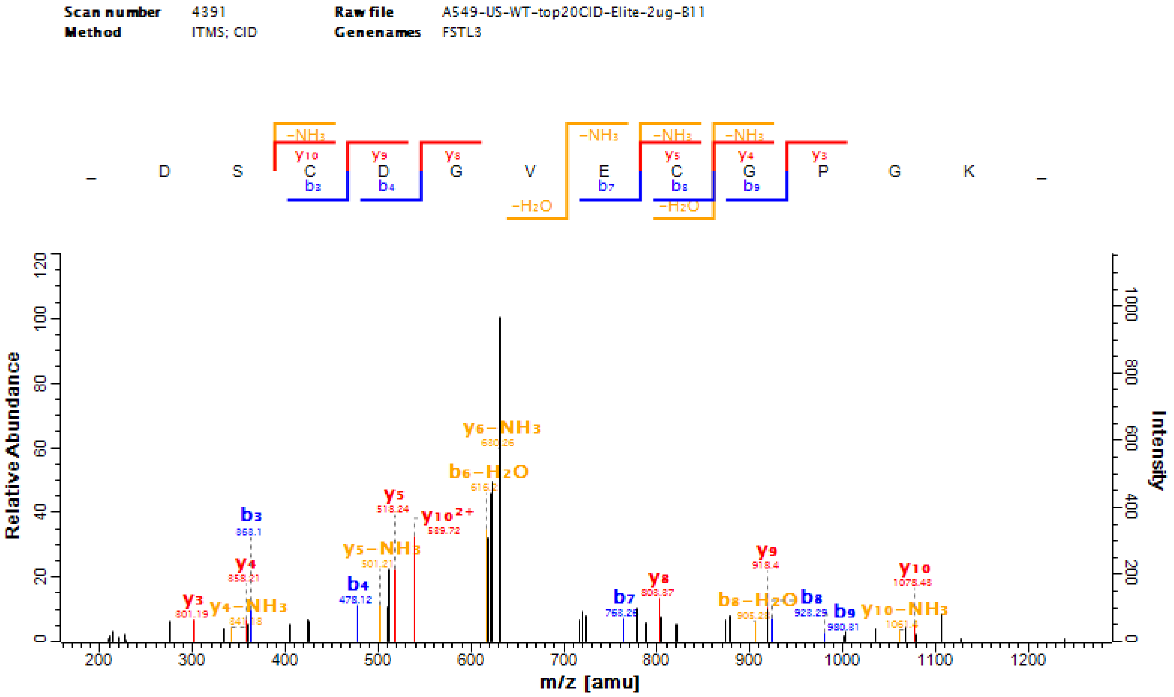
Scan number	95695	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	DHX58



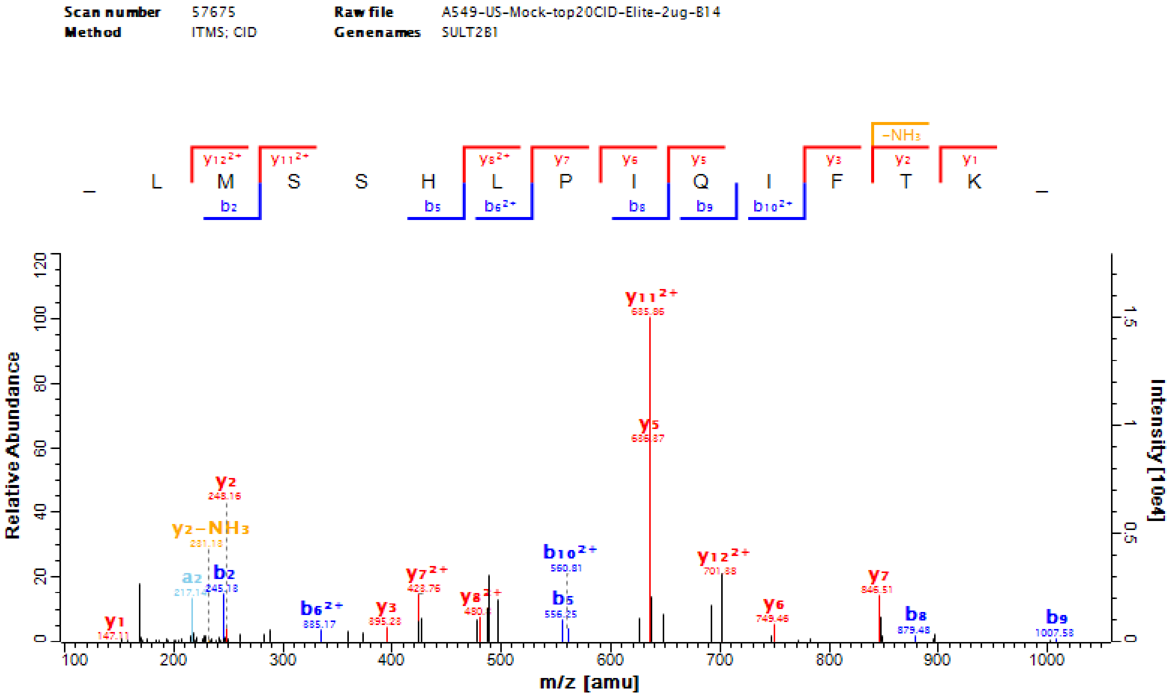
Protein Group ID: 1650
Protein Accession Numbers: Q17RN3; Q17RN3-2; K7EQT7; K7EQL1
Gene Names: FAM98C
Peptide Sequence: EAGAEVLSAGDGPGAEEDFLR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 196.3
Best Match Posterior Error Probability: 3.29E-36
Best Match Spectrum:



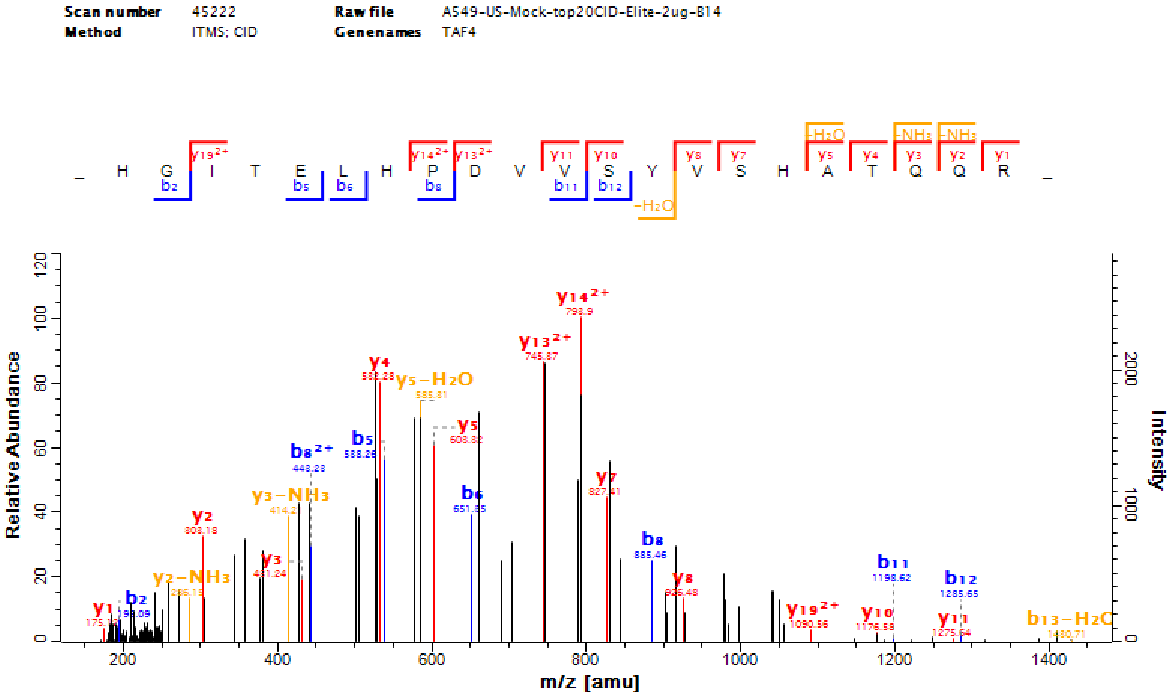
Protein Group ID: 1654
Protein Accession Numbers: O95633; O95633-2; K7ES54
Gene Names: FSTL3
Peptide Sequence: DSCDGVECGPGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 80.014
Best Match Posterior Error Probability: 0.0033637
Best Match Spectrum:



Protein Group ID: 1667
Protein Accession Numbers: O00204; O00204-2
Gene Names: SULT2B1
Peptide Sequence: LMSSHLPIQIFTK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 88.021
Best Match Posterior Error Probability: 0.0015942
Best Match Spectrum:

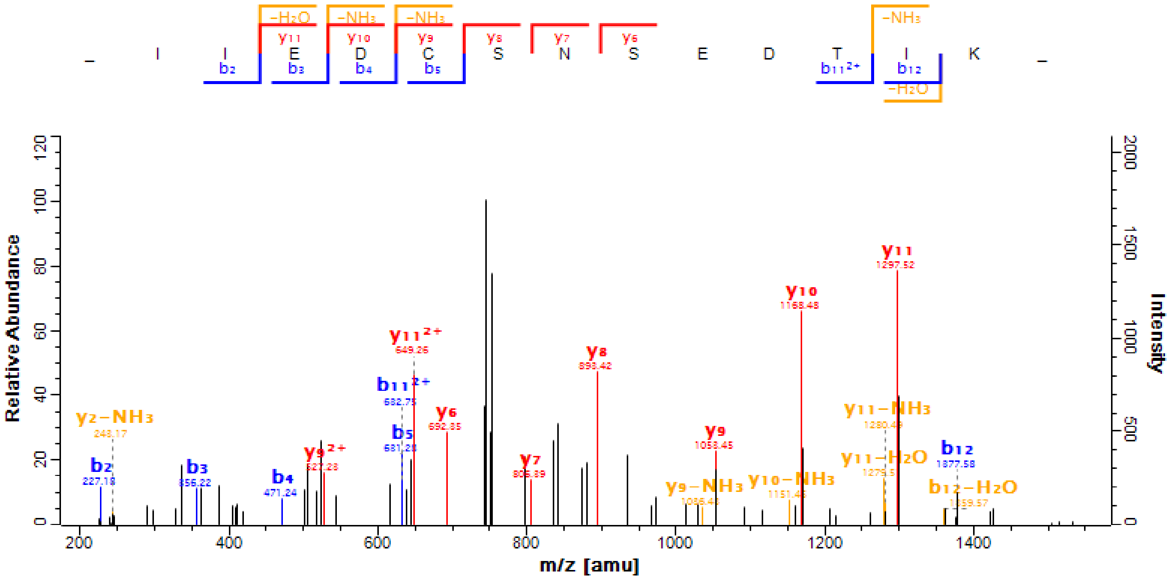


Protein Group ID: 1674
Protein Accession Numbers: O00268; Q5TBP5
Gene Names: TAF4
Peptide Sequence: HGITELHPDVVSYVSHATQQR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 71.872
Best Match Posterior Error Probability: 0.0010618
Best Match Spectrum:

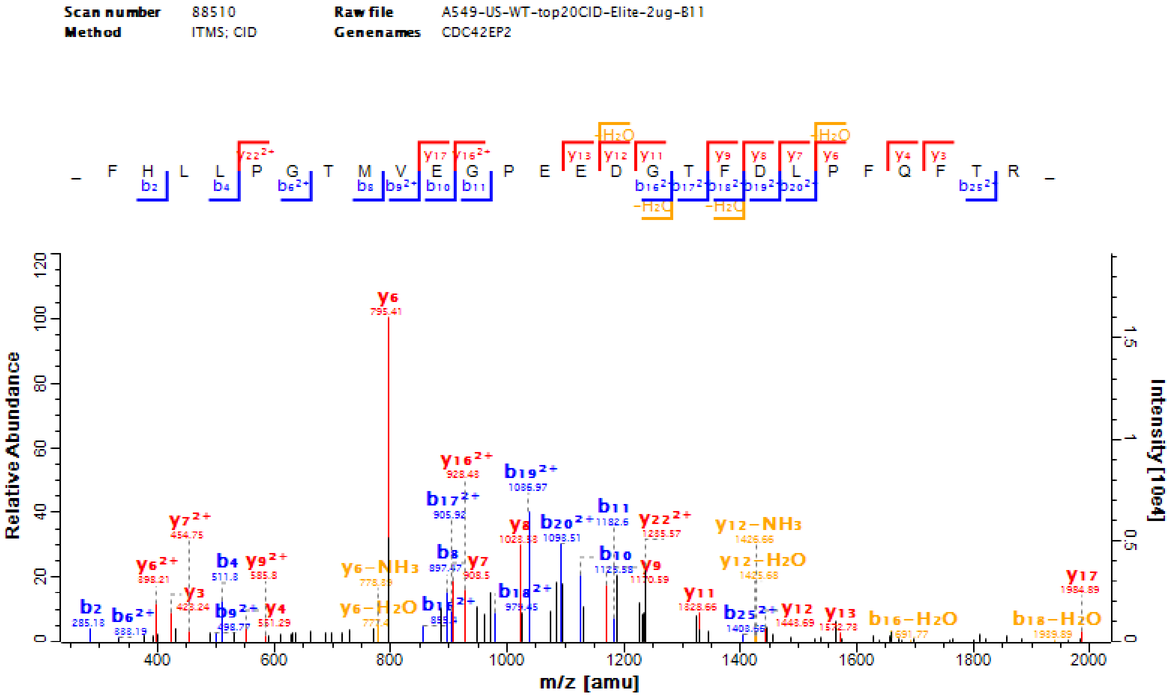


Protein Group ID: 1695
Protein Accession Numbers: O00507
Gene Names: USP9Y
Peptide Sequence: IIEDCSNSEDTIK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 116.24
Best Match Posterior Error Probability: 0.00021059
Best Match Spectrum:

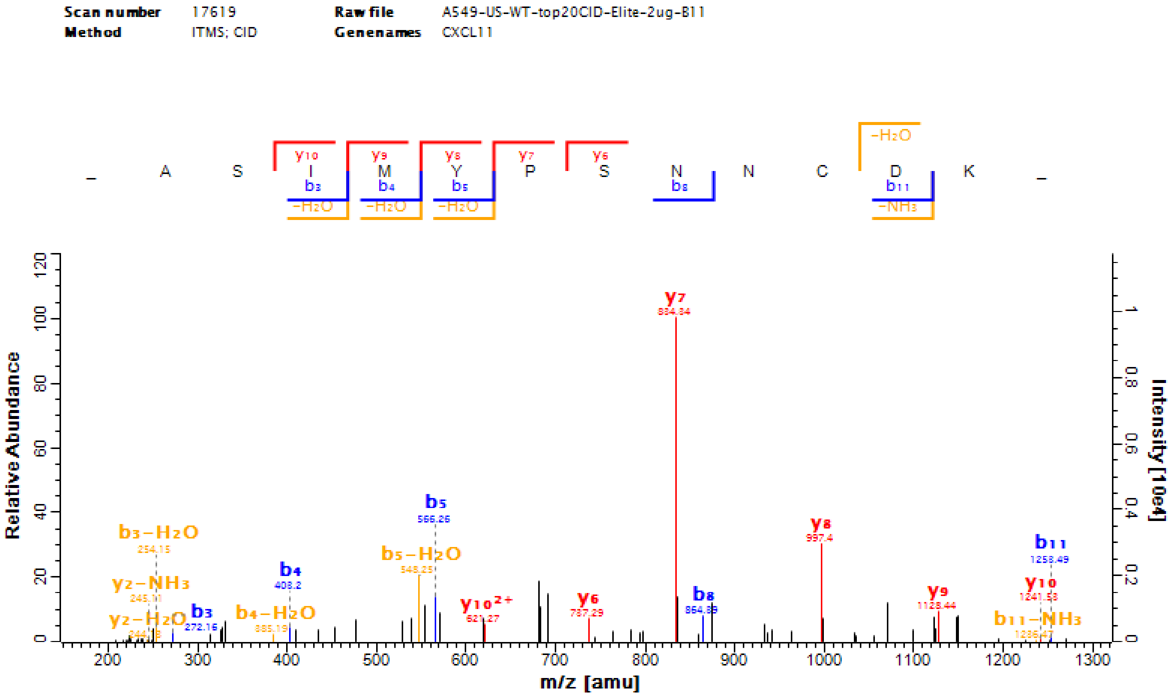
Scan number	12547	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	USP9Y



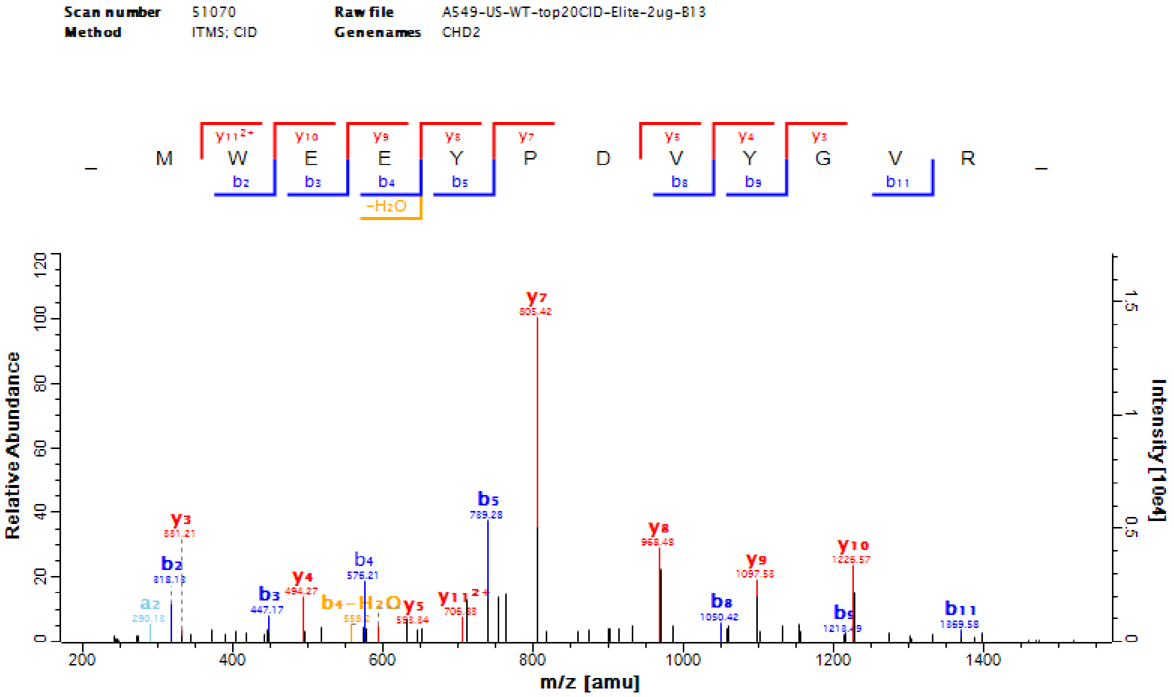
Protein Group ID: 1711
Protein Accession Numbers: O14613
Gene Names: CDC42EP2
Peptide Sequence: FHLLPGTMVEGPEEDGTFDLPFQFTR
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 130.37
Best Match Posterior Error Probability: 2.23E-16
Best Match Spectrum:



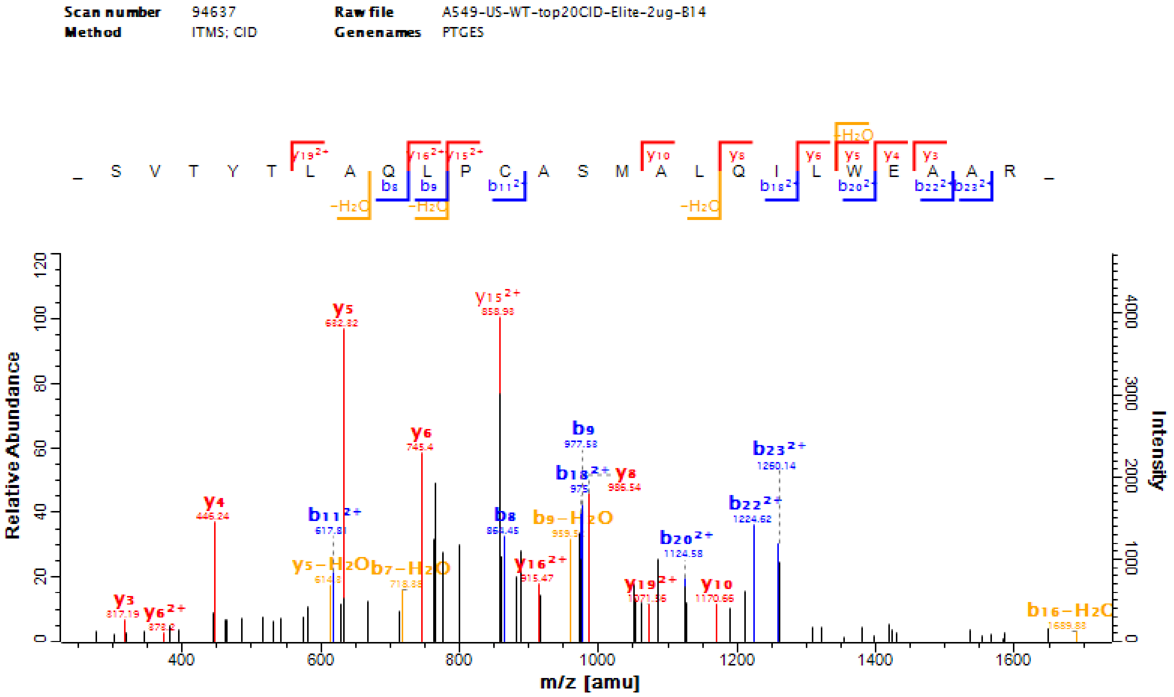
Protein Group ID: 1713
Protein Accession Numbers: O14625
Gene Names: CXCL11
Peptide Sequence: ASIMYPSNNCDK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 80.69
Best Match Posterior Error Probability: 0.0032094
Best Match Spectrum:



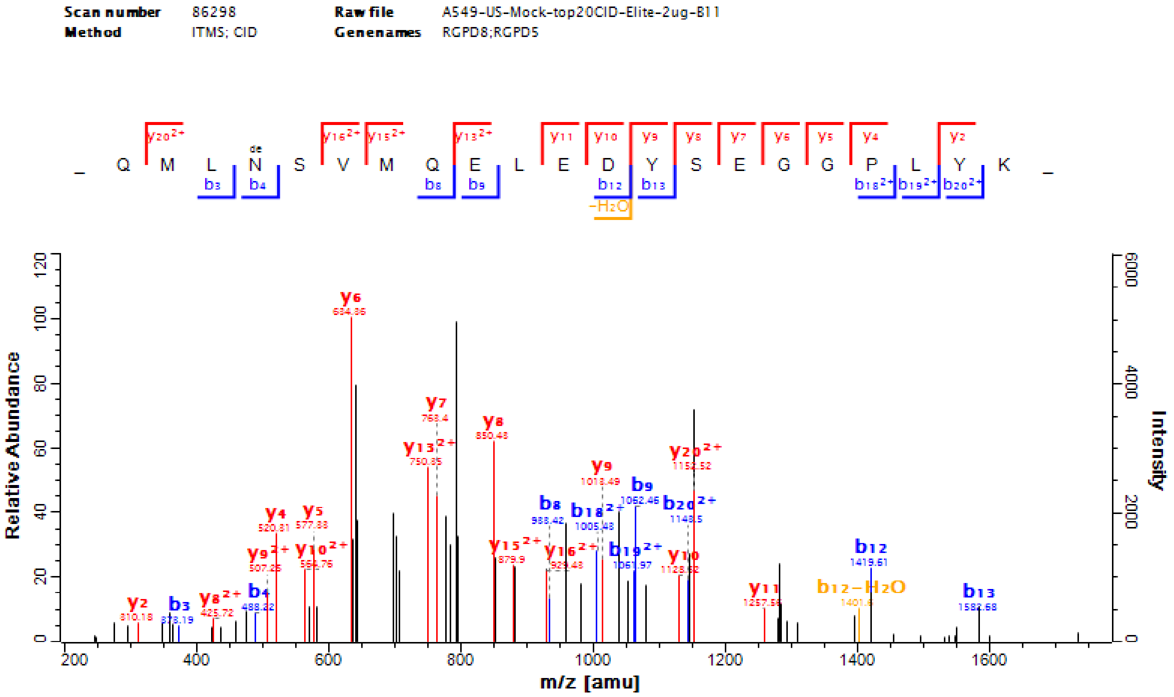
Protein Group ID: 1715
Protein Accession Numbers: O14647; O14647-2; B7Z3I4; O14647-3; G3V4S8
Gene Names: CHD2
Peptide Sequence: MWEEYPDVYGVR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 96.604
Best Match Posterior Error Probability: 0.00076716
Best Match Spectrum:



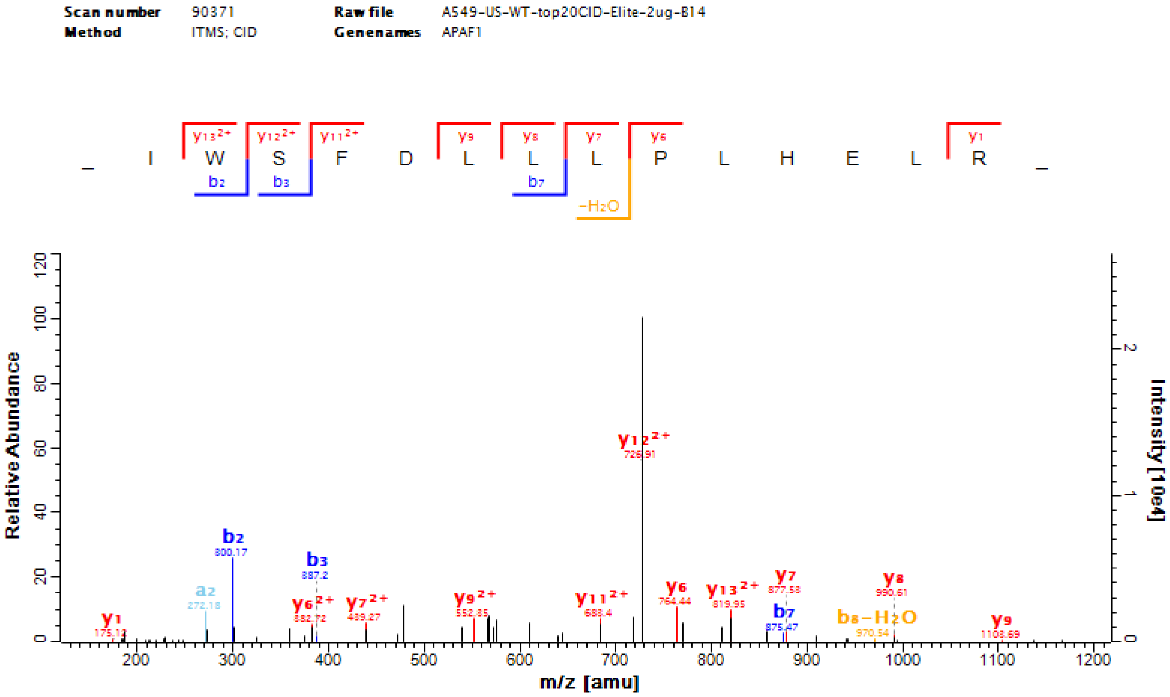
Protein Group ID: 1718
Protein Accession Numbers: O14684
Gene Names: PTGES
Peptide Sequence: SVTYTLAQLPCASMALQILWEAAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 63.706
Best Match Posterior Error Probability: 0.0010064
Best Match Spectrum:



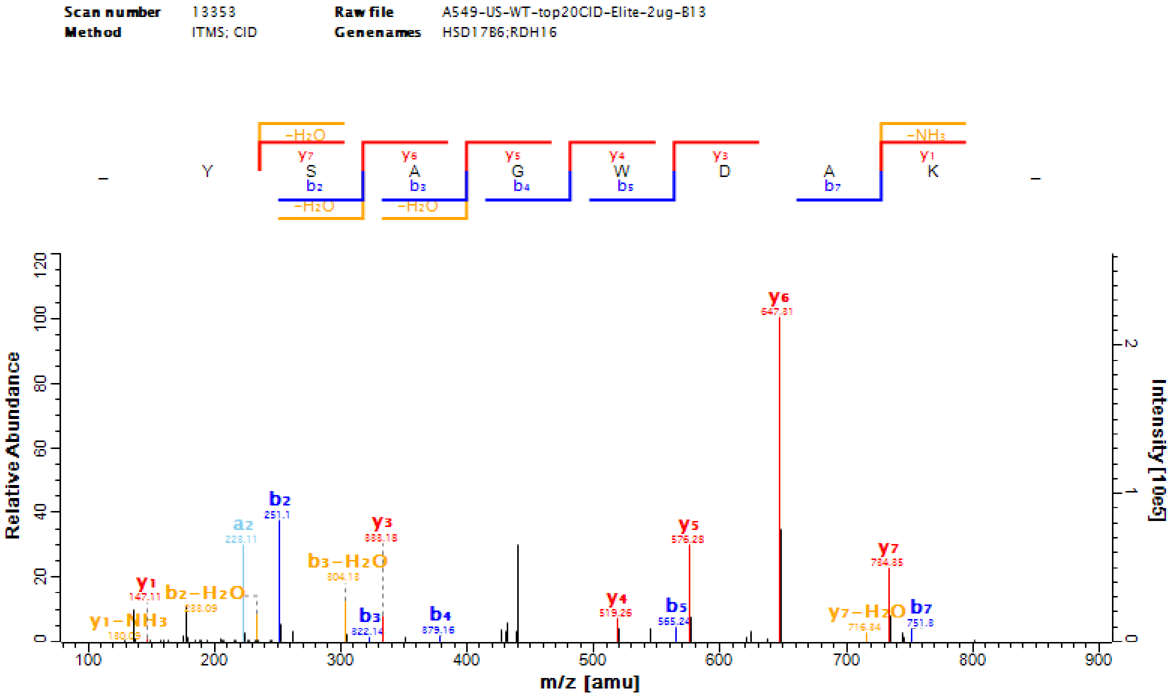
Protein Group ID: 1719
Protein Accession Numbers: O14715; Q99666; J3KQ37; F8W705; Q99666-2
Gene Names: RGPD8;RGPD5
Peptide Sequence: QMLNSVMQELEDYSEGGPLYK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 122.44
Best Match Posterior Error Probability: 4.23E-07
Best Match Spectrum:



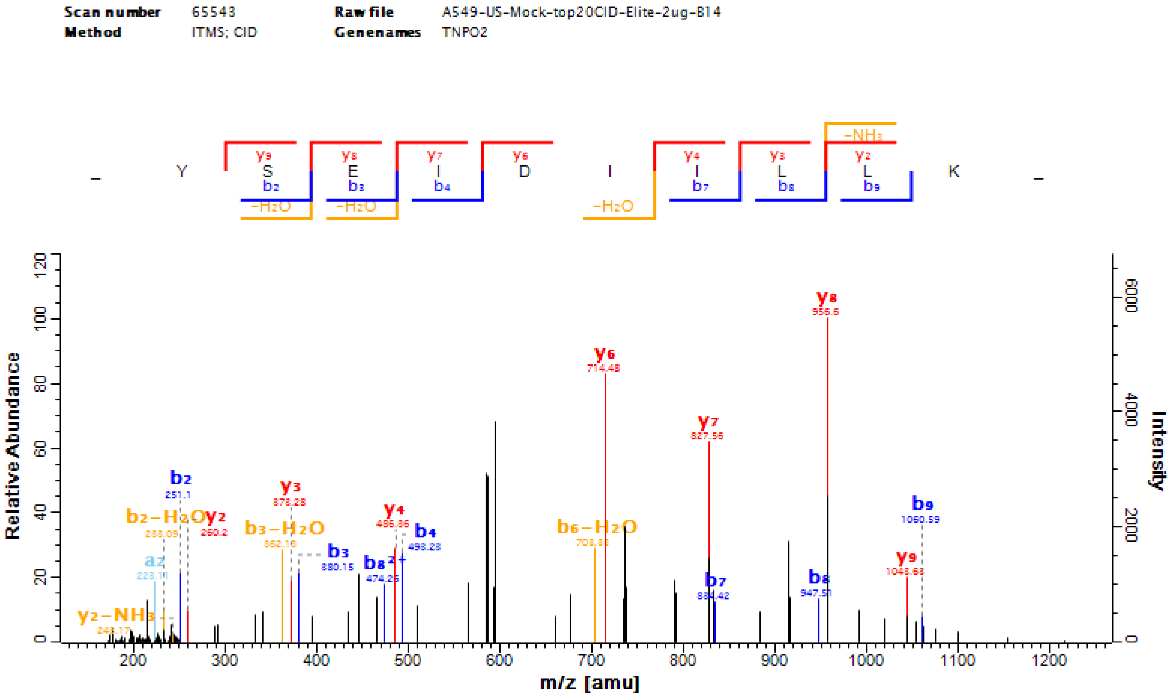
Protein Group ID: 1720
Protein Accession Numbers: O14727; O14727-2; O14727-4; O14727-3
Gene Names: APAF1
Peptide Sequence: IWSFDLLLPLHELR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 78.324
Best Match Posterior Error Probability: 0.0036605
Best Match Spectrum:



Protein Group ID: 1724
Protein Accession Numbers: O14756; O75452
Gene Names: HSD17B6;RDH16
Peptide Sequence: YSAGWDAK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 106.42
Best Match Posterior Error Probability: 0.0037968
Best Match Spectrum:

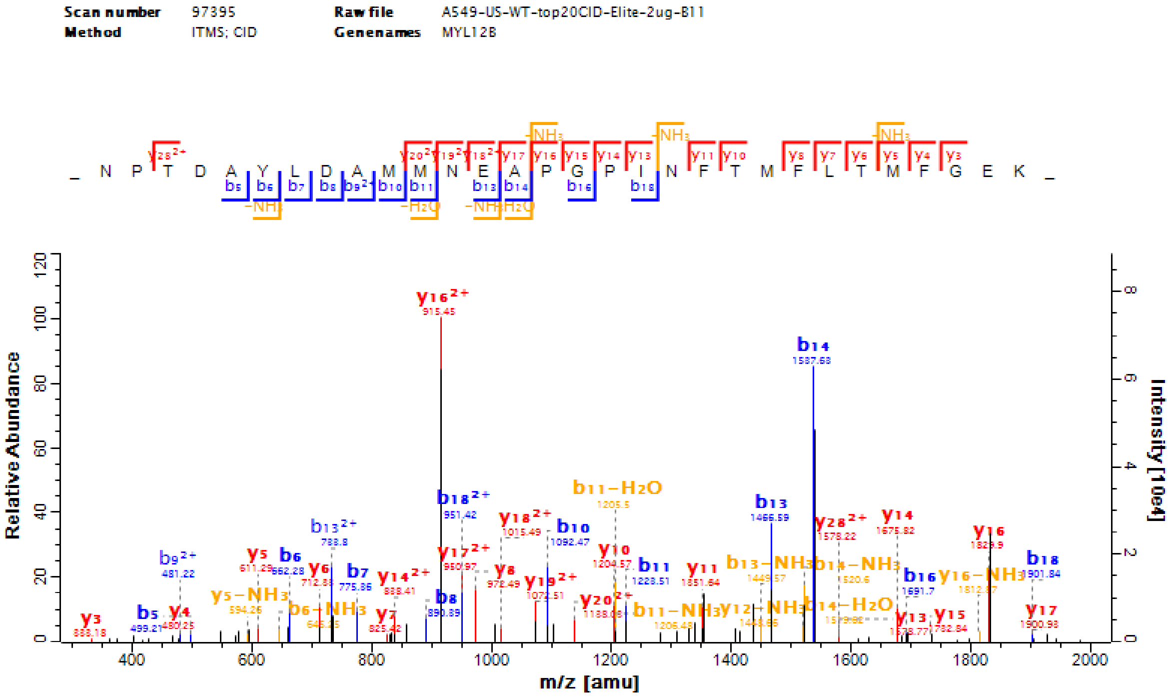


Protein Group ID: 1729
Protein Accession Numbers: O14787-2; O14787
Gene Names: TNPO2
Peptide Sequence: YSEIDIILLK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 99.568
Best Match Posterior Error Probability: 0.00080511
Best Match Spectrum:

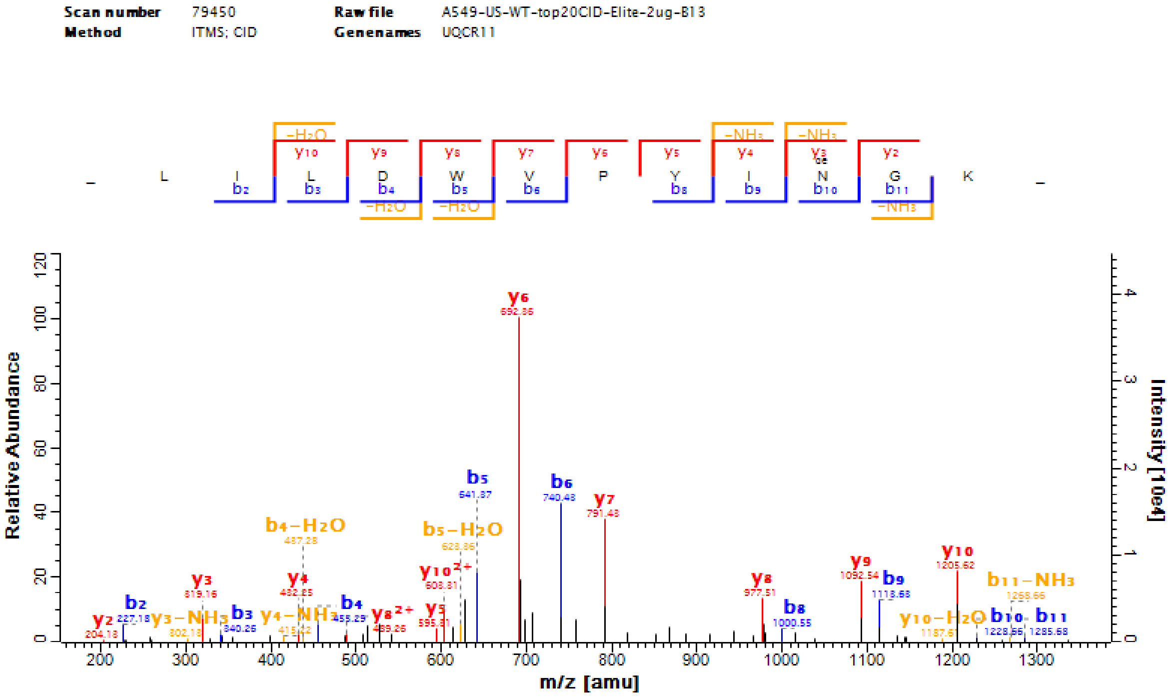


Scan number 65543
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B14
Genenames TNPO2

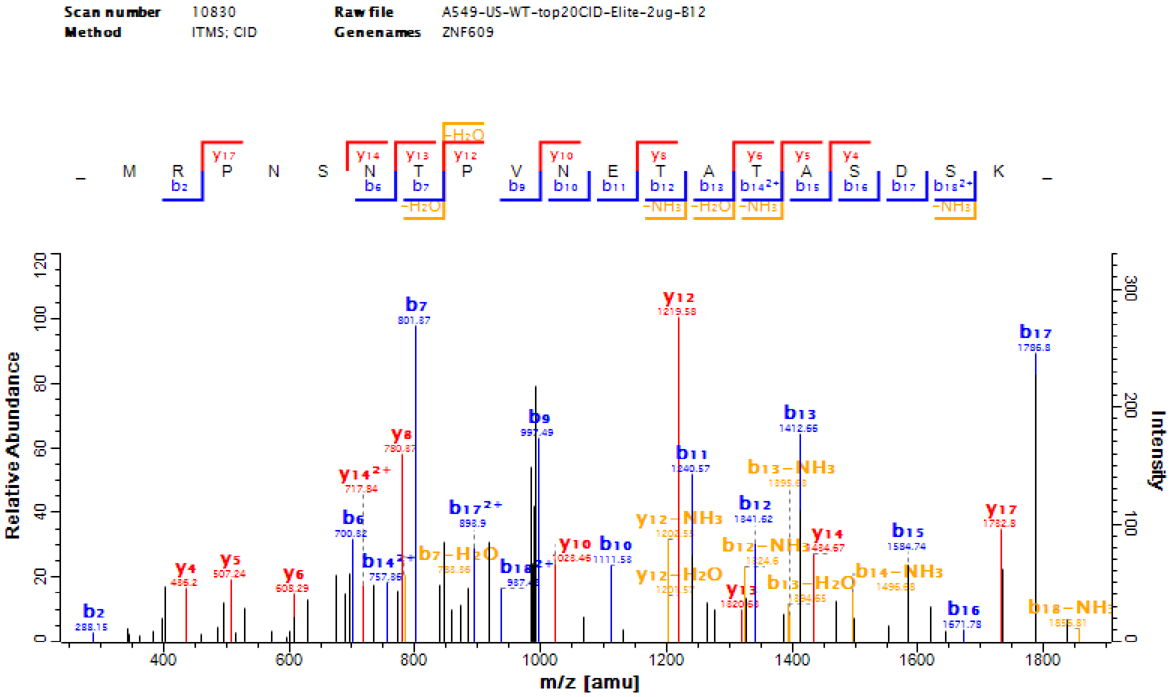
Protein Group ID: 1743
Protein Accession Numbers: O14950
Gene Names: MYL12B
Peptide Sequence: NPTDAYLDAMMNEAPGPINFTMFLTMFGEK
Total Number of Spectra: 12
Number of Replicates (out of 8): 8
Best Match Score: 175.59
Best Match Posterior Error Probability: 1.30E-50
Best Match Spectrum:



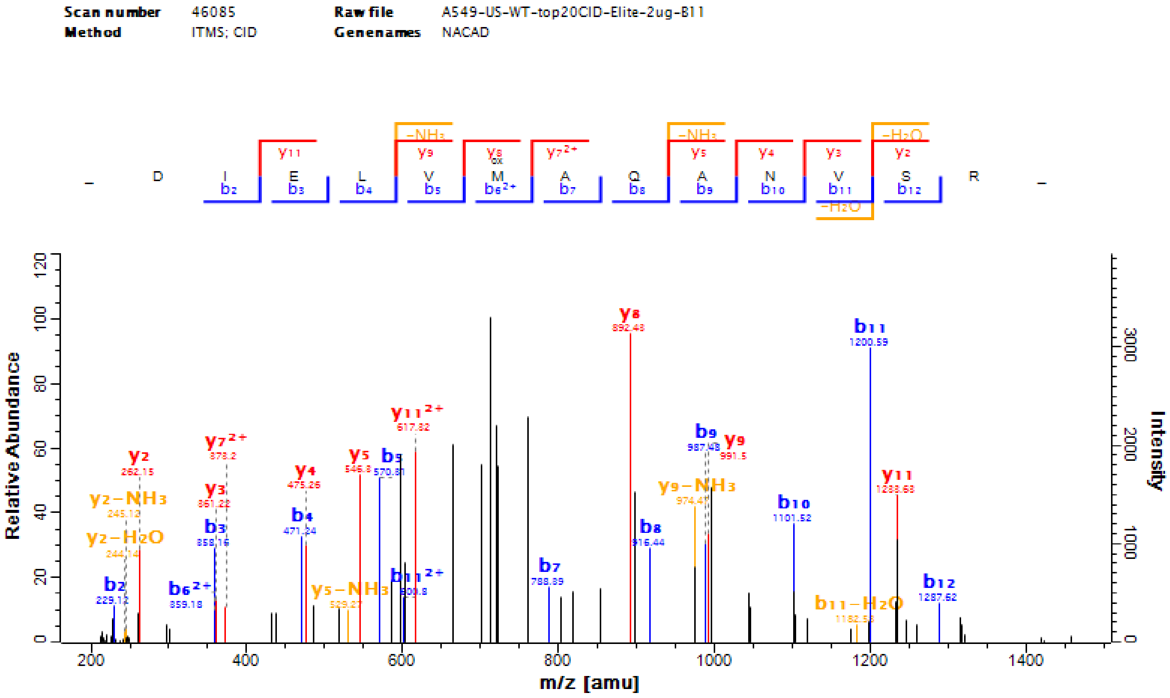
Protein Group ID: 1744
Protein Accession Numbers: O14957
Gene Names: UQCR11
Peptide Sequence: LILDWVPYINGK
Total Number of Spectra: 7
Number of Replicates (out of 8): 6
Best Match Score: 172.17
Best Match Posterior Error Probability: 6.82E-09
Best Match Spectrum:



Protein Group ID: 1753
Protein Accession Numbers: O15014
Gene Names: ZNF609
Peptide Sequence: MRPNSNTPVNETATASDSK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 128.74
Best Match Posterior Error Probability: 5.81E-05
Best Match Spectrum:

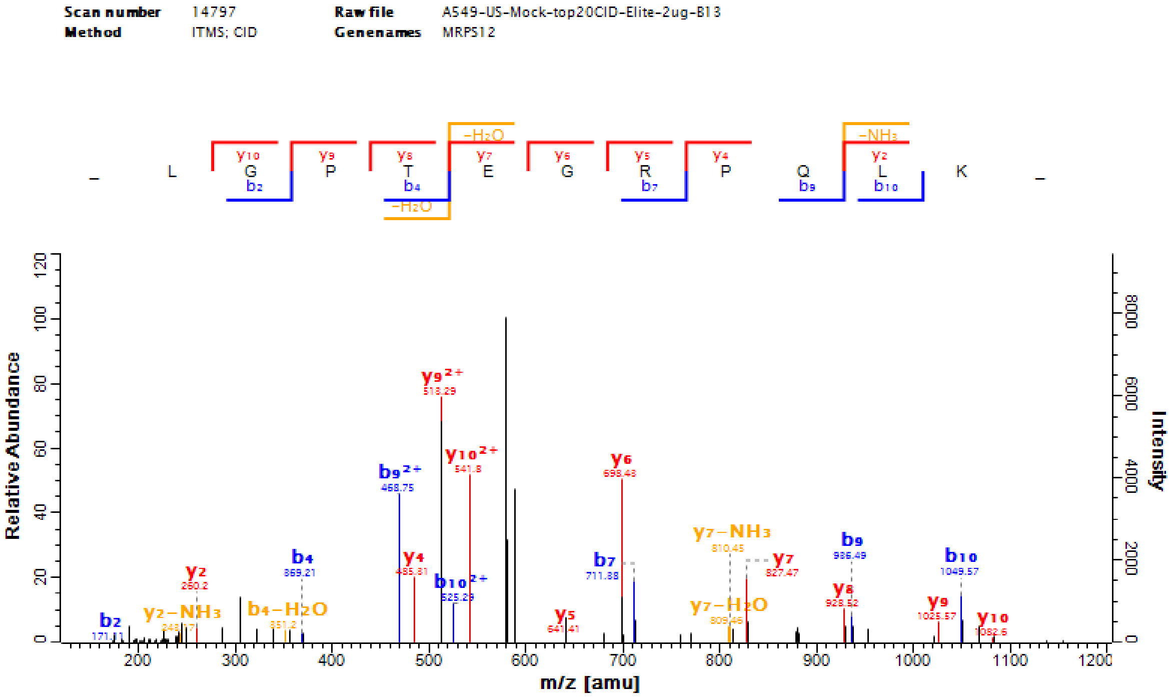


Protein Group ID: 1758
Protein Accession Numbers: O15069
Gene Names: NACAD
Peptide Sequence: DIELVMAQANVSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 134.04
Best Match Posterior Error Probability: 0.0022958
Best Match Spectrum:

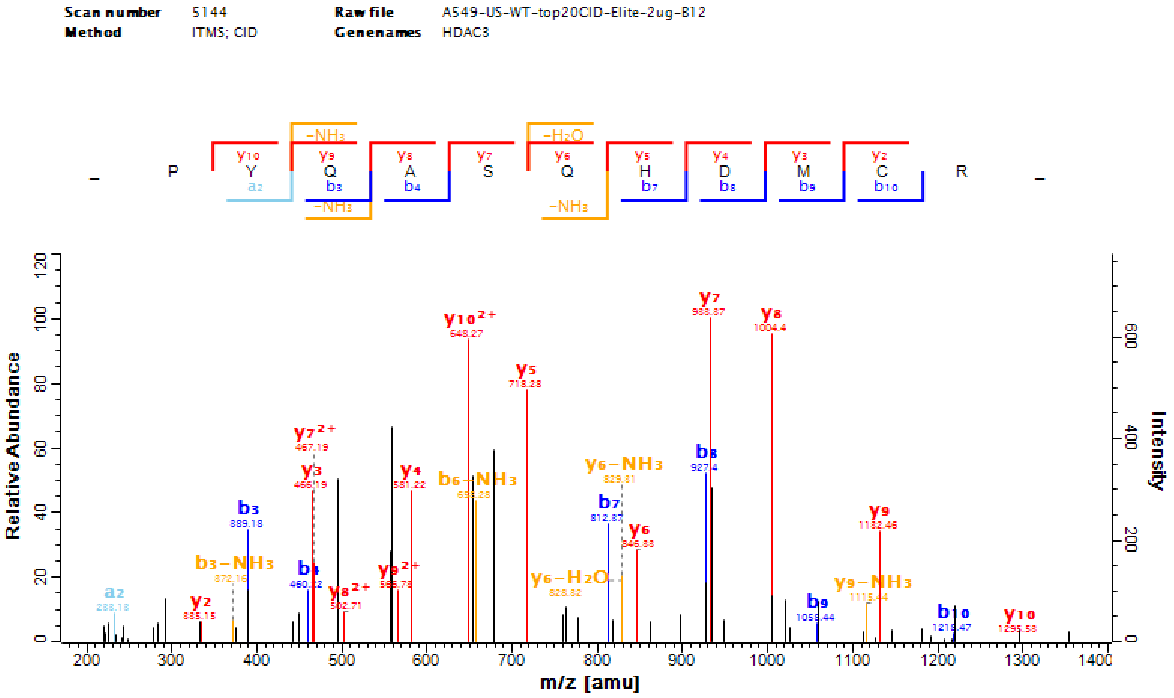


Scan number 46085 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** NACAD

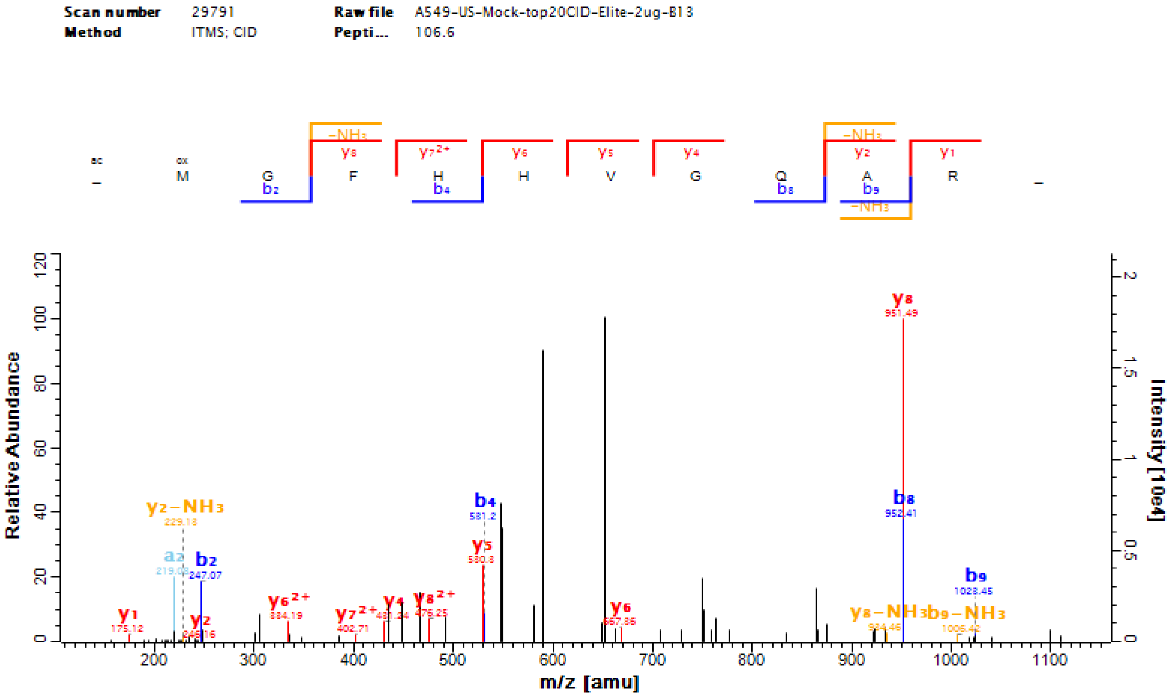
Protein Group ID: 1776
Protein Accession Numbers: O15235
Gene Names: MRPS12
Peptide Sequence: LGPTEGRPQLK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 110.08
Best Match Posterior Error Probability: 0.00071137
Best Match Spectrum:



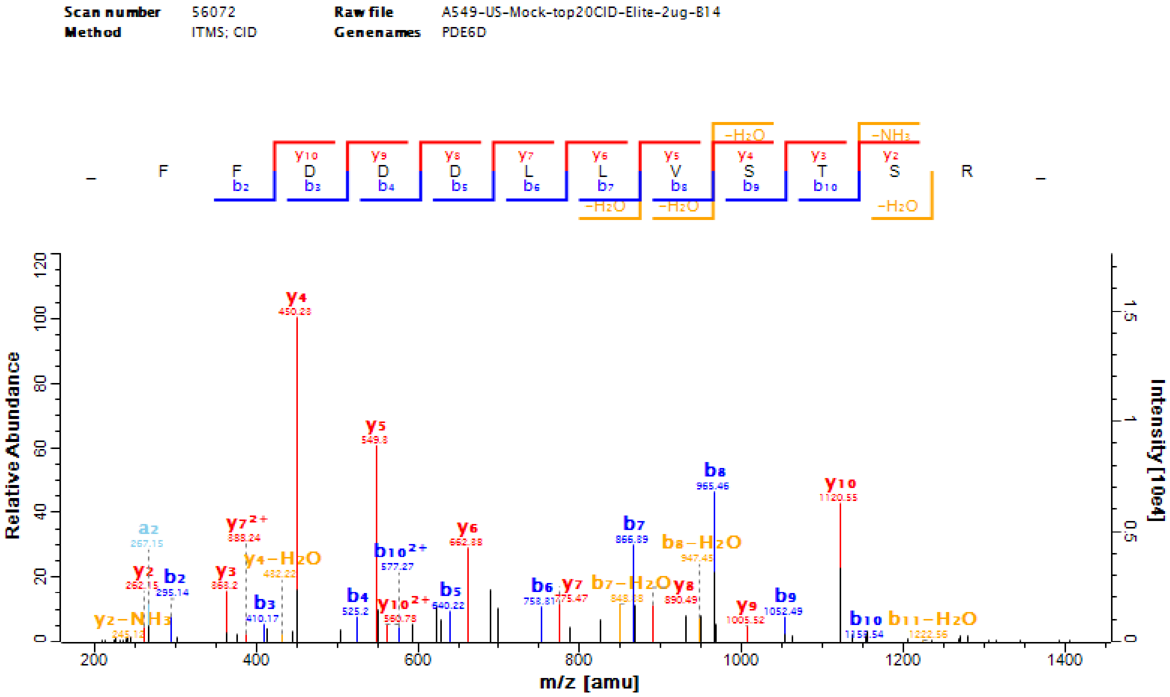
Protein Group ID: 1787
Protein Accession Numbers: O15379-2; O15379; E7EWI8
Gene Names: HDAC3
Peptide Sequence: PYQASQHDMCR
Total Number of Spectra: 10
Number of Replicates (out of 8): 8
Best Match Score: 162.68
Best Match Posterior Error Probability: 1.13E-05
Best Match Spectrum:



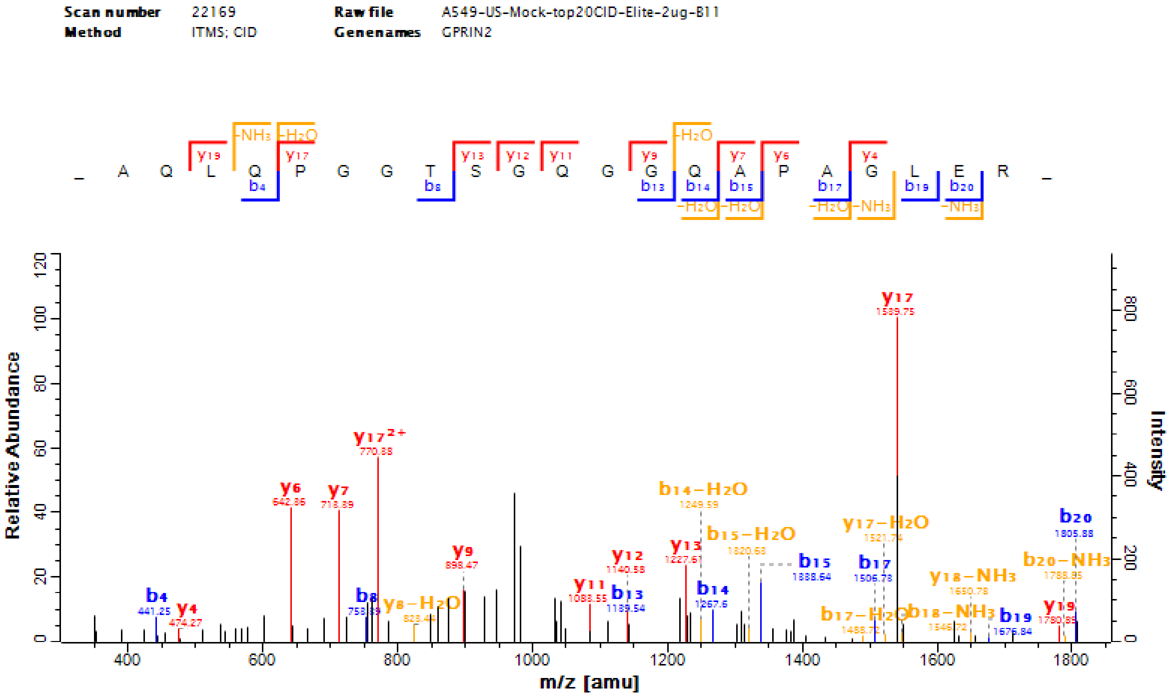
Protein Group ID: 1827
Protein Accession Numbers: O43439-4
Gene Names:
Peptide Sequence: MGFHHVGQAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 106.6
Best Match Posterior Error Probability: 0.0025465
Best Match Spectrum:



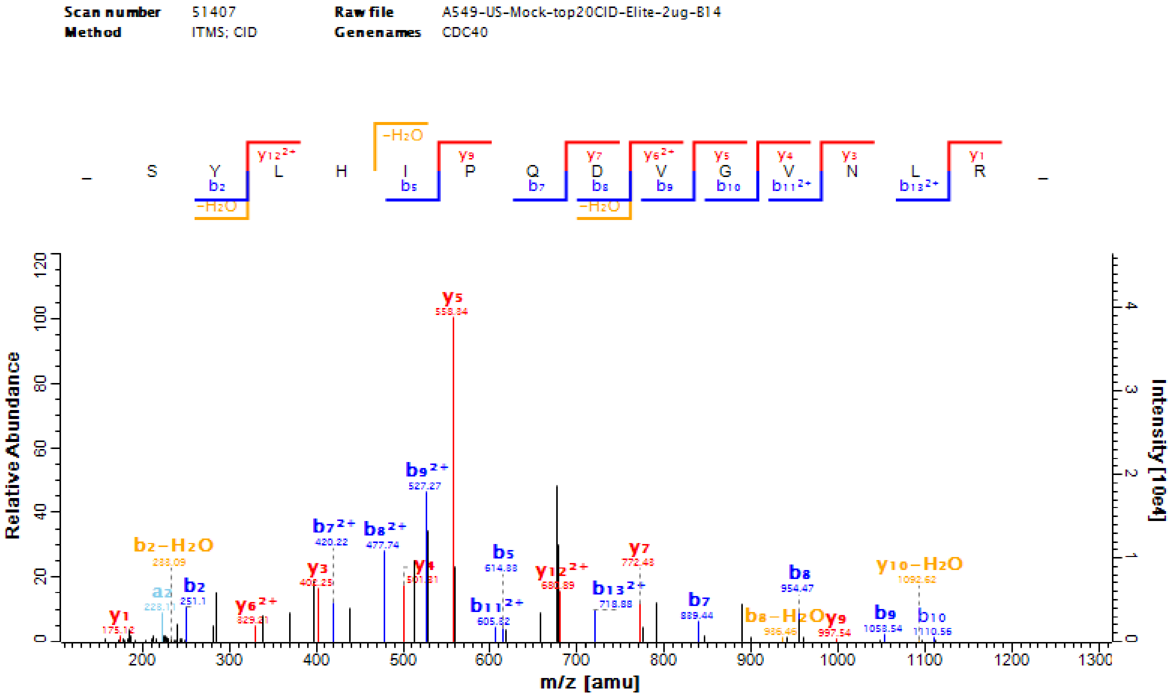
Protein Group ID: 1863
Protein Accession Numbers: O43924
Gene Names: PDE6D
Peptide Sequence: FFDDDLLVSTSR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 147.33
Best Match Posterior Error Probability: 5.50E-06
Best Match Spectrum:



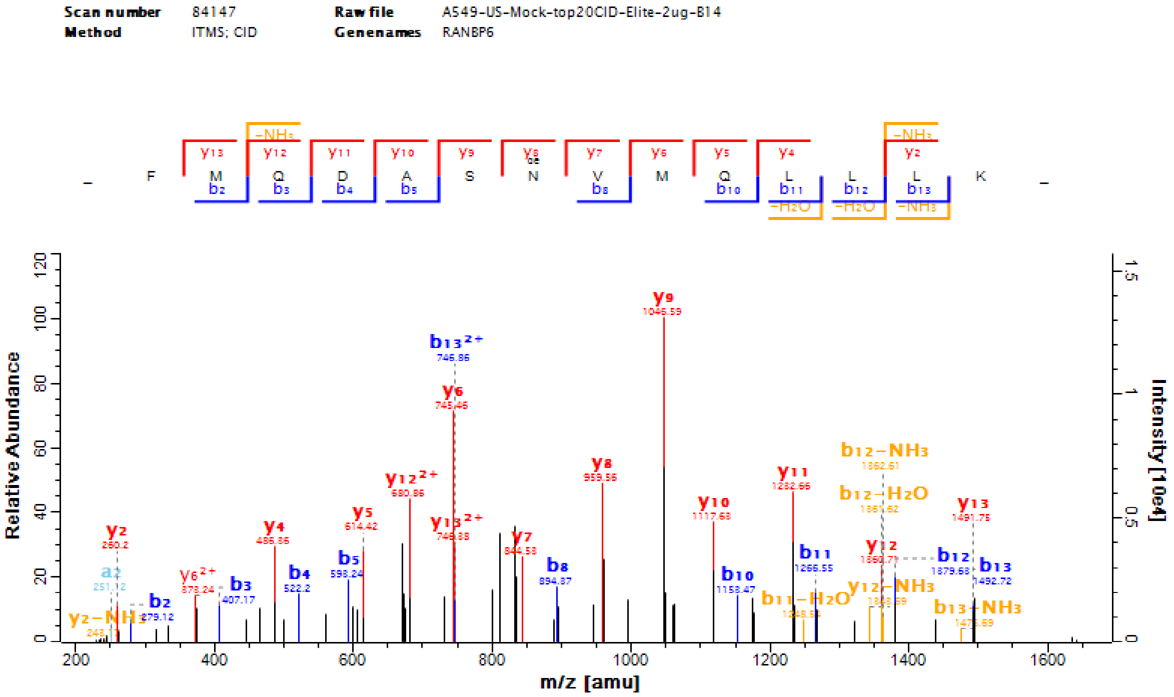
Protein Group ID: 1871
Protein Accession Numbers: O60269
Gene Names: GPRIN2
Peptide Sequence: AQLQPGGTSGQGGQAPAGLER
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 78.975
Best Match Posterior Error Probability: 0.00034979
Best Match Spectrum:



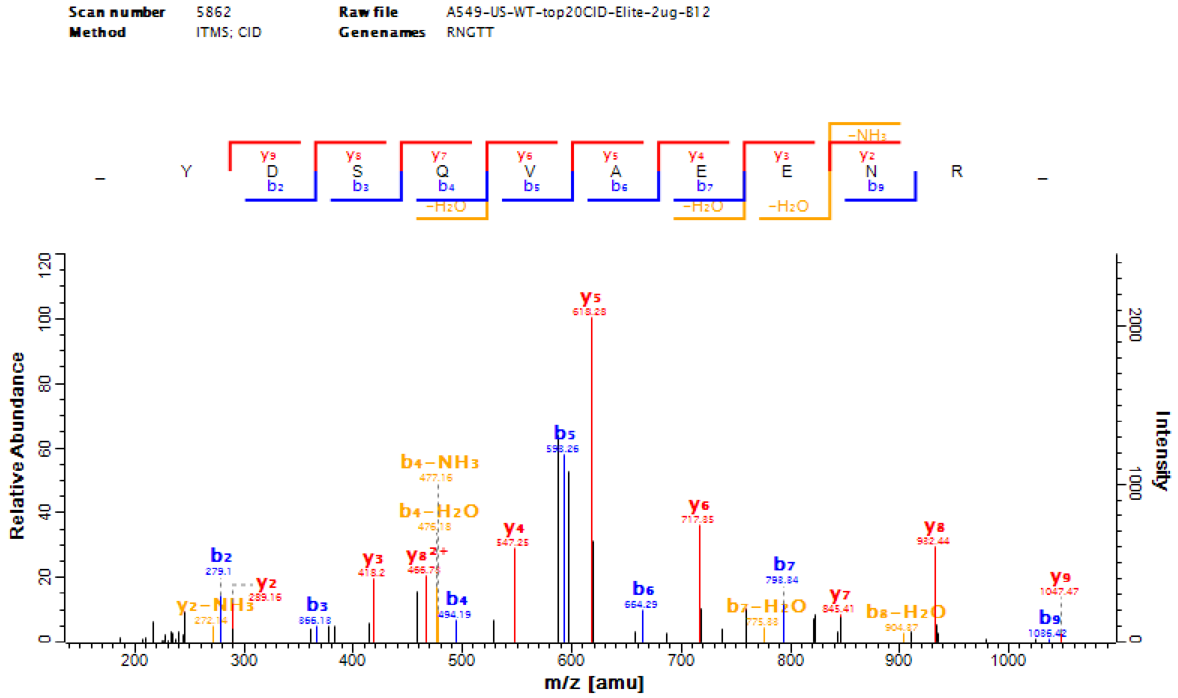
Protein Group ID: 1887
Protein Accession Numbers: O60508; Q5SRN1
Gene Names: CDC40
Peptide Sequence: SYLHIPQDVGVNLR
Total Number of Spectra: 7
Number of Replicates (out of 8): 6
Best Match Score: 112.08
Best Match Posterior Error Probability: 0.00014601
Best Match Spectrum:



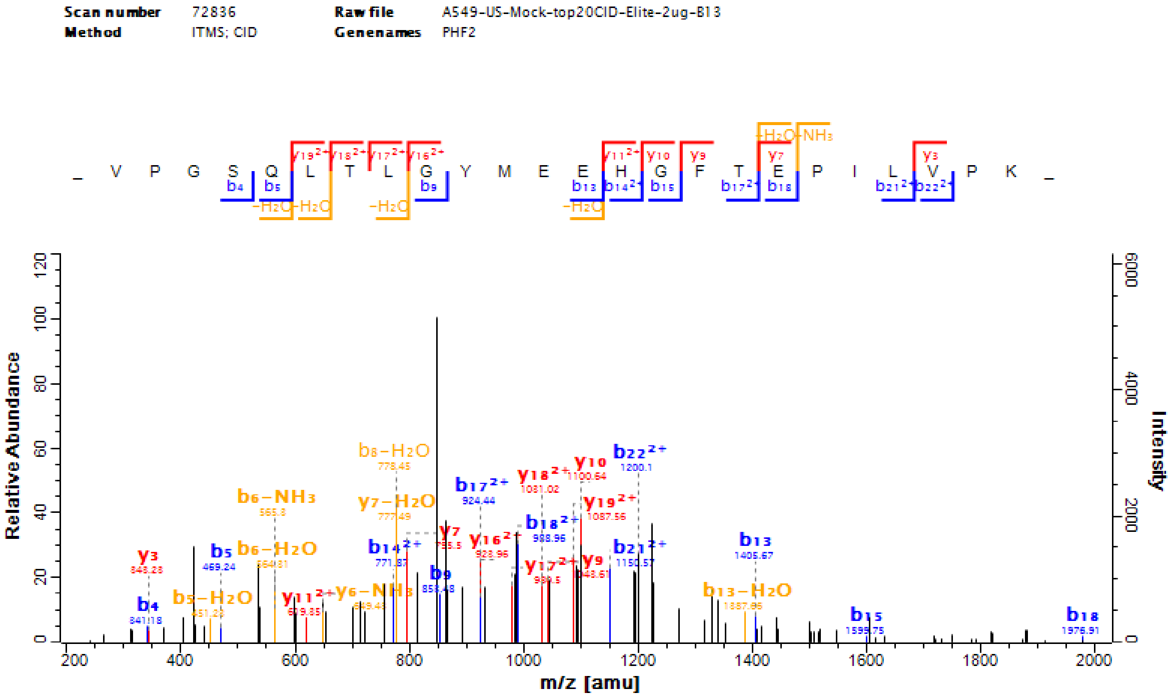
Protein Group ID: 1888
Protein Accession Numbers: O60518
Gene Names: RANBP6
Peptide Sequence: FMQDASNVMQLLLK
Total Number of Spectra: 9
Number of Replicates (out of 8): 6
Best Match Score: 181.71
Best Match Posterior Error Probability: 2.60E-18
Best Match Spectrum:



Protein Group ID: 1913
Protein Accession Numbers: O60942; O60942-2; O60942-4; Q5TCW7; O60942-3
Gene Names: RNGTT
Peptide Sequence: YDSQVAEENR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 119.39
Best Match Posterior Error Probability: 0.00023613
Best Match Spectrum:

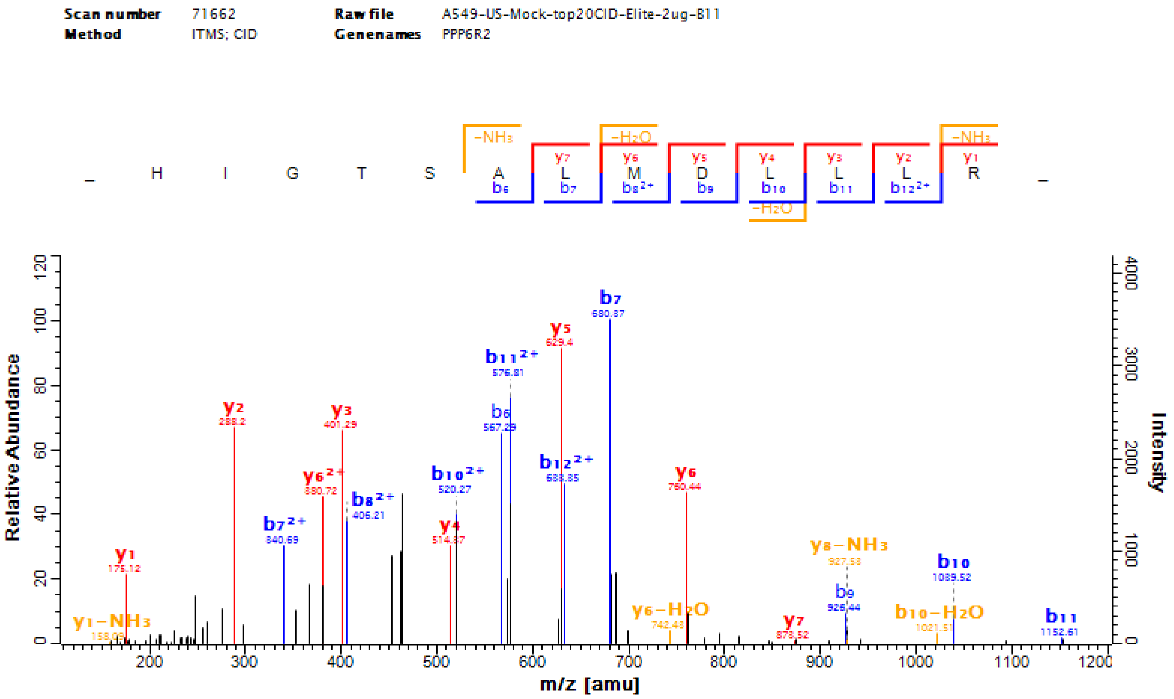


Protein Group ID: 1919
Protein Accession Numbers: O75151
Gene Names: PHF2
Peptide Sequence: VPGSQLTLGYMEEHGFTEPILVPK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 83.723
Best Match Posterior Error Probability: 5.33E-05
Best Match Spectrum:

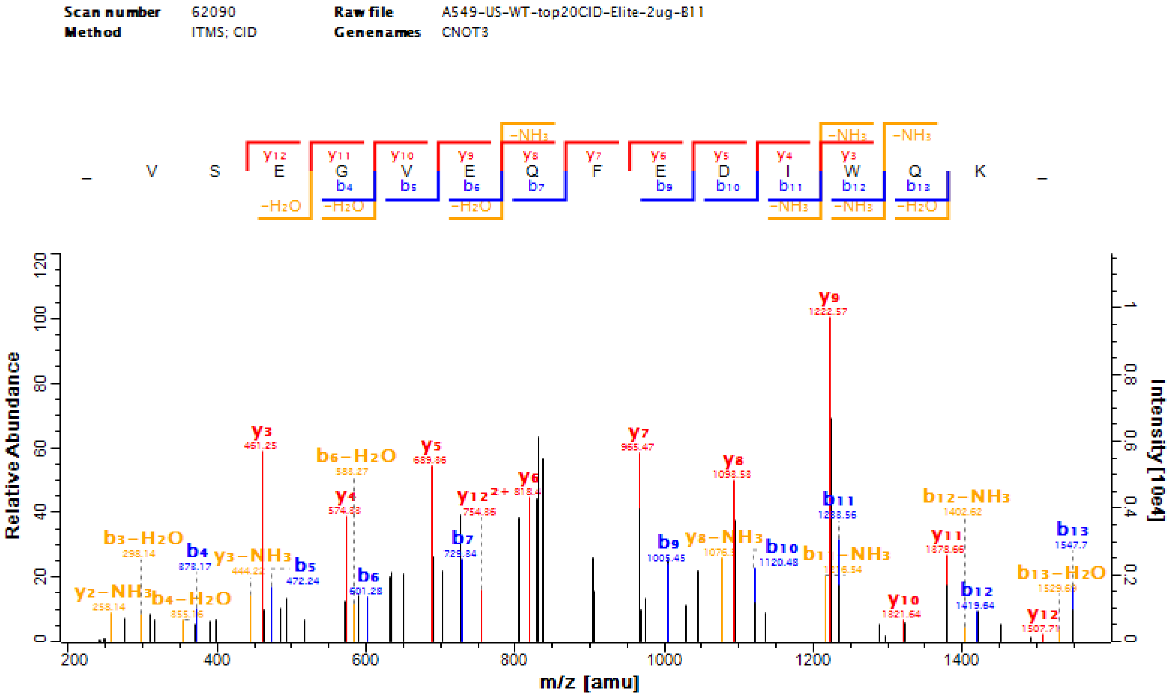


Scan number 72836
Raw file A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID
Genenames PHF2

Protein Group ID: 1923
Protein Accession Numbers: O75170; O75170-5; O75170-3; O75170-4; O75170-2; O75170-6
Gene Names: PPP6R2
Peptide Sequence: HIGTSALMDLLLR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 152.85
Best Match Posterior Error Probability: 7.97E-07
Best Match Spectrum:

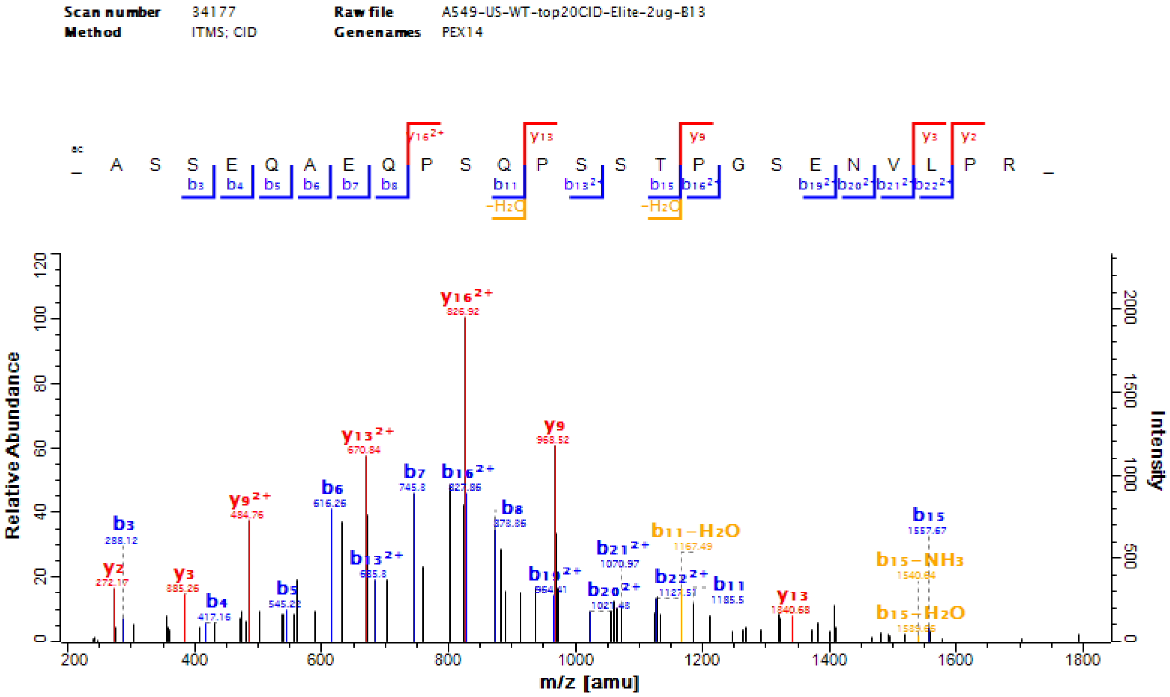


Protein Group ID: 1924
Protein Accession Numbers: O75175; O75175-2
Gene Names: CNOT3
Peptide Sequence: VSEGVEQFEDIWQK
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 150.05
Best Match Posterior Error Probability: 1.48E-06
Best Match Spectrum:

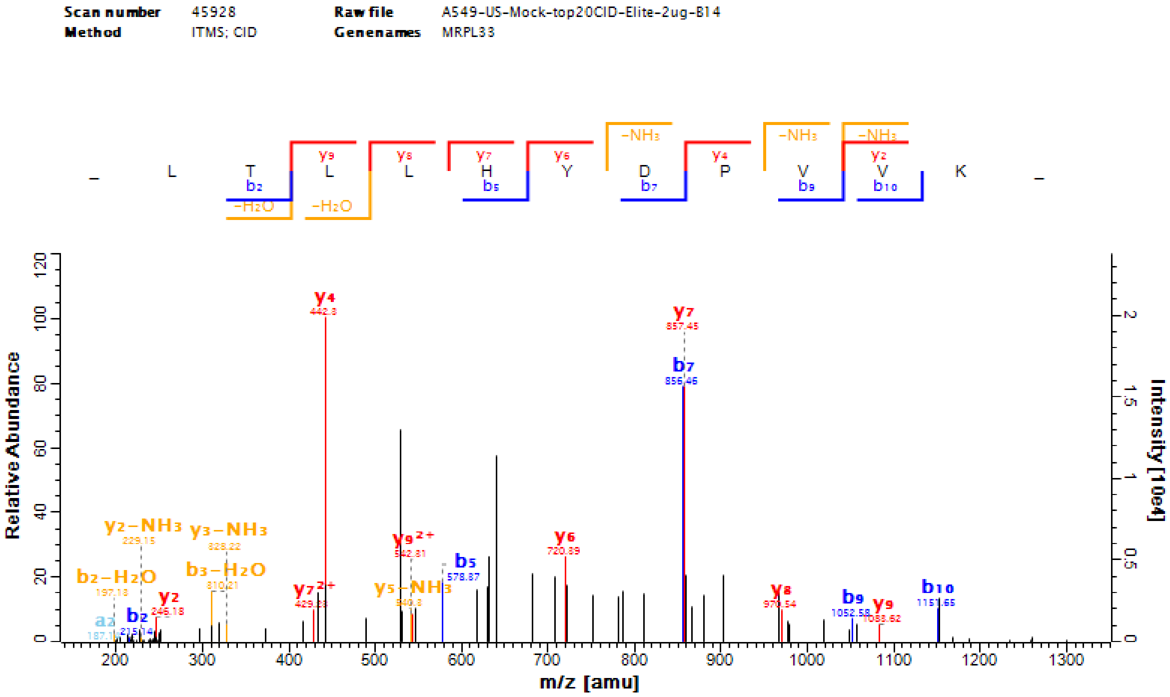


Scan number 62090 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** CNOT3

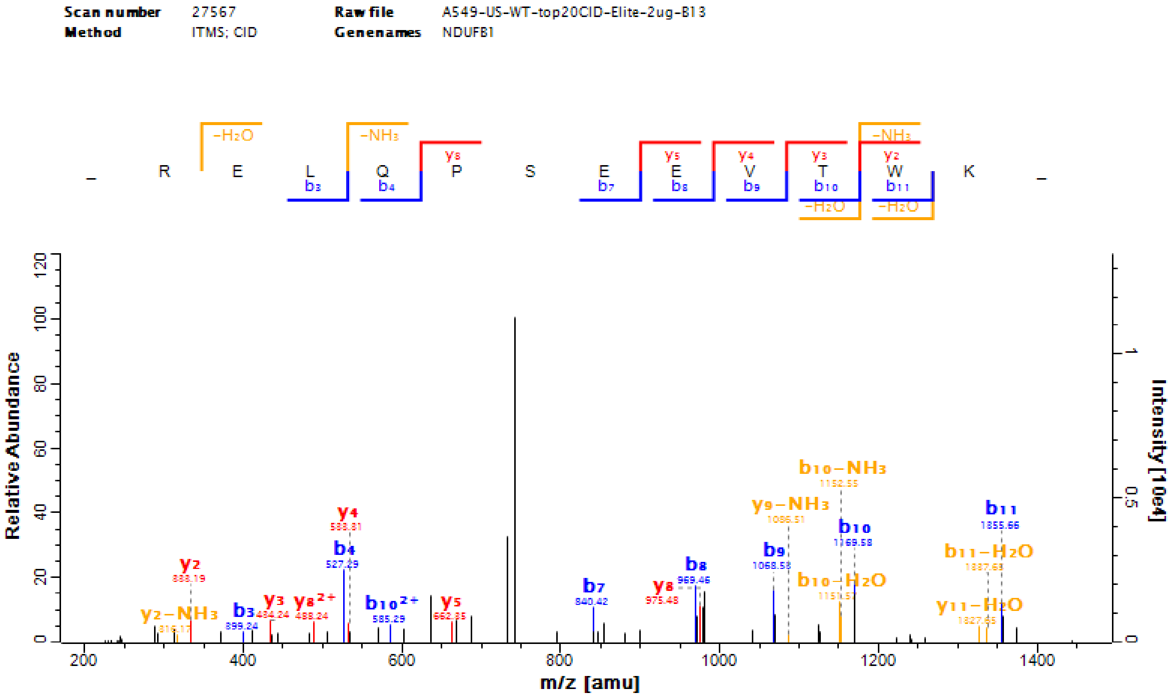
Protein Group ID: 1938
Protein Accession Numbers: O75381; O75381-2
Gene Names: PEX14
Peptide Sequence: ASSEQAEQPSQPSSTPGSENVLPR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 96.718
Best Match Posterior Error Probability: 4.13E-06
Best Match Spectrum:



Protein Group ID: 1940
Protein Accession Numbers: O75394
Gene Names: MRPL33
Peptide Sequence: LTLLHYDPVVK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 87.184
Best Match Posterior Error Probability: 0.0017866
Best Match Spectrum:

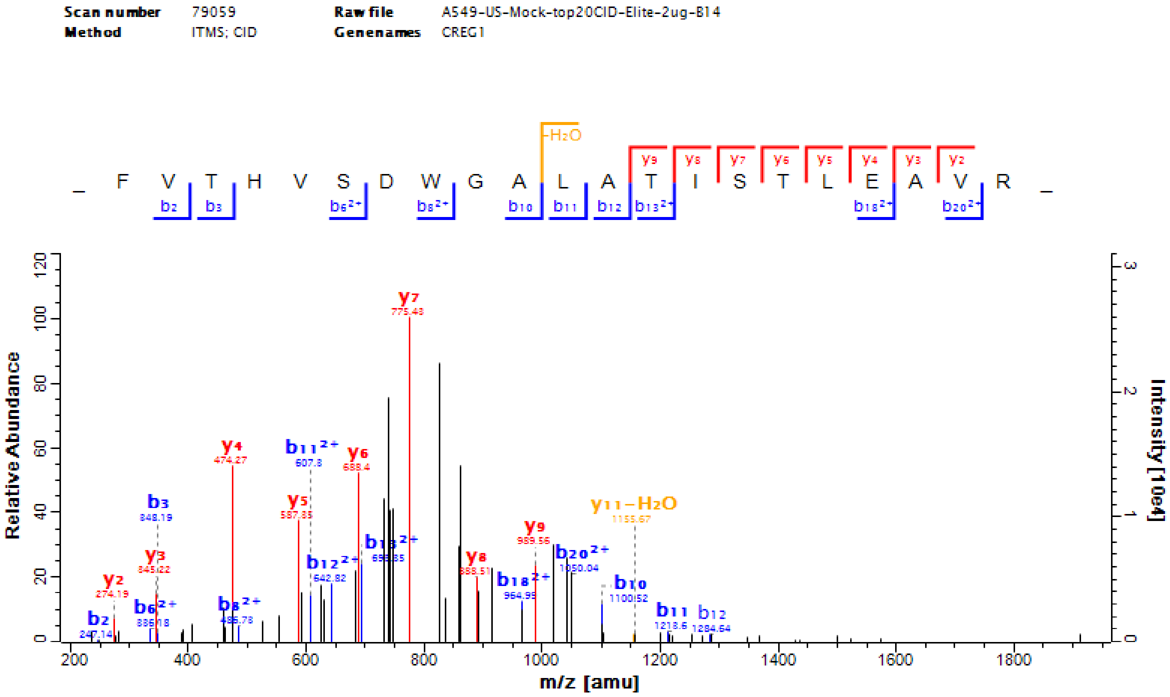


Protein Group ID: 1945
Protein Accession Numbers: O75438-2; O75438
Gene Names: NDUFB1
Peptide Sequence: RELQPSEEVTWK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 102.87
Best Match Posterior Error Probability: 0.0010323
Best Match Spectrum:

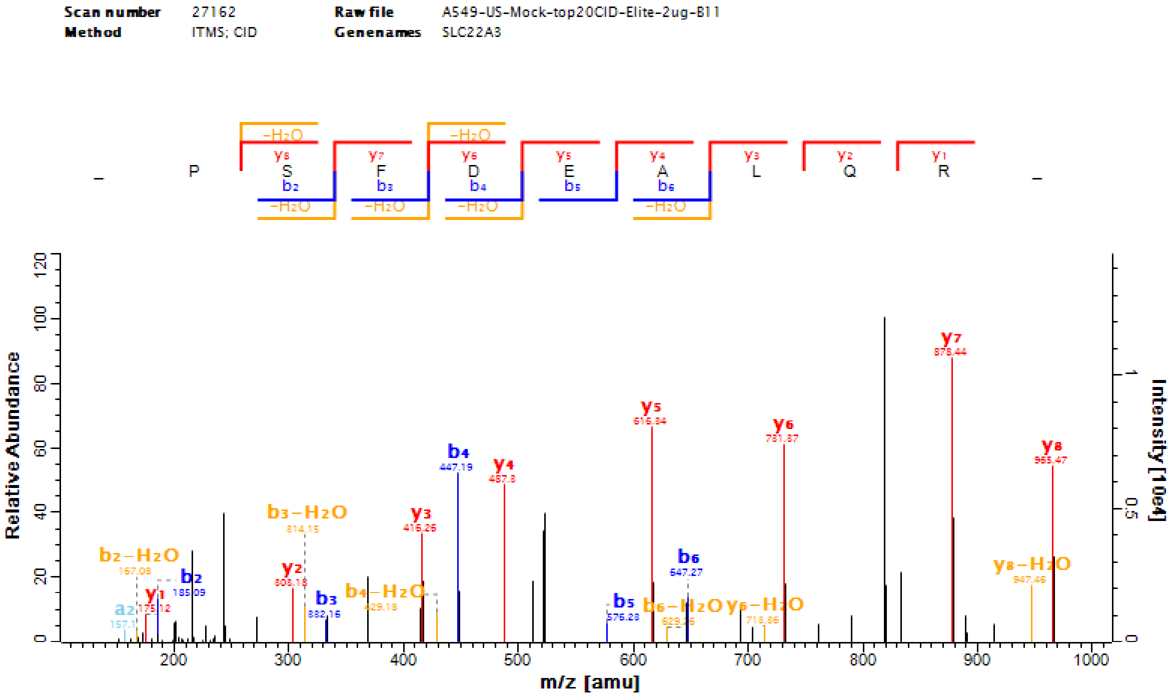


Scan number 27567
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B13
Genenames NDUFB1

Protein Group ID: 1959
Protein Accession Numbers: O75629
Gene Names: CREG1
Peptide Sequence: FVTHVSDWGALATISTLEAVR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 79.676
Best Match Posterior Error Probability: 0.00032886
Best Match Spectrum:

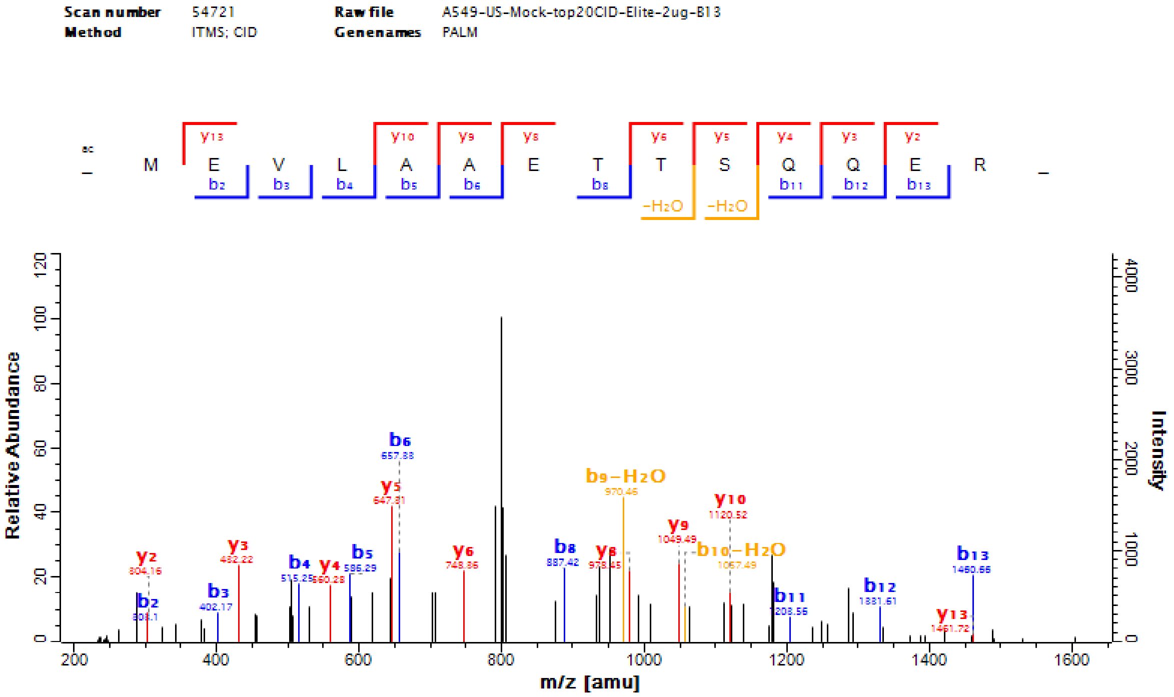


Protein Group ID: 1970
Protein Accession Numbers: Q96KH7; O75751
Gene Names: SLC22A3
Peptide Sequence: PSFDEALQR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 130.66
Best Match Posterior Error Probability: 0.00029753
Best Match Spectrum:

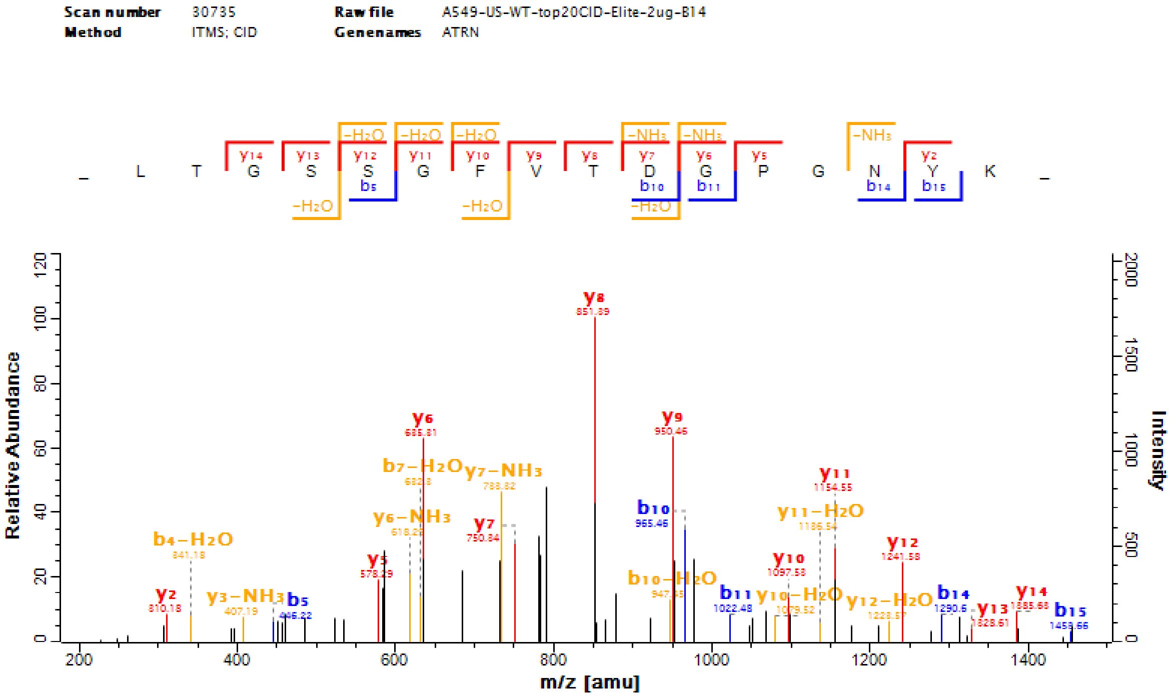


Scan number 27162 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** SLC22A3

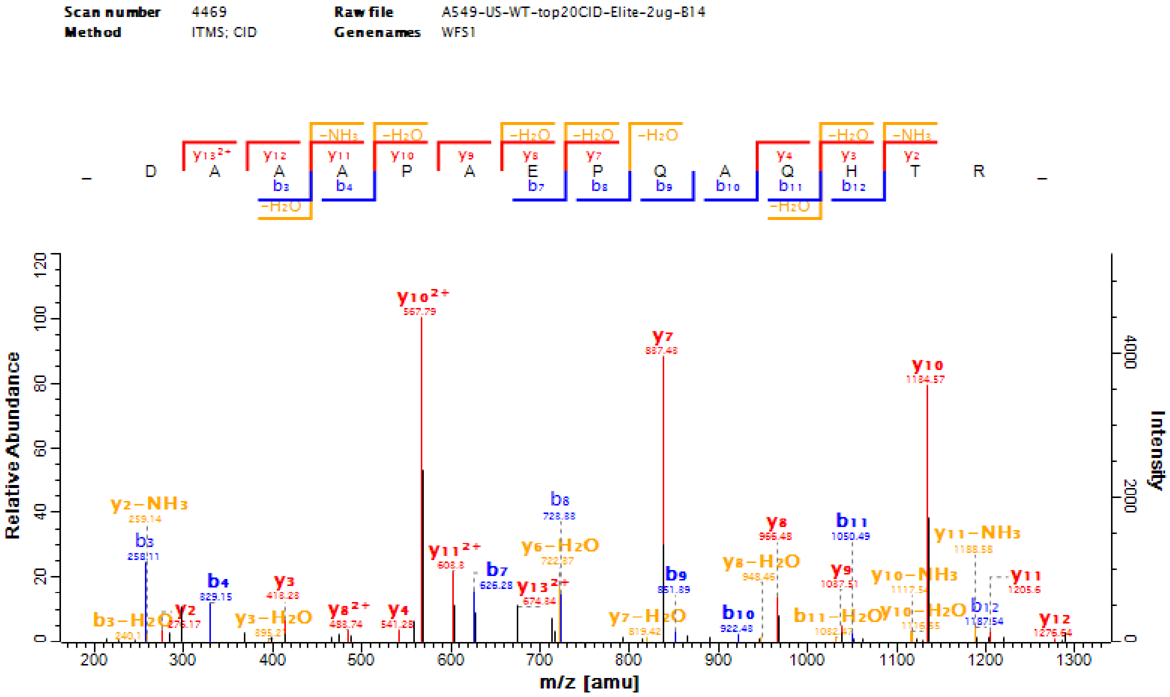
Protein Group ID: 1971
Protein Accession Numbers: O75781; O75781-2
Gene Names: PALM
Peptide Sequence: MEVLAAETTSQQER
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 94.487
Best Match Posterior Error Probability: 0.0010948
Best Match Spectrum:



Protein Group ID: 1981
Protein Accession Numbers: O75882; O75882-2; O75882-3
Gene Names: ATRN
Peptide Sequence: LTGSSGFVTDGPGNYK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 100.23
Best Match Posterior Error Probability: 0.0020664
Best Match Spectrum:

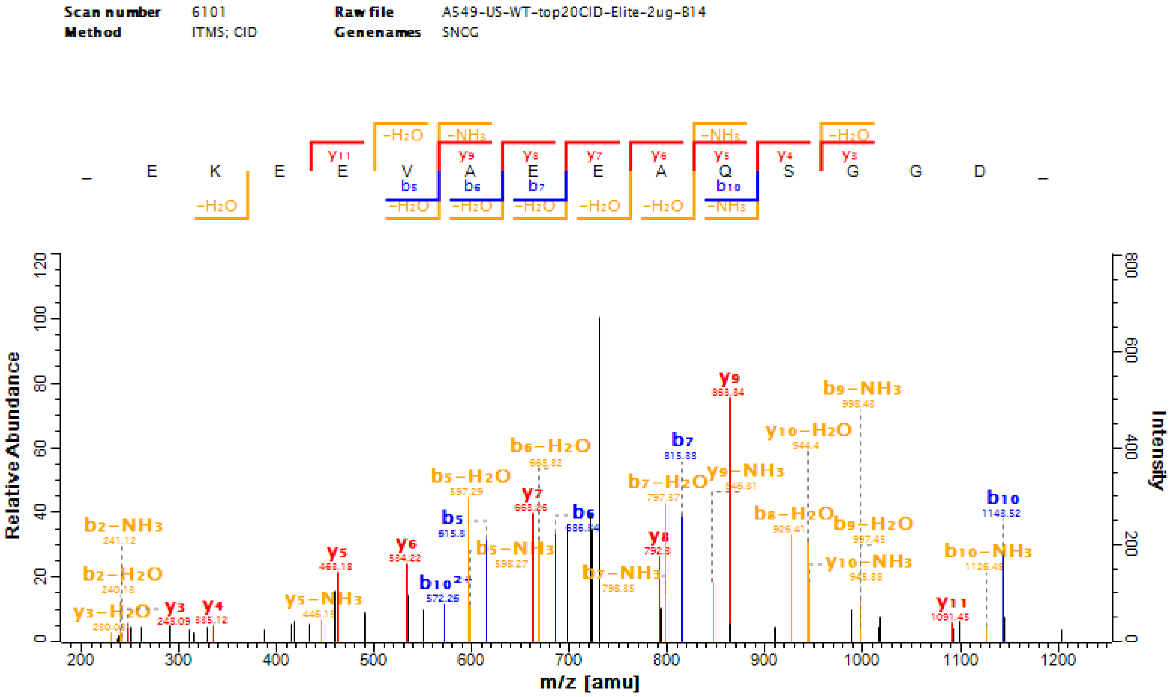


Protein Group ID: 1993
Protein Accession Numbers: O76024
Gene Names: WFS1
Peptide Sequence: DAAAPAEPQAQHTR
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 185.95
Best Match Posterior Error Probability: 2.98E-19
Best Match Spectrum:

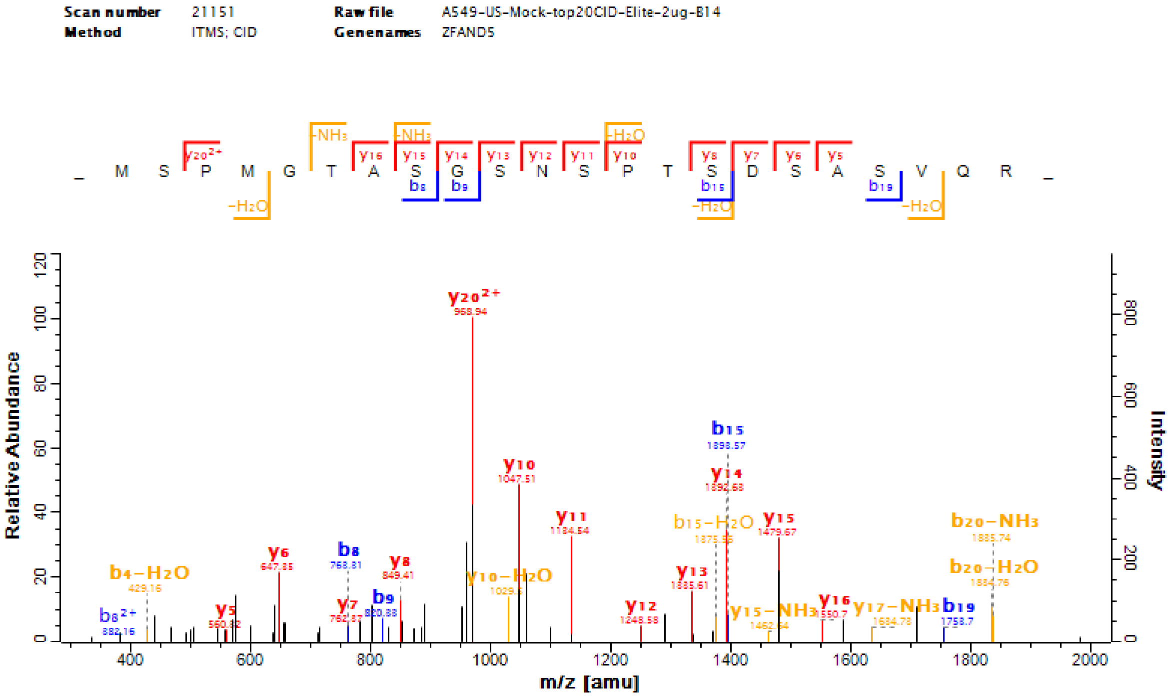


Scan number 4469 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** WFS1

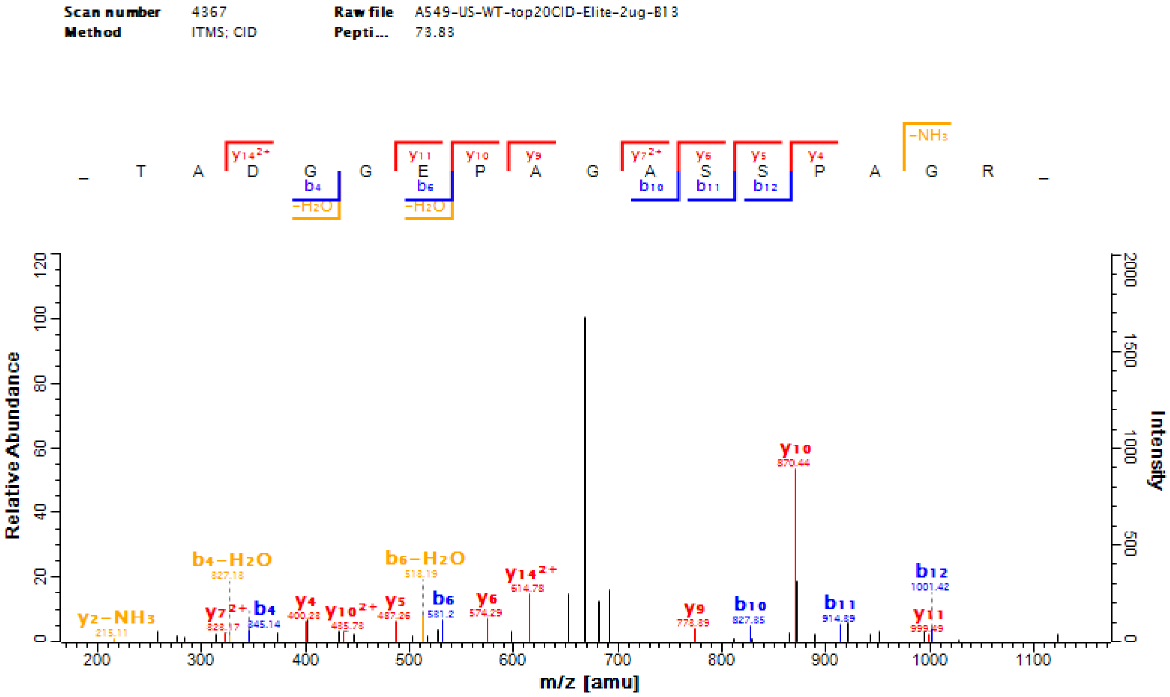
Protein Group ID: 1996
Protein Accession Numbers: O76070
Gene Names: SNCG
Peptide Sequence: EKEEVAEEAQSGGD
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 132.97
Best Match Posterior Error Probability: 0.00019455
Best Match Spectrum:



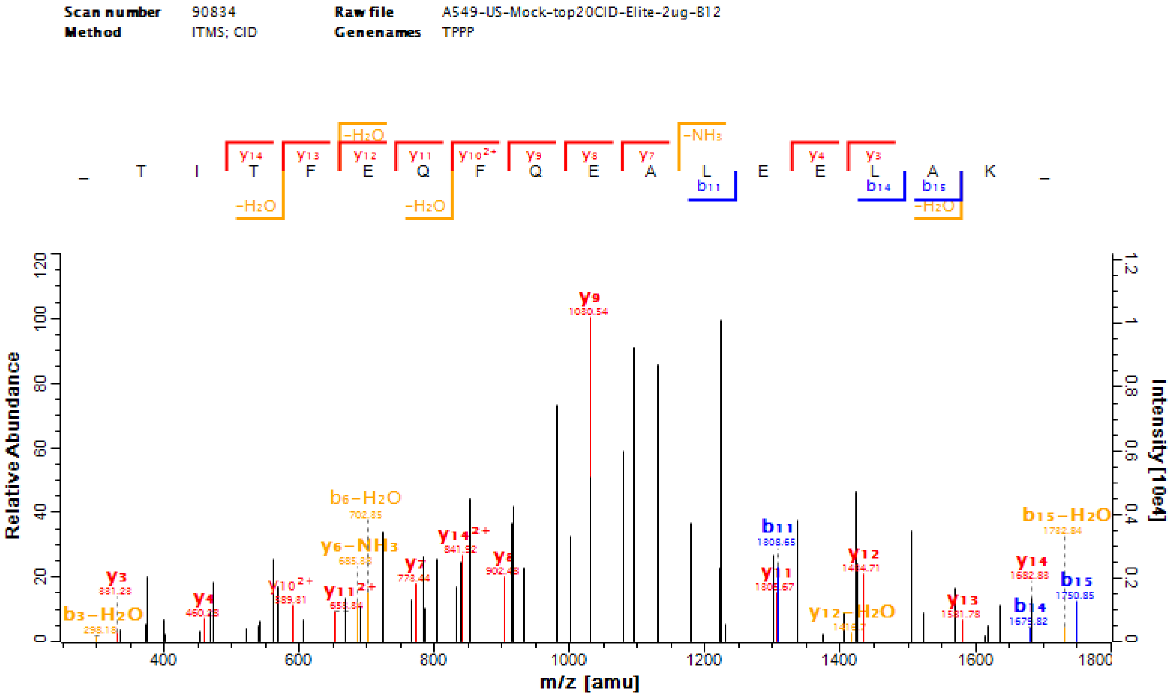
Protein Group ID: 1998
Protein Accession Numbers: O76080; Q5QPB1
Gene Names: ZFAND5
Peptide Sequence: MSPMGTASGSNSPTSDSASVQR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 76.492
Best Match Posterior Error Probability: 0.00018973
Best Match Spectrum:



Protein Group ID: 1999
Protein Accession Numbers: O76081-6
Gene Names:
Peptide Sequence: TADGGEPAGASSPAGR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 73.834
Best Match Posterior Error Probability: 0.0037142
Best Match Spectrum:

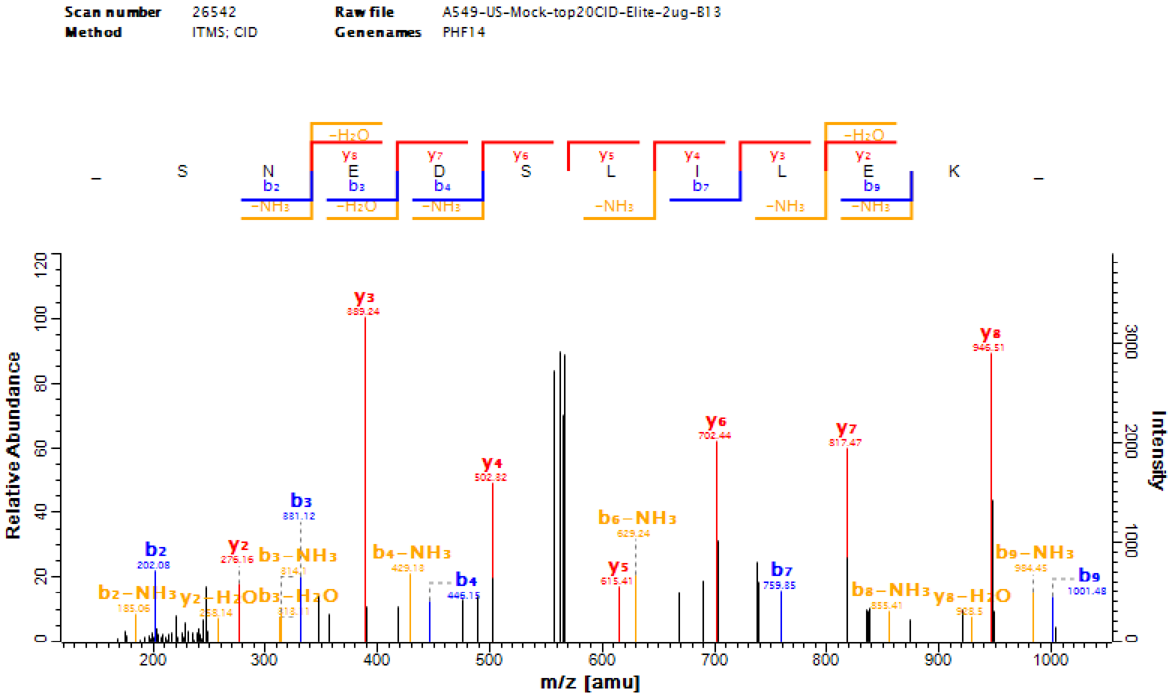


Protein Group ID: 2004
Protein Accession Numbers: O94811
Gene Names: TPPP
Peptide Sequence: TITFEQFQEALEELAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 74.428
Best Match Posterior Error Probability: 0.0034311
Best Match Spectrum:

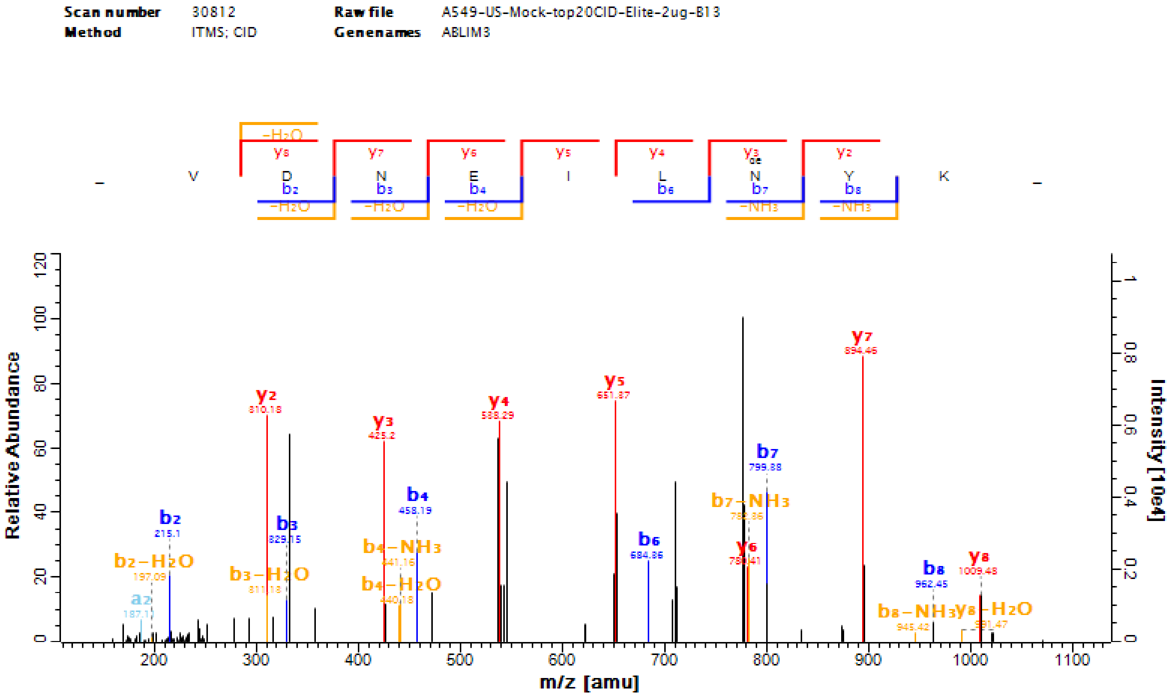


Scan number 90834
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B12
Genenames TPPP

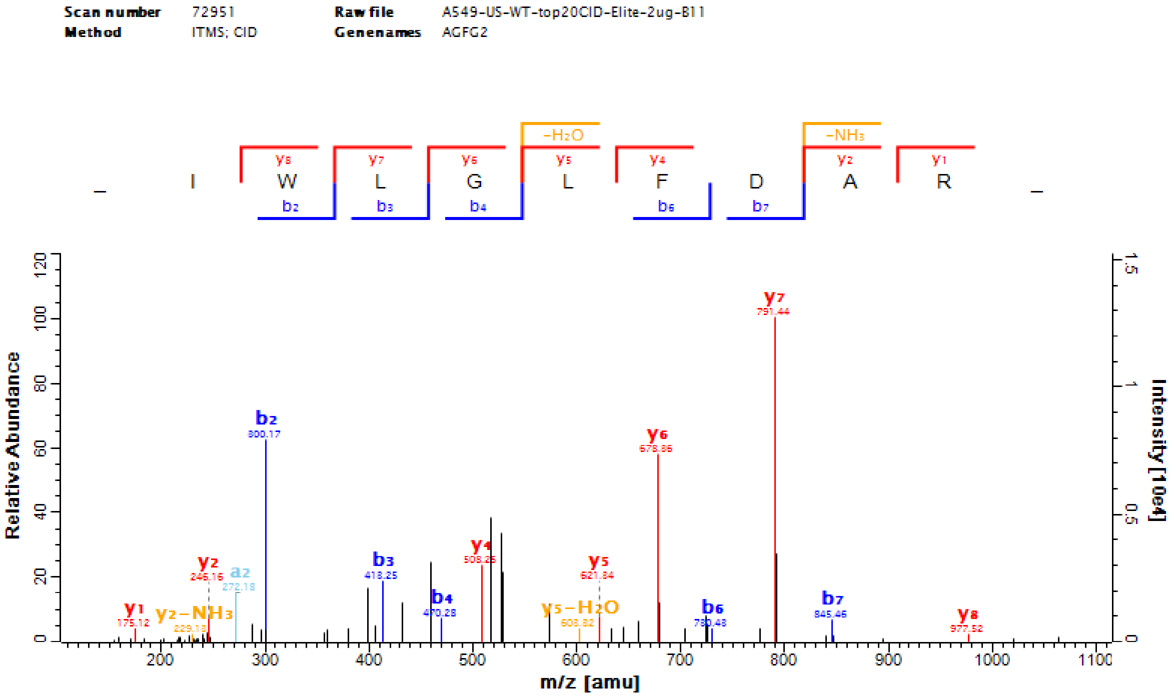
Protein Group ID: 2010
Protein Accession Numbers: O94880
Gene Names: PHF14
Peptide Sequence: SNEDSLILEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 113.22
Best Match Posterior Error Probability: 0.000264
Best Match Spectrum:



Protein Group ID: 2017
Protein Accession Numbers: O94929
Gene Names: ABLIM3
Peptide Sequence: VDNEILNYK
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 133.23
Best Match Posterior Error Probability: 0.0002056
Best Match Spectrum:

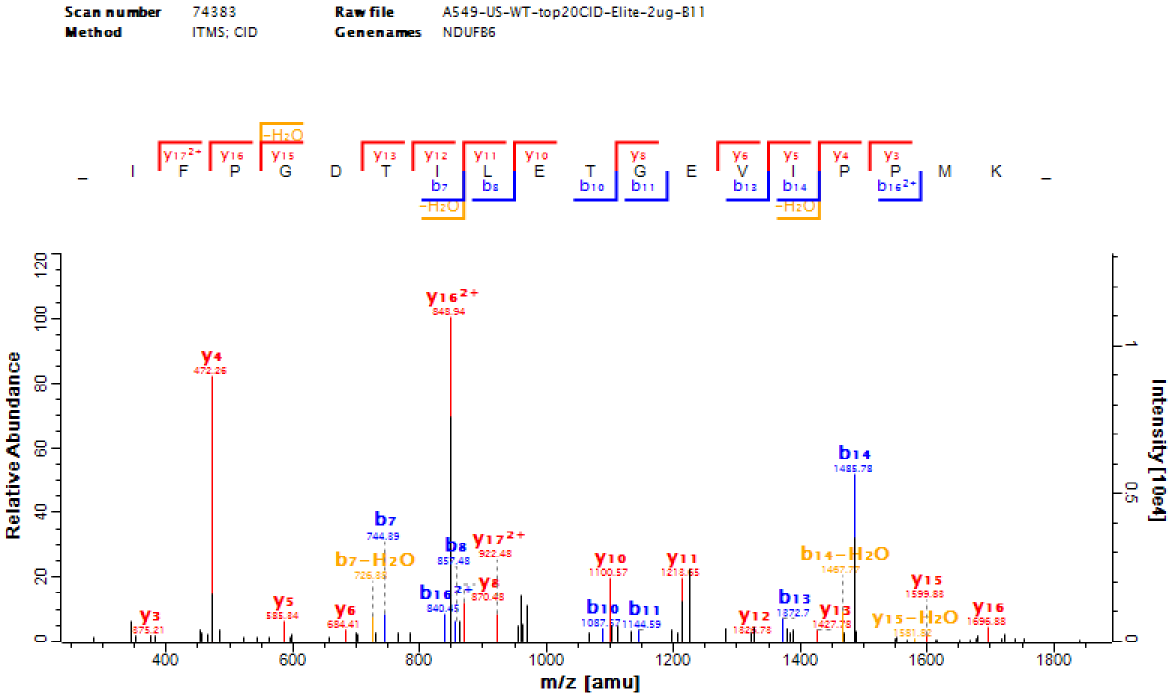


Protein Group ID: 2020
Protein Accession Numbers: O95081; O95081-2
Gene Names: AGFG2
Peptide Sequence: IWLGLFDAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 104.2
Best Match Posterior Error Probability: 0.0014418
Best Match Spectrum:

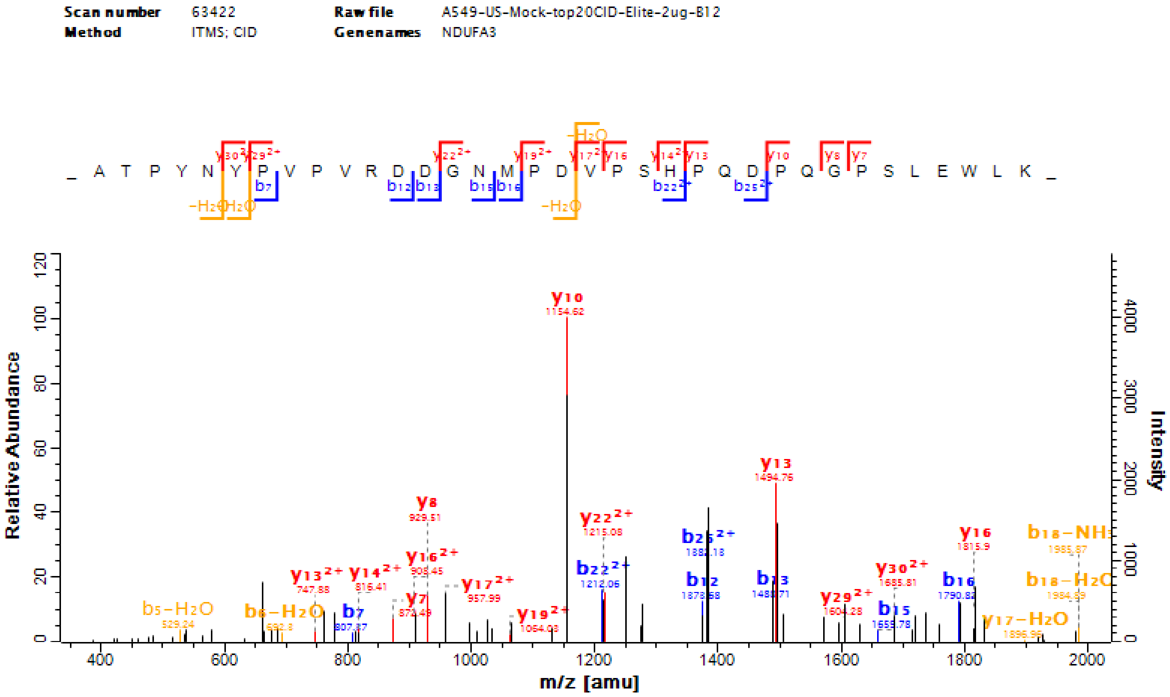


Scan number 72951 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** AGFG2

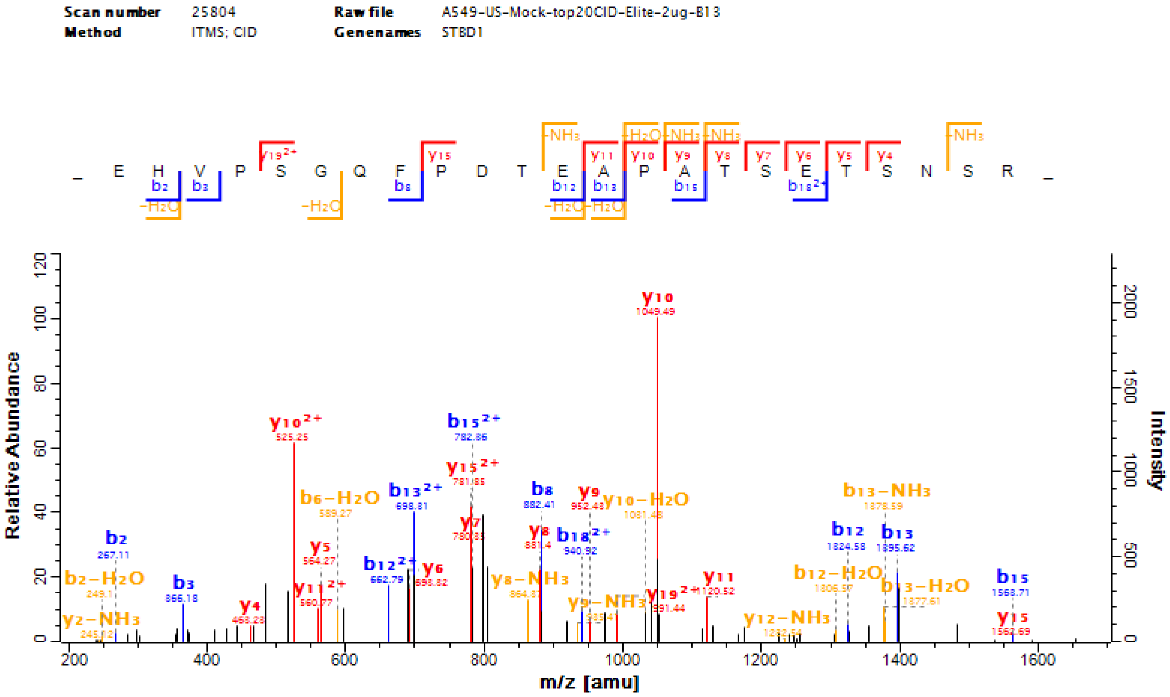
Protein Group ID: 2021
Protein Accession Numbers: O95139
Gene Names: NDUFB6
Peptide Sequence: IFPGDTILETGEVIPPMK
Total Number of Spectra: 17
Number of Replicates (out of 8): 8
Best Match Score: 111.22
Best Match Posterior Error Probability: 5.50E-05
Best Match Spectrum:



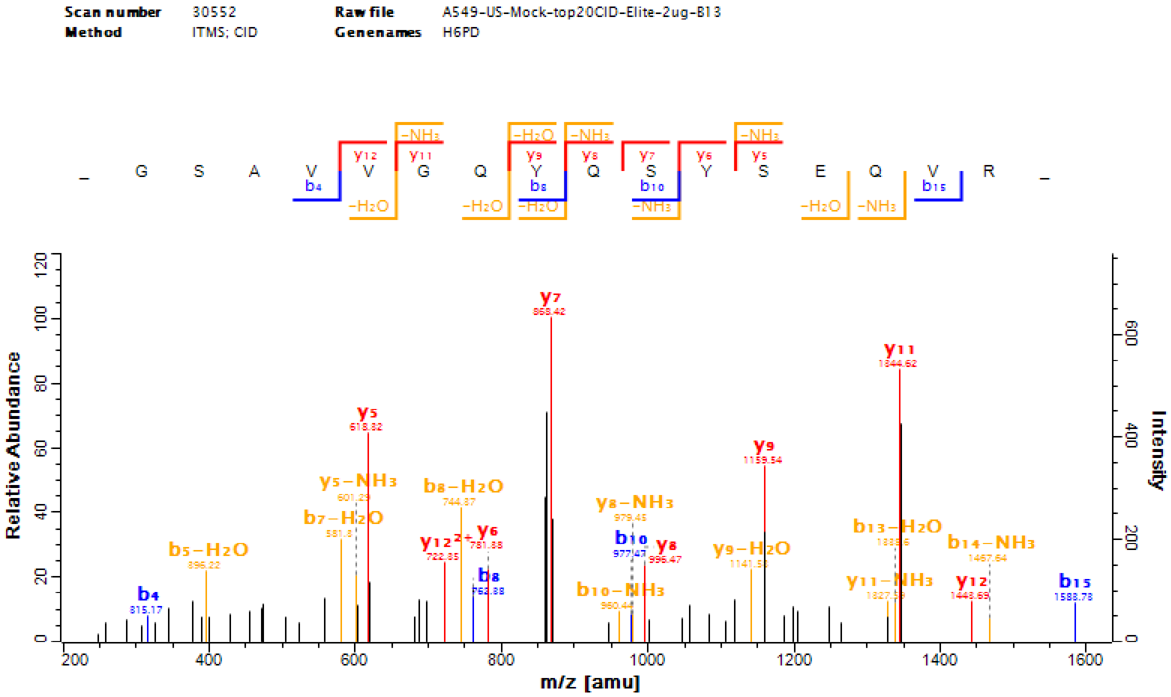
Protein Group ID: 2026
Protein Accession Numbers: O95167
Gene Names: NDUFA3
Peptide Sequence: ATPYNYPVPVRDDGNMPDVPSHPQDPQGPSLEWLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 51.758
Best Match Posterior Error Probability: 0.0017709
Best Match Spectrum:



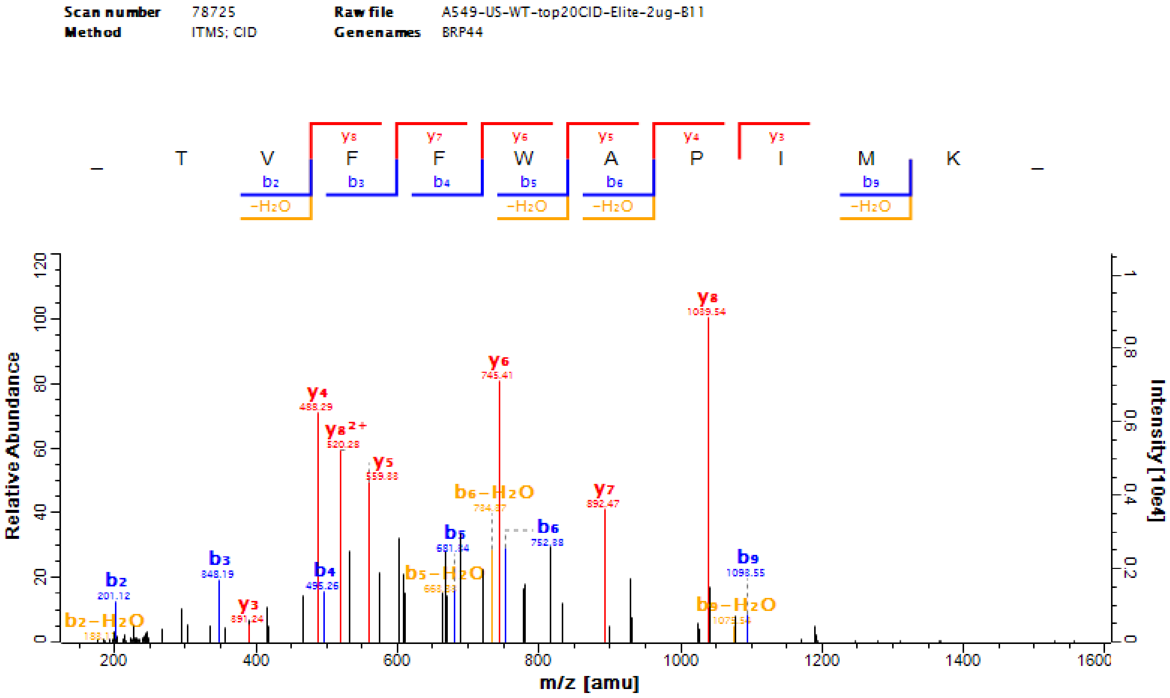
Protein Group ID: 2029
Protein Accession Numbers: O95210
Gene Names: STBD1
Peptide Sequence: EHVPSGQFPDTEAPATSETSNSR
Total Number of Spectra: 12
Number of Replicates (out of 8): 7
Best Match Score: 124.69
Best Match Posterior Error Probability: 2.97E-11
Best Match Spectrum:



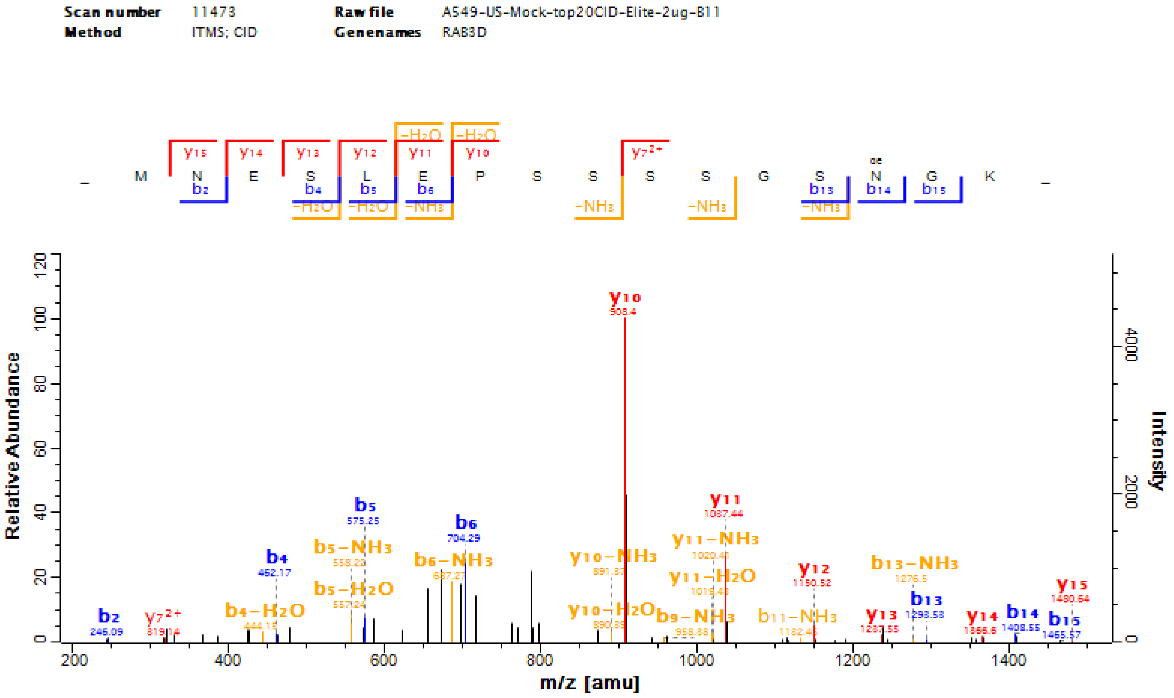
Protein Group ID: 2055
Protein Accession Numbers: O95479
Gene Names: H6PD
Peptide Sequence: GSAVVGQYQSYSEQVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 95.428
Best Match Posterior Error Probability: 0.0030653
Best Match Spectrum:



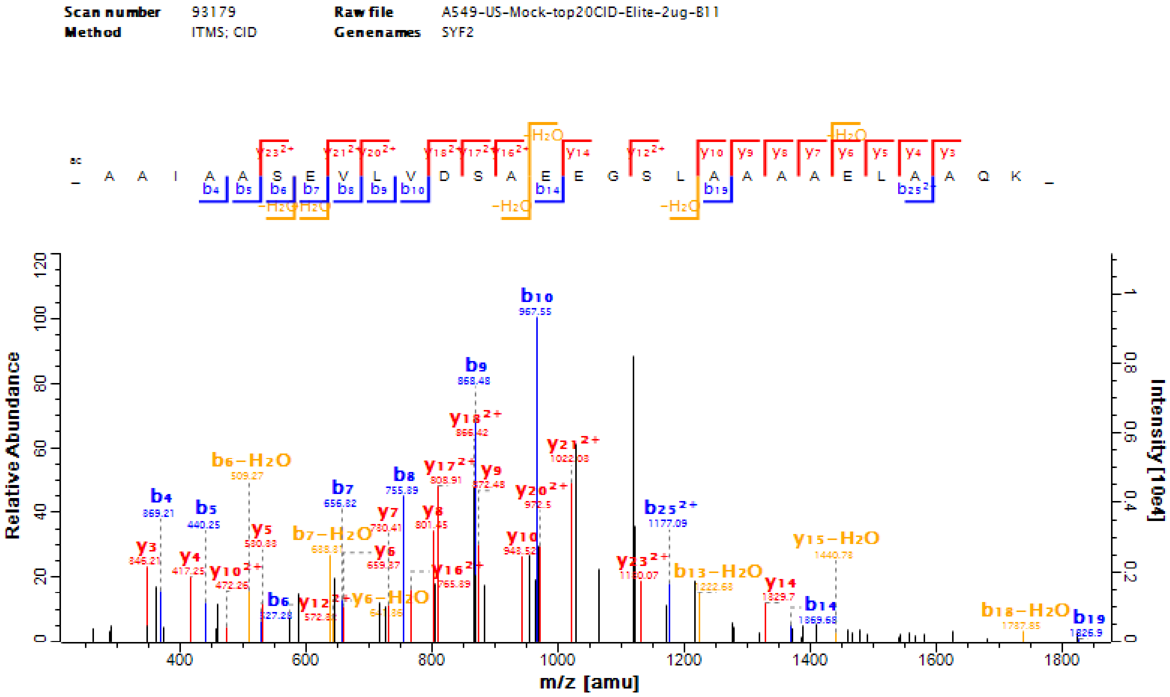
Protein Group ID: 2058
Protein Accession Numbers: O95563; Q5R3B4
Gene Names: BRP44
Peptide Sequence: TVFFWAPIMK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 109.29
Best Match Posterior Error Probability: 0.00037245
Best Match Spectrum:



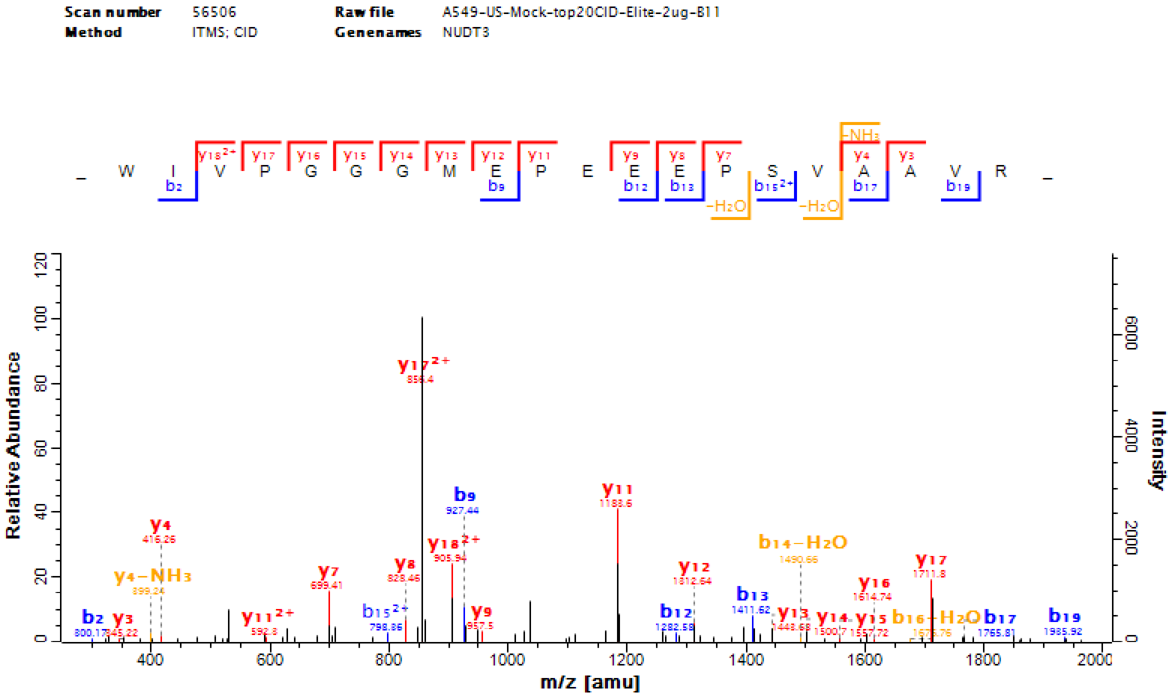
Protein Group ID: 2067
Protein Accession Numbers: O95716
Gene Names: RAB3D
Peptide Sequence: MNESLEPSSSSGSNGK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 118.21
Best Match Posterior Error Probability: 0.00045235
Best Match Spectrum:



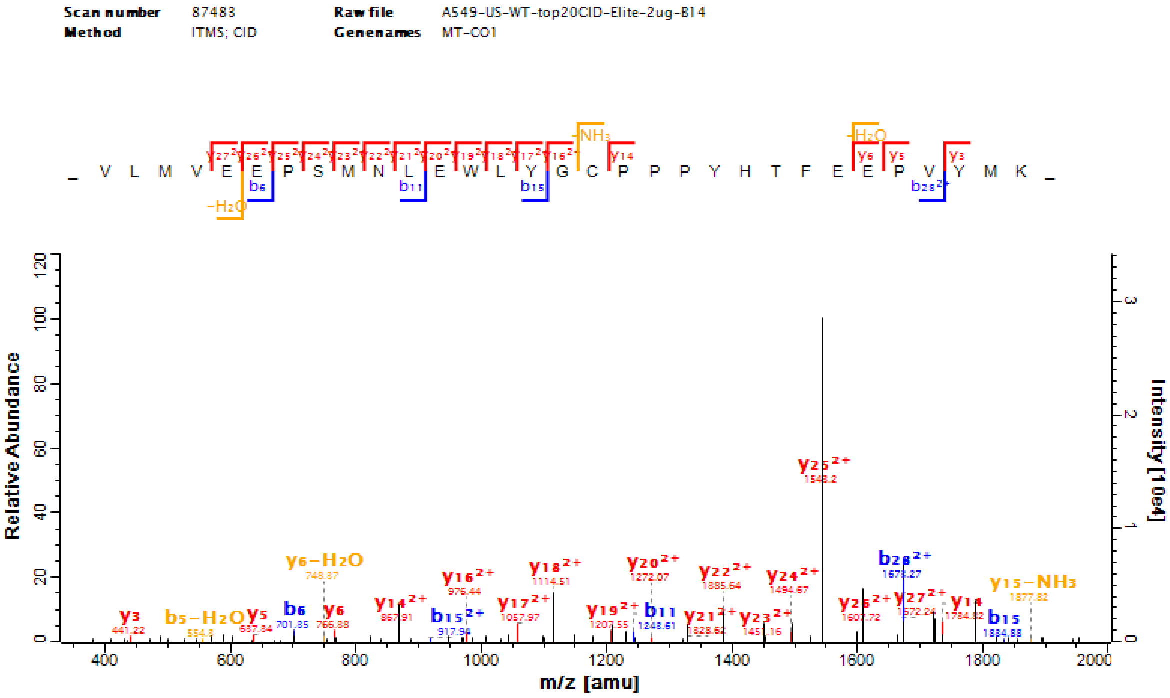
Protein Group ID: 2082
Protein Accession Numbers: O95926
Gene Names: SYF2
Peptide Sequence: AAIAASEVLVDSAEEGSLAAAAELAAQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 119.34
Best Match Posterior Error Probability: 1.05E-12
Best Match Spectrum:



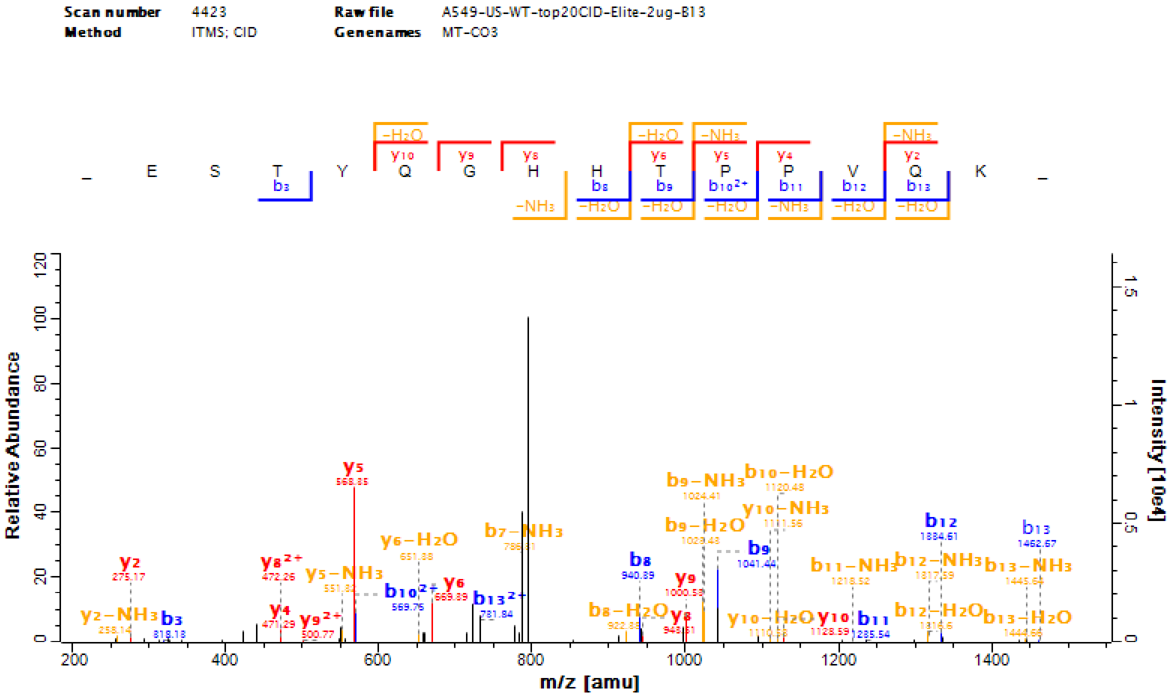
Protein Group ID: 2083
Protein Accession Numbers: O95989
Gene Names: NUDT3
Peptide Sequence: WIVPGGGMEPEEEPSVAAVR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 83.423
Best Match Posterior Error Probability: 0.00037585
Best Match Spectrum:



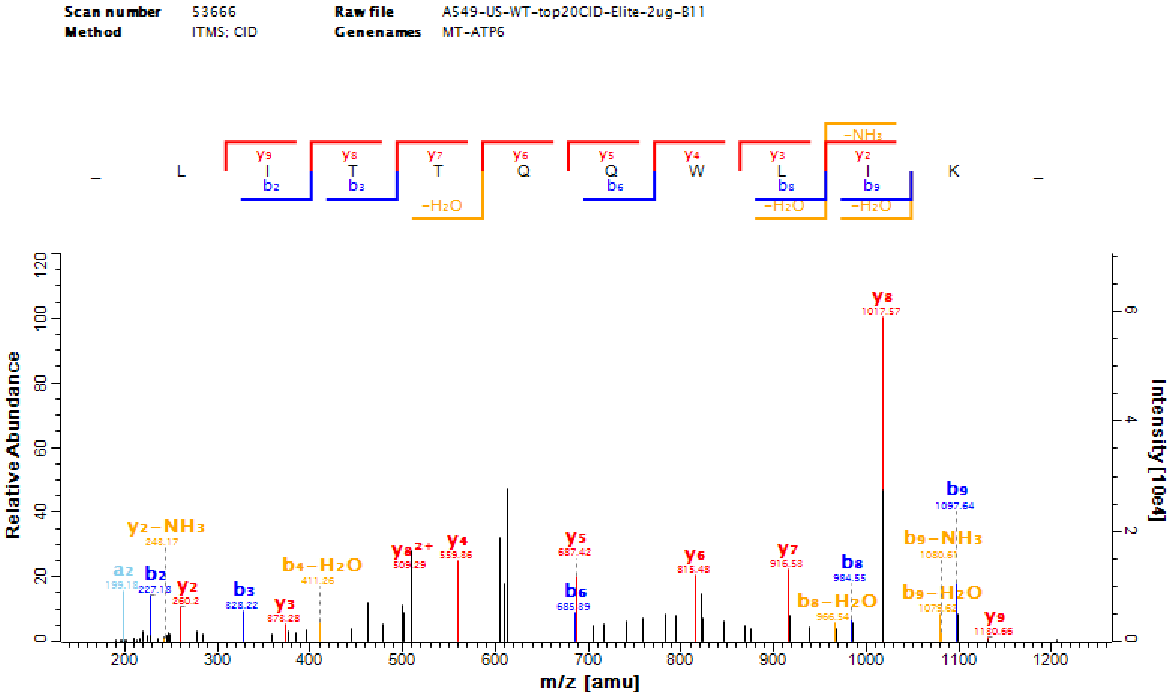
Protein Group ID: 2098
Protein Accession Numbers: P00395
Gene Names: MT-CO1
Peptide Sequence: VLMVEEPSMNLEWLYGCPPPYHTFEEPVYMK
Total Number of Spectra: 10
Number of Replicates (out of 8): 5
Best Match Score: 76.799
Best Match Posterior Error Probability: 2.91E-06
Best Match Spectrum:



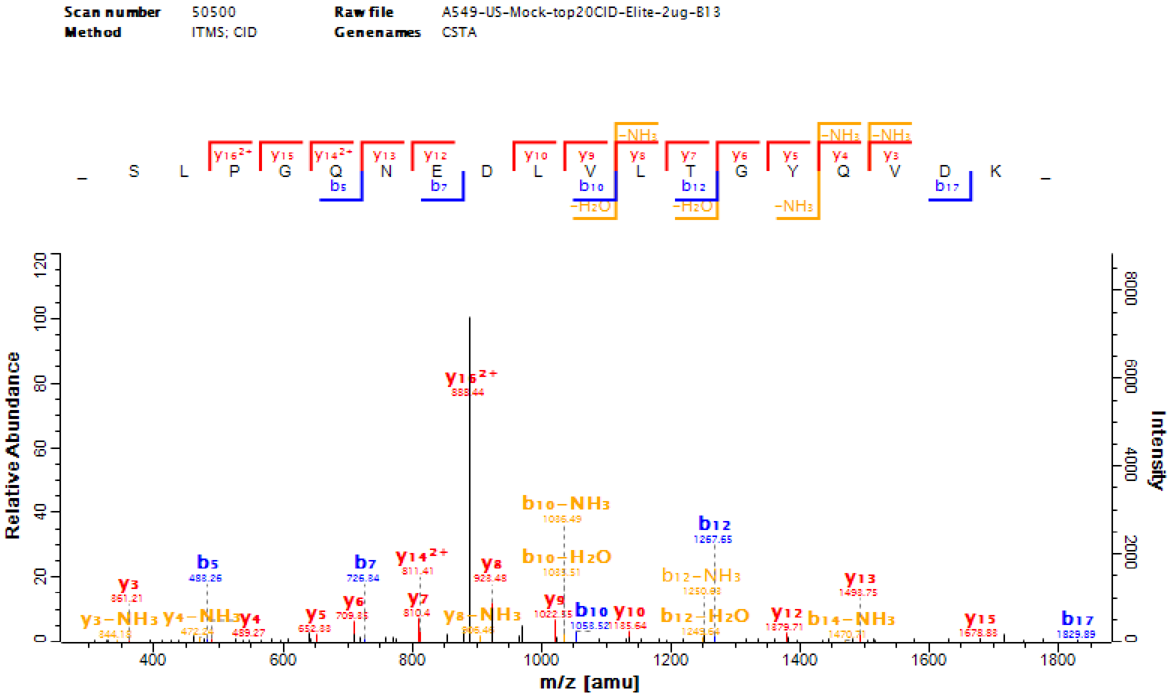
Protein Group ID: 2100
Protein Accession Numbers: P00414
Gene Names: MT-CO3
Peptide Sequence: ESTYQGHHTPPVQK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 193.28
Best Match Posterior Error Probability: 1.03E-24
Best Match Spectrum:



Protein Group ID: 2109
Protein Accession Numbers: P00846
Gene Names: MT-ATP6
Peptide Sequence: LITTQQWLIK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 135.86
Best Match Posterior Error Probability: 8.77E-06
Best Match Spectrum:

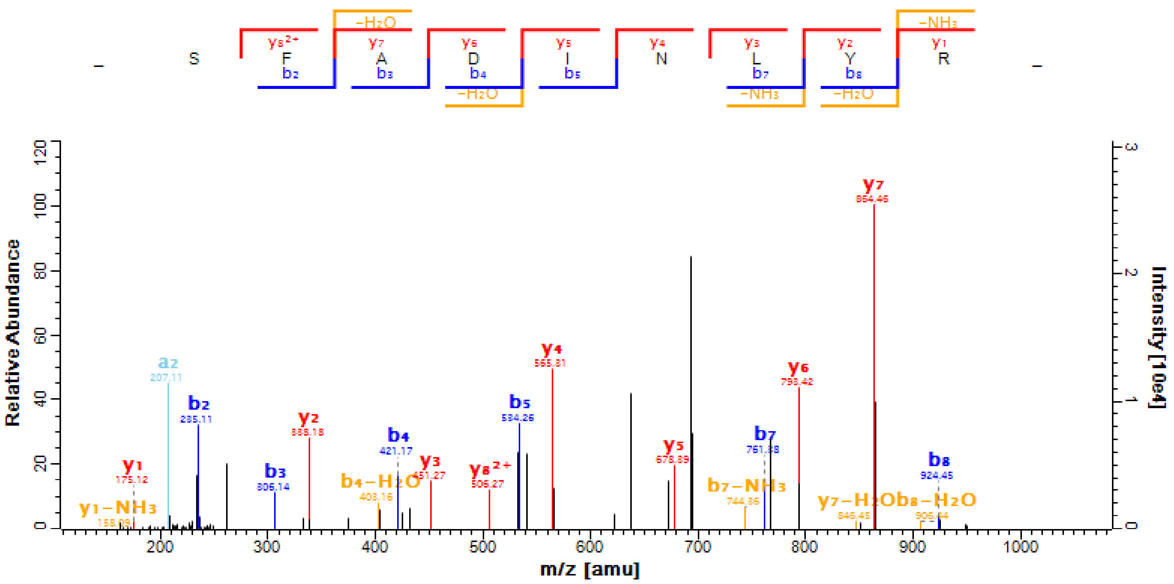


Protein Group ID: 2114
Protein Accession Numbers: P01040
Gene Names: CSTA
Peptide Sequence: SLPGQNEDLVLTGYQVDK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 104.89
Best Match Posterior Error Probability: 0.00011537
Best Match Spectrum:

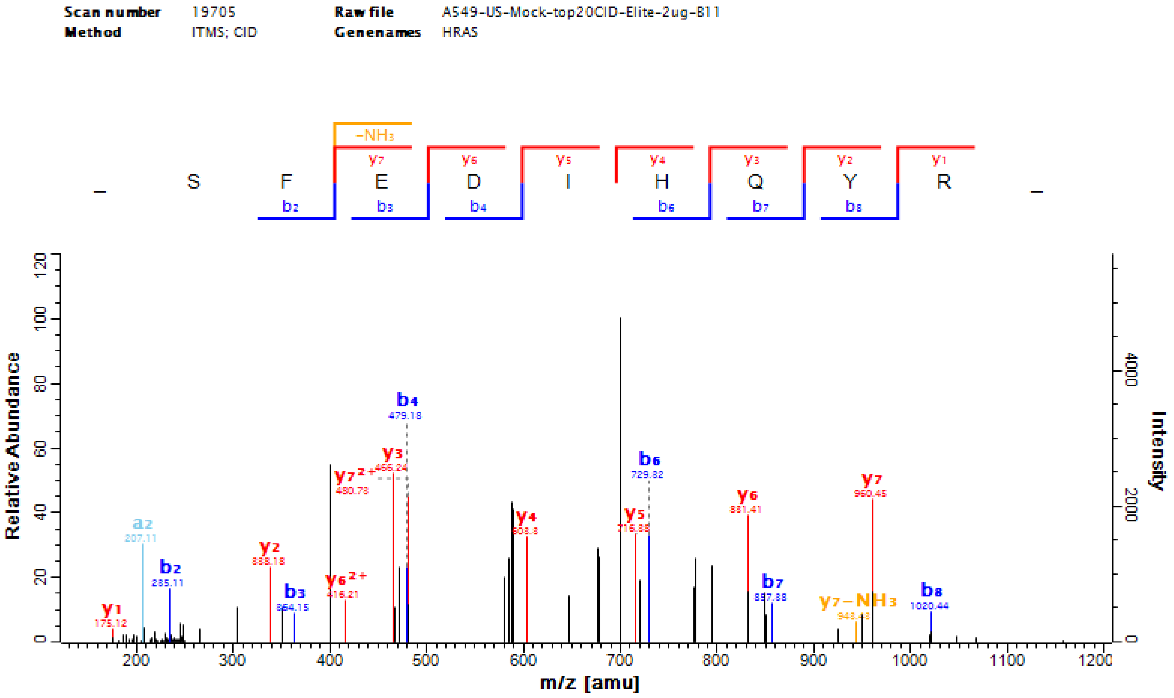


Protein Group ID: 2115
Protein Accession Numbers: P01111
Gene Names: NRAS
Peptide Sequence: SFADINLYR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 128.86
Best Match Posterior Error Probability: 0.00016337
Best Match Spectrum:

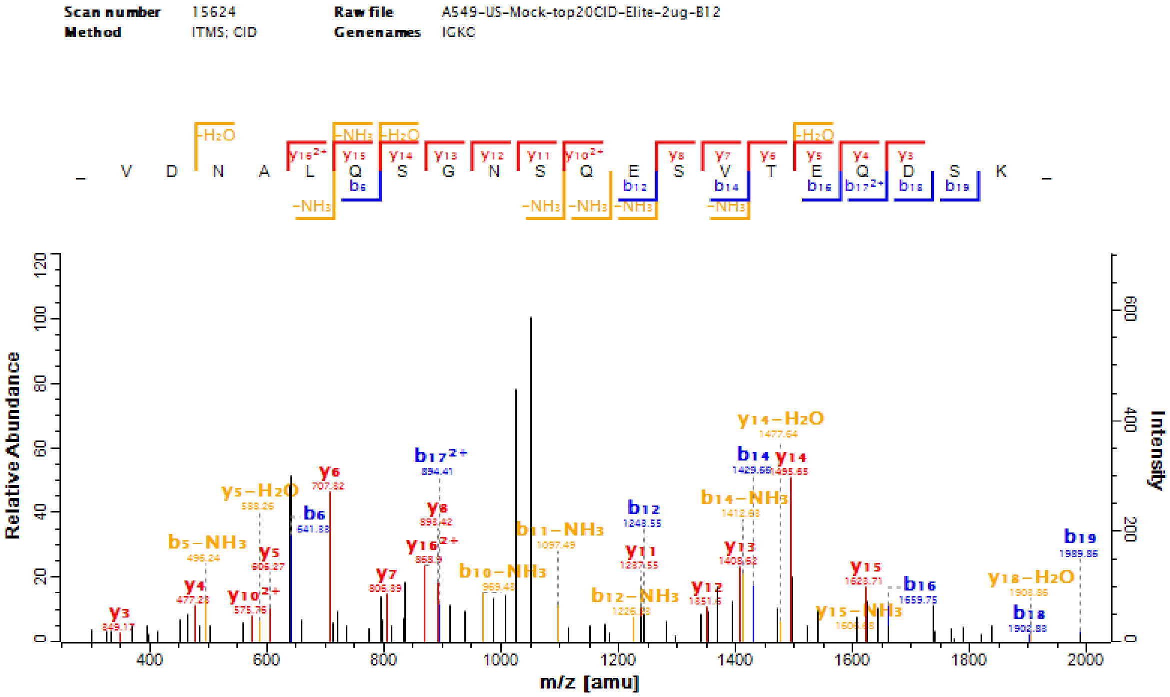
Scan number 45925 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** NRAS



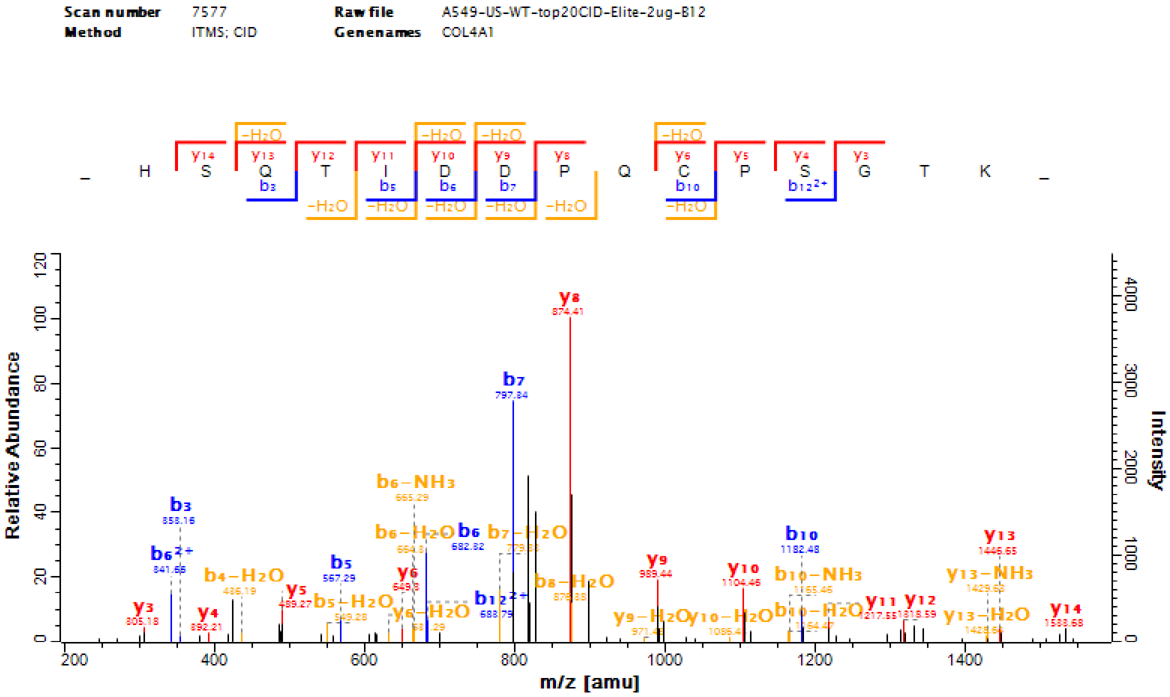
Protein Group ID: 2116
Protein Accession Numbers: P01112; P01112-2
Gene Names: HRAS
Peptide Sequence: SFEDIHQYR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 121.73
Best Match Posterior Error Probability: 0.00032853
Best Match Spectrum:



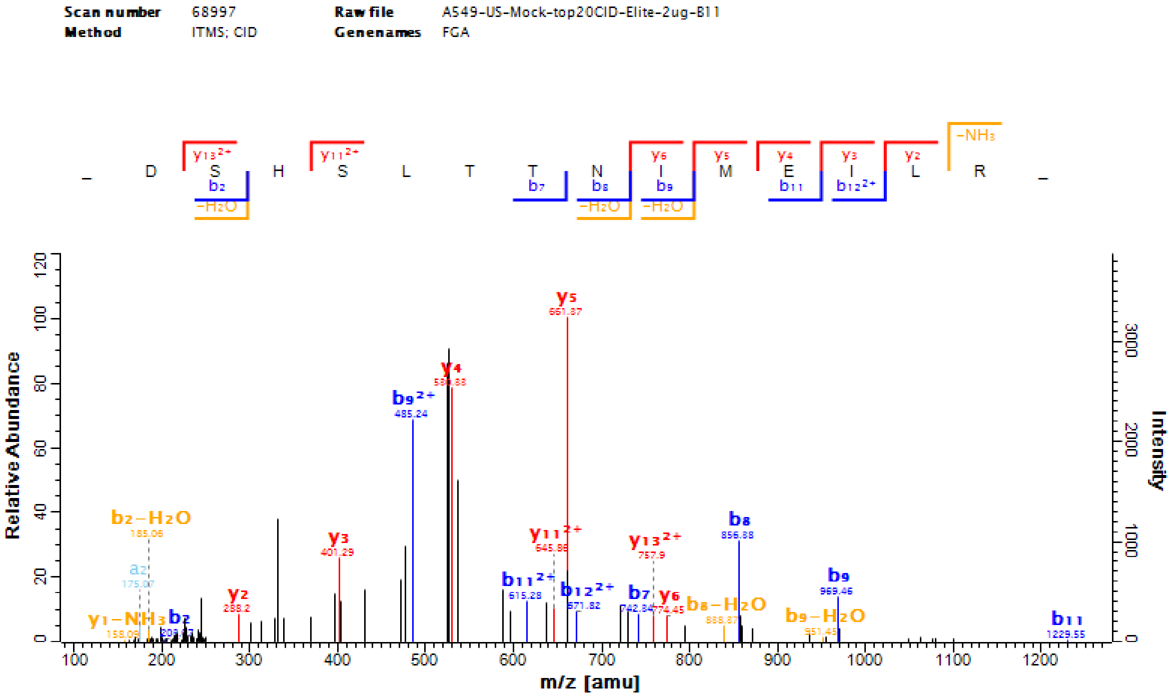
Protein Group ID: 2118
Protein Accession Numbers: P01834
Gene Names: IGKC
Peptide Sequence: VDNALQSGNSQESVTEQDSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 99.409
Best Match Posterior Error Probability: 0.00011482
Best Match Spectrum:



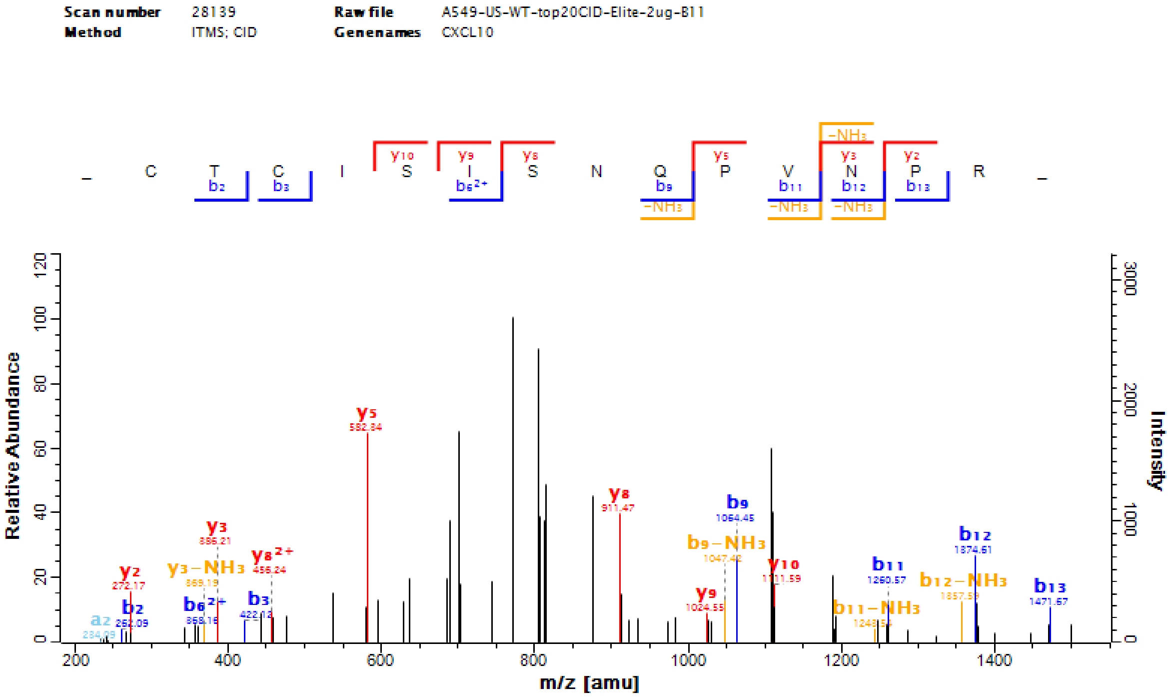
Protein Group ID: 2119
Protein Accession Numbers: P02462; P02462-2
Gene Names: COL4A1
Peptide Sequence: HSQTIDDPQCPSGTK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 174.59
Best Match Posterior Error Probability: 2.68E-14
Best Match Spectrum:



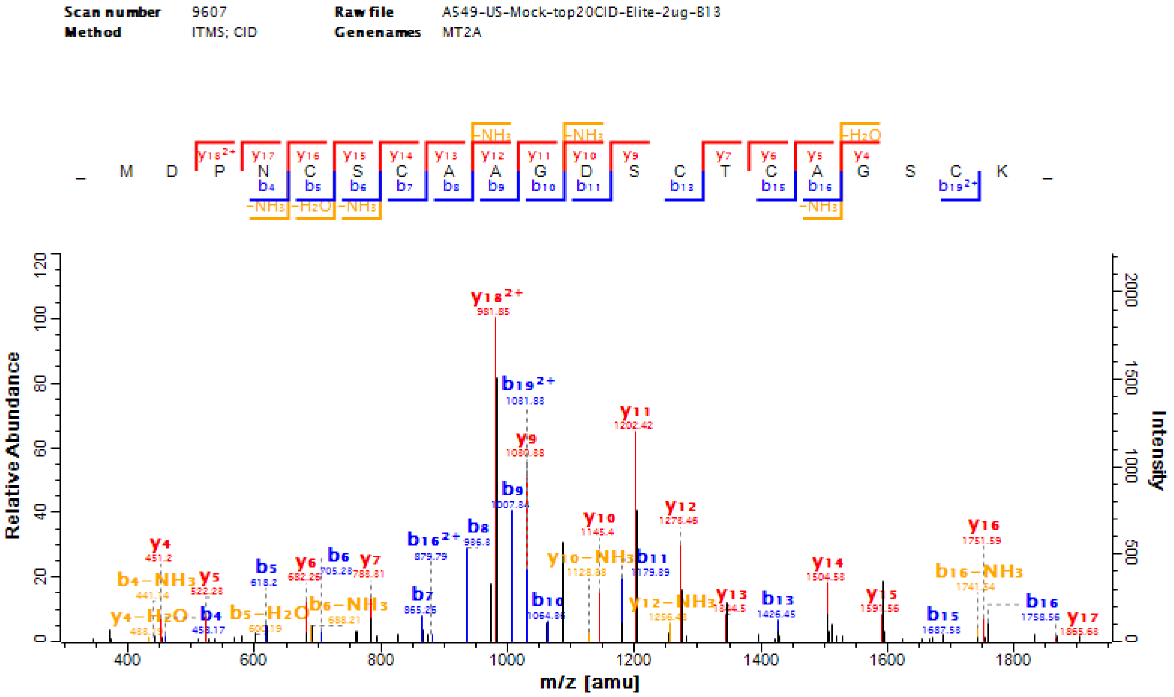
Protein Group ID: 2122
Protein Accession Numbers: P02671; P02671-2
Gene Names: FGA
Peptide Sequence: DSHSLTTNIMEILR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 82.202
Best Match Posterior Error Probability: 0.0027053
Best Match Spectrum:



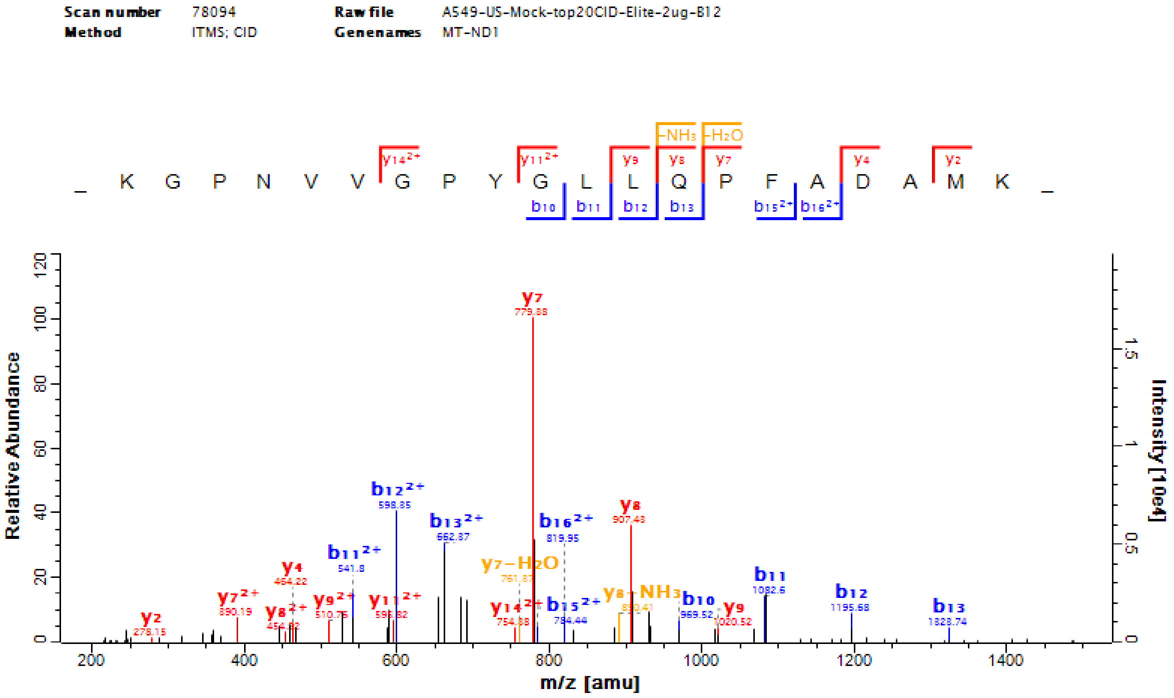
Protein Group ID: 2123
Protein Accession Numbers: P02778
Gene Names: CXCL10
Peptide Sequence: CTCISISNQPVNPR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 92.039
Best Match Posterior Error Probability: 0.0010033
Best Match Spectrum:



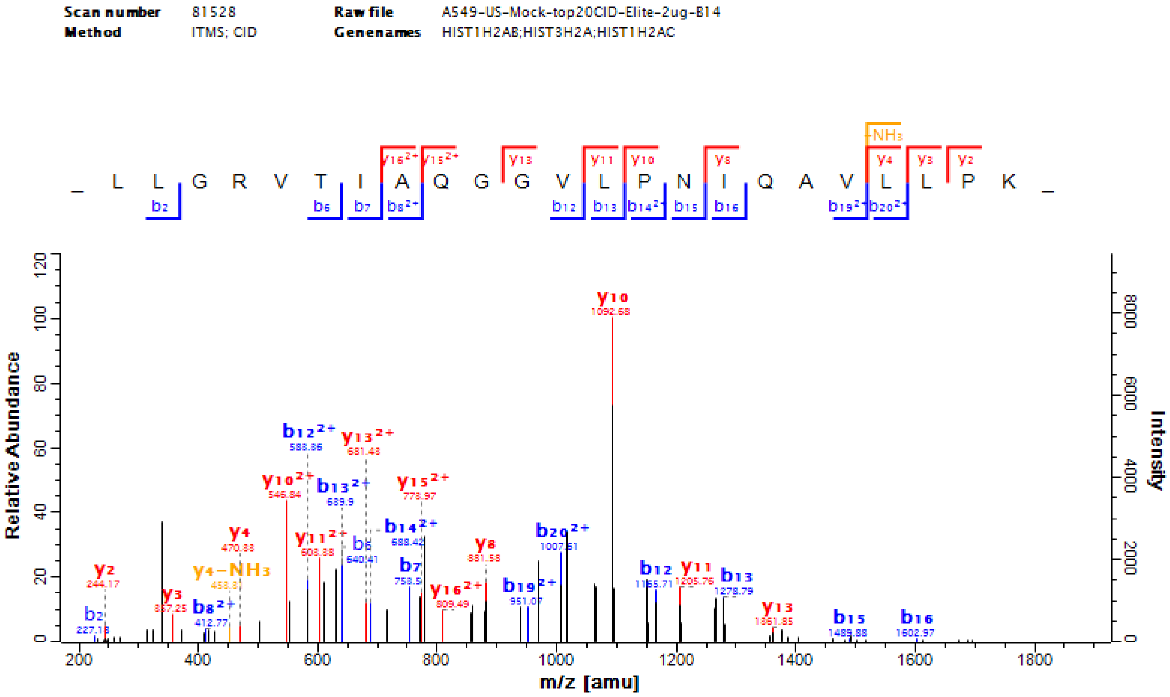
Protein Group ID: 2128
Protein Accession Numbers: P02795; H3BSP9
Gene Names: MT2A
Peptide Sequence: MDPNCSCAAGDSCTCAGSCK
Total Number of Spectra: 28
Number of Replicates (out of 8): 8
Best Match Score: 168.64
Best Match Posterior Error Probability: 8.69E-17
Best Match Spectrum:



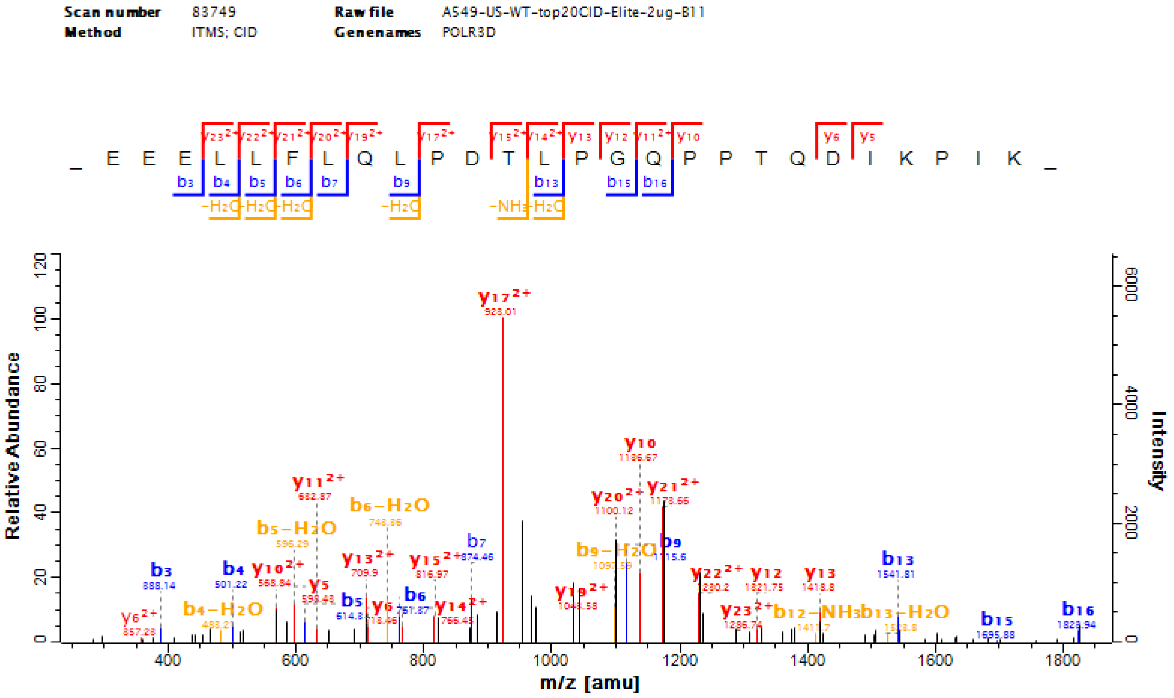
Protein Group ID: 2134
Protein Accession Numbers: P03886
Gene Names: MT-ND1
Peptide Sequence: KGPNVVGPYGLLQPFADAMK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 81.594
Best Match Posterior Error Probability: 0.0010829
Best Match Spectrum:



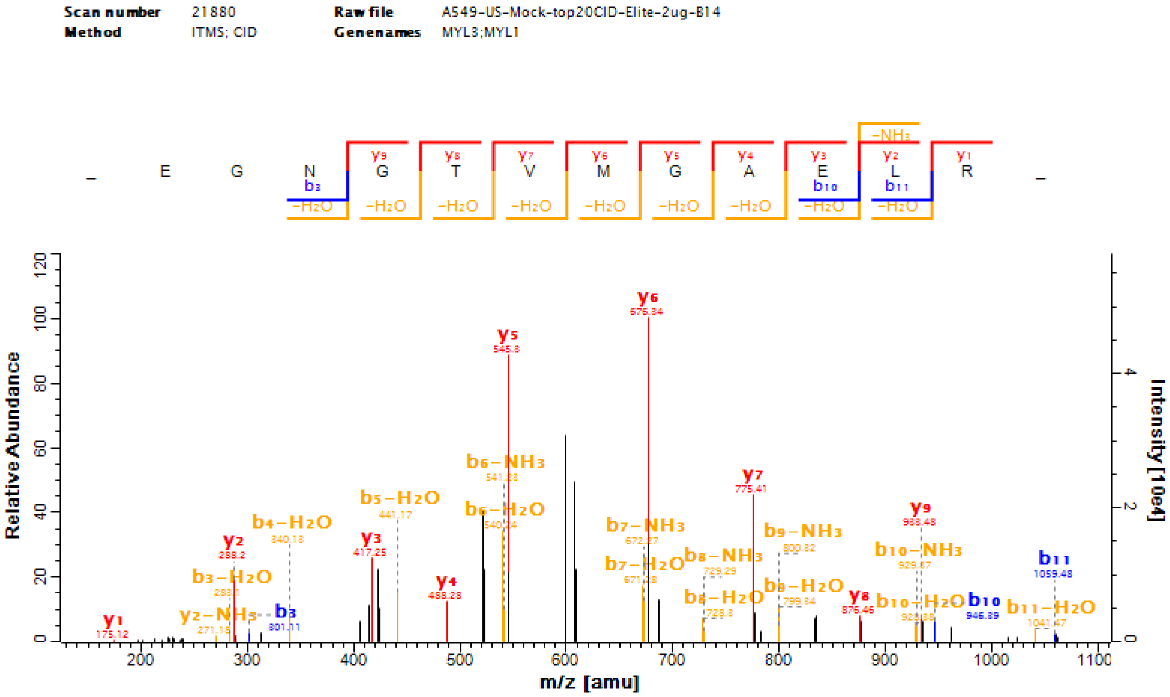
Protein Group ID: 2155
Protein Accession Numbers: P04908; Q7L7L0; Q93077
Gene Names: HIST1H2AB;HIST3H2A;HIST1H2AC
Peptide Sequence: LLGRVTIAQGGVLPNIQAVLLPK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 130.56
Best Match Posterior Error Probability: 5.23E-11
Best Match Spectrum:



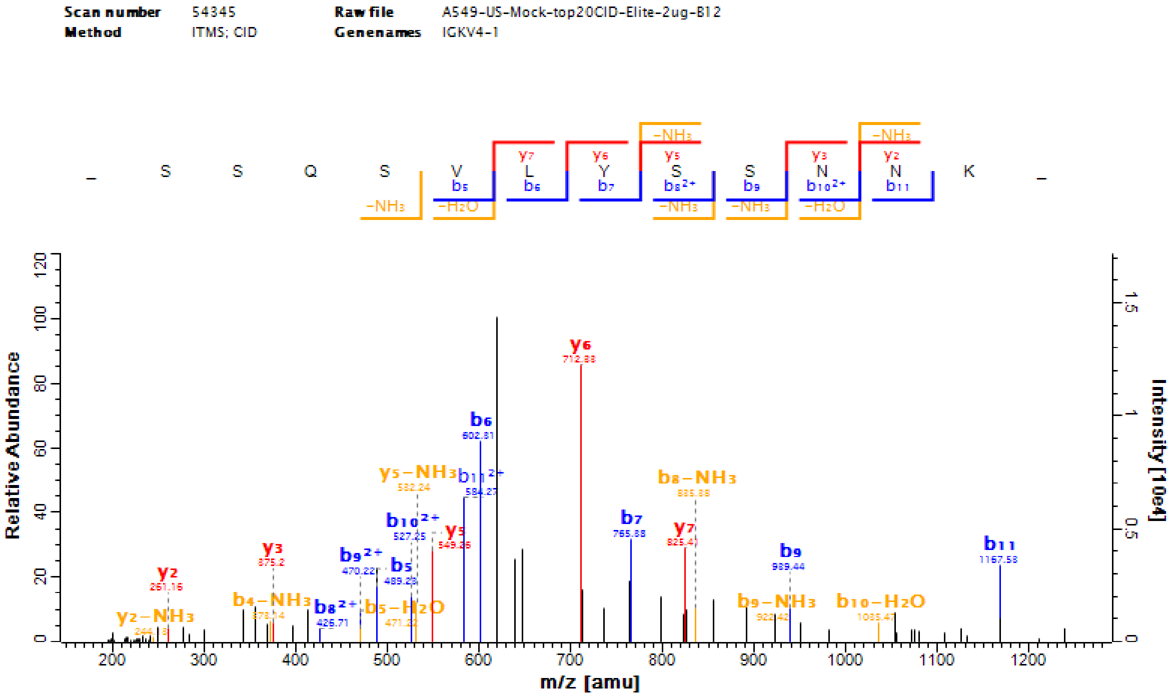
Protein Group ID: 2167
Protein Accession Numbers: P05423
Gene Names: POLR3D
Peptide Sequence: EEELLFLQLPDTLPGQPPTQDIKPIK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 134.86
Best Match Posterior Error Probability: 4.55E-18
Best Match Spectrum:



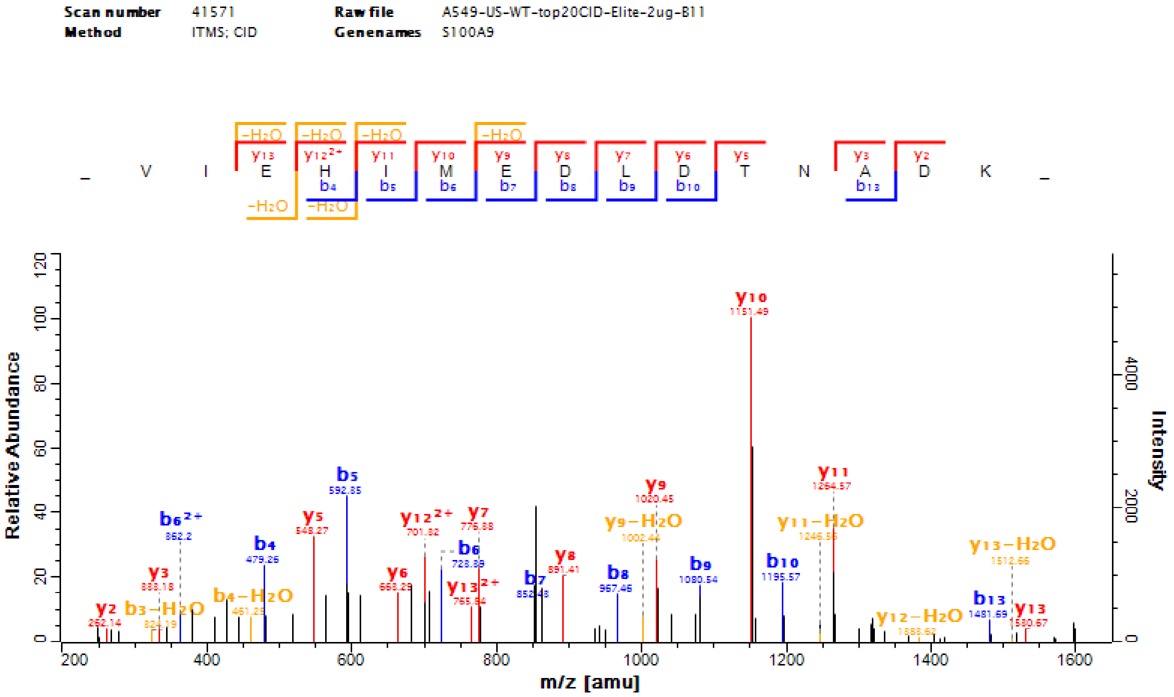
Protein Group ID: 2170
Protein Accession Numbers: P08590; P05976; P05976-2
Gene Names: MYL3;MYL1
Peptide Sequence: EGNGTVMGAELR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 84.365
Best Match Posterior Error Probability: 0.0023701
Best Match Spectrum:



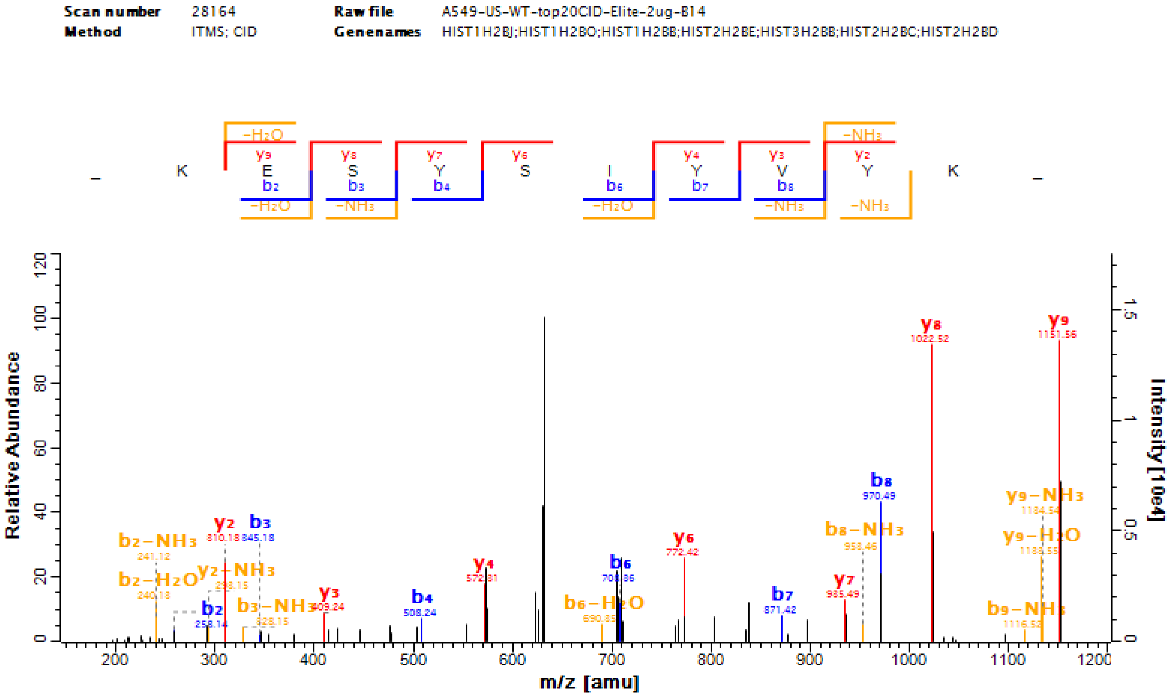
Protein Group ID: 2174
Protein Accession Numbers: P06313; P06312; P83593
Gene Names: IGKV4-1
Peptide Sequence: SSQSVLYSSNNK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 95.094
Best Match Posterior Error Probability: 0.0009192
Best Match Spectrum:



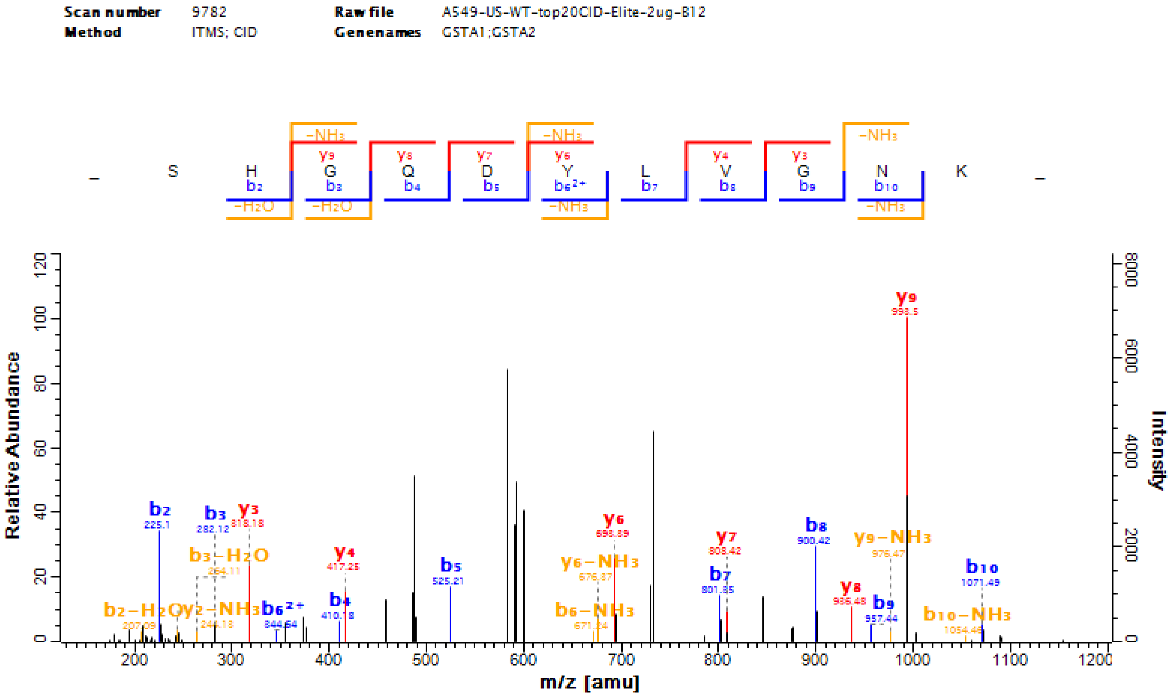
Protein Group ID: 2178
Protein Accession Numbers: P06702
Gene Names: S100A9
Peptide Sequence: VIEHIMEDLDTNADK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 138.73
Best Match Posterior Error Probability: 1.70E-05
Best Match Spectrum:



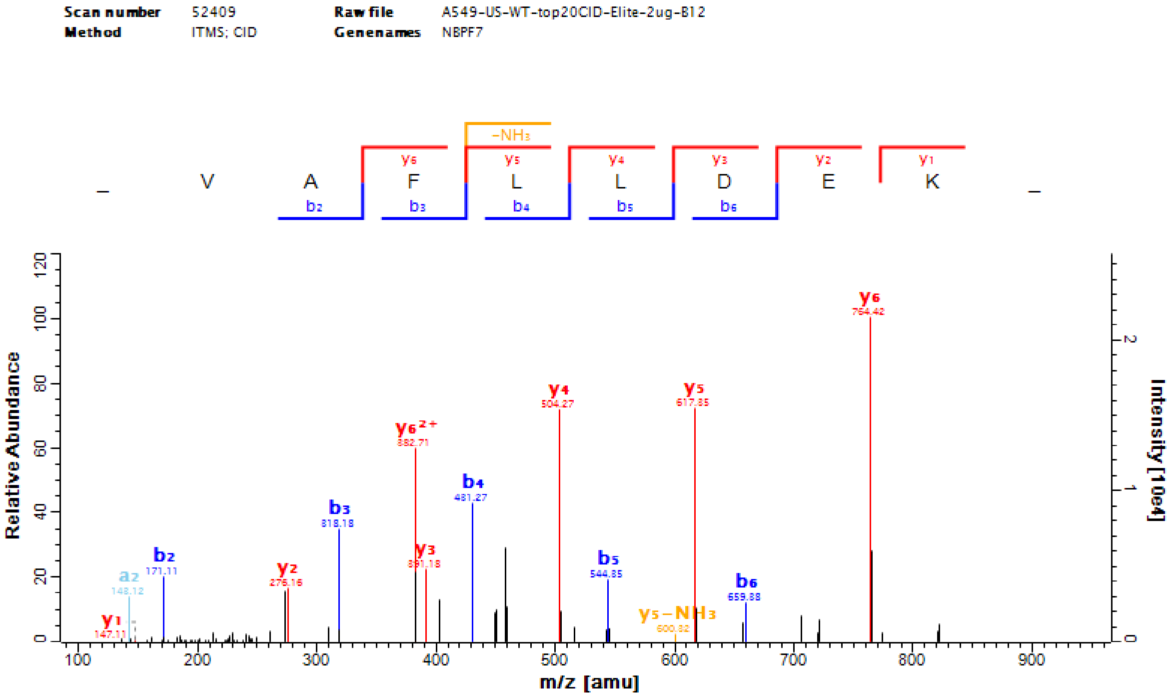
Protein Group ID: 2188
Protein Accession Numbers: P06899; P23527; P33778; Q16778; Q8N257; Q6DN03; Q6DRA6
Gene Names: HIST1H2BJ;HIST1H2BO;HIST1H2BB;HIST2H2BE;HIST3H2BB;HIST2H2BC;HIST2H2BD
Peptide Sequence: KESYSIYVYK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 134.3
Best Match Posterior Error Probability: 1.72E-05
Best Match Spectrum:



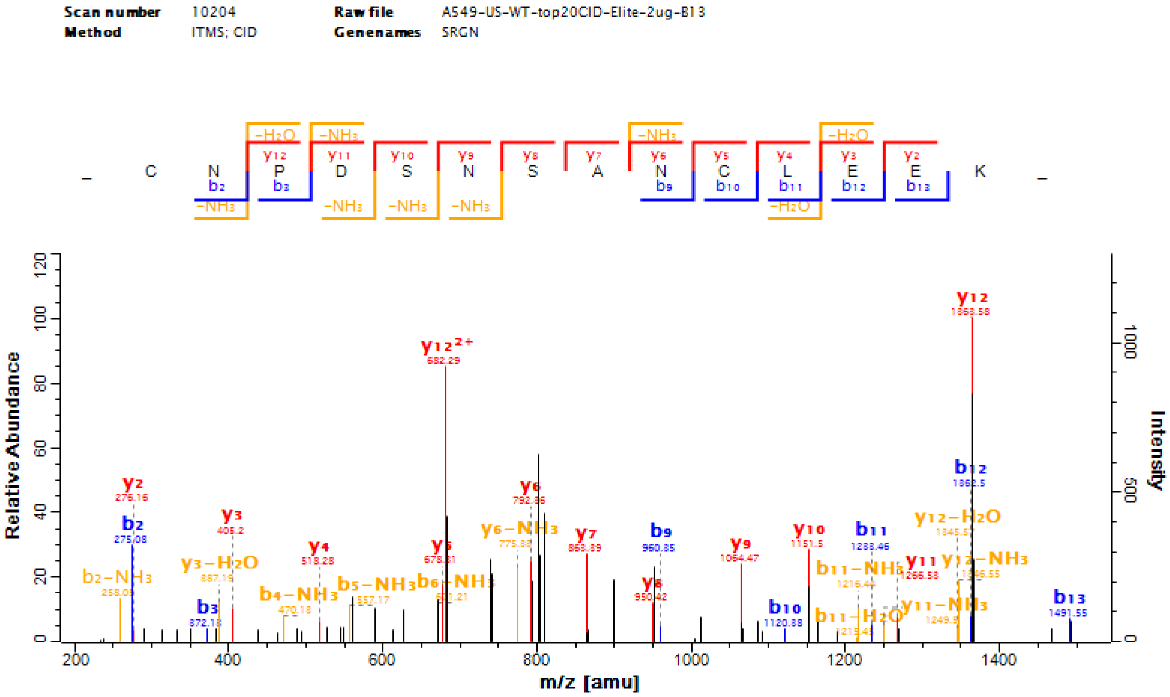
Protein Group ID: 2219
Protein Accession Numbers: P08263; P09210
Gene Names: GSTA1;GSTA2
Peptide Sequence: SHGQDYLVGNK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 109.72
Best Match Posterior Error Probability: 0.00016885
Best Match Spectrum:



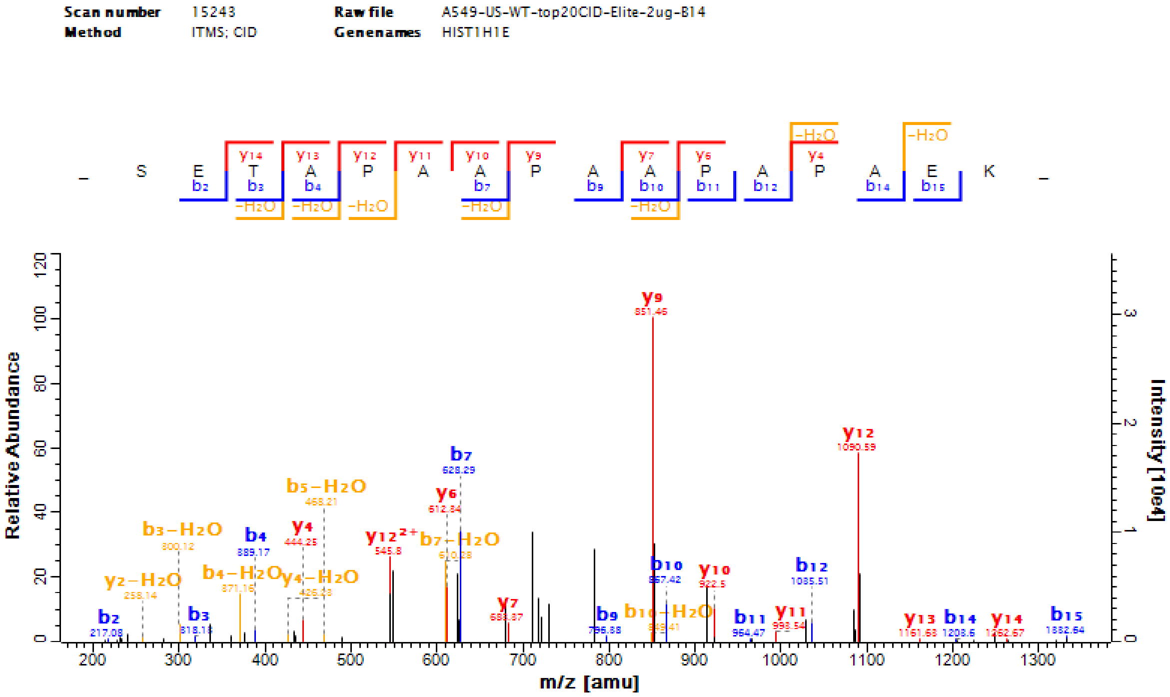
Protein Group ID: 2261
Protein Accession Numbers: P0C2Y1
Gene Names: NBPF7
Peptide Sequence: VAFLLDEK
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 111.04
Best Match Posterior Error Probability: 0.0028296
Best Match Spectrum:



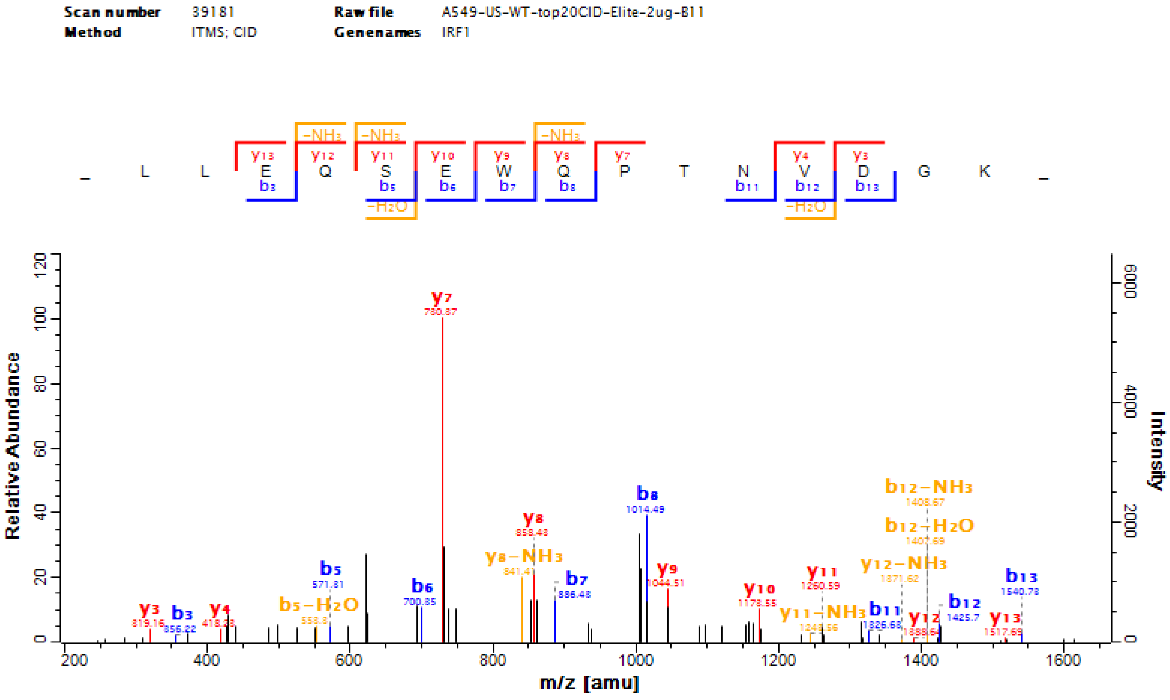
Protein Group ID: 2265
Protein Accession Numbers: P10124
Gene Names: SRGN
Peptide Sequence: CNPDSNSANCLEEK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 134.81
Best Match Posterior Error Probability: 3.93E-05
Best Match Spectrum:



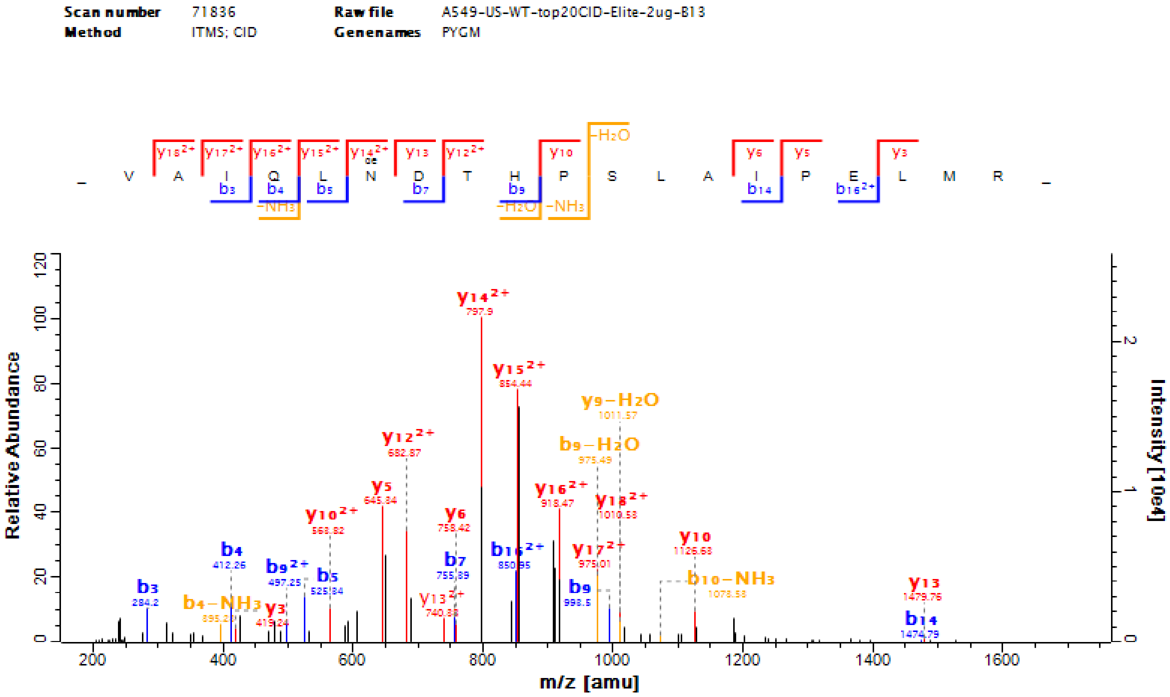
Protein Group ID: 2270
Protein Accession Numbers: P10412
Gene Names: HIST1H1E
Peptide Sequence: SETAPAAPAAPAPAEK
Total Number of Spectra: 9
Number of Replicates (out of 8): 7
Best Match Score: 145.69
Best Match Posterior Error Probability: 2.07E-06
Best Match Spectrum:



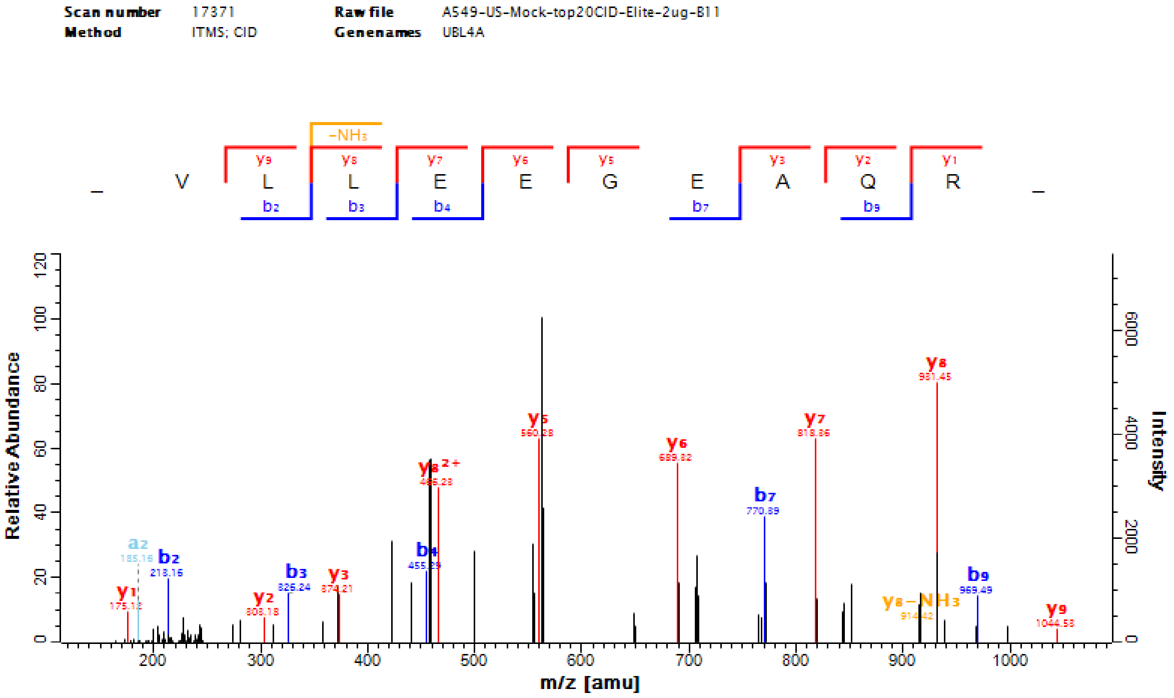
Protein Group ID: 2281
Protein Accession Numbers: P10914
Gene Names: IRF1
Peptide Sequence: LLEQSEWQPTNVDGK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 105.28
Best Match Posterior Error Probability: 0.00016463
Best Match Spectrum:



Protein Group ID: 2292
Protein Accession Numbers: P11217; P11217-2
Gene Names: PYGM
Peptide Sequence: VAIQLNDTHPSLAIPELMR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 127.75
Best Match Posterior Error Probability: 6.73E-05
Best Match Spectrum:

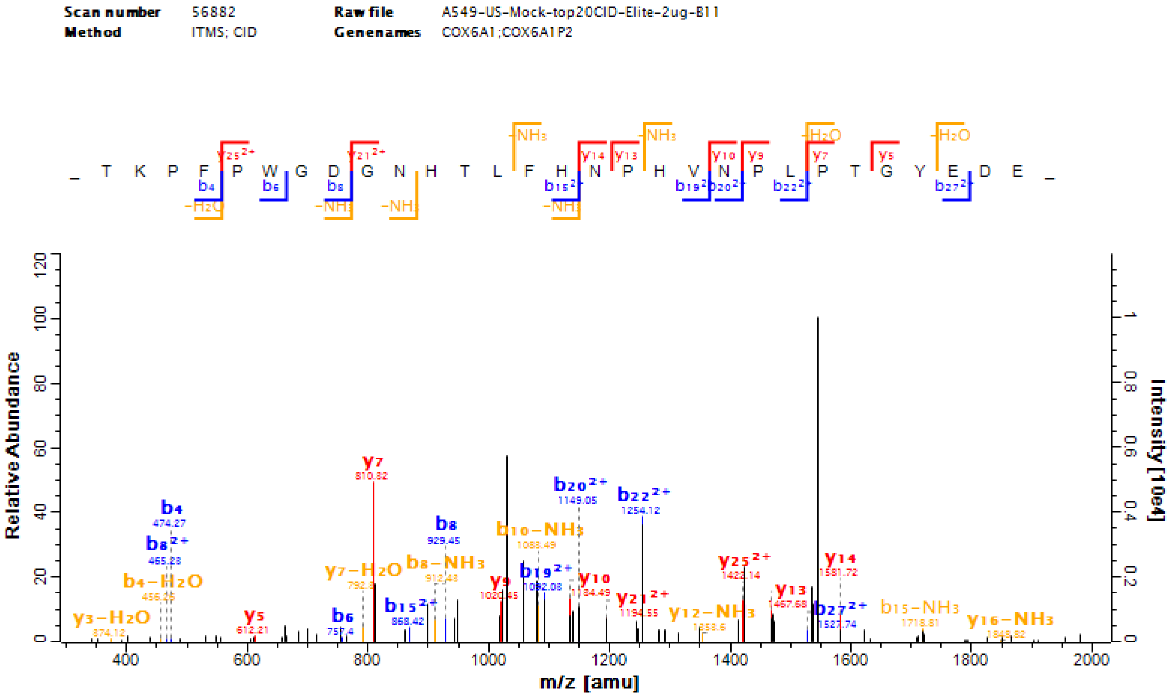


Protein Group ID: 2299
Protein Accession Numbers: Q5HY81; P11441
Gene Names: UBL4A
Peptide Sequence: VLLEEGEAQR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 96.015
Best Match Posterior Error Probability: 0.0012035
Best Match Spectrum:

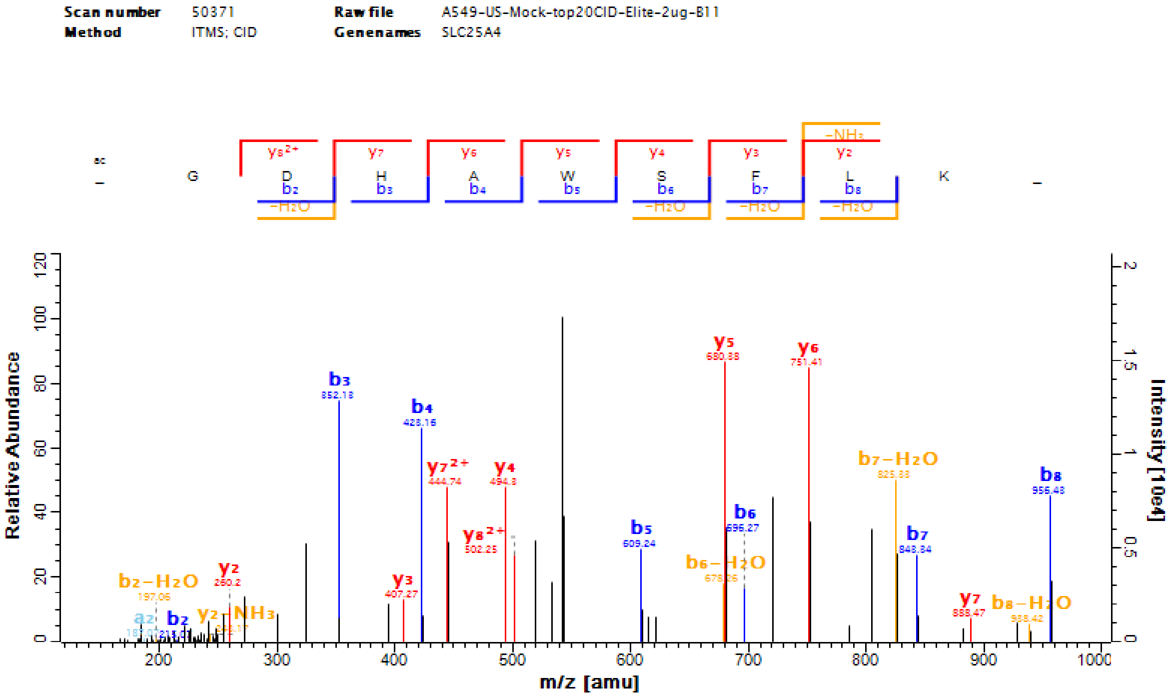


Scan number 17371 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** UBL4A

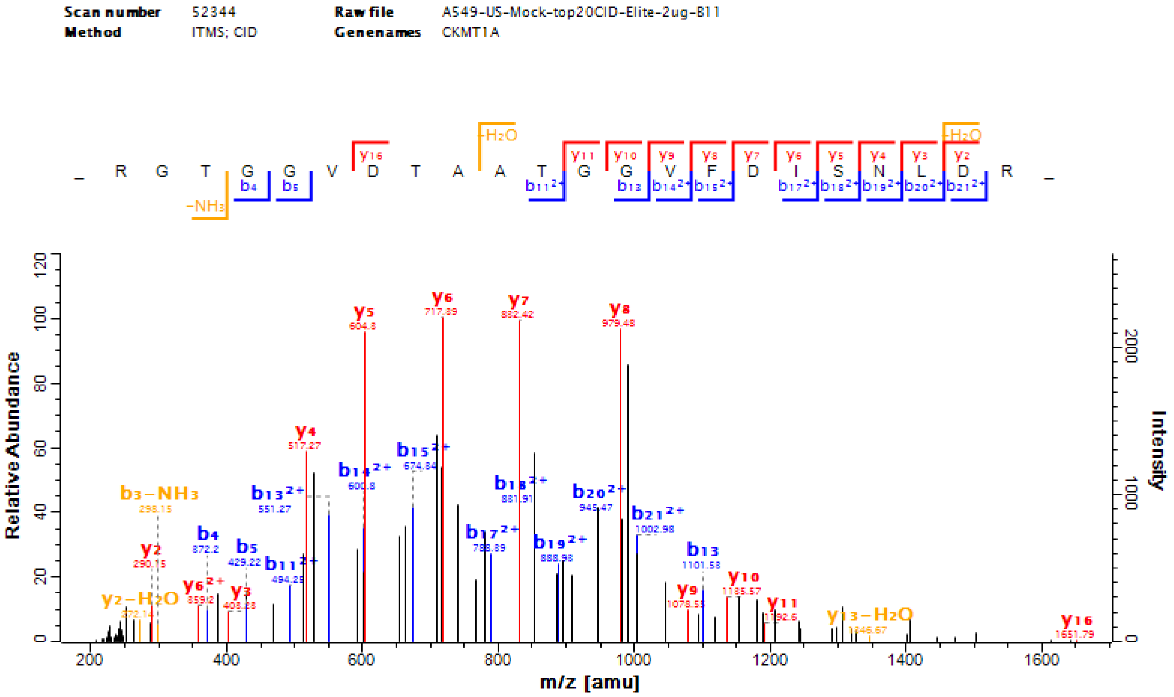
Protein Group ID: 2307
Protein Accession Numbers: P12074; Q5T8I0
Gene Names: COX6A1;COX6A1P2
Peptide Sequence: TKPFPWGDGNHTLFHNPHVNPLPTGYEDE
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 63.272
Best Match Posterior Error Probability: 0.00073136
Best Match Spectrum:



Protein Group ID: 2308
Protein Accession Numbers: P12235
Gene Names: SLC25A4
Peptide Sequence: GDHAWSFLK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 118.71
Best Match Posterior Error Probability: 0.00070316
Best Match Spectrum:



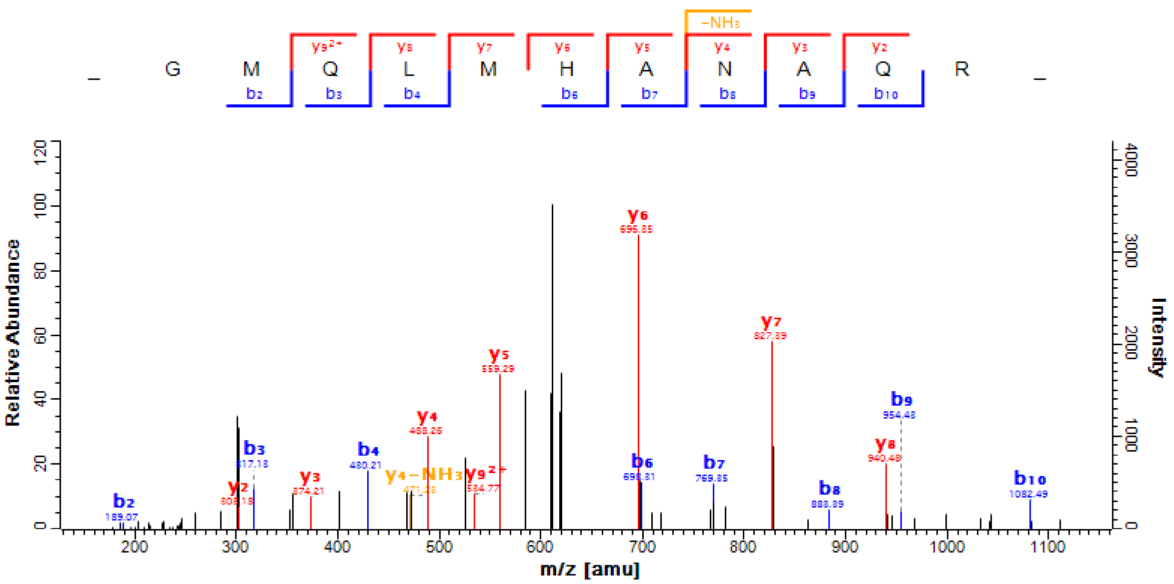
Protein Group ID: 2313
Protein Accession Numbers: P12532-2; P12532
Gene Names: CKMT1A
Peptide Sequence: RGTGGVDTAATGGVFDISNLDR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 88.951
Best Match Posterior Error Probability: 5.57E-05
Best Match Spectrum:



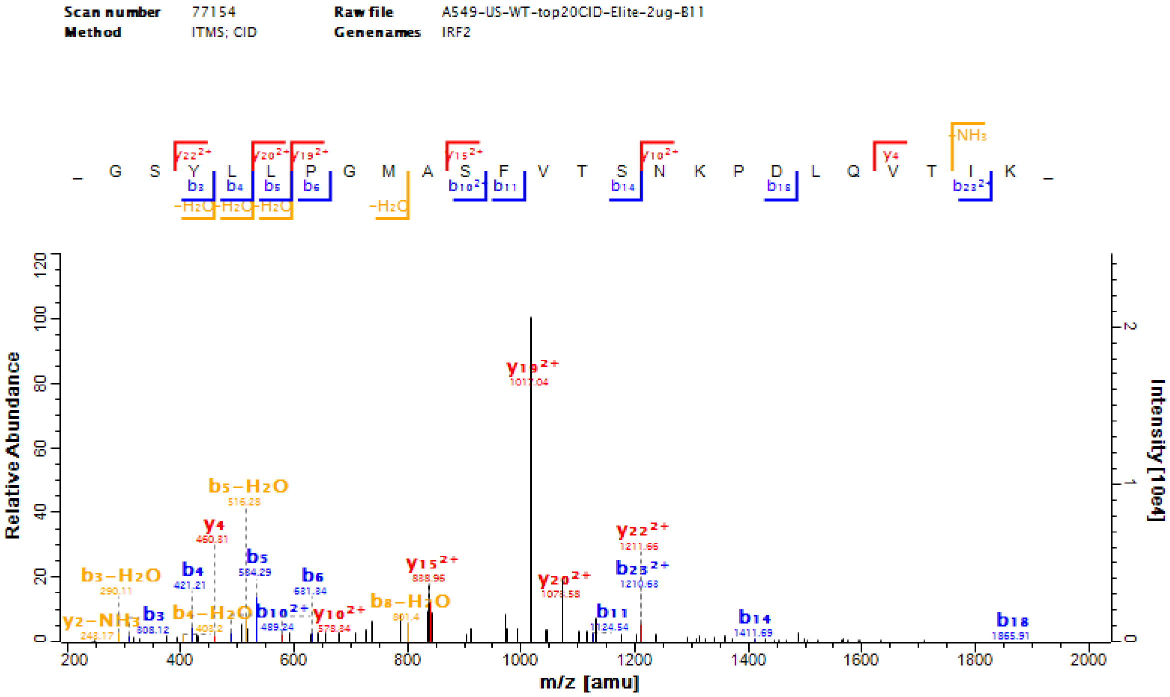
Scan number 52344 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** CKMT1A

Protein Group ID: 2322
Protein Accession Numbers: P13284
Gene Names: IFI30
Peptide Sequence: GMQLMHANAQR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 108.47
Best Match Posterior Error Probability: 0.00021357
Best Match Spectrum:

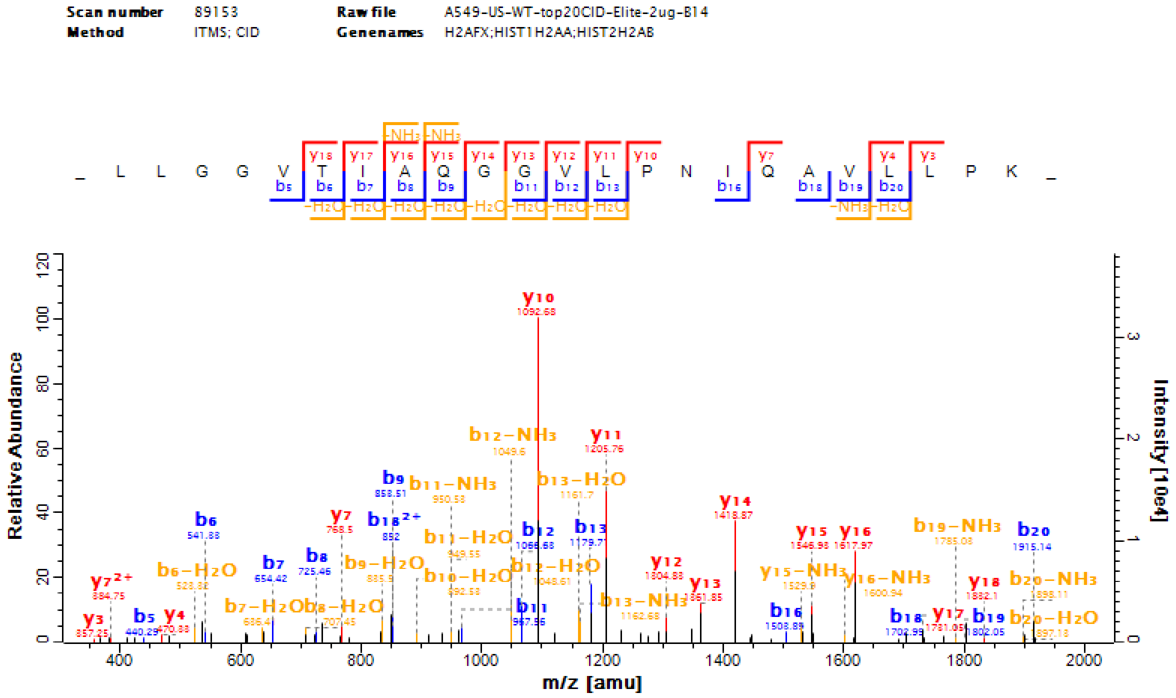
Scan number 14165 **Raw file** A549-US-WT-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** IFI30



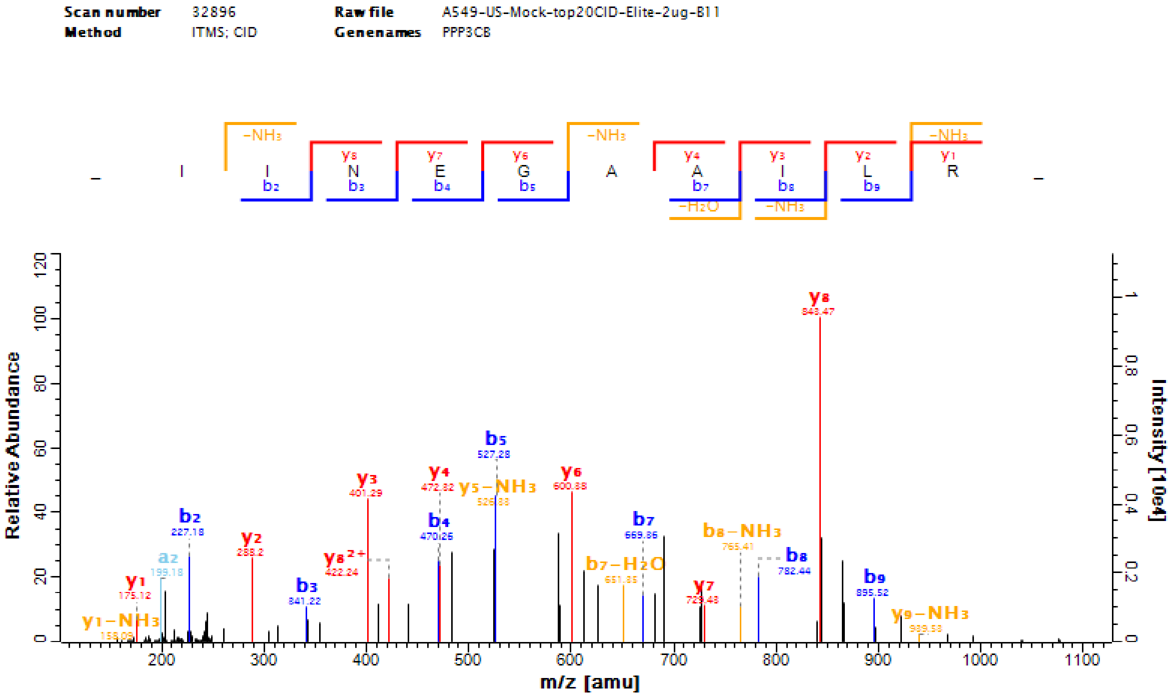
Protein Group ID: 2341
Protein Accession Numbers: P14316; P14316-2
Gene Names: IRF2
Peptide Sequence: GSYLLPGMASFVTSNKPDLQVTIK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 73.783
Best Match Posterior Error Probability: 0.0012123
Best Match Spectrum:



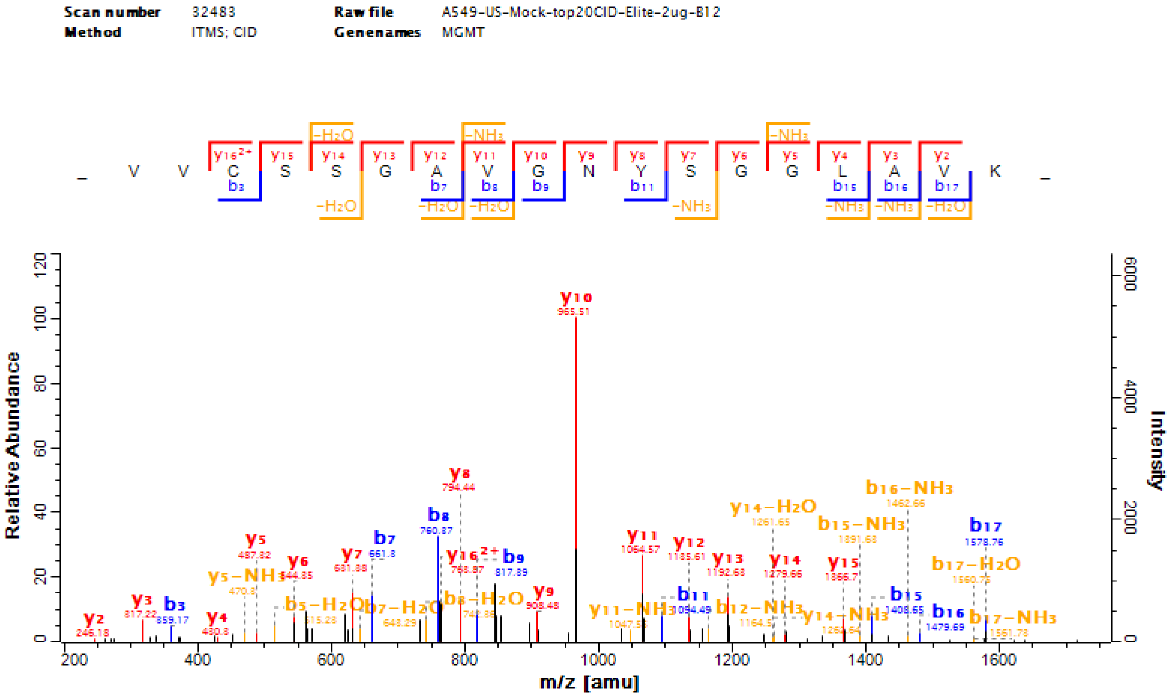
Protein Group ID: 2370
Protein Accession Numbers: P16104; Q96QV6; Q8IUE6
Gene Names: H2AFX;HIST1H2AA;HIST2H2AB
Peptide Sequence: LLGGVTIAQGGVLPNIQAVLLPK
Total Number of Spectra: 14
Number of Replicates (out of 8): 7
Best Match Score: 214.59
Best Match Posterior Error Probability: 9.50E-55
Best Match Spectrum:



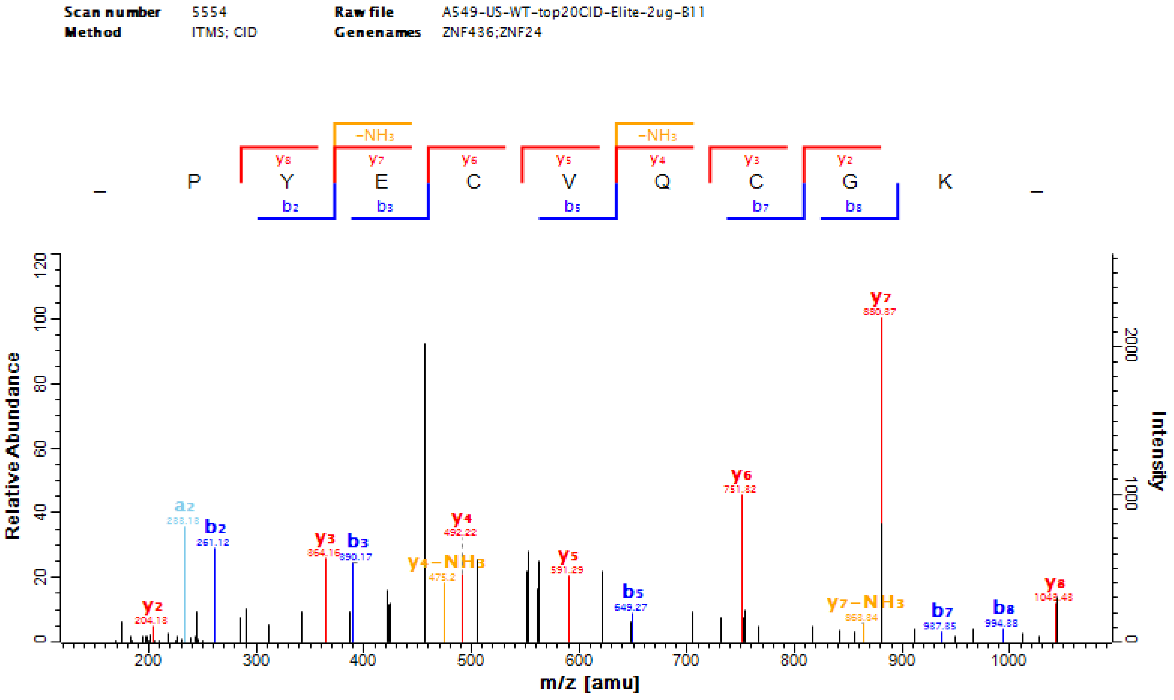
Protein Group ID: 2374
Protein Accession Numbers: P16298-4; P16298; P16298-3; P16298-2; Q5F2F8
Gene Names: PPP3CB
Peptide Sequence: IINEGAAILR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 120.06
Best Match Posterior Error Probability: 0.00012445
Best Match Spectrum:



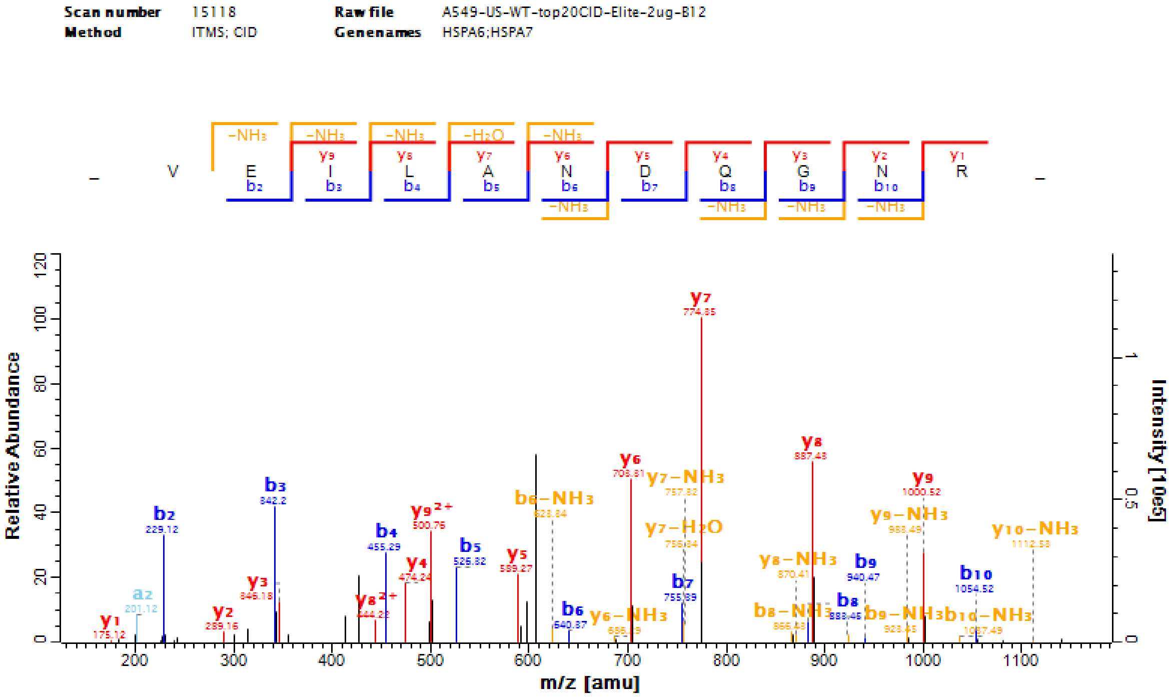
Protein Group ID: 2379
Protein Accession Numbers: P16455
Gene Names: MGMT
Peptide Sequence: VVCSSGAVGNYSGGLAVK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 168.42
Best Match Posterior Error Probability: 6.14E-32
Best Match Spectrum:



Protein Group ID: 2383
Protein Accession Numbers: Q9C0F3; P17028
Gene Names: ZNF436;ZNF24
Peptide Sequence: PYECVQCGK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 100.02
Best Match Posterior Error Probability: 0.0017716
Best Match Spectrum:

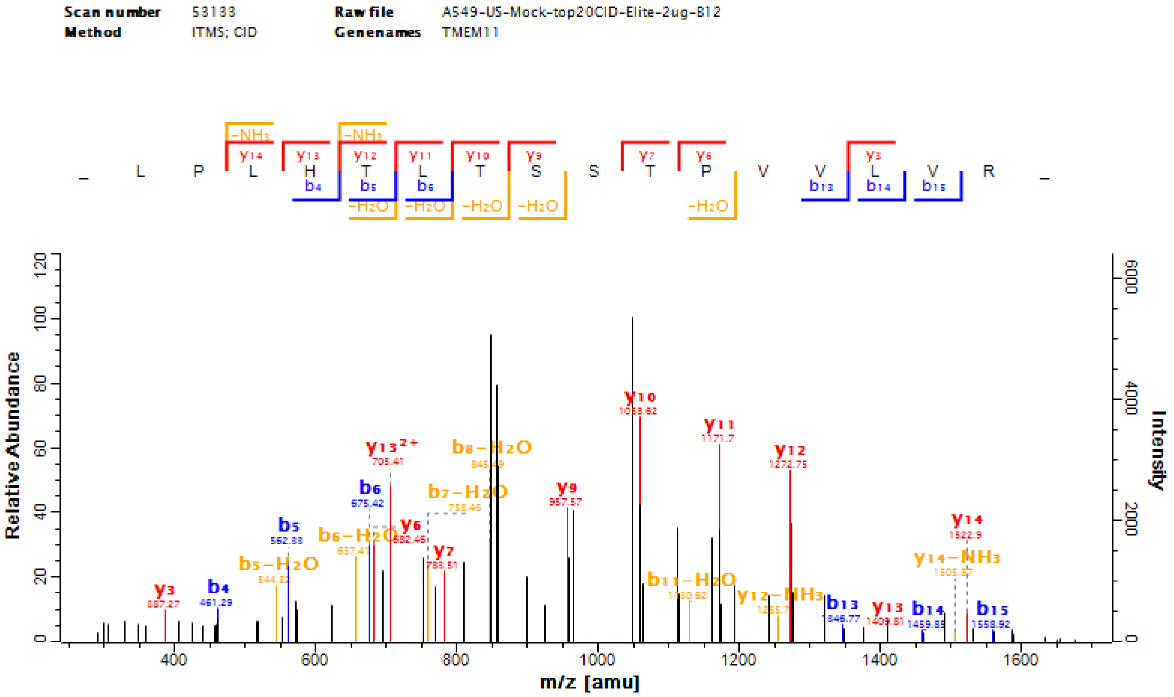


Protein Group ID: 2385
Protein Accession Numbers: P17066; P48741
Gene Names: HSPA6;HSPA7
Peptide Sequence: VEILANDQGNR
Total Number of Spectra: 18
Number of Replicates (out of 8): 7
Best Match Score: 209.19
Best Match Posterior Error Probability: 1.10E-21
Best Match Spectrum:

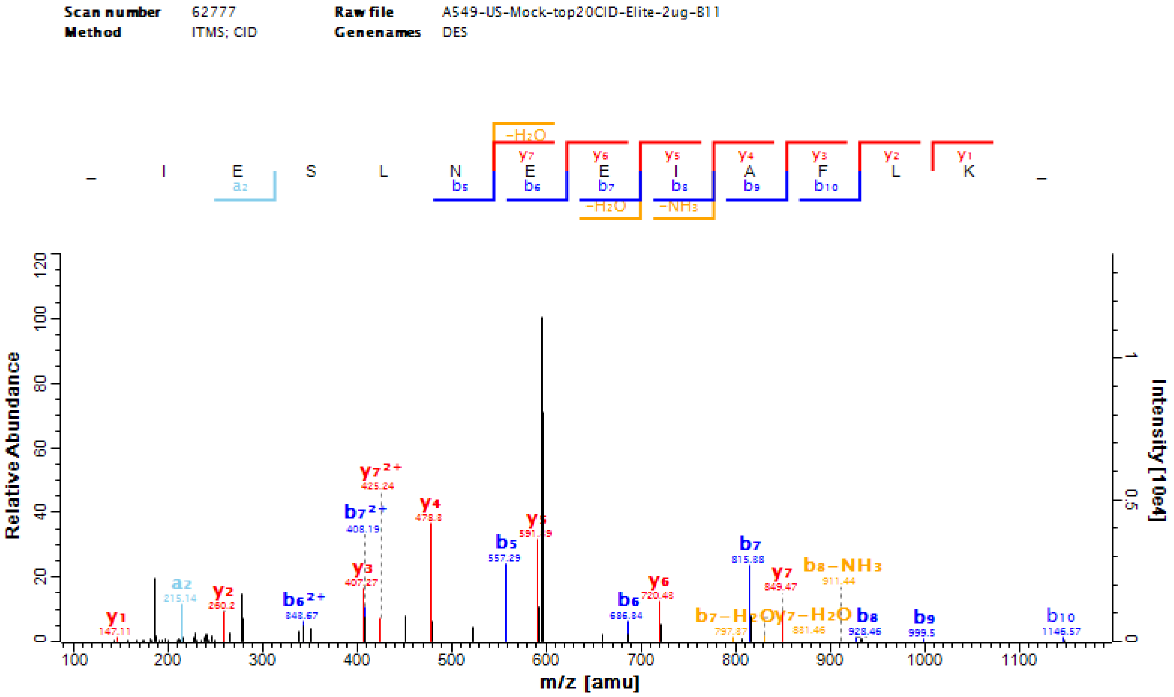


Scan number 15118 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** HSPA6;HSPA7

Protein Group ID: 2386
Protein Accession Numbers: P17152
Gene Names: TMEM11
Peptide Sequence: LPLHTLTSSTPVVLVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 88.768
Best Match Posterior Error Probability: 0.00063028
Best Match Spectrum:

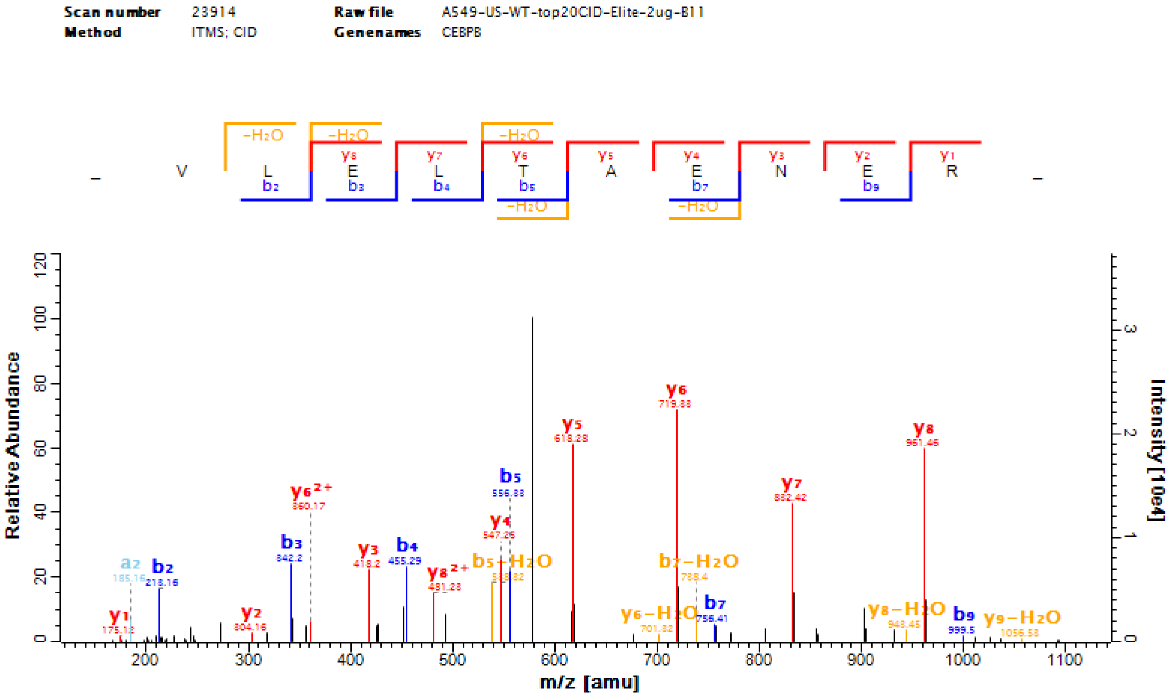


Protein Group ID: 2397
Protein Accession Numbers: P17661
Gene Names: DES
Peptide Sequence: IESLNEEIAFLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 127.17
Best Match Posterior Error Probability: 0.00010154
Best Match Spectrum:

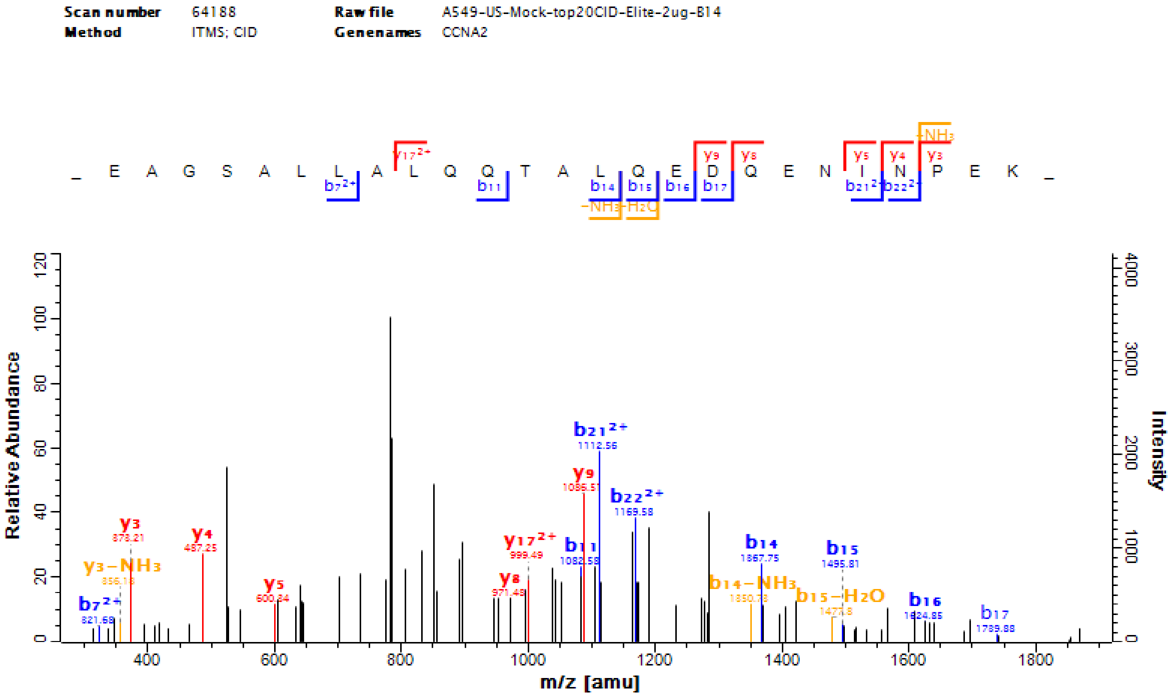


Scan number 62777 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** DES

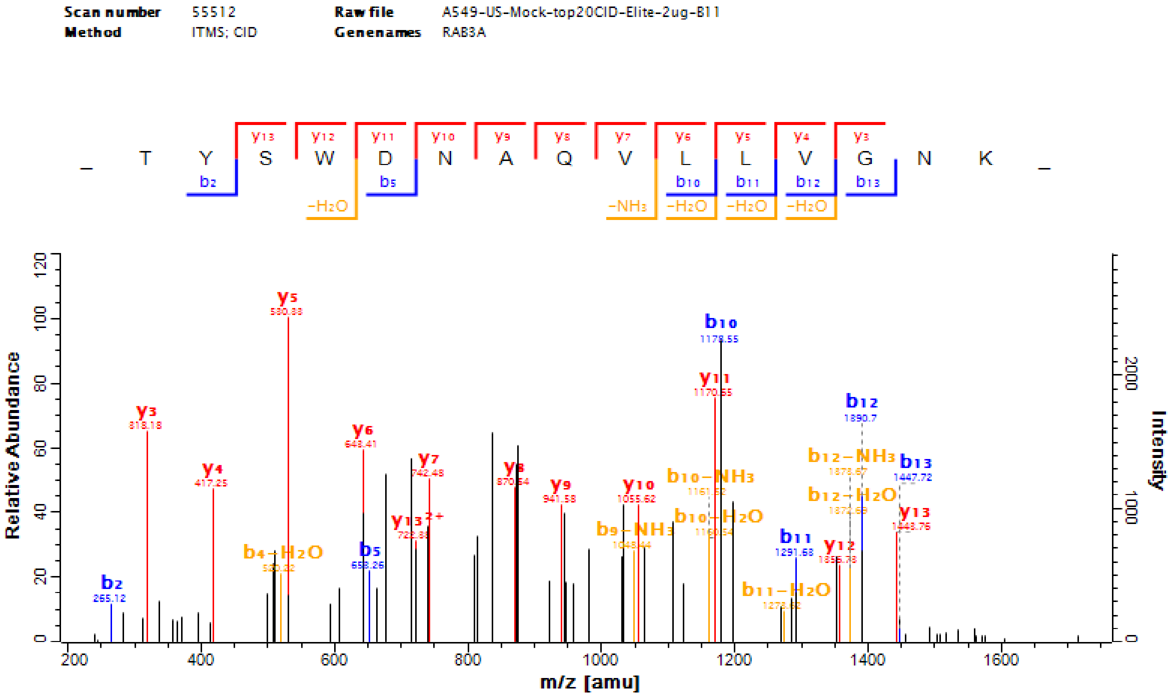
Protein Group ID: 2398
Protein Accession Numbers: P17676
Gene Names: CEBPB
Peptide Sequence: VLELTAENER
Total Number of Spectra: 9
Number of Replicates (out of 8): 8
Best Match Score: 136.02
Best Match Posterior Error Probability: 8.91E-06
Best Match Spectrum:



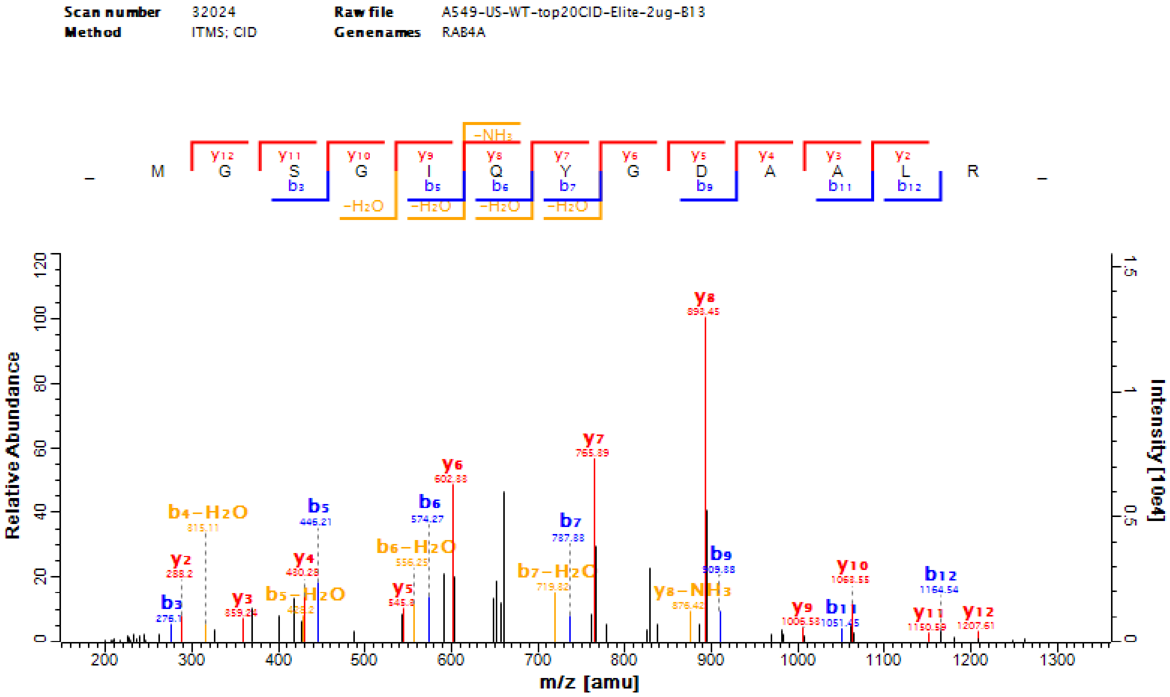
Protein Group ID: 2432
Protein Accession Numbers: P20248
Gene Names: CCNA2
Peptide Sequence: EAGSALLALQQTALQEDQENINPEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 61.524
Best Match Posterior Error Probability: 0.0013223
Best Match Spectrum:



Protein Group ID: 2435
Protein Accession Numbers: P20336
Gene Names: RAB3A
Peptide Sequence: TYSWDNAQVLLVGNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 110.55
Best Match Posterior Error Probability: 0.00012506
Best Match Spectrum:

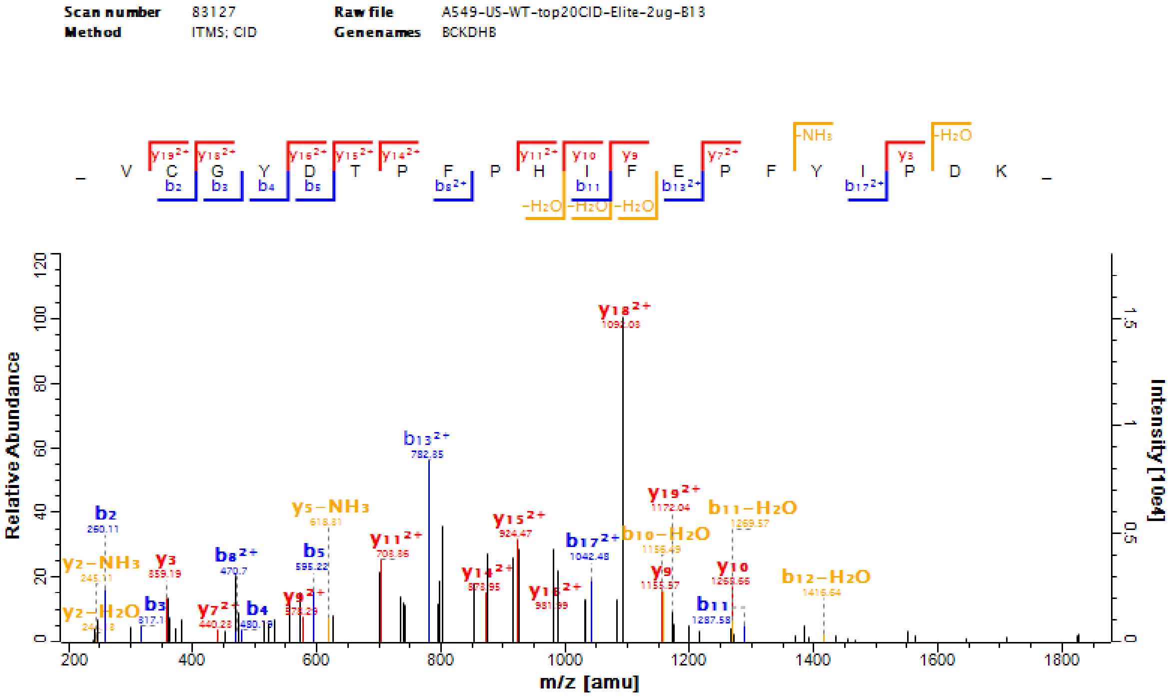

Scan number 55512 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** RAB3A

Protein Group ID: 2437
Protein Accession Numbers: P20338
Gene Names: RAB4A
Peptide Sequence: MGSGIQYGDAALR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 118.51
Best Match Posterior Error Probability: 0.00016997
Best Match Spectrum:

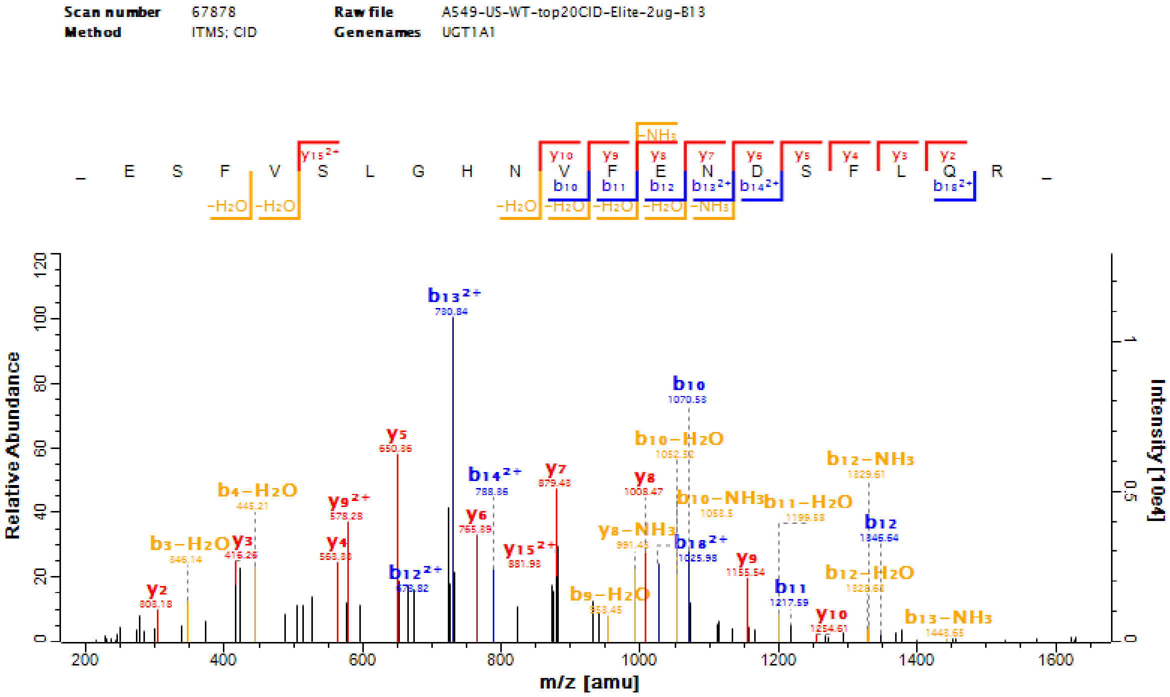


Scan number 32024
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B13
Genenames RAB4A

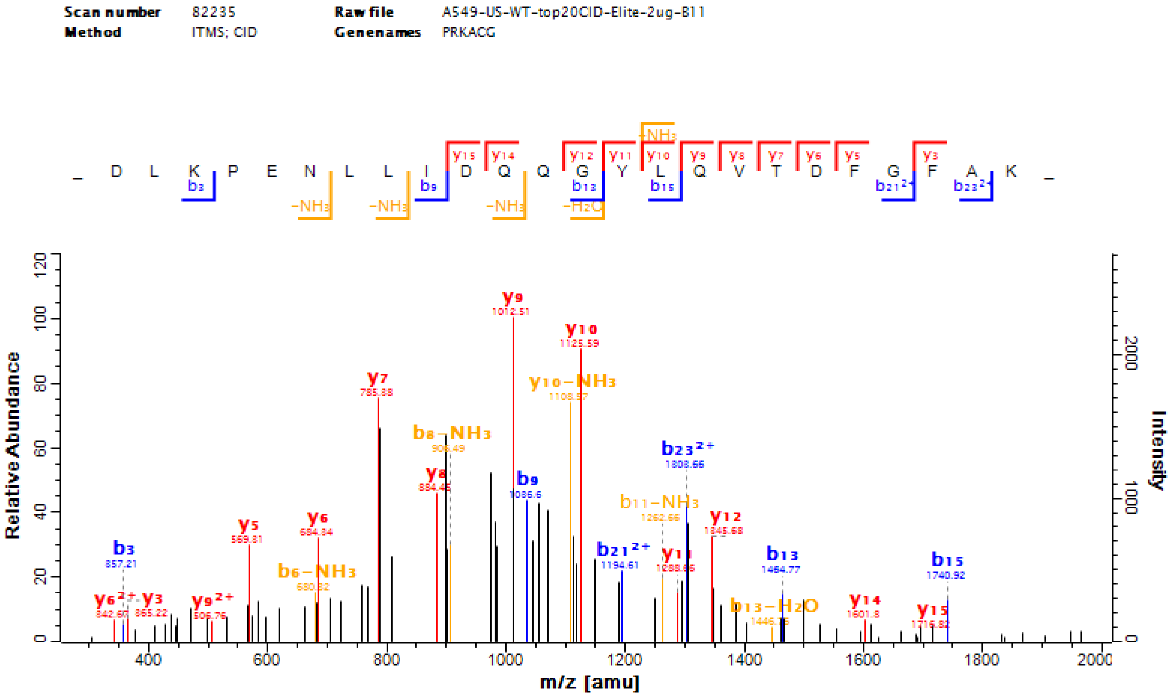
Protein Group ID: 2455
Protein Accession Numbers: P21953
Gene Names: BCKDHB
Peptide Sequence: VCGYDTPFPHIFEPFYIPDK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 83.37
Best Match Posterior Error Probability: 0.0003784
Best Match Spectrum:



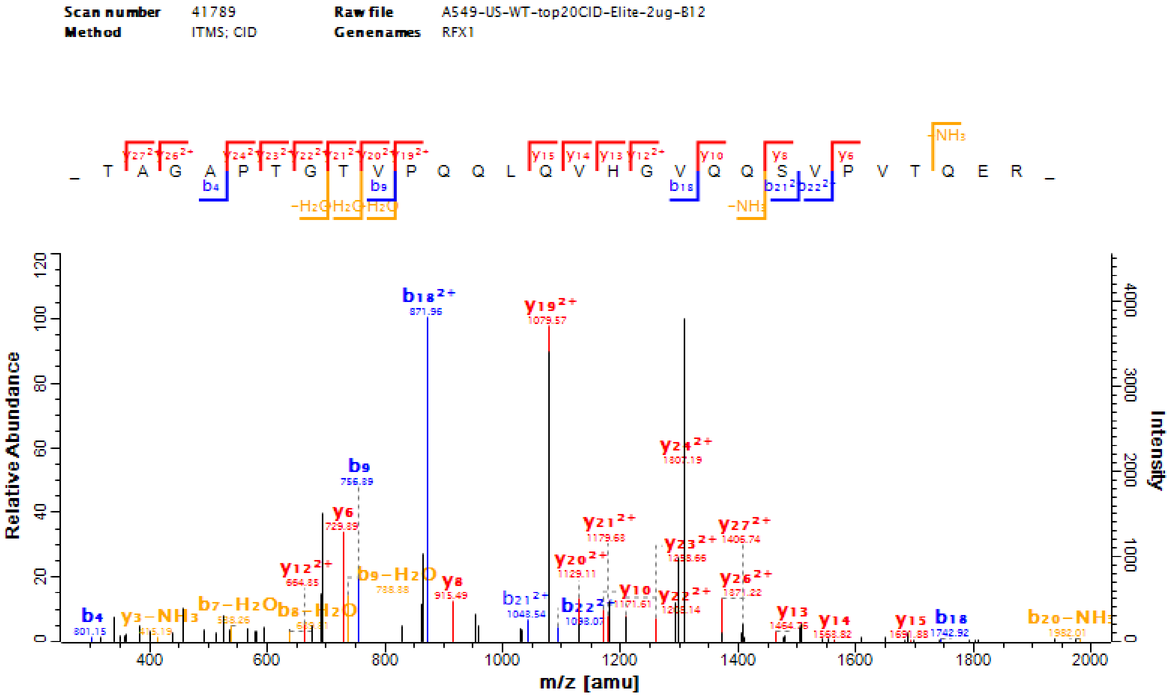
Protein Group ID: 2463
Protein Accession Numbers: P22309; A6NJC3
Gene Names: UGT1A1
Peptide Sequence: ESFVSLGHNVFENDSFLQR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 118.21
Best Match Posterior Error Probability: 2.08E-05
Best Match Spectrum:



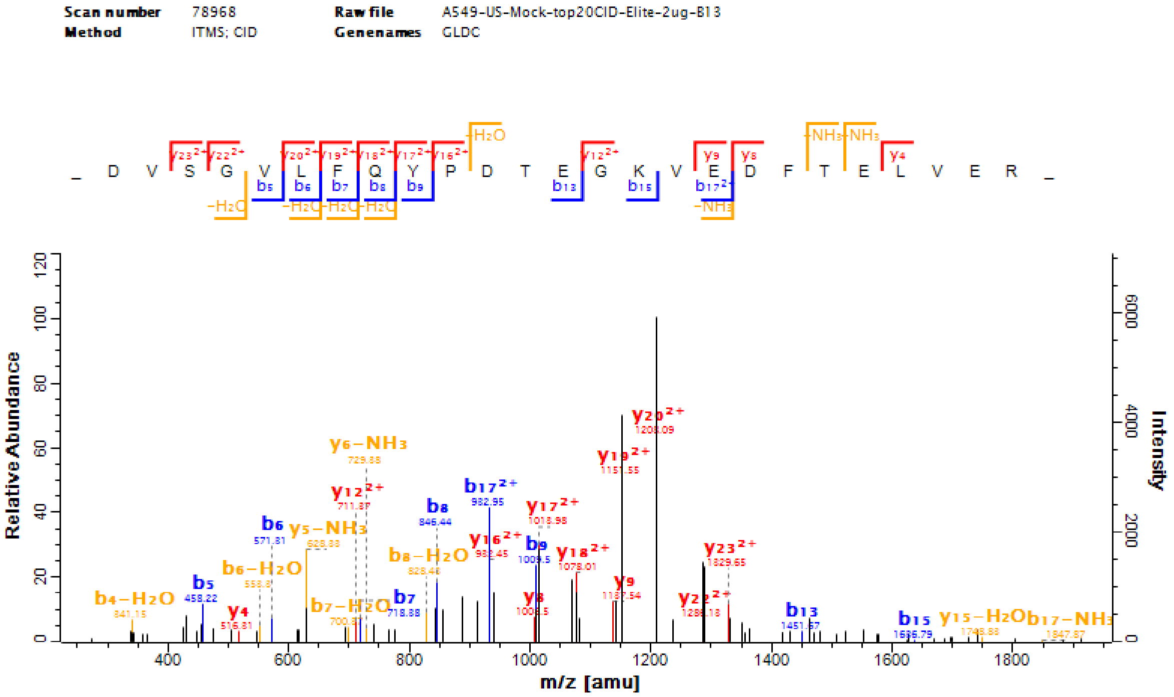
Protein Group ID: 2466
Protein Accession Numbers: P22612
Gene Names: PRKACG
Peptide Sequence: DLKPENLLIDQQGYLQVTDFGFAK
Total Number of Spectra: 6
Number of Replicates (out of 8): 3
Best Match Score: 82.593
Best Match Posterior Error Probability: 0.00030165
Best Match Spectrum:



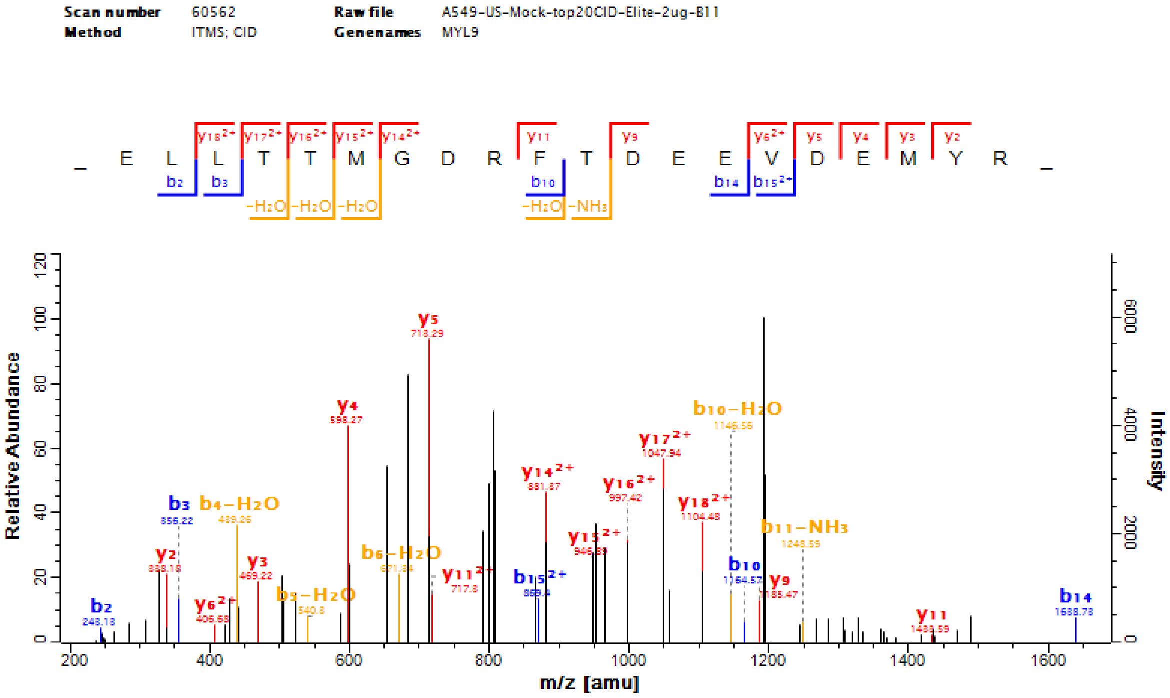
Protein Group ID: 2468
Protein Accession Numbers: P22670
Gene Names: RFX1
Peptide Sequence: TAGAPTGTVPQQLQVHGVQQSVPVTQER
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 64.256
Best Match Posterior Error Probability: 0.00019104
Best Match Spectrum:



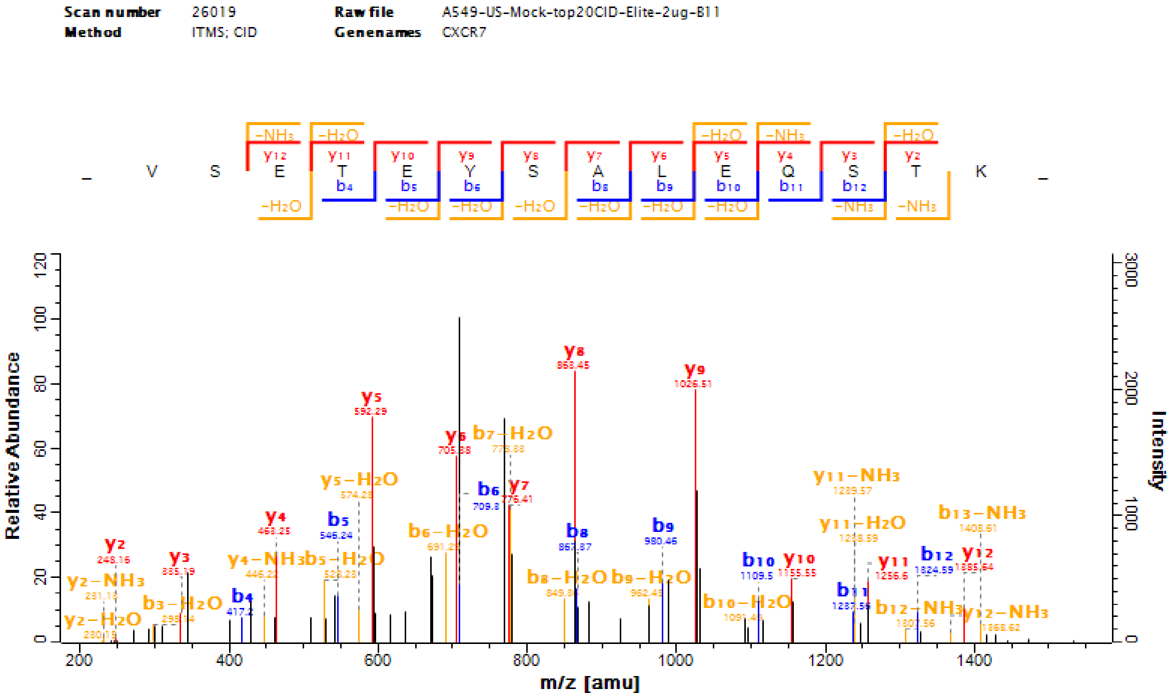
Protein Group ID: 2477
Protein Accession Numbers: P23378
Gene Names: GLDC
Peptide Sequence: DVSGVLFQYPDTEGKVEDFTELVER
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 75.773
Best Match Posterior Error Probability: 0.0006188
Best Match Spectrum:



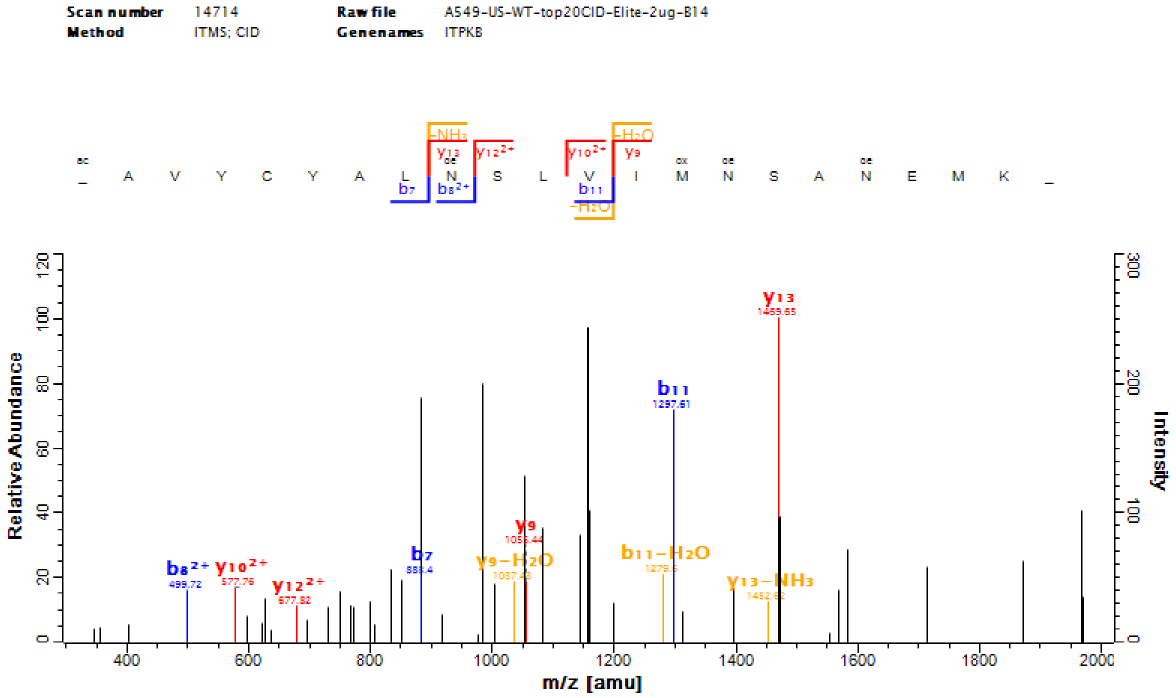
Protein Group ID: 2494
Protein Accession Numbers: P24844; P24844-2
Gene Names: MYL9
Peptide Sequence: ELLTTMGDRFTDEEVDEMYR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 69.935
Best Match Posterior Error Probability: 0.0088815
Best Match Spectrum:



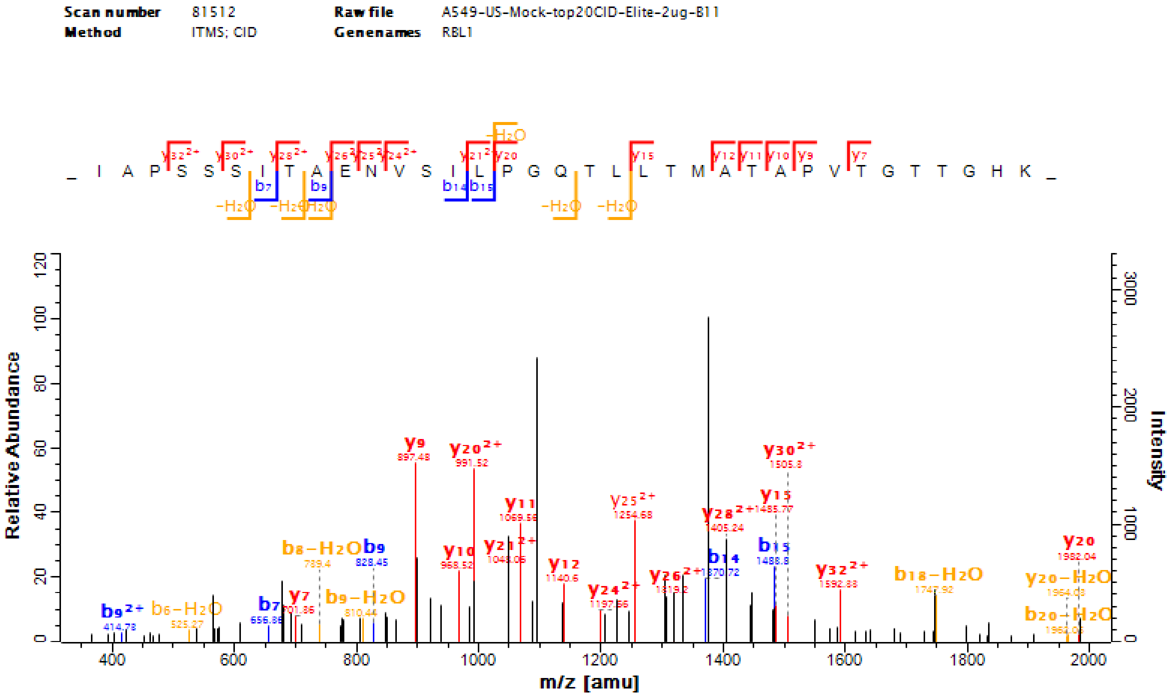
Protein Group ID: 2497
Protein Accession Numbers: P25106
Gene Names: CXCR7
Peptide Sequence: VSETEYSALEQSTK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 192.39
Best Match Posterior Error Probability: 1.12E-24
Best Match Spectrum:



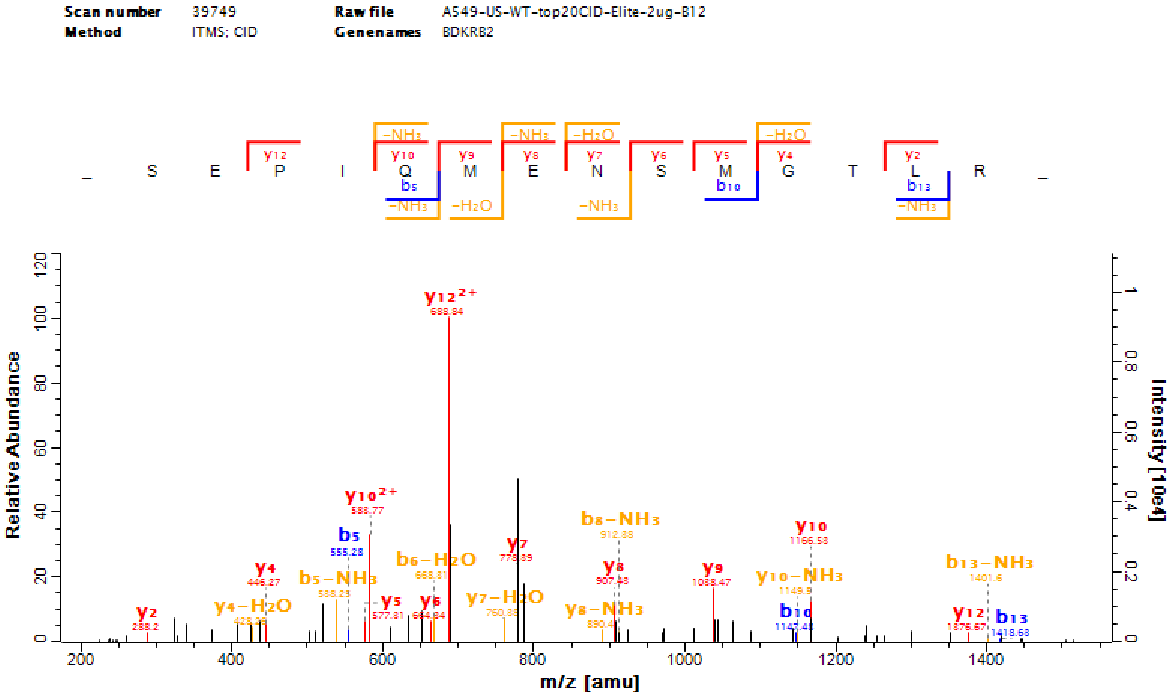
Protein Group ID: 2531
Protein Accession Numbers: P27987; P27987-2
Gene Names: ITPKB
Peptide Sequence: AVYCYALNSLVIMNSANEMK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 32.366
Best Match Posterior Error Probability: 0.026495
Best Match Spectrum:



Protein Group ID: 2540
Protein Accession Numbers: P28749; P28749-2
Gene Names: RBL1
Peptide Sequence: IAPSSSITAENVSILPGQTLLTMATAPVTGTTGHK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 43.583
Best Match Posterior Error Probability: 0.0027582
Best Match Spectrum:

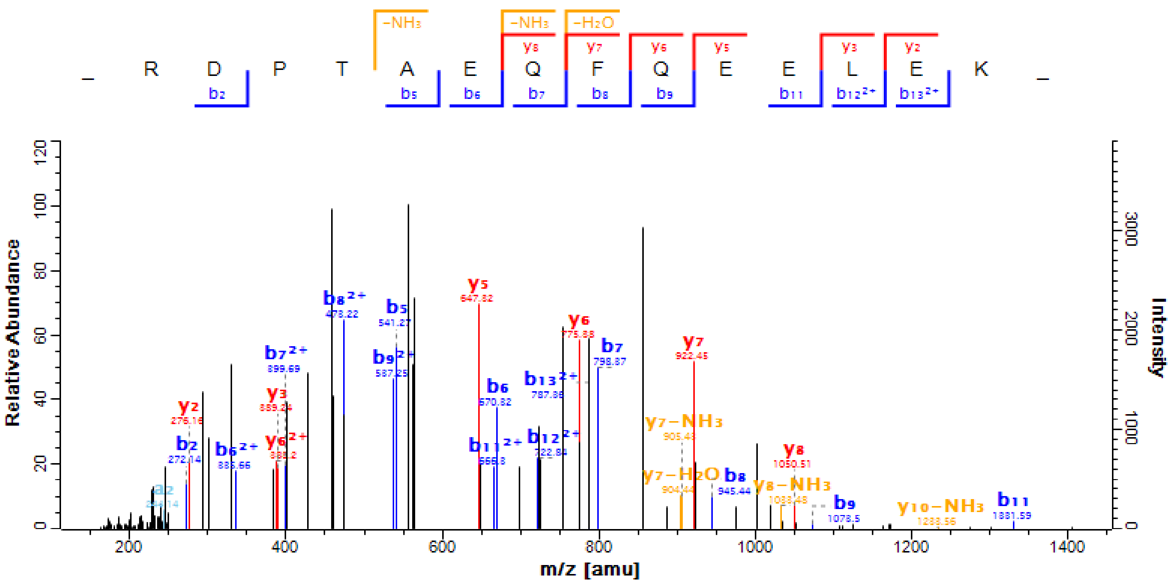


Protein Group ID: 2572
Protein Accession Numbers: P30411; P30411-2
Gene Names: BDKRB2
Peptide Sequence: SEPIQMENSMGTLR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 91.307
Best Match Posterior Error Probability: 0.001073
Best Match Spectrum:

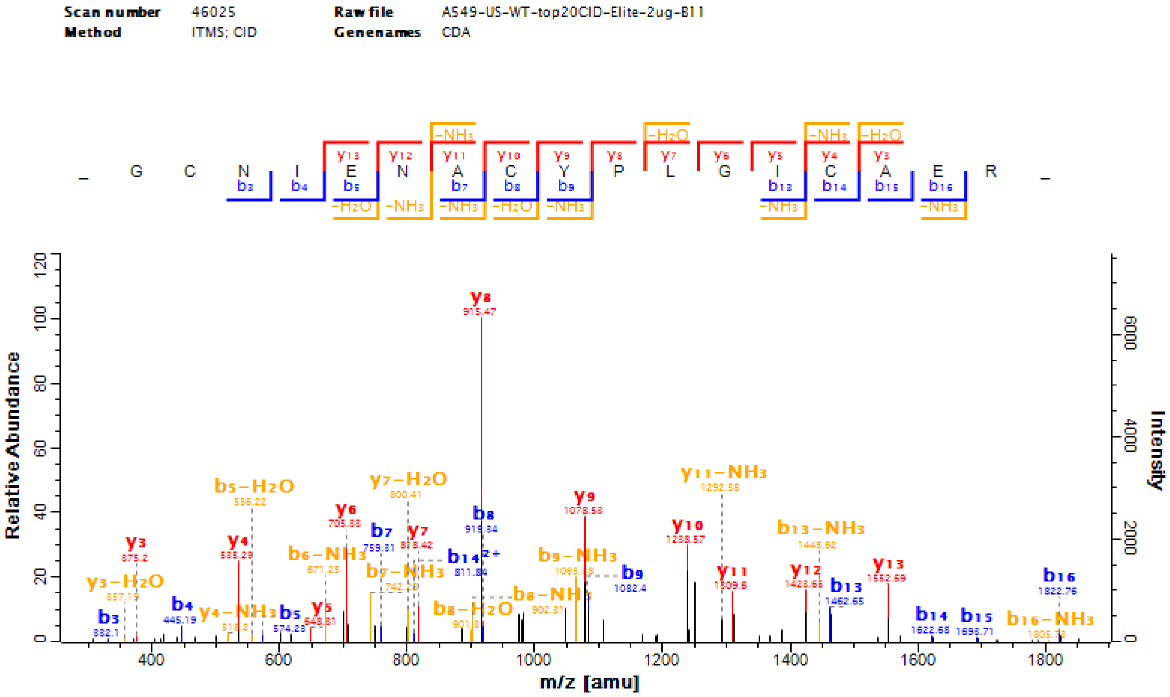


Protein Group ID: 2595
Protein Accession Numbers: P31944
Gene Names: CASP14
Peptide Sequence: RDPTAEQFQEELEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 129.77
Best Match Posterior Error Probability: 9.27E-05
Best Match Spectrum:

Scan number 34296 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** CASP14

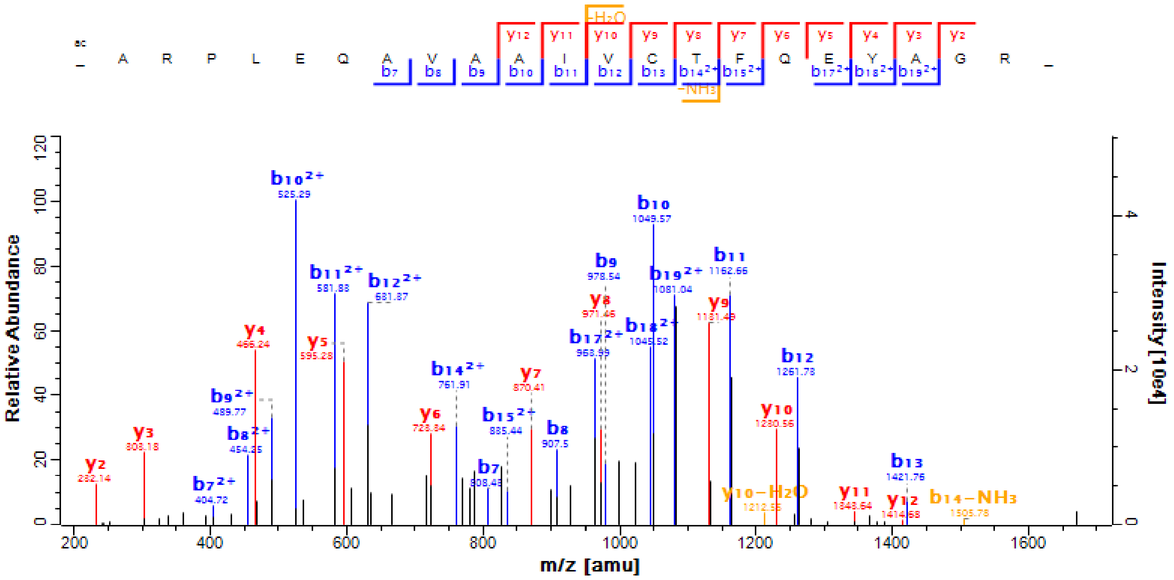


Protein Group ID: 2600
Protein Accession Numbers: P32320
Gene Names: CDA
Peptide Sequence: GCNIENACYPLGICAER
Total Number of Spectra: 6
Number of Replicates (out of 8): 4
Best Match Score: 161.99
Best Match Posterior Error Probability: 1.66E-09
Best Match Spectrum:

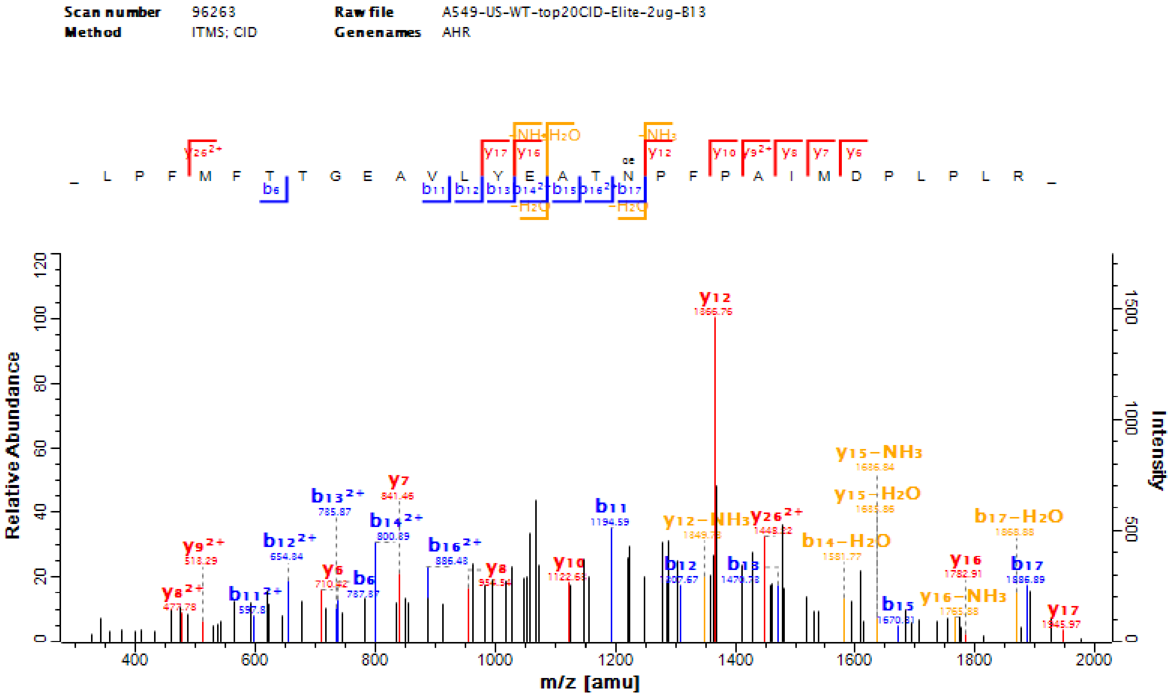


Protein Group ID: 2610
Protein Accession Numbers: P33764
Gene Names: S100A3
Peptide Sequence: ARPLEQAVAAIVCTFQEYAGR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 153.11
Best Match Posterior Error Probability: 2.66E-21
Best Match Spectrum:

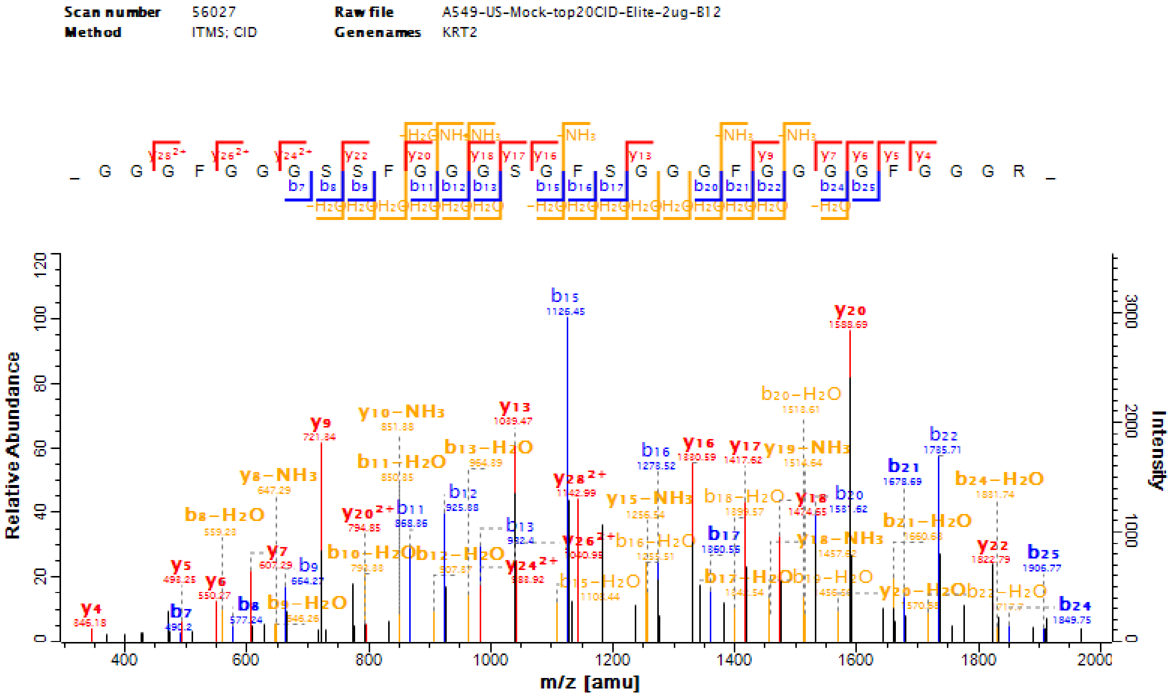
Scan number	97283	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	S100A3



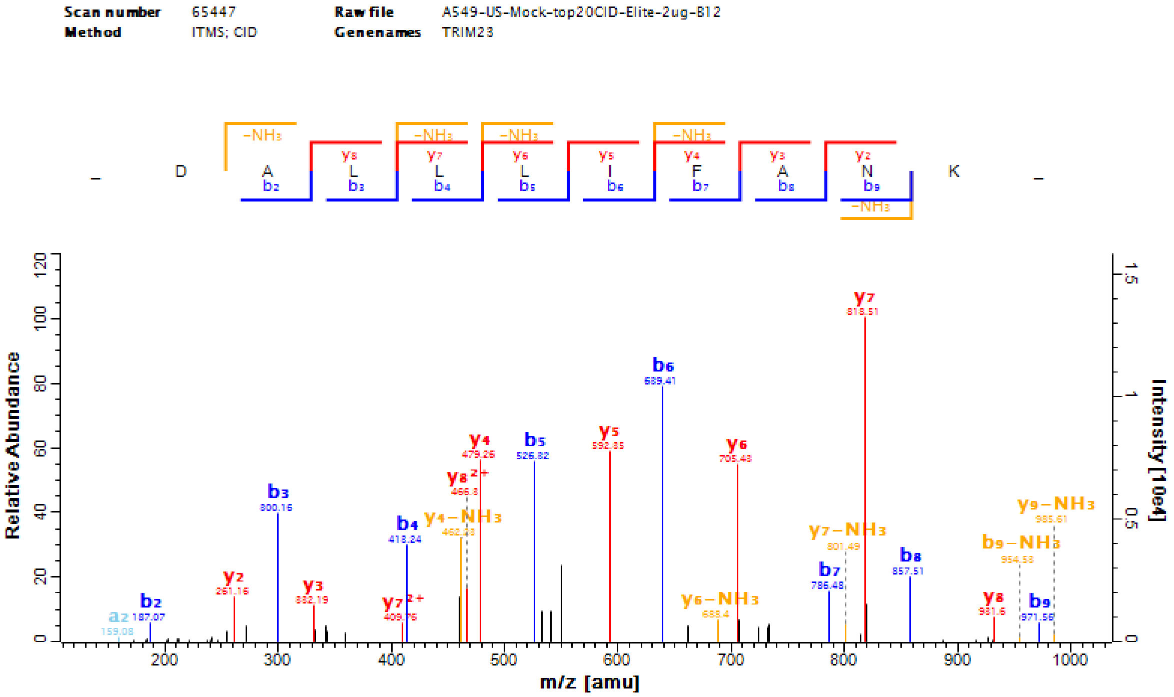
Protein Group ID: 2641
Protein Accession Numbers: P35869
Gene Names: AHR
Peptide Sequence: LPFMFTTGEAVLYEATNPFPAIMDPLPLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 65.387
Best Match Posterior Error Probability: 0.012243
Best Match Spectrum:



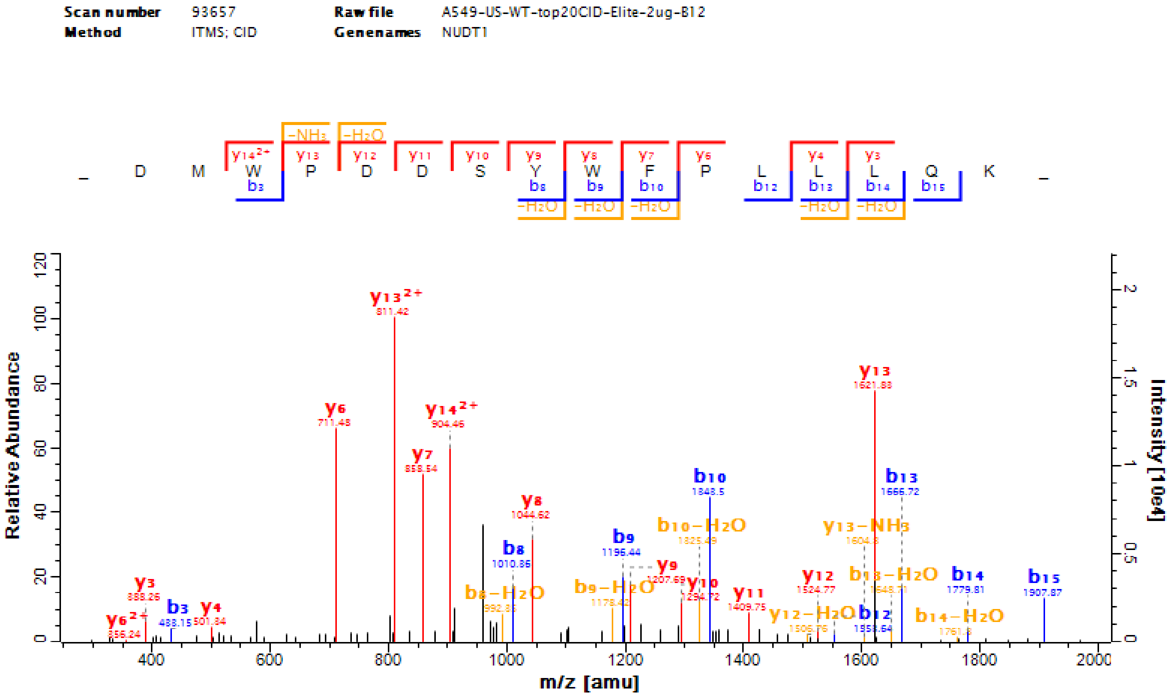
Protein Group ID: 2642
Protein Accession Numbers: P35908
Gene Names: KRT2
Peptide Sequence: GGGFGGGSSFGGGSGFSGGGFGGGGFGGGR
Total Number of Spectra: 16
Number of Replicates (out of 8): 7
Best Match Score: 226.72
Best Match Posterior Error Probability: 2.19E-111
Best Match Spectrum:



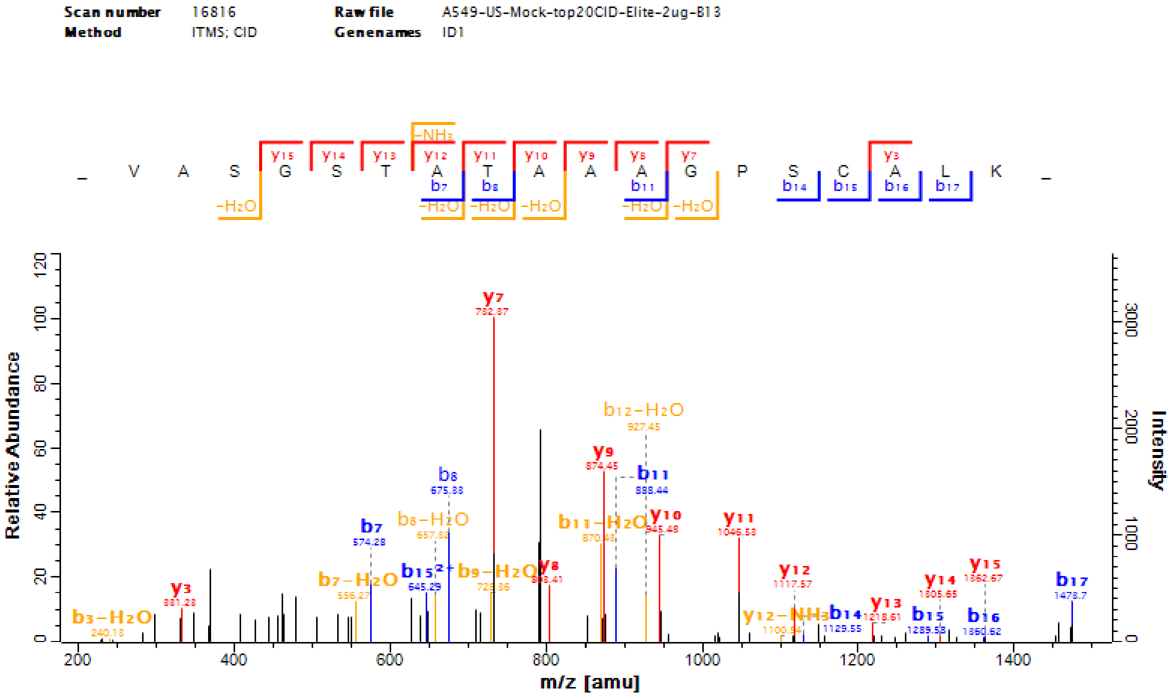
Protein Group ID: 2646
Protein Accession Numbers: P36406; P36406-2; P36406-3
Gene Names: TRIM23
Peptide Sequence: DALLLIFANK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 192.32
Best Match Posterior Error Probability: 8.24E-13
Best Match Spectrum:



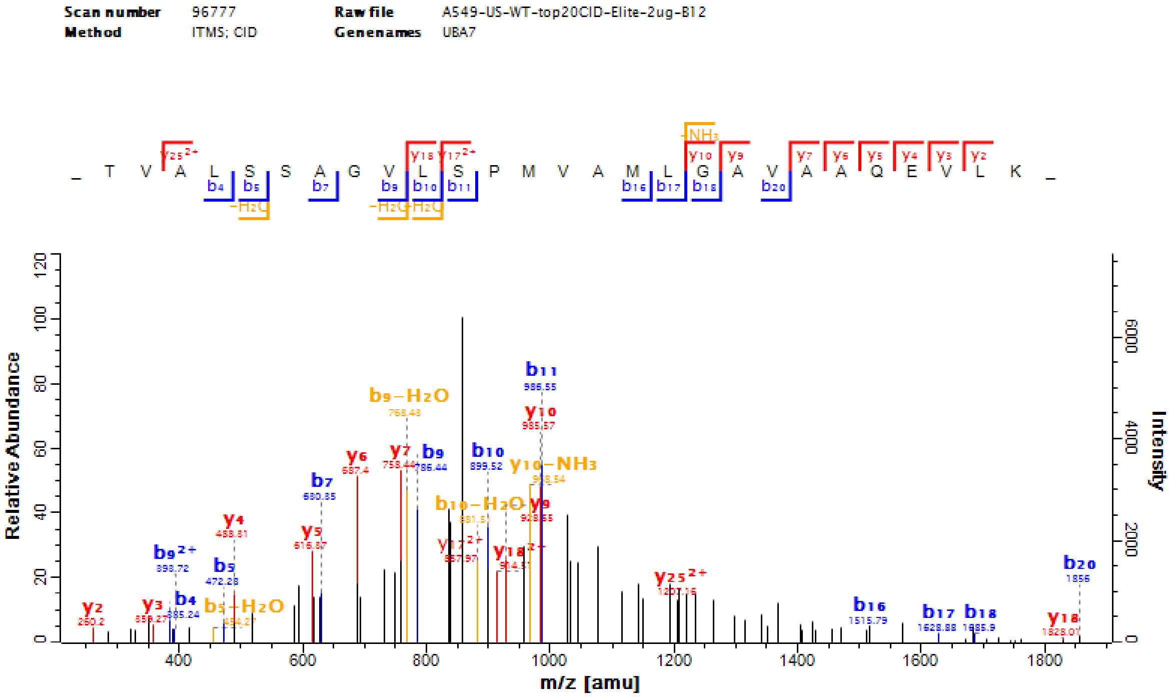
Protein Group ID: 2652
Protein Accession Numbers: P36639; P36639-2; P36639-3; P36639-4
Gene Names: NUDT1
Peptide Sequence: DMWPDDSYWFPLLLQK
Total Number of Spectra: 10
Number of Replicates (out of 8): 8
Best Match Score: 193.16
Best Match Posterior Error Probability: 2.01E-28
Best Match Spectrum:



Protein Group ID: 2686
Protein Accession Numbers: P41134; P41134-2
Gene Names: ID1
Peptide Sequence: VASGSTATAAAGPSCALK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 109.42
Best Match Posterior Error Probability: 3.53E-05
Best Match Spectrum:

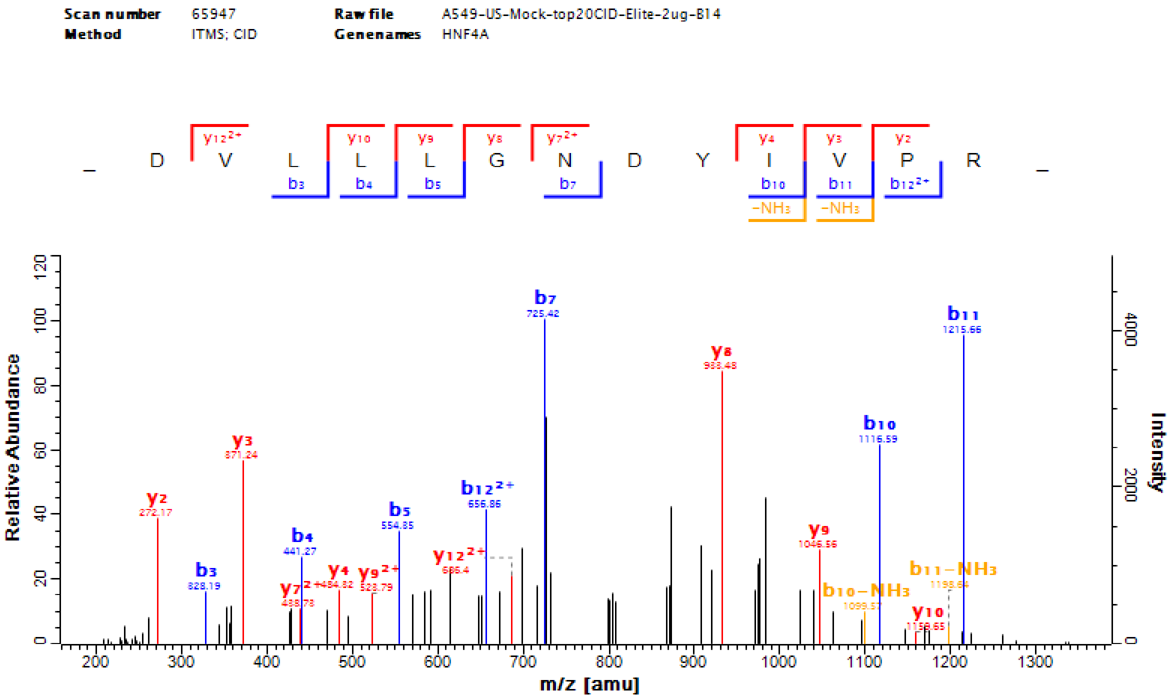


Protein Group ID: 2691
Protein Accession Numbers: P41226
Gene Names: UBA7
Peptide Sequence: TVALSSAGVLSPMVAMLGAVAAQEVLK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 84.127
Best Match Posterior Error Probability: 4.00E-05
Best Match Spectrum:



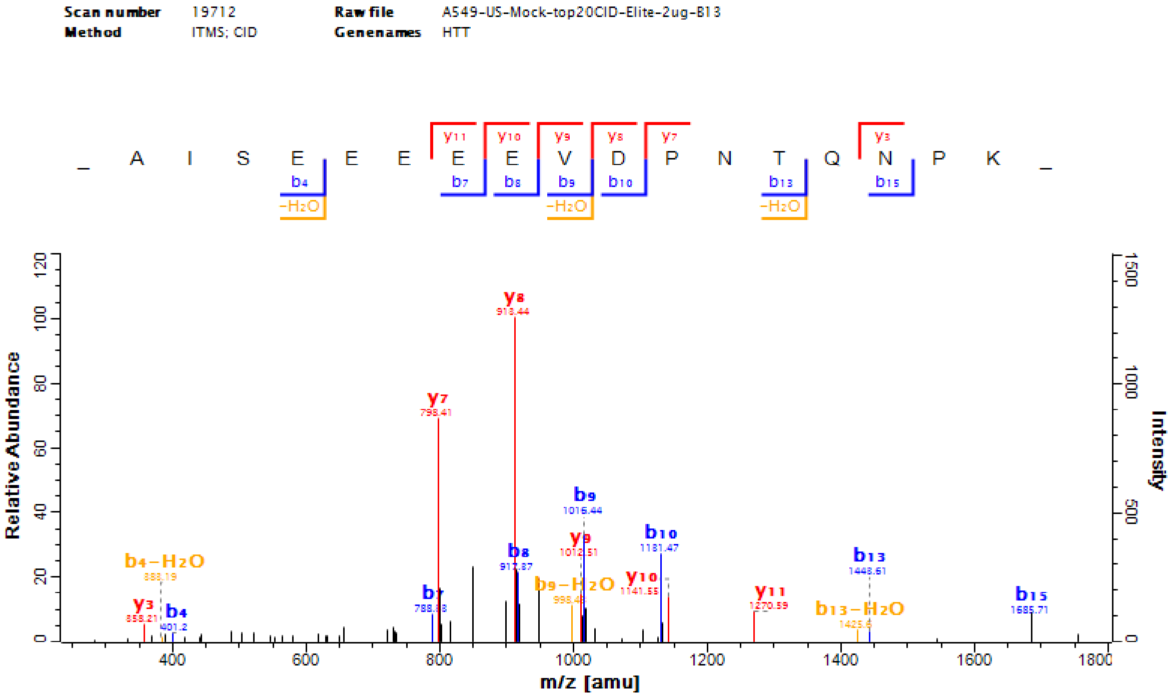
Scan number 96777 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** UBA7

Protein Group ID: 2693
Protein Accession Numbers: P41235-4; P41235; P41235-2; P41235-5; P41235-6; P41235-3; P41235-7
Gene Names: HNF4A
Peptide Sequence: DVLLLGNDYIVPR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 112.43
Best Match Posterior Error Probability: 0.00027875
Best Match Spectrum:

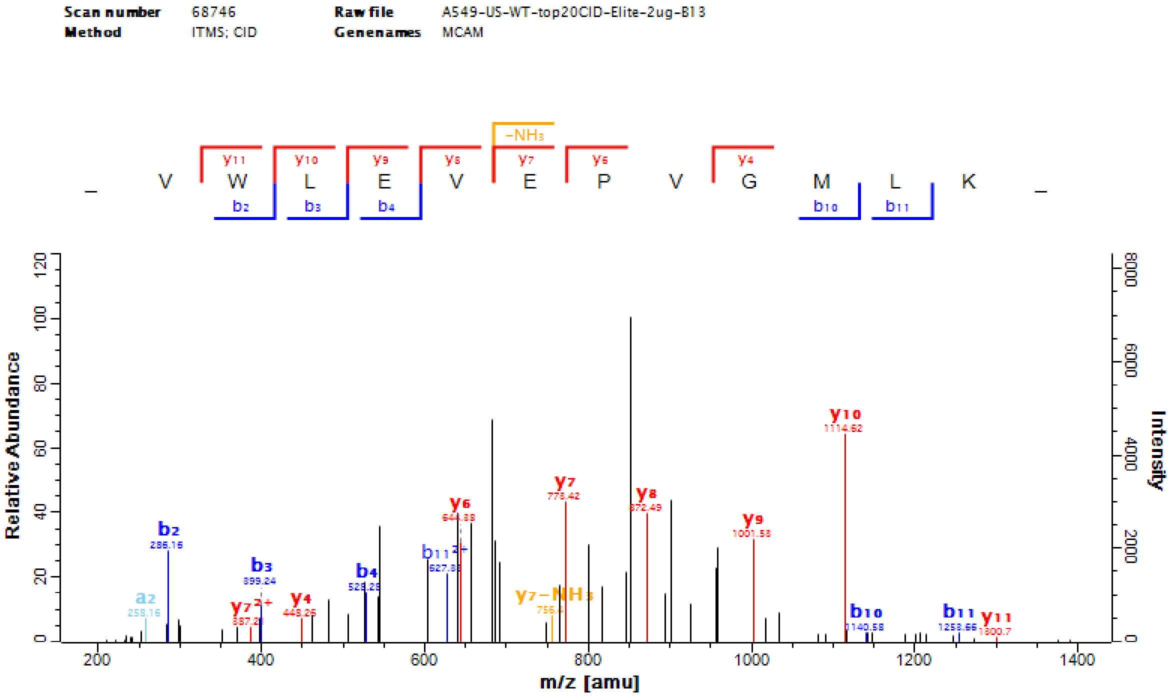


Scan number 65947 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** HNF4A

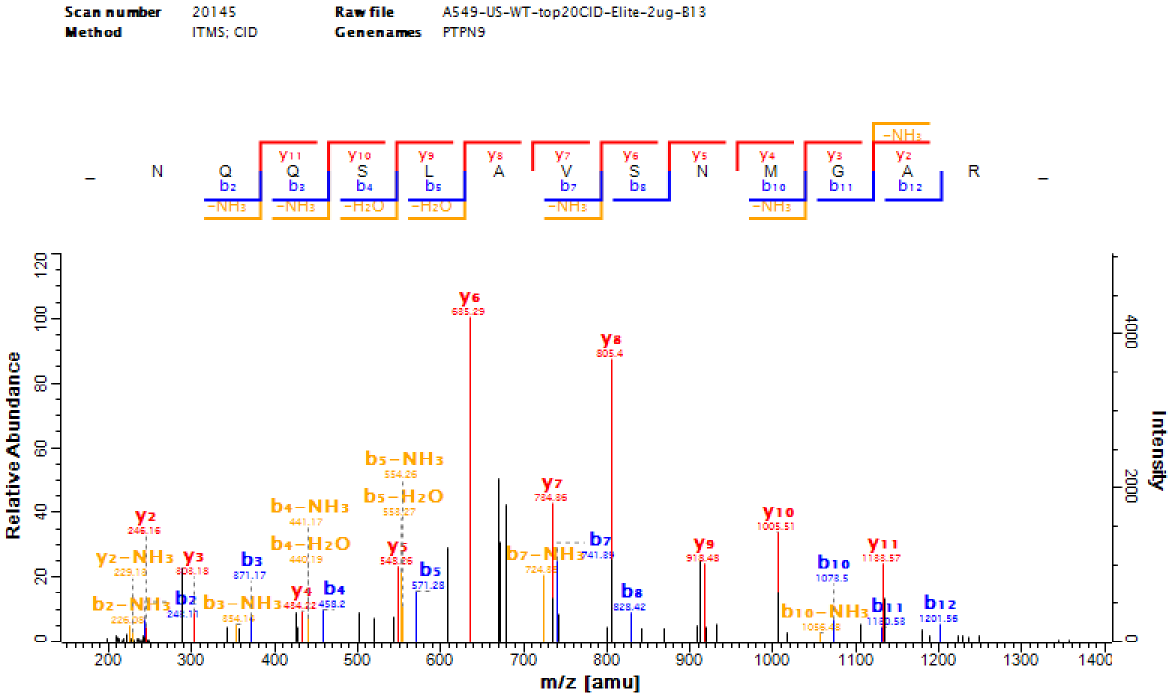
Protein Group ID: 2712
Protein Accession Numbers: P42858
Gene Names: HTT
Peptide Sequence: AISEEEEEVDPNTQNPK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 83.106
Best Match Posterior Error Probability: 0.0011246
Best Match Spectrum:



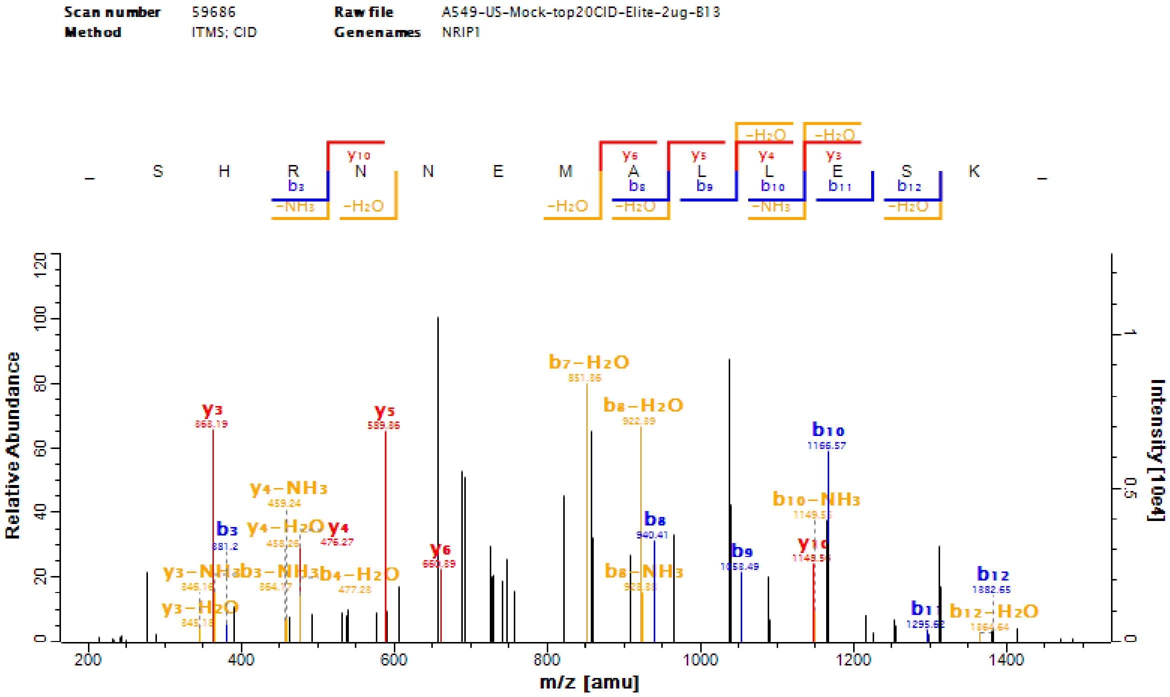
Protein Group ID: 2715
Protein Accession Numbers: P43121; P43121-2
Gene Names: MCAM
Peptide Sequence: VWLEVEPVGMLK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 77.597
Best Match Posterior Error Probability: 0.0039159
Best Match Spectrum:



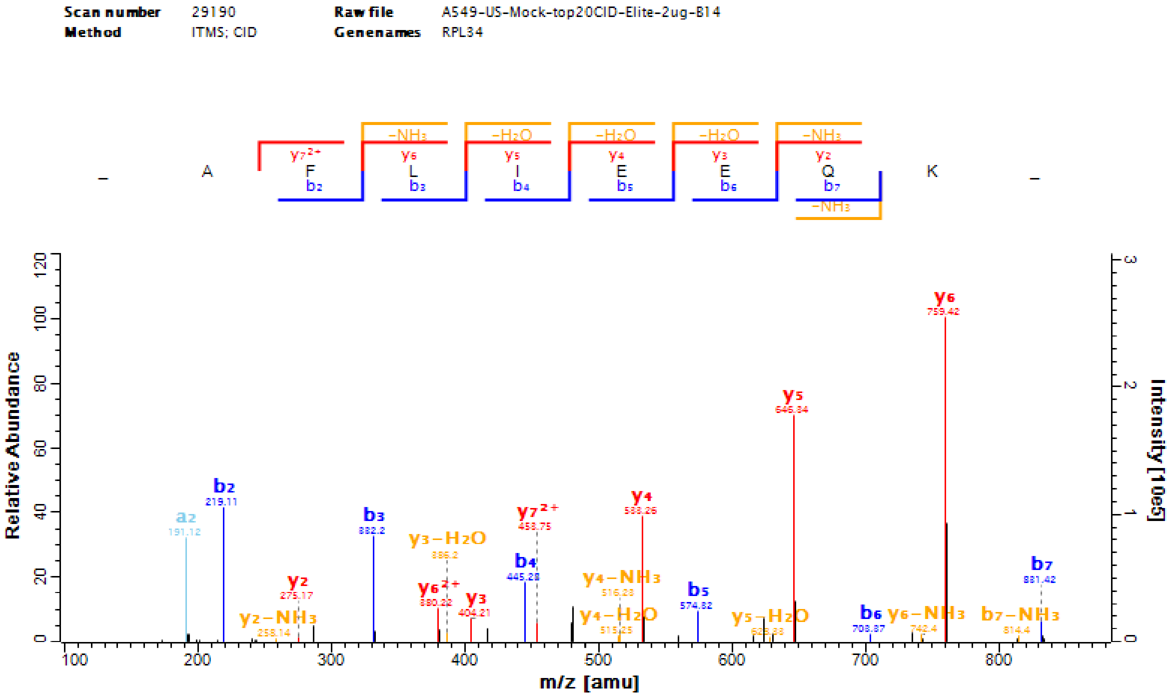
Protein Group ID: 2722
Protein Accession Numbers: P43378
Gene Names: PTPN9
Peptide Sequence: NQQSLAVSNMGAR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 178.84
Best Match Posterior Error Probability: 2.02E-14
Best Match Spectrum:



Protein Group ID: 2769
Protein Accession Numbers: P48552
Gene Names: NRIP1
Peptide Sequence: SHRNNEMALLESK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 98.337
Best Match Posterior Error Probability: 0.0026583
Best Match Spectrum:

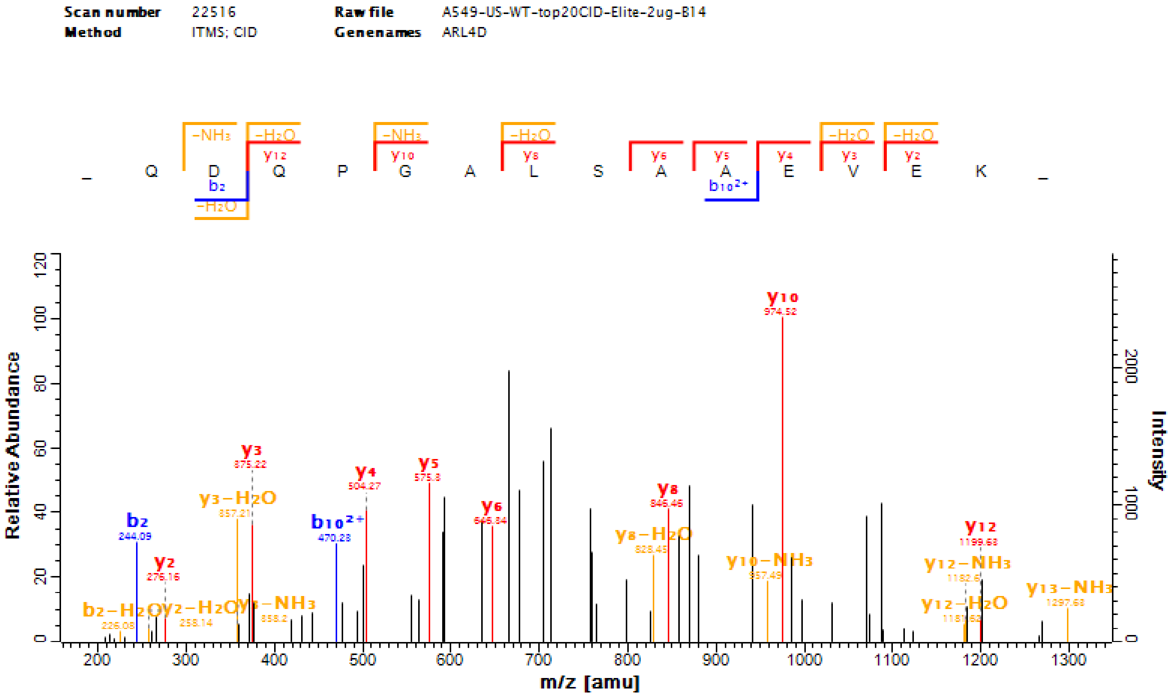


Protein Group ID: 2780
Protein Accession Numbers: P49207
Gene Names: RPL34
Peptide Sequence: AFLIEEQK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 182.68
Best Match Posterior Error Probability: 1.10E-08
Best Match Spectrum:

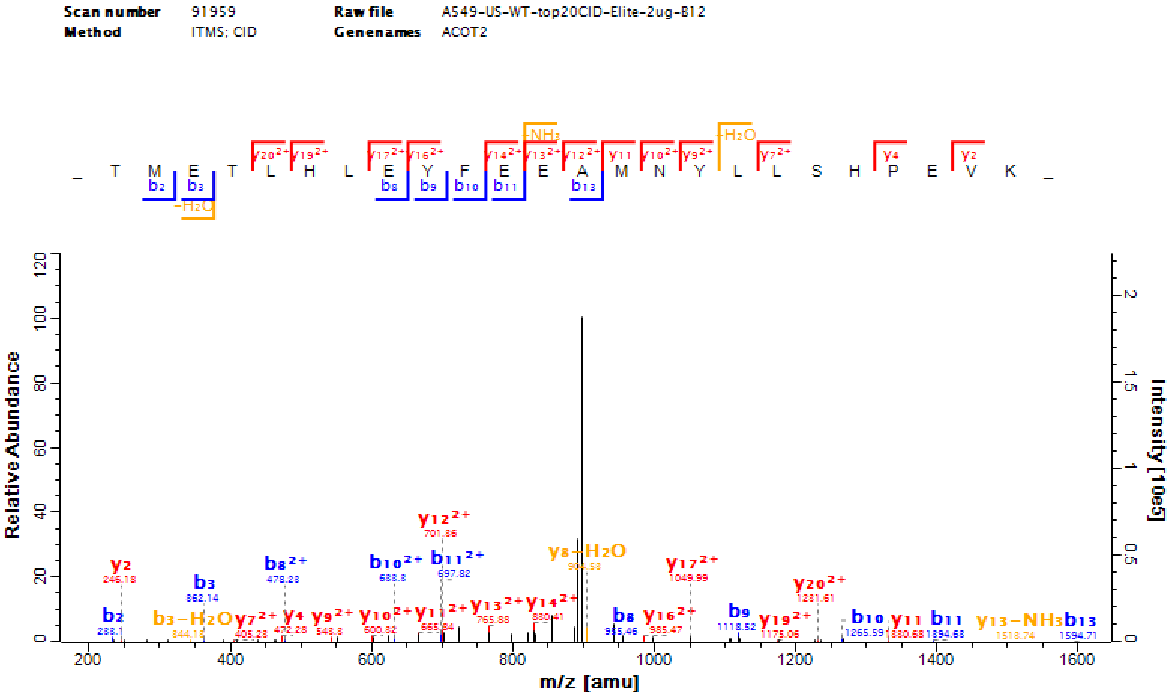


Scan number	29190	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B14
Method	ITMS; CID	**Genenames**	RPL34

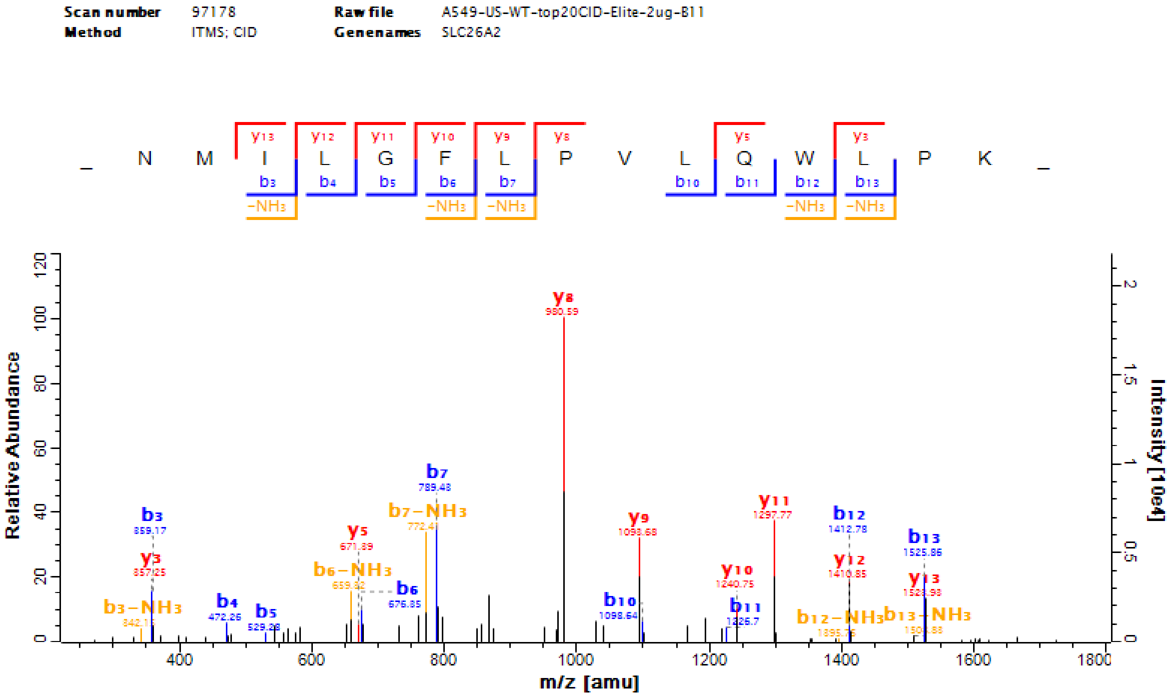
Protein Group ID: 2799
Protein Accession Numbers: P49703
Gene Names: ARL4D
Peptide Sequence: QDQPGALSAAEVEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 80.905
Best Match Posterior Error Probability: 0.0030248
Best Match Spectrum:



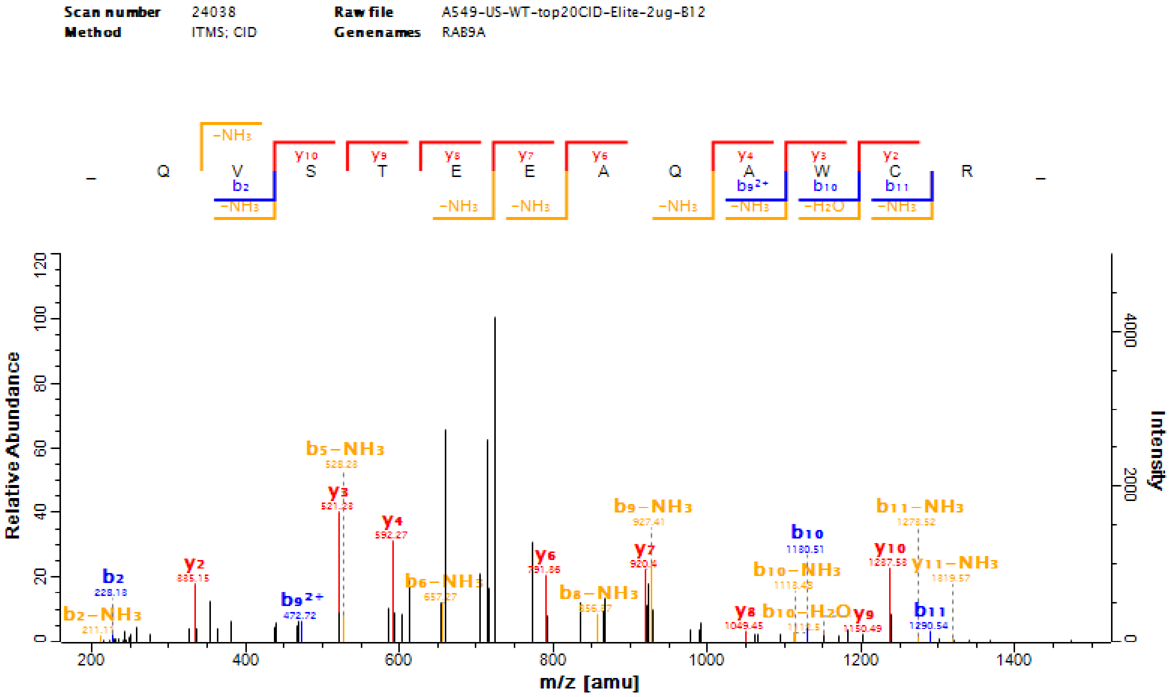
Protein Group ID: 2805
Protein Accession Numbers: P49753; P49753-2; B3KSA0
Gene Names: ACOT2
Peptide Sequence: TMETLHLEYFEEAMNYLLSHPEVK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 111.95
Best Match Posterior Error Probability: 5.42E-09
Best Match Spectrum:



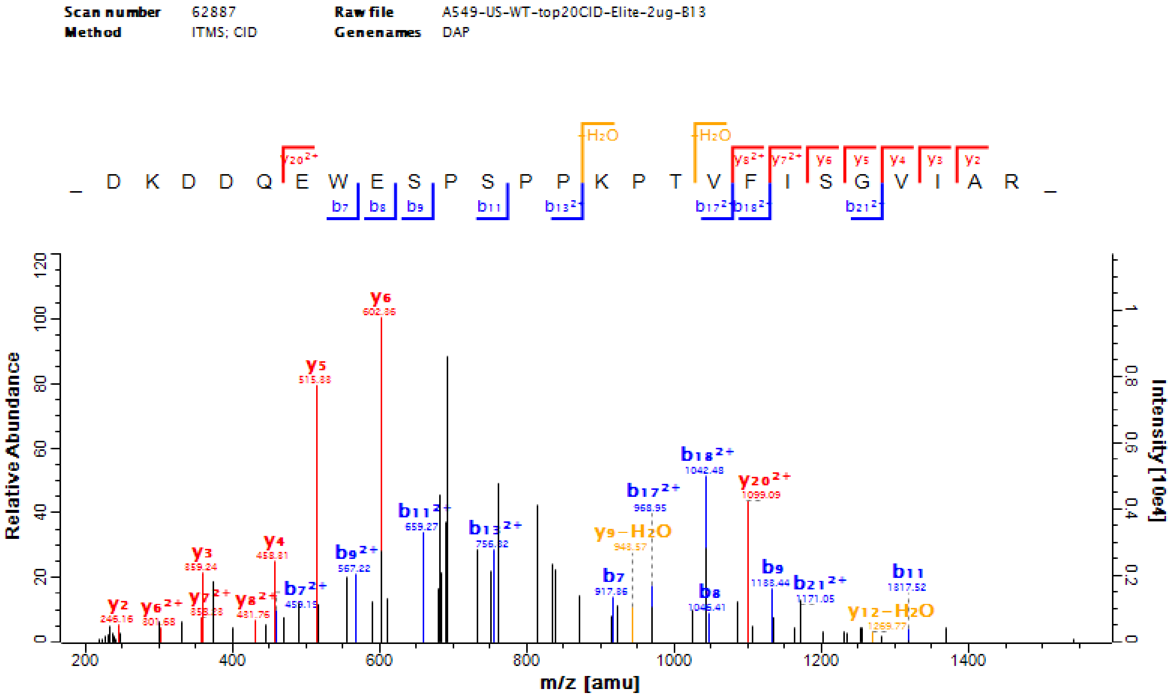
Protein Group ID: 2824
Protein Accession Numbers: P50443
Gene Names: SLC26A2
Peptide Sequence: NMILGFLPVLQWLPK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 125.53
Best Match Posterior Error Probability: 3.57E-05
Best Match Spectrum:



Protein Group ID: 2843
Protein Accession Numbers: P51151
Gene Names: RAB9A
Peptide Sequence: QVSTEEAQAWCR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 86.911
Best Match Posterior Error Probability: 0.0017887
Best Match Spectrum:

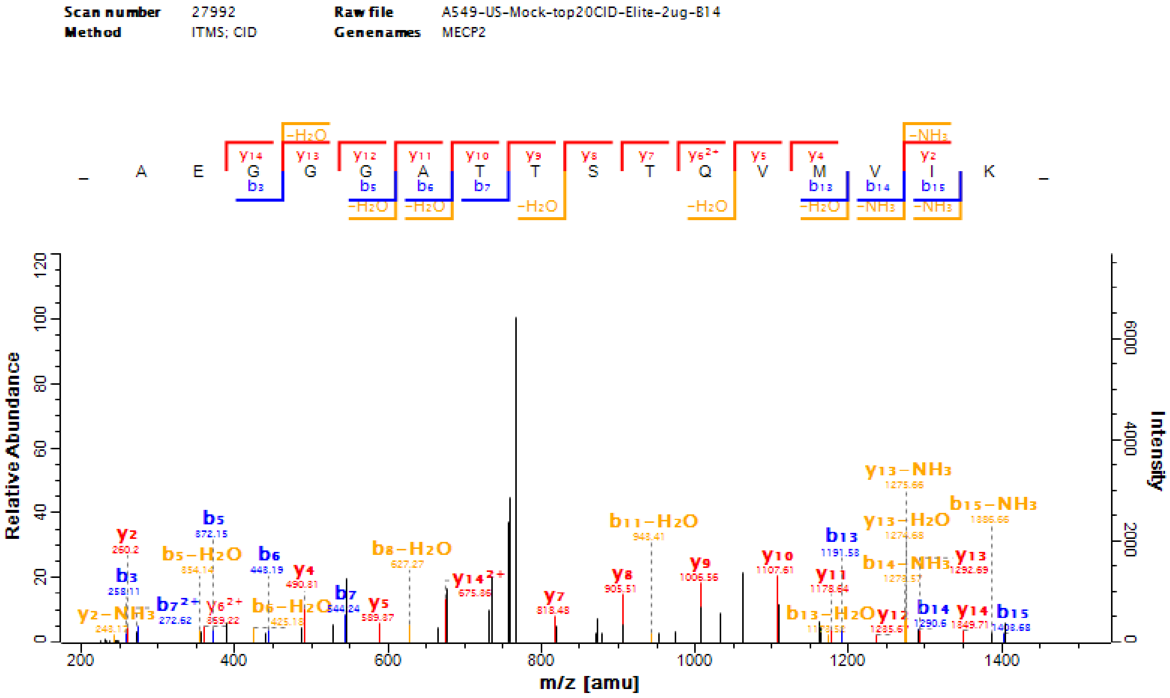


Protein Group ID: 2845
Protein Accession Numbers: P51397
Gene Names: DAP
Peptide Sequence: DKDDQEWESPSPPKPTVFISGVIAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 78.324
Best Match Posterior Error Probability: 0.0024478
Best Match Spectrum:



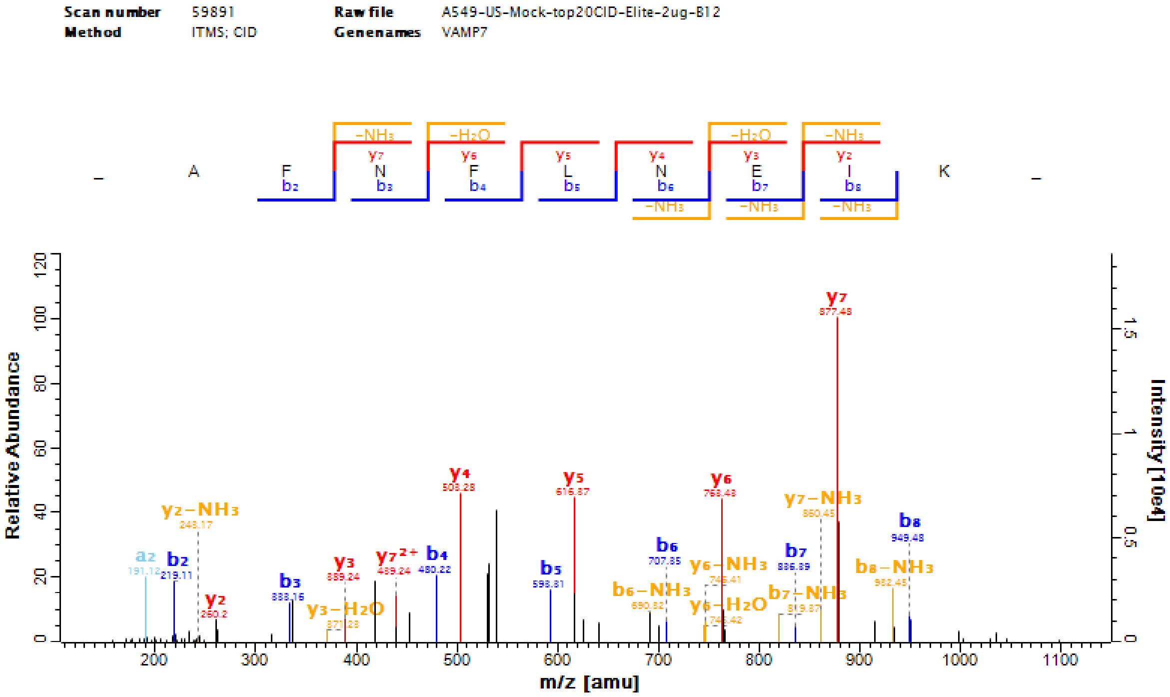
Scan number 62887 **Raw file** A549-US-WT-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** DAP

Protein Group ID: 2853
Protein Accession Numbers: P51608-2; P51608
Gene Names: MECP2
Peptide Sequence: AEGGGATTSTQVMVIK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 160.8
Best Match Posterior Error Probability: 1.63E-09
Best Match Spectrum:

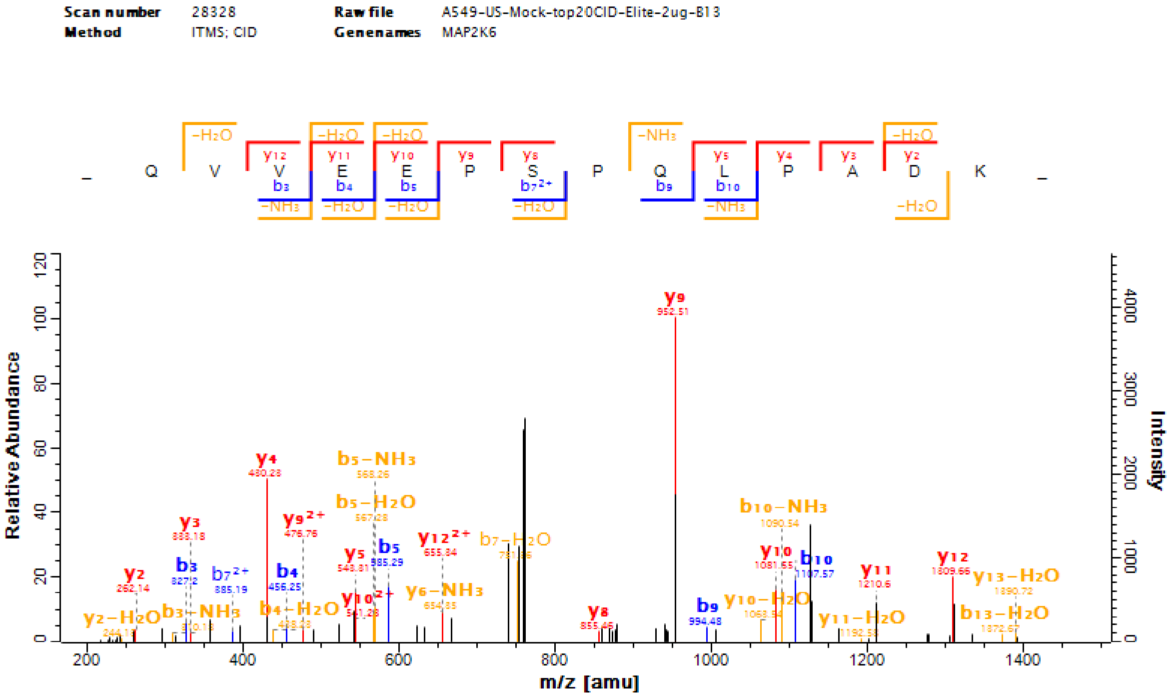


Scan number 27992 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** MECP2

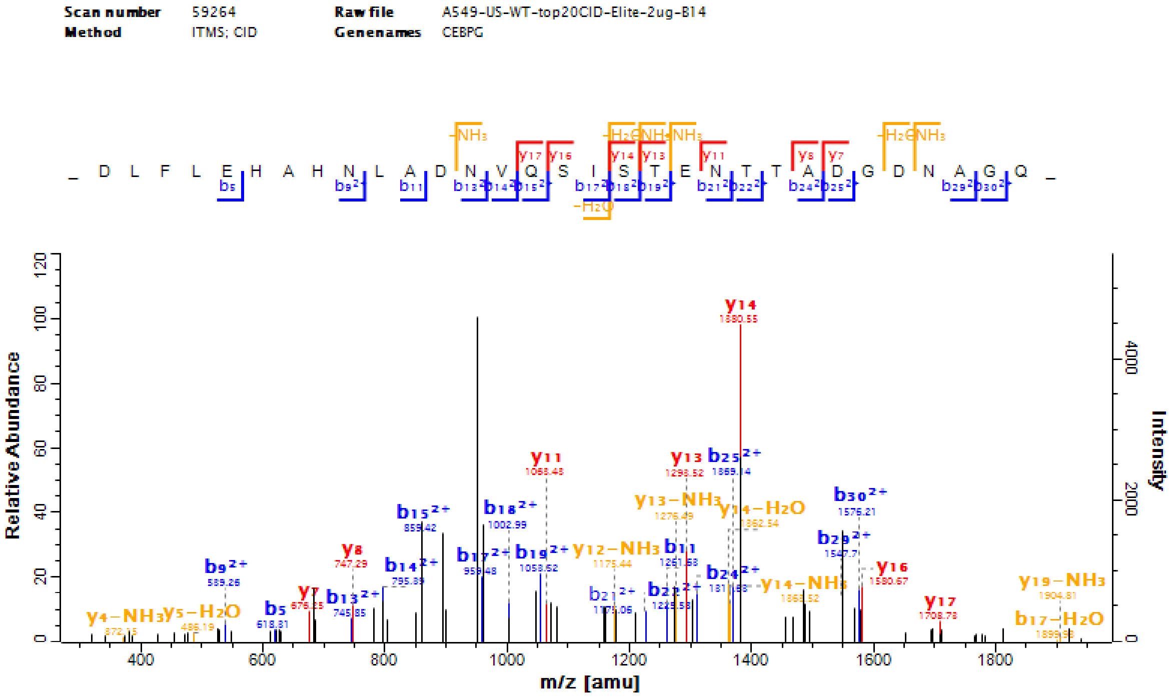
Protein Group ID: 2858
Protein Accession Numbers: P51809-2; P51809; P51809-3
Gene Names: VAMP7
Peptide Sequence: AFNFLNEIK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 163.94
Best Match Posterior Error Probability: 1.31E-05
Best Match Spectrum:



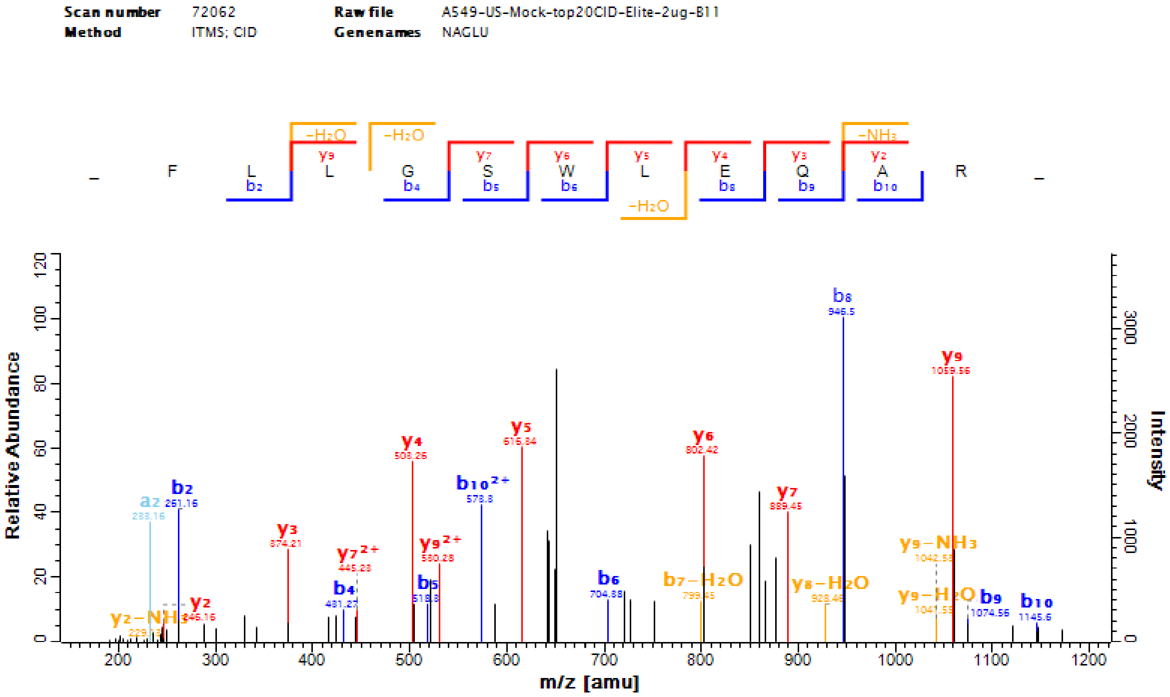
Protein Group ID: 2867
Protein Accession Numbers: P52564; P52564-2
Gene Names: MAP2K6
Peptide Sequence: QVVEEPSPQLPADK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 156.6
Best Match Posterior Error Probability: 5.42E-08
Best Match Spectrum:



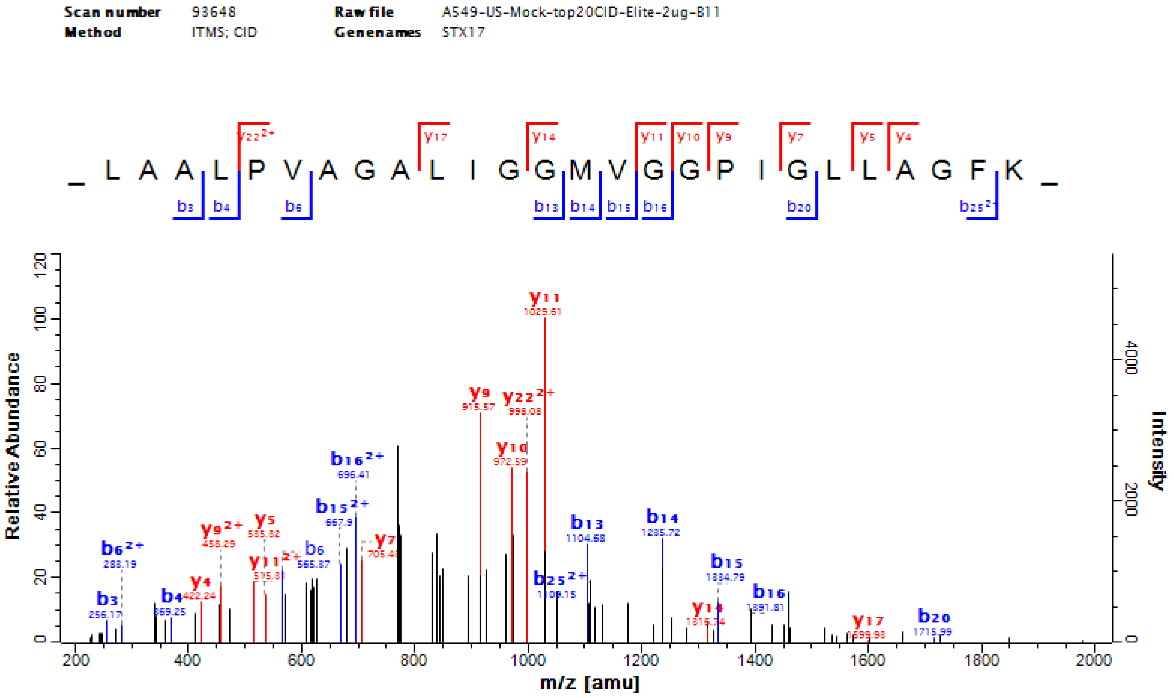
Protein Group ID: 2886
Protein Accession Numbers: P53567
Gene Names: CEBPG
Peptide Sequence: DLFLEHAHNLADNVQSISTENTTADGDNAGQ
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 74.287
Best Match Posterior Error Probability: 7.90E-06
Best Match Spectrum:



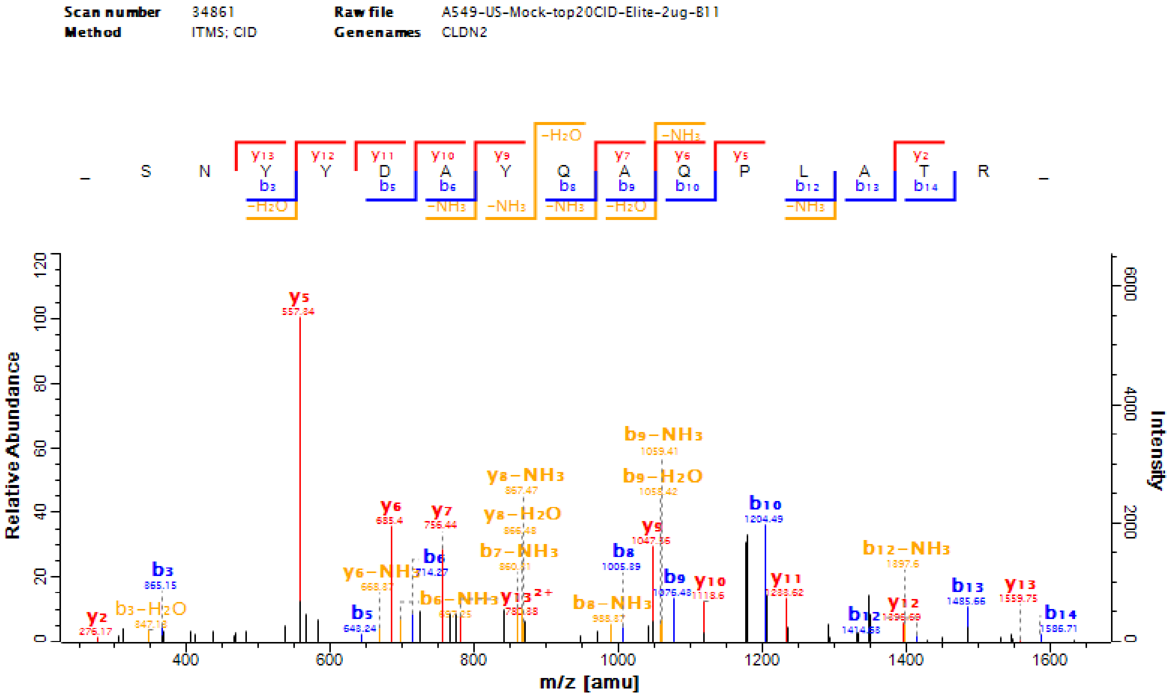
Protein Group ID: 2907
Protein Accession Numbers: P54802
Gene Names: NAGLU
Peptide Sequence: FLLGSWLEQAR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 145.91
Best Match Posterior Error Probability: 1.12E-05
Best Match Spectrum:



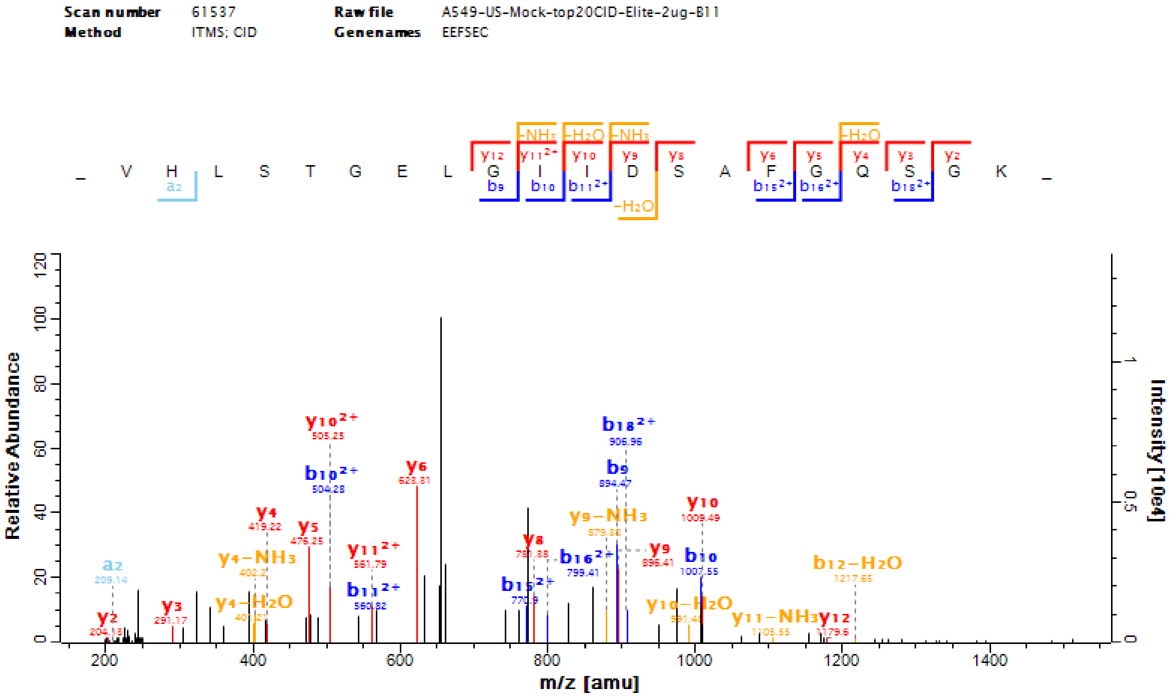
Protein Group ID: 2932
Protein Accession Numbers: P56962
Gene Names: STX17
Peptide Sequence: LAALPVAGALIGGMVGGPIGLLAGFK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 112.55
Best Match Posterior Error Probability: 1.23E-11
Best Match Spectrum:



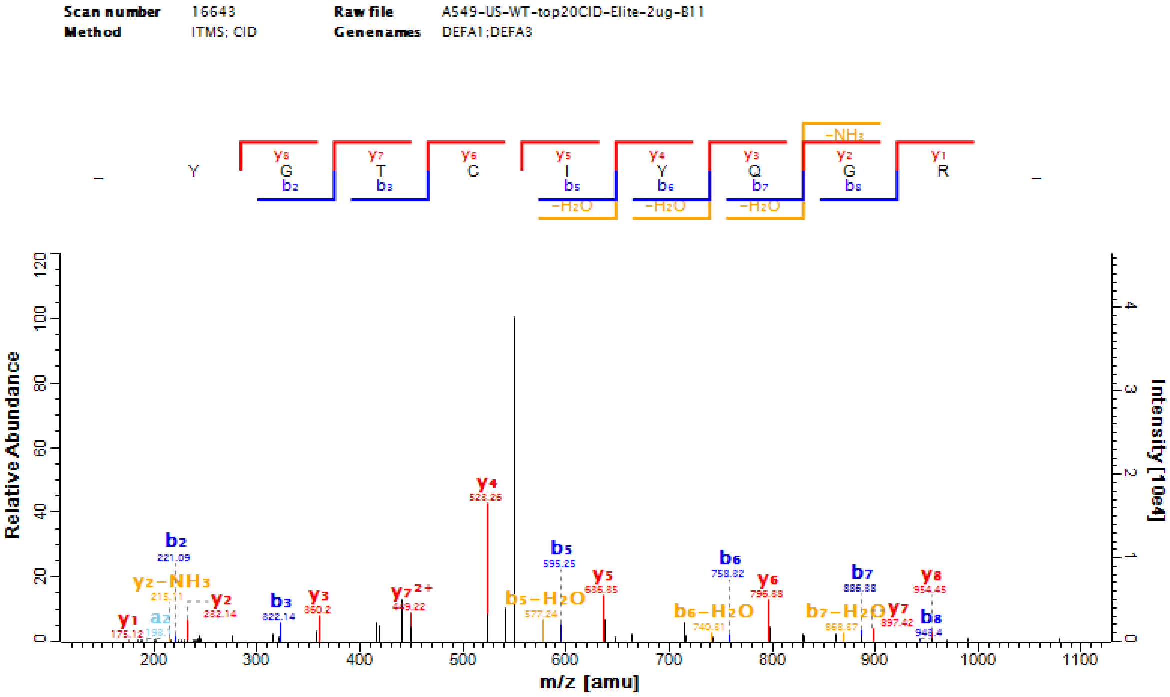
Protein Group ID: 2937
Protein Accession Numbers: P57739
Gene Names: CLDN2
Peptide Sequence: SNYYDAYQAQPLATR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 135.23
Best Match Posterior Error Probability: 2.54E-05
Best Match Spectrum:



Protein Group ID: 2939
Protein Accession Numbers: P57772
Gene Names: EEFSEC
Peptide Sequence: VHLSTGELGIIDSAFGQSGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 82.449
Best Match Posterior Error Probability: 0.00042249
Best Match Spectrum:

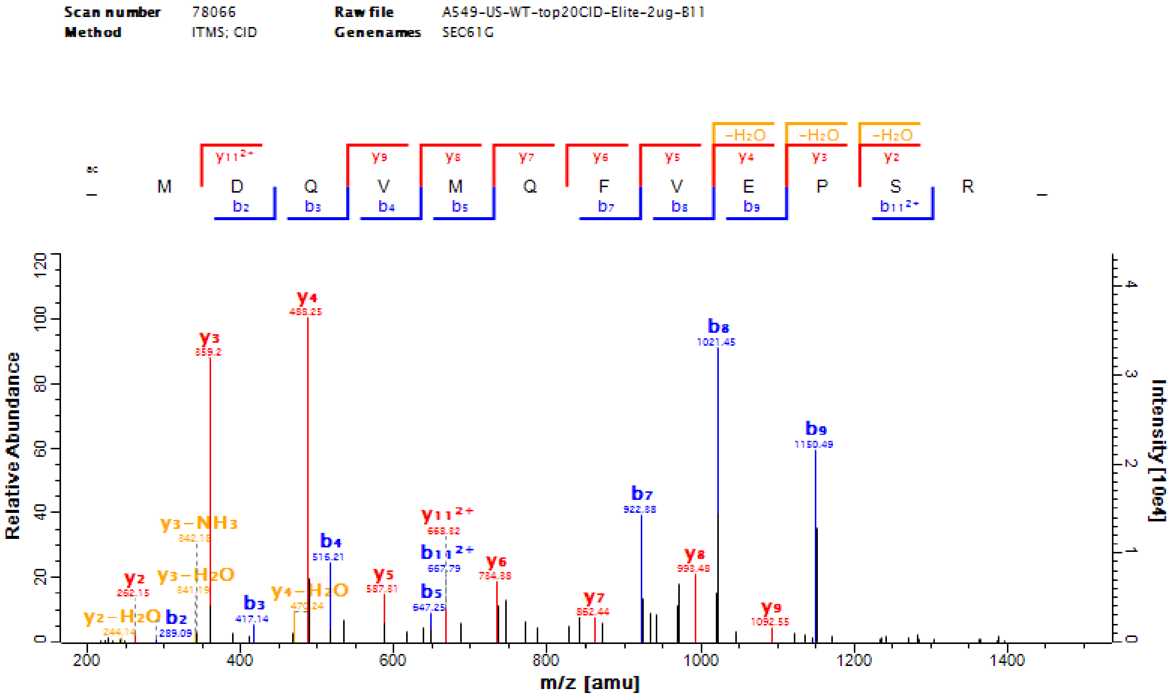


Protein Group ID: 2943
Protein Accession Numbers: P59665; P59666
Gene Names: DEFA1;DEFA3
Peptide Sequence: YGTCIYQGR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 130.66
Best Match Posterior Error Probability: 0.00012438
Best Match Spectrum:

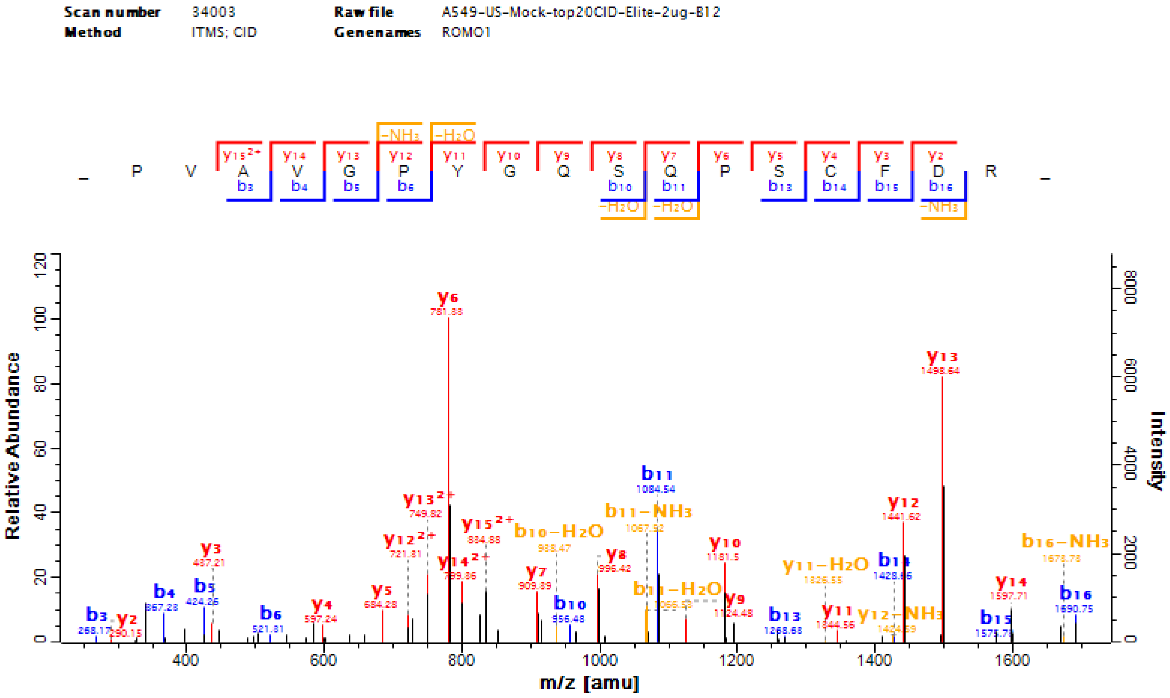


Scan number 16643 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** DEFA1;DEFA3

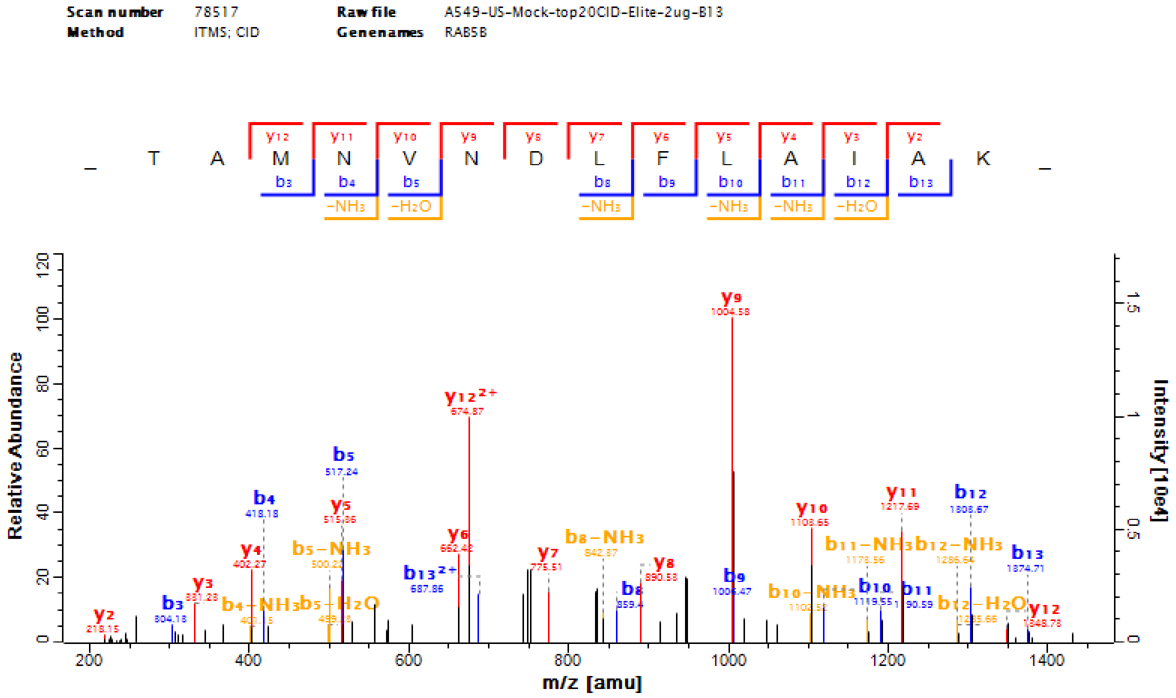
Protein Group ID: 2944
Protein Accession Numbers: P60059
Gene Names: SEC61G
Peptide Sequence: MDQVMQFVEPSR
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 125.61
Best Match Posterior Error Probability: 0.00014541
Best Match Spectrum:



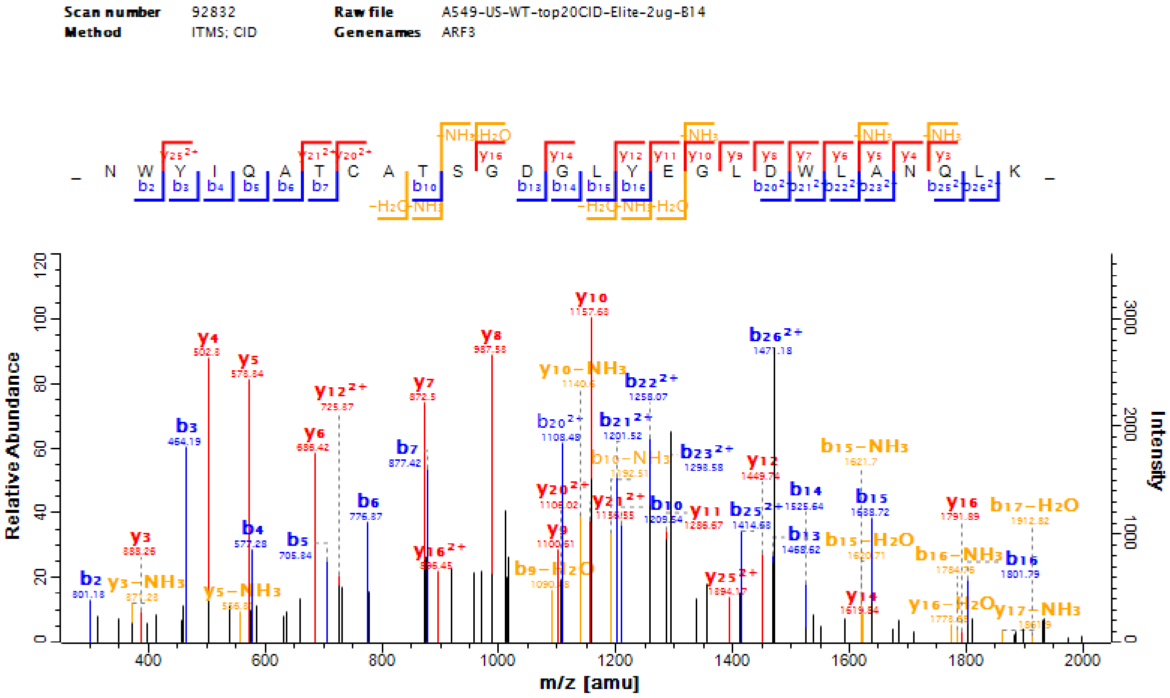
Protein Group ID: 2949
Protein Accession Numbers: P60602; P60602-2
Gene Names: ROMO1
Peptide Sequence: PVAVGPYGQSQPSCFDR
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 168.64
Best Match Posterior Error Probability: 4.54E-14
Best Match Spectrum:



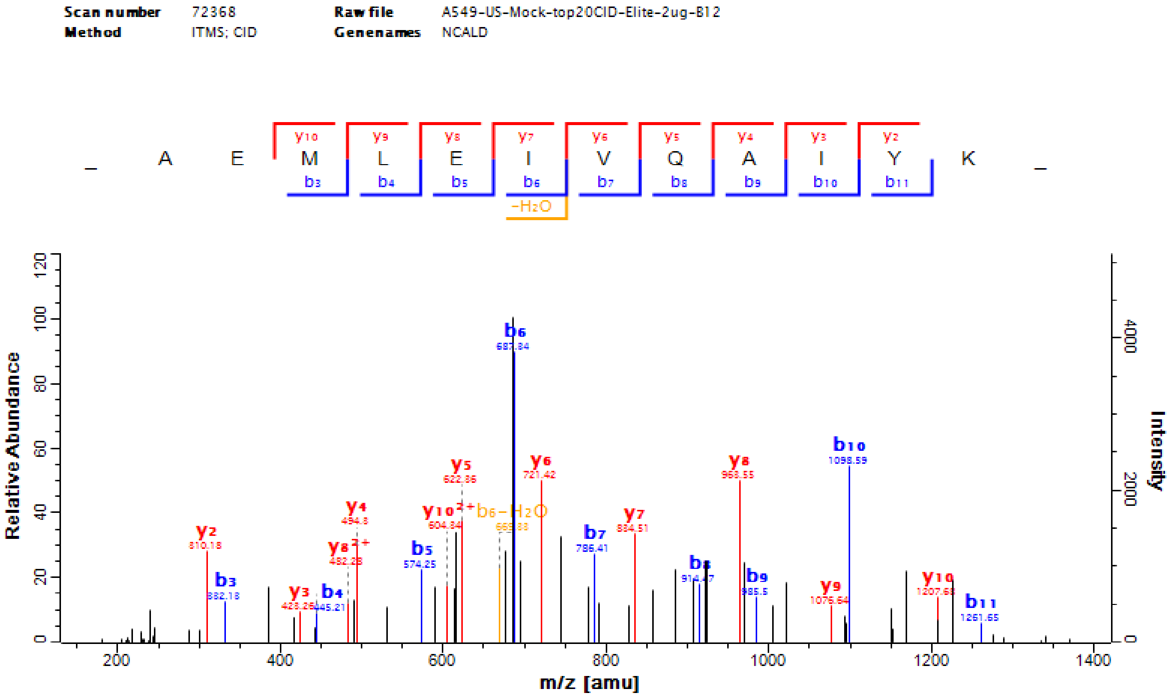
Protein Group ID: 2963
Protein Accession Numbers: P61020; P61020-2; H0YHA1
Gene Names: RAB5B
Peptide Sequence: TAMNVNDLFLAIAK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 194.48
Best Match Posterior Error Probability: 9.05E-25
Best Match Spectrum:



Protein Group ID: 2974
Protein Accession Numbers: P61204; B7ZB63; H0YGG7
Gene Names: ARF3
Peptide Sequence: NWYIQATCATSGDGLYEGLDWLANQLK
Total Number of Spectra: 9
Number of Replicates (out of 8): 8
Best Match Score: 198.22
Best Match Posterior Error Probability: 1.33E-58
Best Match Spectrum:

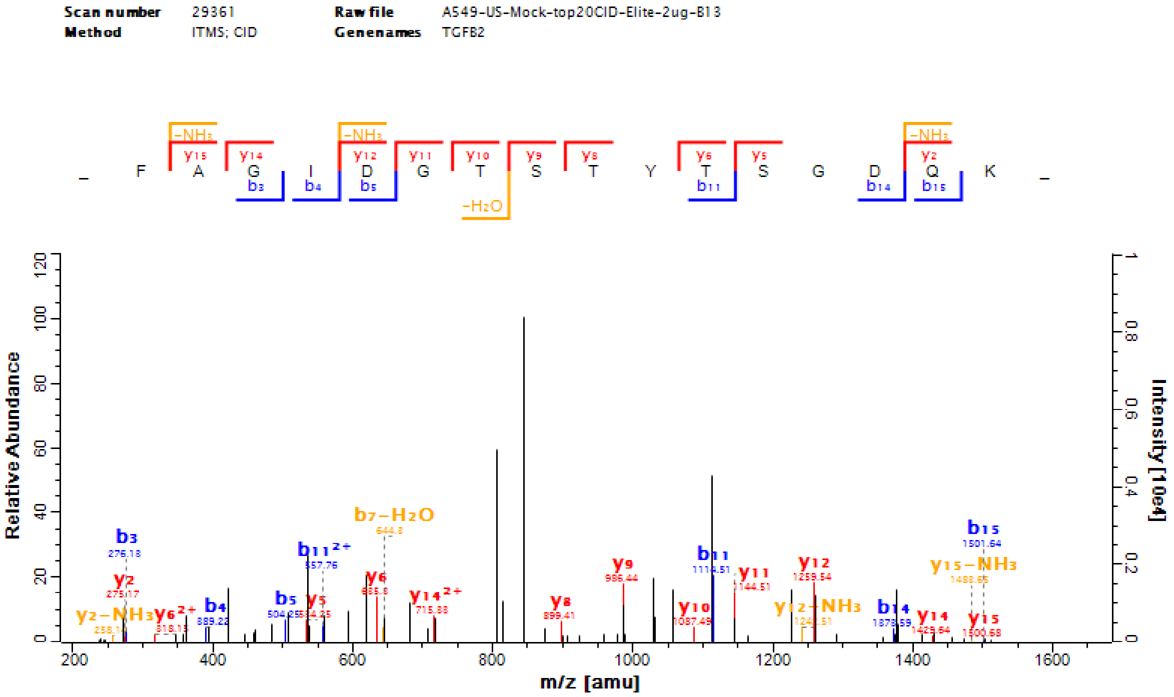


Protein Group ID: 2984
Protein Accession Numbers: P61601; E5RGA9; E5RIZ1
Gene Names: NCALD
Peptide Sequence: AEMLEIVQAIYK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 110.38
Best Match Posterior Error Probability: 0.00025844
Best Match Spectrum:

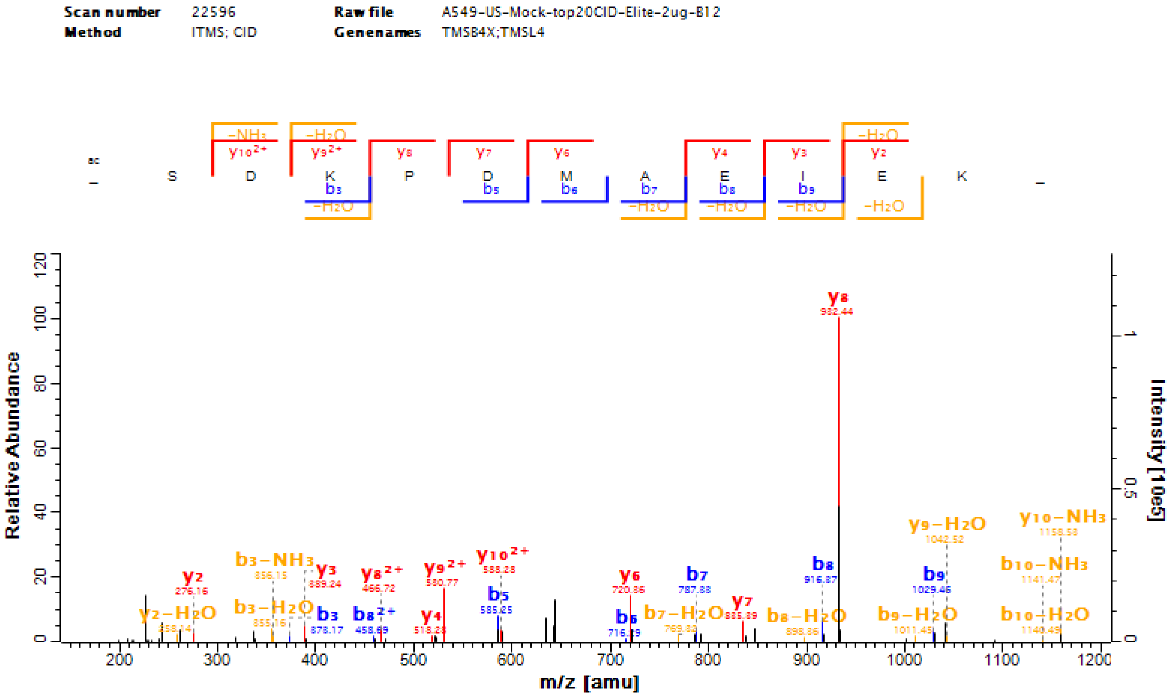


Scan number 72368 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** NCALD

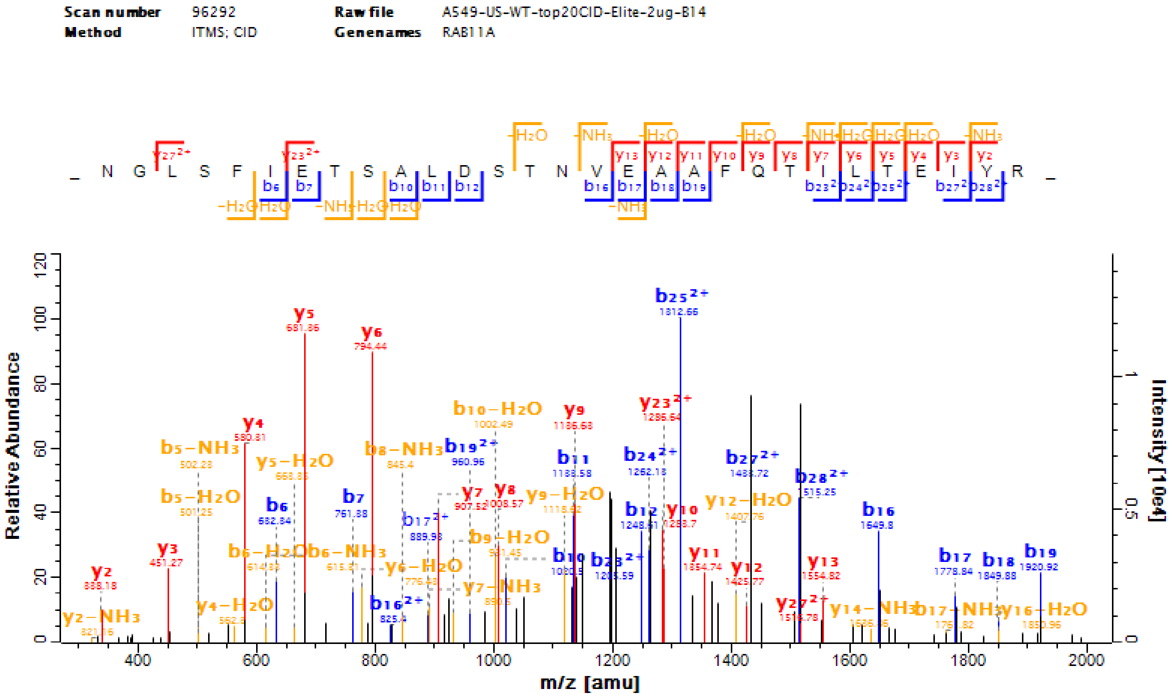
Protein Group ID: 2988
Protein Accession Numbers: P61812-2; P61812
Gene Names: TGFB2
Peptide Sequence: FAGIDGTSTYTSGDQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 96.489
Best Match Posterior Error Probability: 0.00027832
Best Match Spectrum:



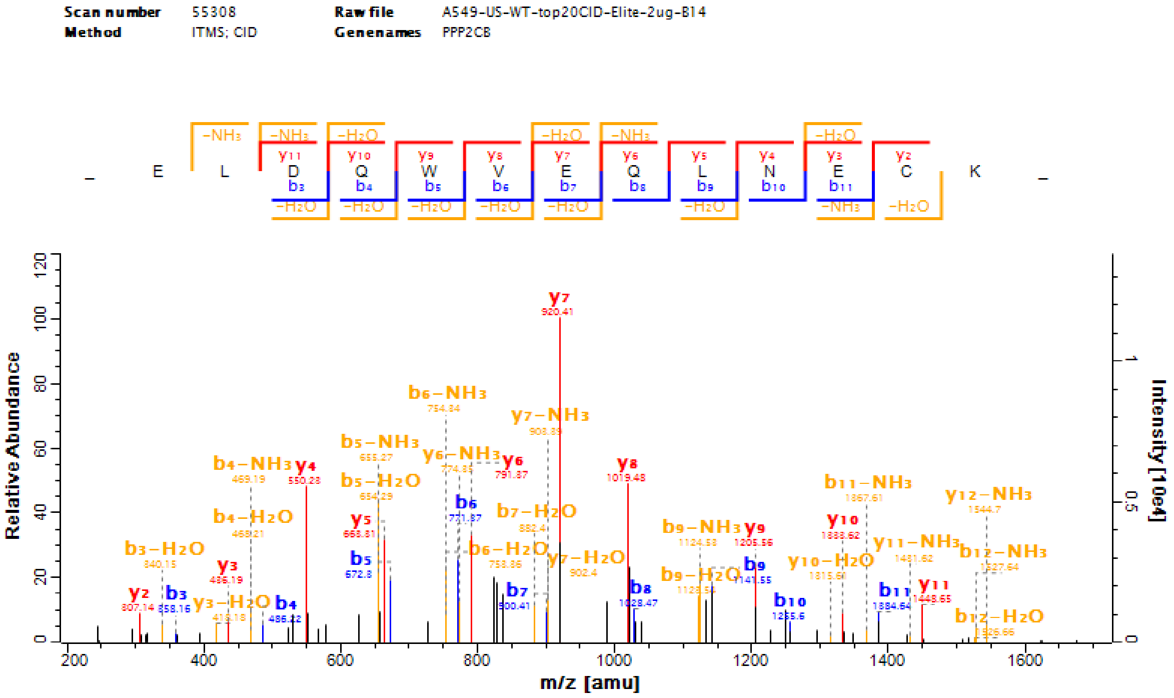
Protein Group ID: 3018
Protein Accession Numbers: P62328; Q5T4B6
Gene Names: TMSB4X;TMSL4
Peptide Sequence: SDKPDMAEIEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 155.99
Best Match Posterior Error Probability: 0.00013559
Best Match Spectrum:



Protein Group ID: 3023
Protein Accession Numbers: P62491; B4DQU5; H3BN38
Gene Names: RAB11A
Peptide Sequence: NGLSFIETSALDSTNVEAAFQTILTEIYR
Total Number of Spectra: 10
Number of Replicates (out of 8): 7
Best Match Score: 176.23
Best Match Posterior Error Probability: 4.64E-42
Best Match Spectrum:

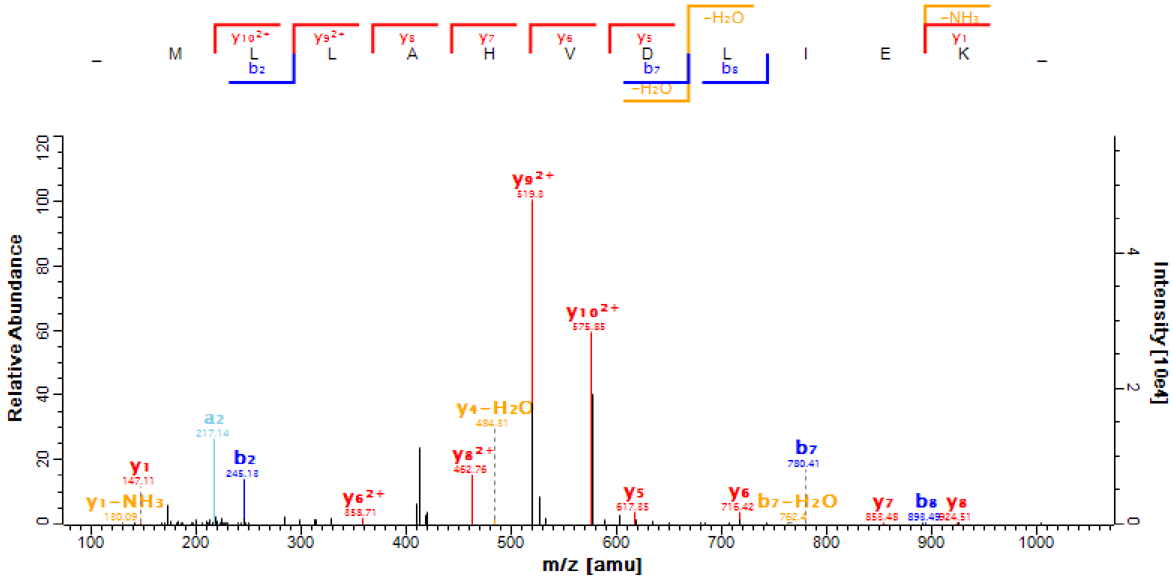


Protein Group ID: 3027
Protein Accession Numbers: P62714; E5RJX4
Gene Names: PPP2CB
Peptide Sequence: ELDQWVEQLNECK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 284.24
Best Match Posterior Error Probability: 2.15E-115
Best Match Spectrum:

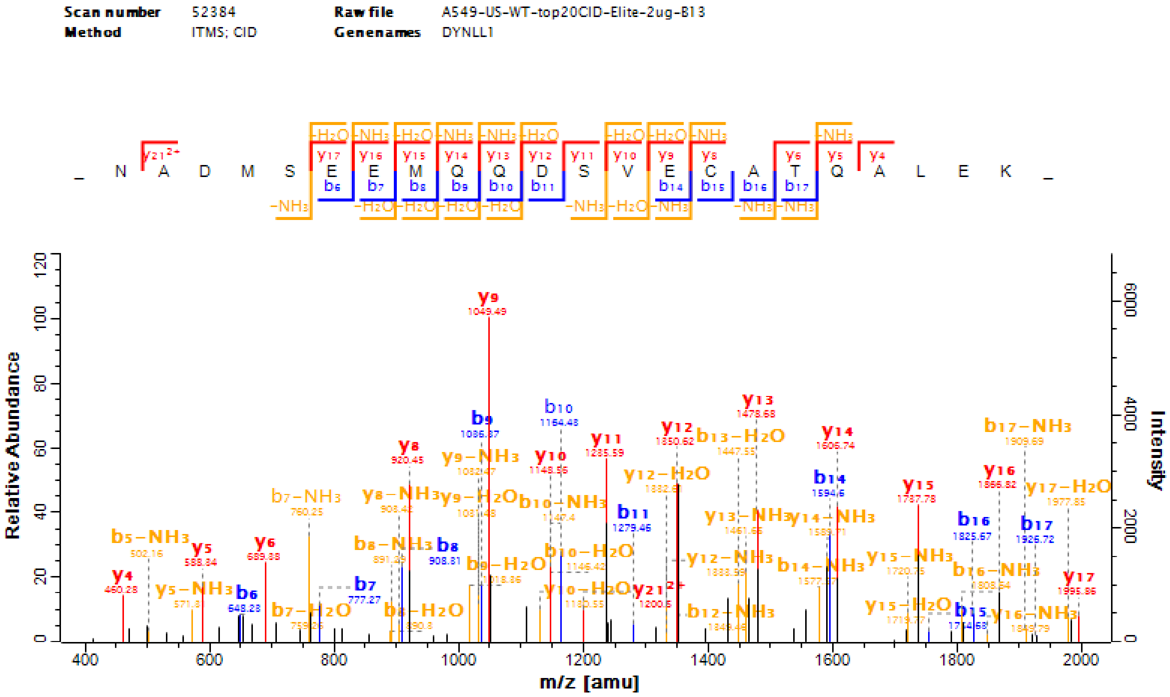


Protein Group ID: 3037
Protein Accession Numbers: P62875
Gene Names: POLR2L
Peptide Sequence: MLLAHVDLIEK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 87.298
Best Match Posterior Error Probability: 0.0017584
Best Match Spectrum:

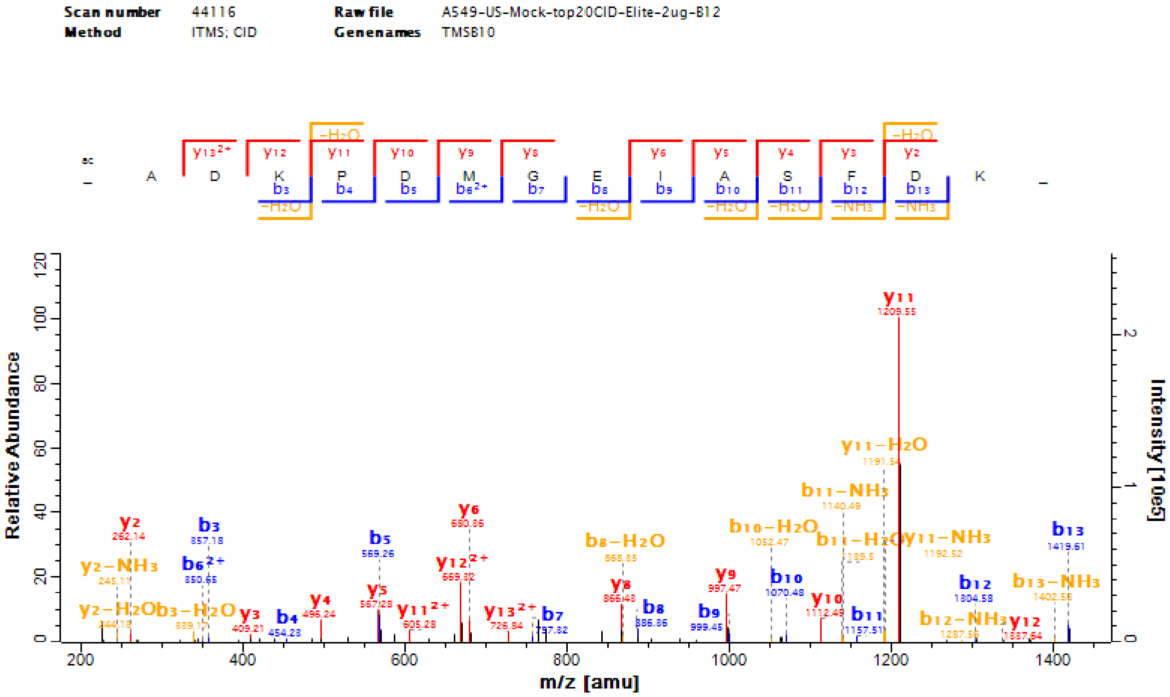
Scan number	48288	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	POLR2L



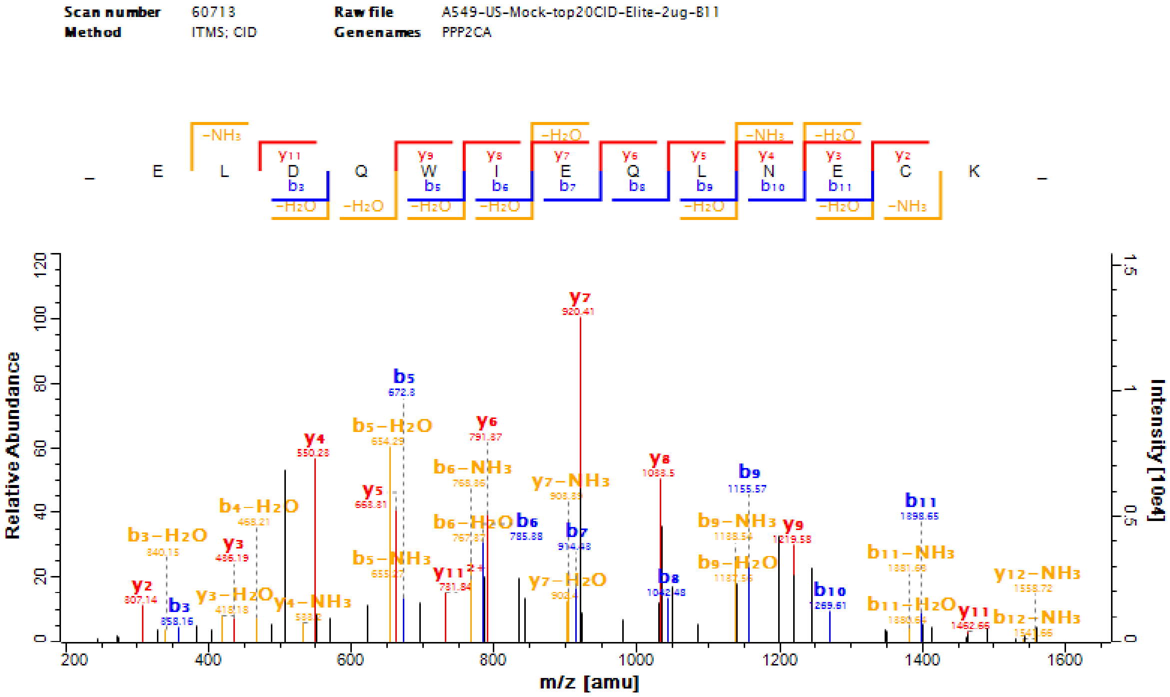
Protein Group ID: 3054
Protein Accession Numbers: P63167; F8VRV5; F8VXL2; F8VXI7
Gene Names: DYNLL1
Peptide Sequence: NADMSEEMQQDSVECATQALEK
Total Number of Spectra: 14
Number of Replicates (out of 8): 7
Best Match Score: 252.1
Best Match Posterior Error Probability: 1.22E-109
Best Match Spectrum:



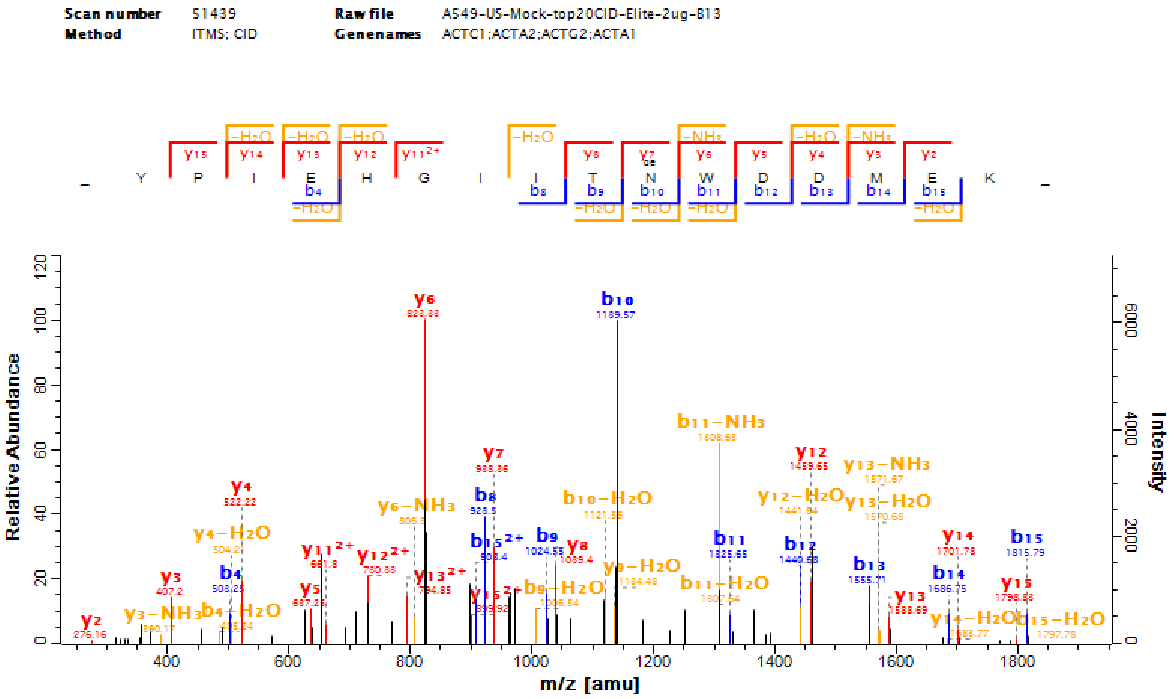
Protein Group ID: 3064
Protein Accession Numbers: P63313
Gene Names: TMSB10
Peptide Sequence: ADKPDMGEIASFDK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 199.37
Best Match Posterior Error Probability: 2.58E-24
Best Match Spectrum:



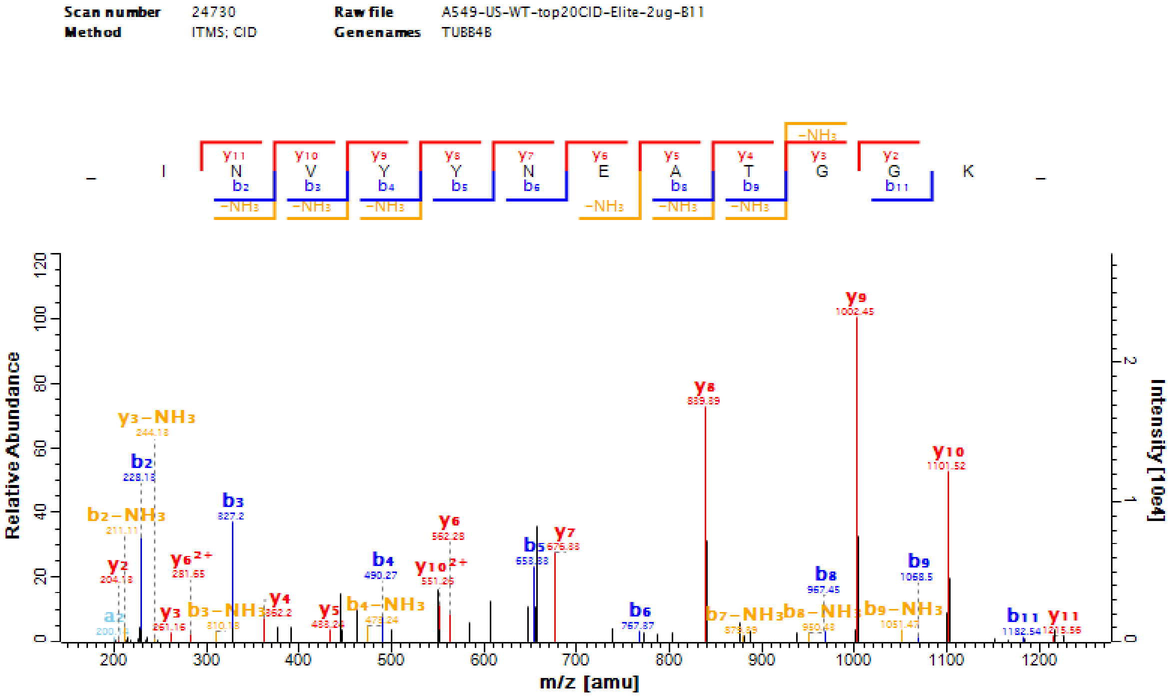
Protein Group ID: 3065
Protein Accession Numbers: P67775; P67775-2
Gene Names: PPP2CA
Peptide Sequence: ELDQWIEQLNECK
Total Number of Spectra: 8
Number of Replicates (out of 8): 6
Best Match Score: 208.68
Best Match Posterior Error Probability: 4.10E-31
Best Match Spectrum:



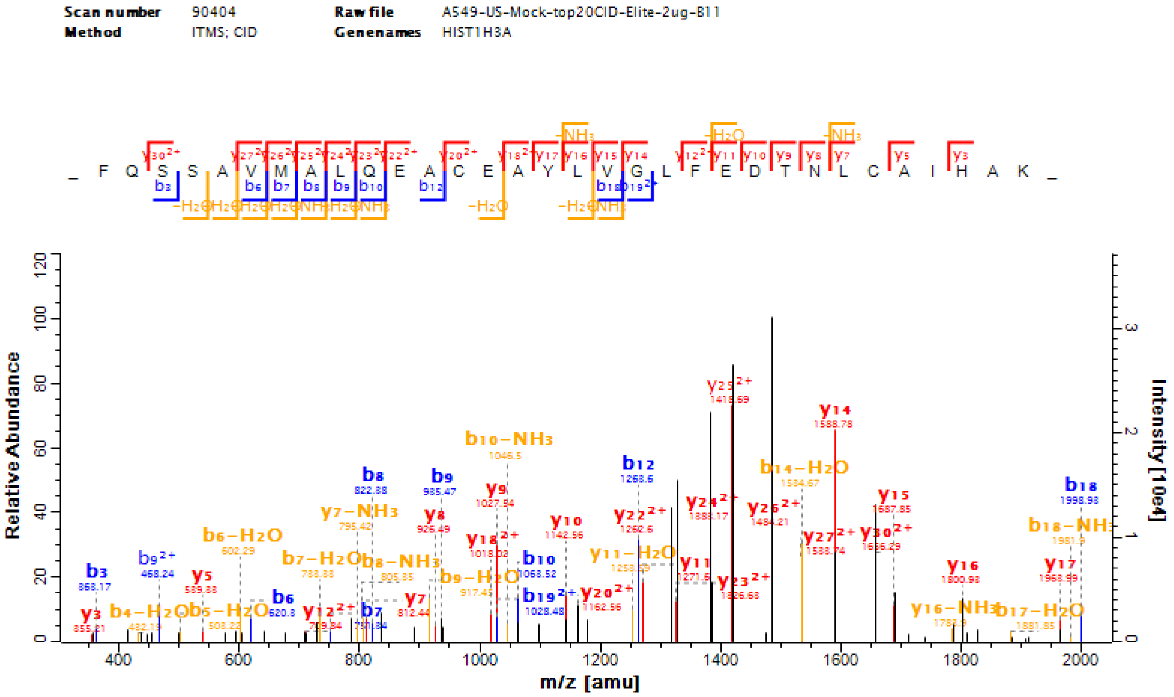
Protein Group ID: 3069
Protein Accession Numbers: P68032; P62736; P63267; P68133; A6NL76; Q5T8M8; F6QUT6; F6UVQ4; C9JFL5; B8ZZJ2; F8WB63
Gene Names: ACTC1;ACTA2;ACTG2;ACTA1
Peptide Sequence: YPIEHGIITNWDDMEK
Total Number of Spectra: 38
Number of Replicates (out of 8): 8
Best Match Score: 228.9
Best Match Posterior Error Probability: 1.04E-62
Best Match Spectrum:



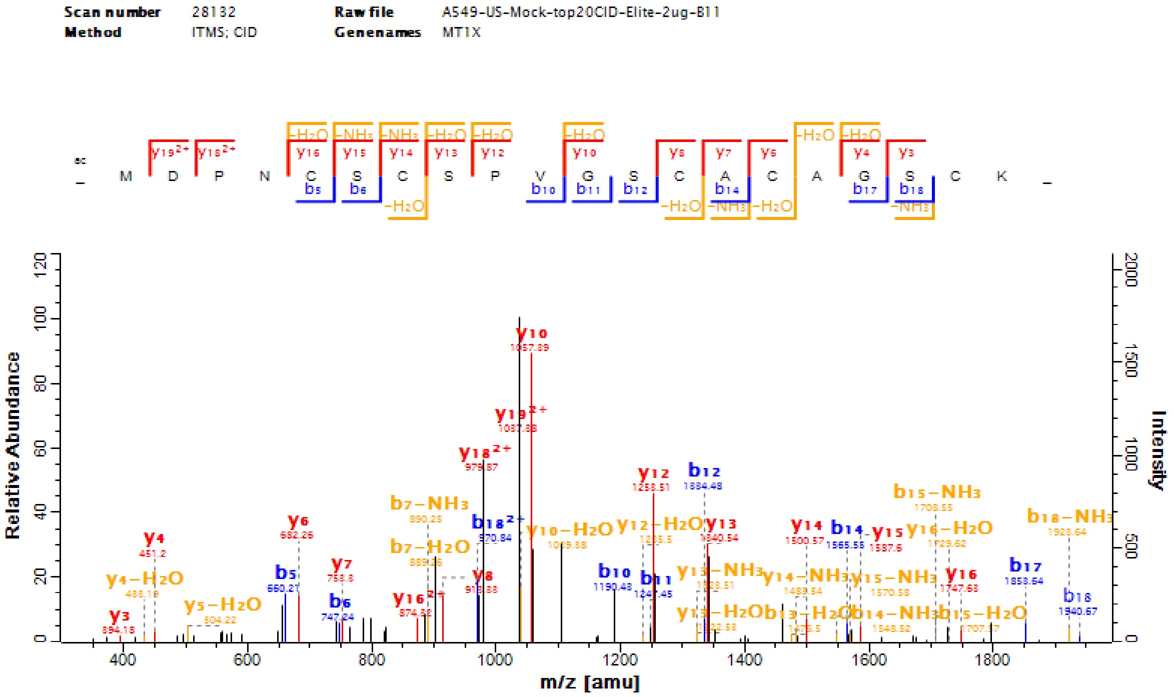
Protein Group ID: 3073
Protein Accession Numbers: P68371
Gene Names: TUBB4B
Peptide Sequence: INVYYNEATGGK
Total Number of Spectra: 10
Number of Replicates (out of 8): 5
Best Match Score: 148.62
Best Match Posterior Error Probability: 4.77E-06
Best Match Spectrum:



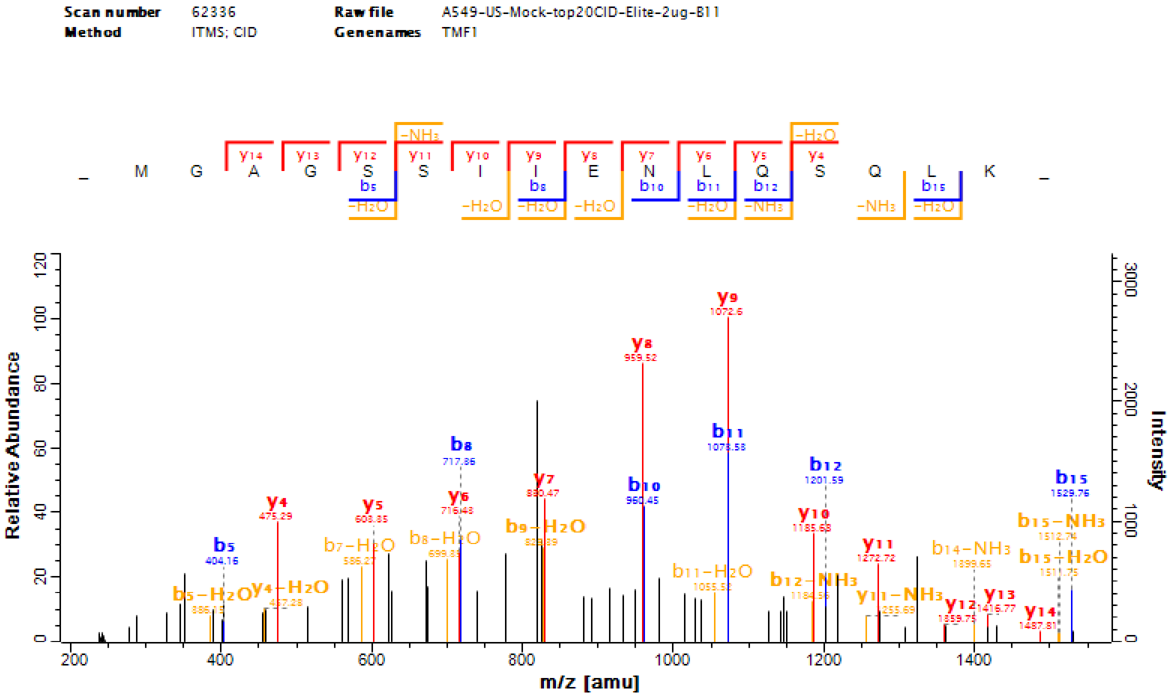
Protein Group ID: 3075
Protein Accession Numbers: P68431
Gene Names: HIST1H3A
Peptide Sequence: FQSSAVMALQEACEAYLVGLFEDTNLCAIHAK
Total Number of Spectra: 14
Number of Replicates (out of 8): 8
Best Match Score: 149.97
Best Match Posterior Error Probability: 4.77E-43
Best Match Spectrum:



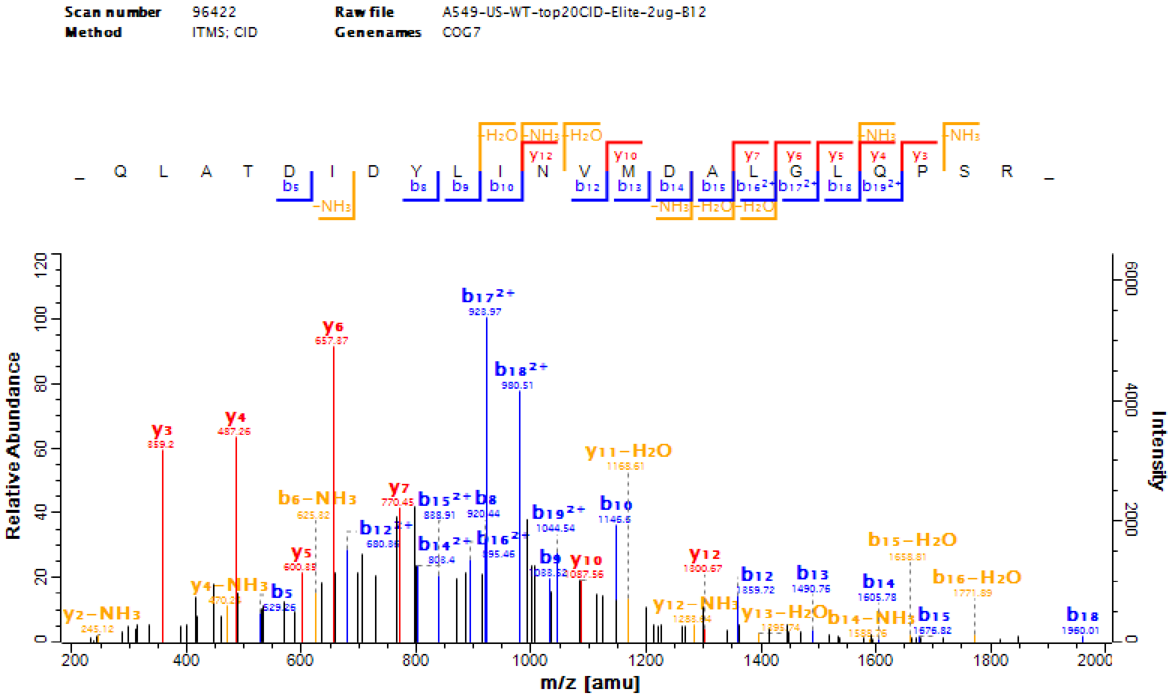
Protein Group ID: 3091
Protein Accession Numbers: P80297; H3BT50
Gene Names: MT1X
Peptide Sequence: MDPNCSCSPVGSCACAGSCK
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 150.23
Best Match Posterior Error Probability: 2.66E-08
Best Match Spectrum:



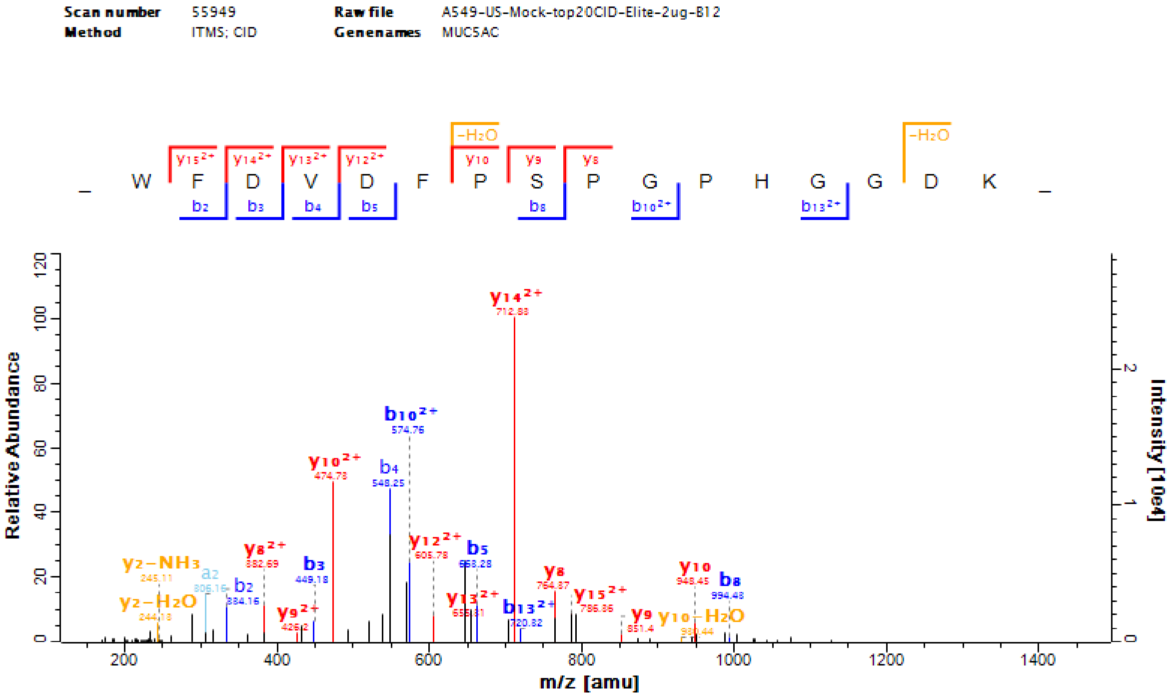
Protein Group ID: 3095
Protein Accession Numbers: P82094-2; P82094
Gene Names: TMF1
Peptide Sequence: MGAGSSIIENLQSQLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 135.23
Best Match Posterior Error Probability: 6.33E-08
Best Match Spectrum:



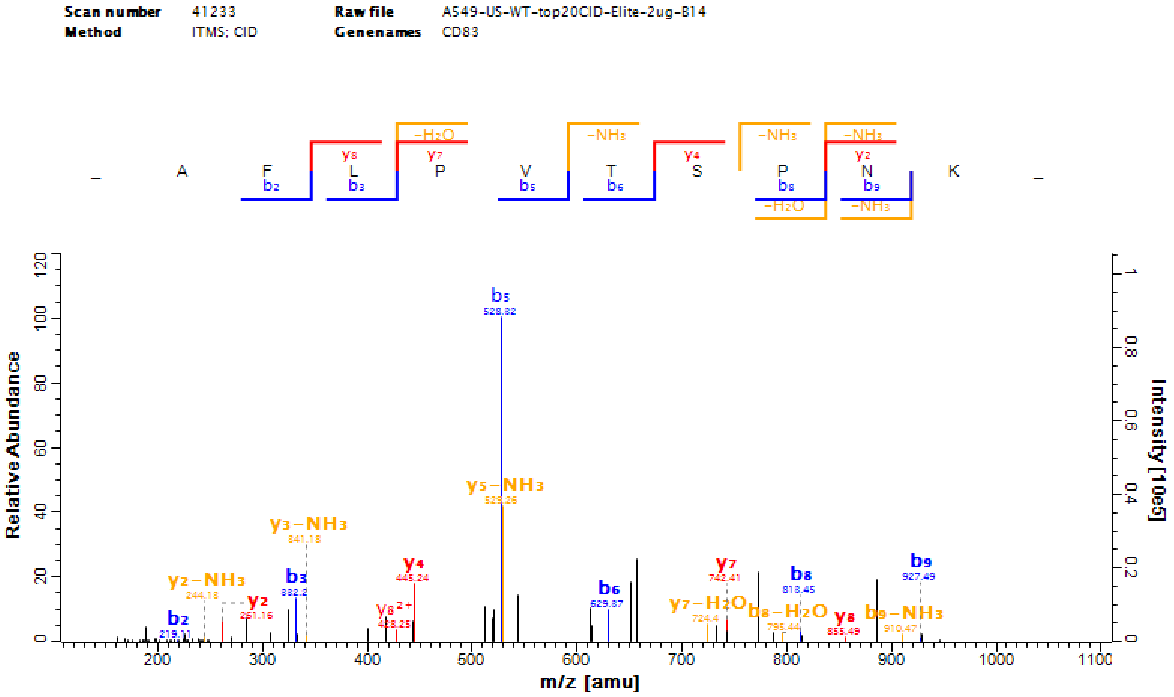
Protein Group ID: 3109
Protein Accession Numbers: P83436
Gene Names: COG7
Peptide Sequence: QLATDIDYLINVMDALGLQPSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 113.26
Best Match Posterior Error Probability: 3.19E-07
Best Match Spectrum:



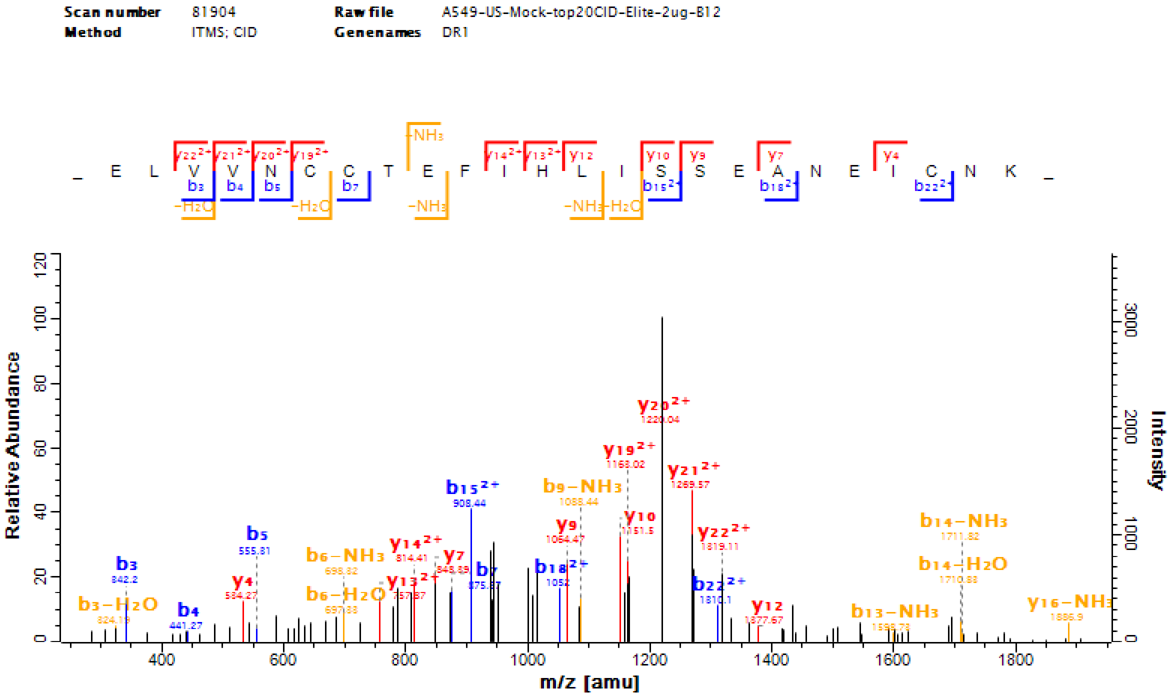
Protein Group ID: 3120
Protein Accession Numbers: P98088
Gene Names: MUC5AC
Peptide Sequence: WFDVDFPSPGPHGGDK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 102.73
Best Match Posterior Error Probability: 0.00014957
Best Match Spectrum:



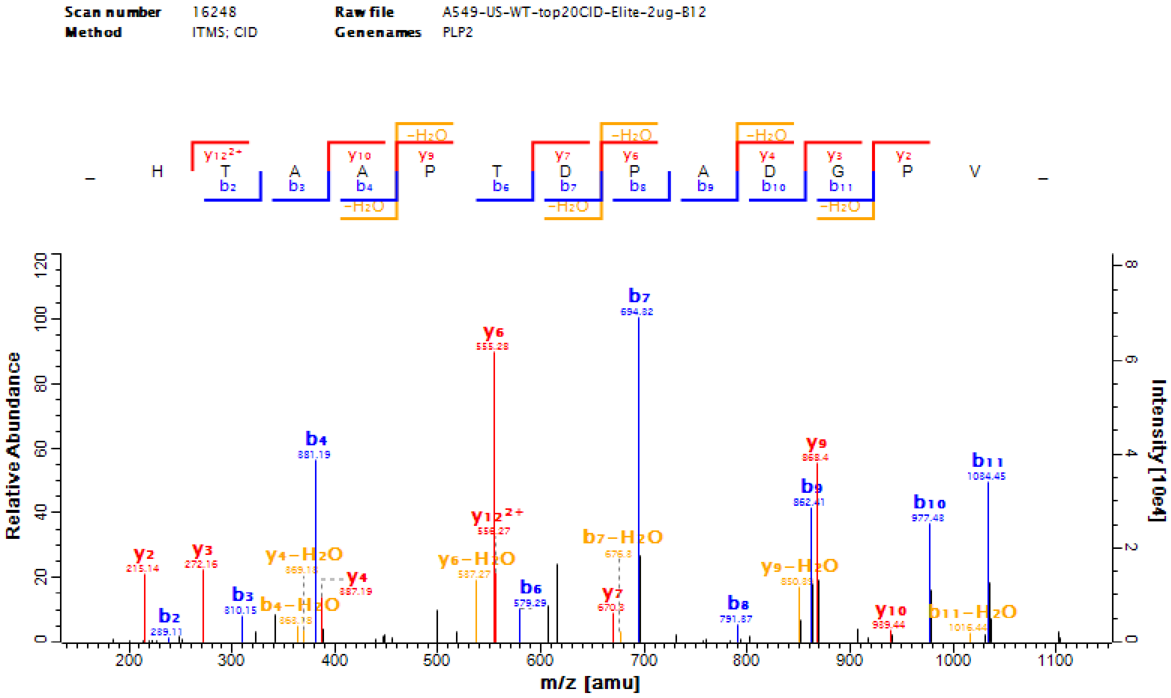
Protein Group ID: 3147
Protein Accession Numbers: Q01151
Gene Names: CD83
Peptide Sequence: AFLPVTSPNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.047
Best Match Posterior Error Probability: 0.0021013
Best Match Spectrum:



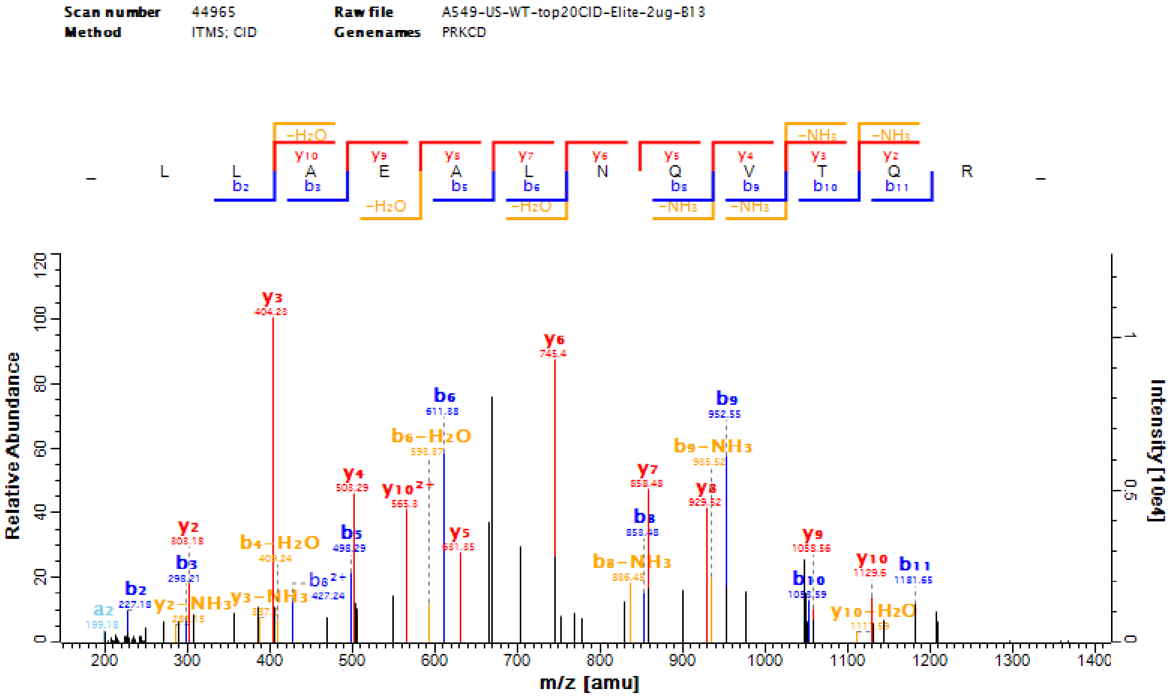
Protein Group ID: 3153
Protein Accession Numbers: Q01658
Gene Names: DR1
Peptide Sequence: ELVVNCCTEFIHLISSEANEICNK
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 66.644
Best Match Posterior Error Probability: 0.0007223
Best Match Spectrum:



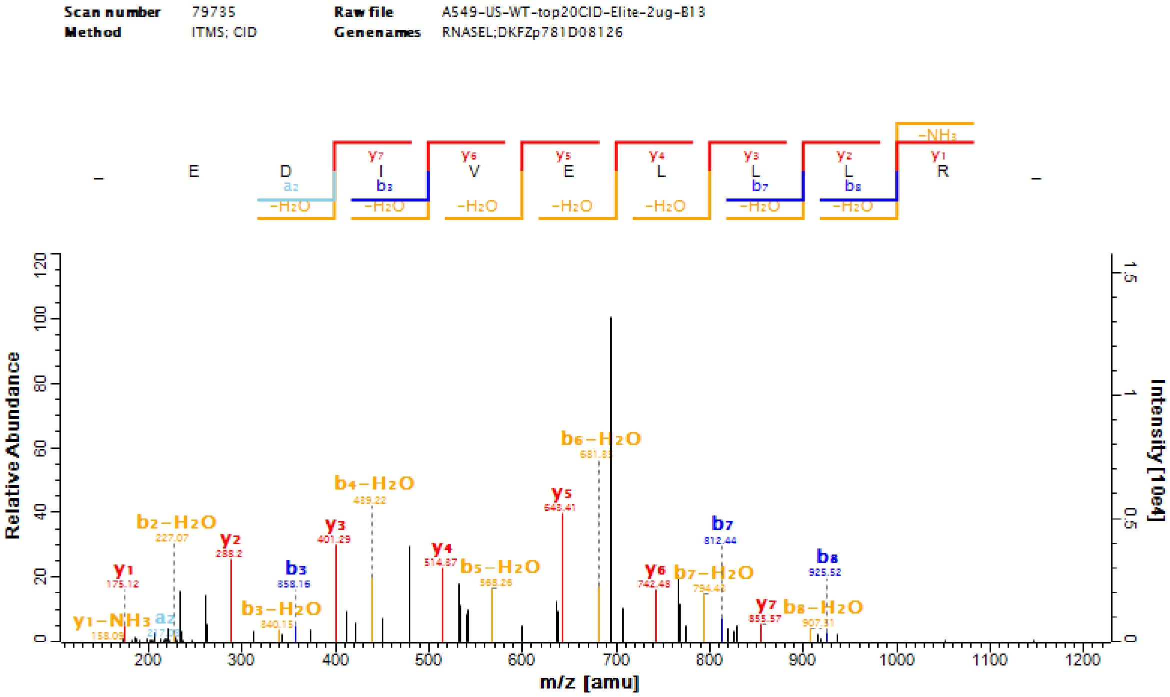
Protein Group ID: 3176
Protein Accession Numbers: Q04941
Gene Names: PLP2
Peptide Sequence: HTAAPTDPADGPV
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 143
Best Match Posterior Error Probability: 1.79E-13
Best Match Spectrum:



Protein Group ID: 3183
Protein Accession Numbers: Q05655-2; Q05655
Gene Names: PRKCD
Peptide Sequence: LLAEALNQVTQR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 164.48
Best Match Posterior Error Probability: 3.90E-08
Best Match Spectrum:

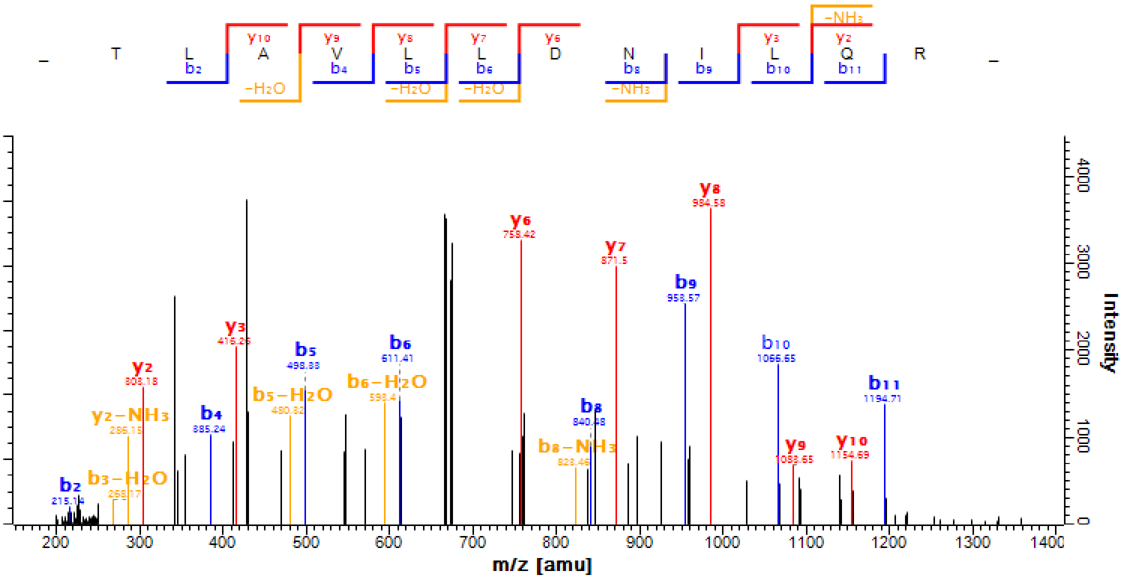


Protein Group ID: 3186
Protein Accession Numbers: Q05823; Q6AI46
Gene Names: RNASEL;DKFZp781D08126
Peptide Sequence: EDIVELLLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 93.649
Best Match Posterior Error Probability: 0.0028963
Best Match Spectrum:

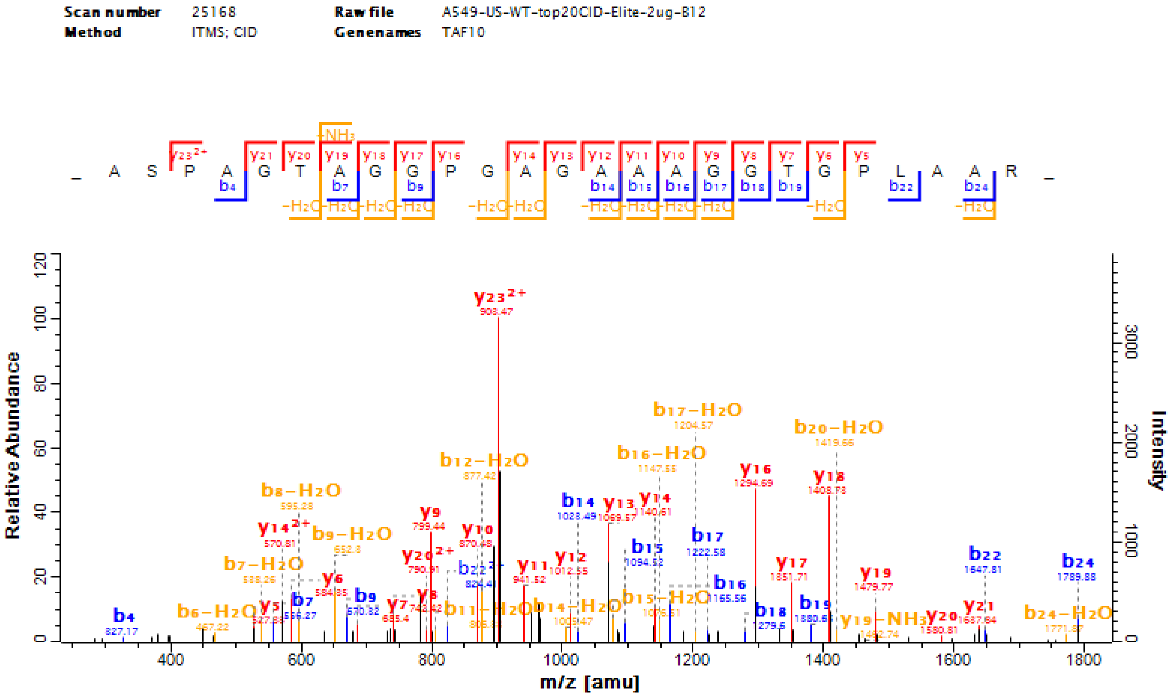


Protein Group ID: 3226
Protein Accession Numbers: Q09328
Gene Names: MGAT5
Peptide Sequence: TLAVLLDNILQR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 122.45
Best Match Posterior Error Probability: 0.00010384
Best Match Spectrum:

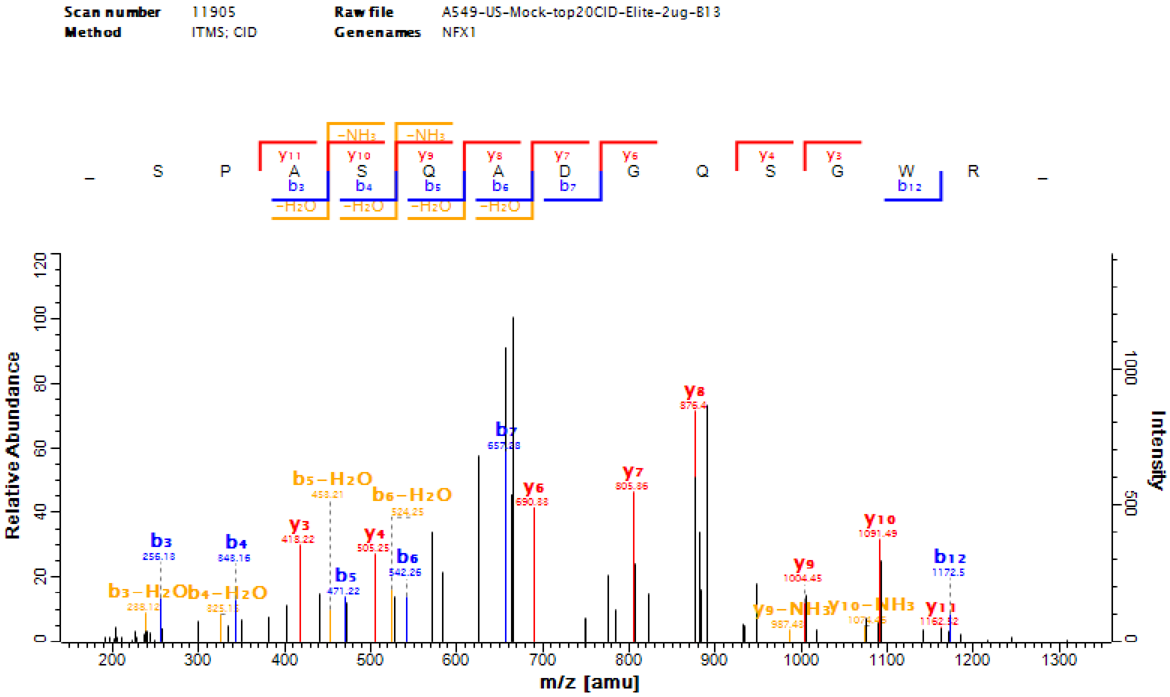
Scan number 84148 **Raw file** A549-US-WT-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** MGAT5



Protein Group ID: 3257
Protein Accession Numbers: Q12962
Gene Names: TAF10
Peptide Sequence: ASPAGTAGGPGAGAAAGGTGPLAAR
Total Number of Spectra: 10
Number of Replicates (out of 8): 8
Best Match Score: 177.91
Best Match Posterior Error Probability: 3.90E-32
Best Match Spectrum:

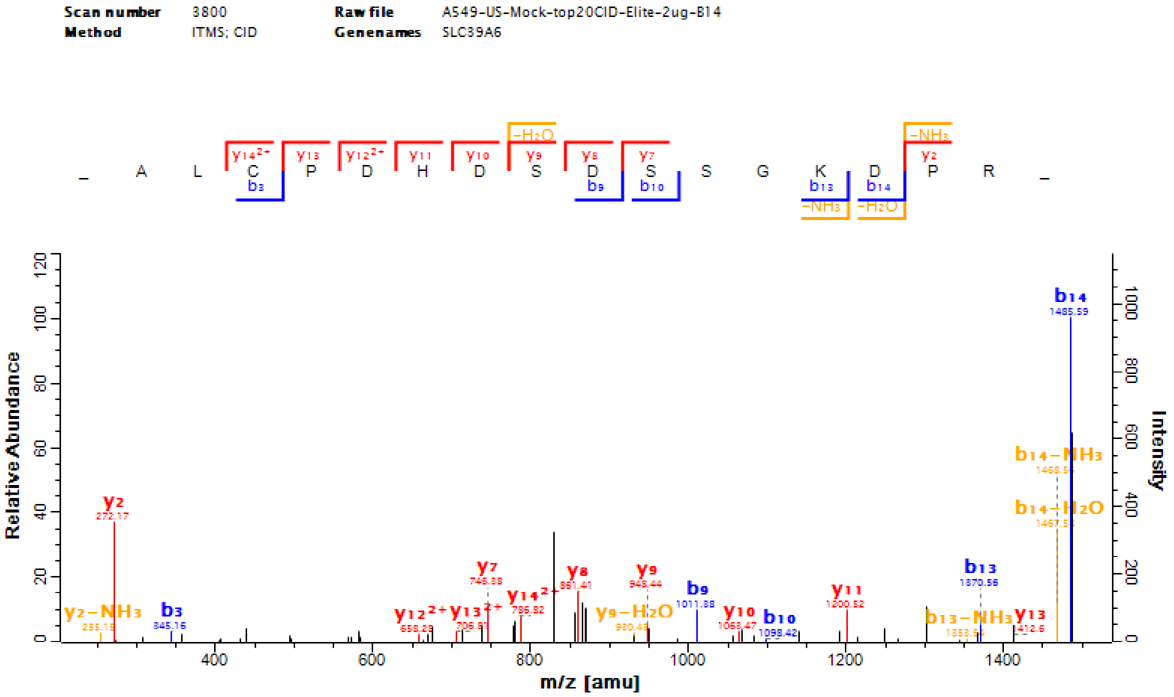


Protein Group ID: 3262
Protein Accession Numbers: Q12986; Q12986-2; Q12986-3
Gene Names: NFX1
Peptide Sequence: SPASQADGQSGWR
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 94.023
Best Match Posterior Error Probability: 0.0010062
Best Match Spectrum:

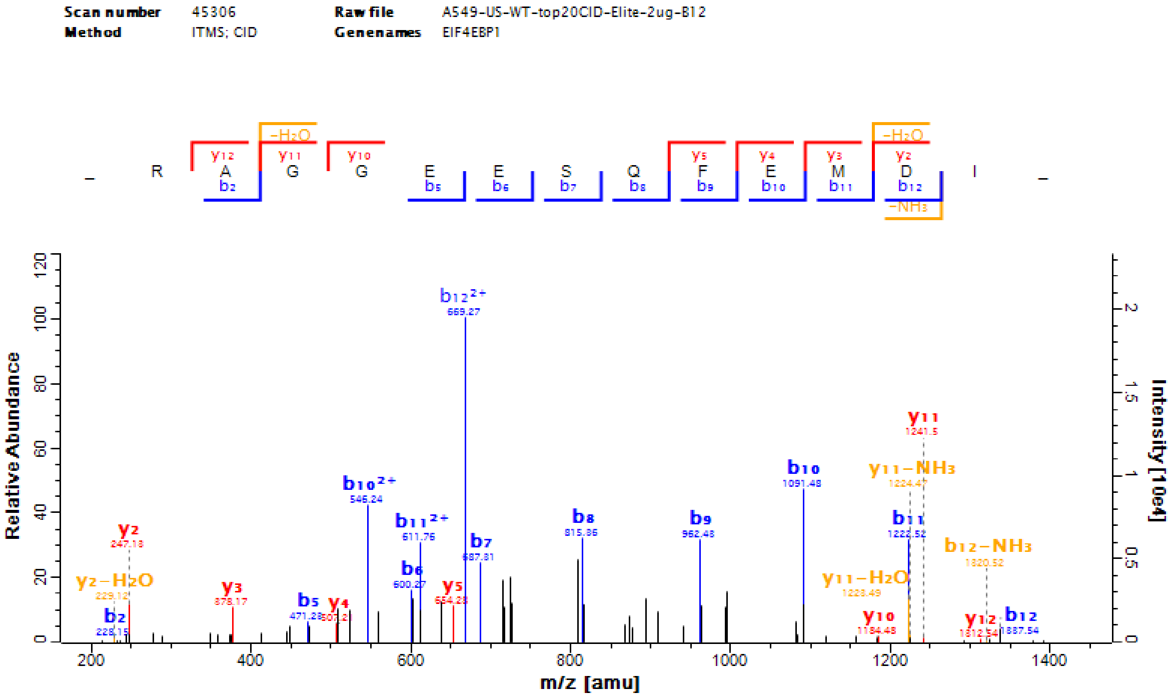


Scan number 11905
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B13
Genenames NFX1

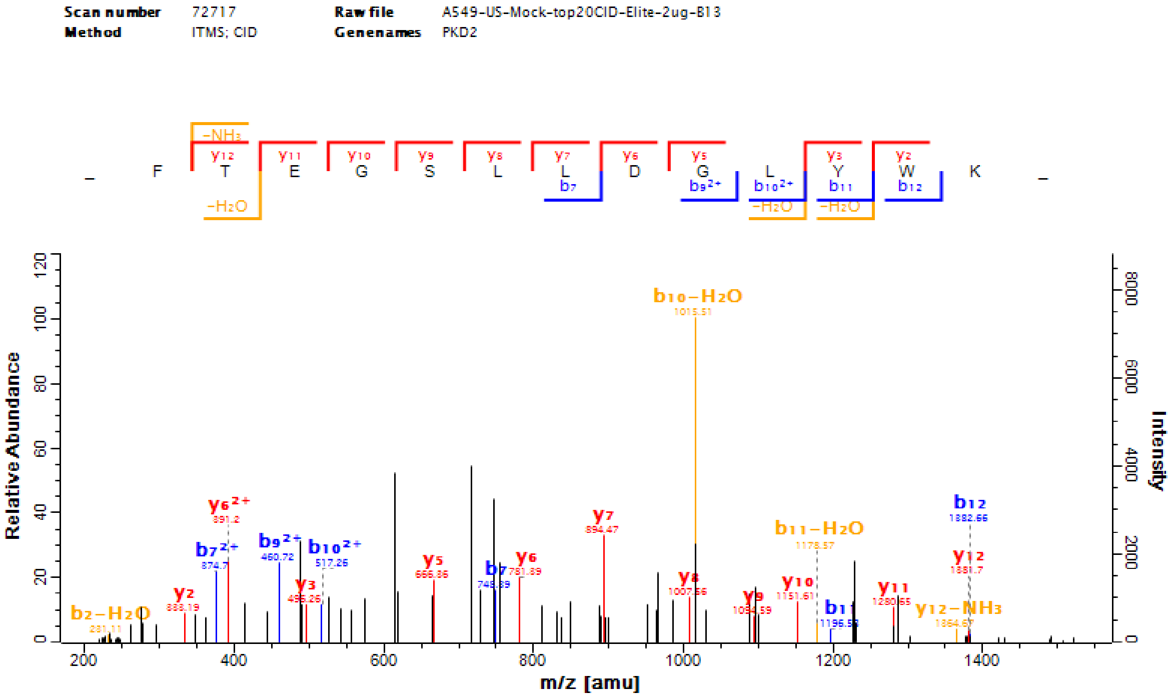
Protein Group ID: 3309
Protein Accession Numbers: Q13433
Gene Names: SLC39A6
Peptide Sequence: ALCPDHDSDSSGKDPR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 97.797
Best Match Posterior Error Probability: 0.00099632
Best Match Spectrum:



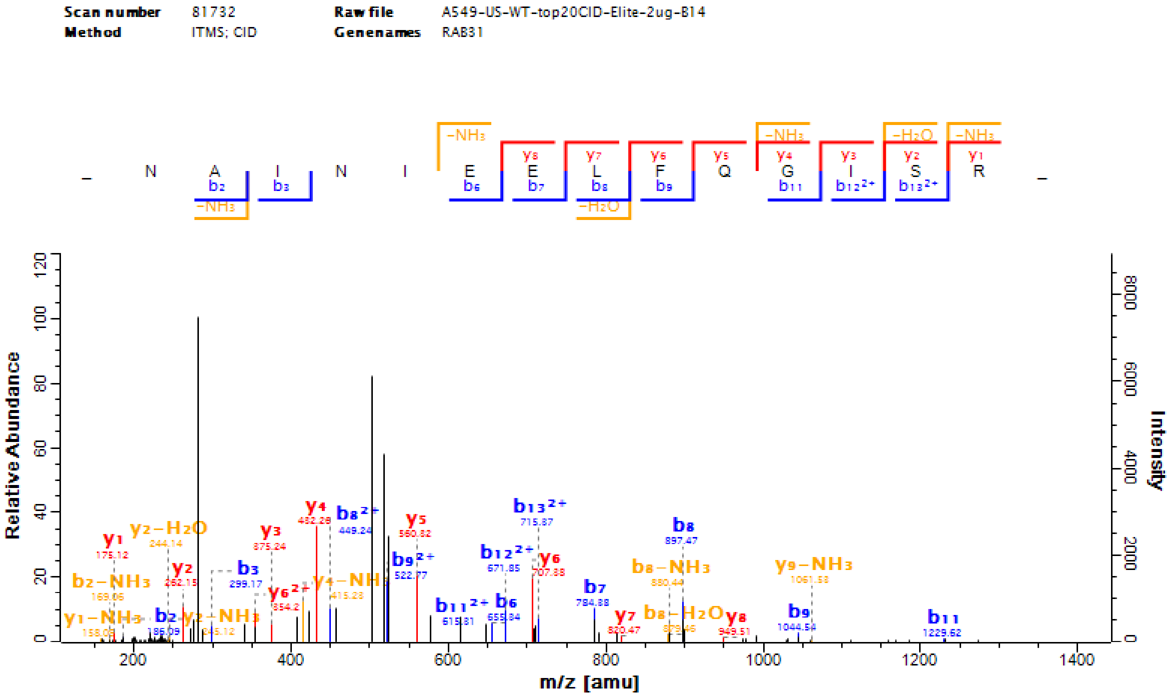
Protein Group ID: 3323
Protein Accession Numbers: Q13541
Gene Names: EIF4EBP1
Peptide Sequence: RAGGEESQFEMDI
Total Number of Spectra: 7
Number of Replicates (out of 8): 6
Best Match Score: 118.24
Best Match Posterior Error Probability: 0.00040834
Best Match Spectrum:



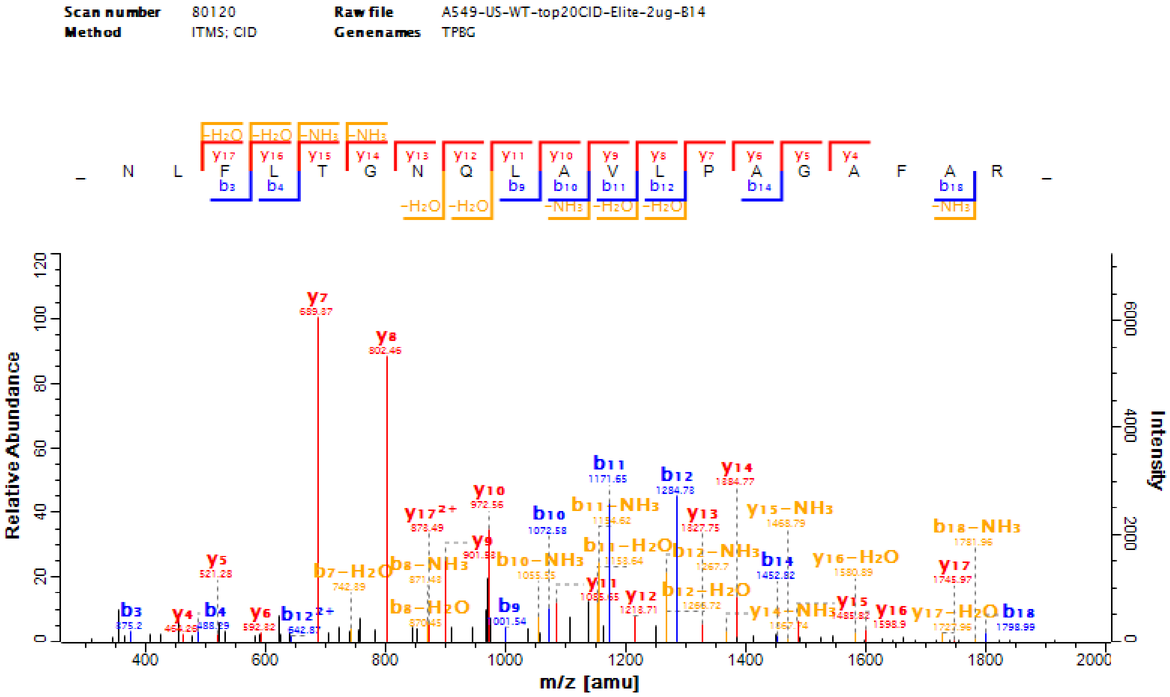
Protein Group ID: 3327
Protein Accession Numbers: Q13563; Q13563-3; Q13563-5; Q13563-4; Q13563-2
Gene Names: PKD2
Peptide Sequence: FTEGSLLDGLYWK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 92.295
Best Match Posterior Error Probability: 0.0011754
Best Match Spectrum:



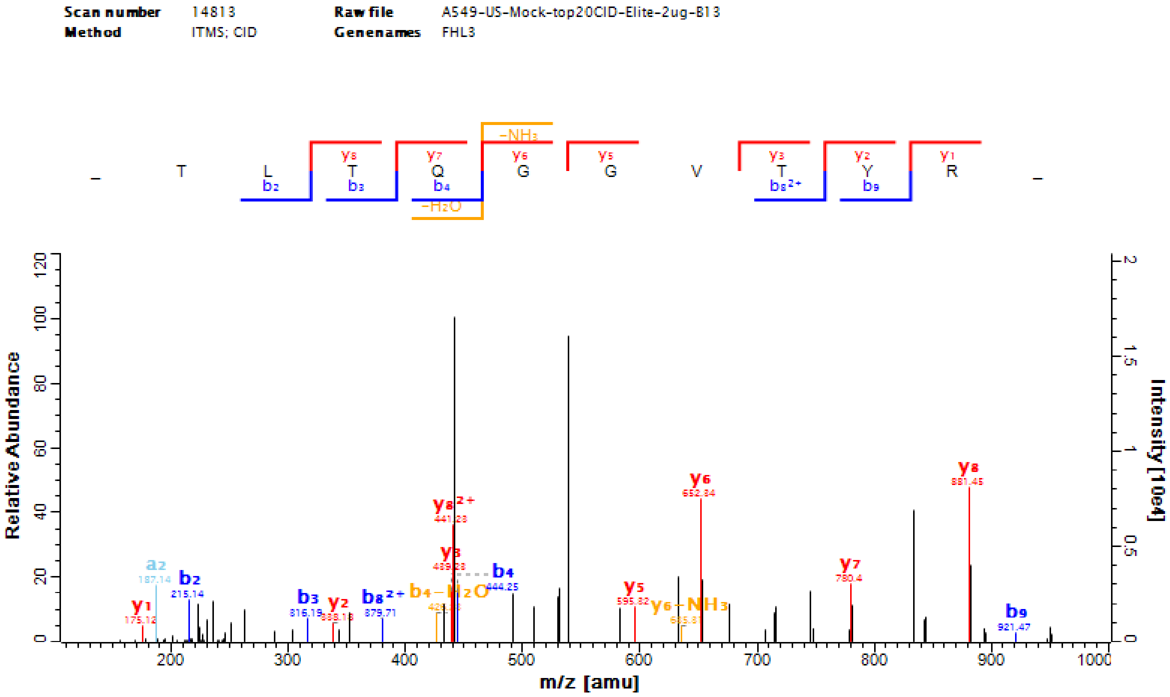
Protein Group ID: 3340
Protein Accession Numbers: Q13636
Gene Names: RAB31
Peptide Sequence: NAINIEELFQGISR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 121.18
Best Match Posterior Error Probability: 4.23E-05
Best Match Spectrum:



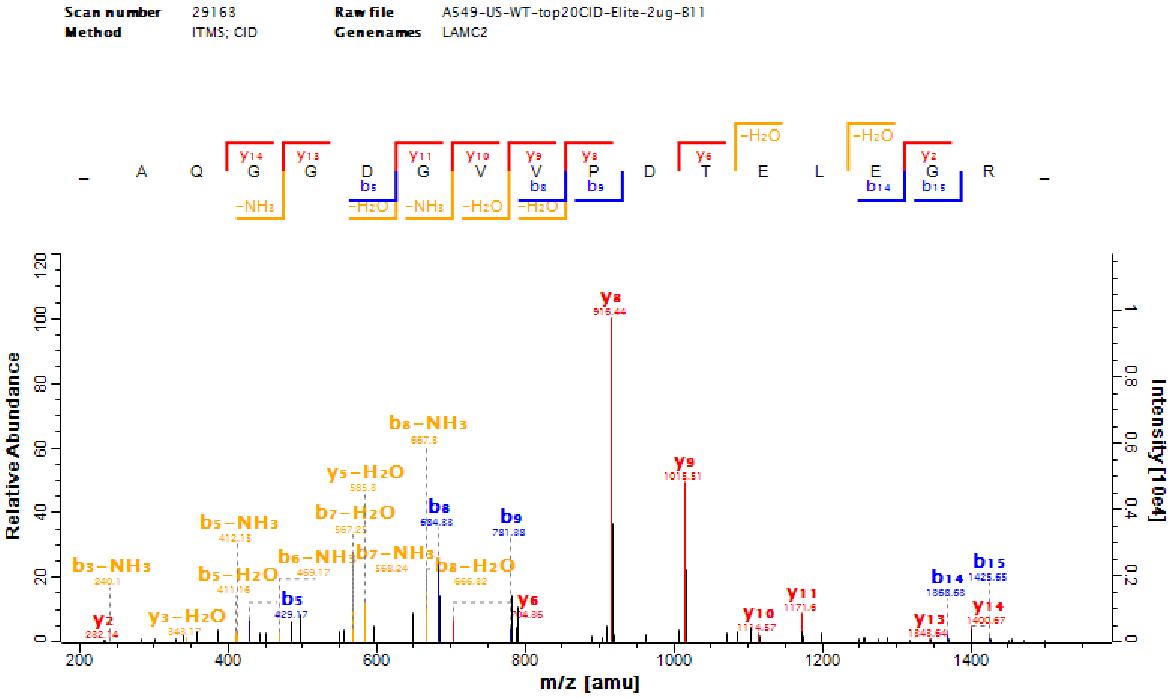
Protein Group ID: 3342
Protein Accession Numbers: Q13641
Gene Names: TPBG
Peptide Sequence: NLFLTGNQLAVLPAGAFAR
Total Number of Spectra: 12
Number of Replicates (out of 8): 6
Best Match Score: 193.8
Best Match Posterior Error Probability: 7.95E-32
Best Match Spectrum:



Protein Group ID: 3343
Protein Accession Numbers: Q13643
Gene Names: FHL3
Peptide Sequence: TLTQGGVTYR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 86.344
Best Match Posterior Error Probability: 0.0026689
Best Match Spectrum:

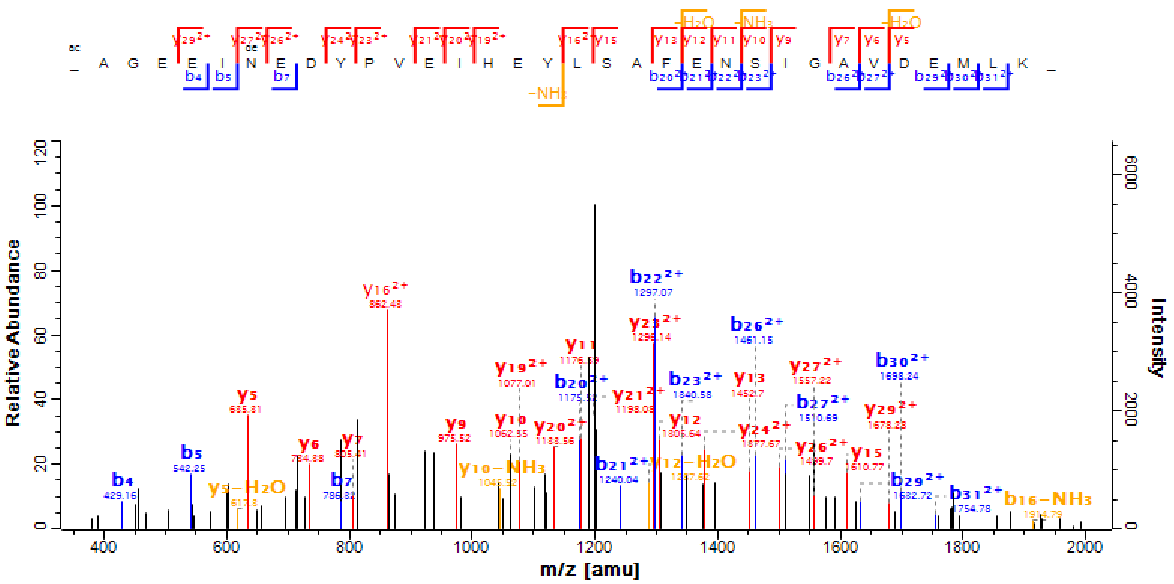


Protein Group ID: 3345
Protein Accession Numbers: Q13753; Q13753-2
Gene Names: LAMC2
Peptide Sequence: AQGGDGVVPDTELEGR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.358
Best Match Posterior Error Probability: 0.00060339
Best Match Spectrum:

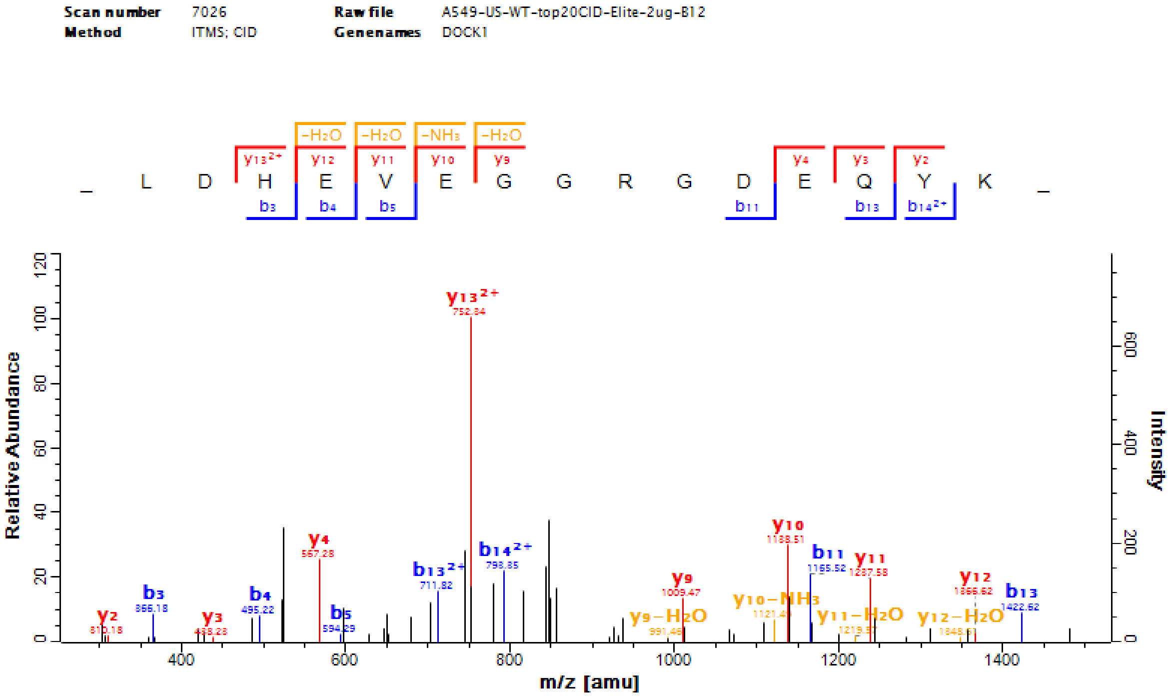


Protein Group ID: 3354
Protein Accession Numbers: Q13901
Gene Names: C1D
Peptide Sequence: AGEEINEDYPVEIHEYLSAFENSIGAVDEMLK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 117.96
Best Match Posterior Error Probability: 3.49E-16
Best Match Spectrum:

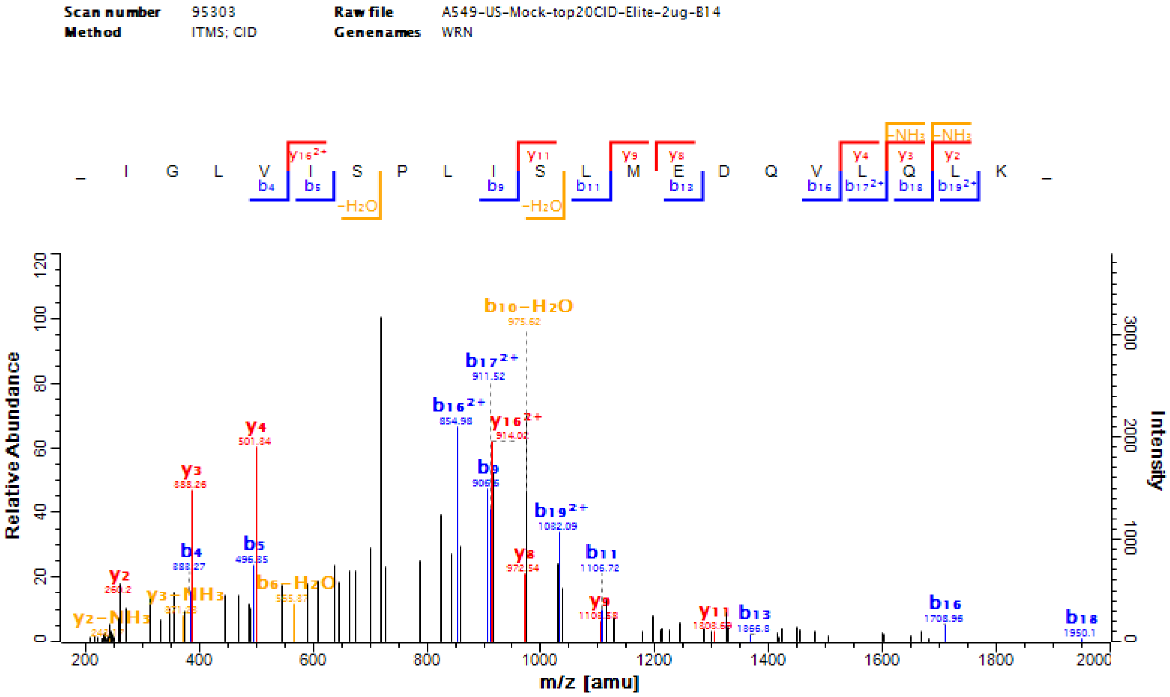
Scan number	95536	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	C1D



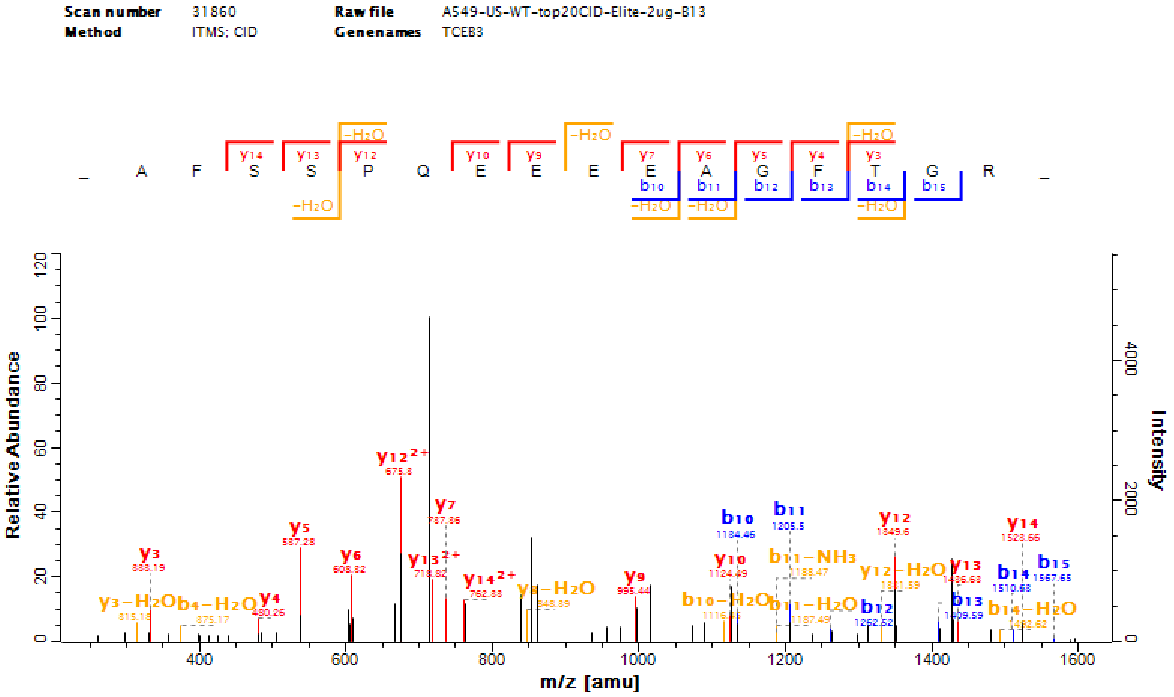
Protein Group ID: 3378
Protein Accession Numbers: Q14185
Gene Names: DOCK1
Peptide Sequence: LDHEVEGGRGDEQYK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 102.52
Best Match Posterior Error Probability: 0.00084423
Best Match Spectrum:



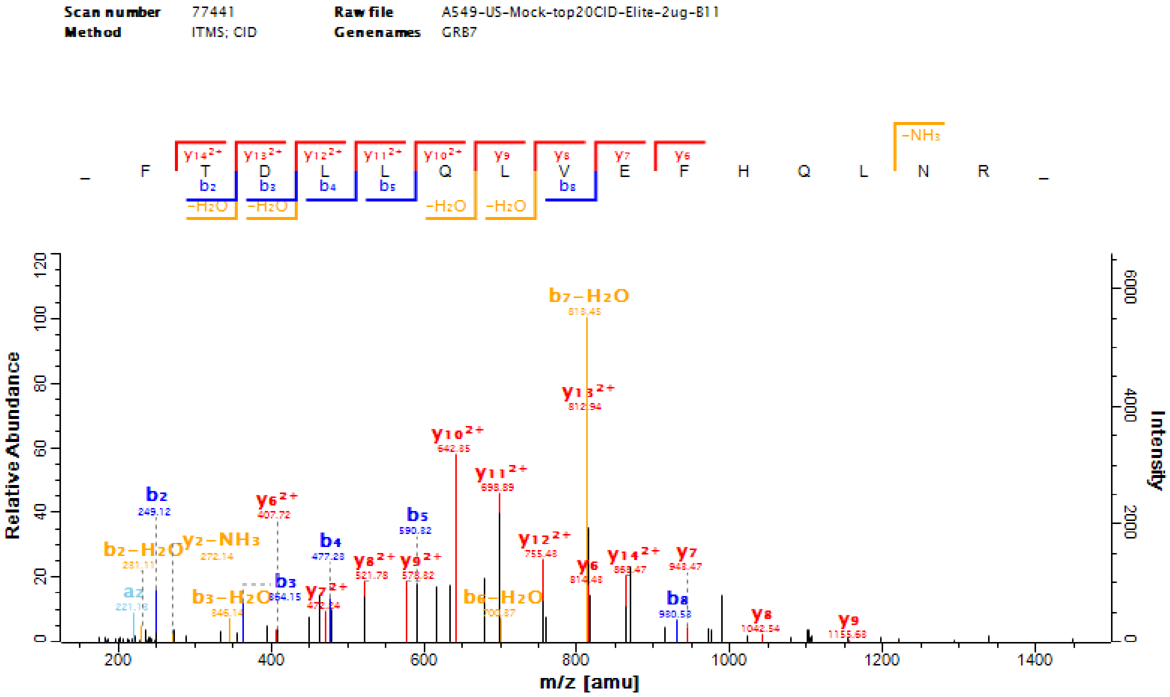
Protein Group ID: 3379
Protein Accession Numbers: Q14191
Gene Names: WRN
Peptide Sequence: IGLVISPLISLMEDQVLQLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 69.935
Best Match Posterior Error Probability: 0.0019496
Best Match Spectrum:



Protein Group ID: 3382
Protein Accession Numbers: Q14241
Gene Names: TCEB3
Peptide Sequence: AFSSPQEEEEAGFTGR
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 128.64
Best Match Posterior Error Probability: 6.35E-05
Best Match Spectrum:

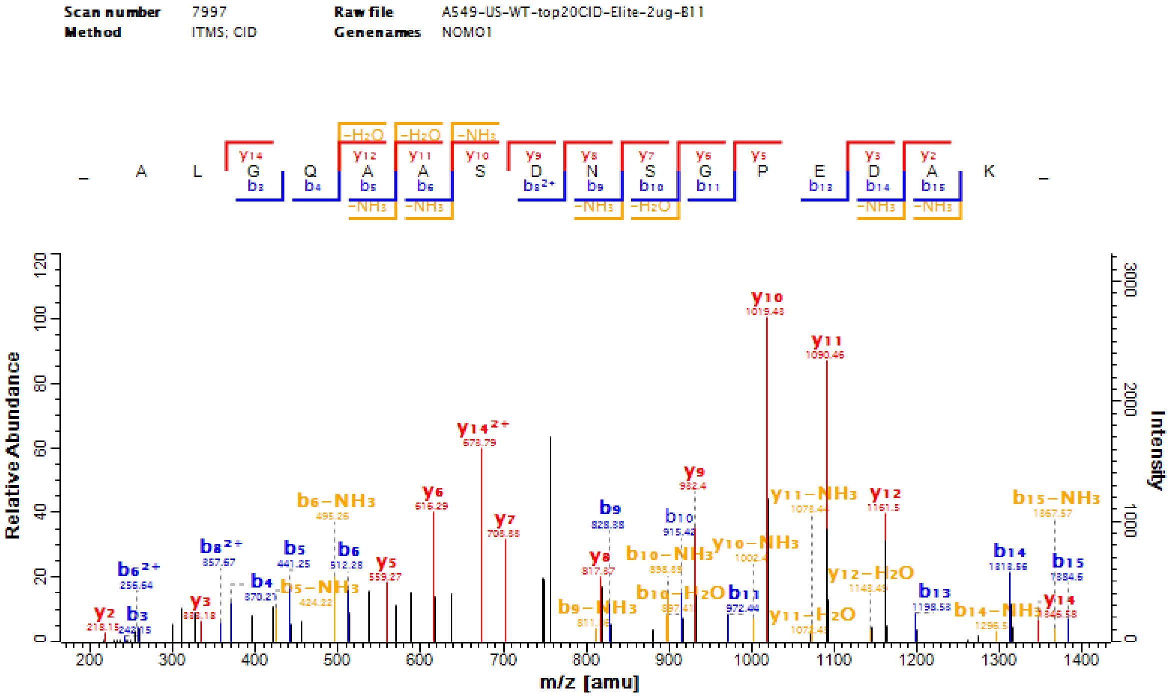


Protein Group ID: 3392
Protein Accession Numbers: Q14451-3; Q14451; Q14451-4
Gene Names: GRB7
Peptide Sequence: FTDLLQLVEFHQLNR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 124.12
Best Match Posterior Error Probability: 3.69E-05
Best Match Spectrum:

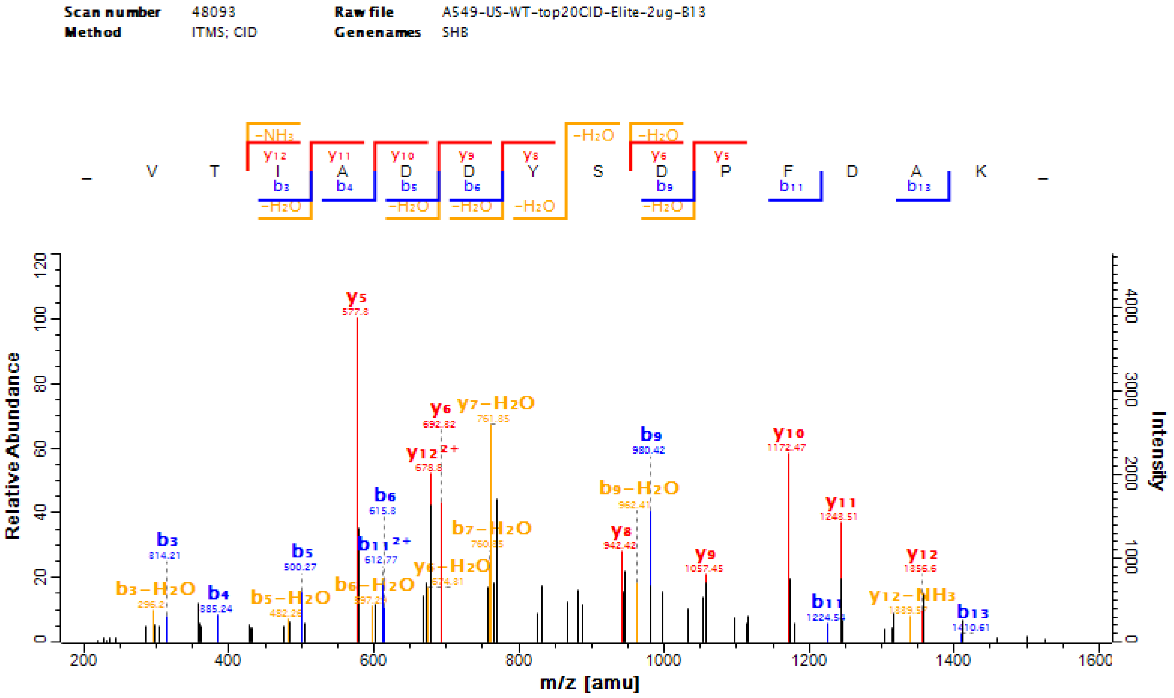


Scan number 77441 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** GRB7

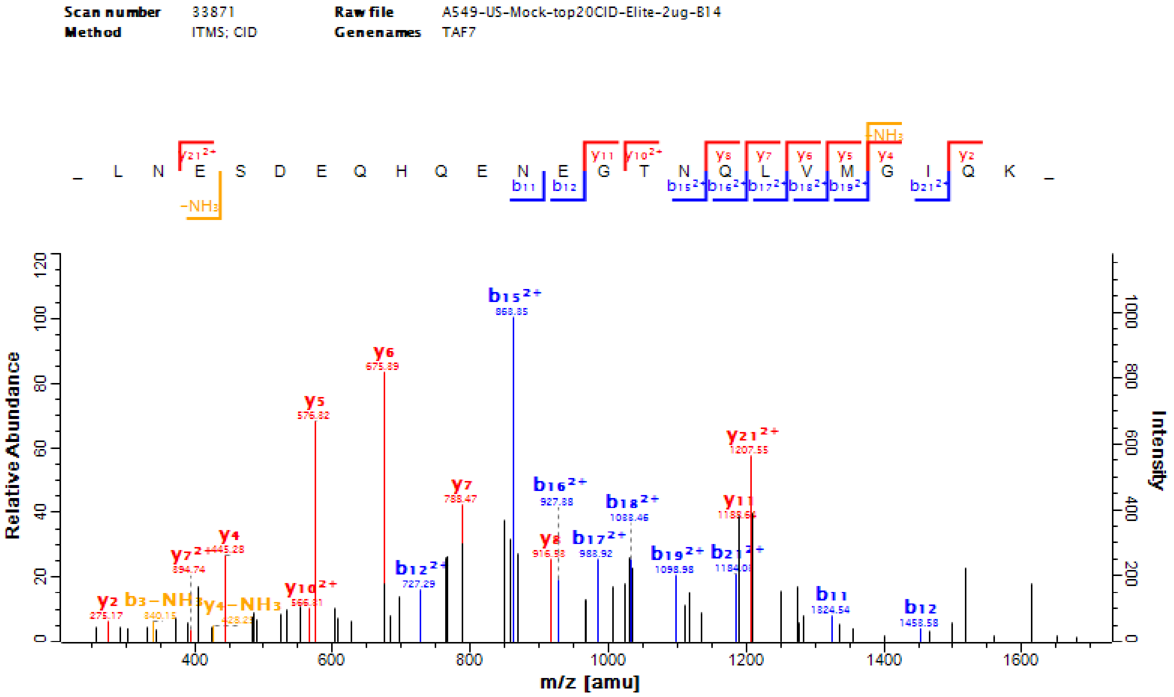
Protein Group ID: 3458
Protein Accession Numbers: Q15155; H3BUC9
Gene Names: NOMO1
Peptide Sequence: ALGQAASDNSGPEDAK
Total Number of Spectra: 9
Number of Replicates (out of 8): 8
Best Match Score: 199.15
Best Match Posterior Error Probability: 8.11E-29
Best Match Spectrum:



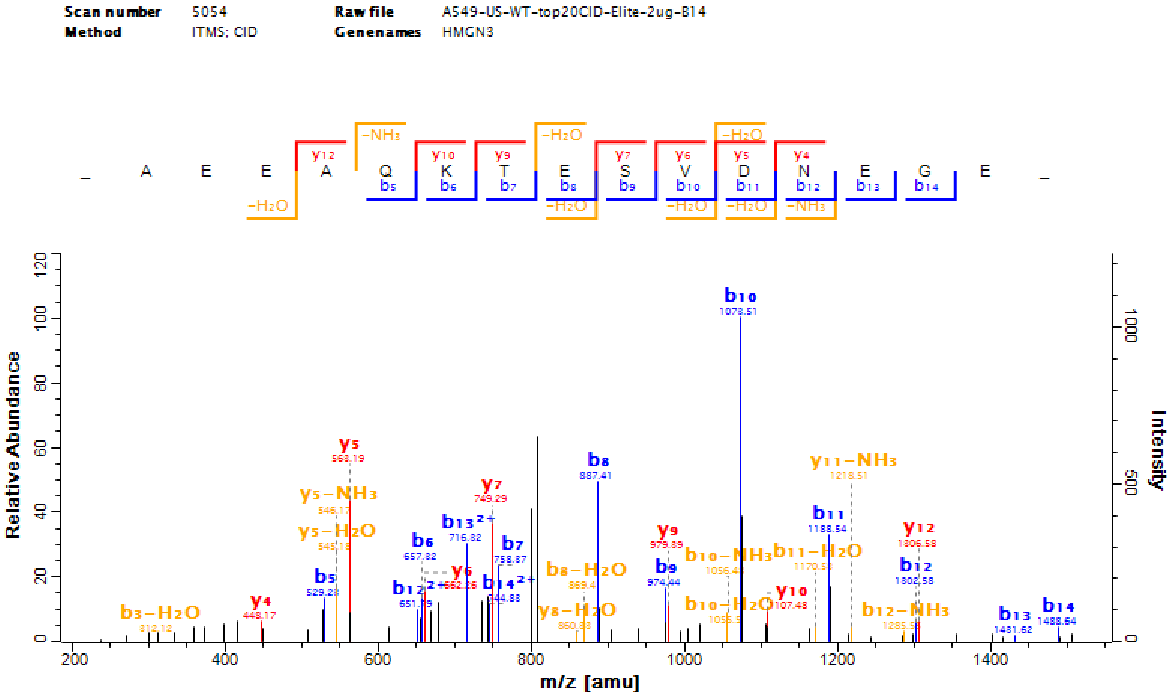
Protein Group ID: 3488
Protein Accession Numbers: Q15464; Q15464-2
Gene Names: SHB
Peptide Sequence: VTIADDYSDPFDAK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 110.51
Best Match Posterior Error Probability: 0.00016395
Best Match Spectrum:



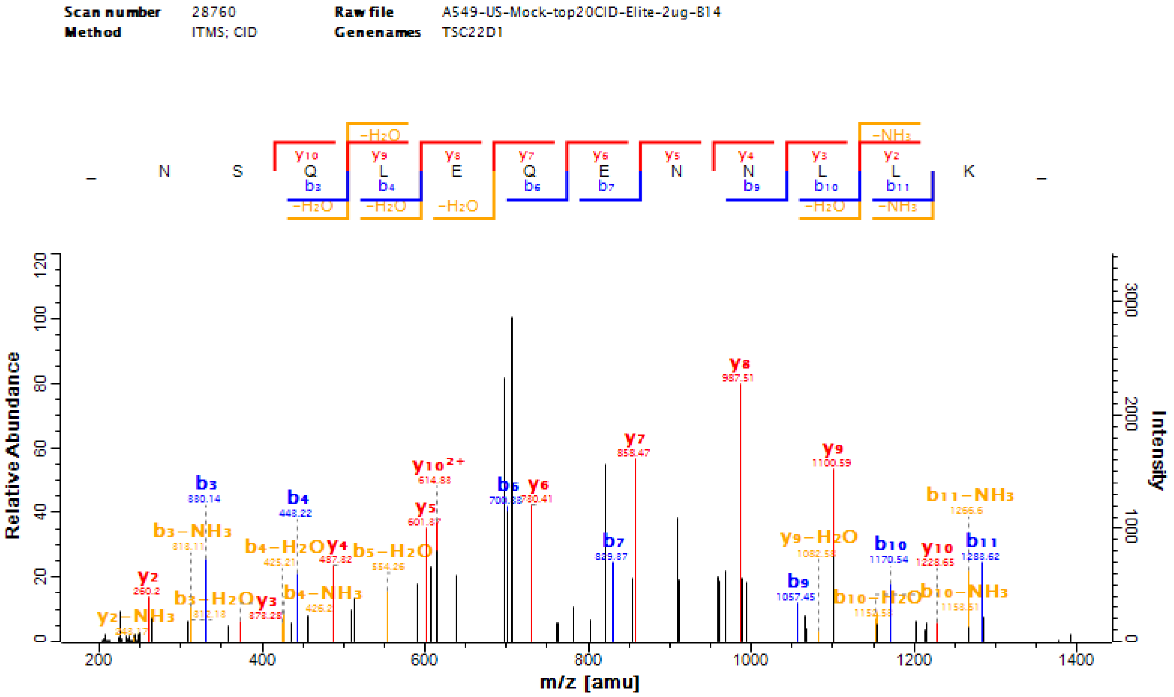
Protein Group ID: 3491
Protein Accession Numbers: Q15545
Gene Names: TAF7
Peptide Sequence: LNESDEQHQENEGTNQLVMGIQK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 77.871
Best Match Posterior Error Probability: 0.00013261
Best Match Spectrum:



Protein Group ID: 3501
Protein Accession Numbers: Q15651
Gene Names: HMGN3
Peptide Sequence: AEEAQKTESVDNEGE
Total Number of Spectra: 7
Number of Replicates (out of 8): 5
Best Match Score: 142.91
Best Match Posterior Error Probability: 3.21E-05
Best Match Spectrum:

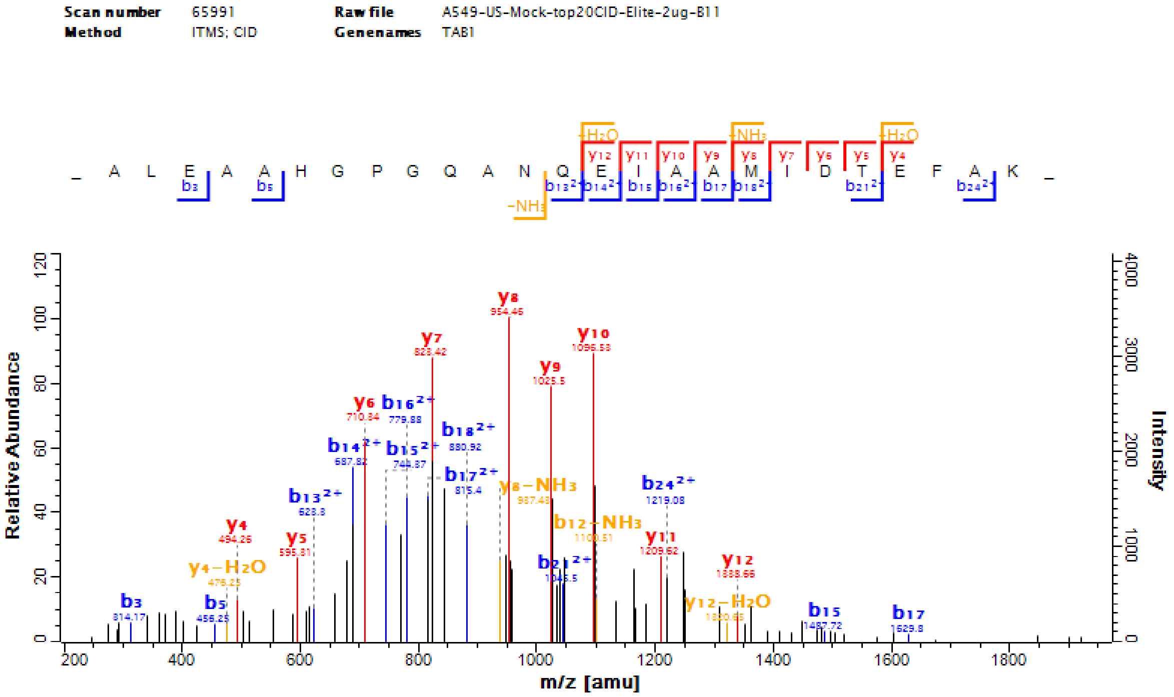


Protein Group ID: 3504
Protein Accession Numbers: Q15714; Q15714-3; Q15714-2
Gene Names: TSC22D1
Peptide Sequence: NSQLEQENNLLK
Total Number of Spectra: 8
Number of Replicates (out of 8): 6
Best Match Score: 160.38
Best Match Posterior Error Probability: 7.73E-08
Best Match Spectrum:

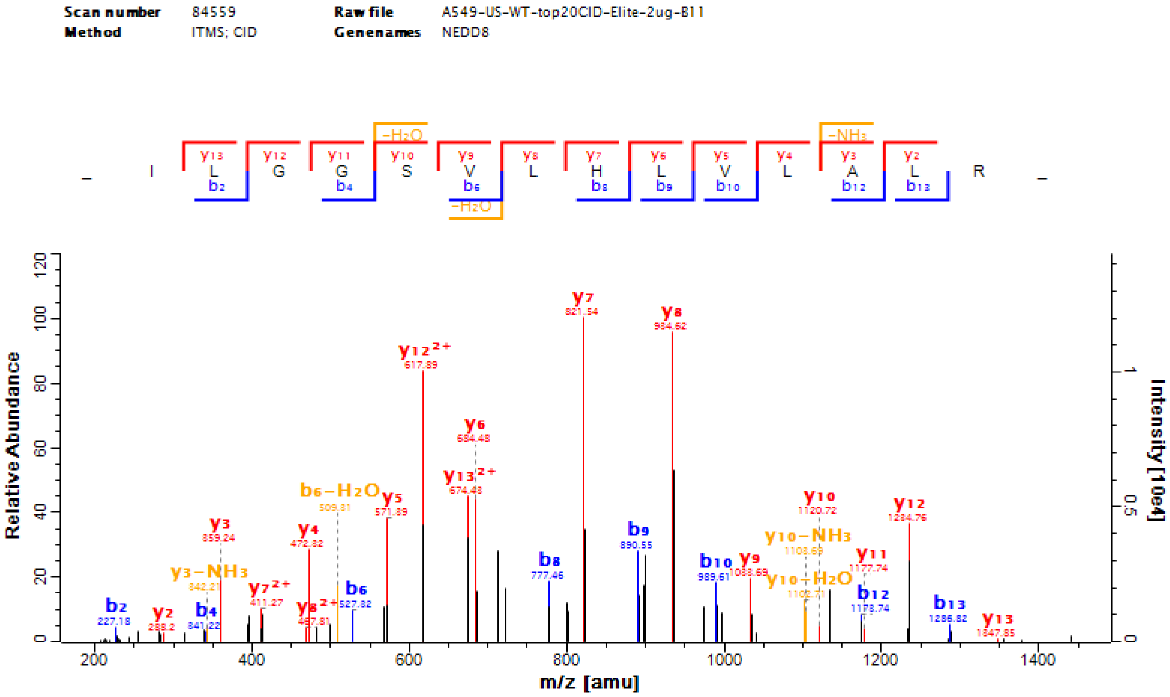


Scan number 28760 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** TSC22D1

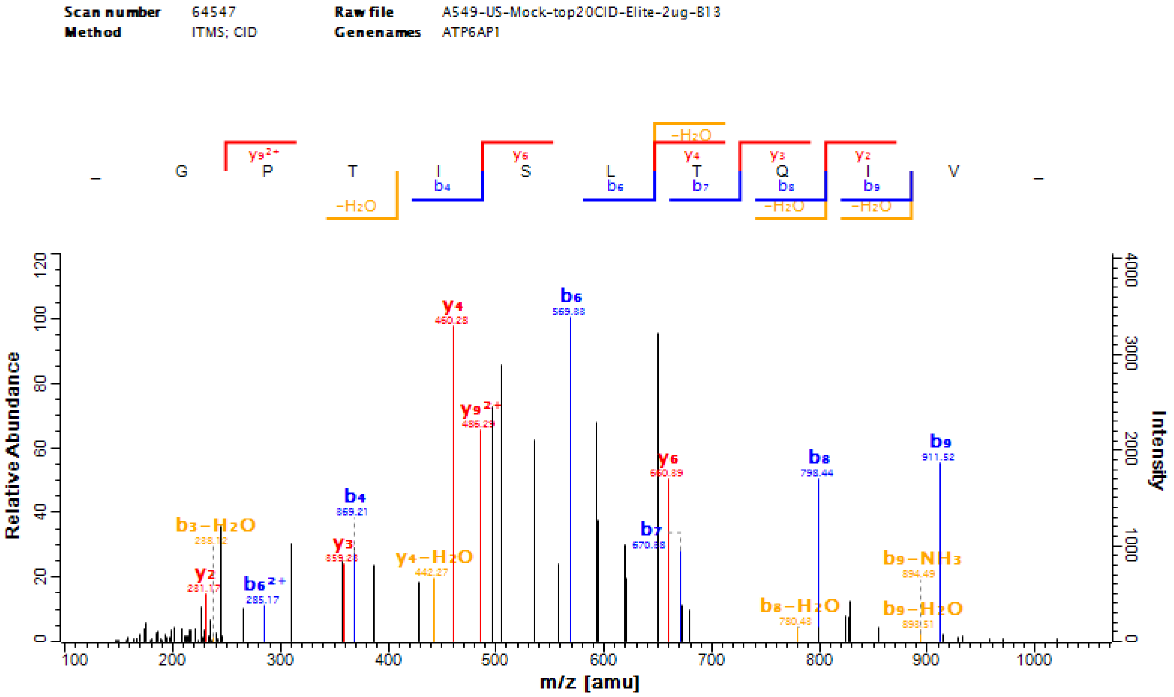
Protein Group ID: 3507
Protein Accession Numbers: Q15750; Q15750-2
Gene Names: TAB1
Peptide Sequence: ALEAAHGPGQANQEIAAMIDTEFAK
Total Number of Spectra: 5
Number of Replicates (out of 8): 3
Best Match Score: 90.308
Best Match Posterior Error Probability: 1.11E-05
Best Match Spectrum:



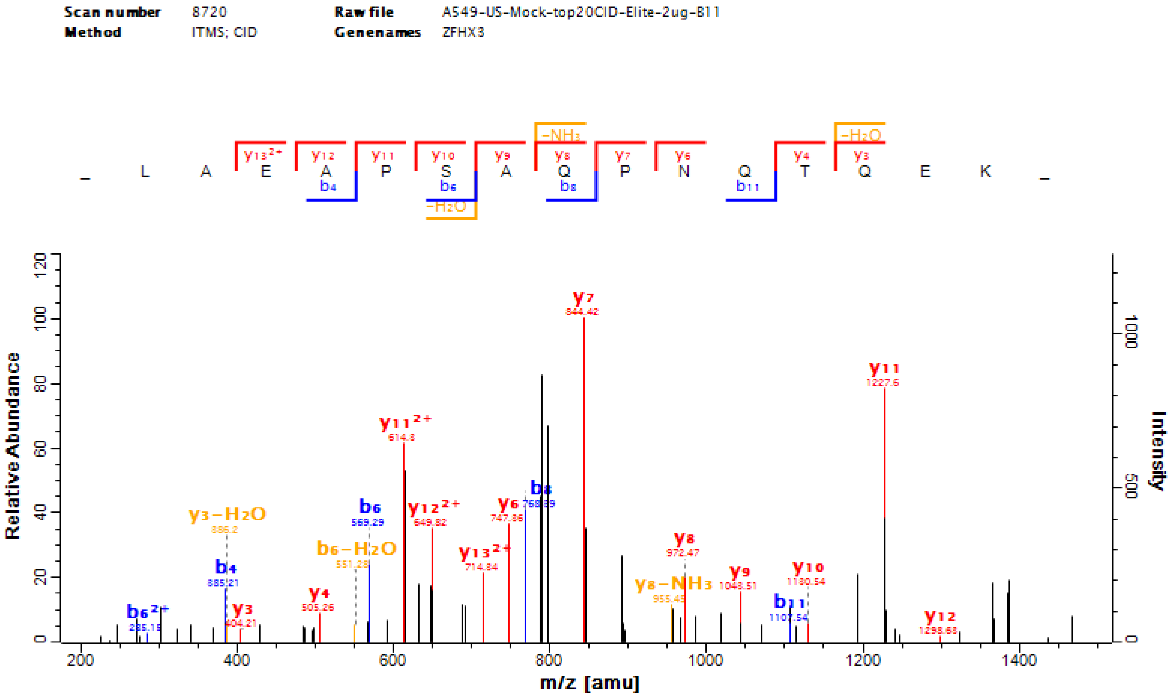
Protein Group ID: 3514
Protein Accession Numbers: Q15843
Gene Names: NEDD8
Peptide Sequence: ILGGSVLHLVLALR
Total Number of Spectra: 10
Number of Replicates (out of 8): 6
Best Match Score: 189.3
Best Match Posterior Error Probability: 1.22E-19
Best Match Spectrum:



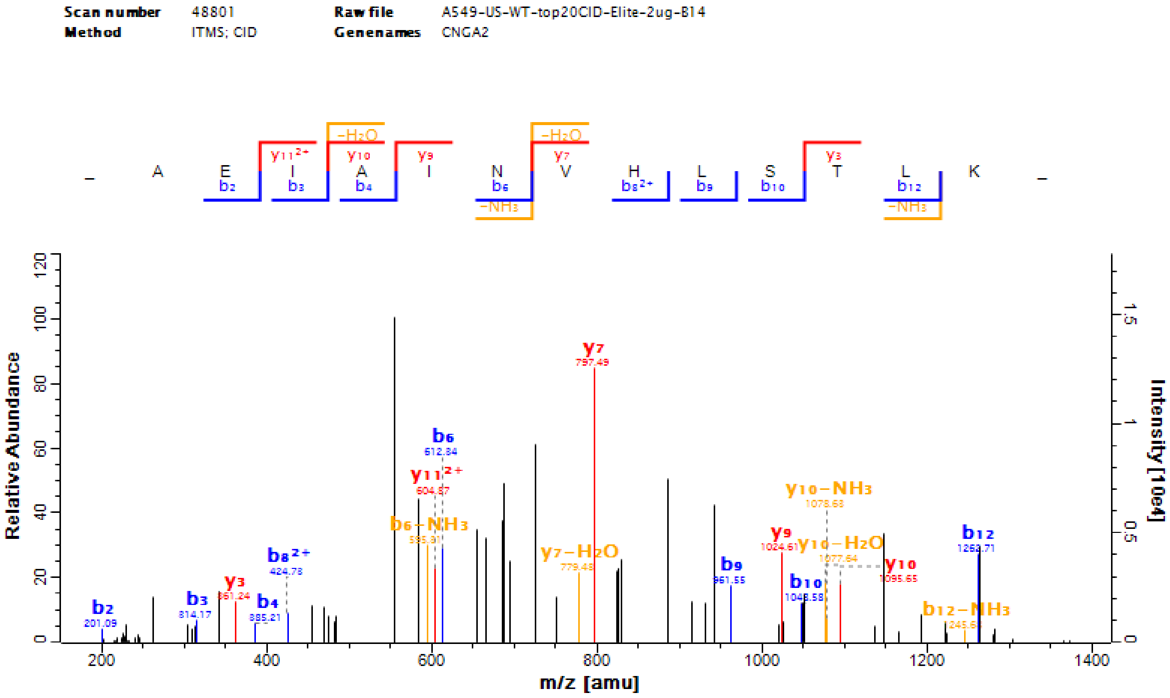
Protein Group ID: 3515
Protein Accession Numbers: Q15904
Gene Names: ATP6AP1
Peptide Sequence: GPTISLTQIV
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 98.044
Best Match Posterior Error Probability: 0.00094211
Best Match Spectrum:



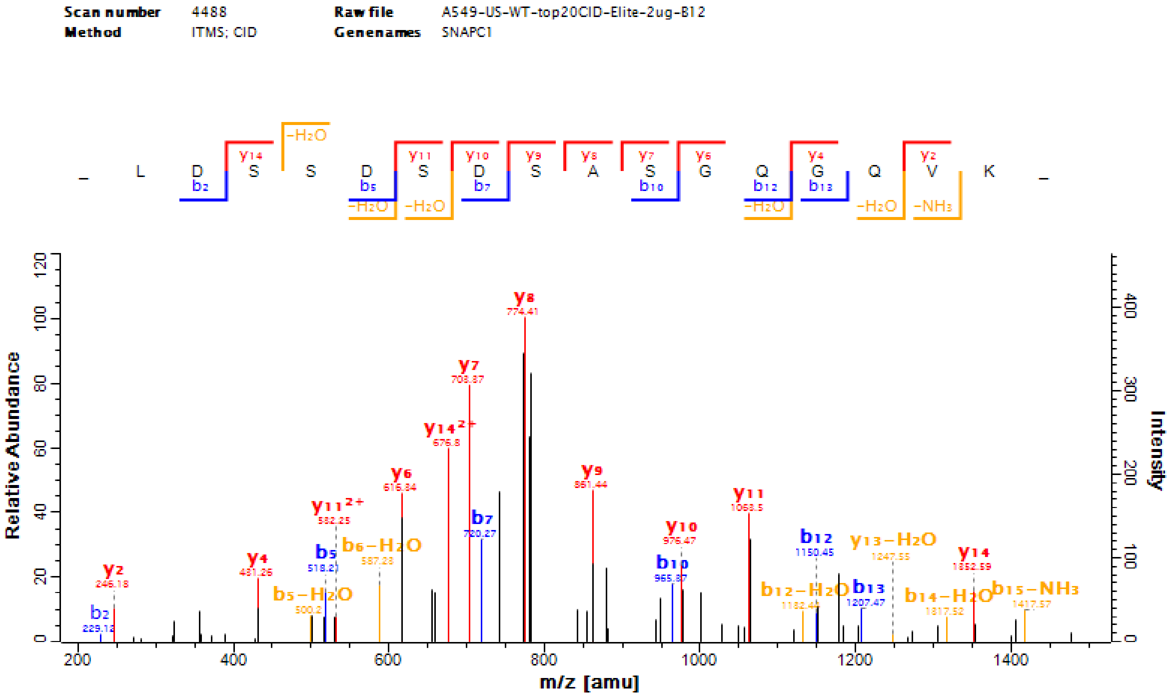
Protein Group ID: 3518
Protein Accession Numbers: Q15911; Q15911-2
Gene Names: ZFHX3
Peptide Sequence: LAEAPSAQPNQTQEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 85.006
Best Match Posterior Error Probability: 0.0015016
Best Match Spectrum:



Protein Group ID: 3525
Protein Accession Numbers: Q16280
Gene Names: CNGA2
Peptide Sequence: AEIAINVHLSTLK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 84.892
Best Match Posterior Error Probability: 0.0022053
Best Match Spectrum:

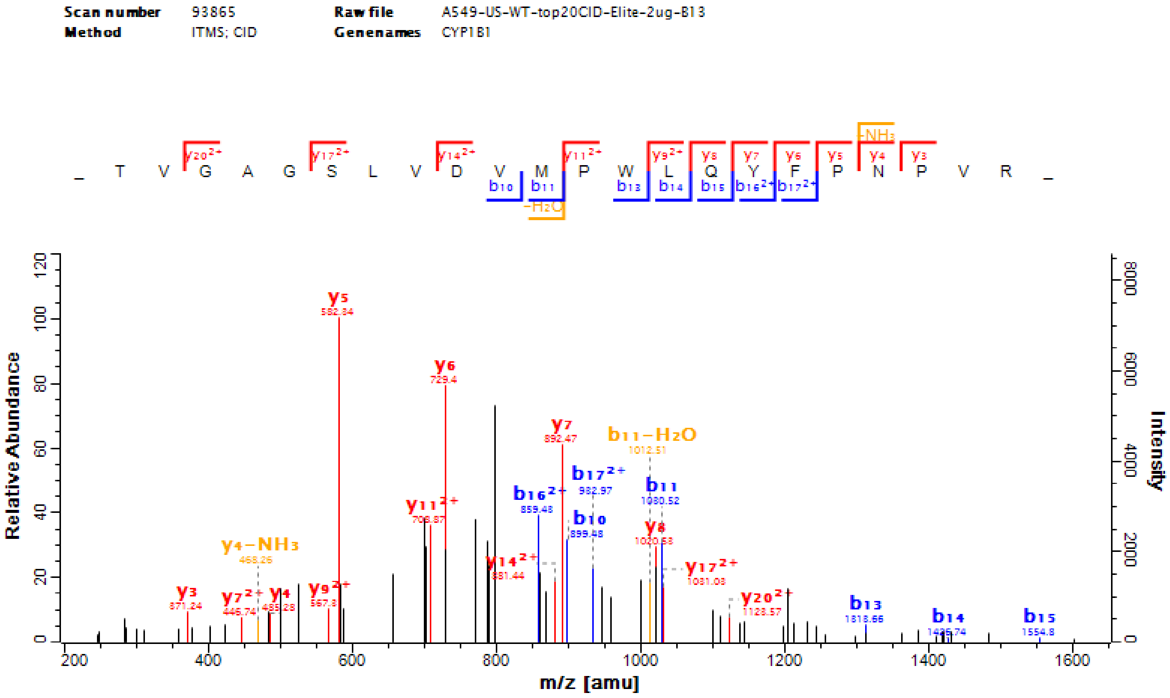


Protein Group ID: 3531
Protein Accession Numbers: Q16533
Gene Names: SNAPC1
Peptide Sequence: LDSSDSDSASGQGQVK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 107.98
Best Match Posterior Error Probability: 0.00012175
Best Match Spectrum:



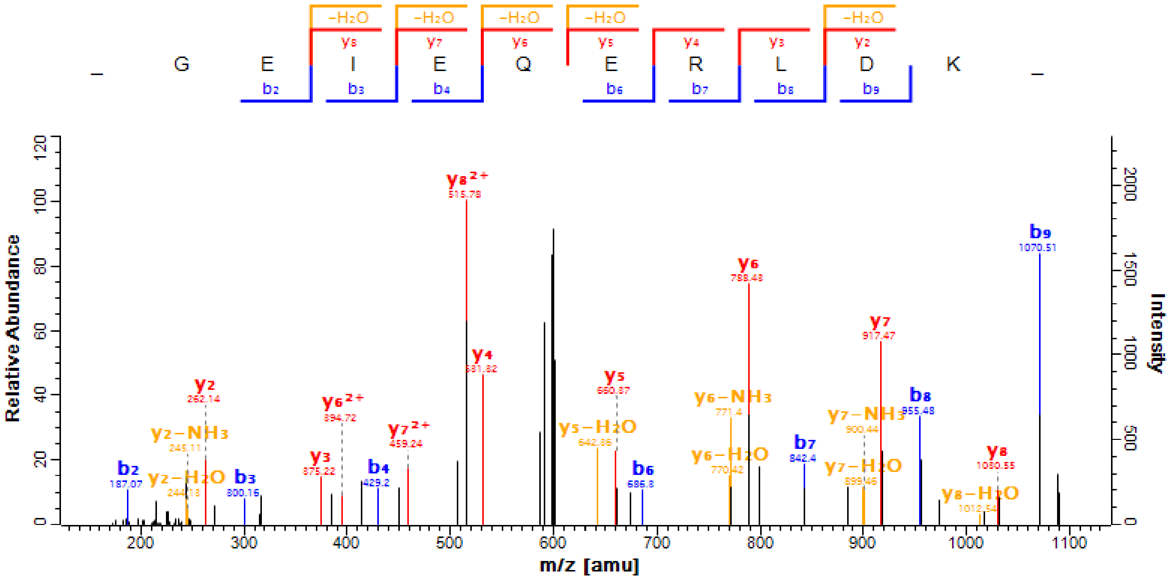
Scan number 4488 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** SNAPC1

Protein Group ID: 3540
Protein Accession Numbers: Q16678
Gene Names: CYP1B1
Peptide Sequence: TVGAGSLVDVMPWLQYFPNPVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 75.564
Best Match Posterior Error Probability: 0.0002151
Best Match Spectrum:

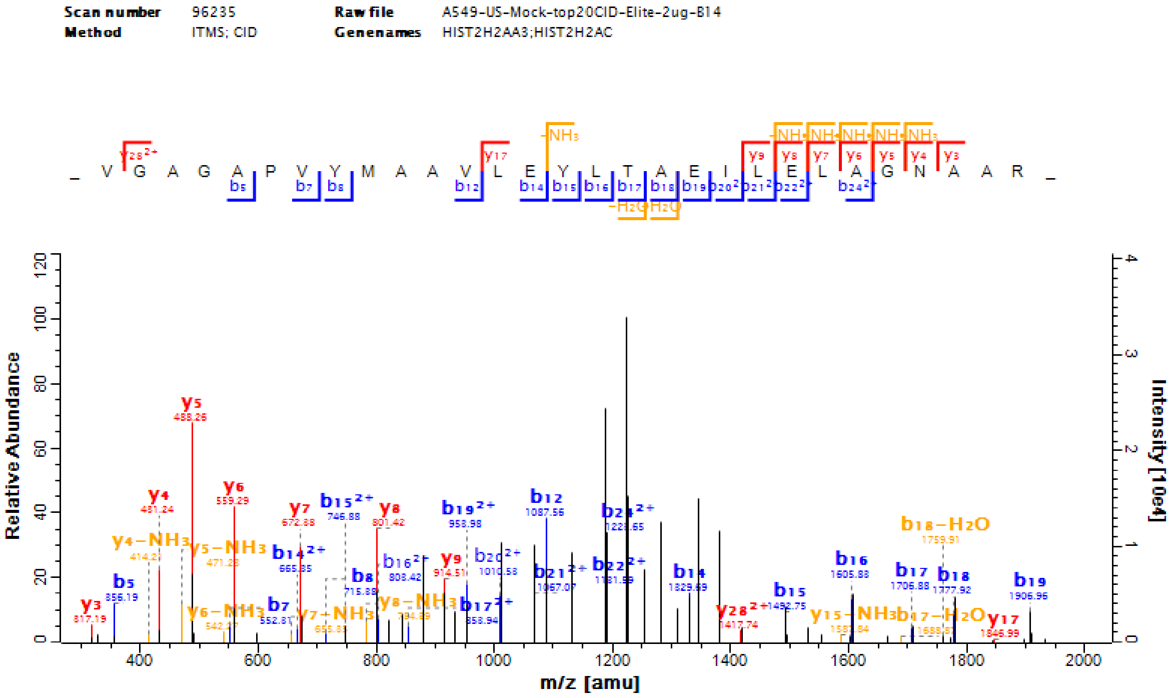


Protein Group ID: 3544
Protein Accession Numbers: Q16720; Q16720-4; Q16720-2; Q16720-5; Q16720-3; Q16720-6; Q16720-7; Q16720-8
Gene Names: ATP2B3
Peptide Sequence: GEIEQERLDK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 174.4
Best Match Posterior Error Probability: 2.96E-05
Best Match Spectrum:

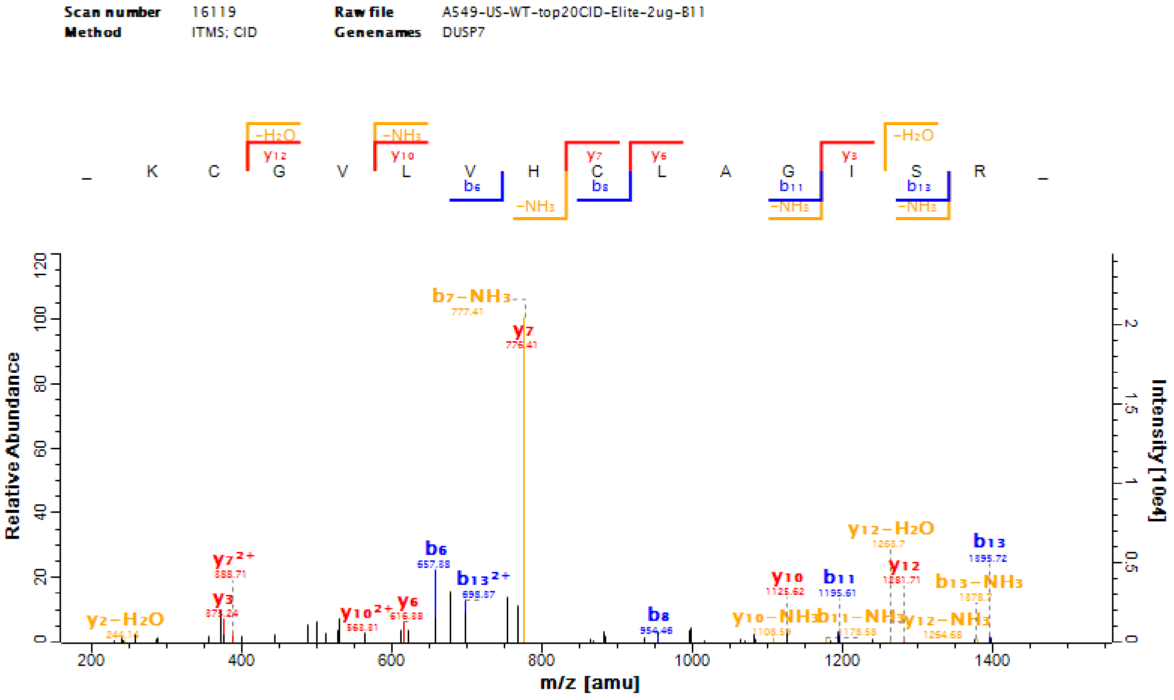
Scan number	7708	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	ATP2B3



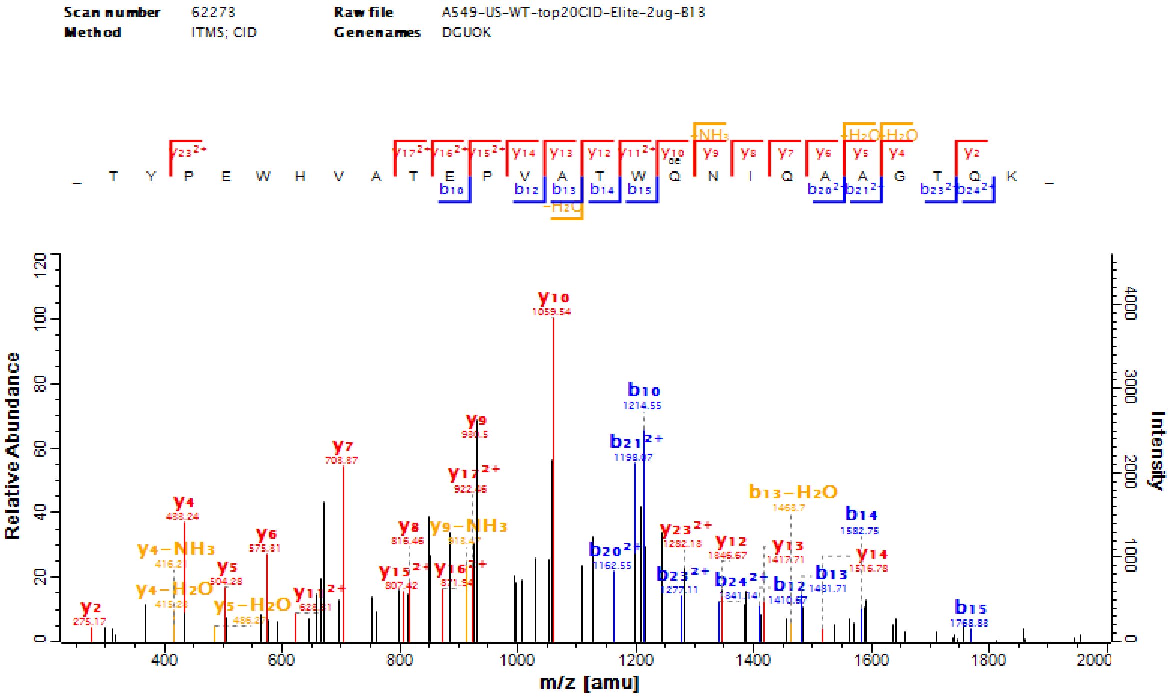
Protein Group ID: 3548
Protein Accession Numbers: Q6FI13; Q16777
Gene Names: HIST2H2AA3;HIST2H2AC
Peptide Sequence: VGAGAPVYMAAVLEYLTAEILELAGNAAR
Total Number of Spectra: 14
Number of Replicates (out of 8): 7
Best Match Score: 171.39
Best Match Posterior Error Probability: 1.05E-41
Best Match Spectrum:



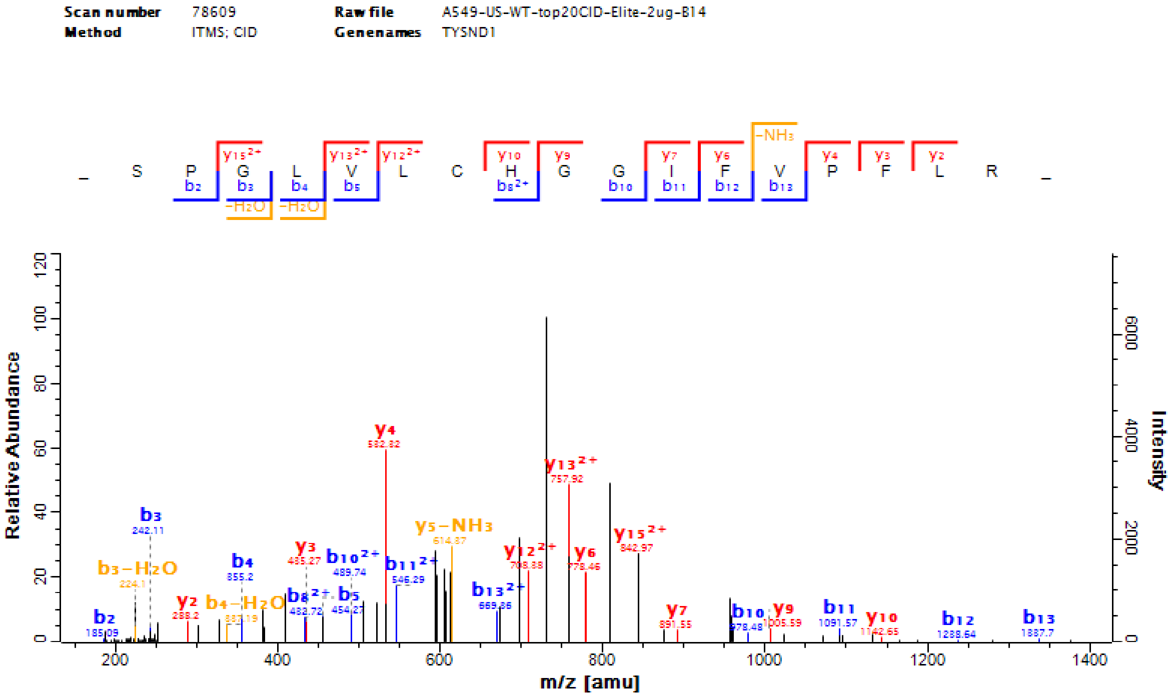
Protein Group ID: 3551
Protein Accession Numbers: Q16829; Q16829-2
Gene Names: DUSP7
Peptide Sequence: KCGVLVHCLAGISR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 88.101
Best Match Posterior Error Probability: 0.0032201
Best Match Spectrum:



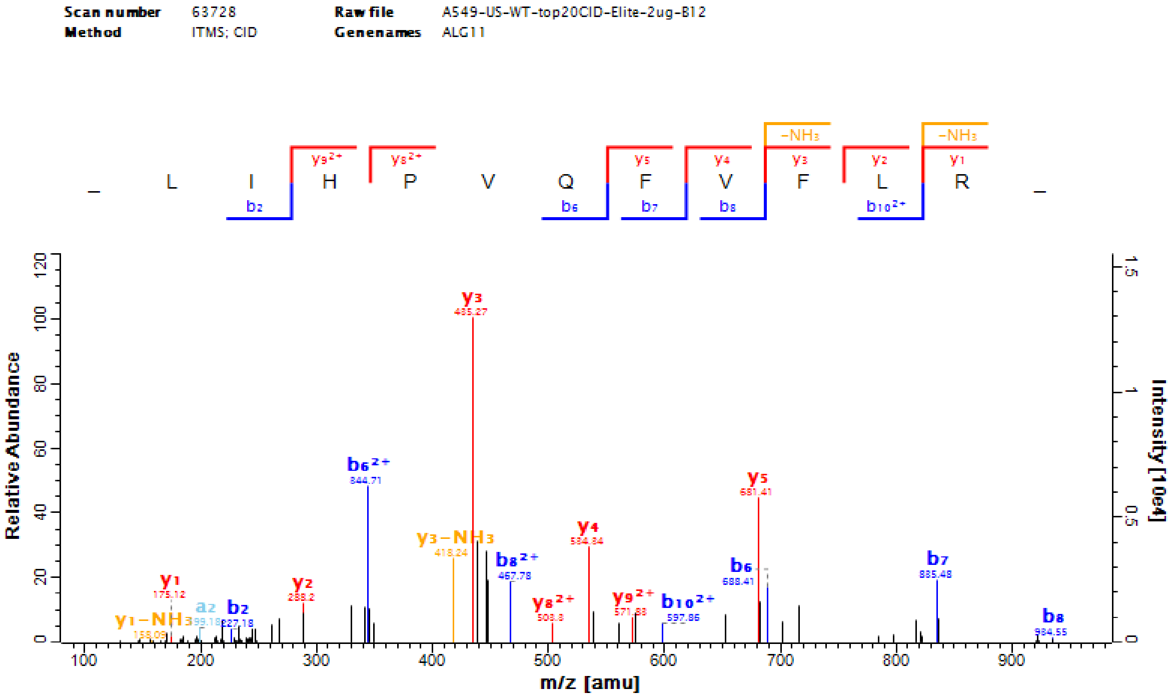
Protein Group ID: 3555
Protein Accession Numbers: Q16854; Q16854-2
Gene Names: DGUOK
Peptide Sequence: TYPEWHVATEPVATWQNIQAAGTQK
Total Number of Spectra: 11
Number of Replicates (out of 8): 8
Best Match Score: 118.36
Best Match Posterior Error Probability: 7.22E-10
Best Match Spectrum:



Protein Group ID: 3567
Protein Accession Numbers: Q2T9J0; Q2T9J0-2
Gene Names: TYSND1
Peptide Sequence: SPGLVLCHGGIFVPFLR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 112.02
Best Match Posterior Error Probability: 9.94E-05
Best Match Spectrum:

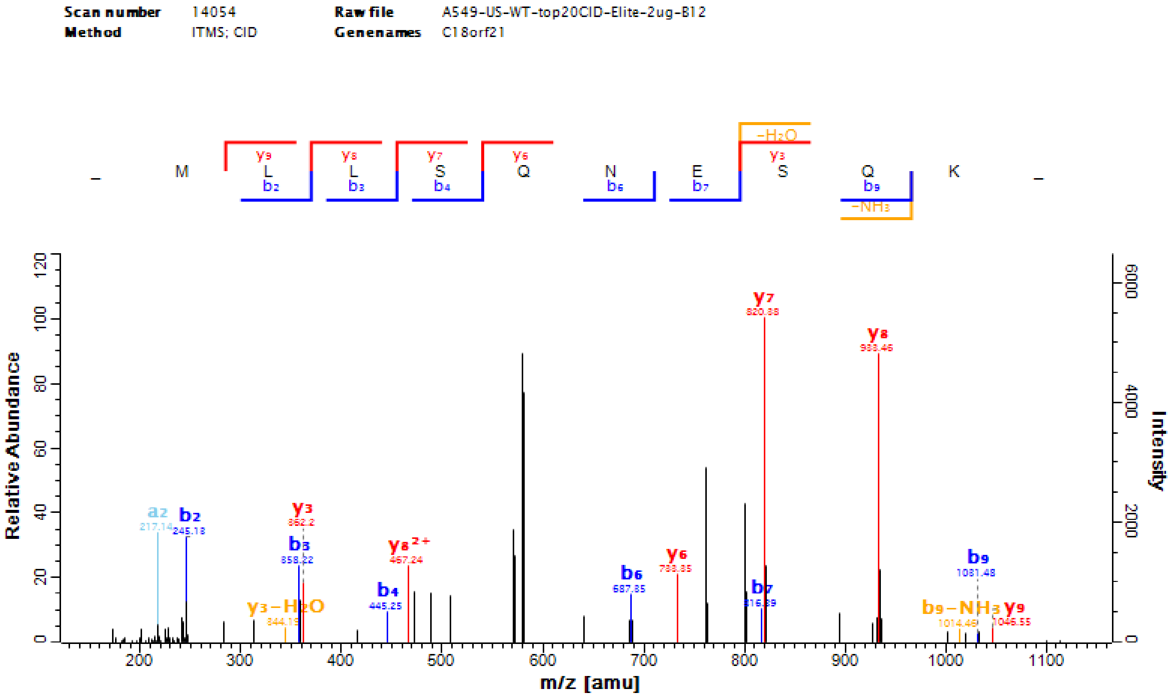


Protein Group ID: 3568
Protein Accession Numbers: Q2TAA5
Gene Names: ALG11
Peptide Sequence: LIHPVQFVFLR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 88.495
Best Match Posterior Error Probability: 0.001634
Best Match Spectrum:

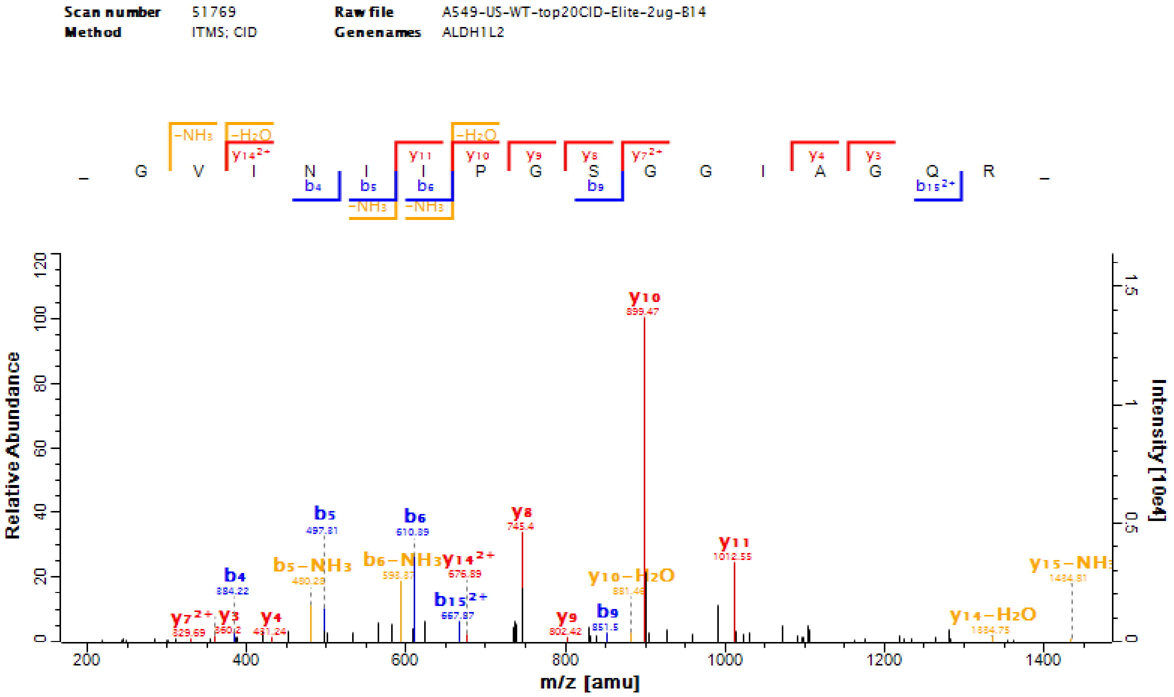


Scan number	63728	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	ALG11

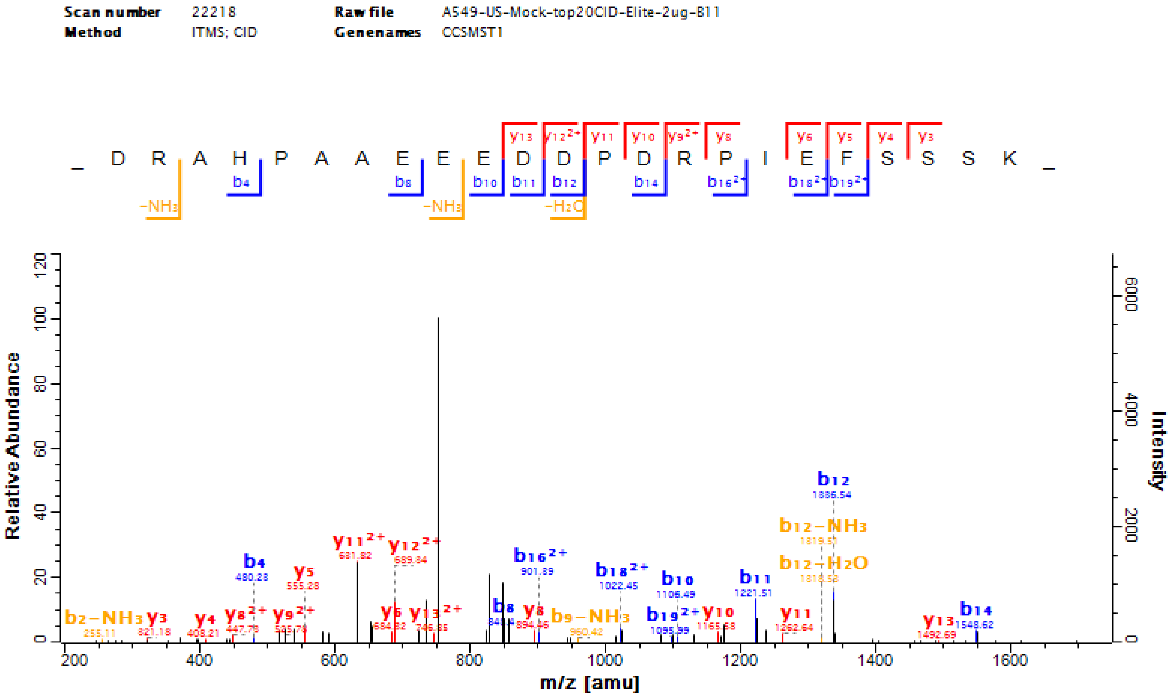
Protein Group ID: 3573
Protein Accession Numbers: Q32NC0
Gene Names: C18orf21
Peptide Sequence: MLLSQNESQK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.171
Best Match Posterior Error Probability: 0.0020853
Best Match Spectrum:



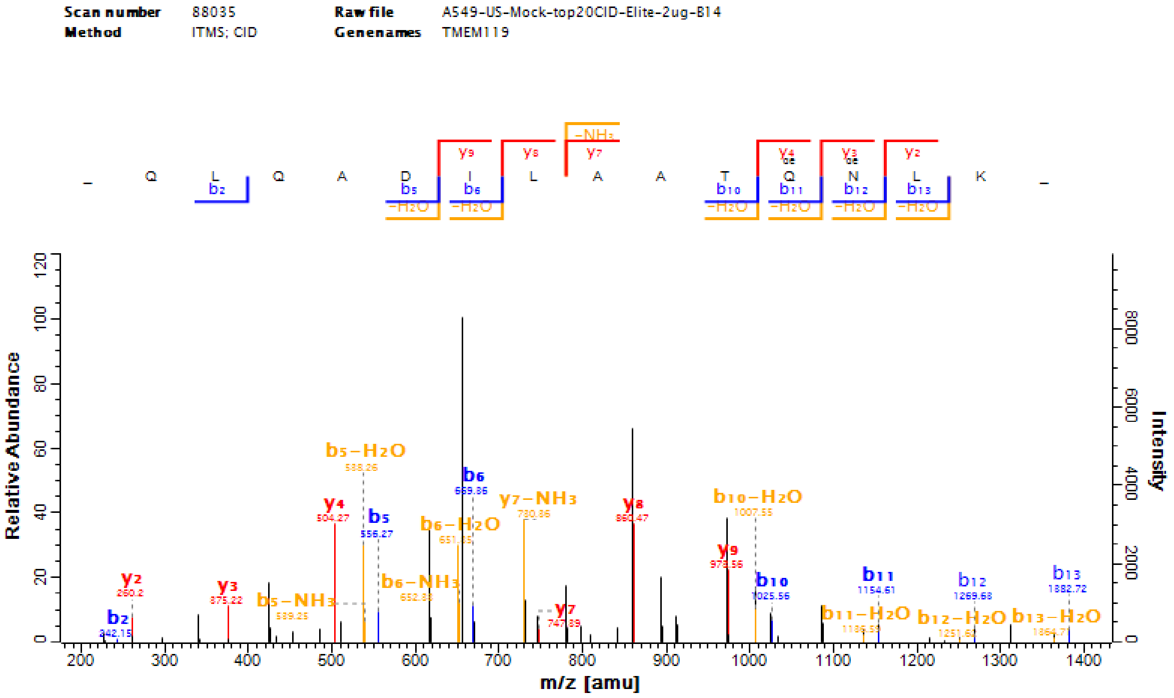
Protein Group ID: 3579
Protein Accession Numbers: Q3SY69
Gene Names: ALDH1L2
Peptide Sequence: GVINIIPGSGGIAGQR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 80.534
Best Match Posterior Error Probability: 0.0019411
Best Match Spectrum:



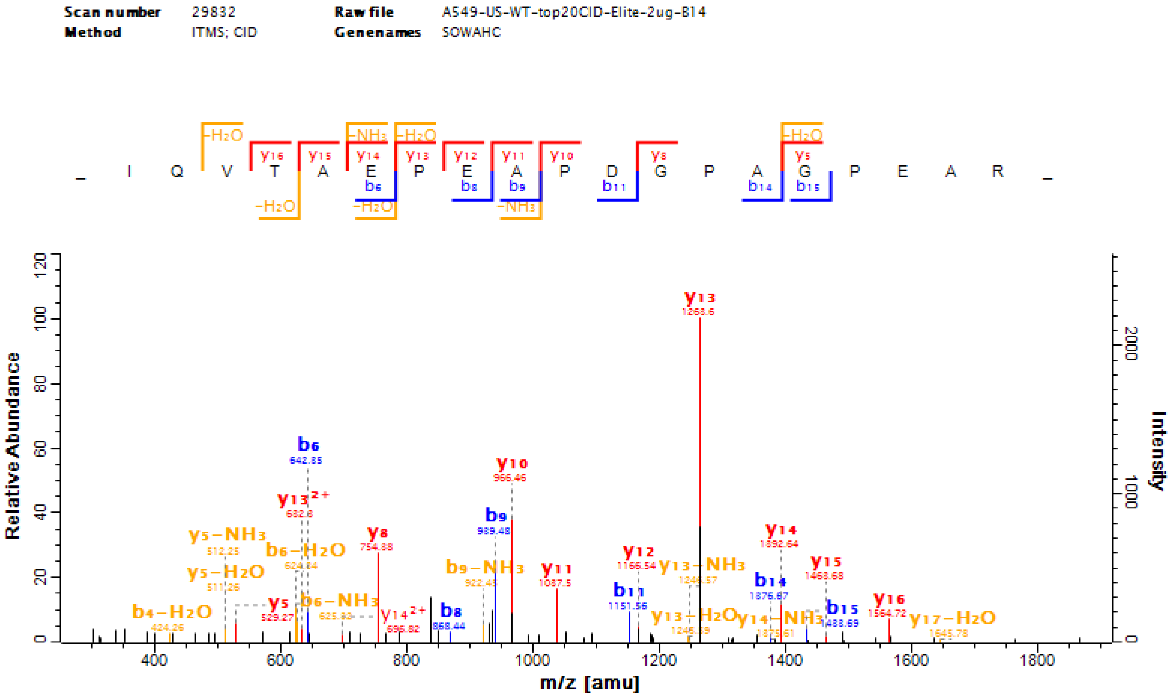
Protein Group ID: 3587
Protein Accession Numbers: Q4G0I0
Gene Names: CCSMST1
Peptide Sequence: DRAHPAAEEEDDPDRPIEFSSSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 86.357
Best Match Posterior Error Probability: 0.0005932
Best Match Spectrum:



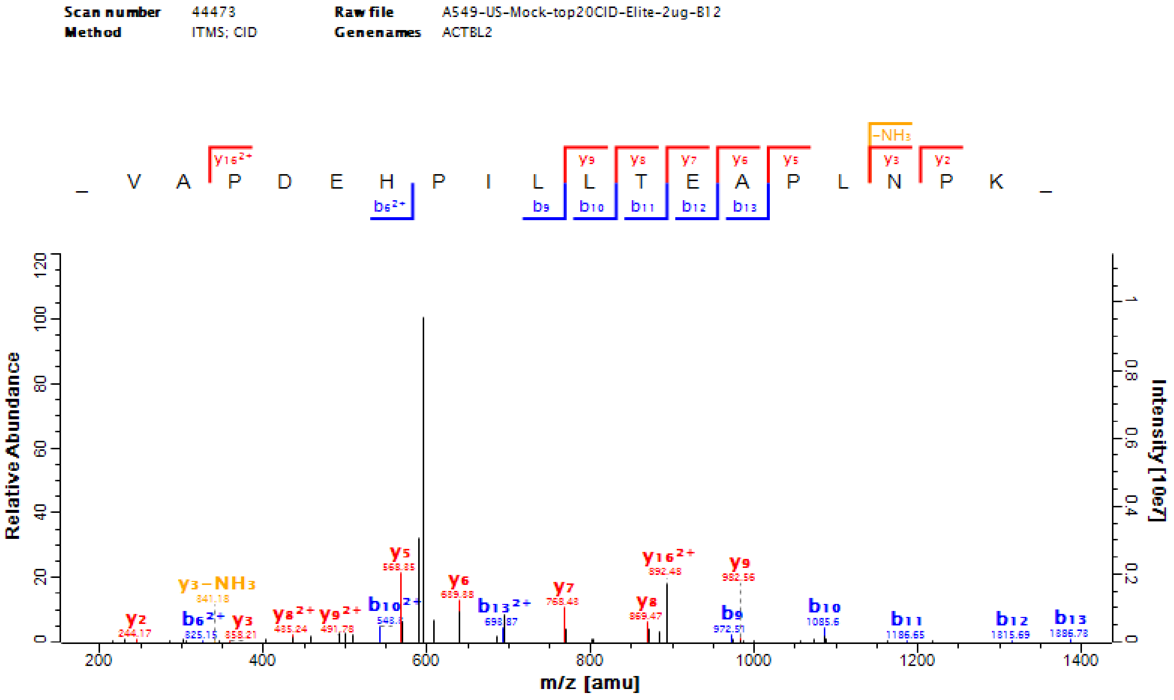
Protein Group ID: 3596
Protein Accession Numbers: Q4V9L6
Gene Names: TMEM119
Peptide Sequence: QLQADILAATQNLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 116.19
Best Match Posterior Error Probability: 0.009967
Best Match Spectrum:



Protein Group ID: 3608
Protein Accession Numbers: Q53LP3
Gene Names: SOWAHC
Peptide Sequence: IQVTAEPEAPDGPAGPEAR
Total Number of Spectra: 7
Number of Replicates (out of 8): 4
Best Match Score: 116.6
Best Match Posterior Error Probability: 2.22E-05
Best Match Spectrum:

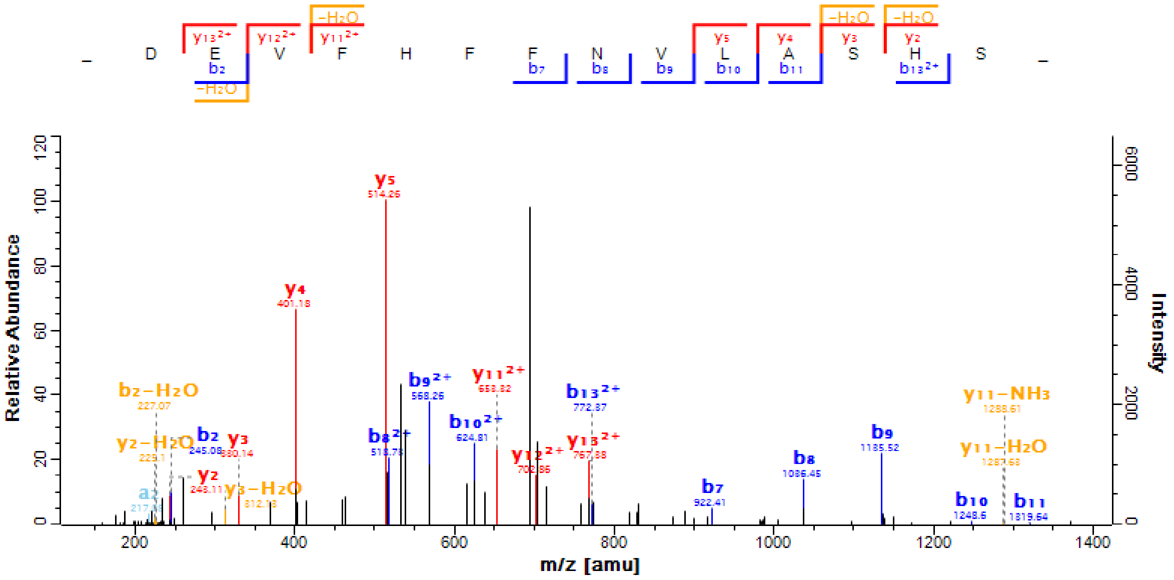


Protein Group ID: 3612
Protein Accession Numbers: Q562R1
Gene Names: ACTBL2
Peptide Sequence: VAPDEHPILLTEAPLNPK
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 93.51
Best Match Posterior Error Probability: 0.00029775
Best Match Spectrum:

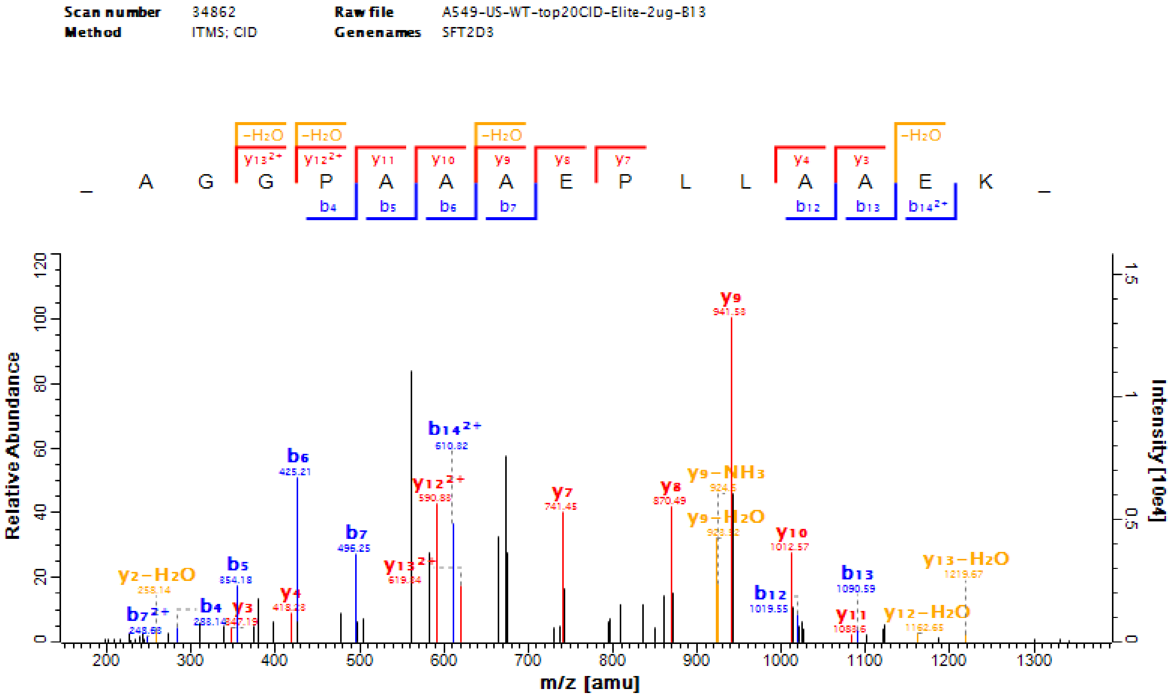


Protein Group ID: 3613
Protein Accession Numbers: Q56P03
Gene Names: EAPP
Peptide Sequence: DEVFHFFNVLASHS
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 101.6
Best Match Posterior Error Probability: 0.00030903
Best Match Spectrum:

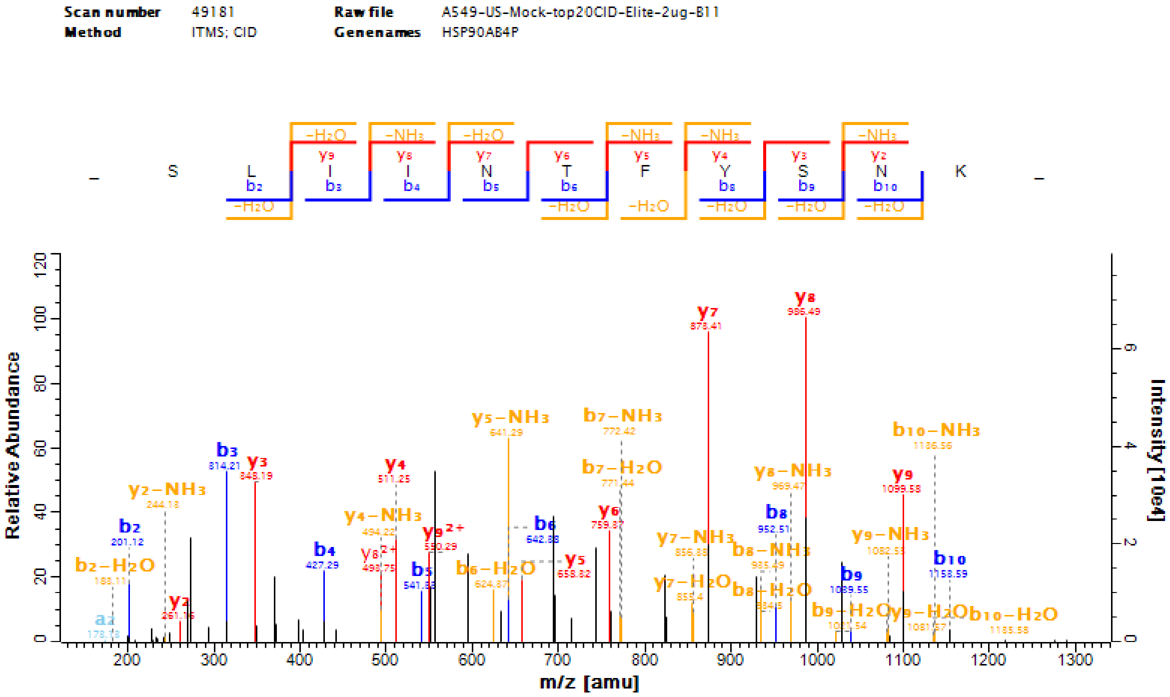
Scan number	75027	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	EAPP



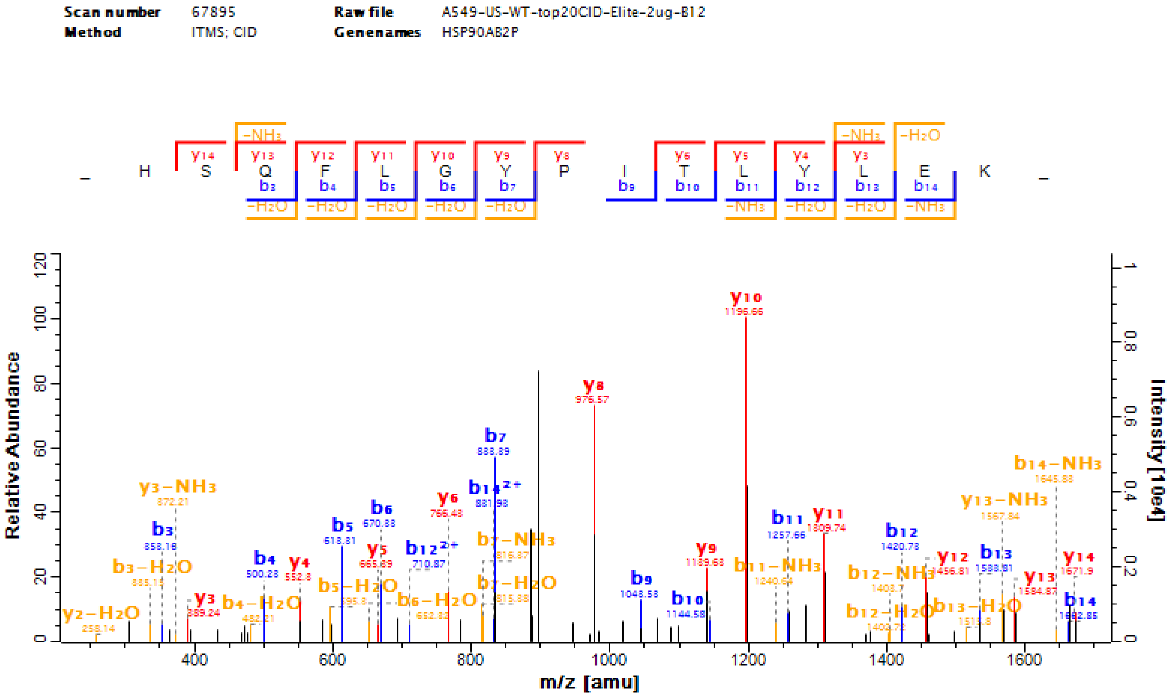
Protein Group ID: 3615
Protein Accession Numbers: Q587I9
Gene Names: SFT2D3
Peptide Sequence: AGGPAAAEPLLAAEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 95.264
Best Match Posterior Error Probability: 0.00045926
Best Match Spectrum:



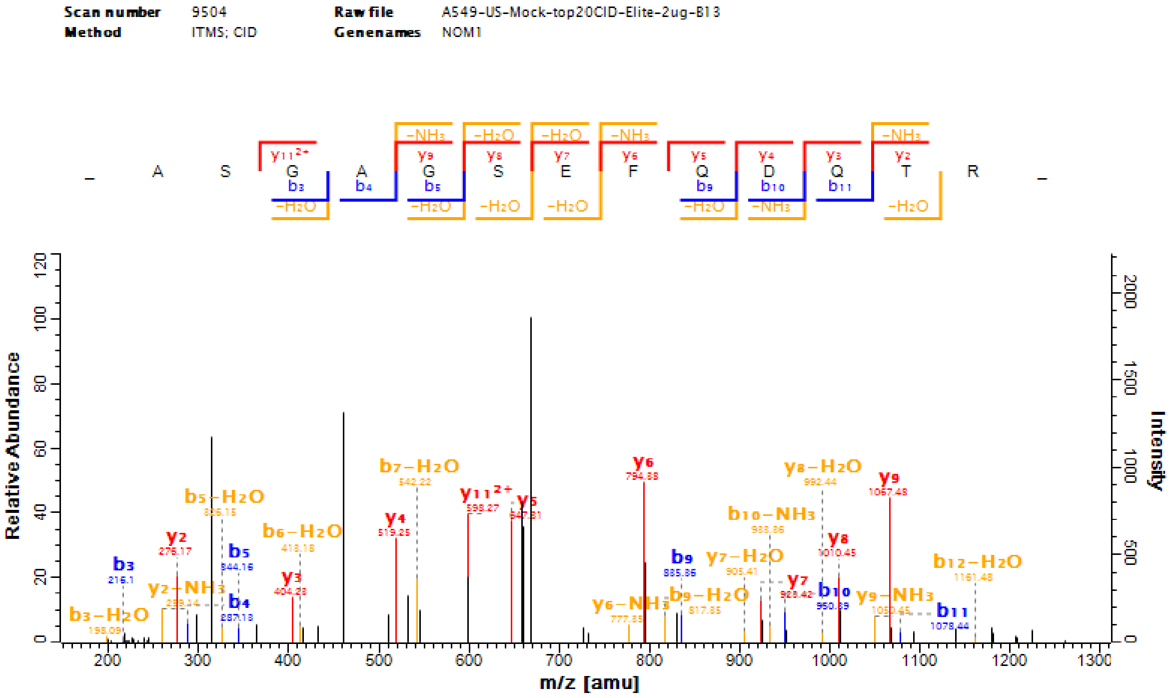
Protein Group ID: 3616
Protein Accession Numbers: Q58FF6
Gene Names: HSP90AB4P
Peptide Sequence: SLIINTFYSNK
Total Number of Spectra: 16
Number of Replicates (out of 8): 8
Best Match Score: 234.3
Best Match Posterior Error Probability: 1.18E-40
Best Match Spectrum:



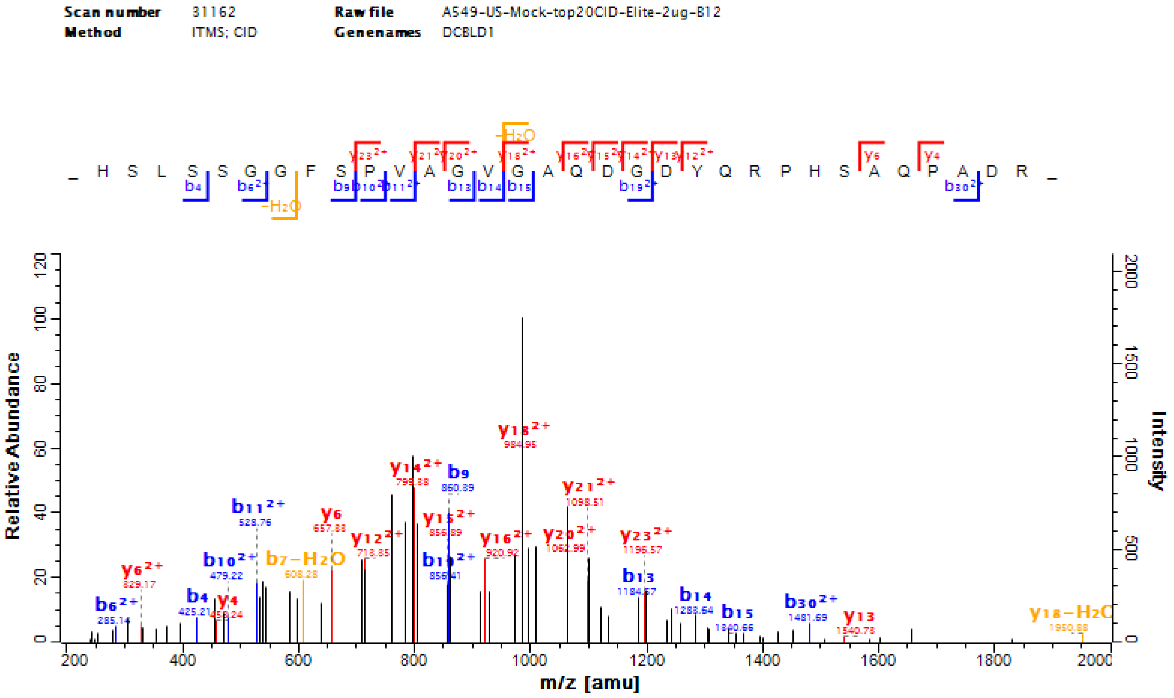
Protein Group ID: 3617
Protein Accession Numbers: Q58FF8
Gene Names: HSP90AB2P
Peptide Sequence: HSQFLGYPITLYLEK
Total Number of Spectra: 19
Number of Replicates (out of 8): 8
Best Match Score: 216.71
Best Match Posterior Error Probability: 2.63E-48
Best Match Spectrum:



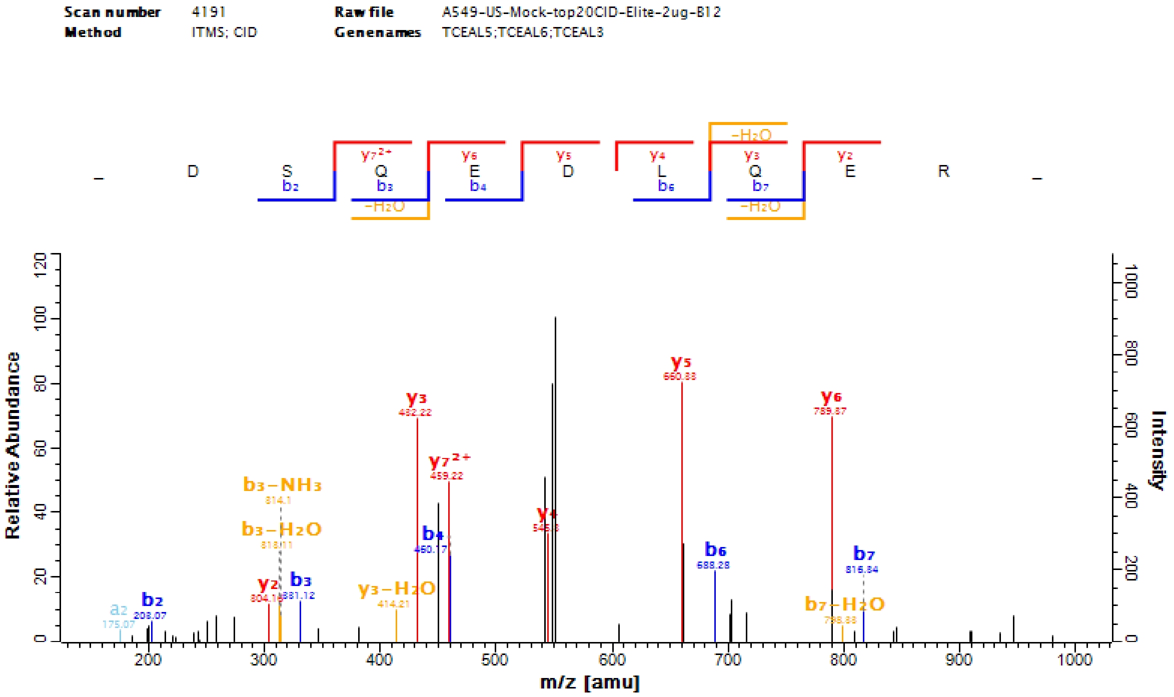
Protein Group ID: 3619
Protein Accession Numbers: Q5C9Z4
Gene Names: NOM1
Peptide Sequence: ASGAGSEFQDQTR
Total Number of Spectra: 8
Number of Replicates (out of 8): 5
Best Match Score: 121.56
Best Match Posterior Error Probability: 0.00011536
Best Match Spectrum:



Protein Group ID: 3624
Protein Accession Numbers: Q8N8Z6; Q5H993
Gene Names: DCBLD1
Peptide Sequence: HSLSSGGFSPVAGVGAQDGDYQRPHSAQPADR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 66.282
Best Match Posterior Error Probability: 9.35E-05
Best Match Spectrum:

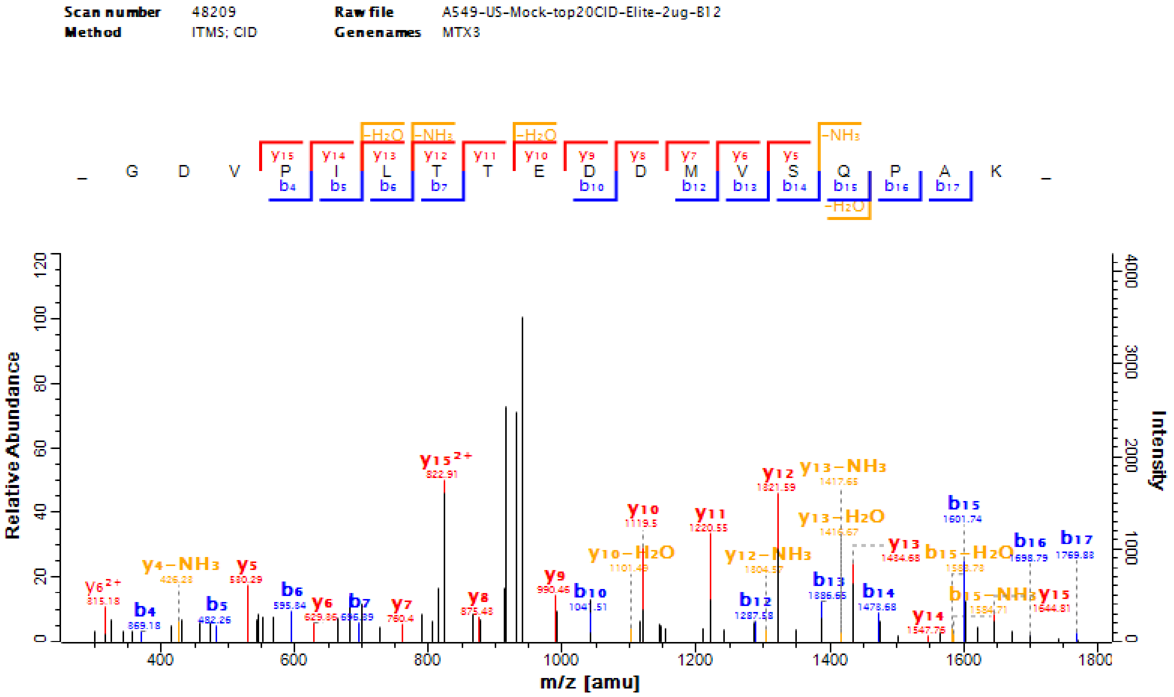


Protein Group ID: 3625
Protein Accession Numbers: Q5H9L2; Q6IPX3; Q969E4; Q6IPX3-2
Gene Names: TCEAL5;TCEAL6;TCEAL3
Peptide Sequence: DSQEDLQER
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 93.096
Best Match Posterior Error Probability: 0.003006
Best Match Spectrum:

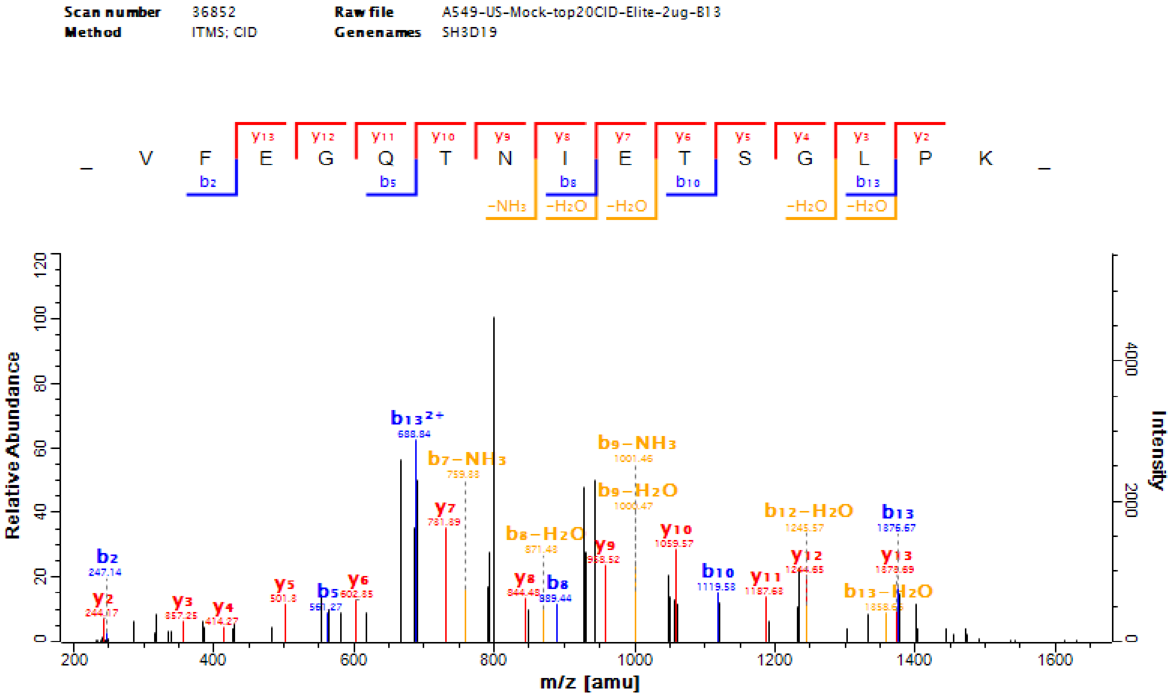


Scan number 4191
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B12
Genenames TCEAL5;TCEAL6;TCEAL3

Protein Group ID: 3627
Protein Accession Numbers: Q5HYI7; Q5HYI7-4; Q5HYI7-2
Gene Names: MTX3
Peptide Sequence: GDVPILTTEDDMVSQPAK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 136.66
Best Match Posterior Error Probability: 2.47E-05
Best Match Spectrum:

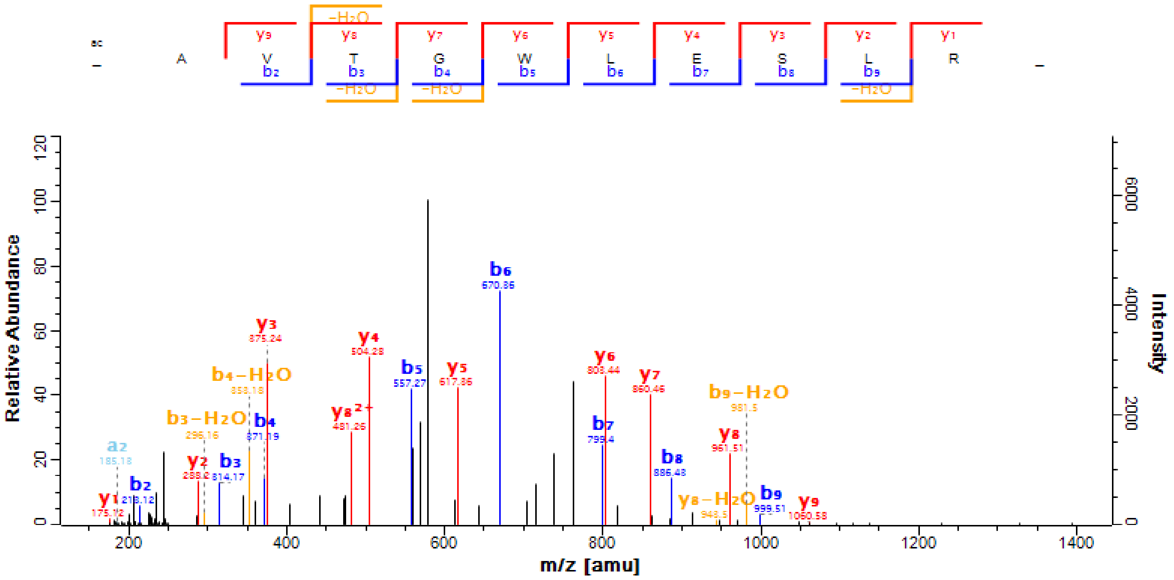


Protein Group ID: 3628
Protein Accession Numbers: Q5HYK7; Q5HYK7-2; Q5HYK7-3
Gene Names: SH3D19
Peptide Sequence: VFEGQTNIETSGLPK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 92.773
Best Match Posterior Error Probability: 0.00062991
Best Match Spectrum:

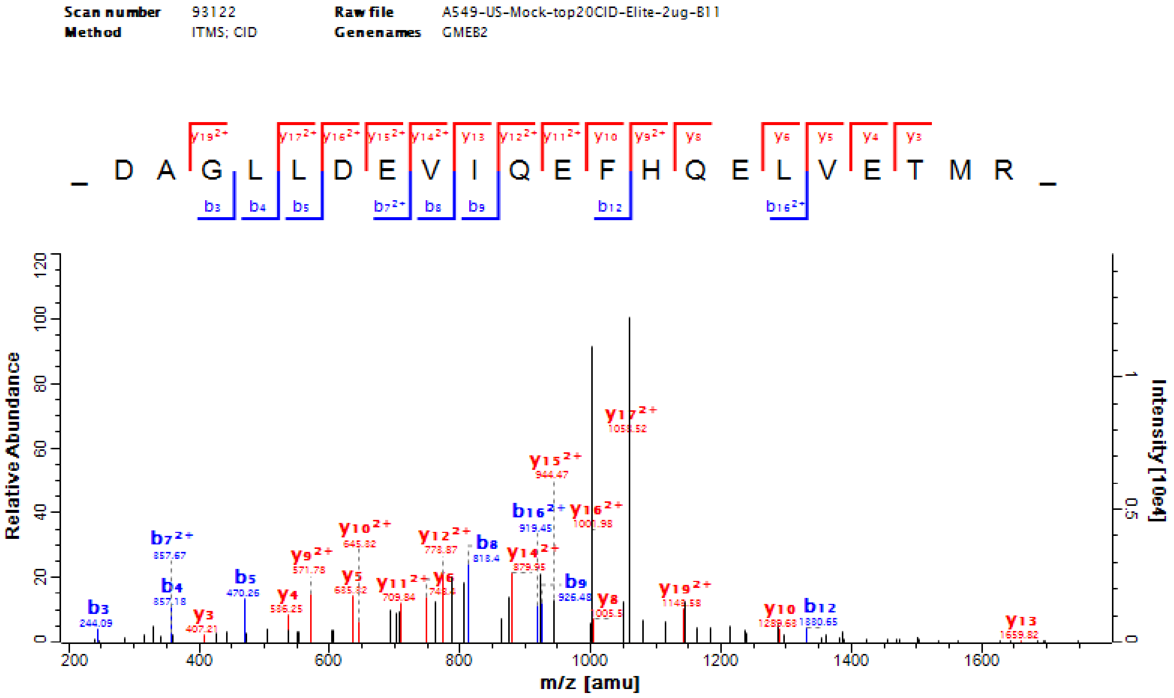


Protein Group ID: 3631
Protein Accession Numbers: Q9BVM2; Q5JQQ4
Gene Names: DPCD;RP11-529I10.4
Peptide Sequence: AVTGWLESLR
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 175.15
Best Match Posterior Error Probability: 8.00E-06
Best Match Spectrum:

Scan number	84256	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	DPCD;RP11-529I10.4

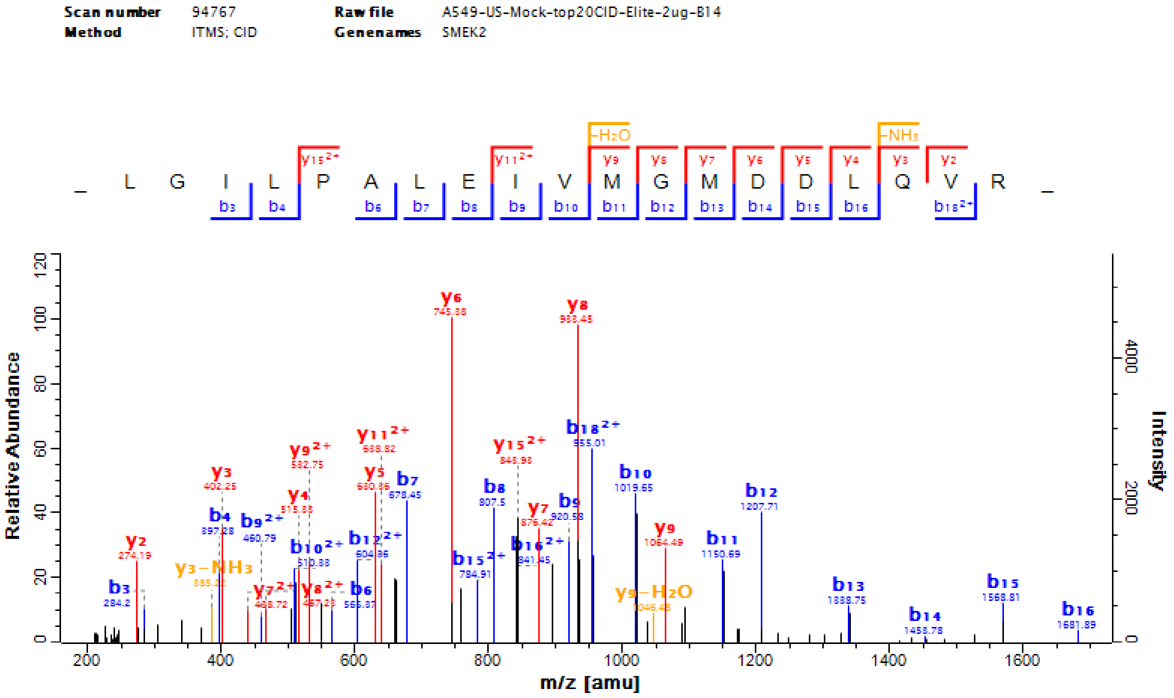


Protein Group ID: 3637
Protein Accession Numbers: Q9UKD1; Q5JTV1
Gene Names: GMEB2
Peptide Sequence: DAGLLDEVIQEFHQELVETMR
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 110.74
Best Match Posterior Error Probability: 3.42E-06
Best Match Spectrum:



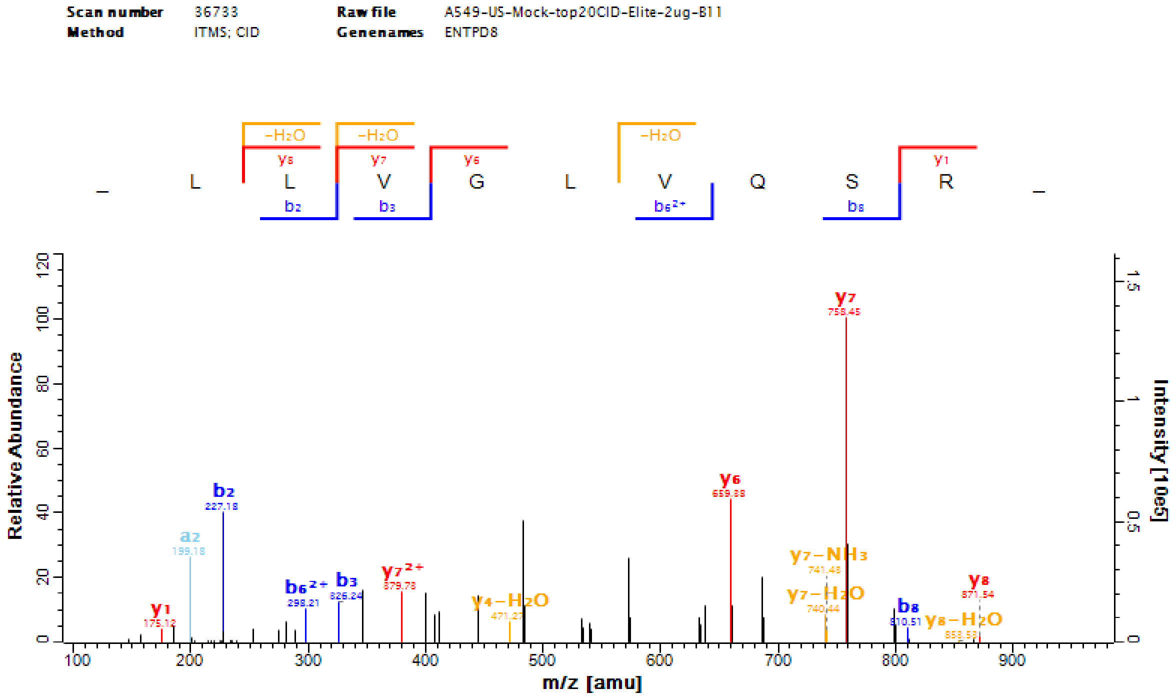
Scan number 93122 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** GMEB2

Protein Group ID: 3646
Protein Accession Numbers: Q5MIZ7; Q5MIZ7-2; Q5MIZ7-3
Gene Names: SMEK2
Peptide Sequence: LGILPALEIVMGMDDLQVR
Total Number of Spectra: 9
Number of Replicates (out of 8): 8
Best Match Score: 206.43
Best Match Posterior Error Probability: 1.90E-42
Best Match Spectrum:



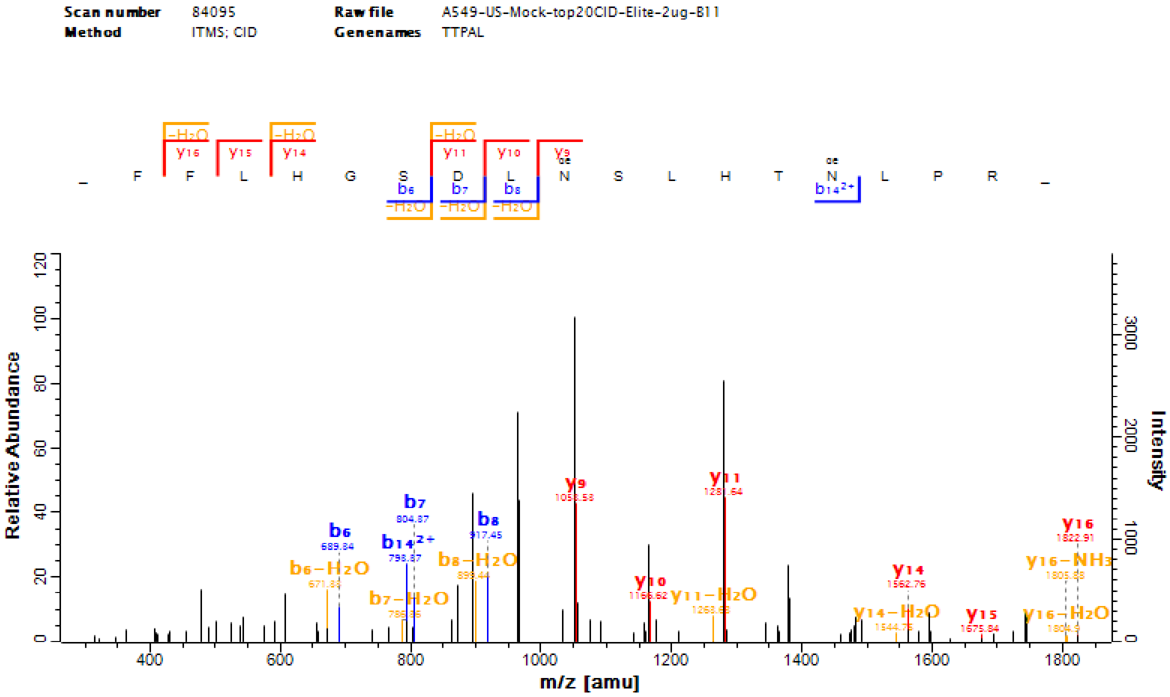
Scan number 94767 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** SMEK2

Protein Group ID: 3647
Protein Accession Numbers: Q5MY95; Q5MY95-2
Gene Names: ENTPD8
Peptide Sequence: LLVGLVQSR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 90.657
Best Match Posterior Error Probability: 0.0034895
Best Match Spectrum:

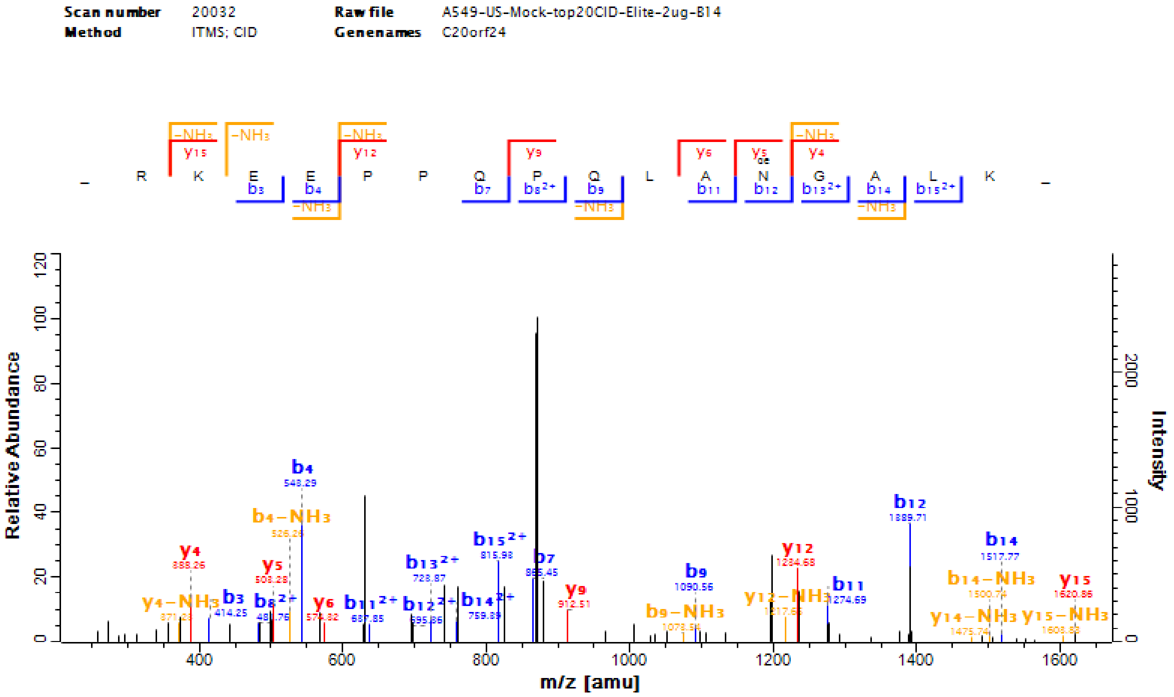


Scan number 36733 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** ENTPD8

Protein Group ID: 3651
Protein Accession Numbers: Q9BTX7; Q5QPC2
Gene Names: TTPAL
Peptide Sequence: FFLHGSDLNSLHTNLPR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 88.561
Best Match Posterior Error Probability: 0.012905
Best Match Spectrum:

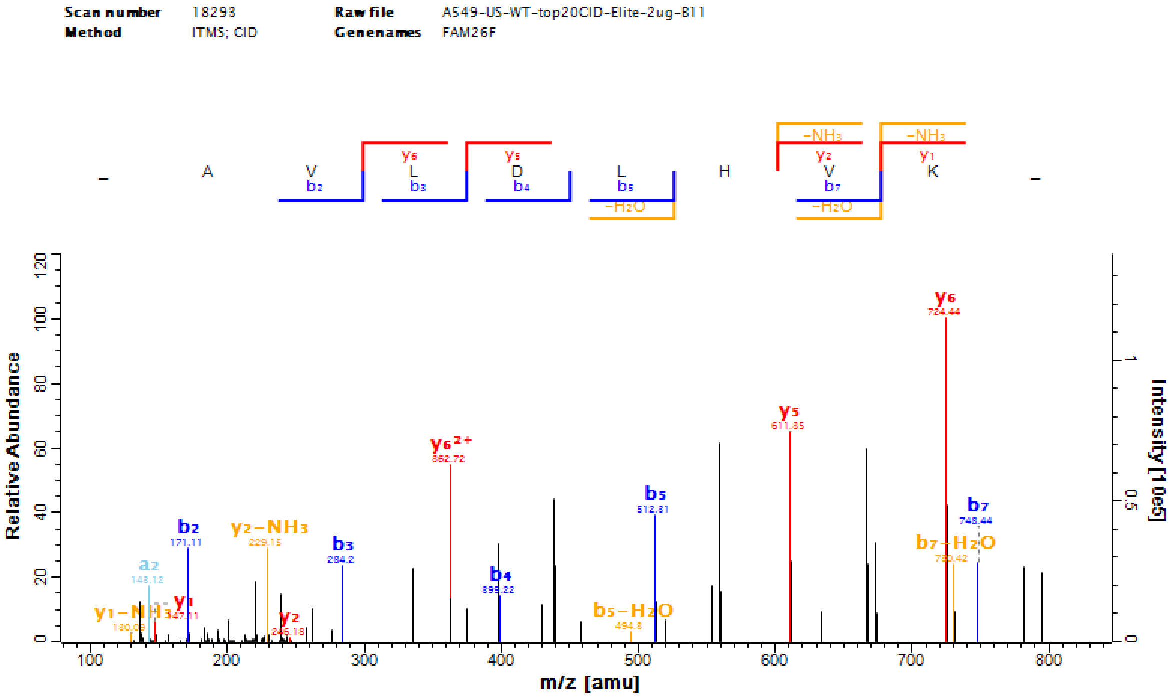


Protein Group ID: 3652
Protein Accession Numbers: Q5QPG6; Q9BUV8; Q9BUV8-2; Q9BUV8-3; Q9BUV8-4
Gene Names: C20orf24
Peptide Sequence: RKEEPPQPQLANGALK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 127.32
Best Match Posterior Error Probability: 0.0075267
Best Match Spectrum:



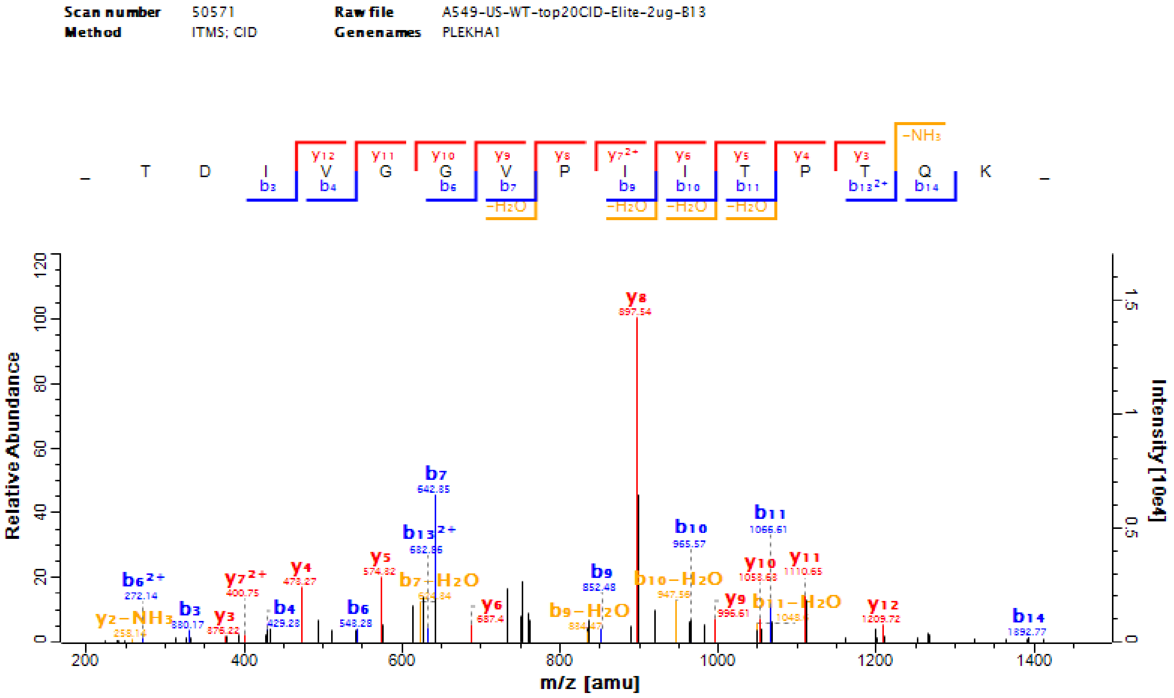
Scan number 20032 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** C20orf24

Protein Group ID: 3654
Protein Accession Numbers: Q5R3K3
Gene Names: FAM26F
Peptide Sequence: AVLDLHVK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 111.82
Best Match Posterior Error Probability: 0.0027613
Best Match Spectrum:

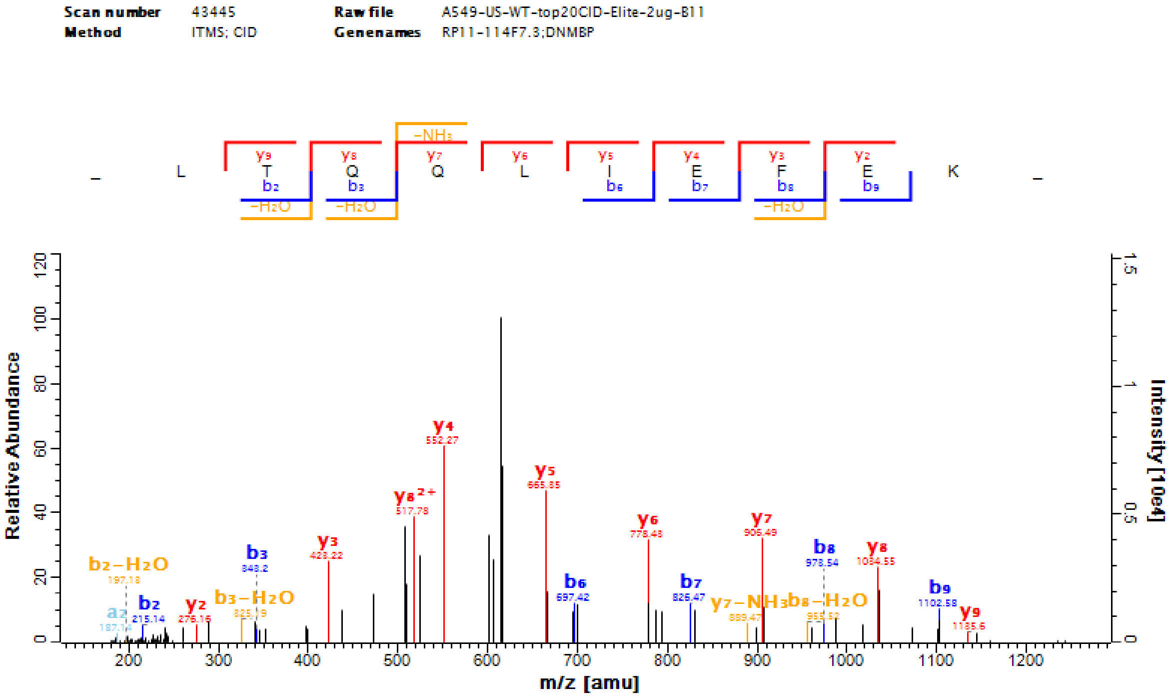


Scan number	18293	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	FAM26F

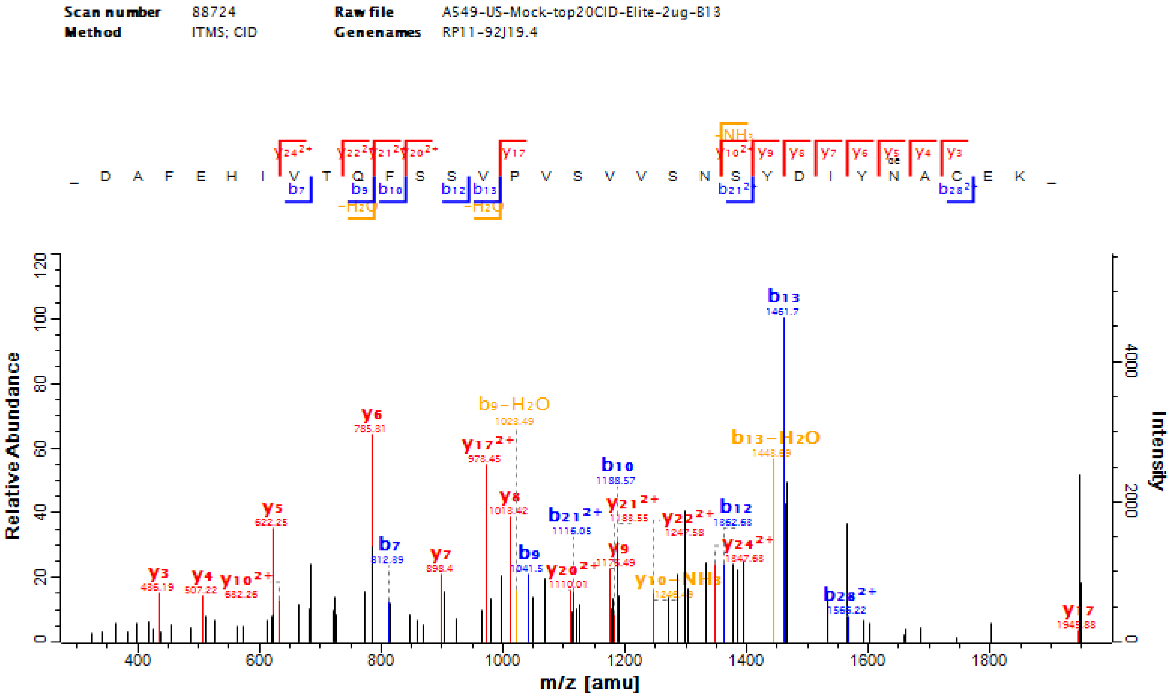
Protein Group ID: 3655
Protein Accession Numbers: Q9HB21; Q5RGS4; Q9HB21-2
Gene Names: PLEKHA1
Peptide Sequence: TDIVGGVPIITPTQK
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 115.1
Best Match Posterior Error Probability: 9.08E-05
Best Match Spectrum:



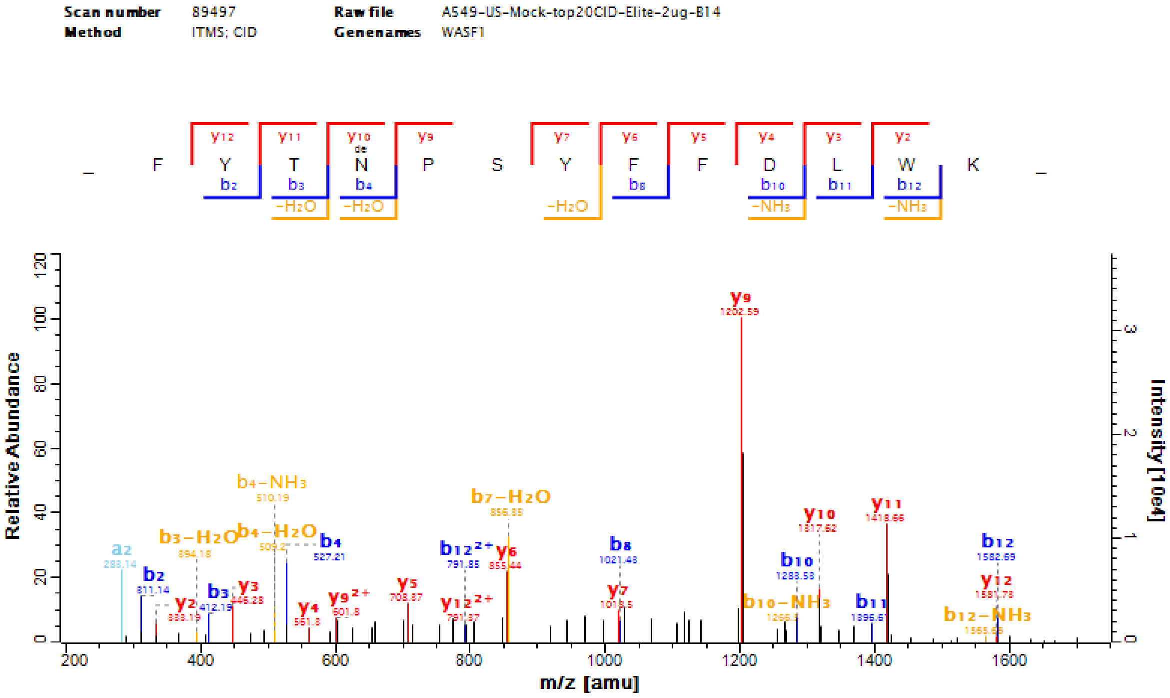
Protein Group ID: 3660
Protein Accession Numbers: Q5SVK8; Q6XZF7
Gene Names: RP11-114F7.3;DNMBP
Peptide Sequence: LTQQLIEFEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 130.56
Best Match Posterior Error Probability: 2.73E-05
Best Match Spectrum:



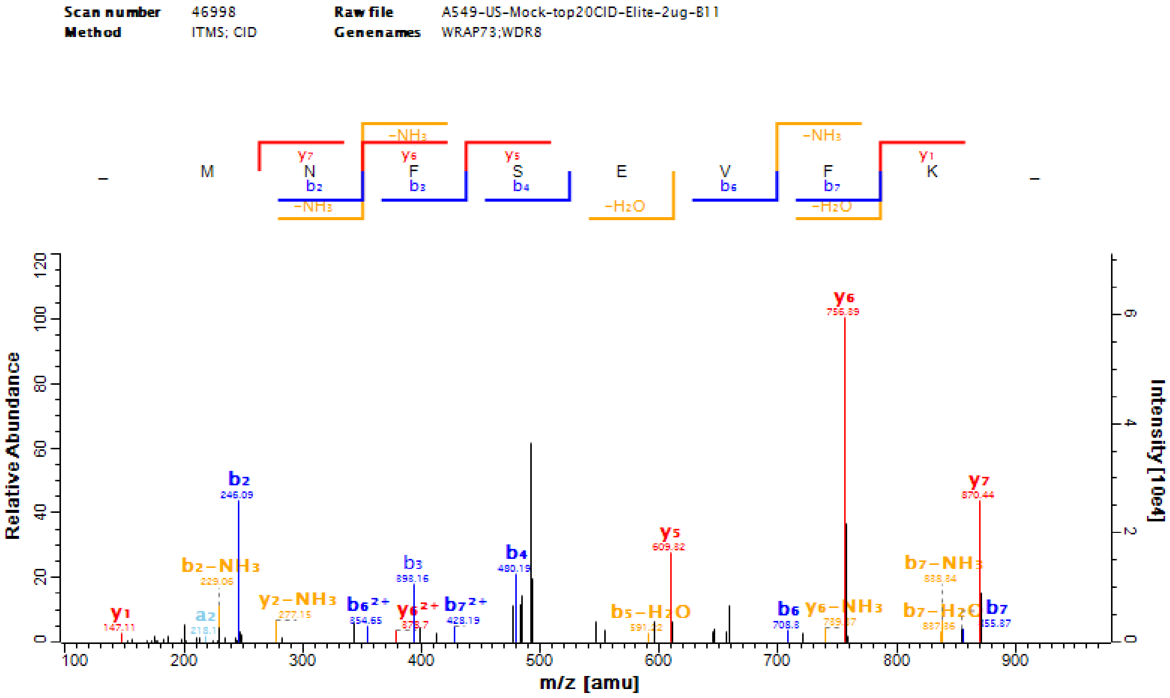
Protein Group ID: 3666
Protein Accession Numbers: Q5SYT8
Gene Names: RP11-92J19.4
Peptide Sequence: DAFEHIVTQFSSVPVSVVSNSYDIYNACEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 71.528
Best Match Posterior Error Probability: 0.00013461
Best Match Spectrum:



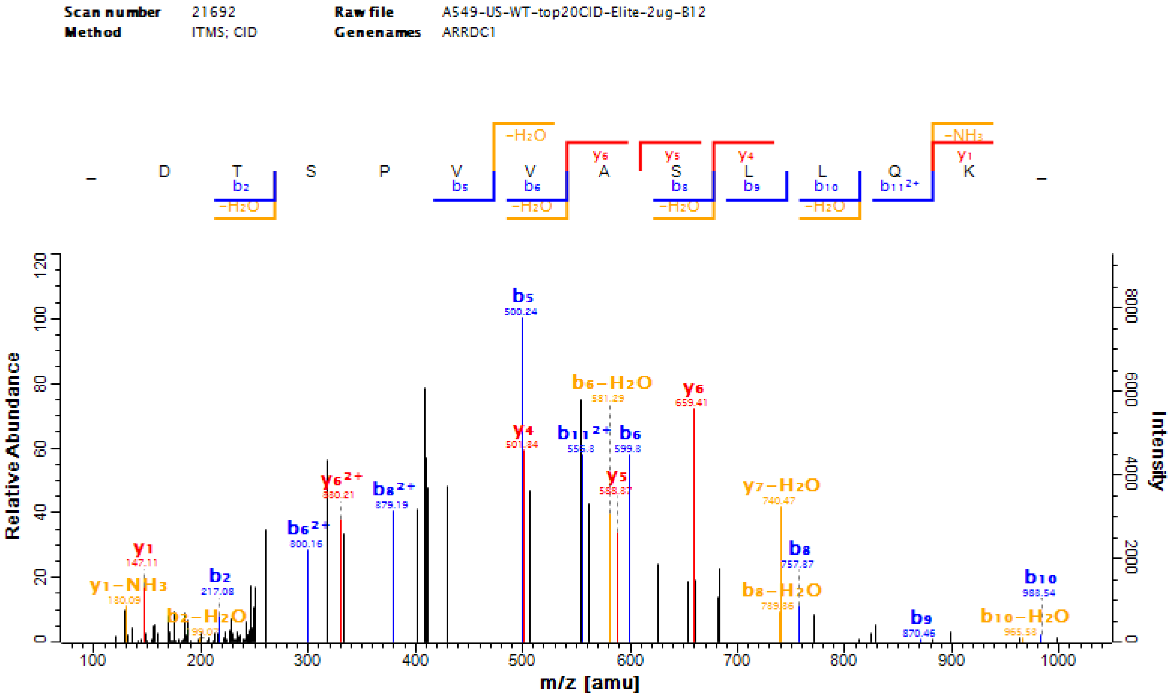
Protein Group ID: 3667
Protein Accession Numbers: Q92558; Q5SZK5
Gene Names: WASF1
Peptide Sequence: FYTNPSYFFDLWK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 166.38
Best Match Posterior Error Probability: 3.00E-09
Best Match Spectrum:



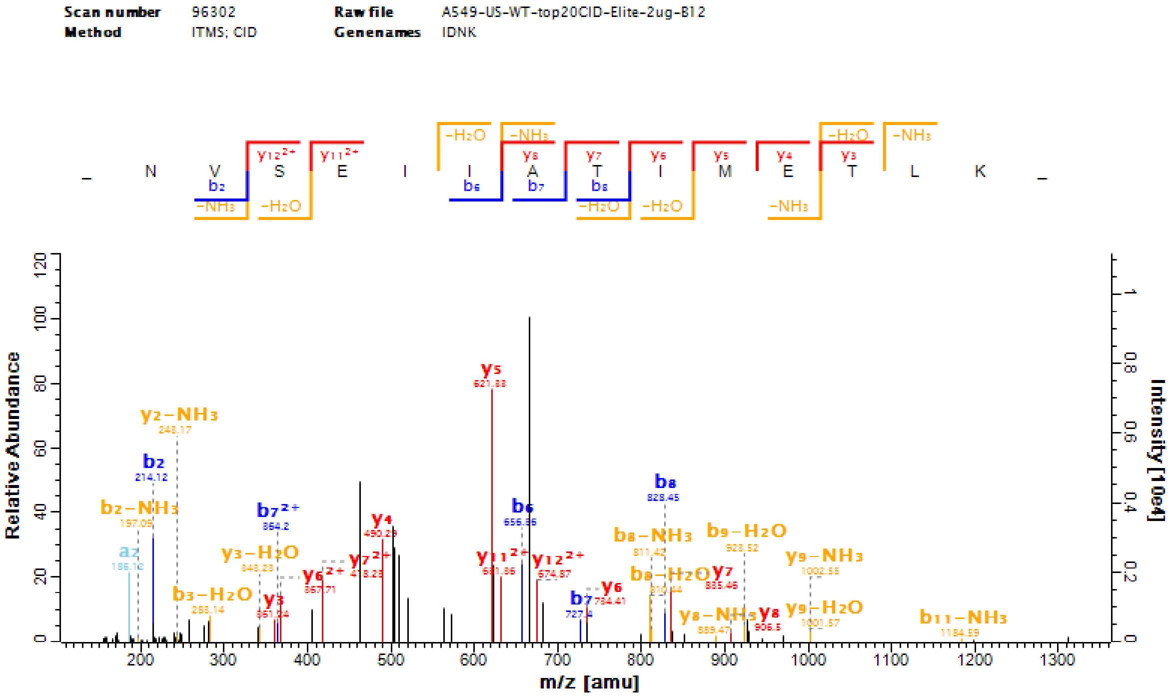
Protein Group ID: 3669
Protein Accession Numbers: Q9P2S5; Q5T0D5; Q5TBW1
Gene Names: WRAP73;WDR8
Peptide Sequence: MNFSEVFK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 113.18
Best Match Posterior Error Probability: 0.0026419
Best Match Spectrum:



Protein Group ID: 3677
Protein Accession Numbers: Q8N5I2; Q5T370
Gene Names: ARRDC1
Peptide Sequence: DTSPVVASLLQK
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 92.611
Best Match Posterior Error Probability: 0.0011691
Best Match Spectrum:

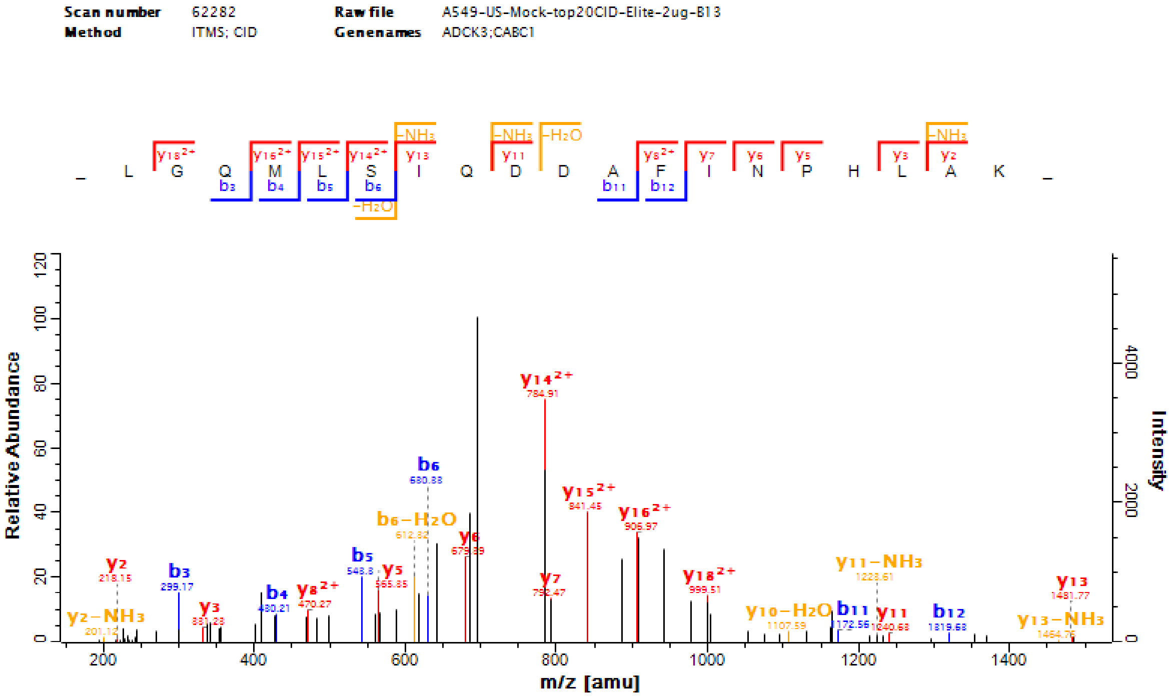


Protein Group ID: 3684
Protein Accession Numbers: Q5T6J7-2; Q5T6J7; Q5T6J7-3
Gene Names: IDNK
Peptide Sequence: NVSEIIATIMETLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 96.866
Best Match Posterior Error Probability: 0.00054379
Best Match Spectrum:

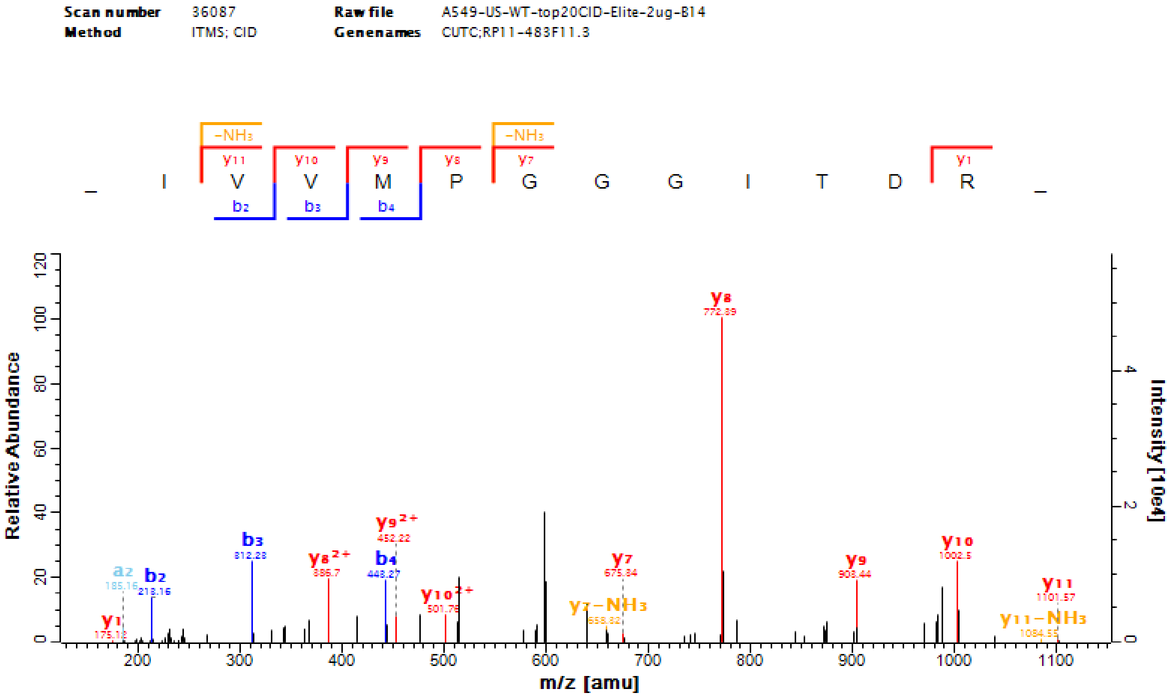


Scan number 96302 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** IDNK

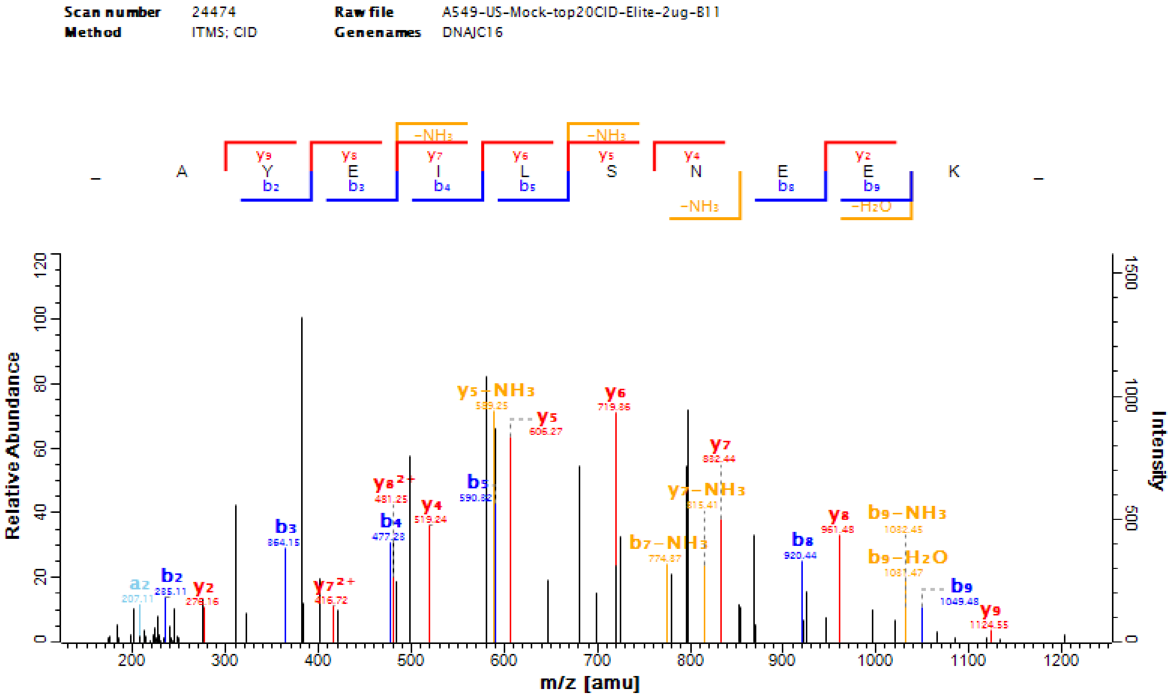
Protein Group ID: 3686
Protein Accession Numbers: Q8NI60; Q8NI60-3; Q5T7A4; Q5T7A2
Gene Names: ADCK3;CABC1
Peptide Sequence: LGQMLSIQDDAFINPHLAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 87.388
Best Match Posterior Error Probability: 0.00032391
Best Match Spectrum:



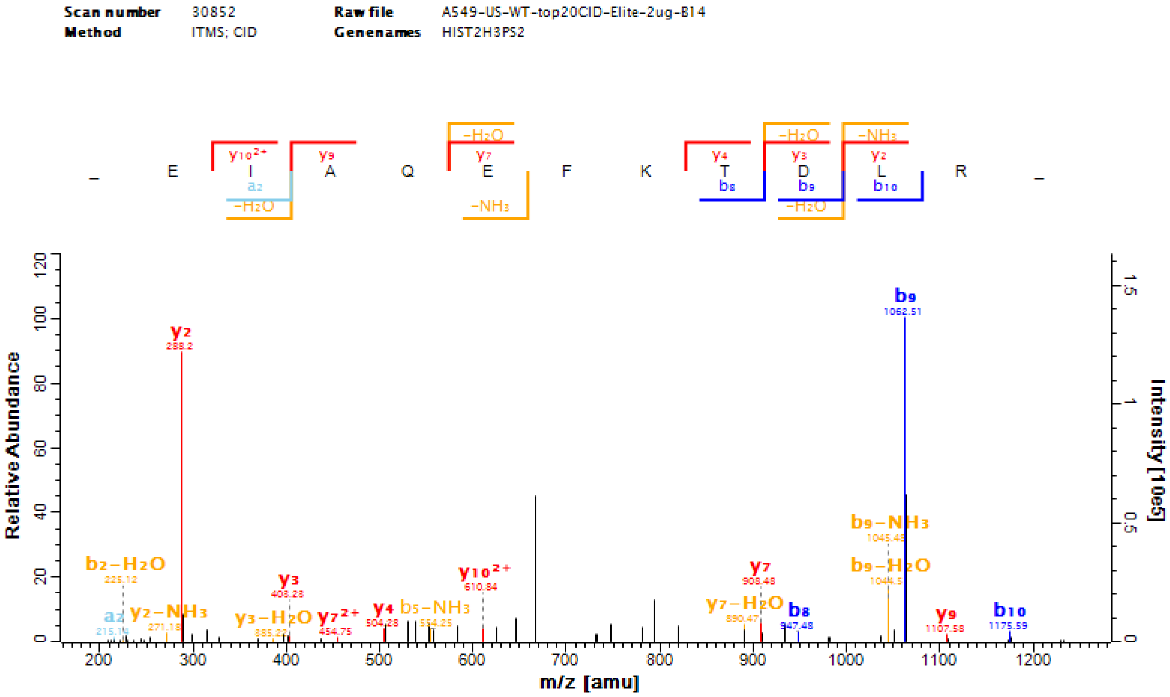
Protein Group ID: 3692
Protein Accession Numbers: Q9NTM9; Q5TCZ7
Gene Names: CUTC;RP11-483F11.3
Peptide Sequence: IVVMPGGGITDR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 89.548
Best Match Posterior Error Probability: 0.0014774
Best Match Spectrum:



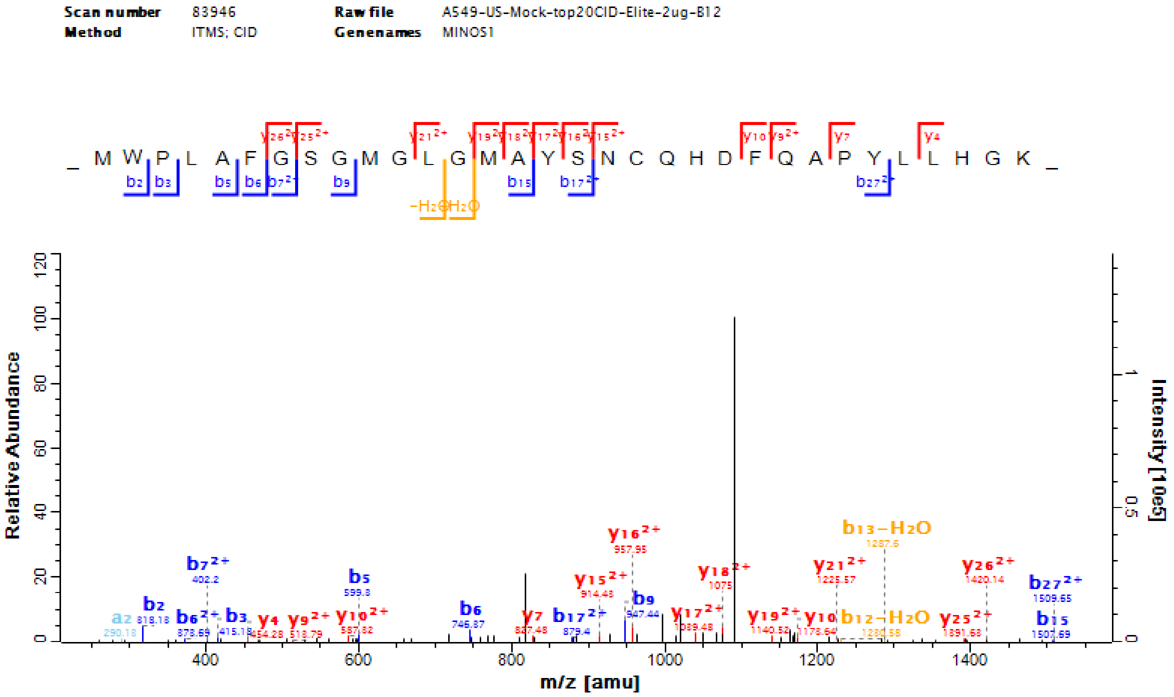
Protein Group ID: 3693
Protein Accession Numbers: Q9Y2G8; Q5TDH4; Q5TDG9
Gene Names: DNAJC16
Peptide Sequence: AYEILSNEEK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 121.36
Best Match Posterior Error Probability: 9.79E-05
Best Match Spectrum:



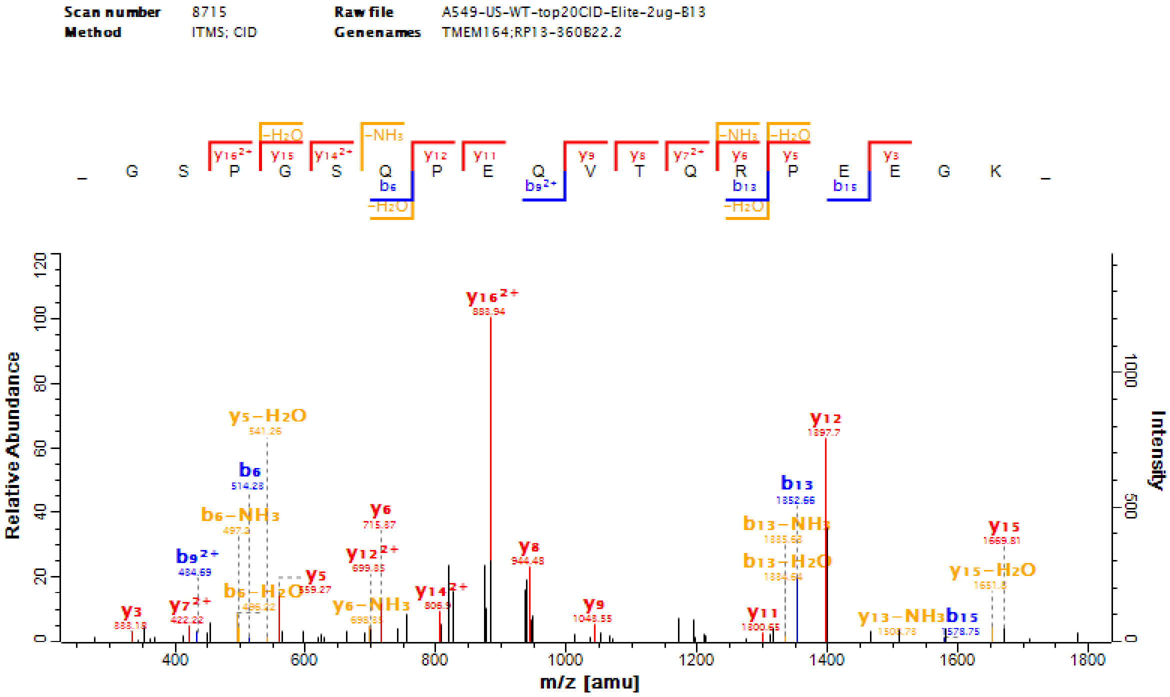
Protein Group ID: 3696
Protein Accession Numbers: Q5TEC6
Gene Names: HIST2H3PS2
Peptide Sequence: EIAQEFKTDLR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 96.113
Best Match Posterior Error Probability: 0.0038382
Best Match Spectrum:



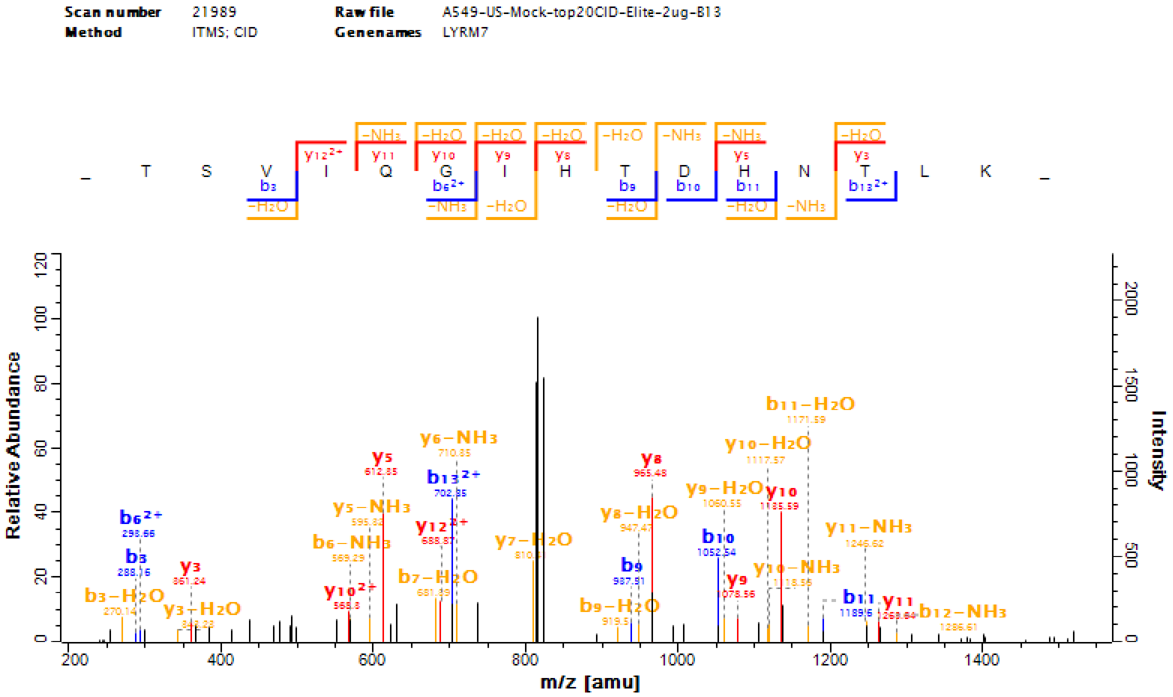
Protein Group ID: 3700
Protein Accession Numbers: Q5TGZ0
Gene Names: MINOS1
Peptide Sequence: MWPLAFGSGMGLGMAYSNCQHDFQAPYLLHGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 68.192
Best Match Posterior Error Probability: 1.64E-05
Best Match Spectrum:



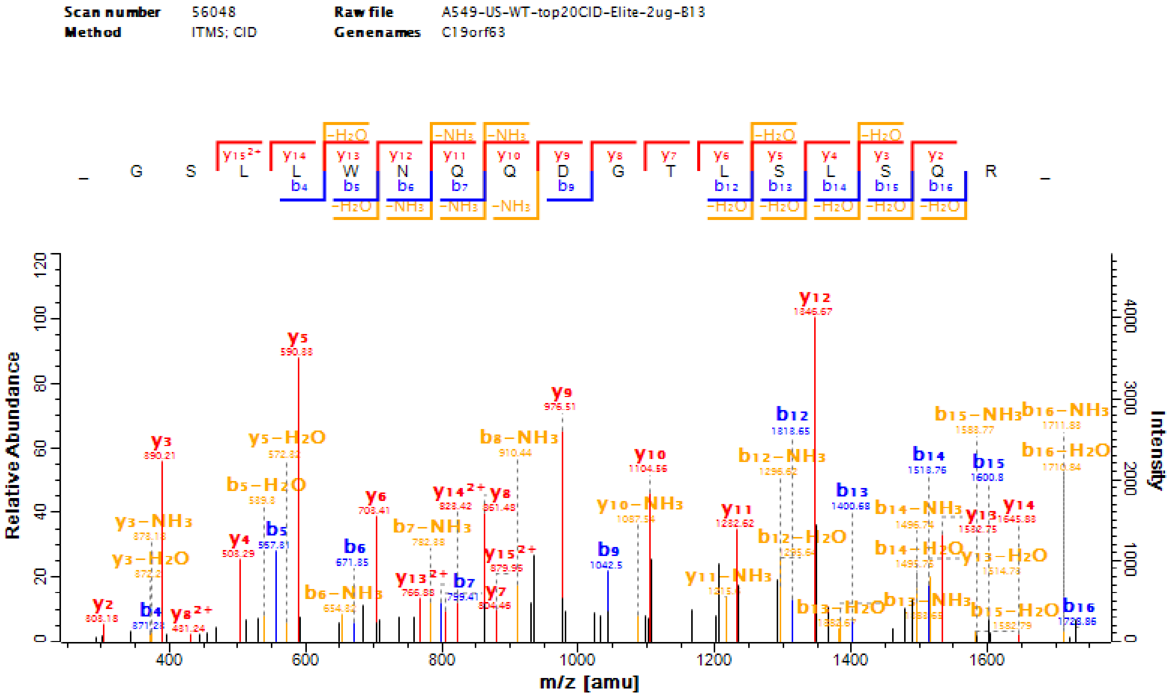
Protein Group ID: 3701
Protein Accession Numbers: Q5U3C3; Q9H617
Gene Names: TMEM164;RP13-360B22.2
Peptide Sequence: GSPGSQPEQVTQRPEEGK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 97.291
Best Match Posterior Error Probability: 0.00098005
Best Match Spectrum:



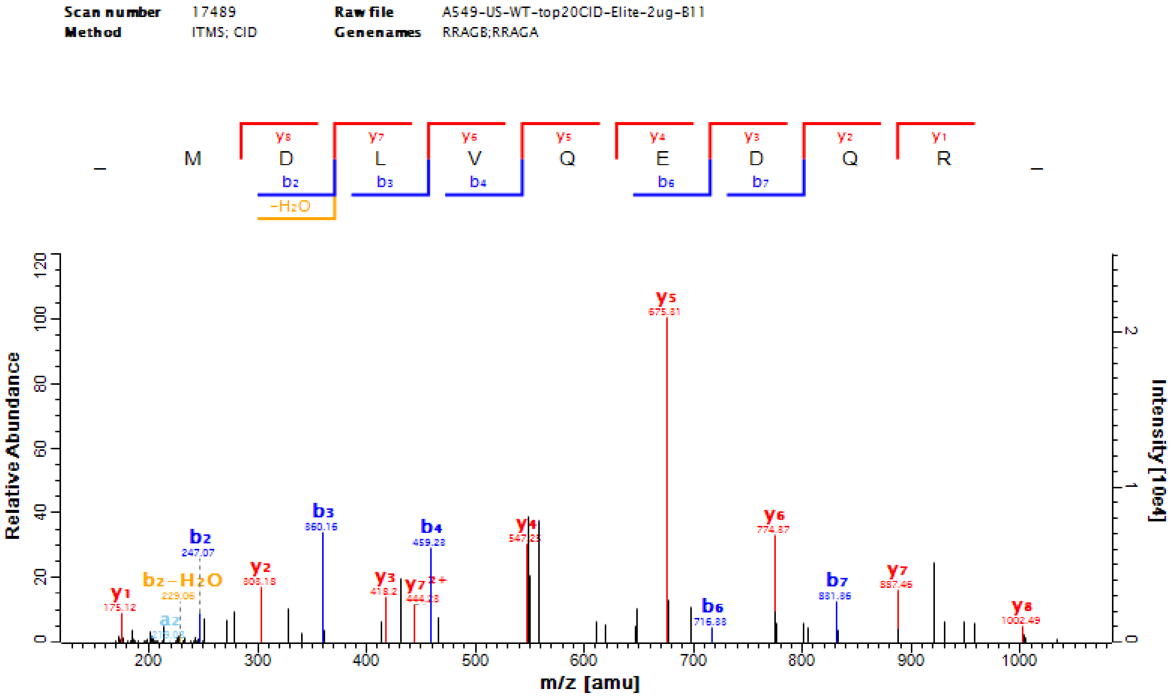
Protein Group ID: 3702
Protein Accession Numbers: Q5U5X0
Gene Names: LYRM7
Peptide Sequence: TSVIQGIHTDHNTLK
Total Number of Spectra: 7
Number of Replicates (out of 8): 5
Best Match Score: 134.61
Best Match Posterior Error Probability: 2.69E-05
Best Match Spectrum:



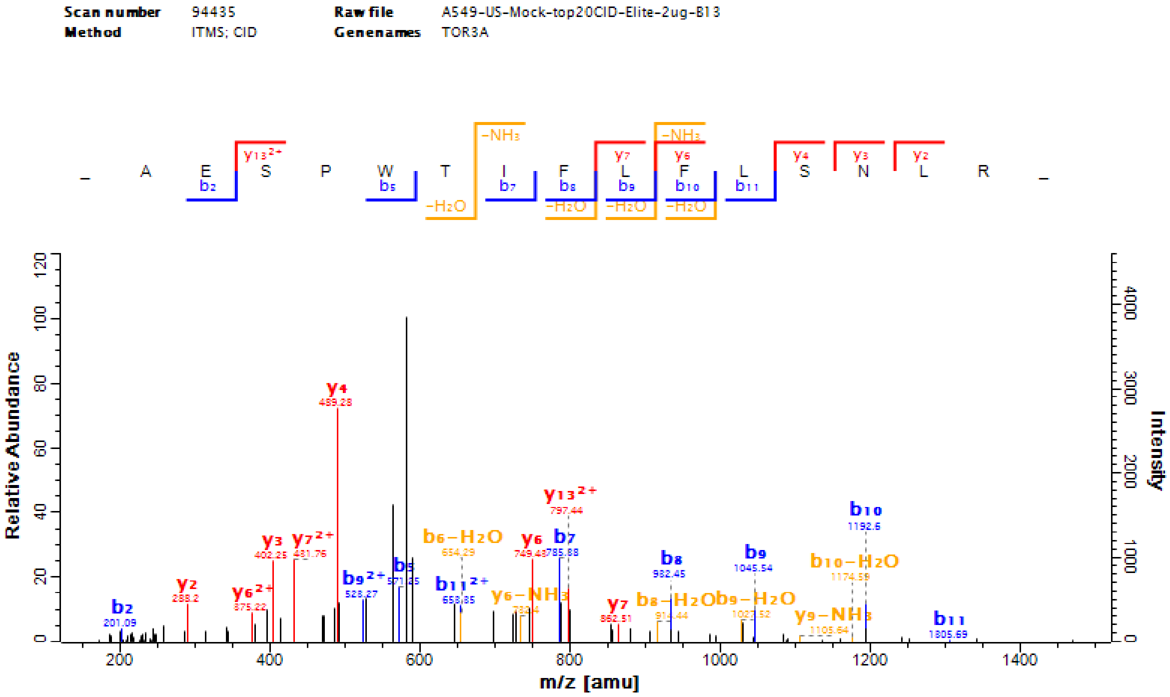
Protein Group ID: 3703
Protein Accession Numbers: Q5UCC4; Q5UCC4-2
Gene Names: C19orf63
Peptide Sequence: GSLLWNQQDGTLSLSQR
Total Number of Spectra: 8
Number of Replicates (out of 8): 7
Best Match Score: 294.93
Best Match Posterior Error Probability: 2.89E-162
Best Match Spectrum:



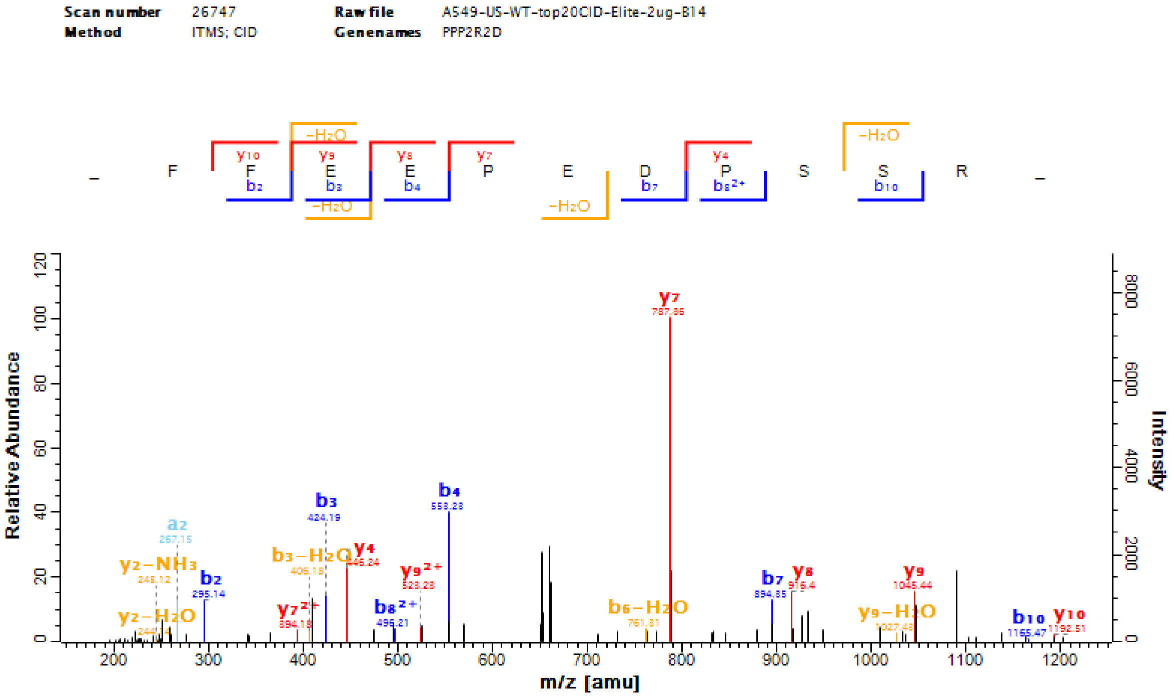
Protein Group ID: 3720
Protein Accession Numbers: Q5VZM2; Q5VZM2-2; Q7L523; Q5VZM0
Gene Names: RRAGB;RRAGA
Peptide Sequence: MDLVQEDQR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 91.549
Best Match Posterior Error Probability: 0.0035899
Best Match Spectrum:



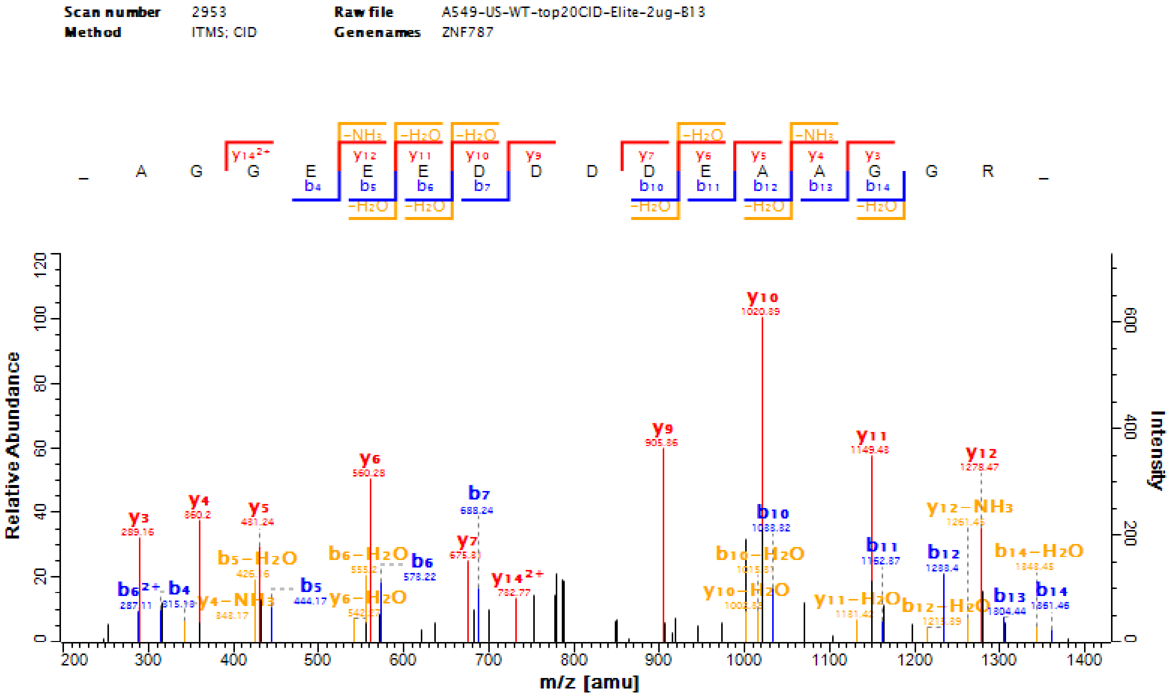
Protein Group ID: 3721
Protein Accession Numbers: Q9H497; Q9H497-2; Q9H497-3; Q5W0C6
Gene Names: TOR3A
Peptide Sequence: AESPWTIFLFLSNLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 126.95
Best Match Posterior Error Probability: 7.84E-05
Best Match Spectrum:



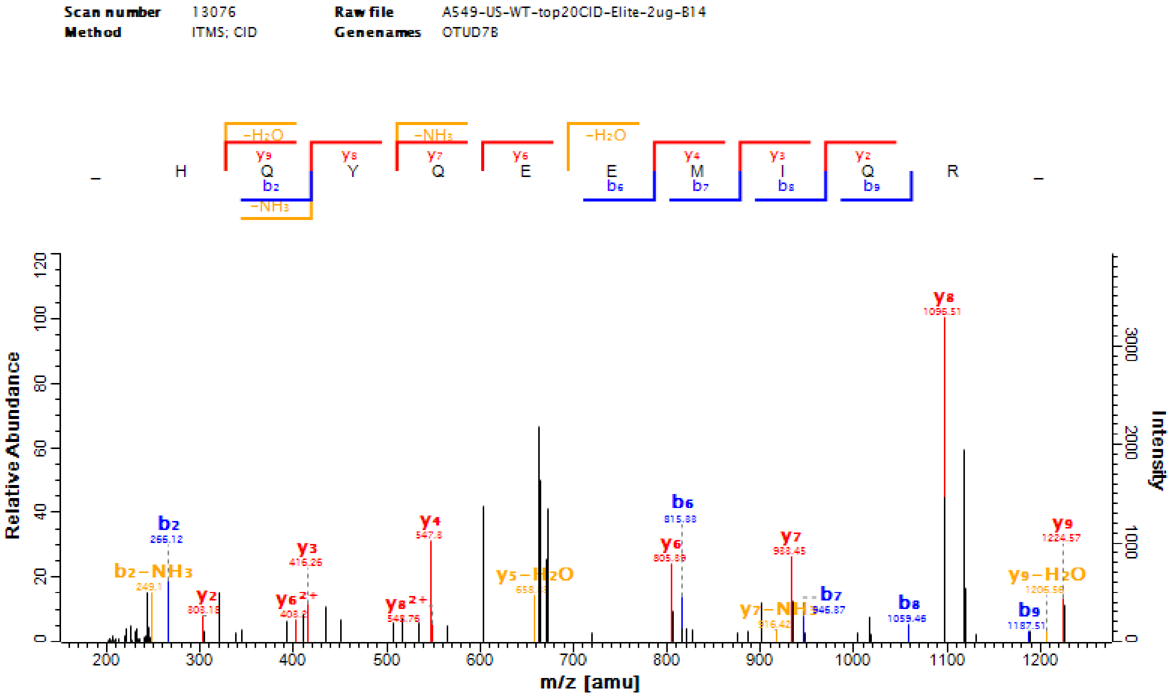
Protein Group ID: 3729
Protein Accession Numbers: Q66LE6; F5GXJ6
Gene Names: PPP2R2D
Peptide Sequence: FFEEPEDPSSR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 86.344
Best Match Posterior Error Probability: 0.0020358
Best Match Spectrum:



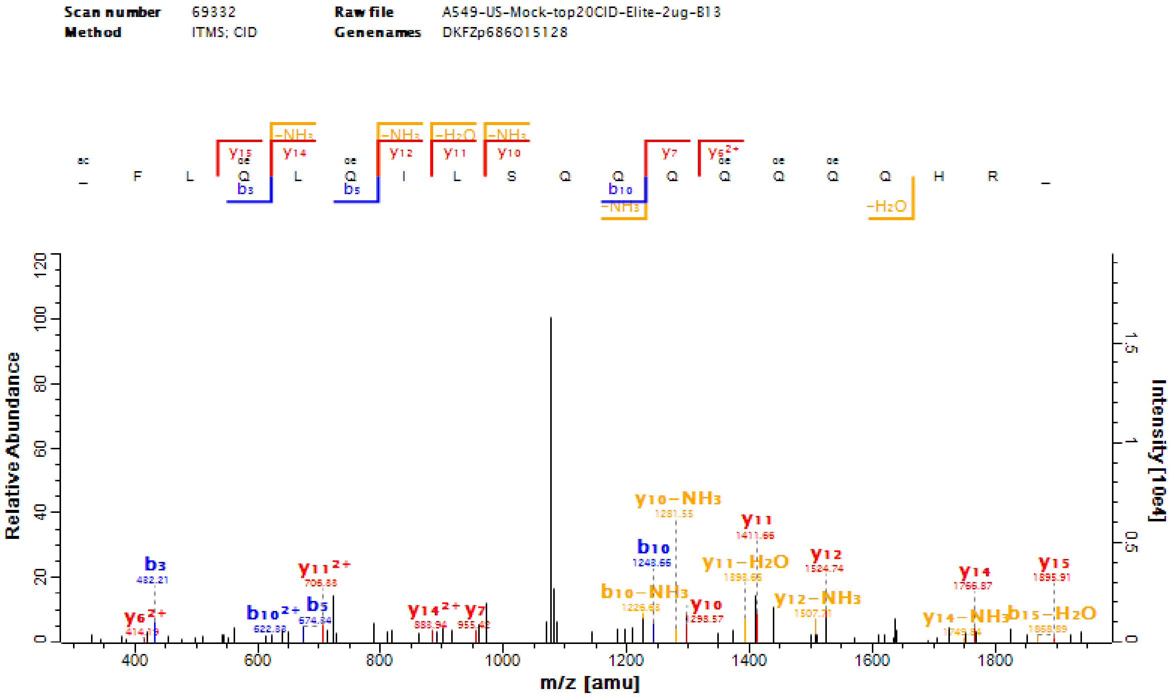
Protein Group ID: 3737
Protein Accession Numbers: Q6DD87
Gene Names: ZNF787
Peptide Sequence: AGGEEEDDDDEAAGGR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 171.26
Best Match Posterior Error Probability: 4.44E-14
Best Match Spectrum:



Protein Group ID: 3745
Protein Accession Numbers: Q6GQQ9
Gene Names: OTUD7B
Peptide Sequence: HQYQEEMIQR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 104.82
Best Match Posterior Error Probability: 0.00057121
Best Match Spectrum:

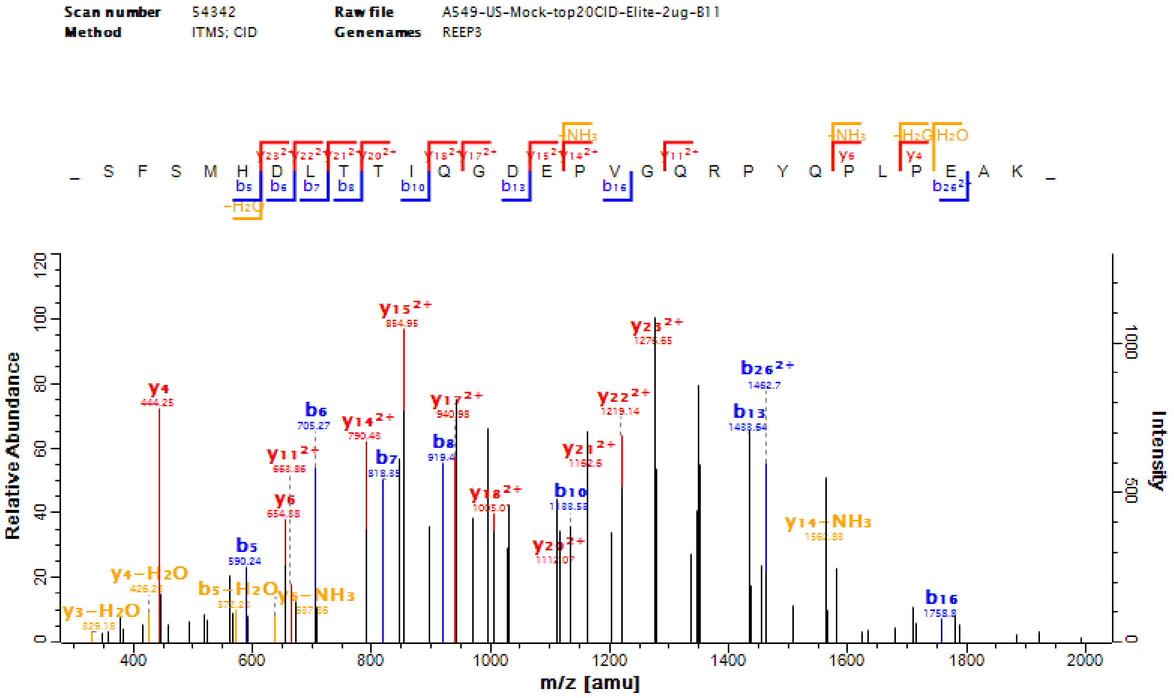


Protein Group ID: 3754
Protein Accession Numbers: Q6N065
Gene Names: DKFZp686O15128
Peptide Sequence: FLQLQILSQQQQQQHR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 74.296
Best Match Posterior Error Probability: 0.00036652
Best Match Spectrum:

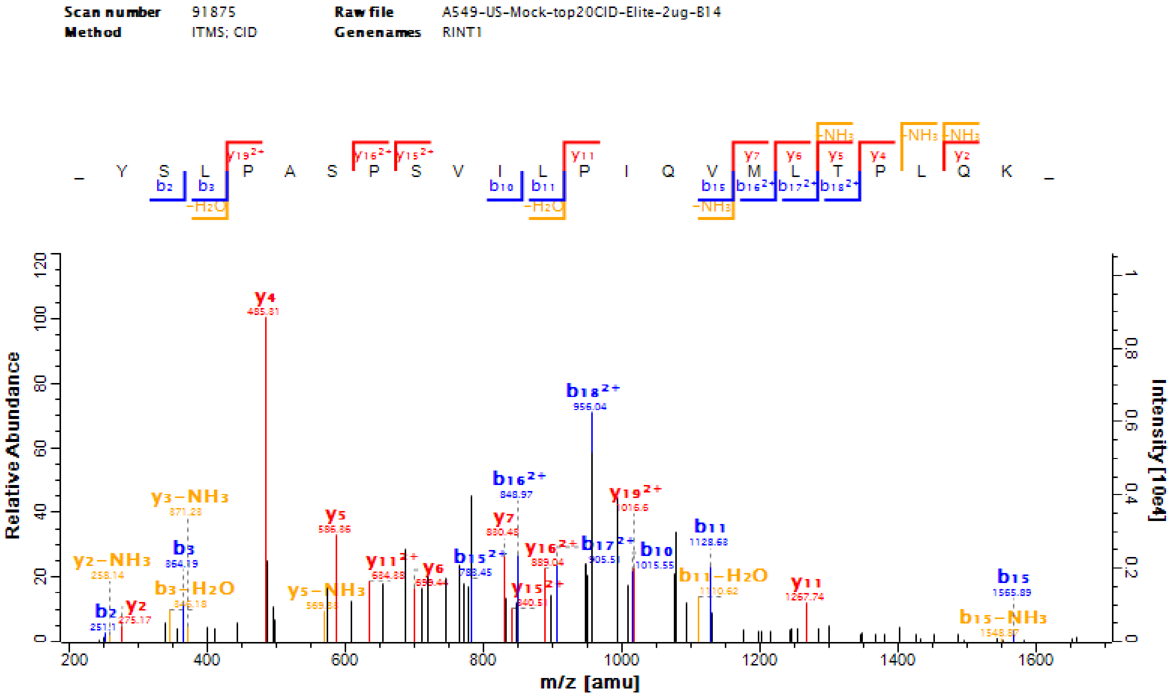


Scan number 69332 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** DKFZp686O15128

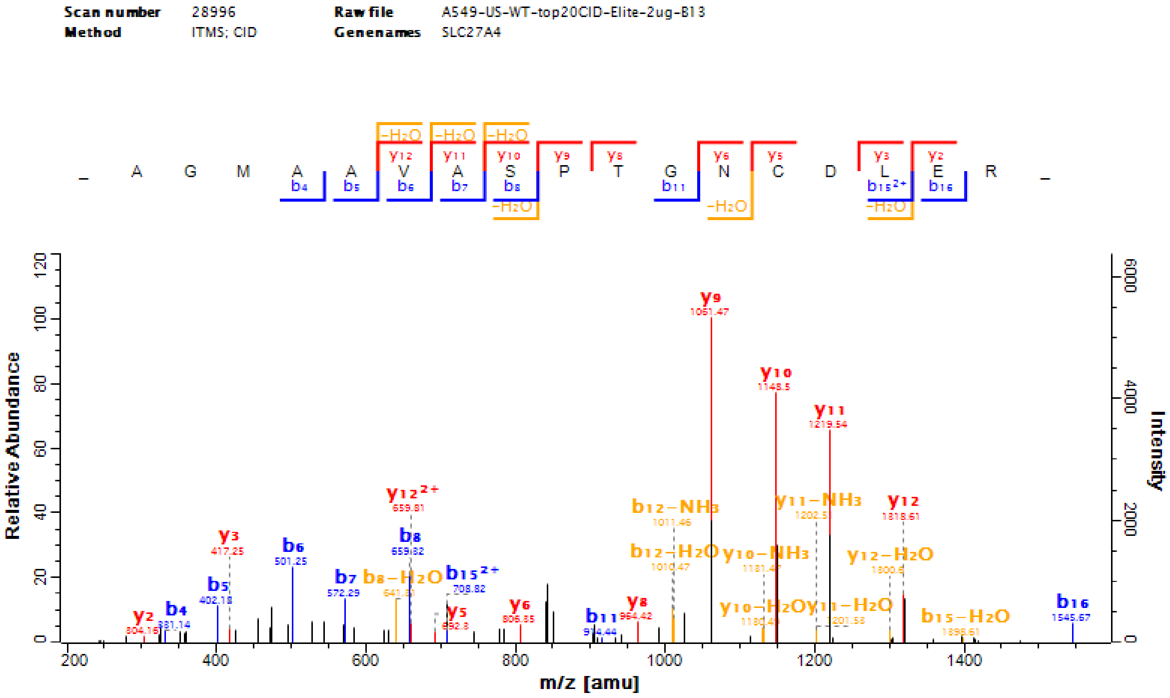
Protein Group ID: 3757
Protein Accession Numbers: Q6NUK4
Gene Names: REEP3
Peptide Sequence: SFSMHDLTTIQGDEPVGQRPYQPLPEAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 73.831
Best Match Posterior Error Probability: 0.00036063
Best Match Spectrum:



Protein Group ID: 3758
Protein Accession Numbers: Q6NUQ1
Gene Names: RINT1
Peptide Sequence: YSLPASPSVILPIQVMLTPLQK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 106.67
Best Match Posterior Error Probability: 4.19E-06
Best Match Spectrum:

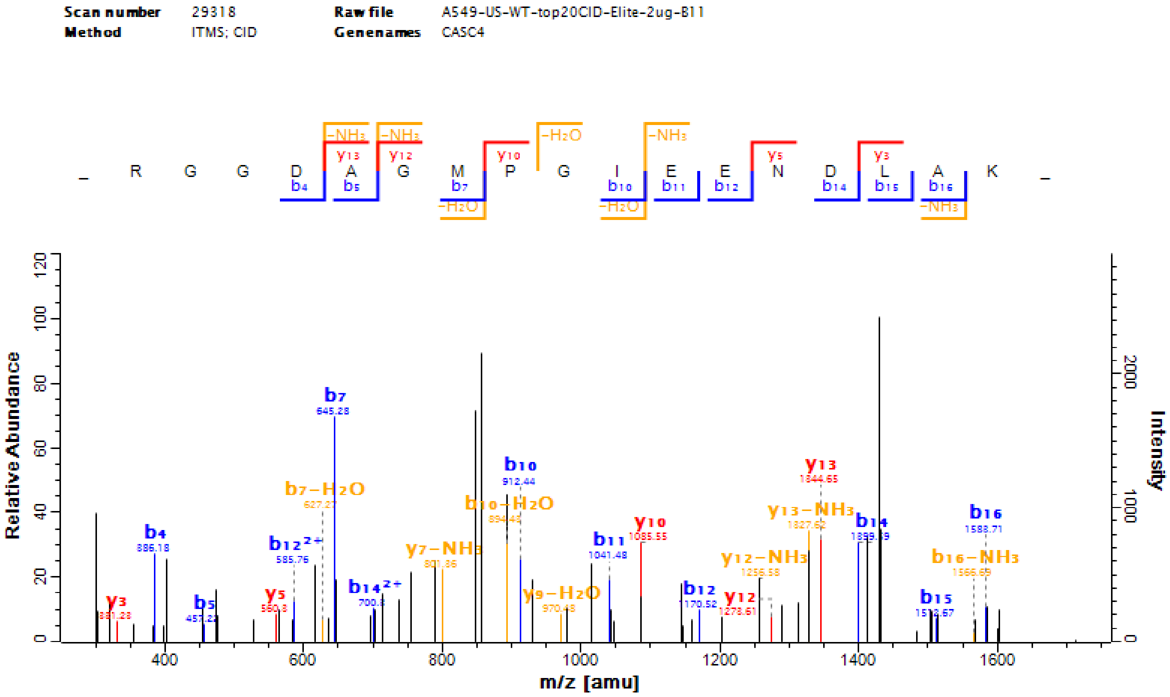


Protein Group ID: 3768
Protein Accession Numbers: Q6P1M0; Q96G53
Gene Names: SLC27A4
Peptide Sequence: AGMAAVASPTGNCDLER
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 110.84
Best Match Posterior Error Probability: 9.66E-05
Best Match Spectrum:

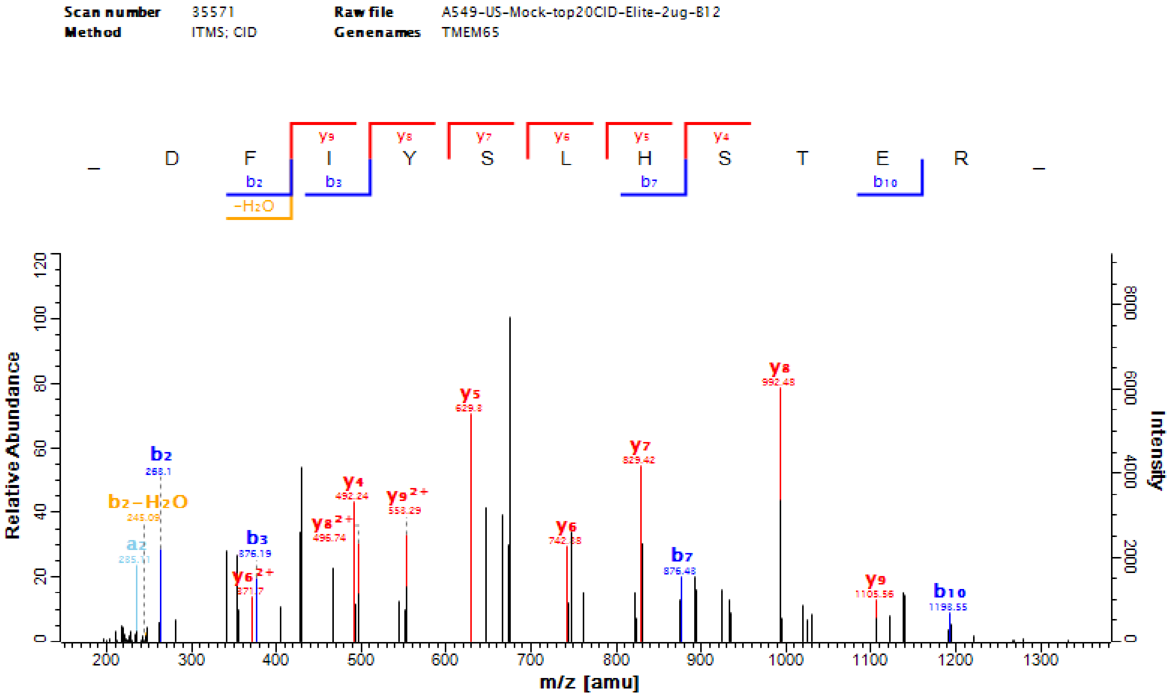


Scan number 28996 **Raw file** A549-US-WT-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** SLC27A4

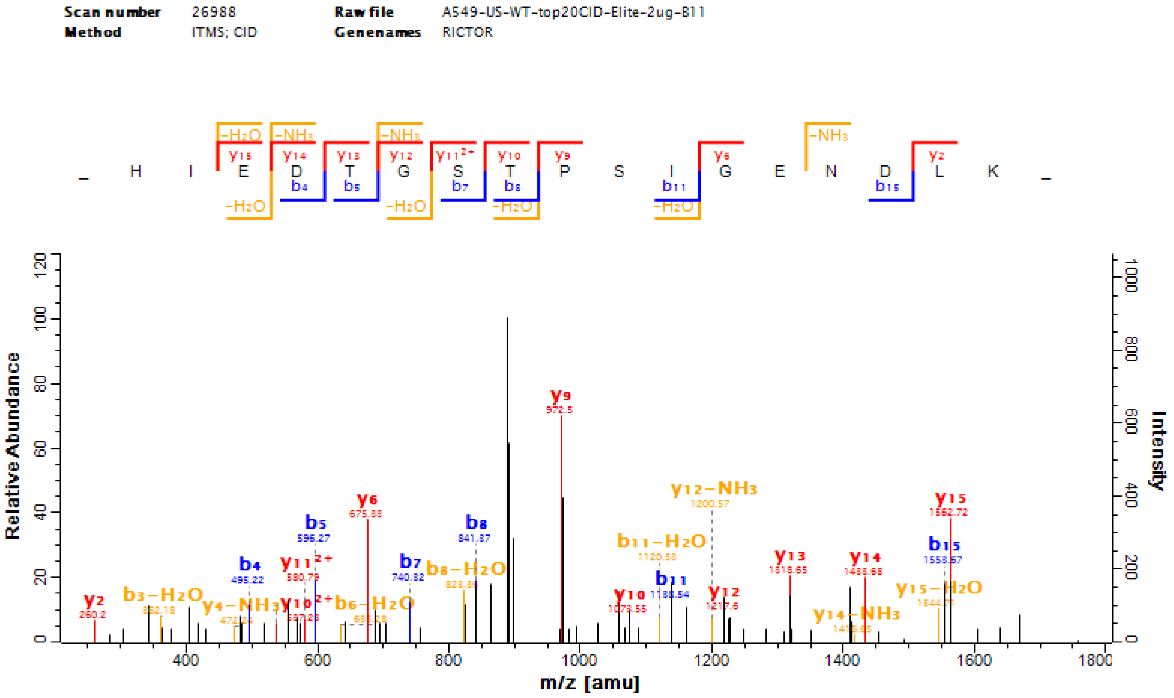
Protein Group ID: 3774
Protein Accession Numbers: Q6P4E1-4; Q6P4E1; Q6P4E1-2
Gene Names: CASC4
Peptide Sequence: RGGDAGMPGIEENDLAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 80.545
Best Match Posterior Error Probability: 0.0035143
Best Match Spectrum:



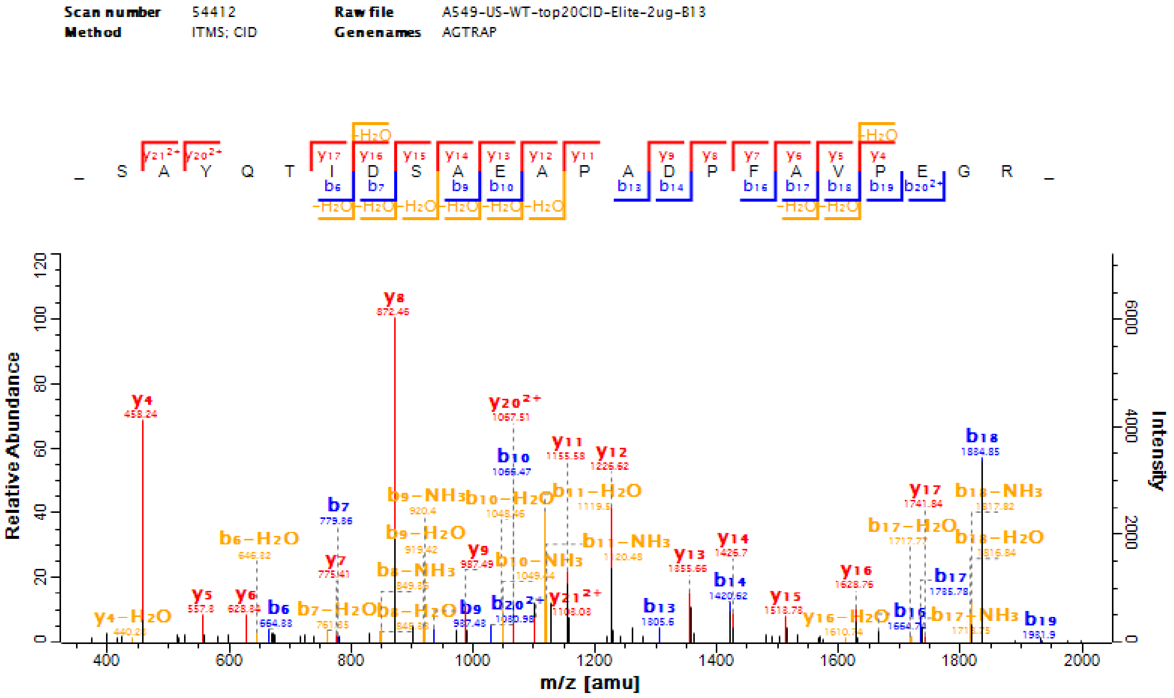
Protein Group ID: 3783
Protein Accession Numbers: Q6PI78
Gene Names: TMEM65
Peptide Sequence: DFIYSLHSTER
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 91.937
Best Match Posterior Error Probability: 0.0012764
Best Match Spectrum:



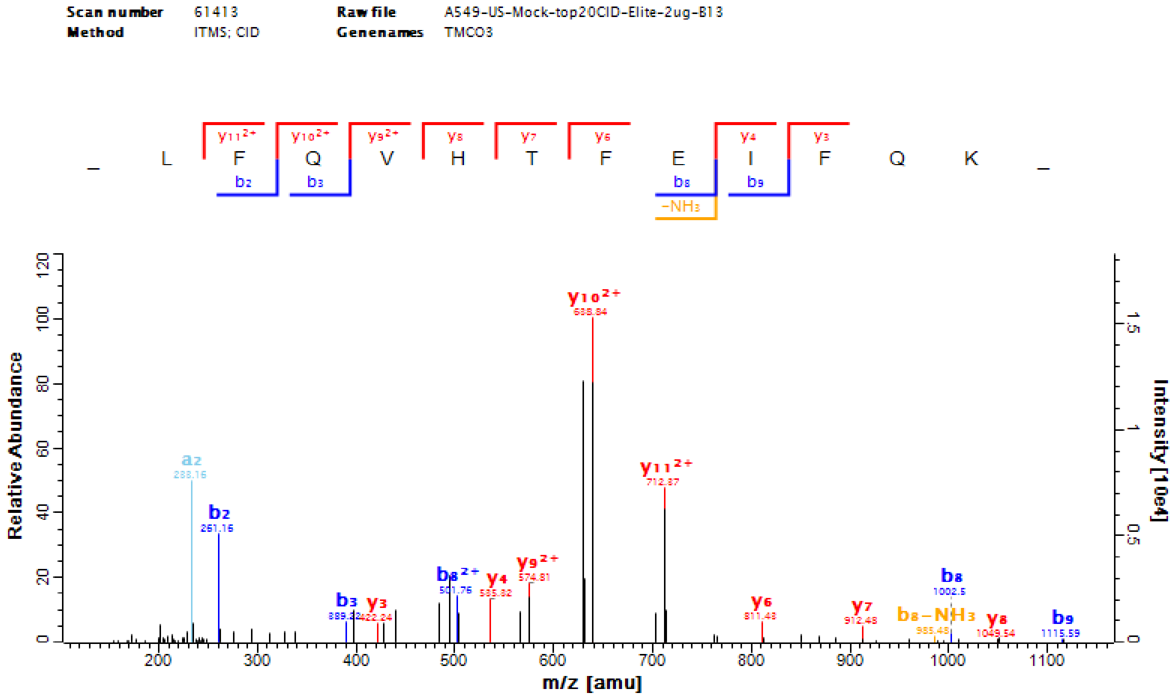
Protein Group ID: 3791
Protein Accession Numbers: Q6R327-3; Q6R327
Gene Names: RICTOR
Peptide Sequence: HIEDTGSTPSIGENDLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 85.988
Best Match Posterior Error Probability: 0.00069742
Best Match Spectrum:



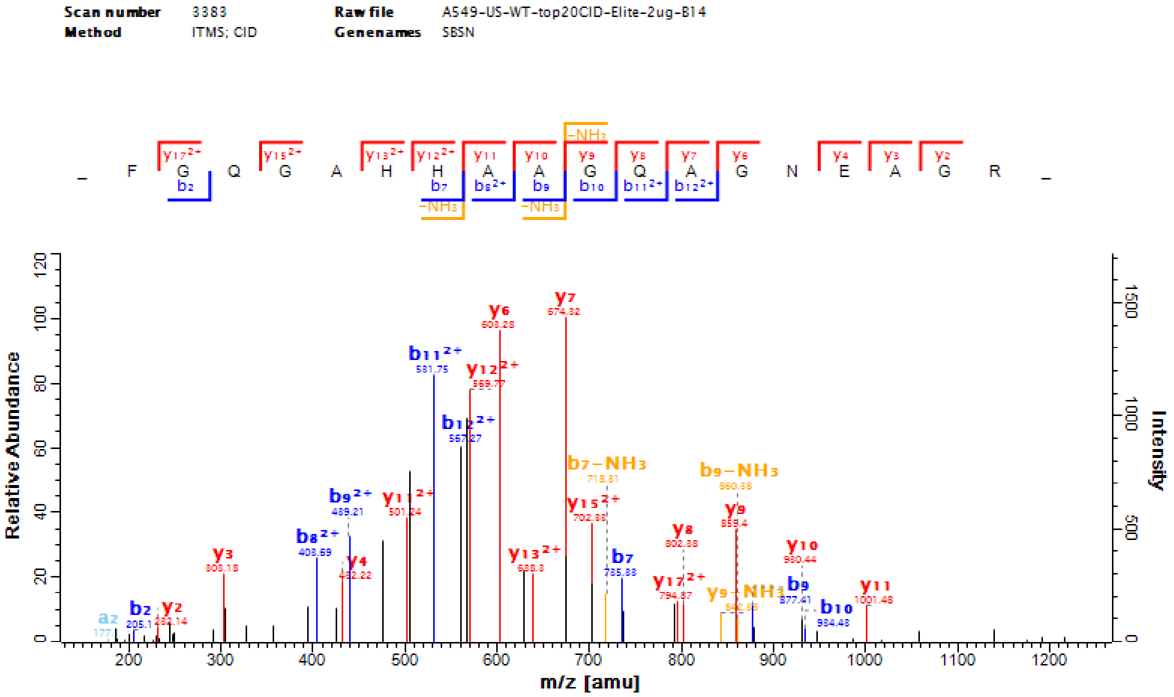
Protein Group ID: 3792
Protein Accession Numbers: Q6RW13; Q6RW13-2
Gene Names: AGTRAP
Peptide Sequence: SAYQTIDSAEAPADPFAVPEGR
Total Number of Spectra: 14
Number of Replicates (out of 8): 8
Best Match Score: 171.42
Best Match Posterior Error Probability: 1.15E-20
Best Match Spectrum:



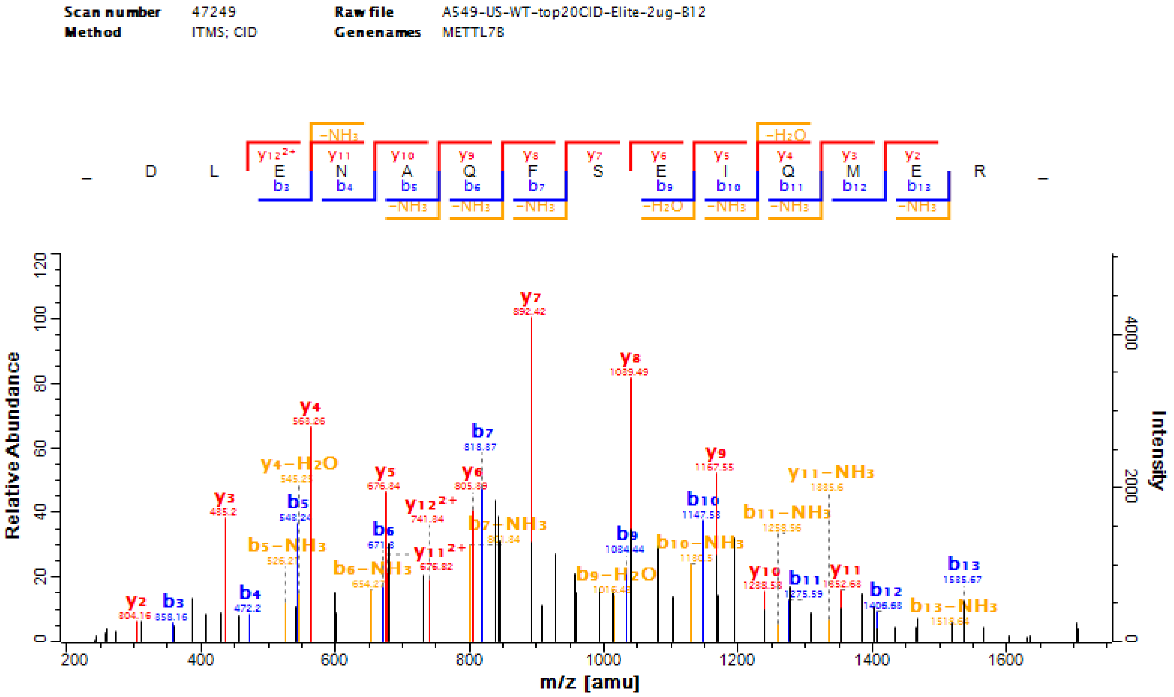
Protein Group ID: 3796
Protein Accession Numbers: Q6UWJ1; Q6UWJ1-2; Q6UWJ1-3
Gene Names: TMCO3
Peptide Sequence: LFQVHTFEIFQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 99.522
Best Match Posterior Error Probability: 0.00052363
Best Match Spectrum:



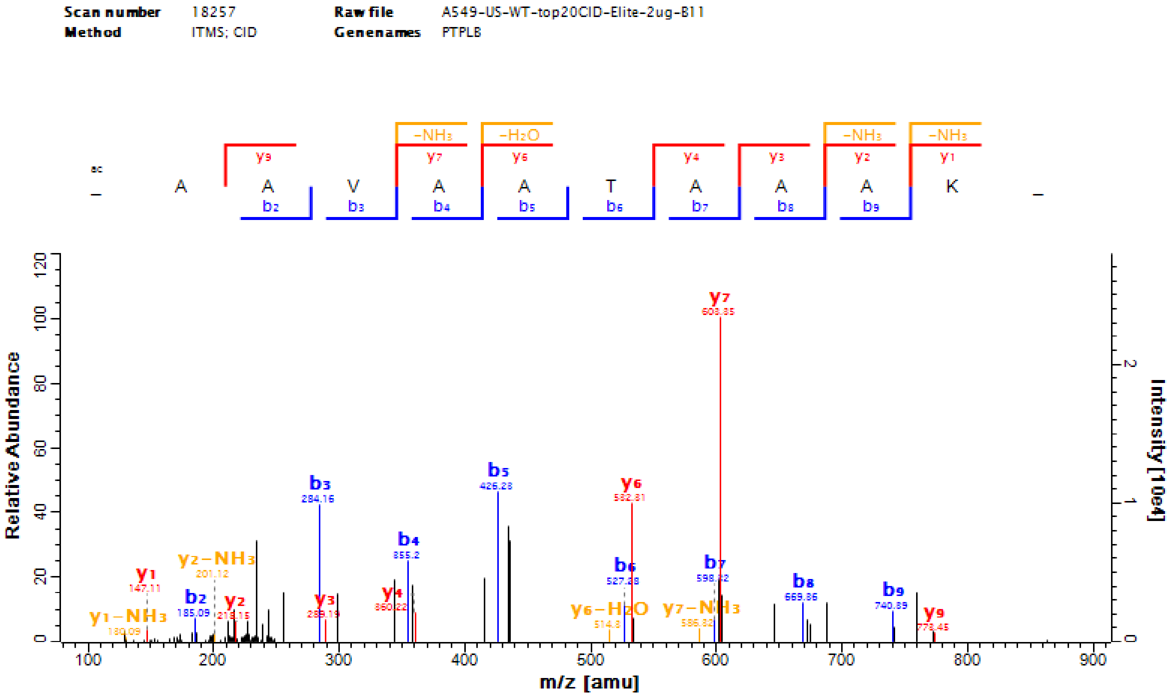
Protein Group ID: 3798
Protein Accession Numbers: Q6UWP8
Gene Names: SBSN
Peptide Sequence: FGQGAHHAAGQAGNEAGR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 127.18
Best Match Posterior Error Probability: 4.54E-05
Best Match Spectrum:



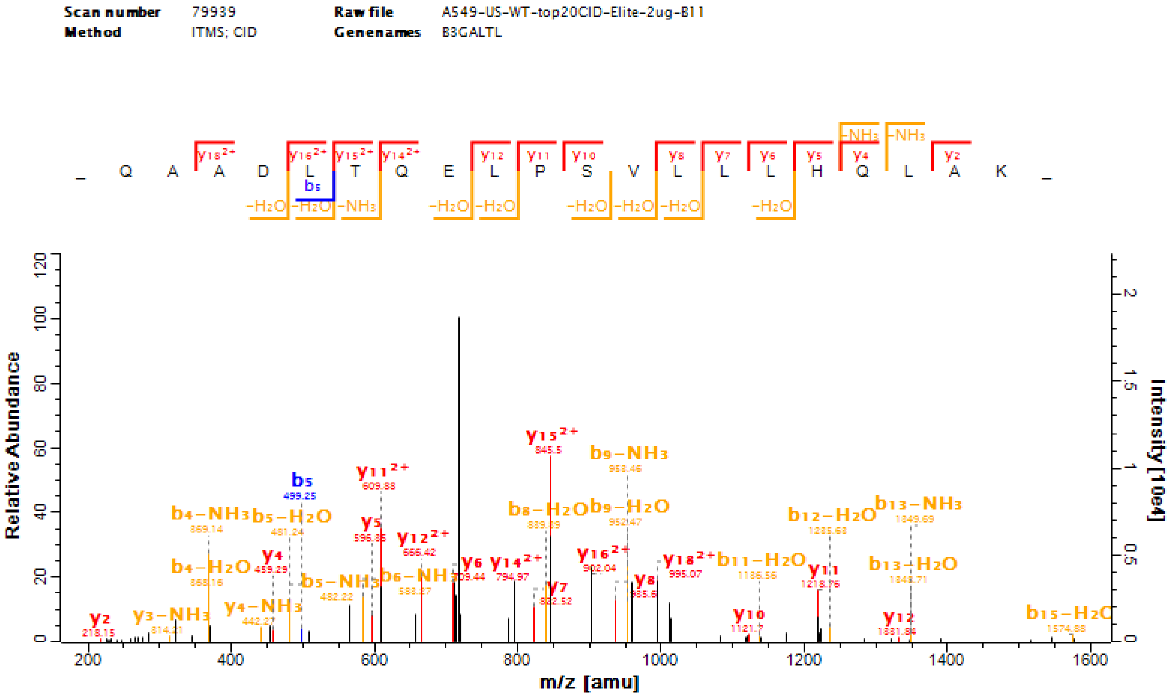
Protein Group ID: 3800
Protein Accession Numbers: Q6UX53
Gene Names: METTL7B
Peptide Sequence: DLENAQFSEIQMER
Total Number of Spectra: 10
Number of Replicates (out of 8): 7
Best Match Score: 168.1
Best Match Posterior Error Probability: 7.09E-11
Best Match Spectrum:



Protein Group ID: 3805
Protein Accession Numbers: Q6Y1H2
Gene Names: PTPLB
Peptide Sequence: AAVAATAAAK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 116.52
Best Match Posterior Error Probability: 0.00027971
Best Match Spectrum:

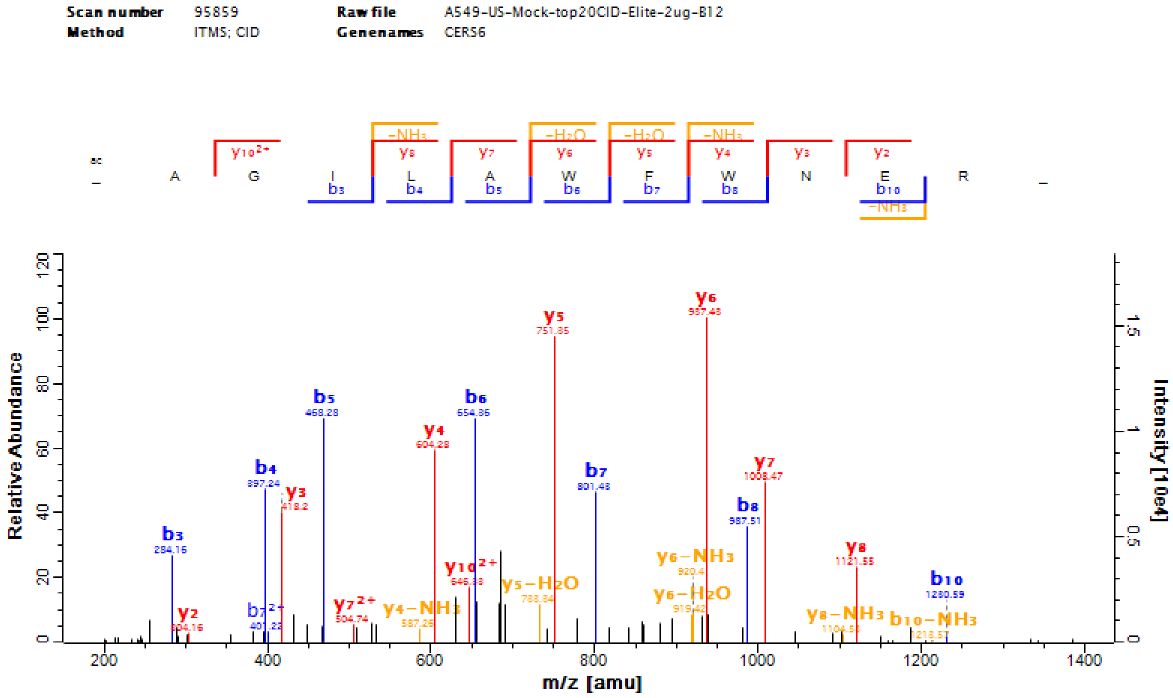


Protein Group ID: 3806
Protein Accession Numbers: Q6Y288
Gene Names: B3GALTL
Peptide Sequence: QAADLTQELPSVLLLHQLAK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 69.522
Best Match Posterior Error Probability: 0.0020361
Best Match Spectrum:

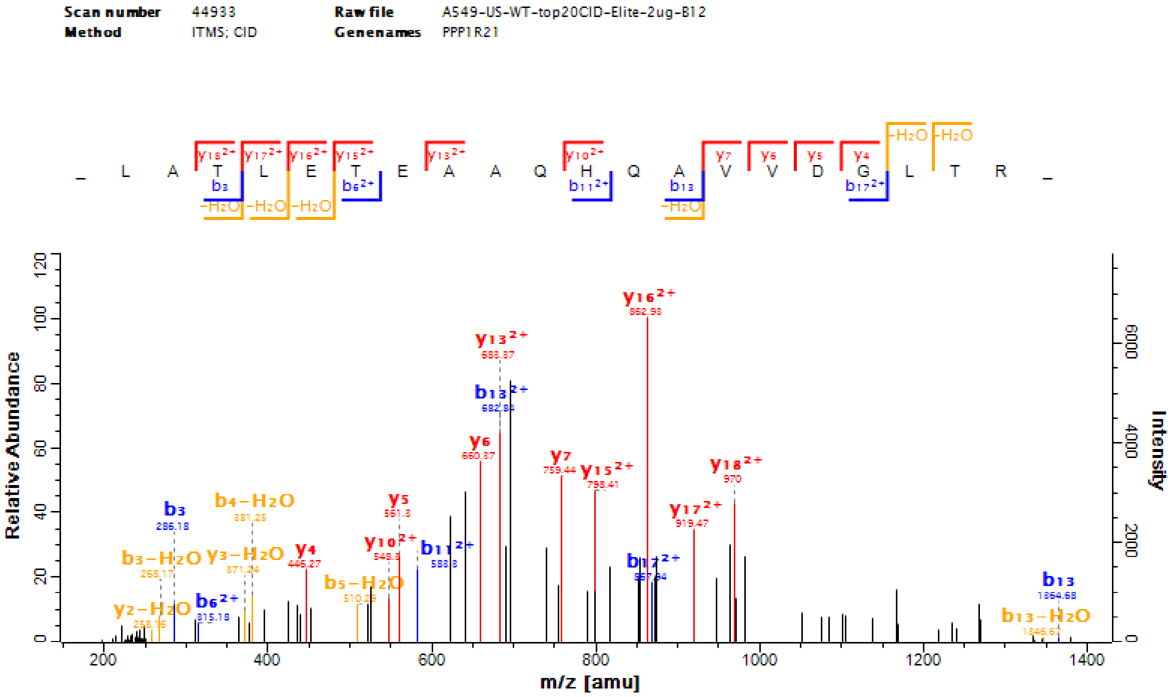


Scan number	79939	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	B3GALTL

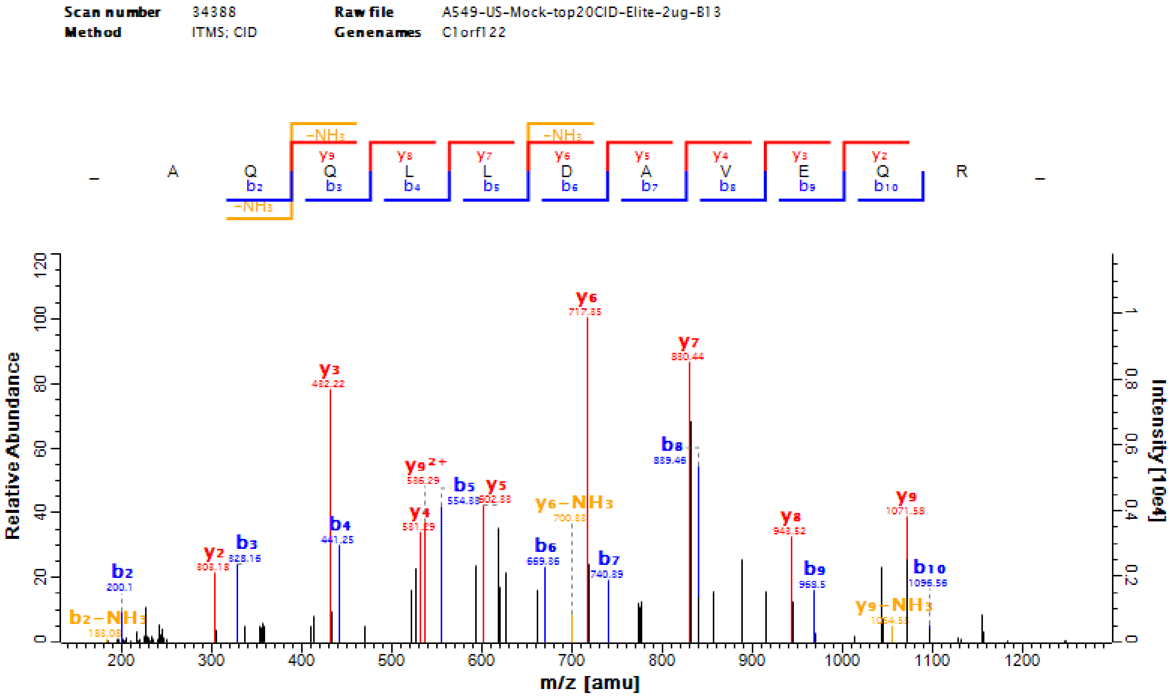
Protein Group ID: 3812
Protein Accession Numbers: Q6ZMG9-2; Q6ZMG9
Gene Names: CERS6
Peptide Sequence: AGILAWFWNER
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 174.98
Best Match Posterior Error Probability: 3.84E-23
Best Match Spectrum:



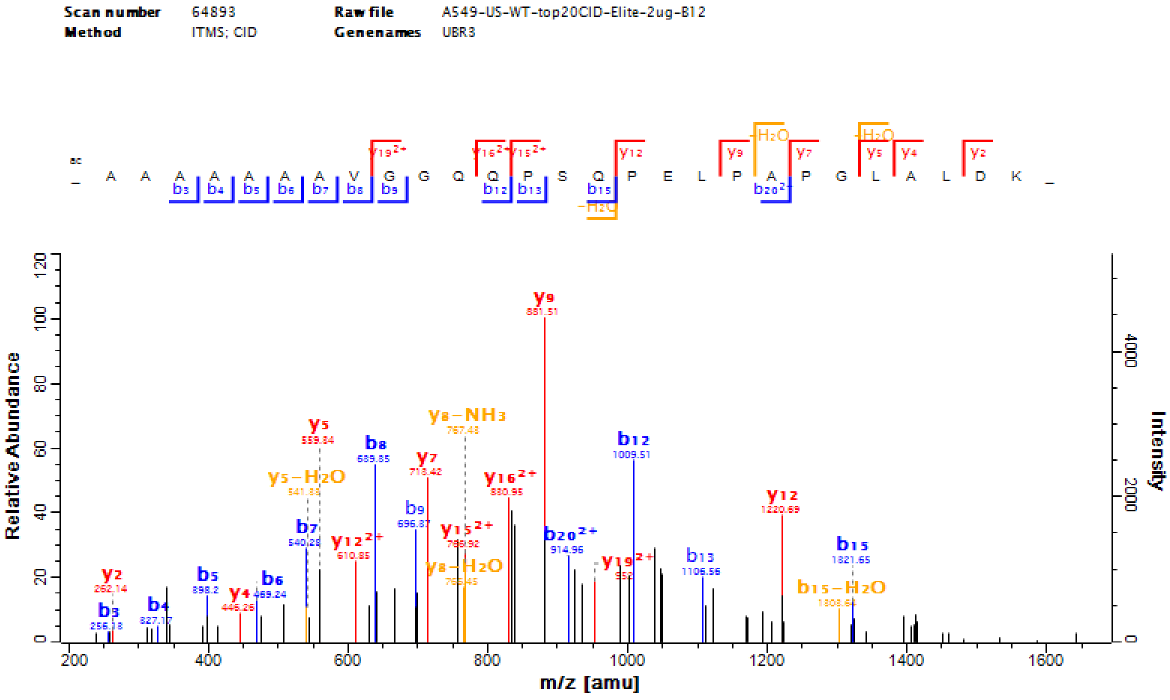
Protein Group ID: 3813
Protein Accession Numbers: Q6ZMI0; Q6ZMI0-2; Q6ZMI0-5; Q6ZMI0-3; Q6ZMI0-4
Gene Names: PPP1R21
Peptide Sequence: LATLETEAAQHQAVVDGLTR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 71.697
Best Match Posterior Error Probability: 0.0015803
Best Match Spectrum:



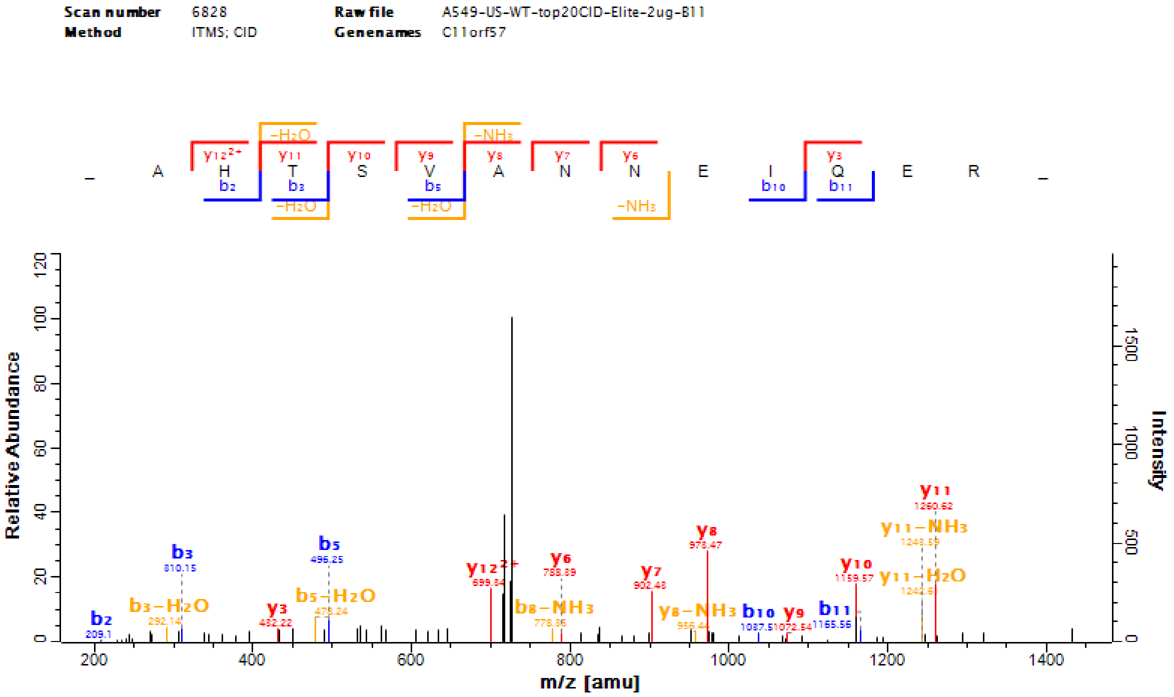
Protein Group ID: 3817
Protein Accession Numbers: Q6ZSJ8
Gene Names: C1orf122
Peptide Sequence: AQQLLDAVEQR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 131.13
Best Match Posterior Error Probability: 4.19E-05
Best Match Spectrum:



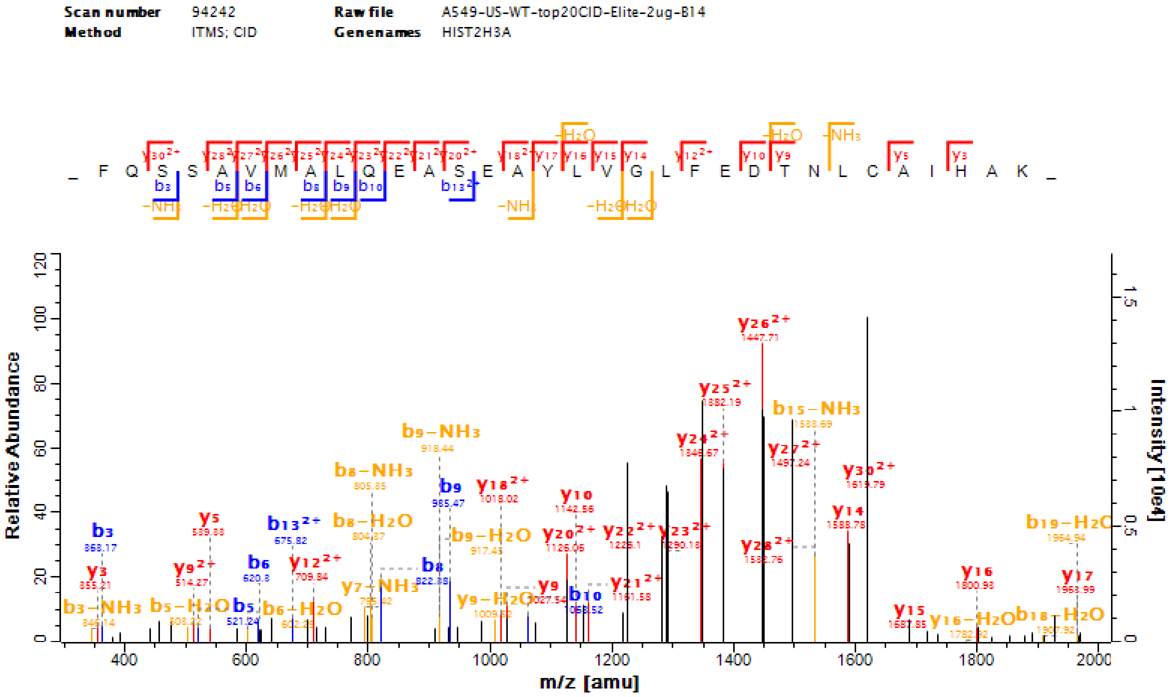
Protein Group ID: 3819
Protein Accession Numbers: Q6ZT12-4; Q6ZT12
Gene Names: UBR3
Peptide Sequence: AAAAAAAVGGQQPSQPELPAPGLALDK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 100.76
Best Match Posterior Error Probability: 9.22E-08
Best Match Spectrum:



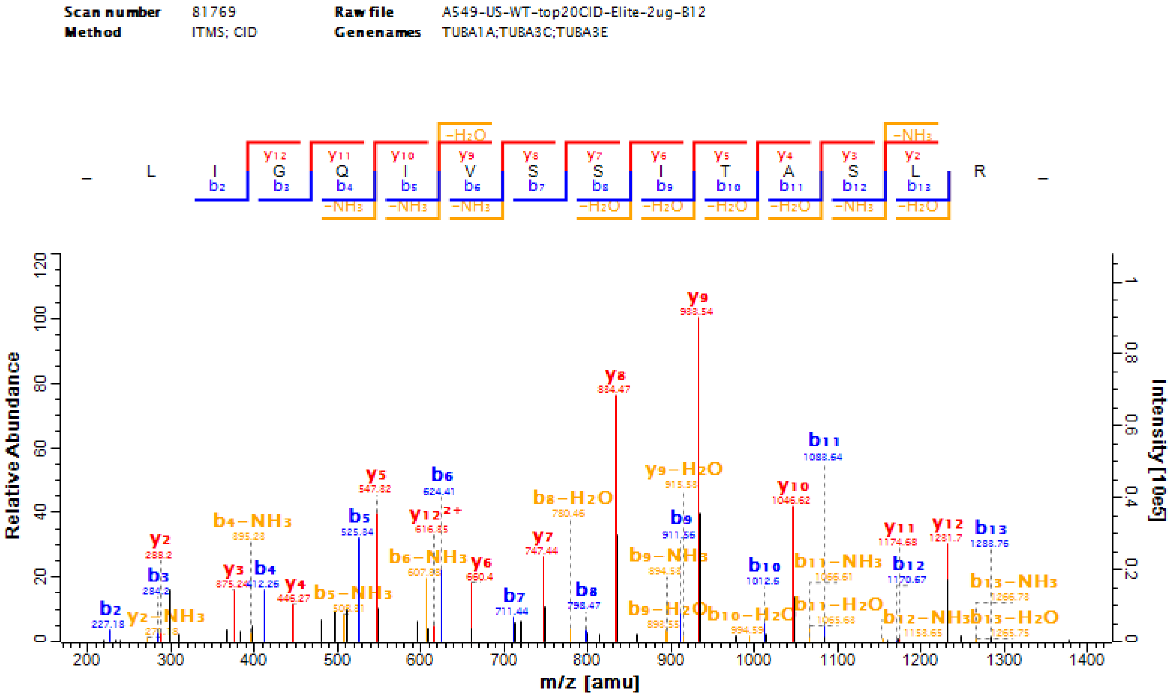
Protein Group ID: 3820
Protein Accession Numbers: Q6ZUT1-2; Q6ZUT1; Q6ZUT1-3
Gene Names: C11orf57
Peptide Sequence: AHTSVANNEIQER
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 88.552
Best Match Posterior Error Probability: 0.0015422
Best Match Spectrum:



Protein Group ID: 3831
Protein Accession Numbers: Q71DI3
Gene Names: HIST2H3A
Peptide Sequence: FQSSAVMALQEASEAYLVGLFEDTNLCAIHAK
Total Number of Spectra: 22
Number of Replicates (out of 8): 7
Best Match Score: 149.99
Best Match Posterior Error Probability: 4.76E-43
Best Match Spectrum:

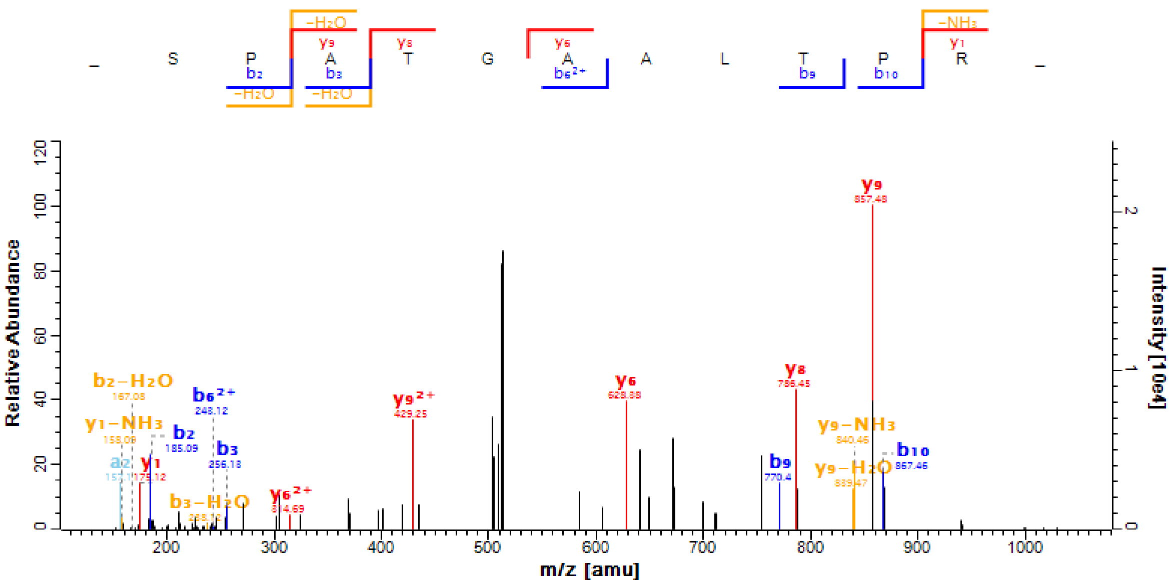


Protein Group ID: 3833
Protein Accession Numbers: Q71U36; G3V1U9; Q13748; F8VXZ4; Q6PEY2; Q13748-2; F8VQQ4
Gene Names: TUBA1A;TUBA3C;TUBA3E
Peptide Sequence: LIGQIVSSITASLR
Total Number of Spectra: 16
Number of Replicates (out of 8): 8
Best Match Score: 245.4
Best Match Posterior Error Probability: 7.58E-66
Best Match Spectrum:

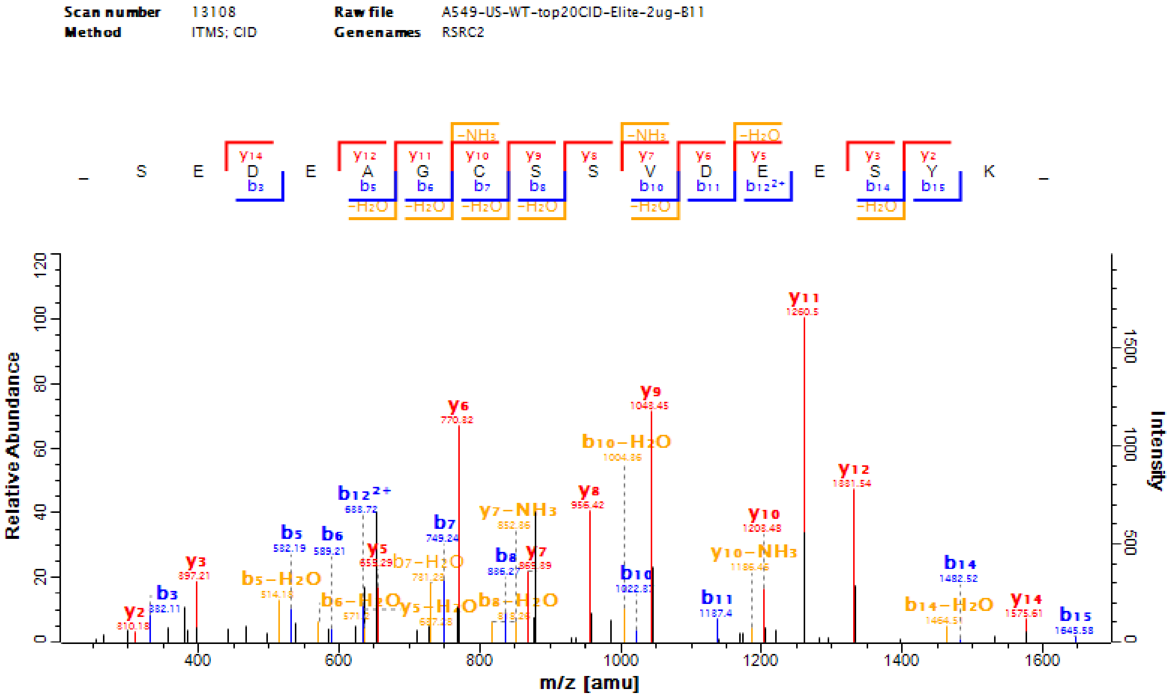


Protein Group ID: 3835
Protein Accession Numbers: Q75MW2
Gene Names: ZNF767
Peptide Sequence: SPATGAALTPR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 83.862
Best Match Posterior Error Probability: 0.0027723
Best Match Spectrum:

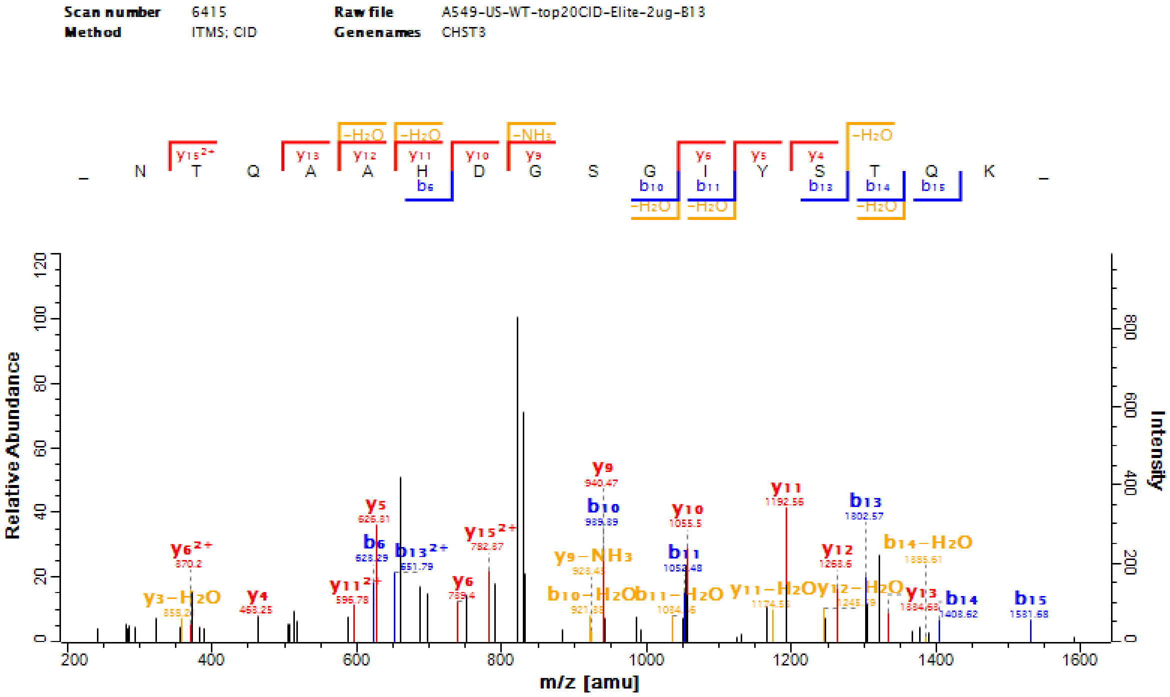
Scan number	17873	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	ZNF767



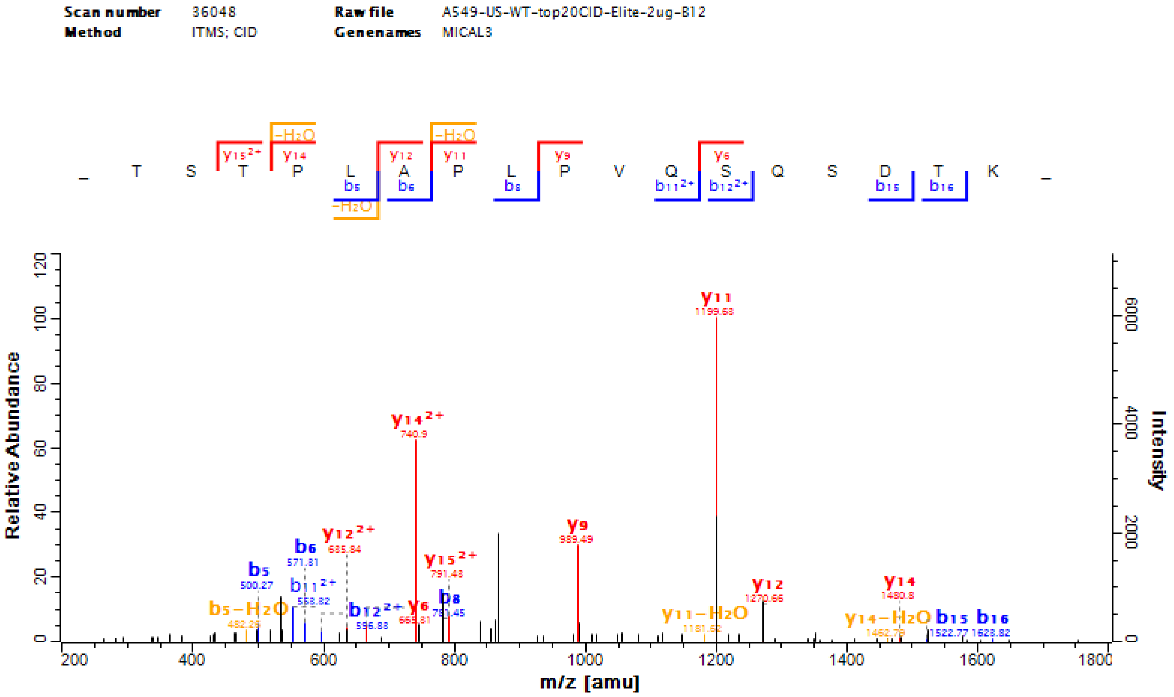
Protein Group ID: 3846
Protein Accession Numbers: Q7L4I2; Q7L4I2-2
Gene Names: RSRC2
Peptide Sequence: SEDEAGCSSVDEESYK
Total Number of Spectra: 9
Number of Replicates (out of 8): 5
Best Match Score: 160.8
Best Match Posterior Error Probability: 1.63E-09
Best Match Spectrum:



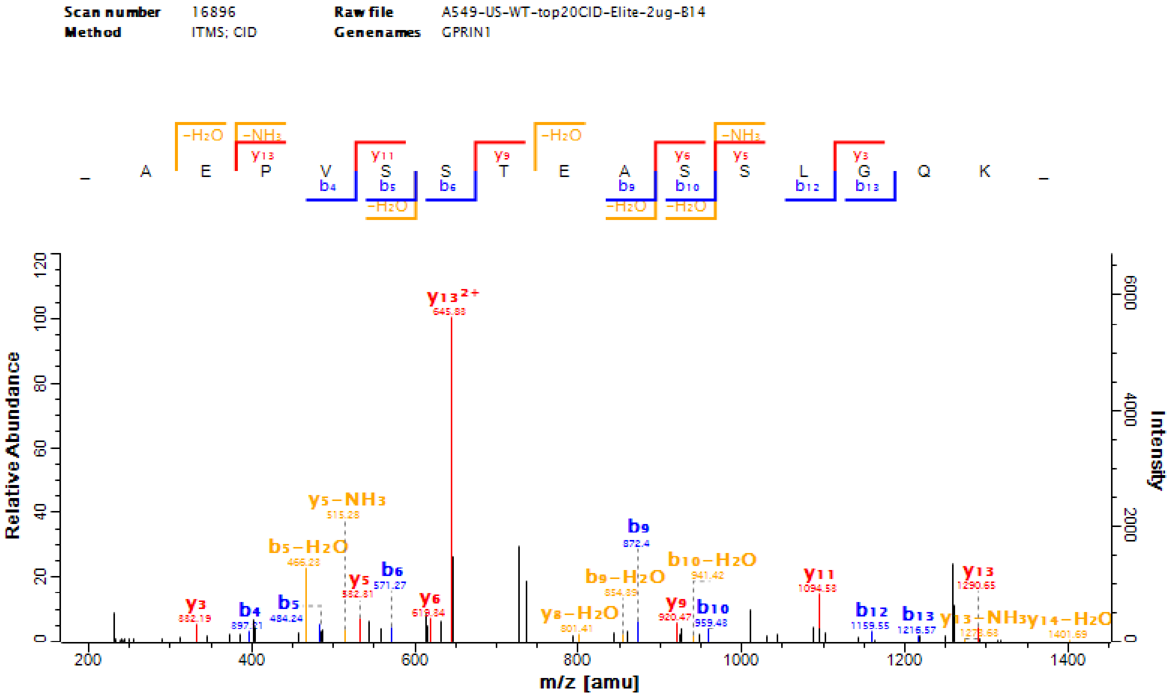
Protein Group ID: 3856
Protein Accession Numbers: Q7LGC8
Gene Names: CHST3
Peptide Sequence: NTQAAHDGSGIYSTQK
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 115.56
Best Match Posterior Error Probability: 9.67E-05
Best Match Spectrum:



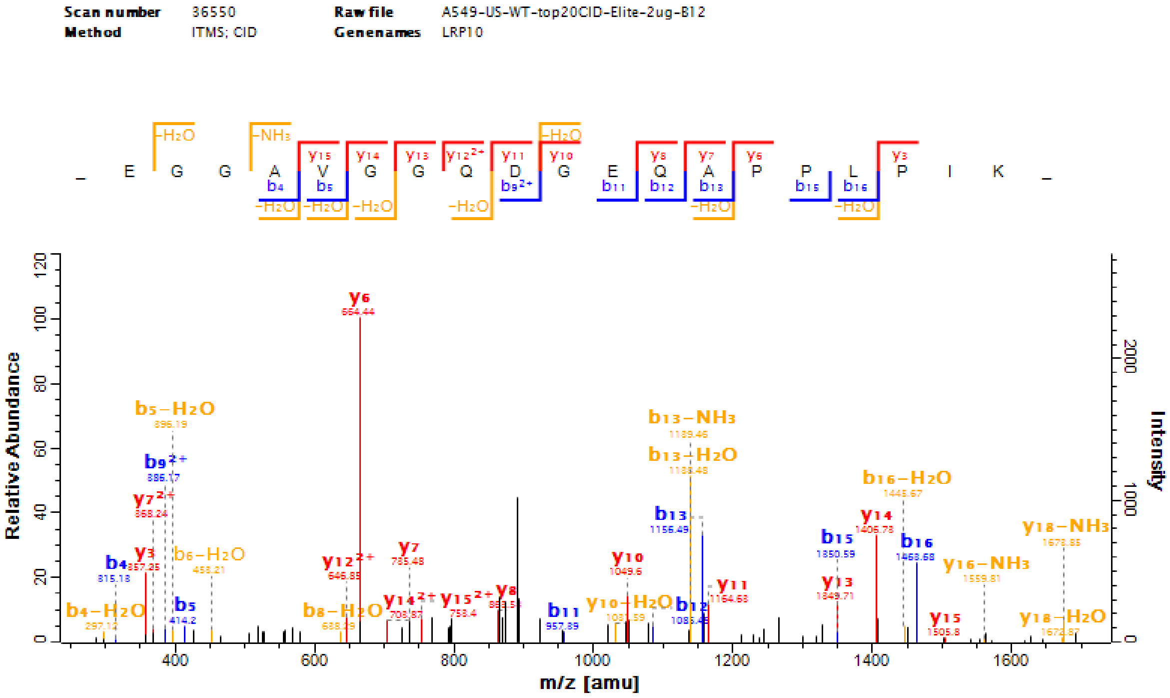
Protein Group ID: 3857
Protein Accession Numbers: Q7RTP6
Gene Names: MICAL3
Peptide Sequence: TSTPLAPLPVQSQSDTK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 77.746
Best Match Posterior Error Probability: 0.0019188
Best Match Spectrum:



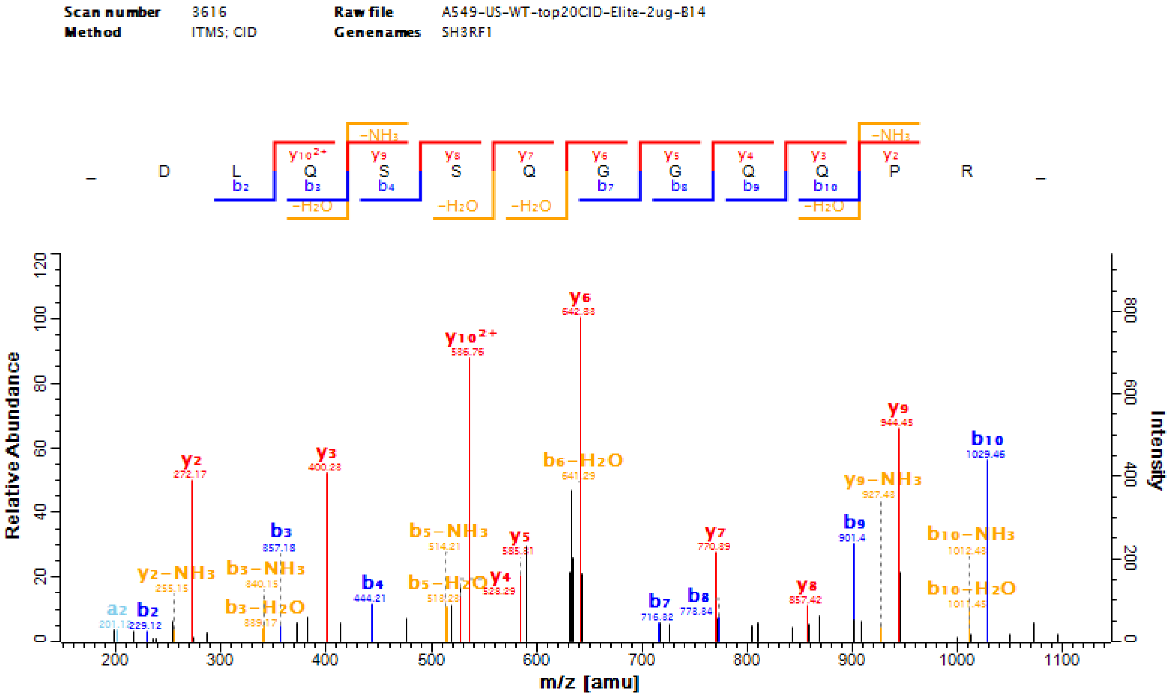
Protein Group ID: 3859
Protein Accession Numbers: Q7Z2K8
Gene Names: GPRIN1
Peptide Sequence: AEPVSSTEASSLGQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 91.307
Best Match Posterior Error Probability: 0.0007303
Best Match Spectrum:



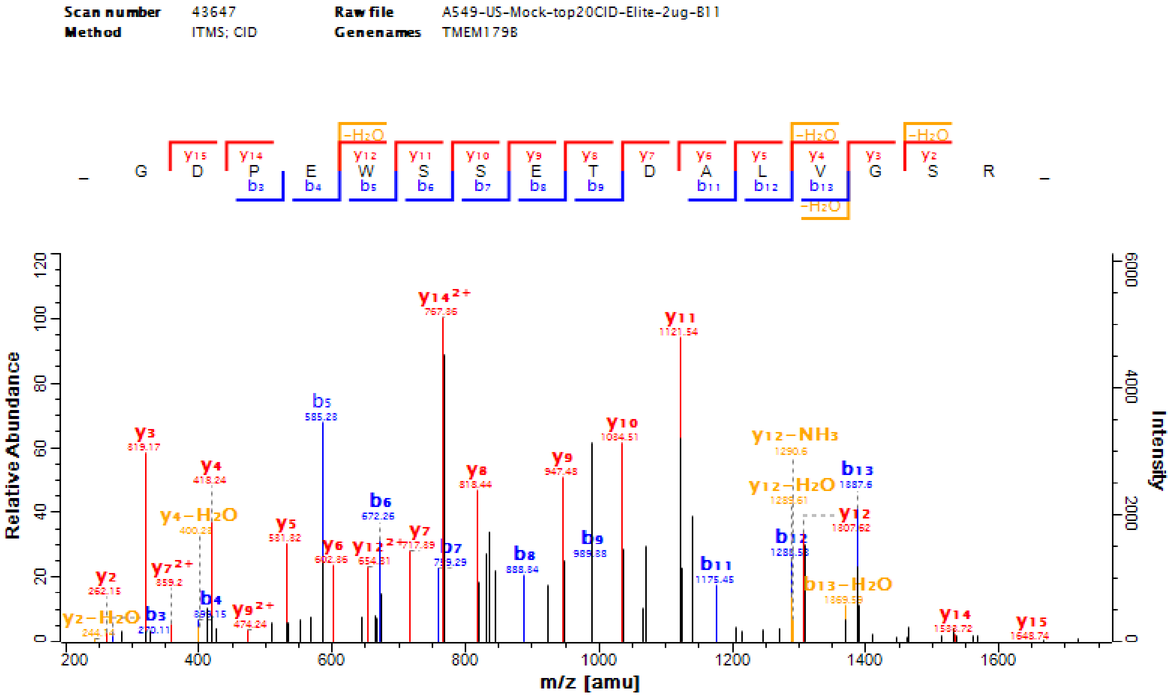
Protein Group ID: 3871
Protein Accession Numbers: Q7Z4F1
Gene Names: LRP10
Peptide Sequence: EGGAVGGQDGEQAPPLPIK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 136.39
Best Match Posterior Error Probability: 2.17E-11
Best Match Spectrum:



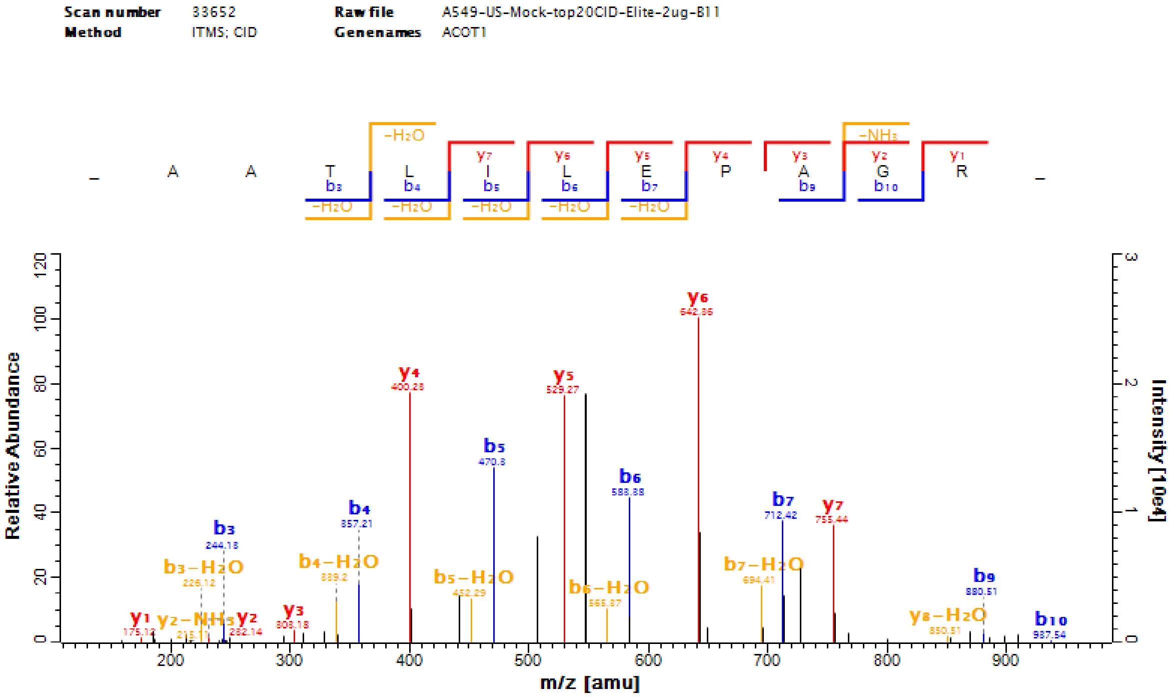
Protein Group ID: 3878
Protein Accession Numbers: Q7Z6J0; Q7Z6J0-3
Gene Names: SH3RF1
Peptide Sequence: DLQSSQGGQQPR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 132.5
Best Match Posterior Error Probability: 9.89E-05
Best Match Spectrum:



Protein Group ID: 3889
Protein Accession Numbers: Q7Z7N9
Gene Names: TMEM179B
Peptide Sequence: GDPEWSSETDALVGSR
Total Number of Spectra: 9
Number of Replicates (out of 8): 8
Best Match Score: 181.51
Best Match Posterior Error Probability: 2.43E-20
Best Match Spectrum:

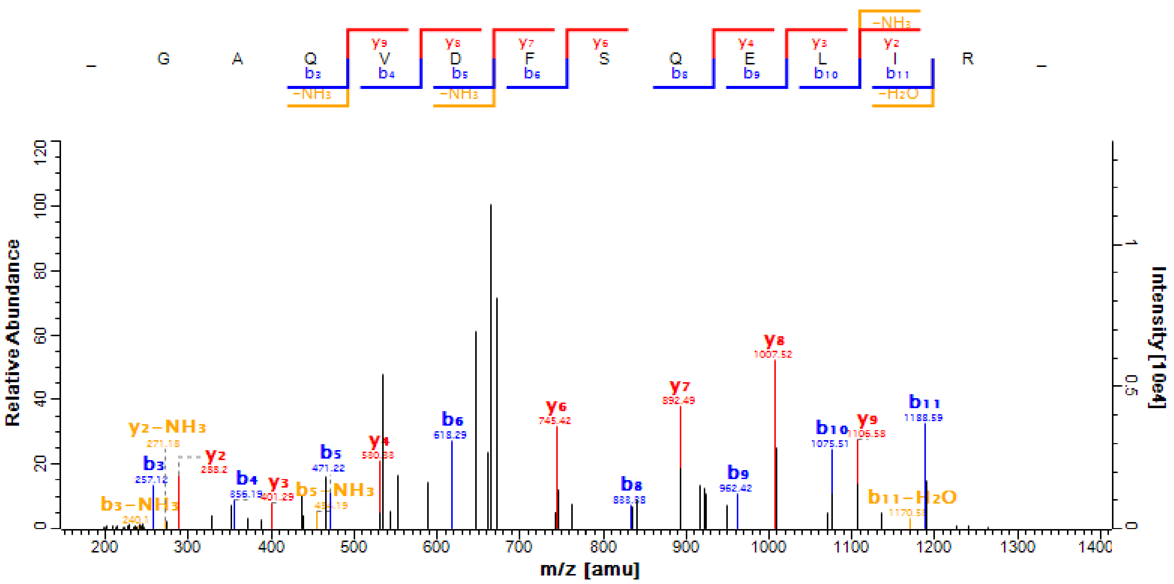


Protein Group ID: 3902
Protein Accession Numbers: Q86TX2; G3V4F2
Gene Names: ACOT1
Peptide Sequence: AATLILEPAGR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 138.25
Best Match Posterior Error Probability: 2.90E-05
Best Match Spectrum:

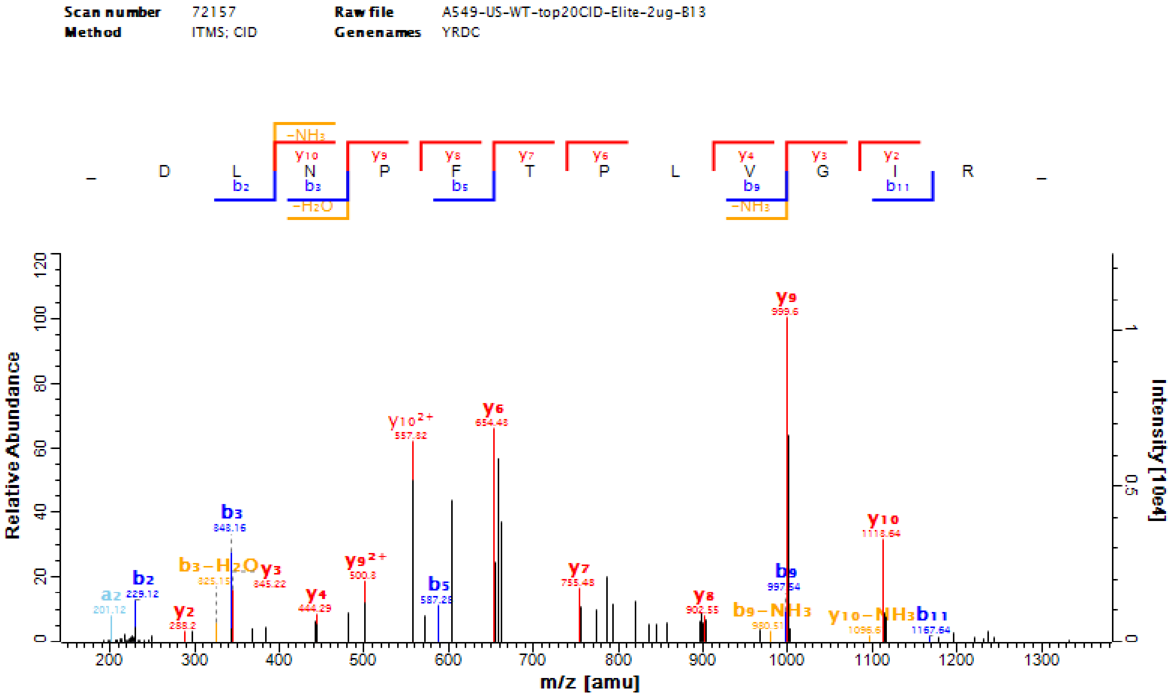


Protein Group ID: 3903
Protein Accession Numbers: Q86U28
Gene Names: ISCA2
Peptide Sequence: GAQVDFSQELIR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 98.942
Best Match Posterior Error Probability: 0.0005378
Best Match Spectrum:

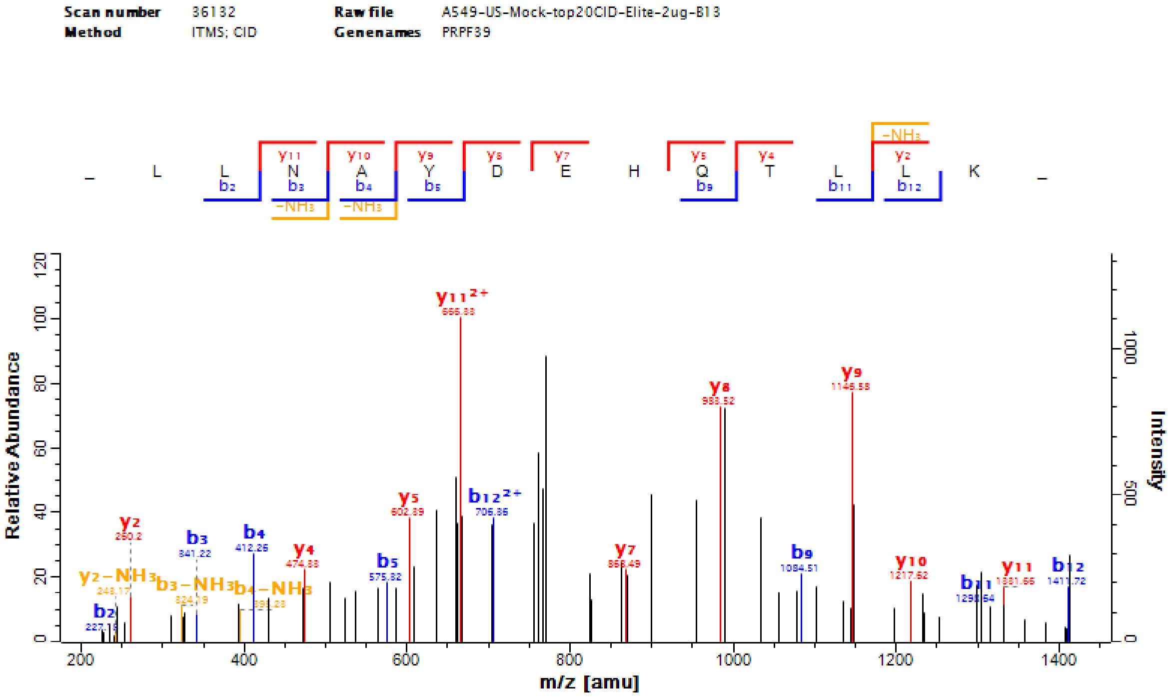
Scan number 46133 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** ISCA2



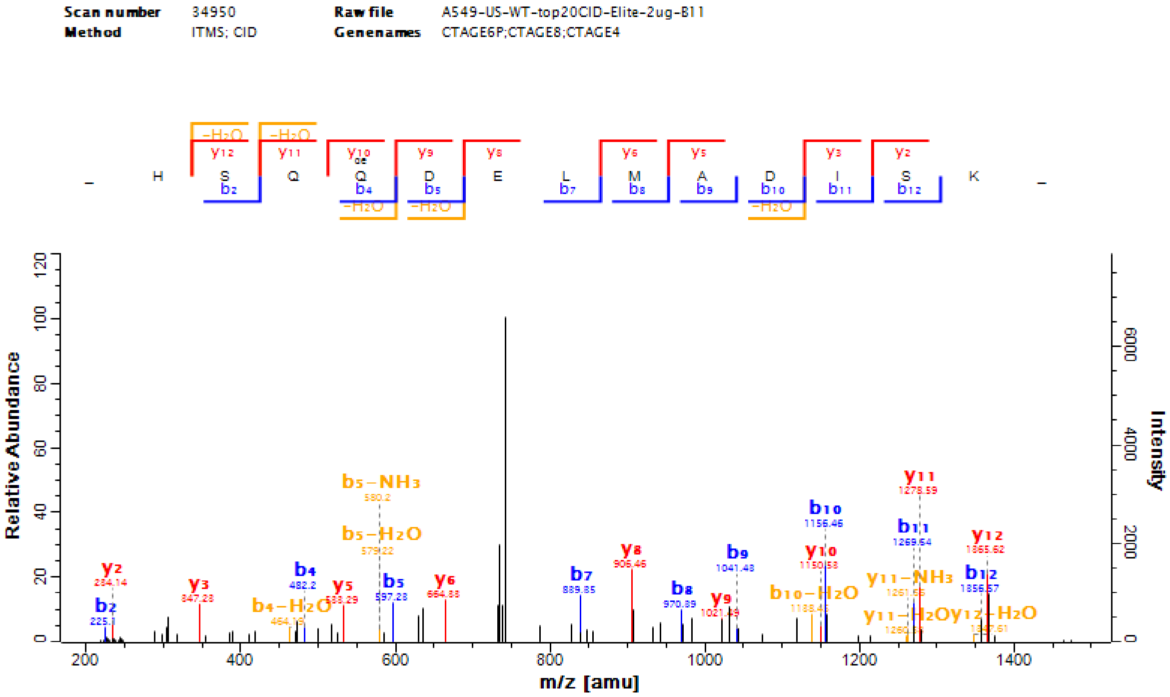
Protein Group ID: 3907
Protein Accession Numbers: Q86U90
Gene Names: YRDC
Peptide Sequence: DLNPFTPLVGIR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 112.43
Best Match Posterior Error Probability: 0.00023058
Best Match Spectrum:



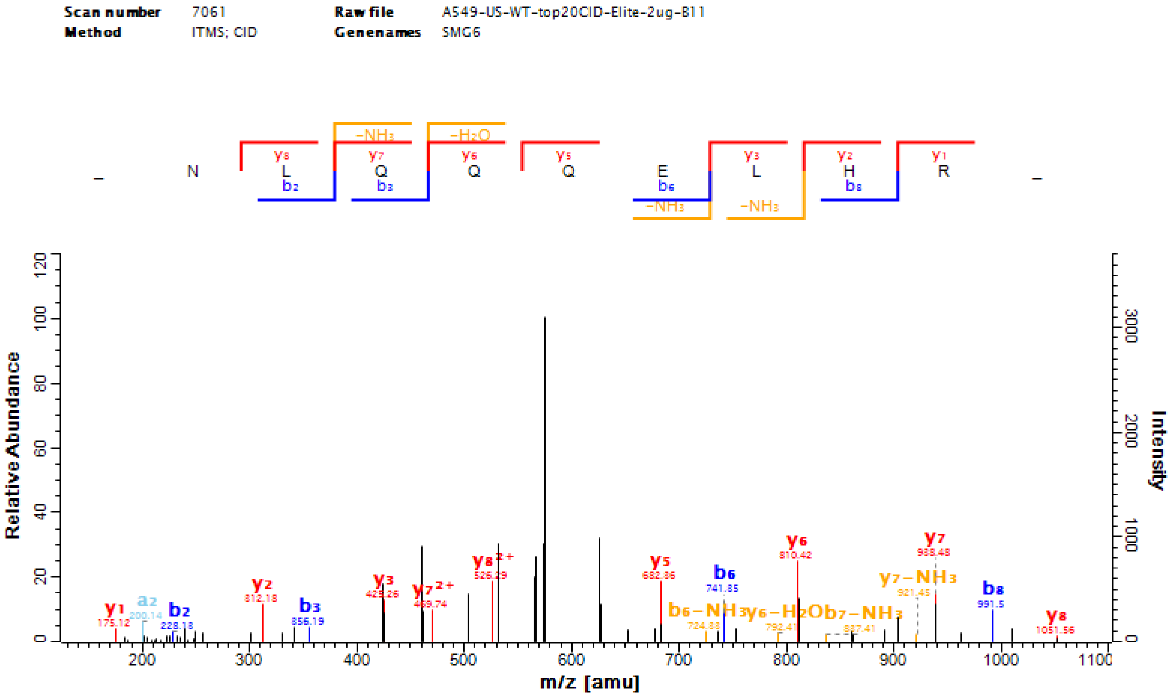
Protein Group ID: 3908
Protein Accession Numbers: Q86UA1; Q86UA1-2
Gene Names: PRPF39
Peptide Sequence: LLNAYDEHQTLLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 106.32
Best Match Posterior Error Probability: 0.0024998
Best Match Spectrum:



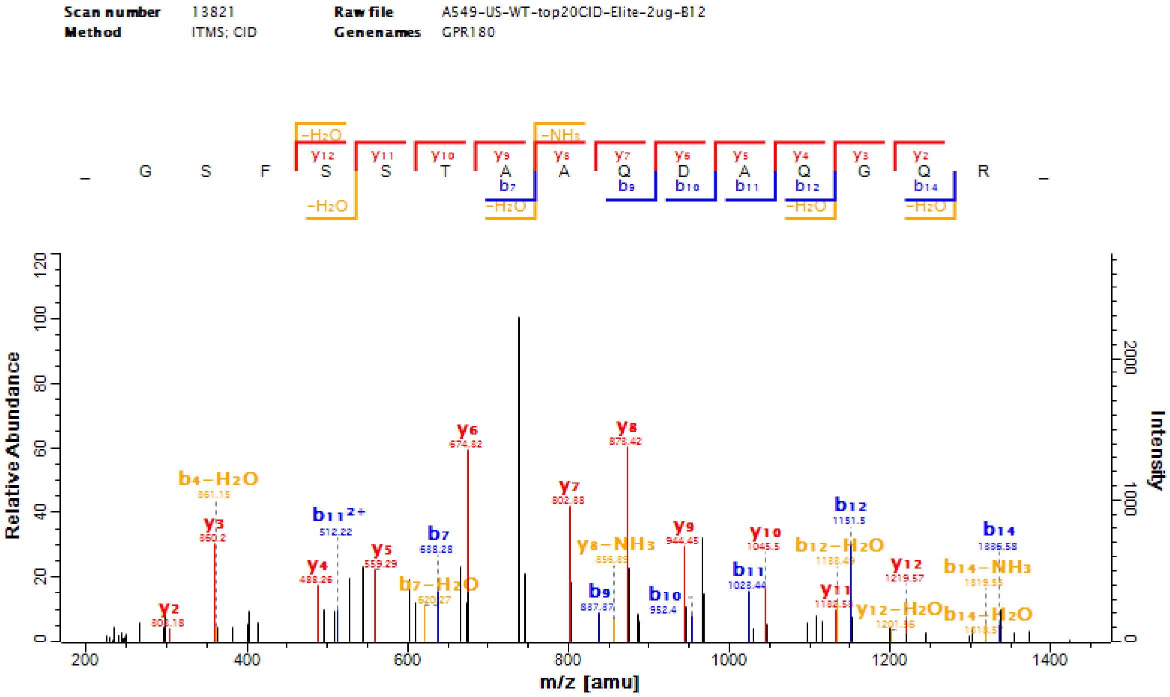
Protein Group ID: 3910
Protein Accession Numbers: Q86UF2; P0CG41; Q8IX94
Gene Names: CTAGE6P;CTAGE8;CTAGE4
Peptide Sequence: HSQQDELMADISK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 131.96
Best Match Posterior Error Probability: 4.57E-05
Best Match Spectrum:



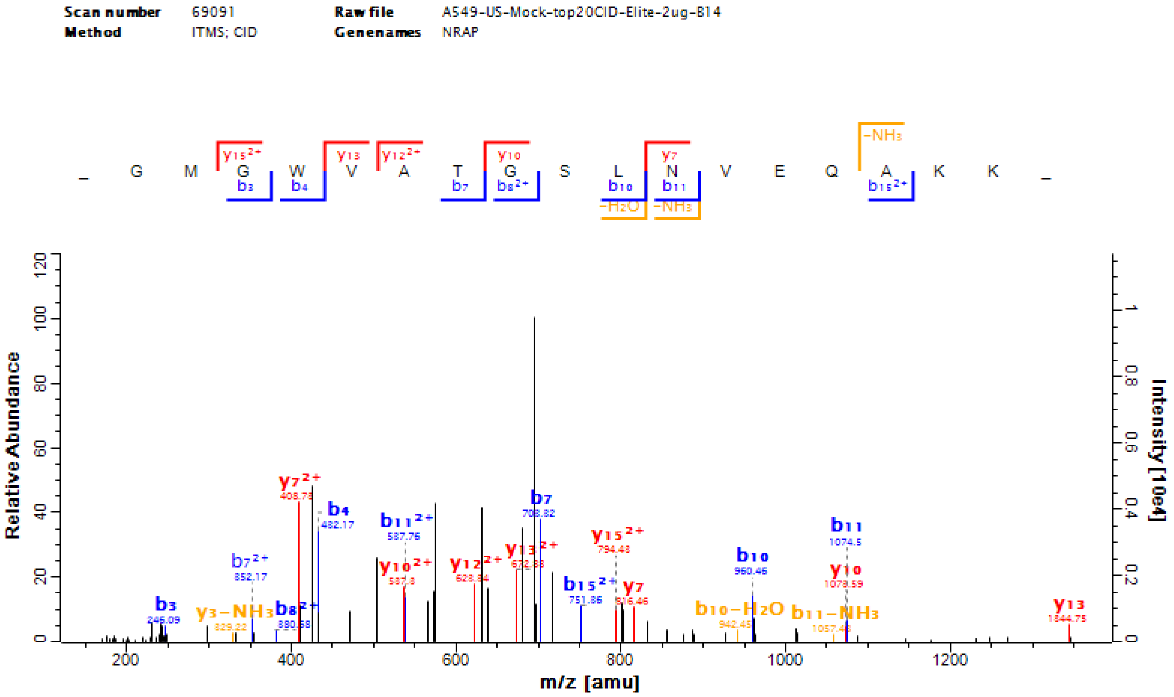
Protein Group ID: 3913
Protein Accession Numbers: Q86US8
Gene Names: SMG6
Peptide Sequence: NLQQQELHR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 106.2
Best Match Posterior Error Probability: 0.0012843
Best Match Spectrum:



Protein Group ID: 3920
Protein Accession Numbers: Q86V85
Gene Names: GPR180
Peptide Sequence: GSFSSTAAQDAQGQR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 112.24
Best Match Posterior Error Probability: 0.00011237
Best Match Spectrum:

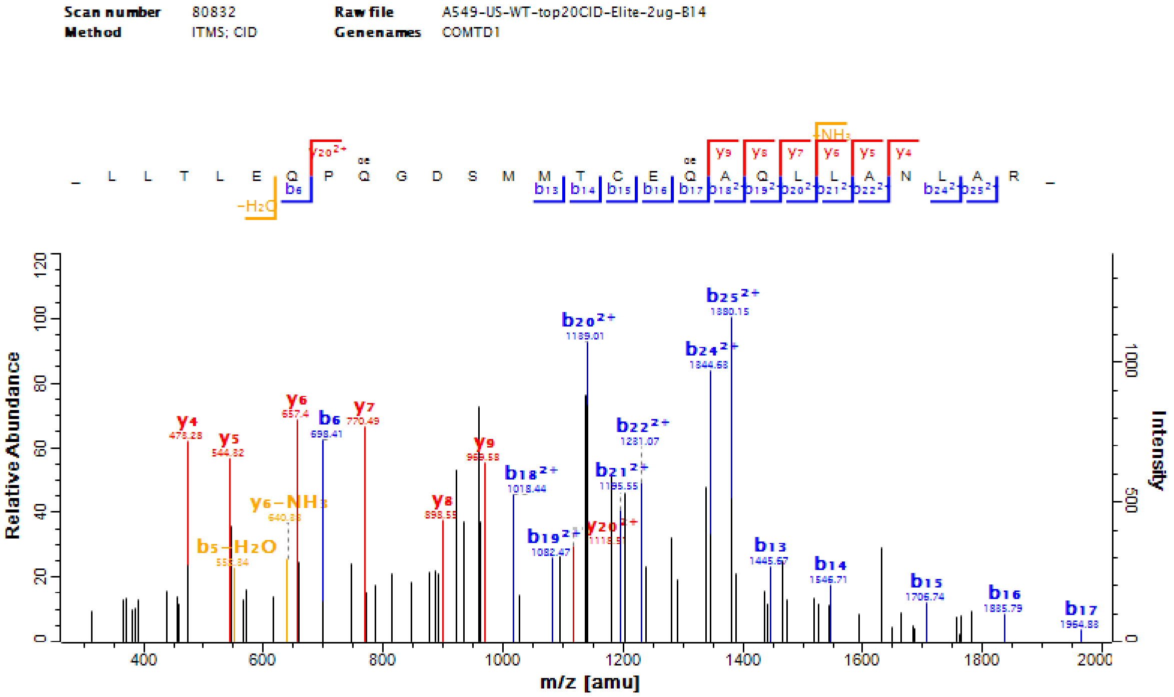


Protein Group ID: 3921
Protein Accession Numbers: Q86VF7-2; Q86VF7; Q86VF7-3; Q86VF7-4
Gene Names: NRAP
Peptide Sequence: GMGWVATGSLNVEQAKK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 88.282
Best Match Posterior Error Probability: 0.0011195
Best Match Spectrum:

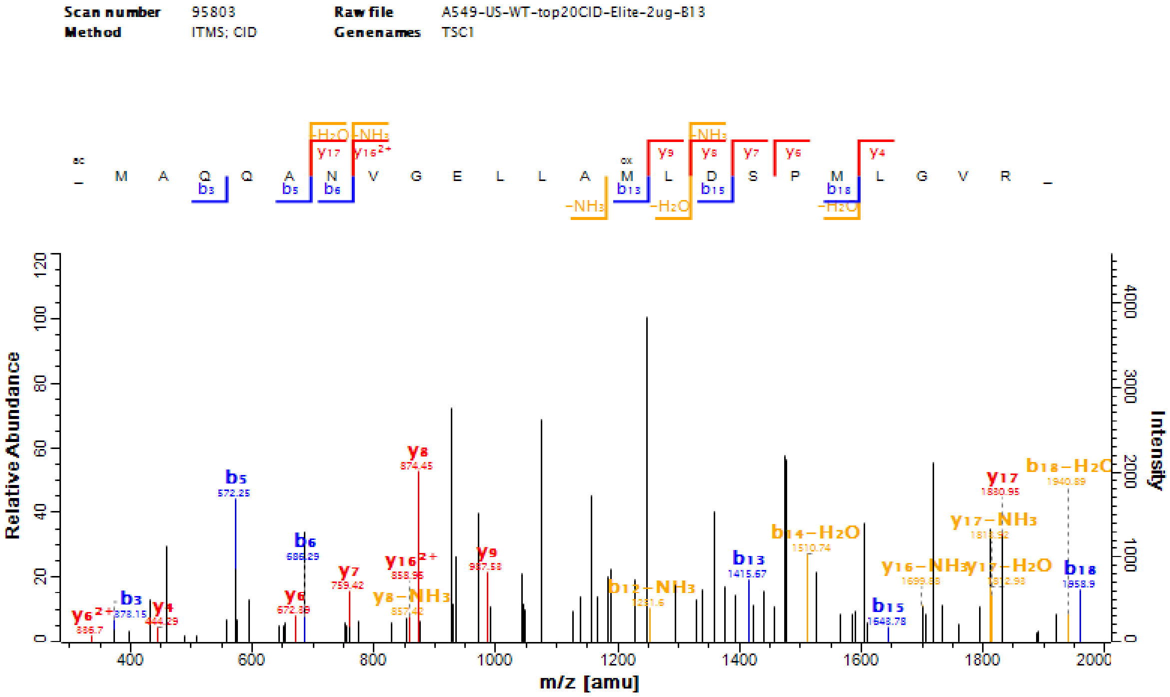


Scan number 69091
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B14
Genenames NRAP

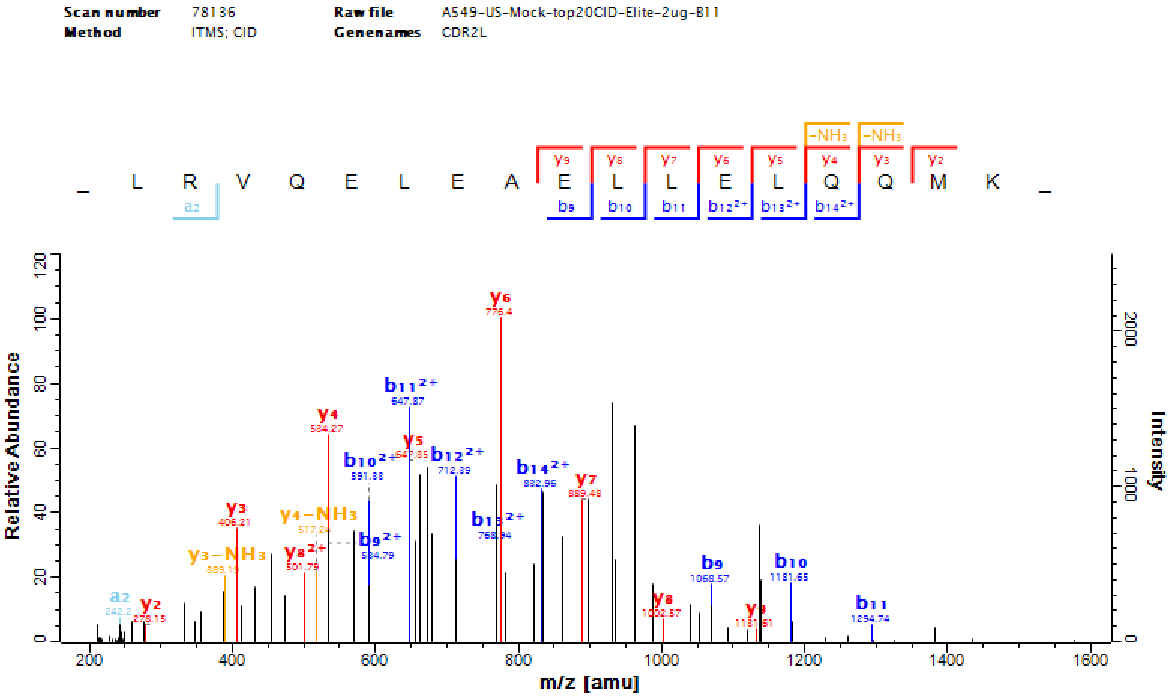
Protein Group ID: 3925
Protein Accession Numbers: Q86VU5
Gene Names: COMTD1
Peptide Sequence: LLTLEQPQGDSMMTCEQAQLLANLAR
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 111.83
Best Match Posterior Error Probability: 5.16E-10
Best Match Spectrum:



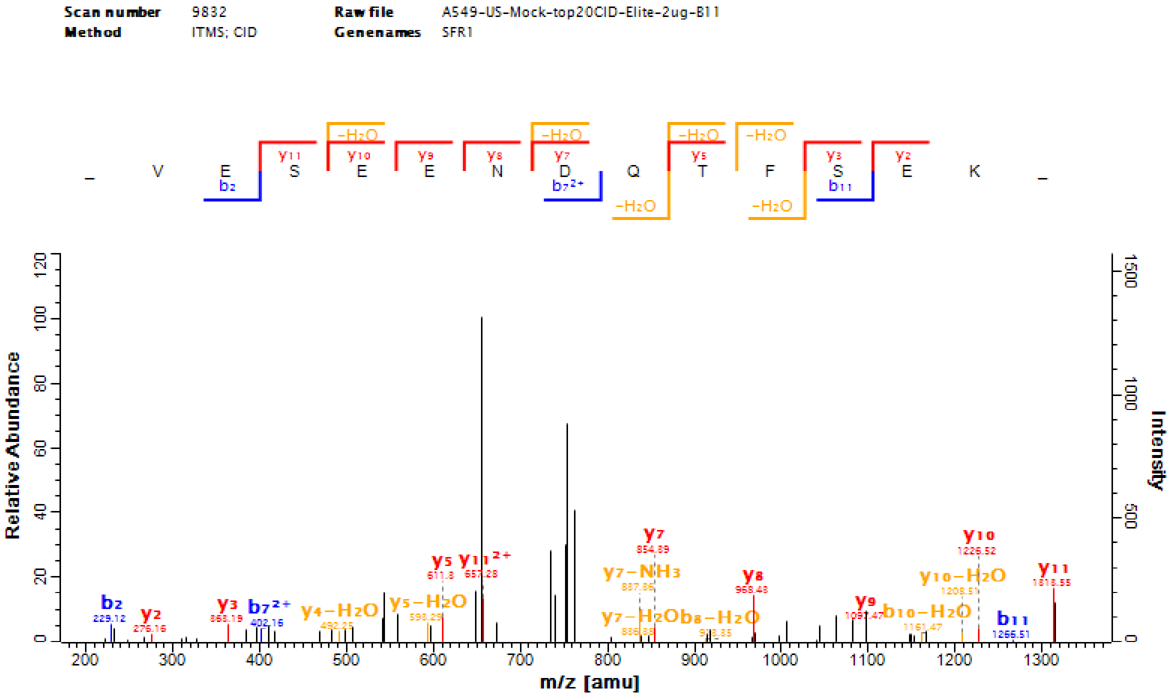
Protein Group ID: 3936
Protein Accession Numbers: Q92574; Q92574-2; Q86WV8
Gene Names: TSC1
Peptide Sequence: MAQQANVGELLAMLDSPMLGVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 69.122
Best Match Posterior Error Probability: 0.0050181
Best Match Spectrum:



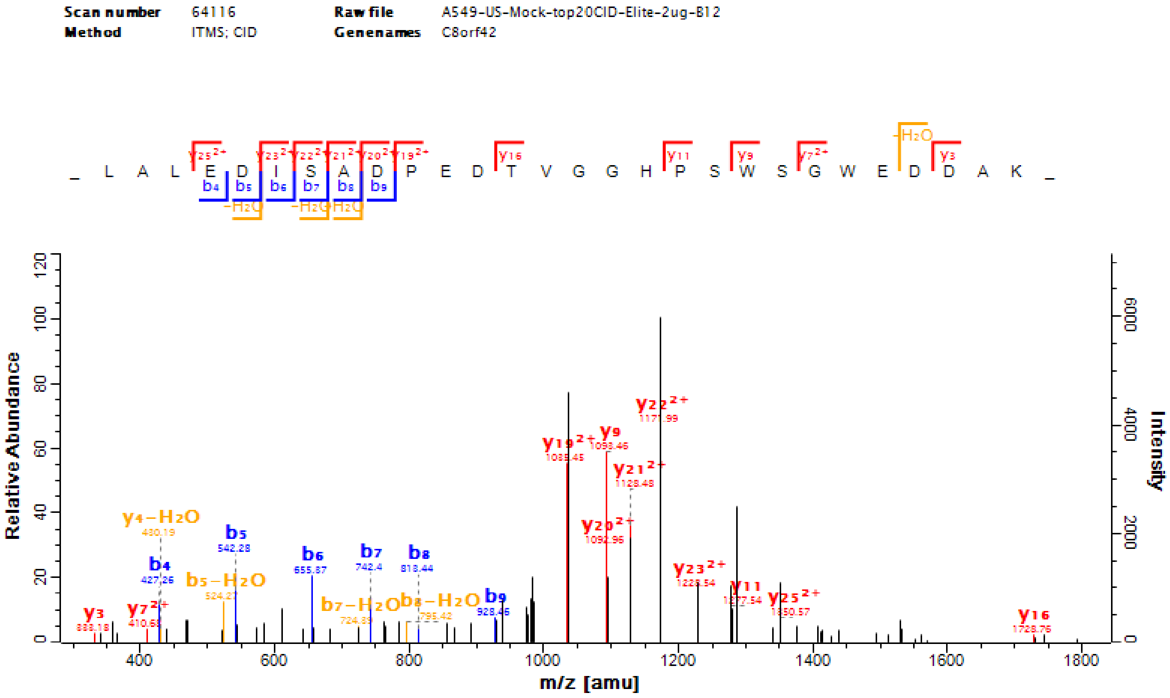
Protein Group ID: 3937
Protein Accession Numbers: Q86X02
Gene Names: CDR2L
Peptide Sequence: LRVQELEAELLELQQMK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 103.79
Best Match Posterior Error Probability: 0.00066185
Best Match Spectrum:



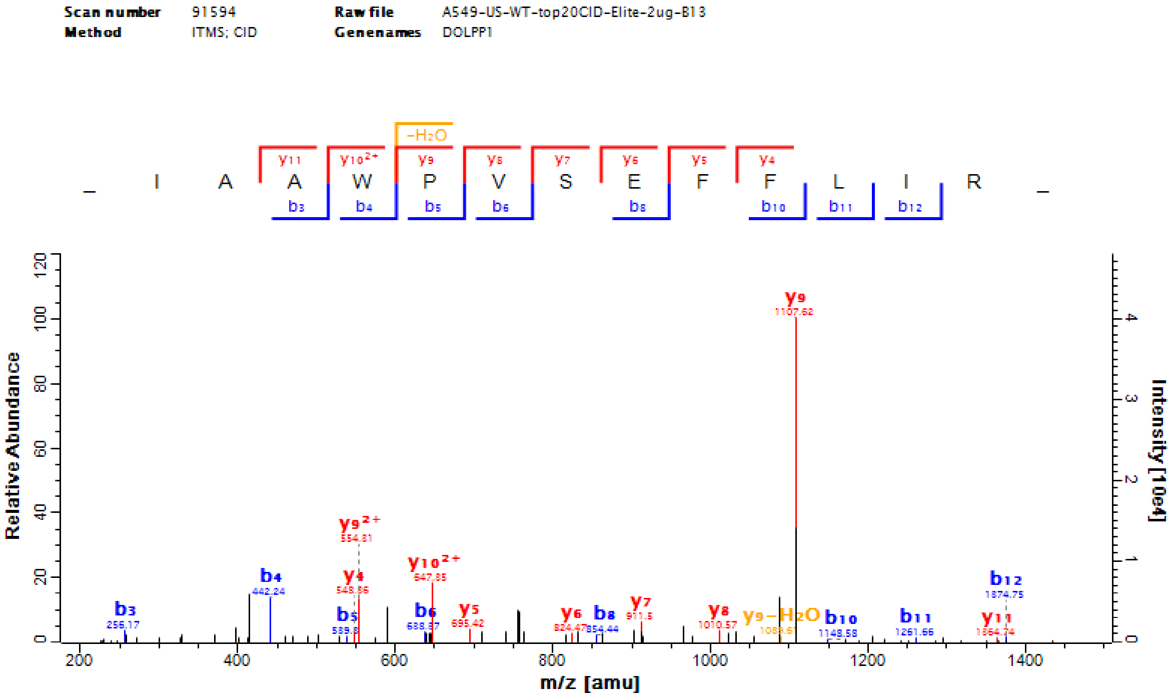
Protein Group ID: 3940
Protein Accession Numbers: Q86XK3-2; Q86XK3; Q86XK3-3
Gene Names: SFR1
Peptide Sequence: VESEENDQTFSEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 83.204
Best Match Posterior Error Probability: 0.0025871
Best Match Spectrum:



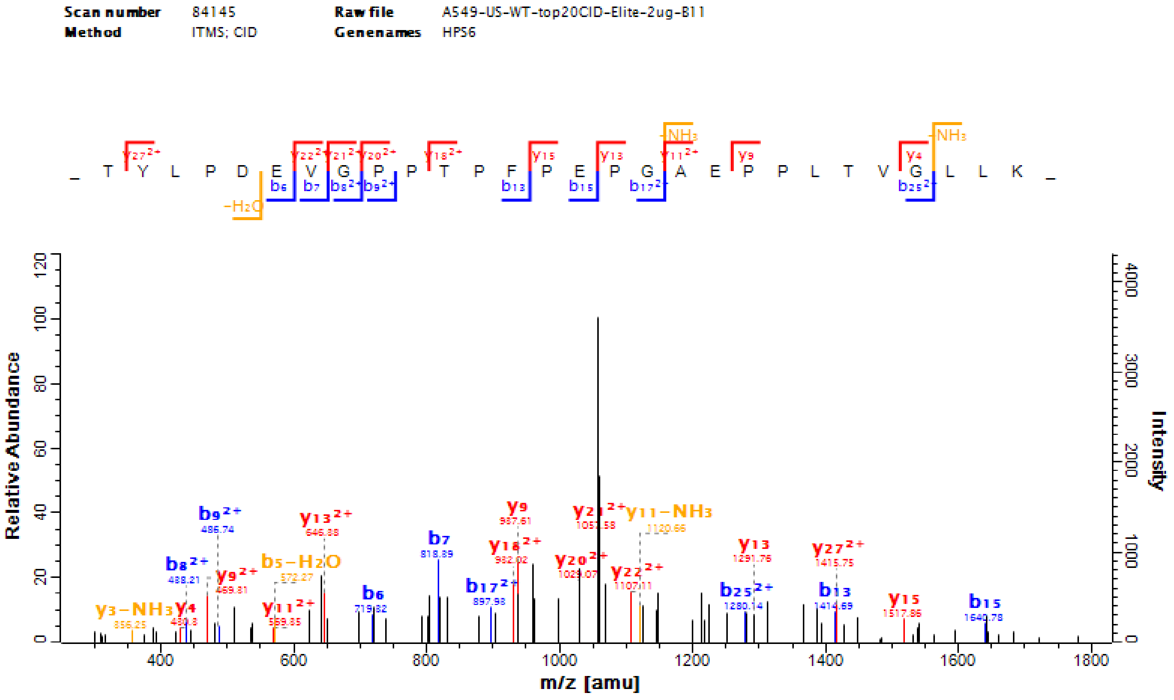
Protein Group ID: 3948
Protein Accession Numbers: Q86YL5-2; Q86YL5
Gene Names: C8orf42
Peptide Sequence: LALEDISADPEDTVGGHPSWSGWEDDAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 56.131
Best Match Posterior Error Probability: 0.001201
Best Match Spectrum:



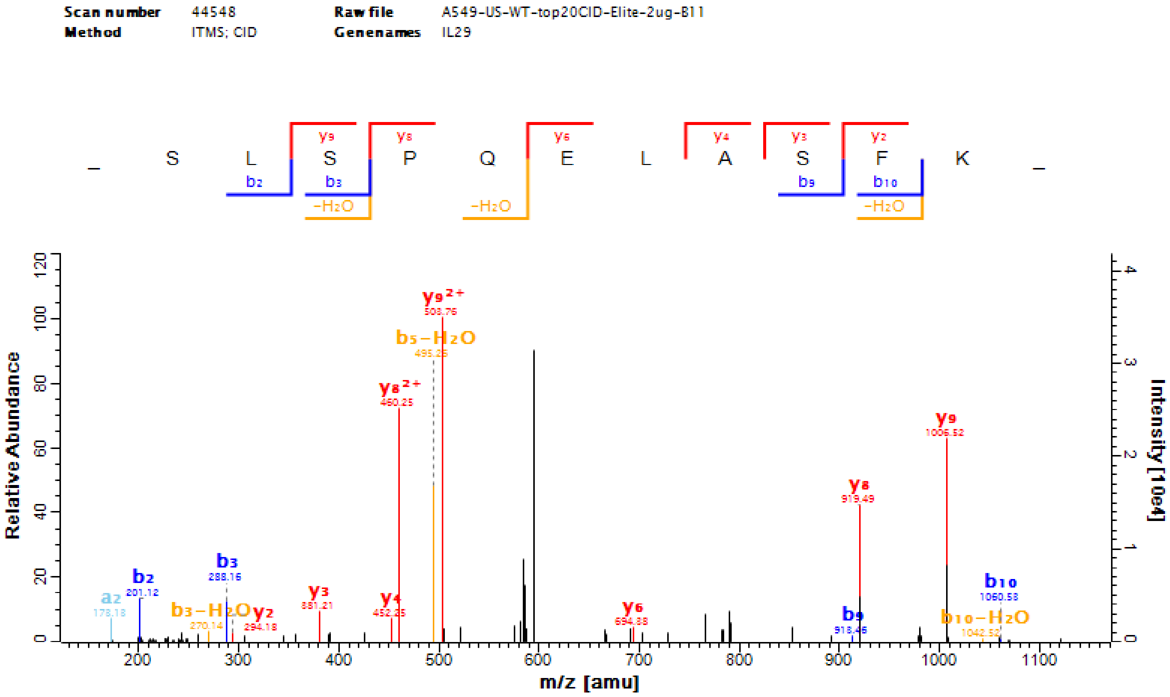
Protein Group ID: 3949
Protein Accession Numbers: Q86YN1
Gene Names: DOLPP1
Peptide Sequence: IAAWPVSEFFLIR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 103.88
Best Match Posterior Error Probability: 0.00043764
Best Match Spectrum:



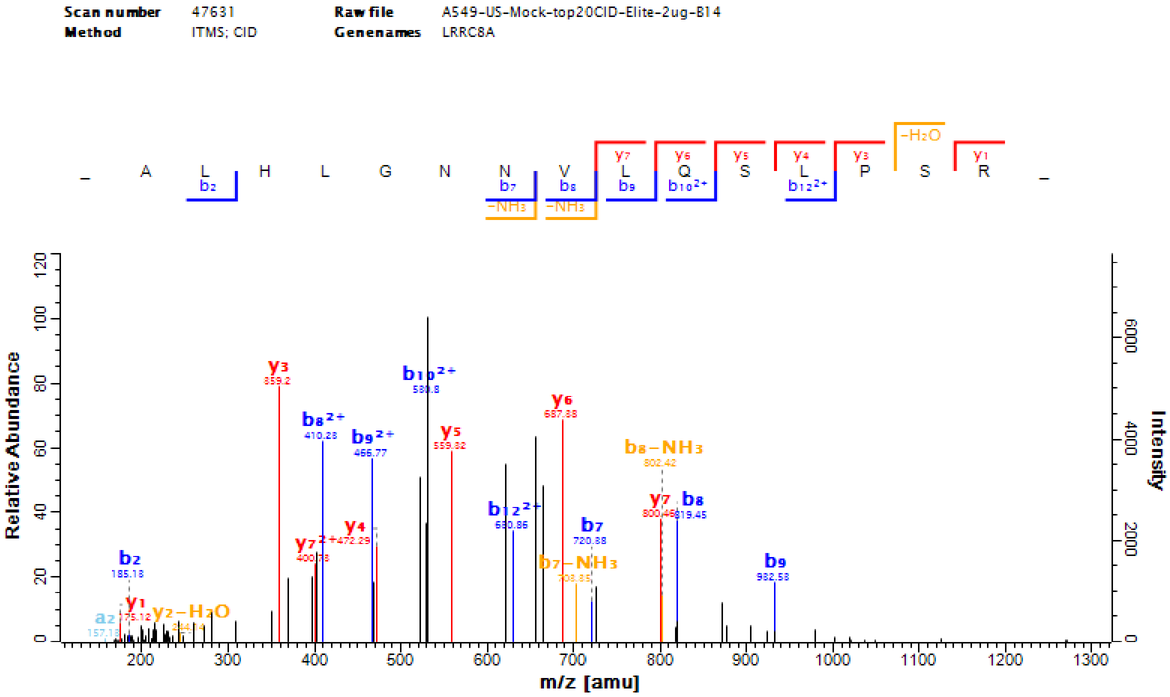
Protein Group ID: 3951
Protein Accession Numbers: Q86YV9
Gene Names: HPS6
Peptide Sequence: TYLPDEVGPPTPFPEPGAEPPLTVGLLK
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 57.802
Best Match Posterior Error Probability: 0.0009891
Best Match Spectrum:



Protein Group ID: 3952
Protein Accession Numbers: Q8IU54
Gene Names: IL29
Peptide Sequence: SLSPQELASFK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 101.93
Best Match Posterior Error Probability: 0.00044728
Best Match Spectrum:

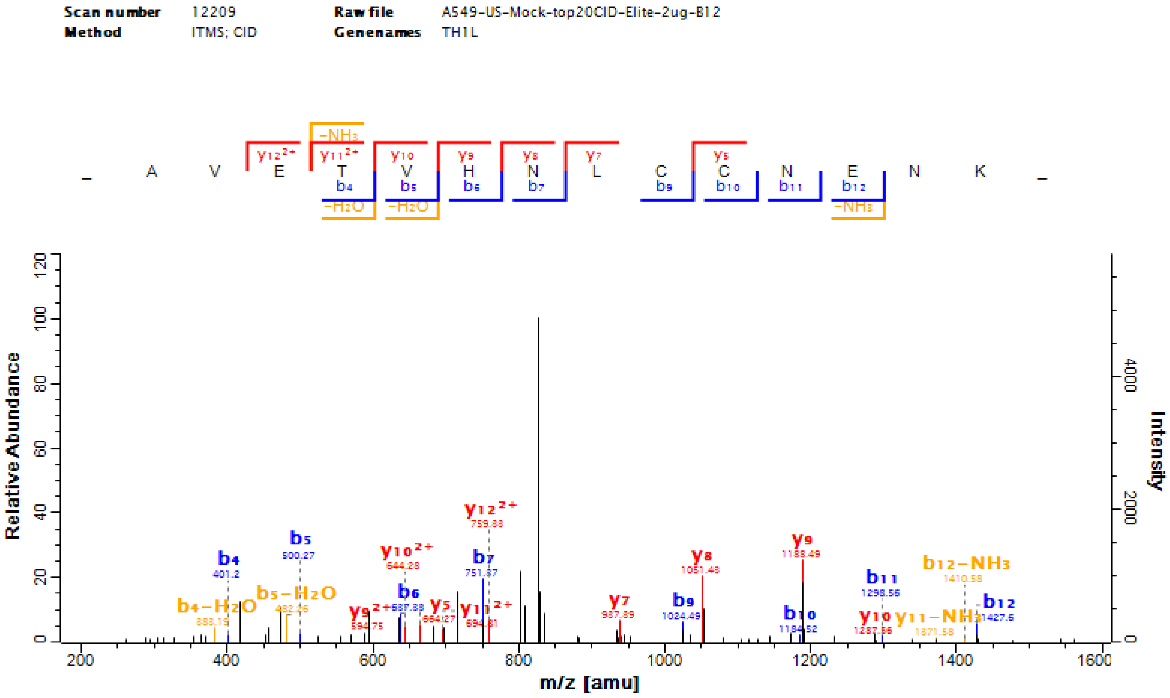


Protein Group ID: 3973
Protein Accession Numbers: Q8IWT6
Gene Names: LRRC8A
Peptide Sequence: ALHLGNNVLQSLPSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.231
Best Match Posterior Error Probability: 0.00087245
Best Match Spectrum:

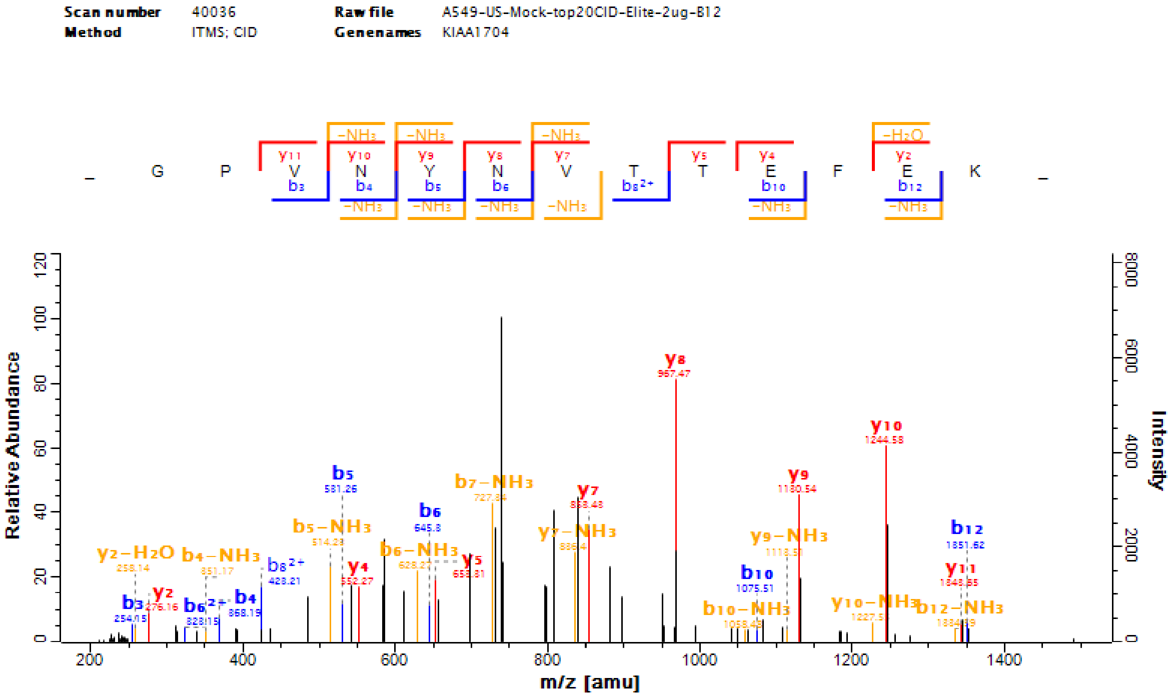


Scan number 47631 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** LRRC8A

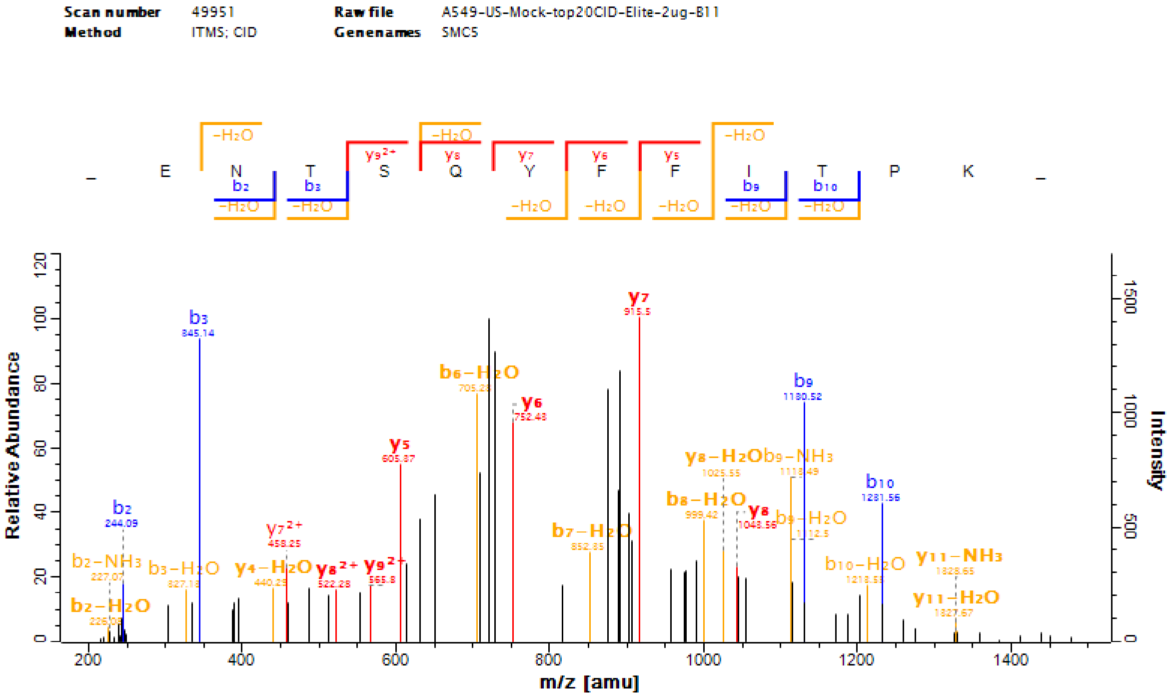
Protein Group ID: 3979
Protein Accession Numbers: Q8IXH7; Q8IXH7-4
Gene Names: TH1L
Peptide Sequence: AVETVHNLCCNENK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 91.307
Best Match Posterior Error Probability: 0.001073
Best Match Spectrum:



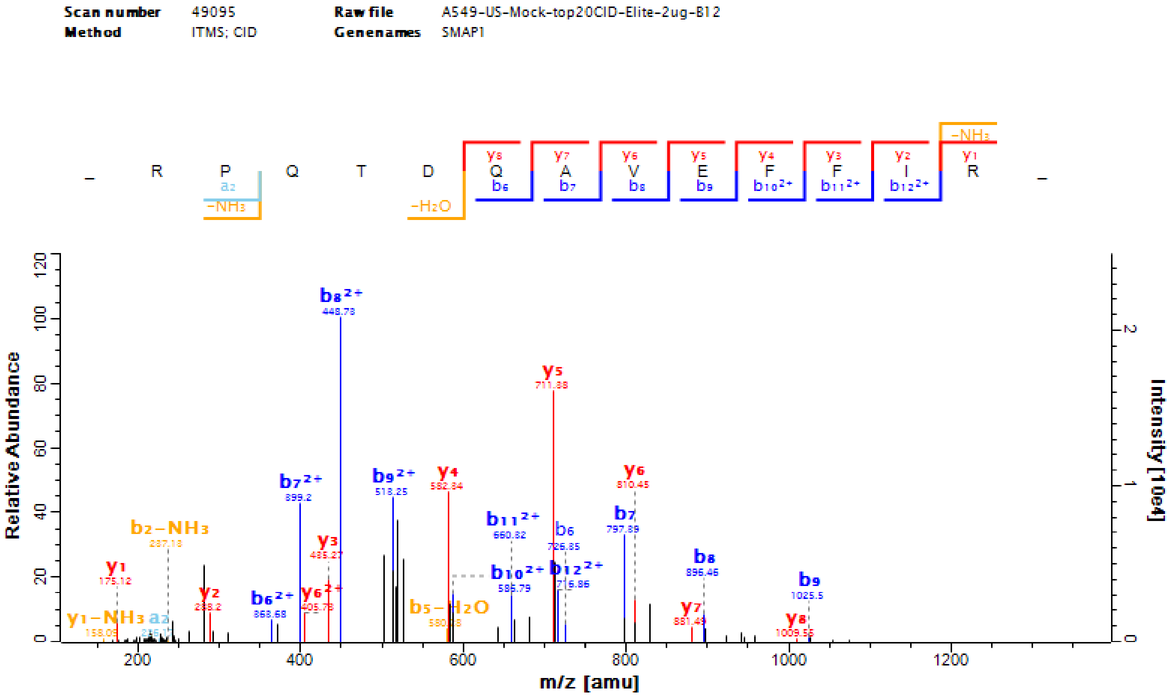
Protein Group ID: 3984
Protein Accession Numbers: Q8IXQ4; Q8IXQ4-2
Gene Names: KIAA1704
Peptide Sequence: GPVNYNVTTEFEK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 141.37
Best Match Posterior Error Probability: 1.64E-05
Best Match Spectrum:



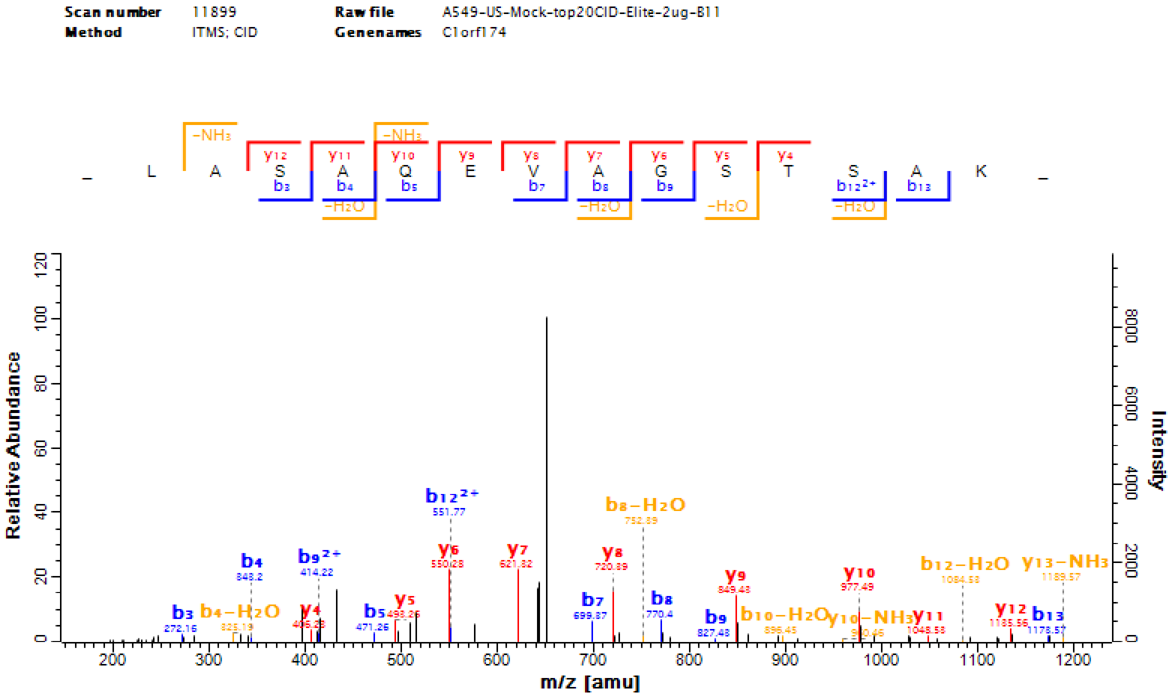
Protein Group ID: 3985
Protein Accession Numbers: Q8IY18
Gene Names: SMC5
Peptide Sequence: ENTSQYFFITPK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 117.07
Best Match Posterior Error Probability: 0.00016953
Best Match Spectrum:



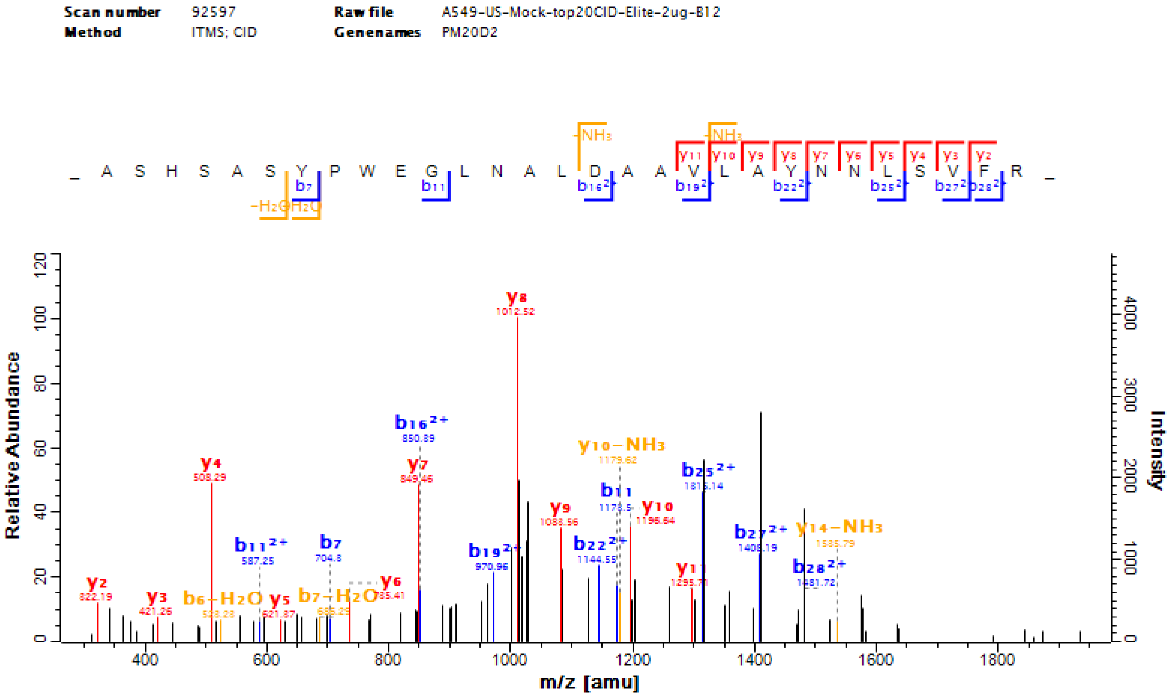
Protein Group ID: 3991
Protein Accession Numbers: Q8IYB5; Q8IYB5-2; Q8IYB5-3
Gene Names: SMAP1
Peptide Sequence: RPQTDQAVEFFIR
Total Number of Spectra: 8
Number of Replicates (out of 8): 7
Best Match Score: 133.32
Best Match Posterior Error Probability: 0.00010771
Best Match Spectrum:



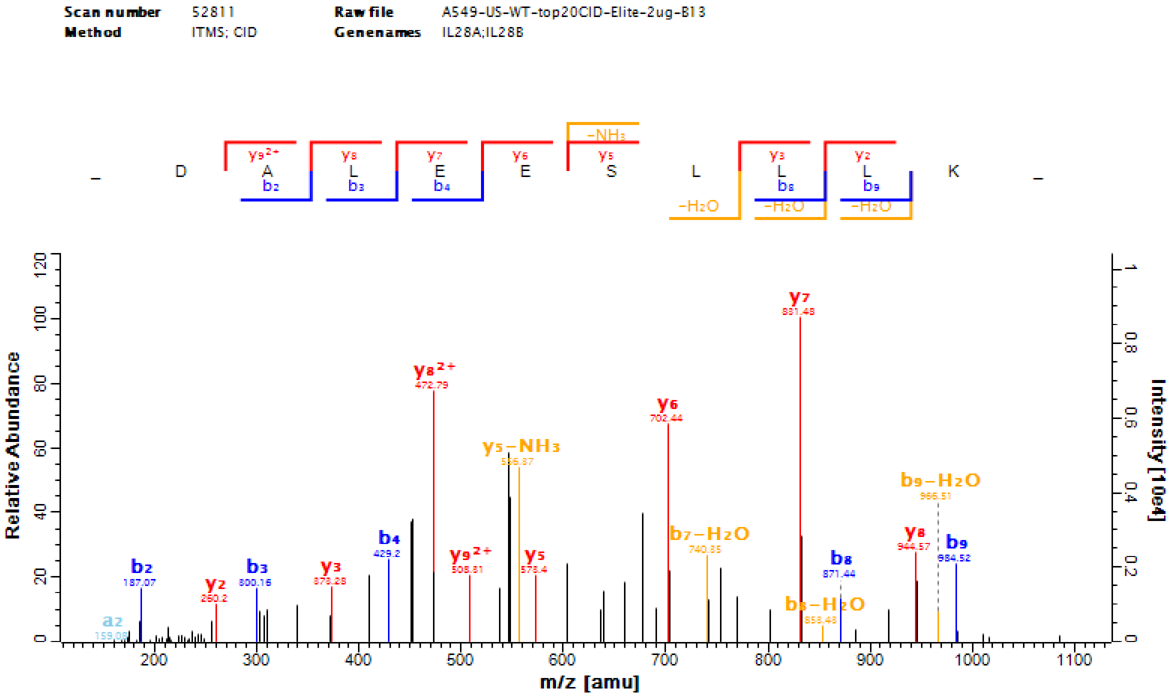
Protein Group ID: 3995
Protein Accession Numbers: Q8IYL3
Gene Names: C1orf174
Peptide Sequence: LASAQEVAGSTSAK
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 90.725
Best Match Posterior Error Probability: 0.0011283
Best Match Spectrum:



Protein Group ID: 3997
Protein Accession Numbers: Q8IYS1
Gene Names: PM20D2
Peptide Sequence: ASHSASYPWEGLNALDAAVLAYNNLSVFR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 61.417
Best Match Posterior Error Probability: 0.00033224
Best Match Spectrum:

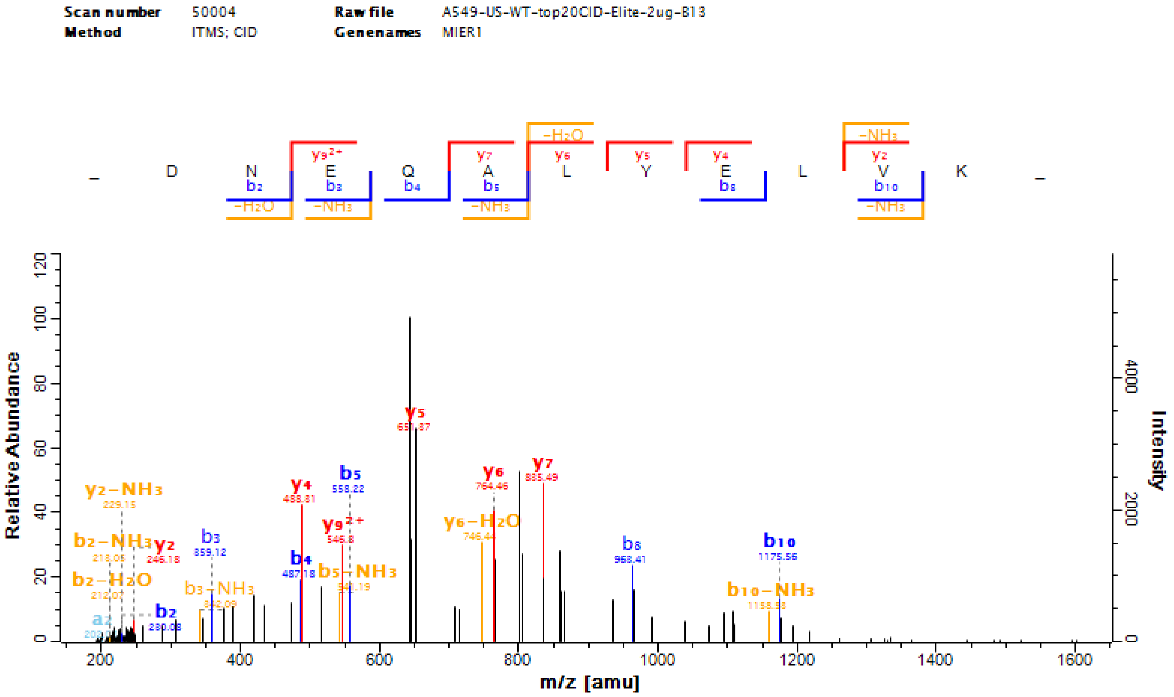


Protein Group ID: 4001
Protein Accession Numbers: Q8IZJ0; Q8IZI9
Gene Names: IL28A;IL28B
Peptide Sequence: DALEESLLLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 92.538
Best Match Posterior Error Probability: 0.0016515
Best Match Spectrum:

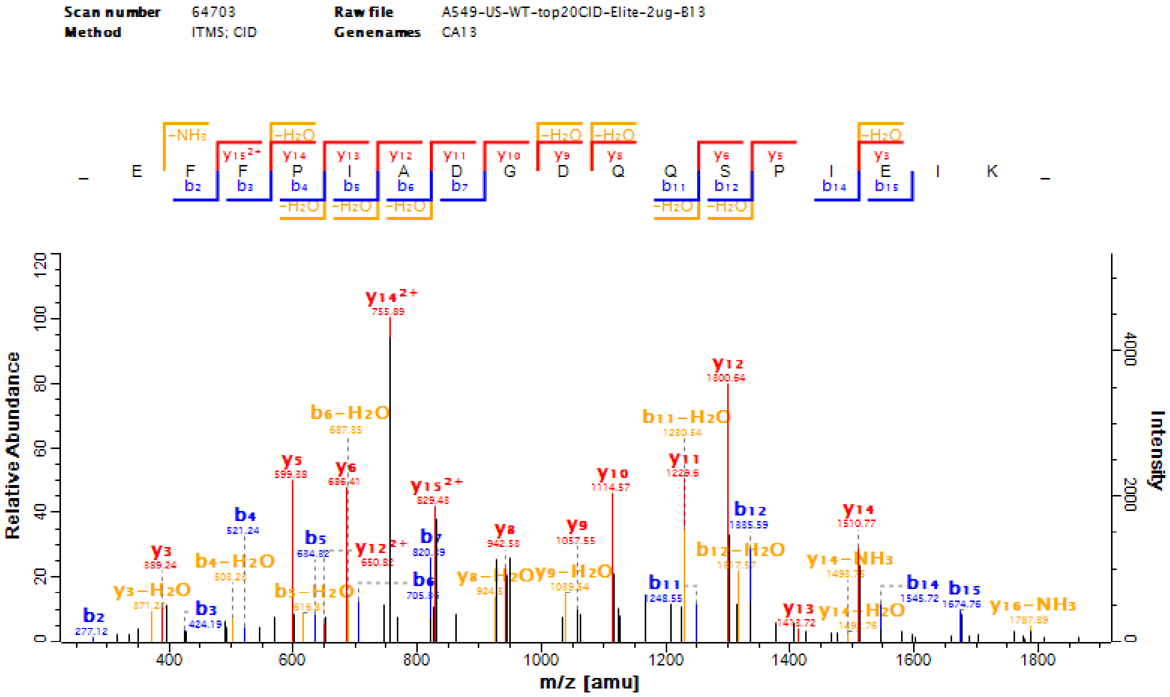


Scan number 52811
Method ITMS; CID
Raw file A549-US-WT-top20CID-Elite-2ug-B13
Genenames IL28A;IL28B

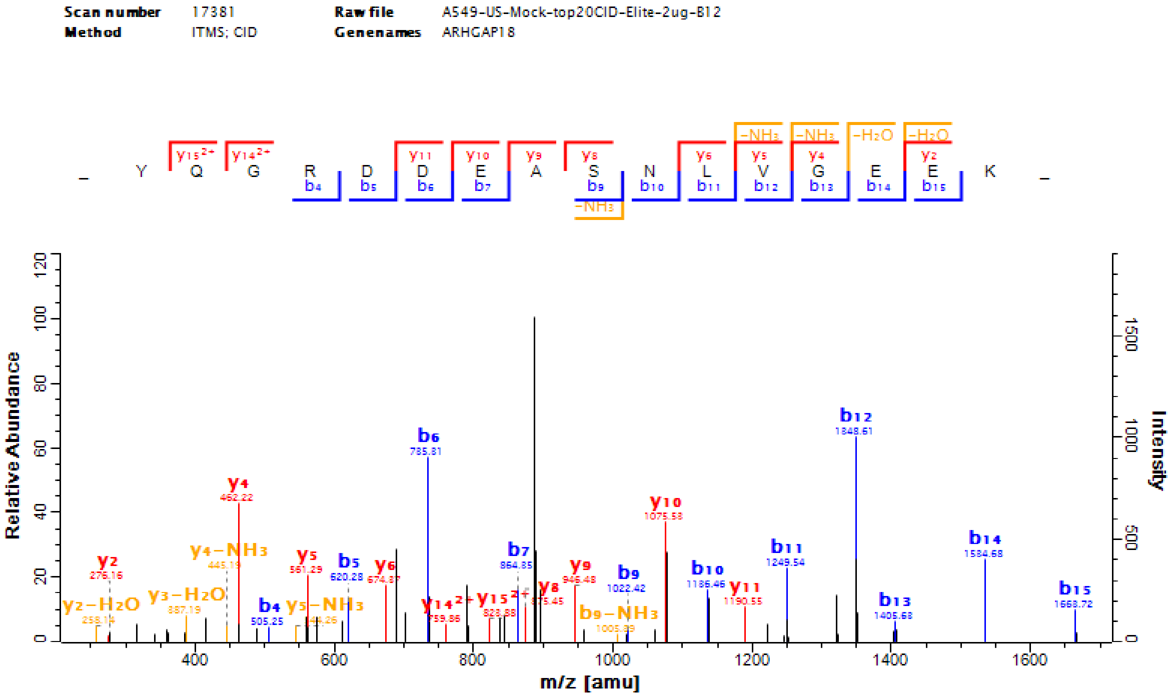
Protein Group ID: 4006
Protein Accession Numbers: Q8N108-12; Q8N108-13; Q8N108; Q8N108-15; Q8N108-17; Q8N108-18; Q8N108-14; Q8N108-16; Q8N108-19
Gene Names: MIER1
Peptide Sequence: DNEQALYELVK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 86.772
Best Match Posterior Error Probability: 0.0019088
Best Match Spectrum:



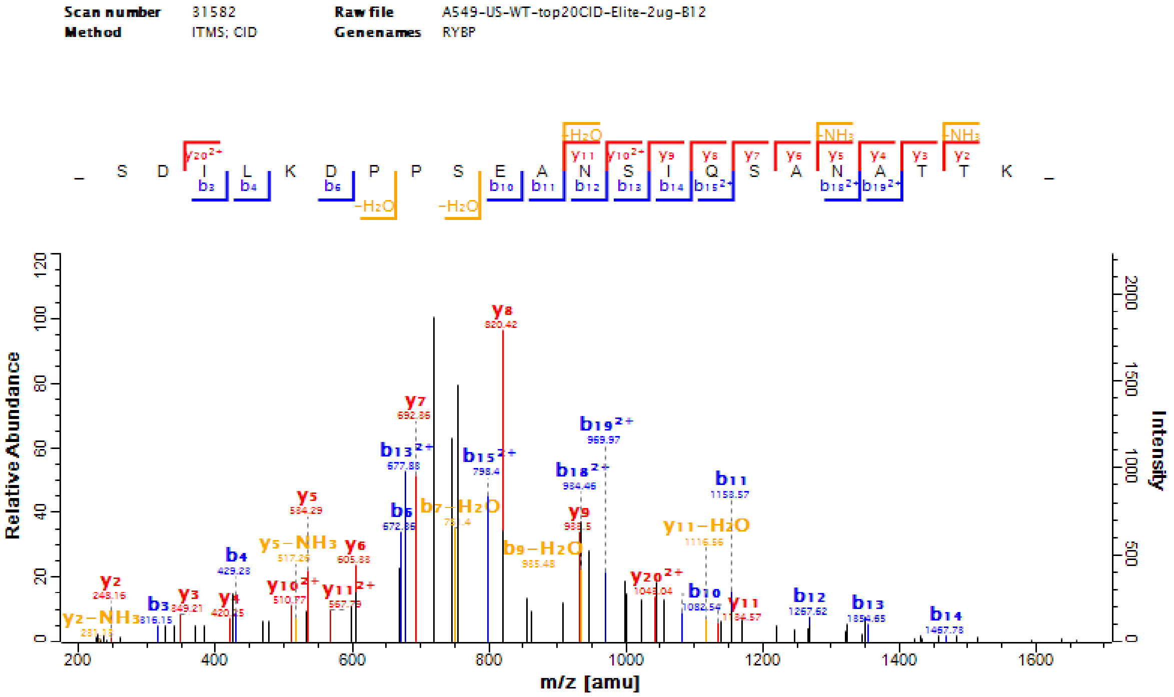
Protein Group ID: 4011
Protein Accession Numbers: Q8N1Q1
Gene Names: CA13
Peptide Sequence: EFFPIADGDQQSPIEIK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 202.41
Best Match Posterior Error Probability: 3.20E-30
Best Match Spectrum:



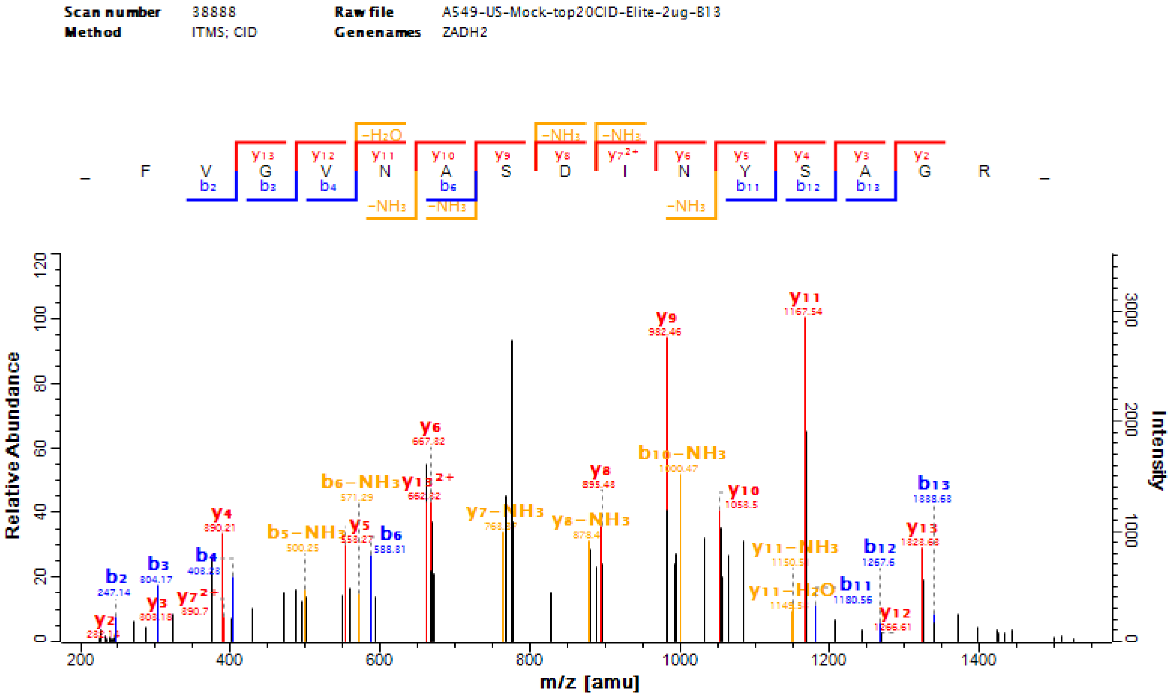
Protein Group ID: 4016
Protein Accession Numbers: Q8N392; Q8N392-2
Gene Names: ARHGAP18
Peptide Sequence: YQGRDDEASNLVGEEK
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 133.86
Best Match Posterior Error Probability: 0.00022249
Best Match Spectrum:



Protein Group ID: 4023
Protein Accession Numbers: Q8N488
Gene Names: RYBP
Peptide Sequence: SDILKDPPSEANSIQSANATTK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 99.569
Best Match Posterior Error Probability: 5.12E-05
Best Match Spectrum:

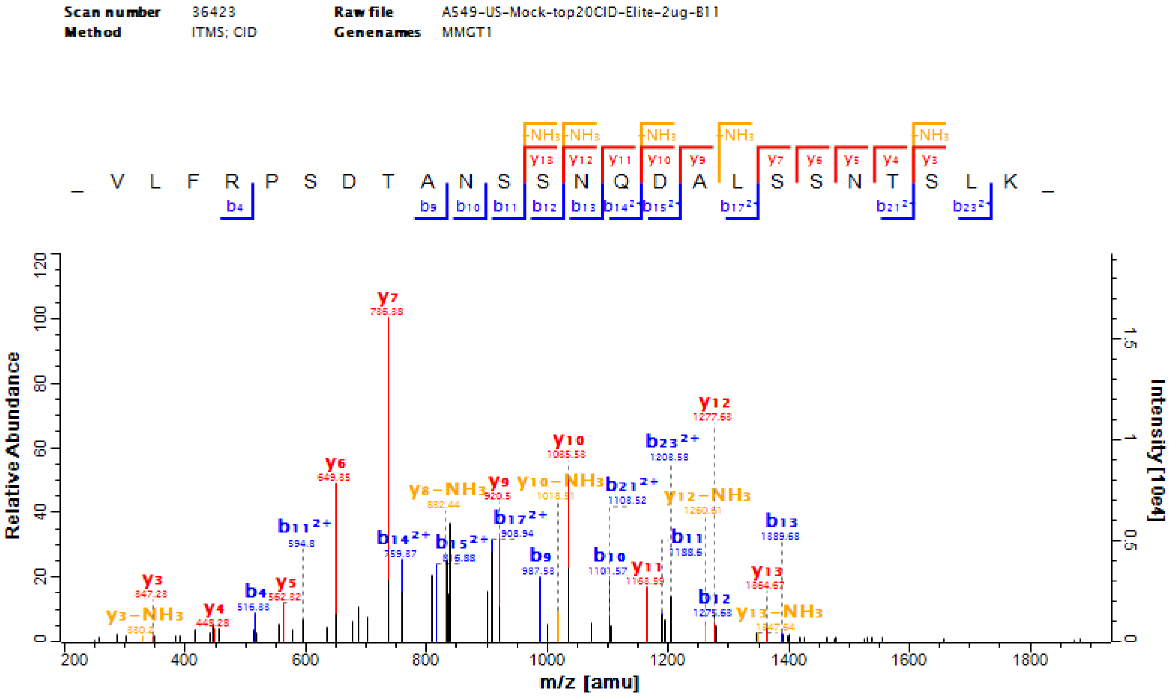


Protein Group ID: 4027
Protein Accession Numbers: Q8N4Q0
Gene Names: ZADH2
Peptide Sequence: FVGVNASDINYSAGR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 112.96
Best Match Posterior Error Probability: 0.00010689
Best Match Spectrum:

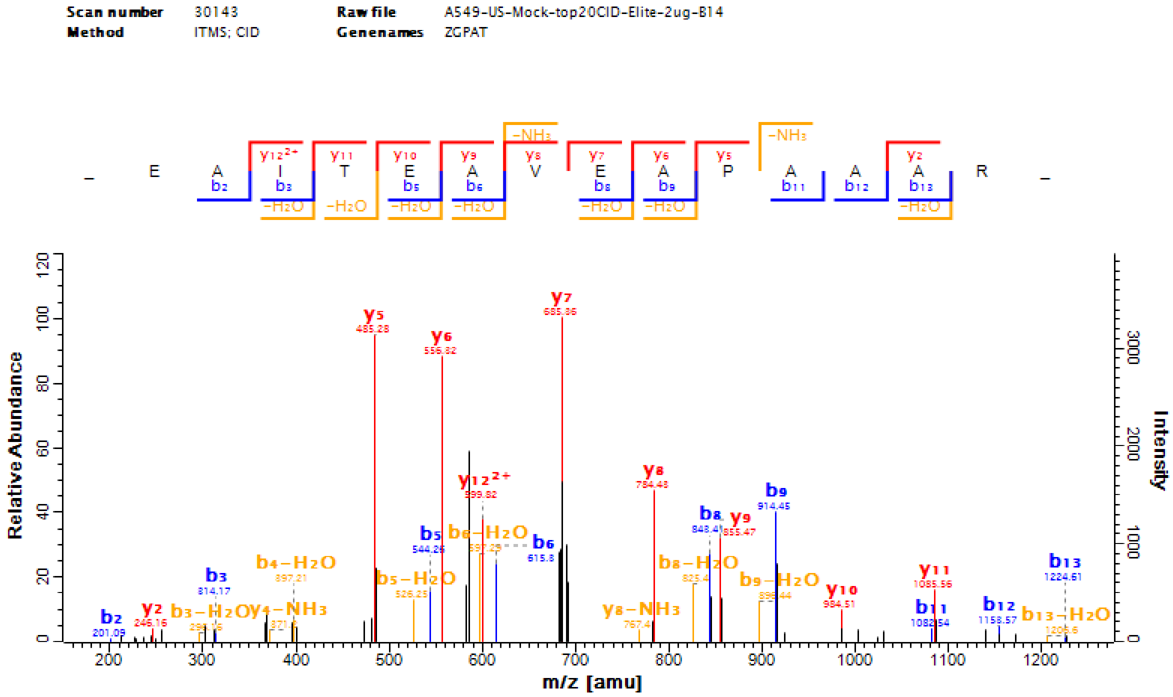


Scan number 38888 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** ZADH2

Protein Group ID: 4029
Protein Accession Numbers: Q8N4V1-2; Q8N4V1
Gene Names: MMGT1
Peptide Sequence: VLFRPSDTANSSNQDALSSNTSLK
Total Number of Spectra: 10
Number of Replicates (out of 8): 8
Best Match Score: 124.08
Best Match Posterior Error Probability: 2.53E-11
Best Match Spectrum:

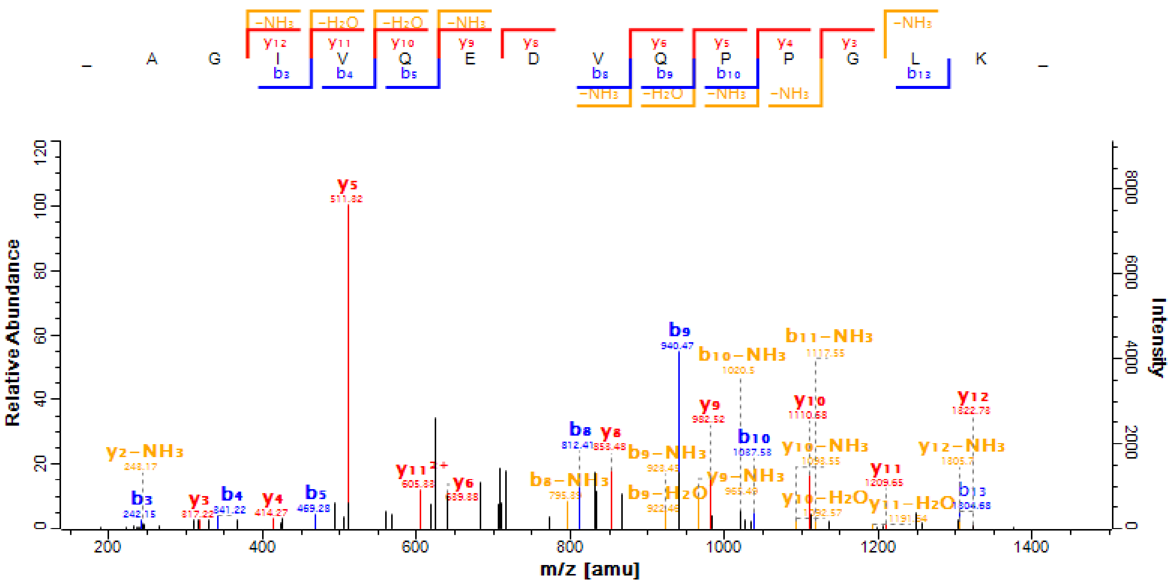


Protein Group ID: 4031
Protein Accession Numbers: Q8N5A5; Q8N5A5-2; Q8N5A5-3
Gene Names: ZGPAT
Peptide Sequence: EAITEAVEAPAAAR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 146.79
Best Match Posterior Error Probability: 2.19E-06
Best Match Spectrum:

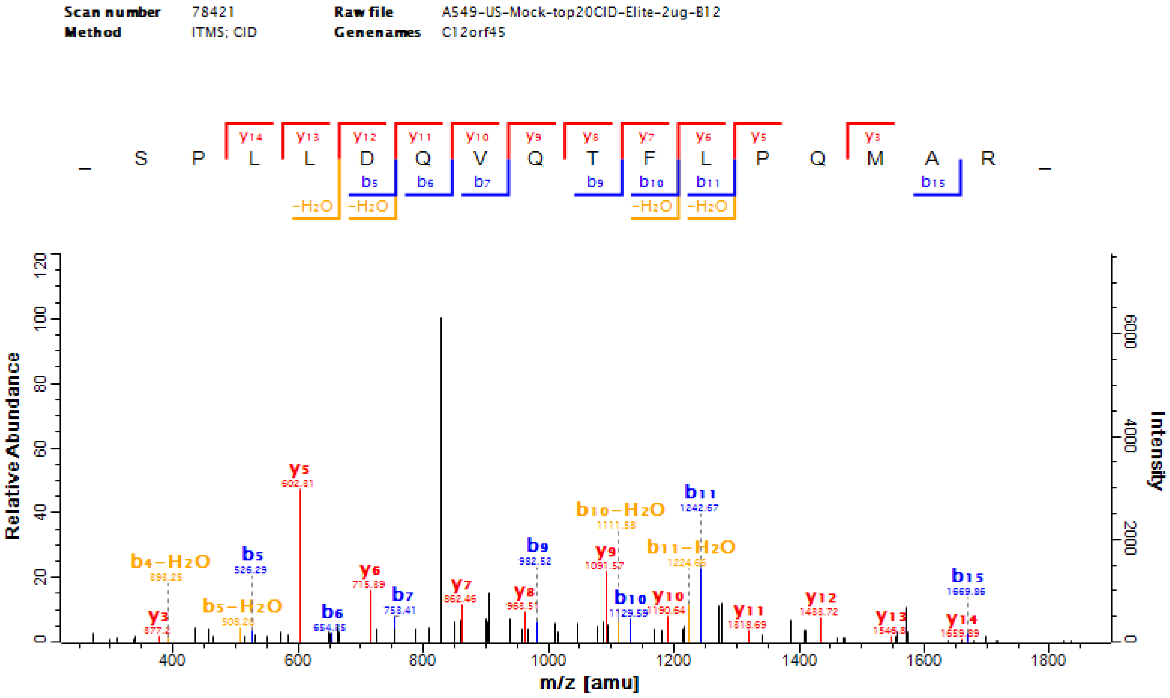


Protein Group ID: 4034
Protein Accession Numbers: Q8N5G0; Q8N5G0-2
Gene Names: C4orf52
Peptide Sequence: AGIVQEDVQPPGLK
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 143.94
Best Match Posterior Error Probability: 7.11E-06
Best Match Spectrum:

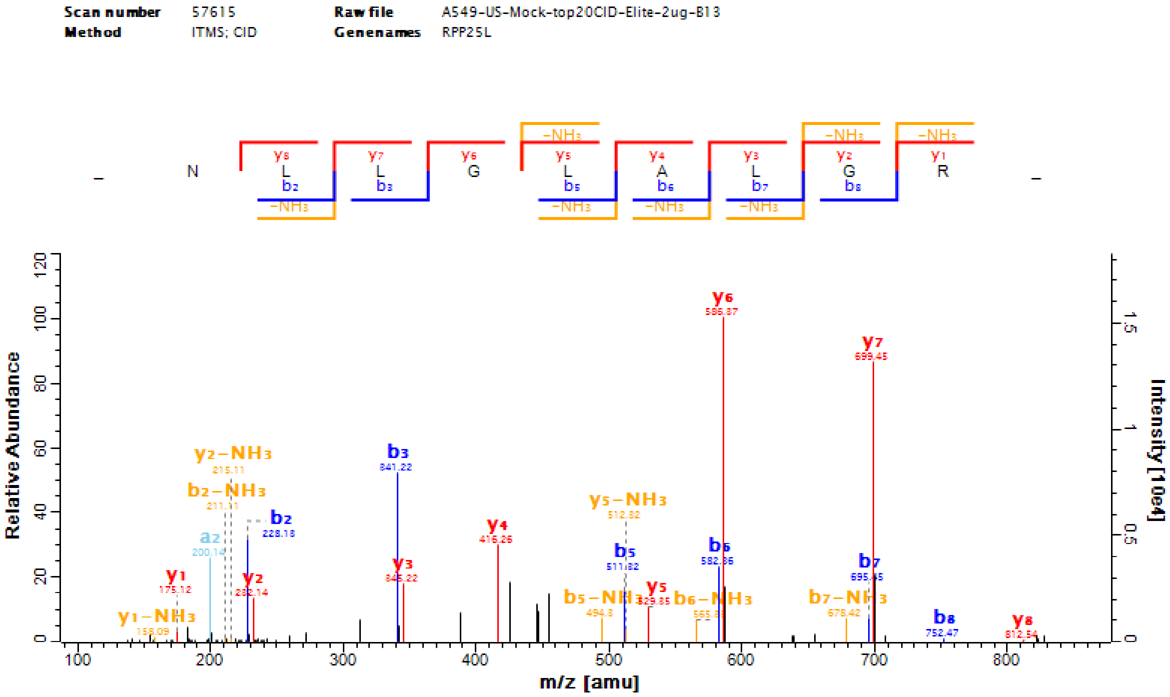
Scan number	37720	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	C4orf52



Protein Group ID: 4035
Protein Accession Numbers: Q8N5I9
Gene Names: C12orf45
Peptide Sequence: SPLLDQVQTFLPQMAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 95.767
Best Match Posterior Error Probability: 0.00031126
Best Match Spectrum:



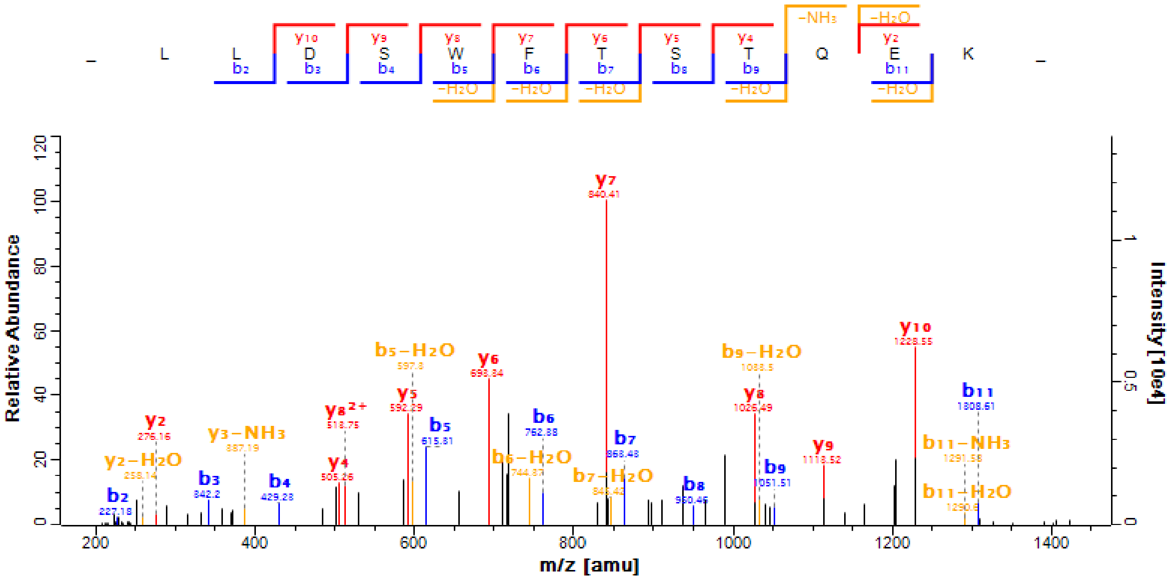
Protein Group ID: 4036
Protein Accession Numbers: Q8N5L8
Gene Names: RPP25L
Peptide Sequence: NLLGLALGR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 149.82
Best Match Posterior Error Probability: 1.93E-05
Best Match Spectrum:



Scan number 57615 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** RPP25L

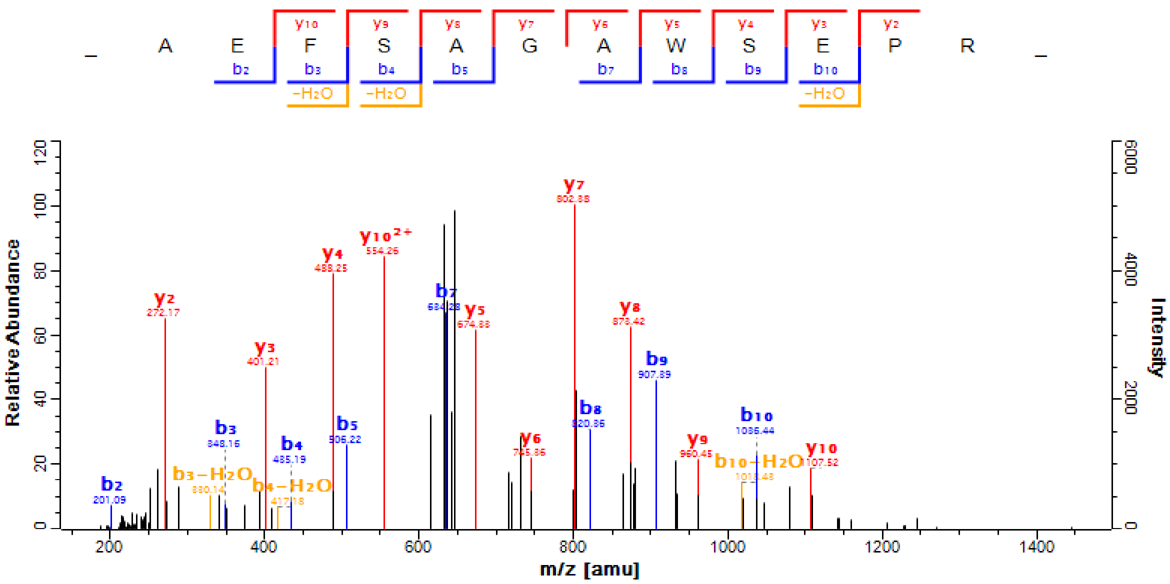
Protein Group ID: 4037
Protein Accession Numbers: Q8N5M9
Gene Names: JAGN1
Peptide Sequence: LLDSWFTSTQEK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 156.36
Best Match Posterior Error Probability: 3.80E-07
Best Match Spectrum:

Scan number	56051	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	JAGN1

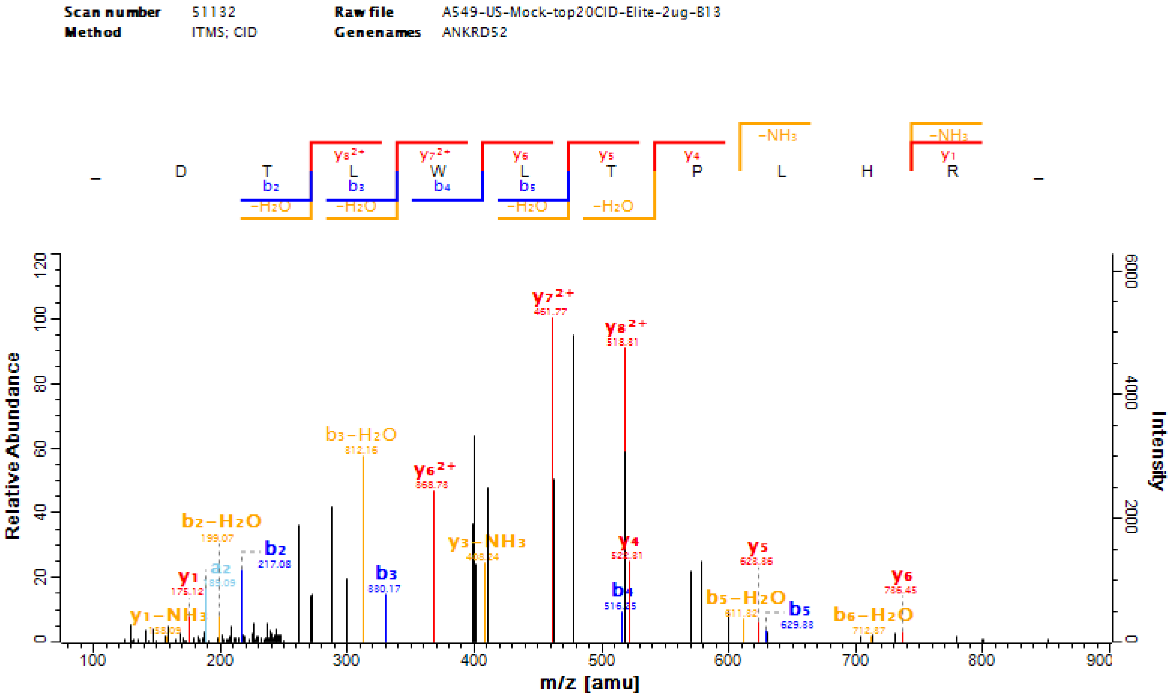


Protein Group ID: 4044
Protein Accession Numbers: Q8N6S5
Gene Names: ARL6IP6
Peptide Sequence: AEFSAGAWSEPR
Total Number of Spectra: 5
Number of Replicates (out of 8): 3
Best Match Score: 124.12
Best Match Posterior Error Probability: 0.00010302
Best Match Spectrum:

Scan number 35999 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** ARL6IP6

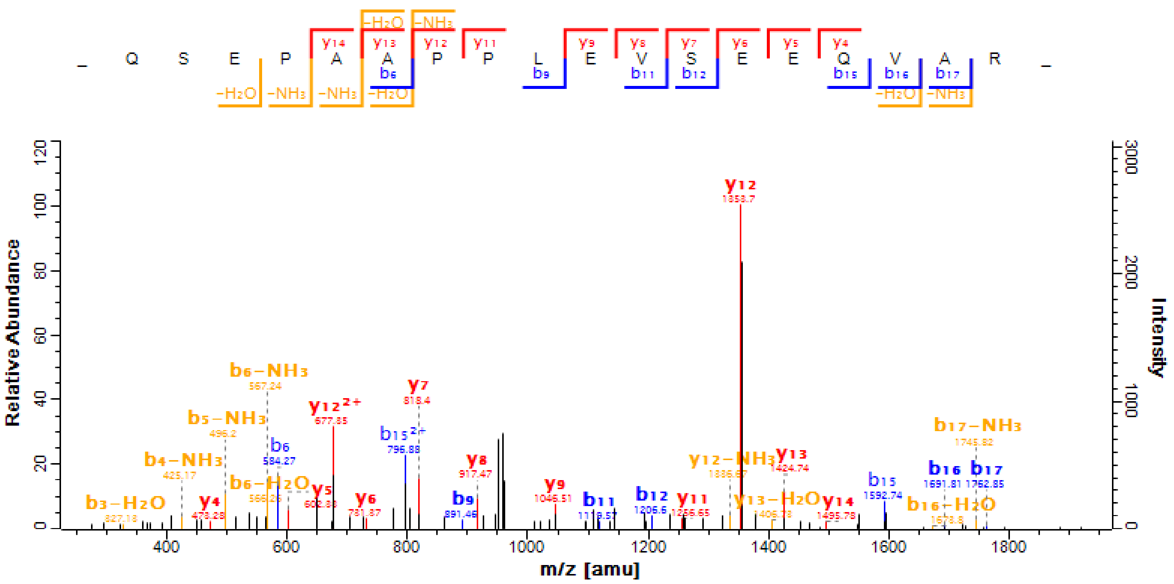


Protein Group ID: 4055
Protein Accession Numbers: Q8NB46
Gene Names: ANKRD52
Peptide Sequence: DTLWLTPLHR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 100.02
Best Match Posterior Error Probability: 0.00078513
Best Match Spectrum:

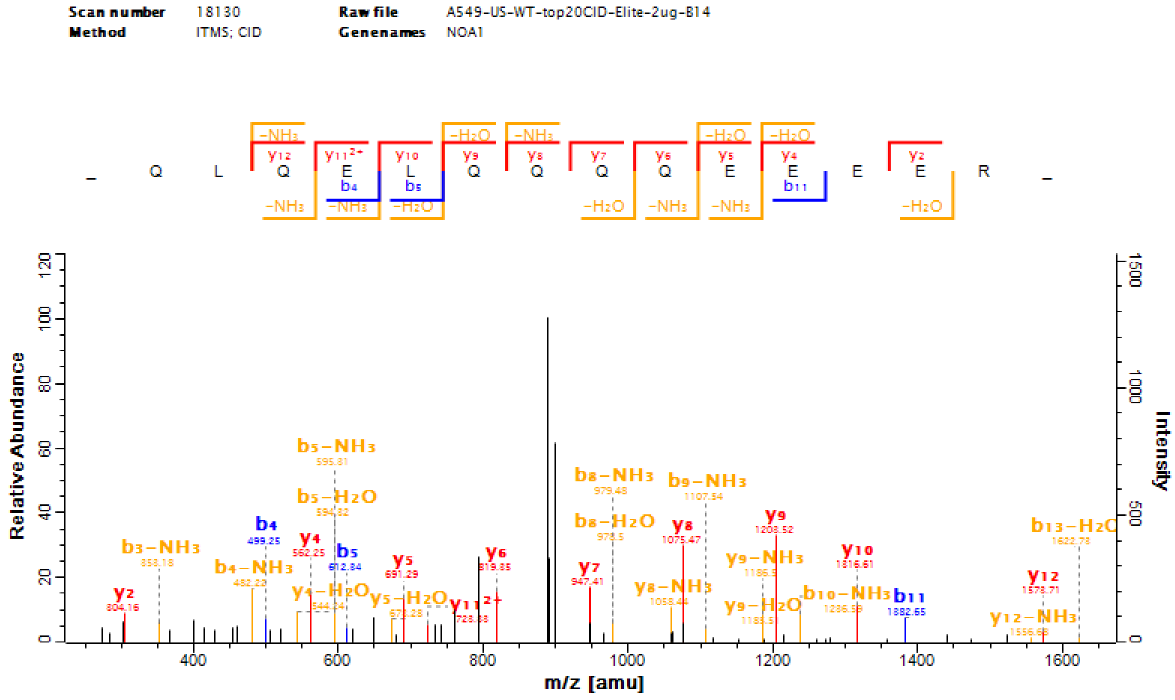


Protein Group ID: 4061
Protein Accession Numbers: Q8NBM4; Q8NBM4-2; Q8NBM4-3; Q8NBM4-4
Gene Names: UBAC2
Peptide Sequence: QSEPAAPPLEVSEEQVAR
Total Number of Spectra: 6
Number of Replicates (out of 8): 4
Best Match Score: 98.169
Best Match Posterior Error Probability: 0.00019595
Best Match Spectrum:

Scan number 37912 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** UBAC2

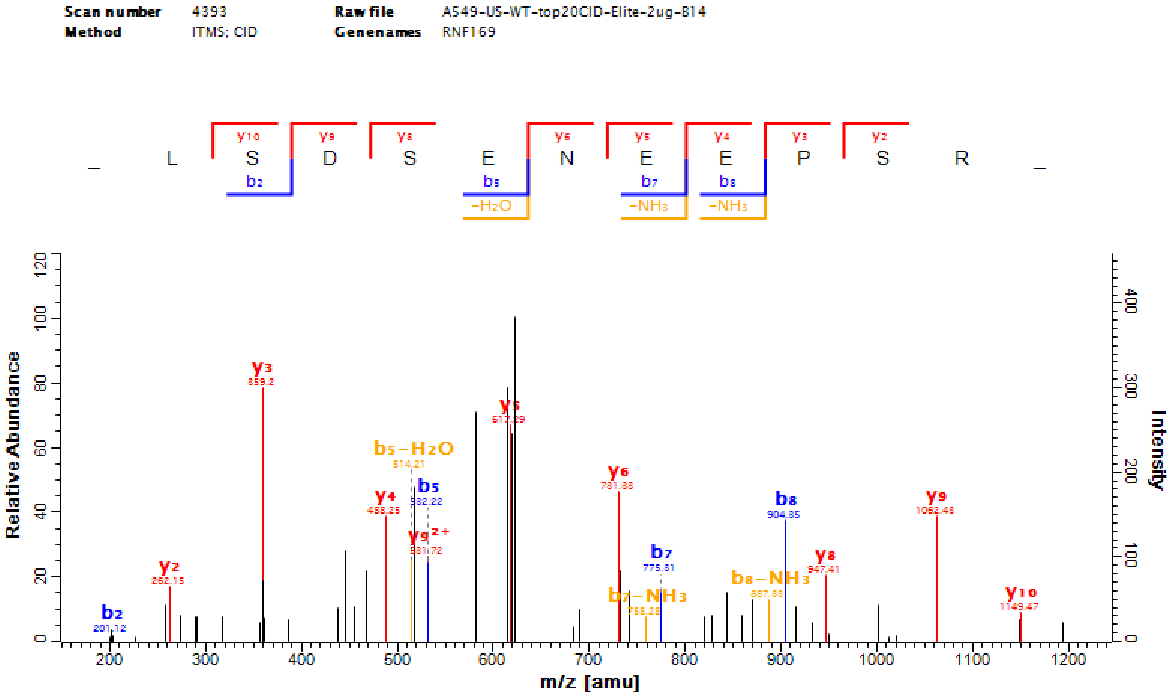


Protein Group ID: 4071
Protein Accession Numbers: Q8NC60
Gene Names: NOA1
Peptide Sequence: QLQELQQQQEEEER
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 144.27
Best Match Posterior Error Probability: 5.96E-06
Best Match Spectrum:

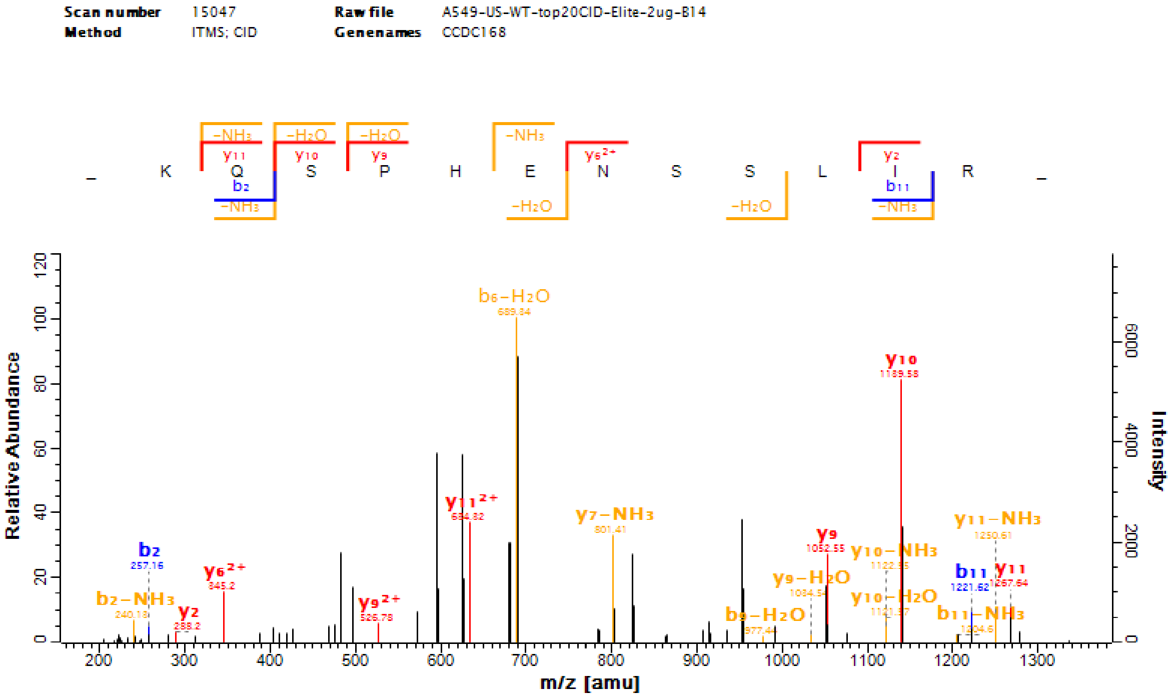


Scan number 18130 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** NOA1

Protein Group ID: 4074
Protein Accession Numbers: Q8NCN4
Gene Names: RNF169
Peptide Sequence: LSDSENEEPSR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 85.522
Best Match Posterior Error Probability: 0.0022799
Best Match Spectrum:

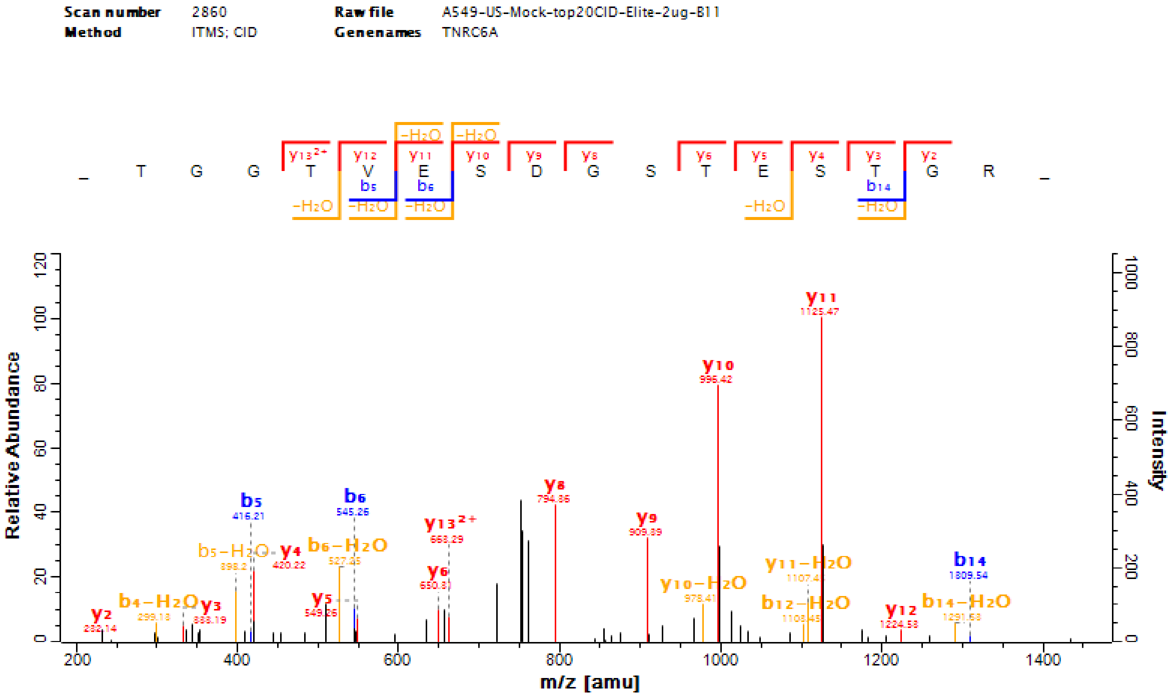


Protein Group ID: 4079
Protein Accession Numbers: Q8NDH2
Gene Names: CCDC168
Peptide Sequence: KQSPHENSSLIR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 87.184
Best Match Posterior Error Probability: 0.0040334
Best Match Spectrum:

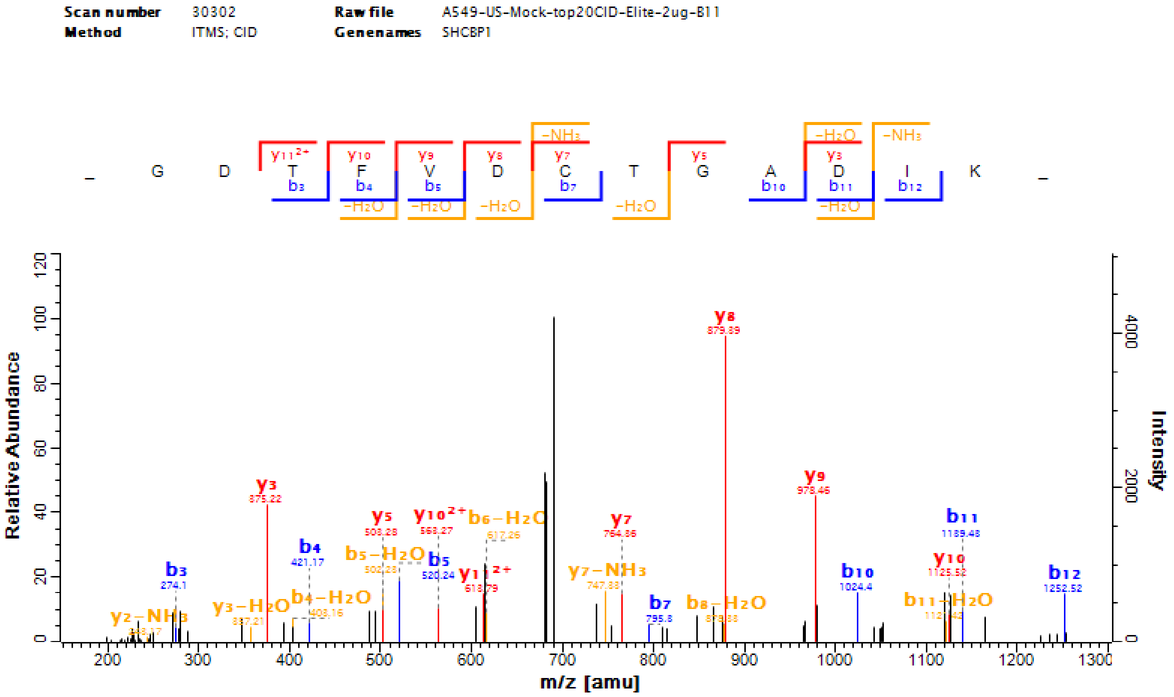


Scan number 15047 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** CCDC168

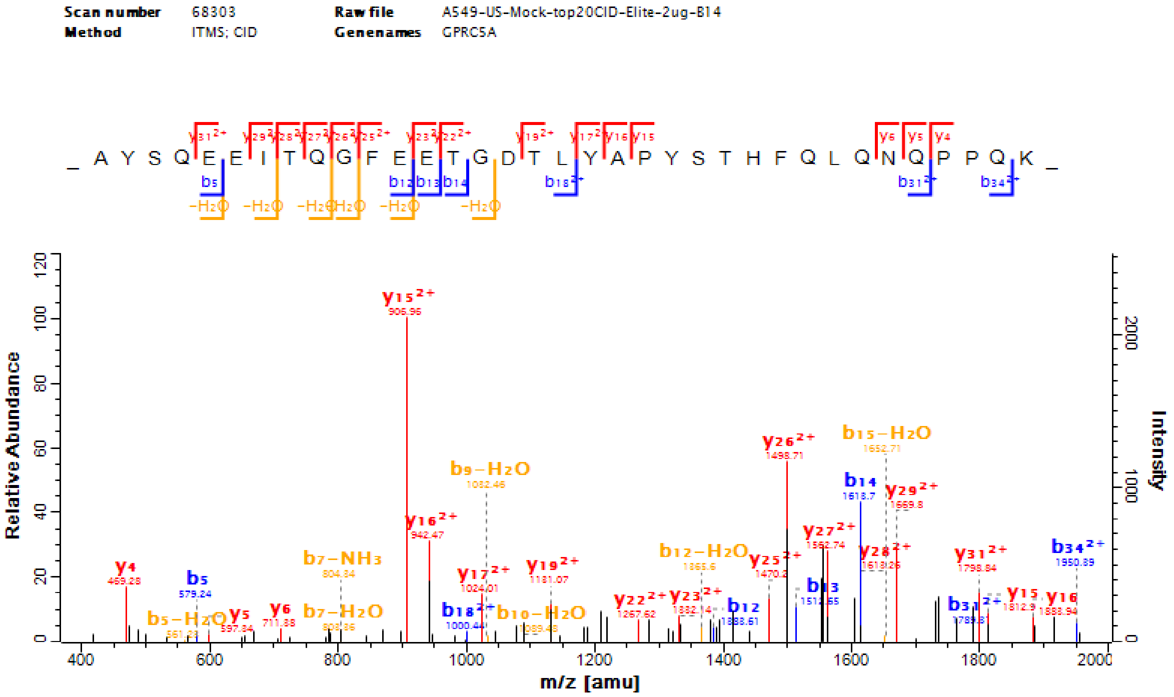
Protein Group ID: 4082
Protein Accession Numbers: Q8NDV7; Q8NDV7-5; Q8NDV7-6; Q8NDV7-2
Gene Names: TNRC6A
Peptide Sequence: TGGTVESDGSTESTGR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 104.41
Best Match Posterior Error Probability: 0.00014064
Best Match Spectrum:



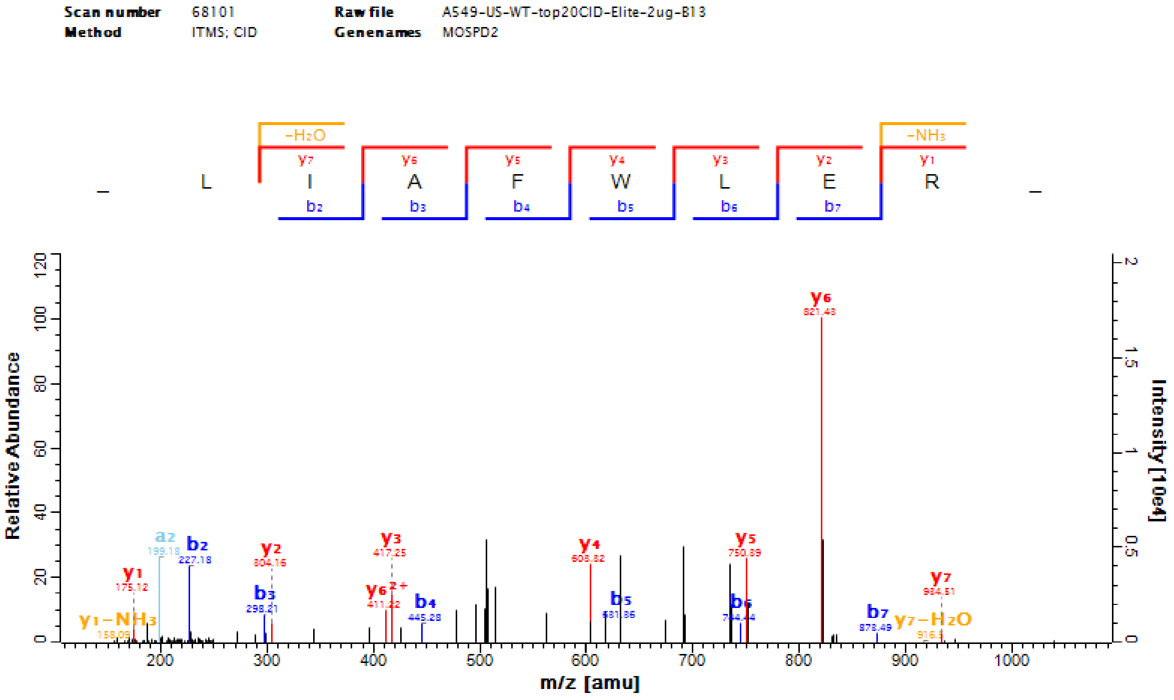
Protein Group ID: 4087
Protein Accession Numbers: Q8NEM2
Gene Names: SHCBP1
Peptide Sequence: GDTFVDCTGADIK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 113.24
Best Match Posterior Error Probability: 0.00026425
Best Match Spectrum:



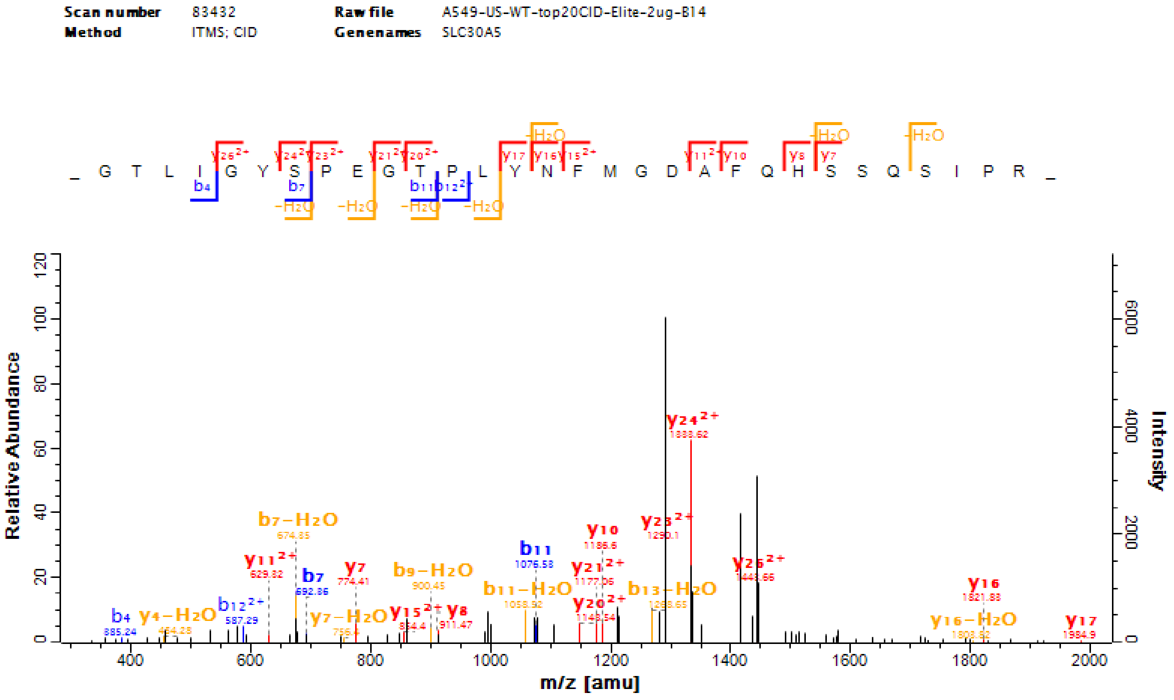
Protein Group ID: 4095
Protein Accession Numbers: Q8NFJ5
Gene Names: GPRC5A
Peptide Sequence: AYSQEEITQGFEETGDTLYAPYSTHFQLQNQPPQK
Total Number of Spectra: 12
Number of Replicates (out of 8): 7
Best Match Score: 100.95
Best Match Posterior Error Probability: 4.28E-18
Best Match Spectrum:



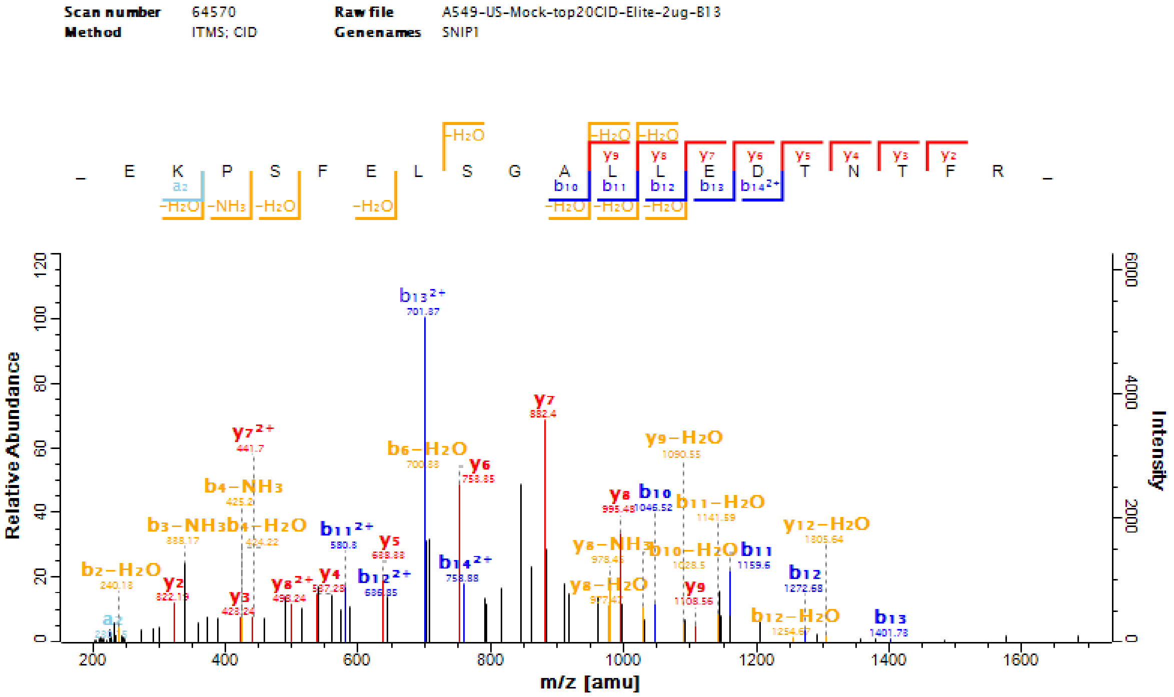
Protein Group ID: 4099
Protein Accession Numbers: Q8NHP6; Q8NHP6-2
Gene Names: MOSPD2
Peptide Sequence: LIAFWLER
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 111.95
Best Match Posterior Error Probability: 0.0027497
Best Match Spectrum:



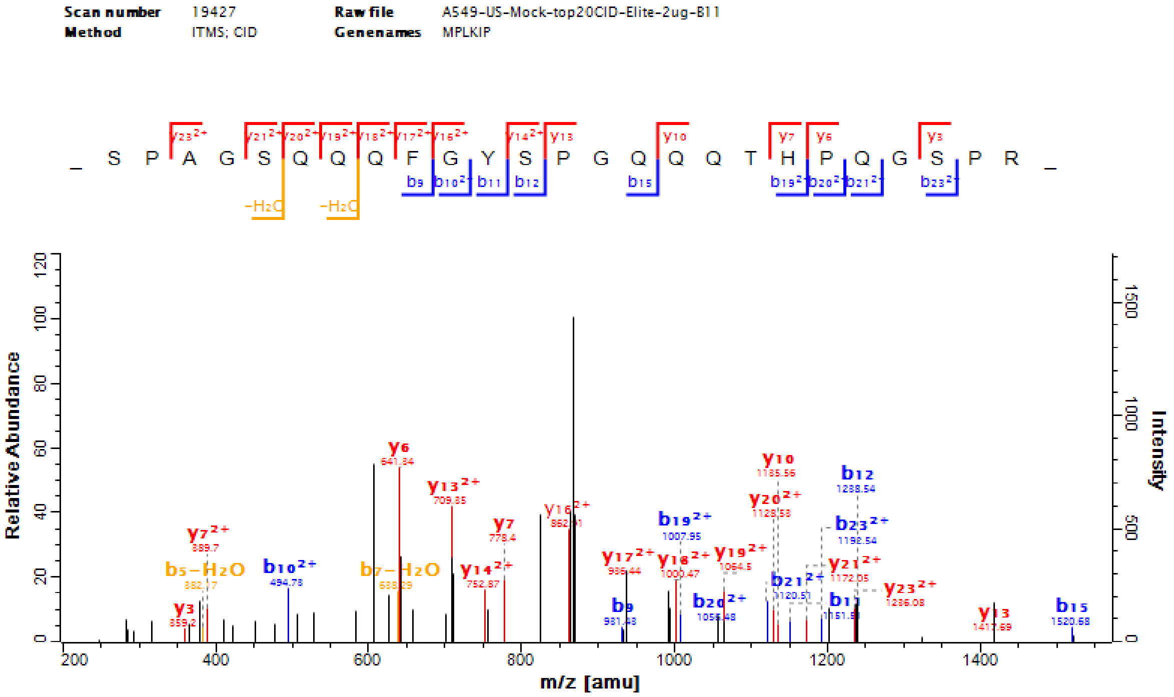
Protein Group ID: 4107
Protein Accession Numbers: Q8TAD4; Q8TAD4-2
Gene Names: SLC30A5
Peptide Sequence: GTLIGYSPEGTPLYNFMGDAFQHSSQSIPR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 58.272
Best Match Posterior Error Probability: 0.00052967
Best Match Spectrum:



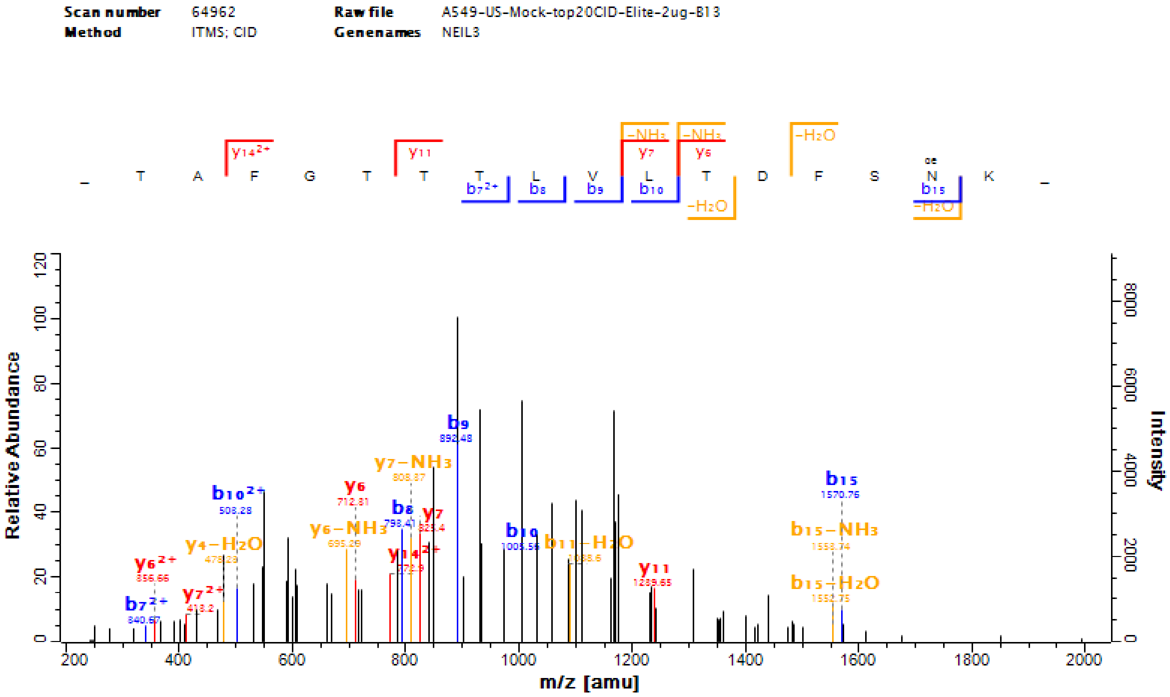
Protein Group ID: 4108
Protein Accession Numbers: Q8TAD8
Gene Names: SNIP1
Peptide Sequence: EKPSFELSGALLEDTNTFR
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 117.18
Best Match Posterior Error Probability: 9.88E-05
Best Match Spectrum:



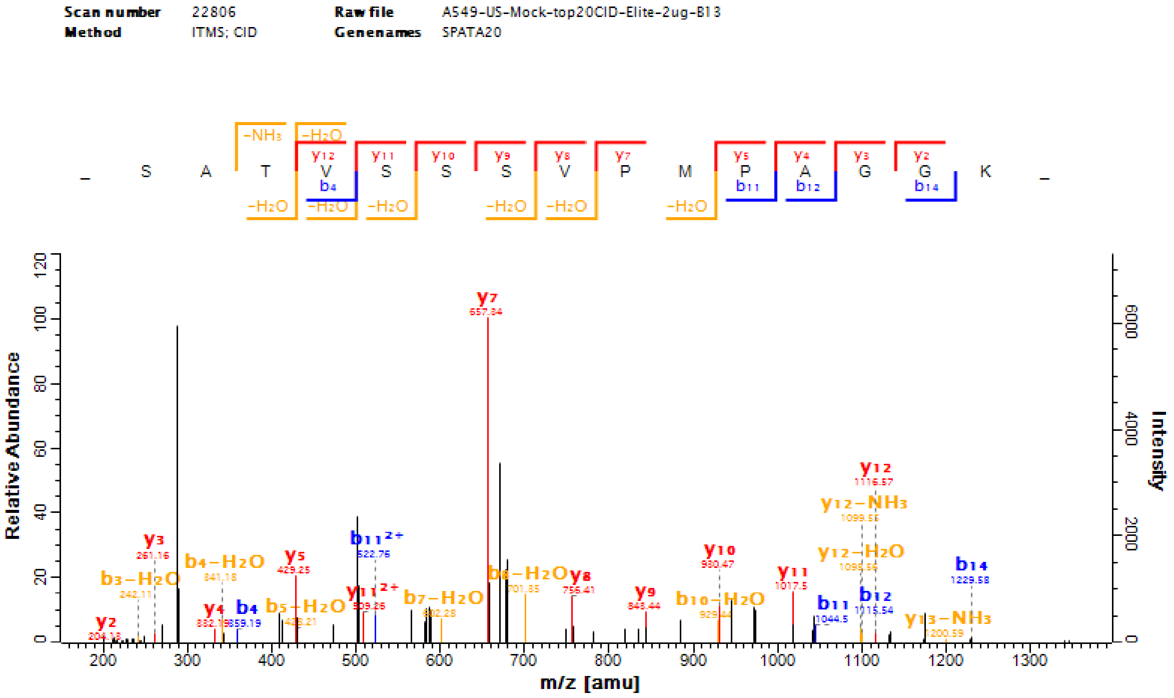
Protein Group ID: 4111
Protein Accession Numbers: Q8TAP9
Gene Names: MPLKIP
Peptide Sequence: SPAGSQQQFGYSPGQQQTHPQGSPR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 80.109
Best Match Posterior Error Probability: 9.03E-05
Best Match Spectrum:



Protein Group ID: 4113
Protein Accession Numbers: Q8TAT5
Gene Names: NEIL3
Peptide Sequence: TAFGTTTLVLTDFSNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 81.904
Best Match Posterior Error Probability: 0.0084319
Best Match Spectrum:

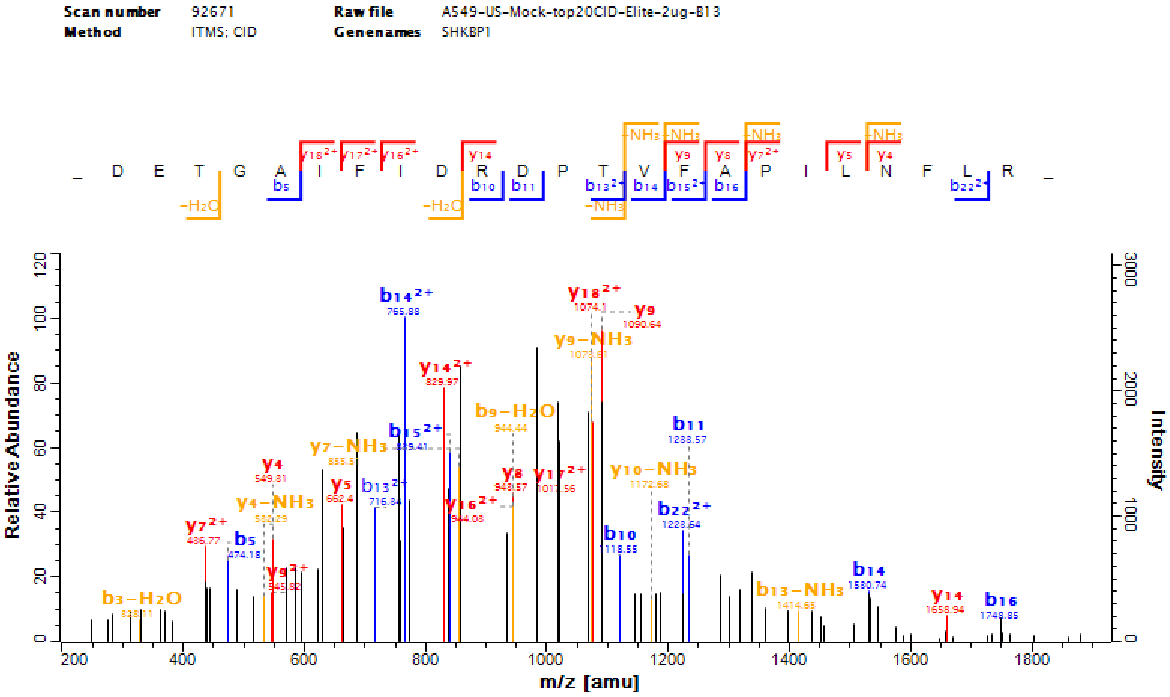


Protein Group ID: 4115
Protein Accession Numbers: Q8TB22-2; Q8TB22; Q8TB22-4
Gene Names: SPATA20
Peptide Sequence: SATVSSSVPMPAGGK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 76.01
Best Match Posterior Error Probability: 0.0034692
Best Match Spectrum:



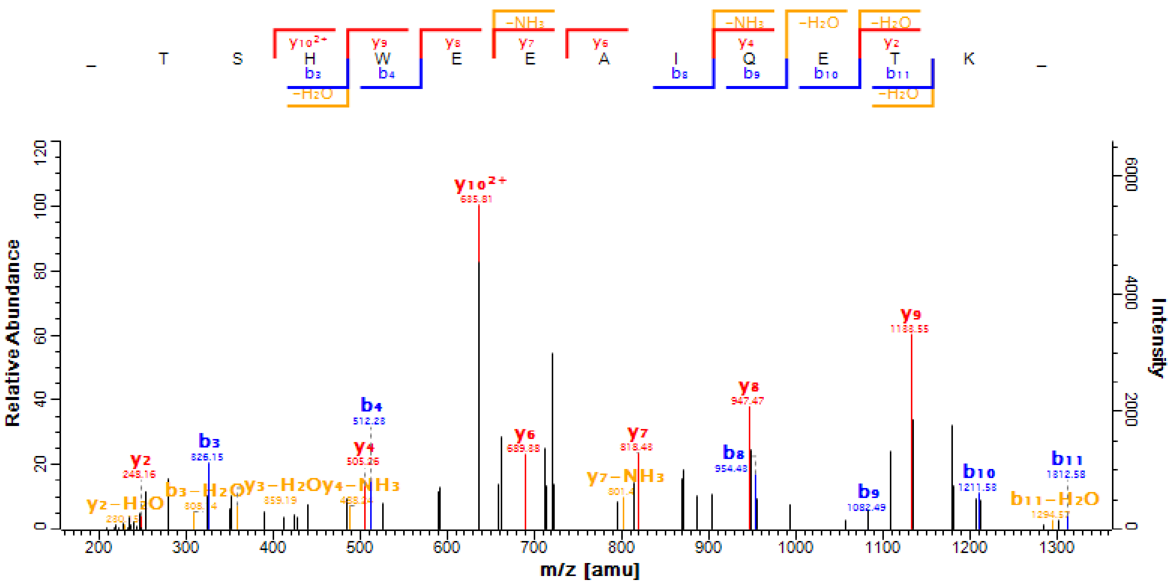
Scan number 22806 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** SPATA20

Protein Group ID: 4118
Protein Accession Numbers: Q8TBC3; Q8TBC3-2
Gene Names: SHKBP1
Peptide Sequence: DETGAIFIDRDPTVFAPILNFLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 90.453
Best Match Posterior Error Probability: 5.36E-05
Best Match Spectrum:



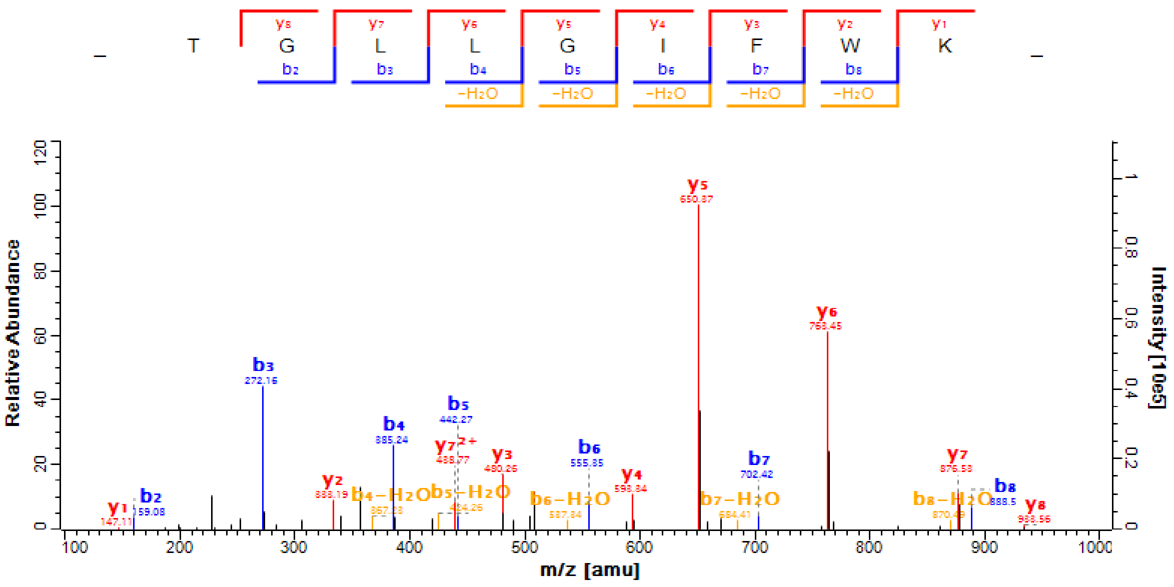
Protein Group ID: 4120
Protein Accession Numbers: Q8TBE9
Gene Names: NANP
Peptide Sequence: TSHWEEAIQETK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 78.964
Best Match Posterior Error Probability: 0.0036036
Best Match Spectrum:

Scan number	24826	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	NANP



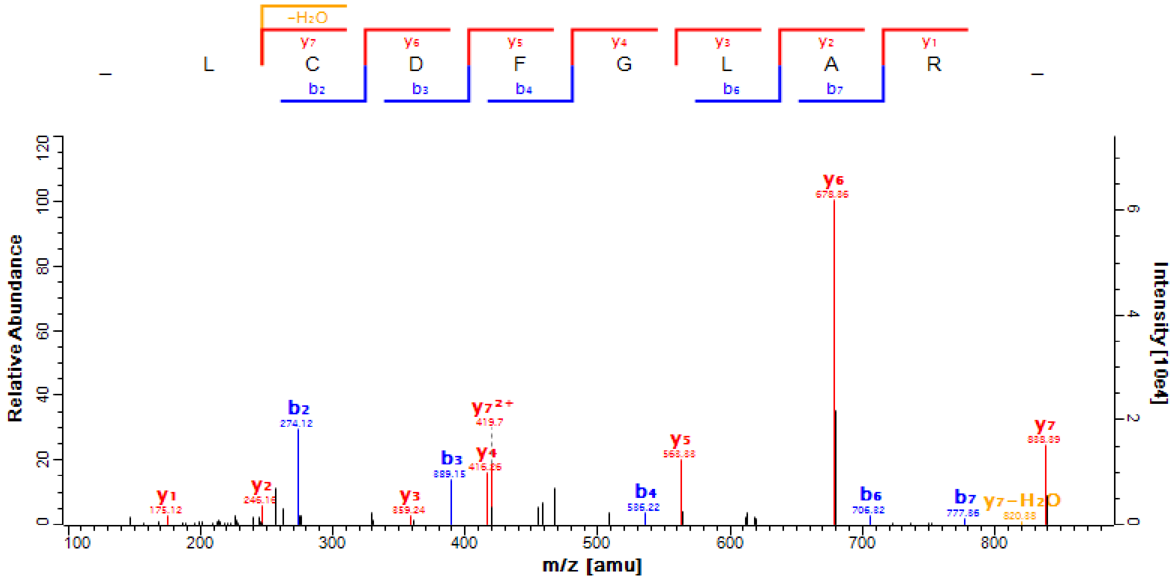
Protein Group ID: 4122
Protein Accession Numbers: Q8TBQ9
Gene Names: TMEM167A
Peptide Sequence: TGLLGIFWK
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 175.51
Best Match Posterior Error Probability: 2.23E-06
Best Match Spectrum:

Scan number 77772 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** TMEM167A

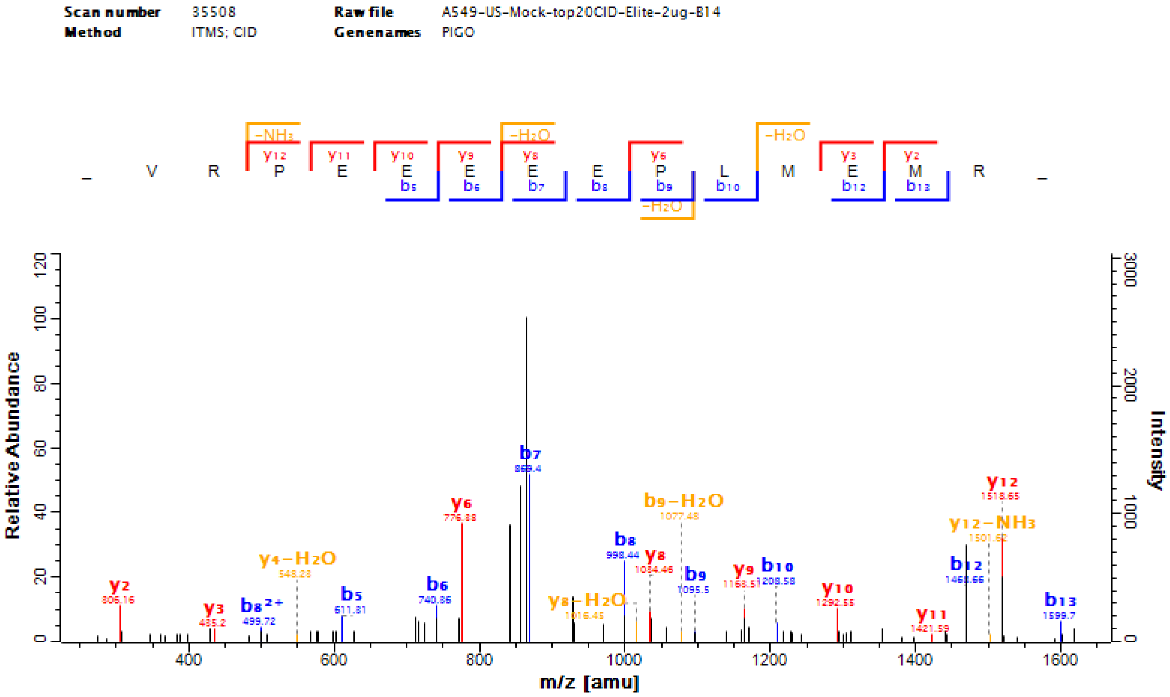


Protein Group ID: 4132
Protein Accession Numbers: Q8TD08; Q8TD08-3; Q8TD08-2
Gene Names: MAPK15
Peptide Sequence: LCDFGLAR
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 117.04
Best Match Posterior Error Probability: 0.002303
Best Match Spectrum:

Scan number 32624 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** MAPK15

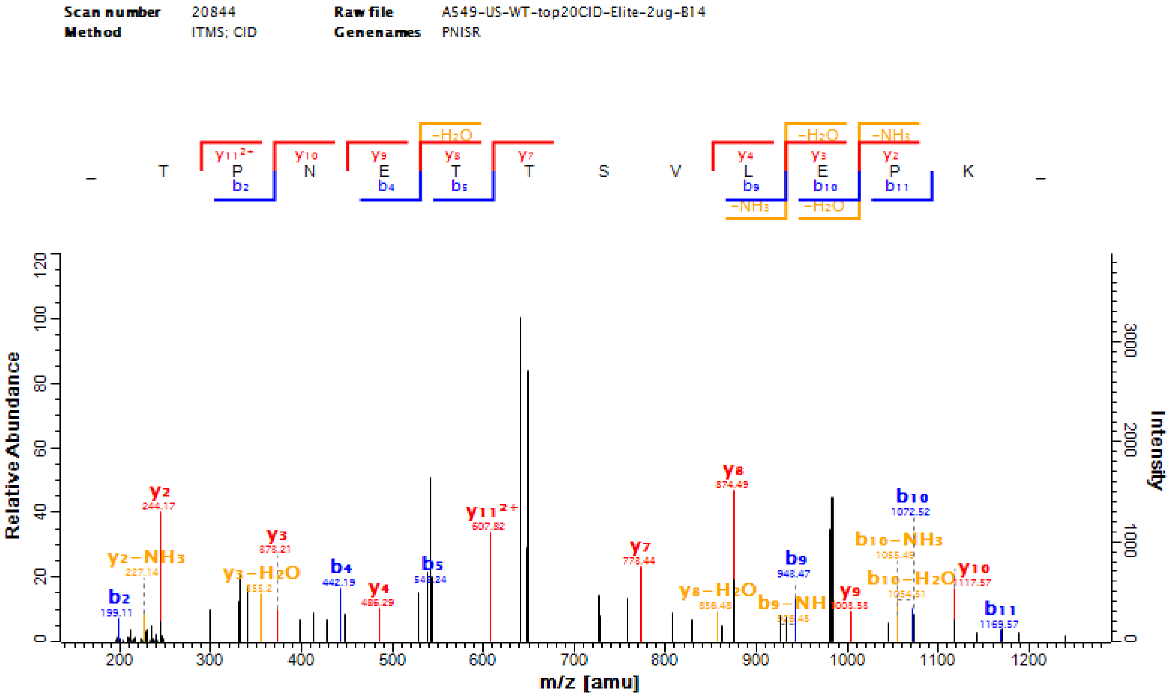


Protein Group ID: 4146
Protein Accession Numbers: Q8TEQ8; Q8TEQ8-2
Gene Names: PIGO
Peptide Sequence: VRPEEEEEPLMEMR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 95.067
Best Match Posterior Error Probability: 0.0032572
Best Match Spectrum:

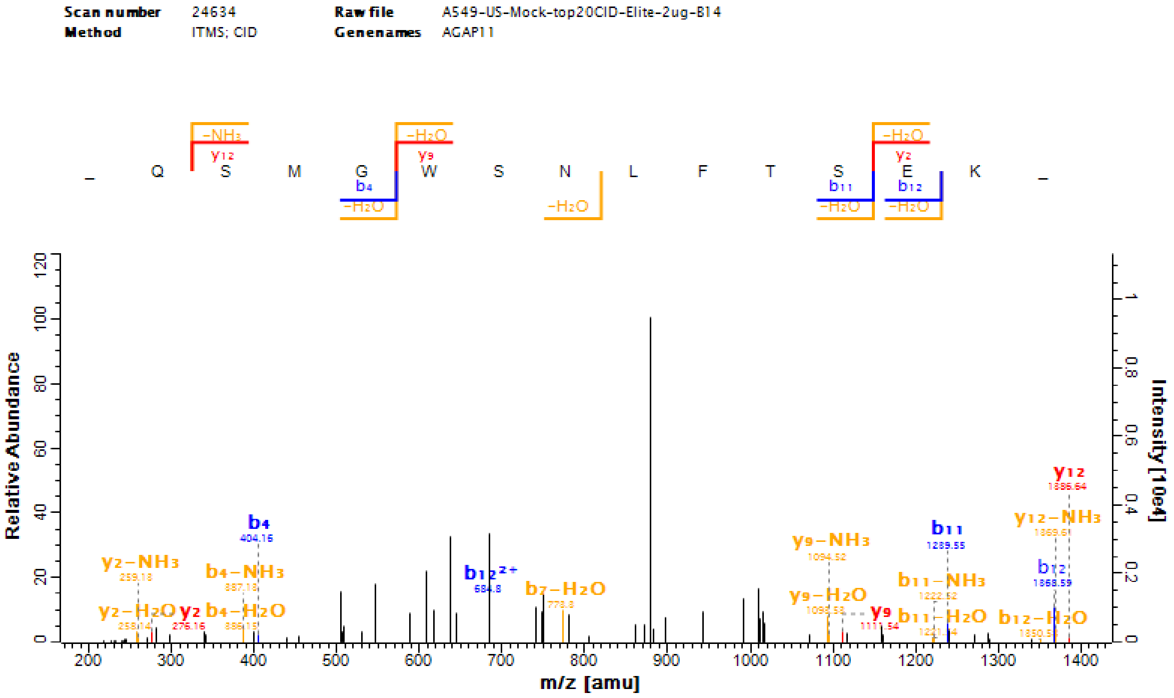


Scan number 35508 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** PIGO

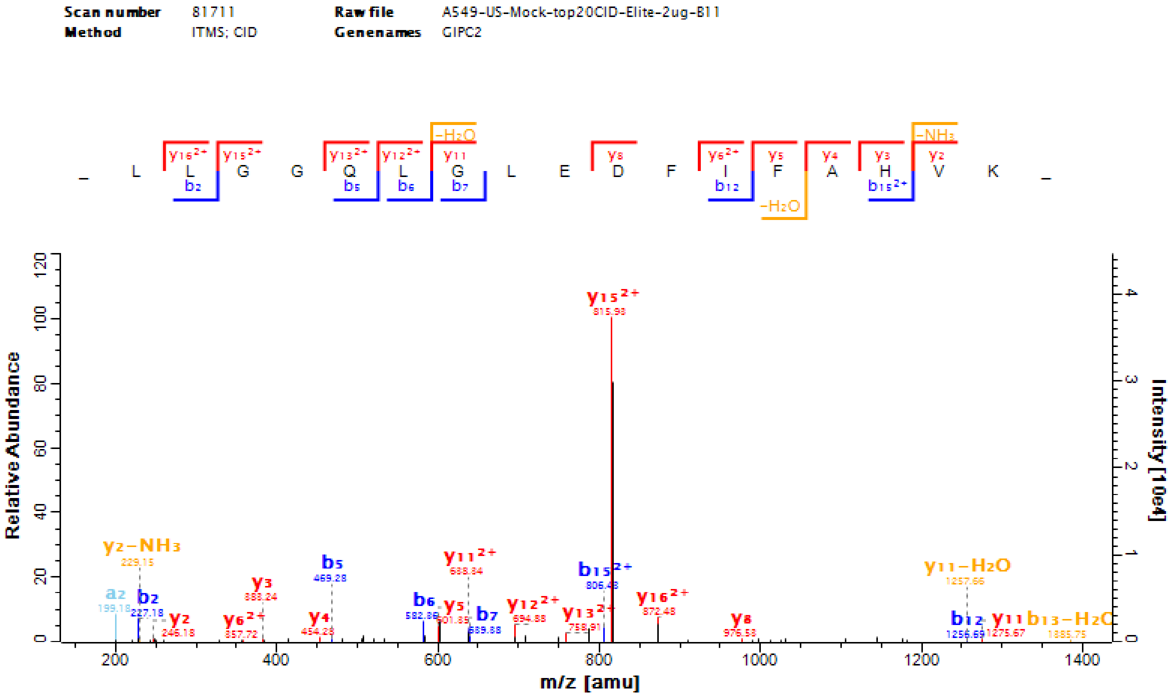
Protein Group ID: 4150
Protein Accession Numbers: Q8TF01
Gene Names: PNISR
Peptide Sequence: TPNETTSVLEPK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 111.79
Best Match Posterior Error Probability: 0.00023896
Best Match Spectrum:



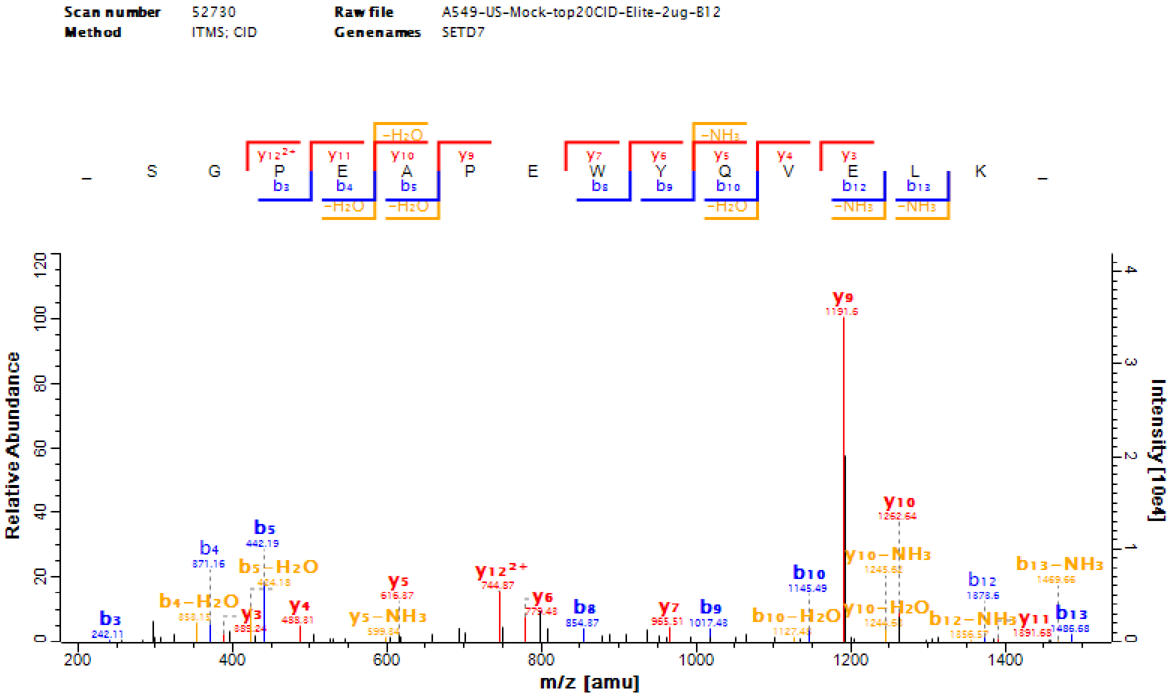
Protein Group ID: 4152
Protein Accession Numbers: Q8TF27
Gene Names: AGAP11
Peptide Sequence: QSMGWSNLFTSEK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 98.156
Best Match Posterior Error Probability: 0.00060124
Best Match Spectrum:



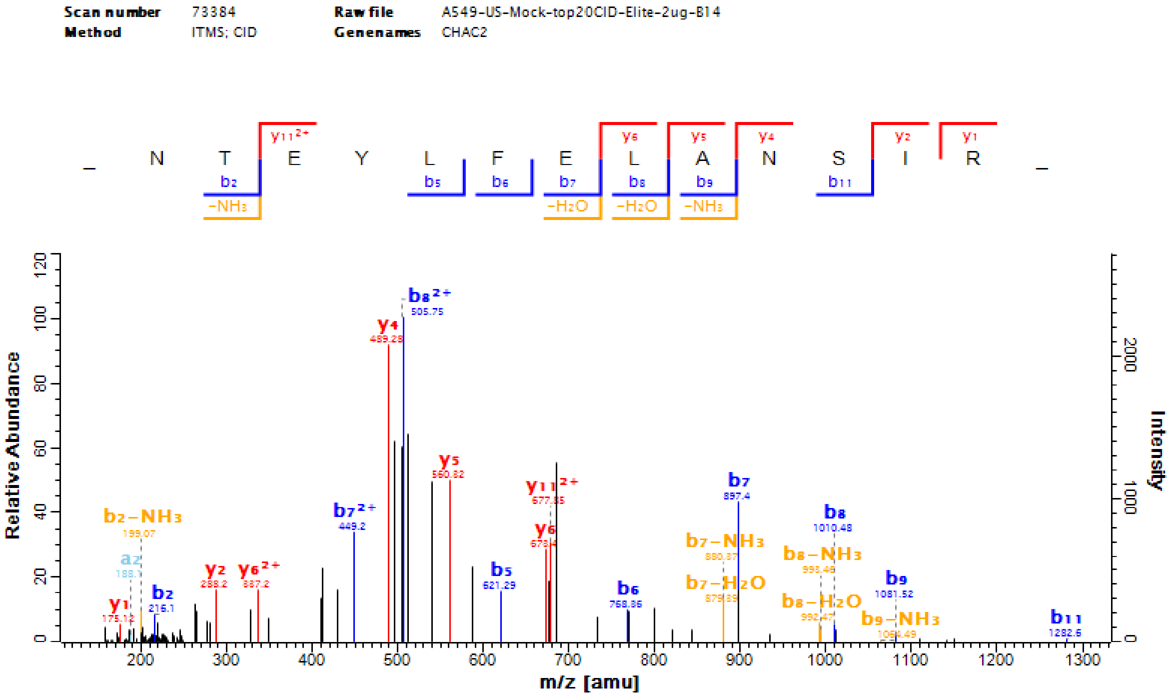
Protein Group ID: 4154
Protein Accession Numbers: Q8TF65
Gene Names: GIPC2
Peptide Sequence: LLGGQLGLEDFIFAHVK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 102.5
Best Match Posterior Error Probability: 0.00015486
Best Match Spectrum:



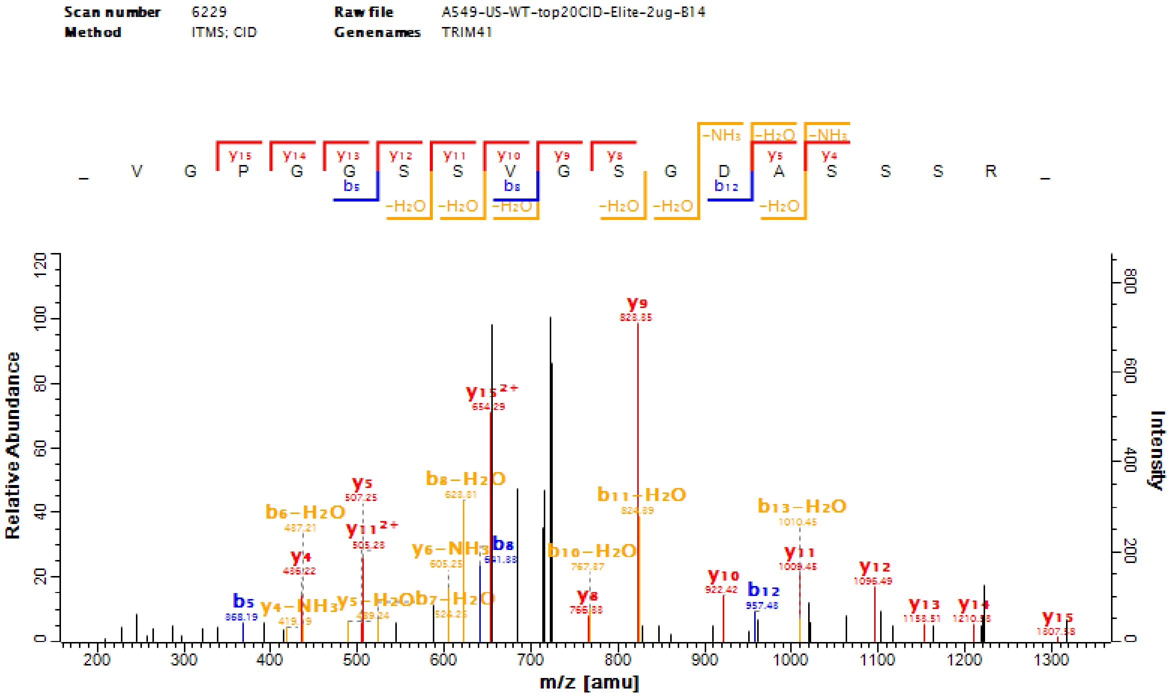
Protein Group ID: 4155
Protein Accession Numbers: Q8WTS6
Gene Names: SETD7
Peptide Sequence: SGPEAPEWYQVELK
Total Number of Spectra: 7
Number of Replicates (out of 8): 5
Best Match Score: 148.72
Best Match Posterior Error Probability: 1.77E-06
Best Match Spectrum:



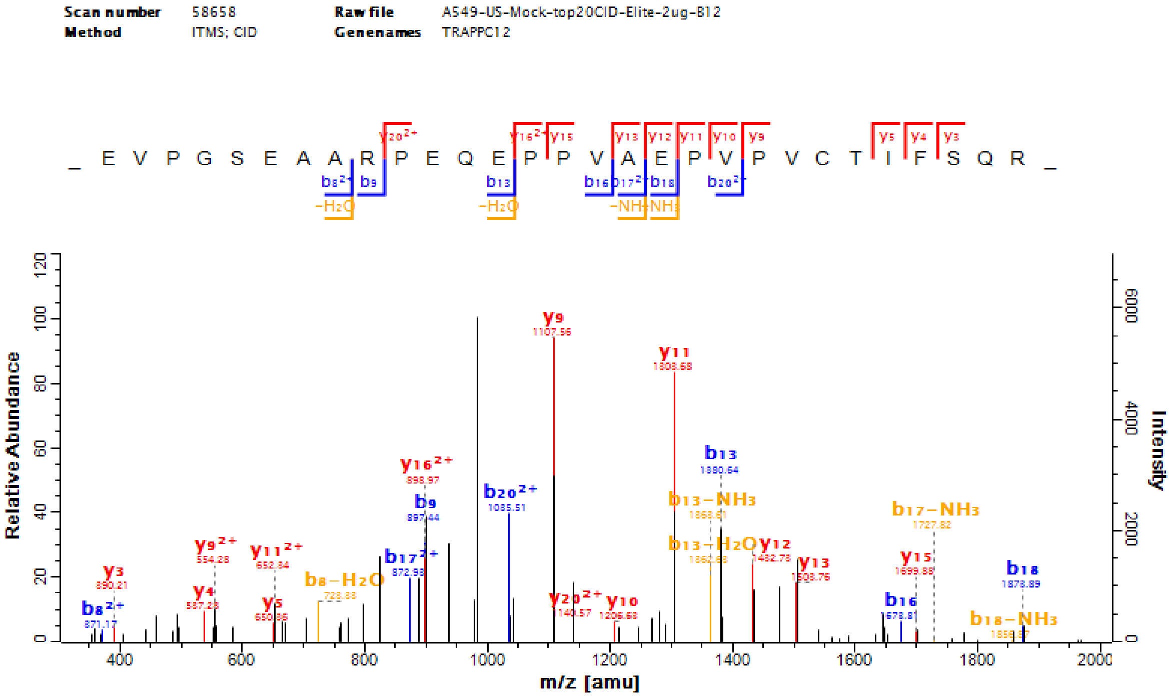
Protein Group ID: 4167
Protein Accession Numbers: Q8WUX2
Gene Names: CHAC2
Peptide Sequence: NTEYLFELANSIR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 152.47
Best Match Posterior Error Probability: 8.74E-07
Best Match Spectrum:



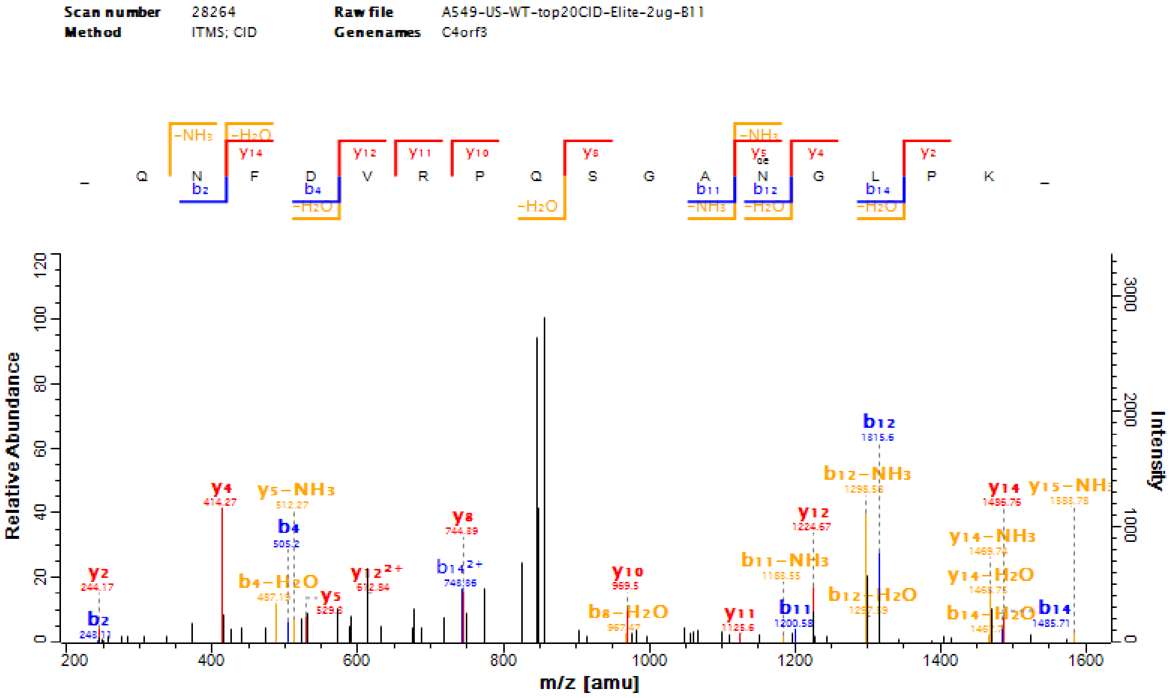
Protein Group ID: 4169
Protein Accession Numbers: Q8WV44; Q8WV44-3
Gene Names: TRIM41
Peptide Sequence: VGPGGSSVGSGDASSSR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 75.376
Best Match Posterior Error Probability: 0.0023392
Best Match Spectrum:



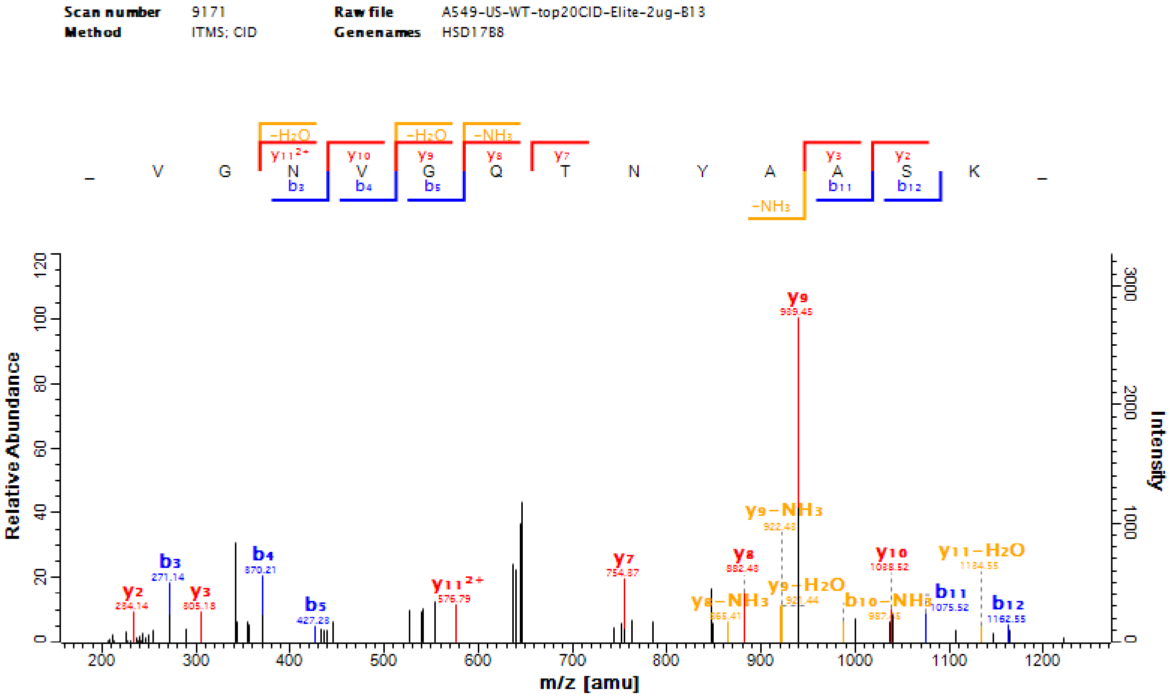
Protein Group ID: 4175
Protein Accession Numbers: Q8WVT3
Gene Names: TRAPPC12
Peptide Sequence: EVPGSEAARPEQEPPVAEPVPVCTIFSQR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 66.925
Best Match Posterior Error Probability: 0.00030917
Best Match Spectrum:



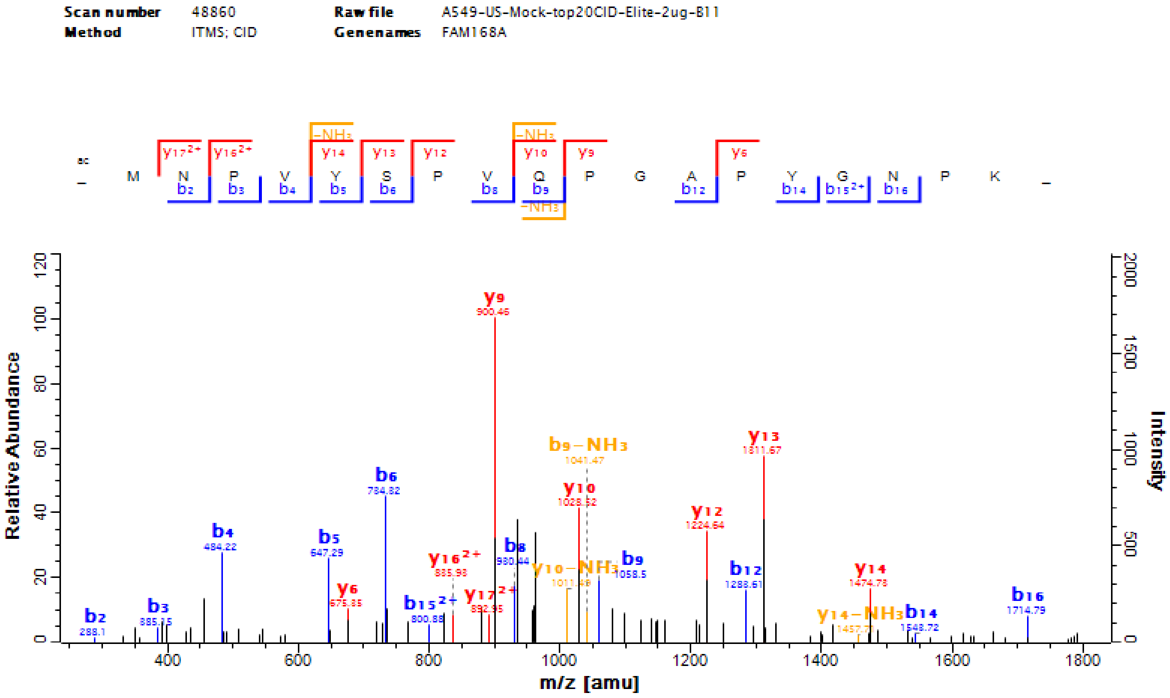
Protein Group ID: 4177
Protein Accession Numbers: Q8WVX3-2; Q8WVX3
Gene Names: C4orf3
Peptide Sequence: QNFDVRPQSGANGLPK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 99.069
Best Match Posterior Error Probability: 0.0038443
Best Match Spectrum:



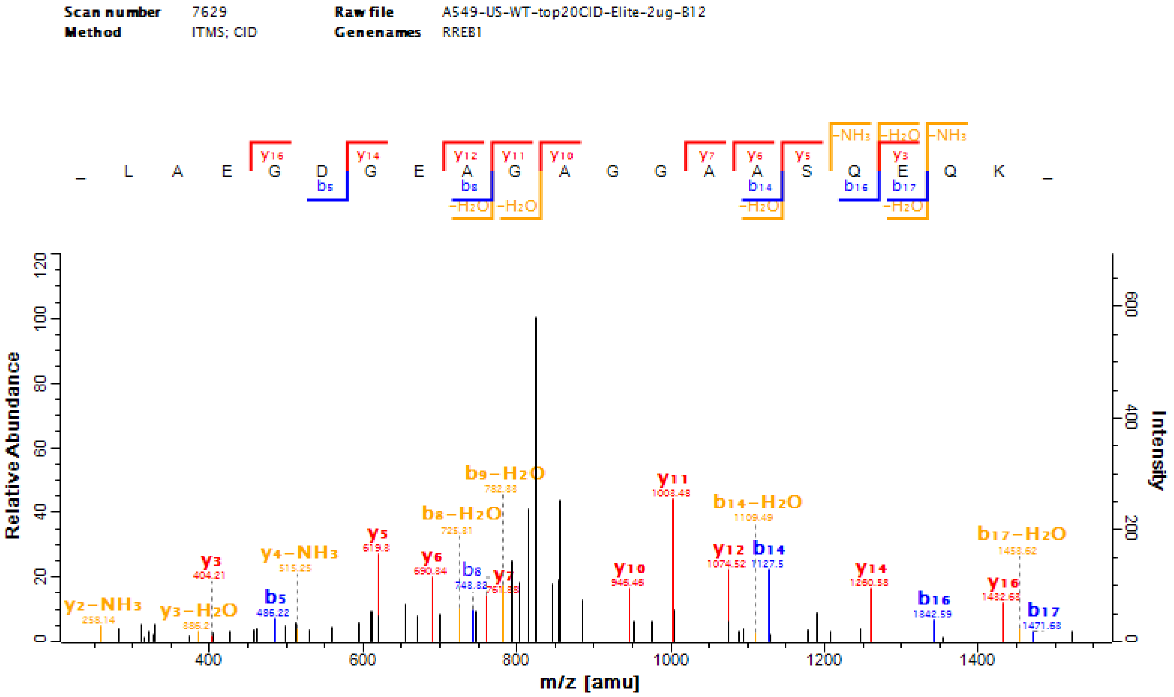
Protein Group ID: 4201
Protein Accession Numbers: Q92506
Gene Names: HSD17B8
Peptide Sequence: VGNVGQTNYAASK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 79.466
Best Match Posterior Error Probability: 0.003432
Best Match Spectrum:



Protein Group ID: 4209
Protein Accession Numbers: Q92567; Q92567-2; Q92567-3
Gene Names: FAM168A
Peptide Sequence: MNPVYSPVQPGAPYGNPK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 87.088
Best Match Posterior Error Probability: 0.00064564
Best Match Spectrum:

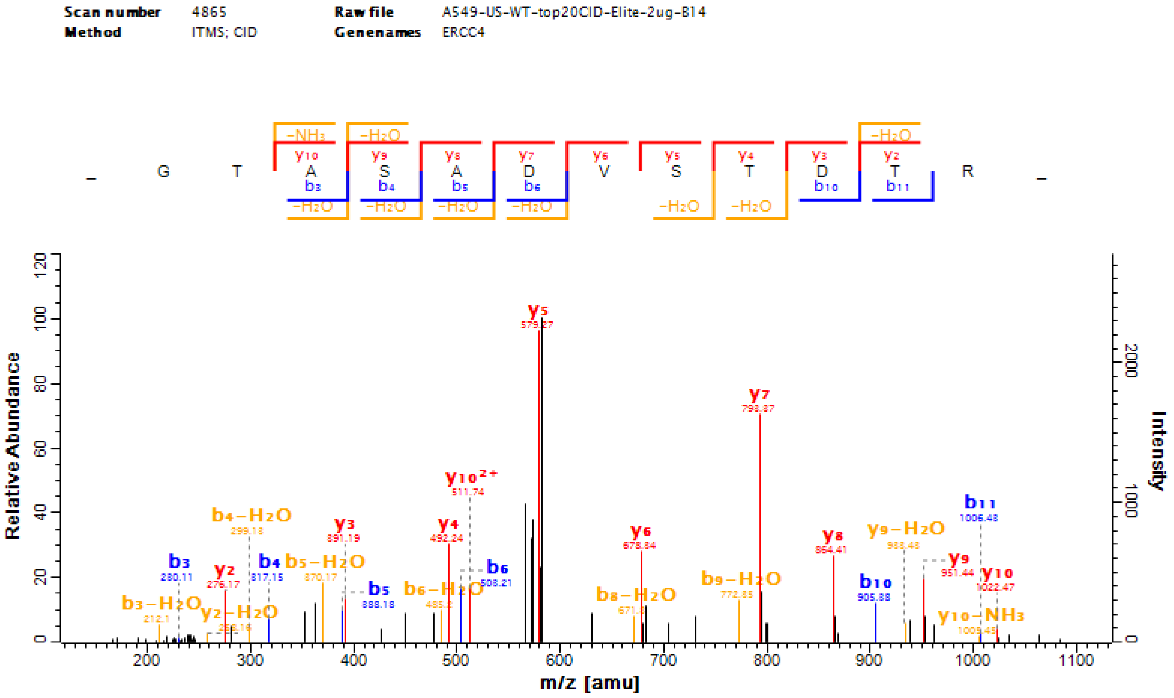


Protein Group ID: 4230
Protein Accession Numbers: Q92766-2; Q92766; Q92766-4
Gene Names: RREB1
Peptide Sequence: LAEGDGEAGAGGAASQEQK
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 67.43
Best Match Posterior Error Probability: 0.0034351
Best Match Spectrum:

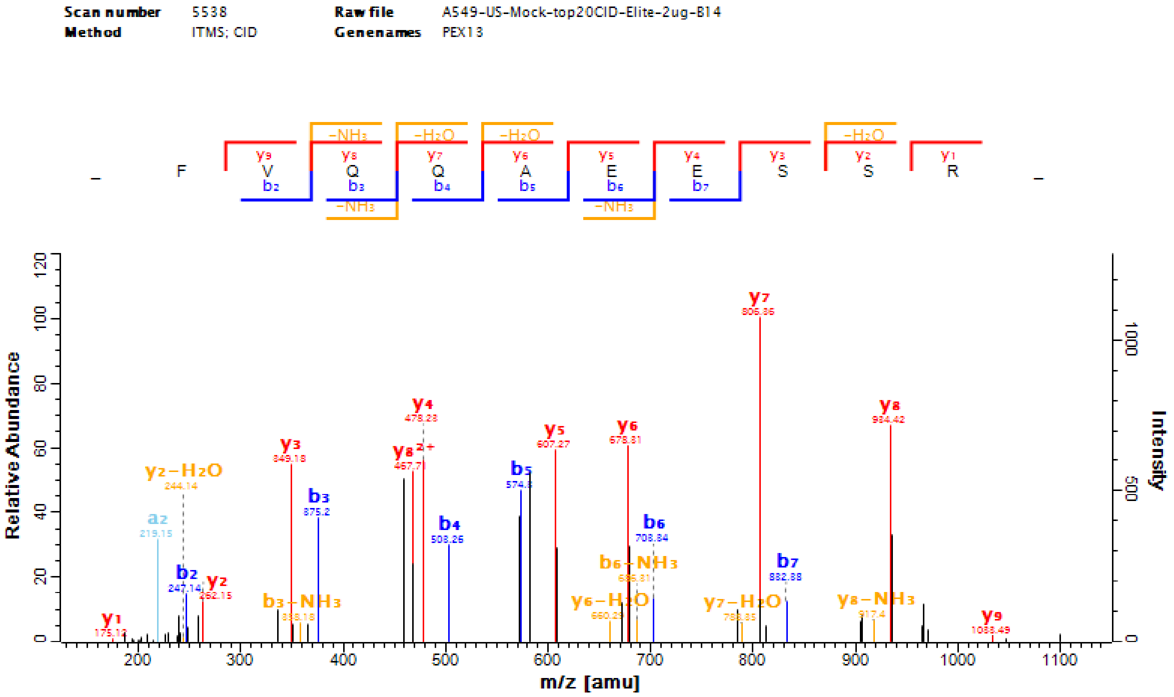


Scan number 7629 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** RREB1

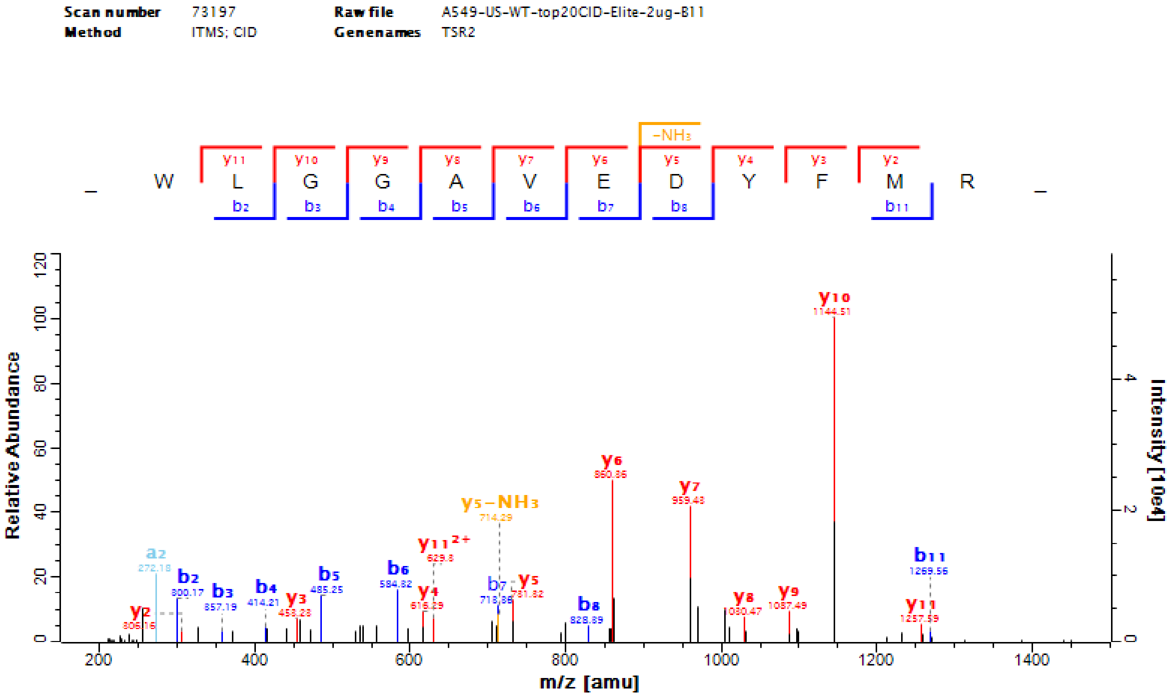
Protein Group ID: 4242
Protein Accession Numbers: Q92889
Gene Names: ERCC4
Peptide Sequence: GTASADVSTDTR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 136.38
Best Match Posterior Error Probability: 7.68E-05
Best Match Spectrum:



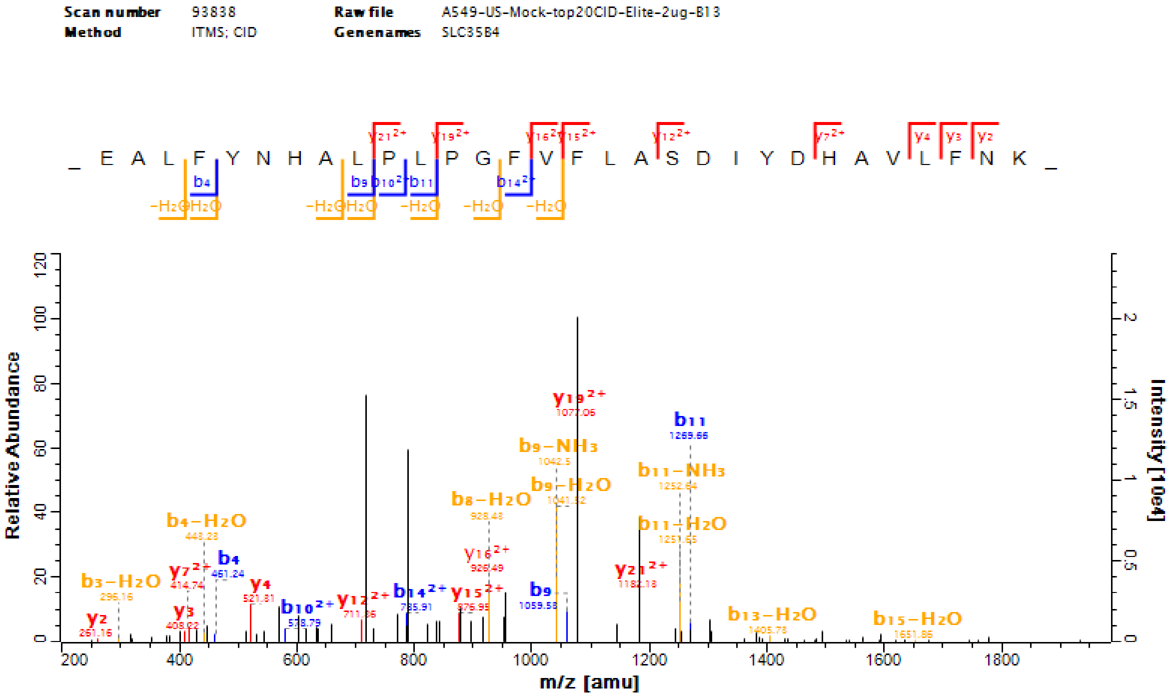
Protein Group ID: 4250
Protein Accession Numbers: Q92968
Gene Names: PEX13
Peptide Sequence: FVQQAEESSR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 136.5
Best Match Posterior Error Probability: 9.35E-06
Best Match Spectrum:



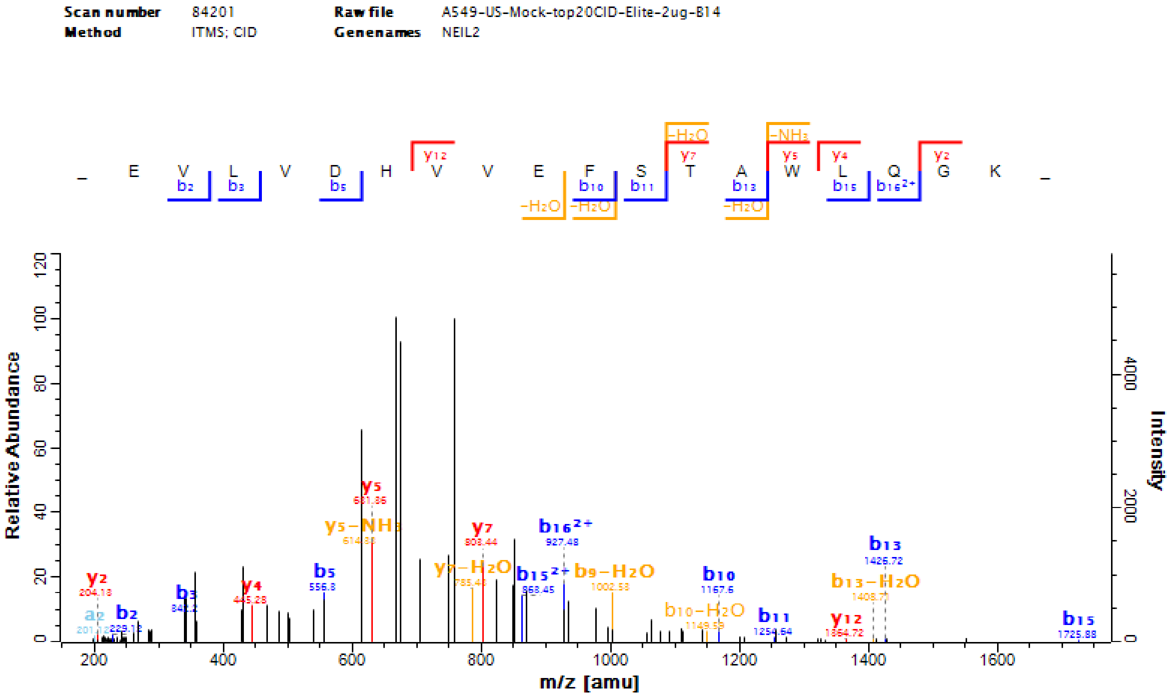
Protein Group ID: 4261
Protein Accession Numbers: Q969E8
Gene Names: TSR2
Peptide Sequence: WLGGAVEDYFMR
Total Number of Spectra: 9
Number of Replicates (out of 8): 8
Best Match Score: 151.98
Best Match Posterior Error Probability: 2.86E-06
Best Match Spectrum:



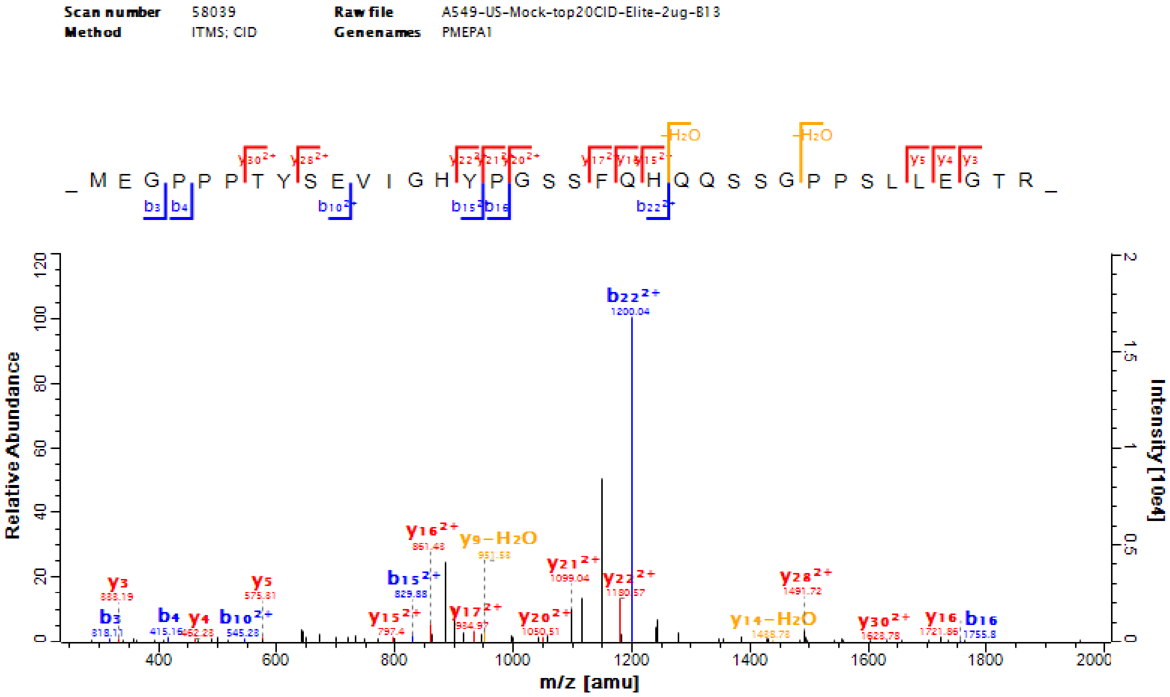
Protein Group ID: 4268
Protein Accession Numbers: Q969S0; Q969S0-3; Q969S0-2
Gene Names: SLC35B4
Peptide Sequence: EALFYNHALPLPGFVFLASDIYDHAVLFNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 48.773
Best Match Posterior Error Probability: 0.0038147
Best Match Spectrum:



Protein Group ID: 4269
Protein Accession Numbers: Q969S2; Q969S2-2; Q969S2-3; Q969S2-4
Gene Names: NEIL2
Peptide Sequence: EVLVDHVVEFSTAWLQGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 74.89
Best Match Posterior Error Probability: 0.0019736
Best Match Spectrum:

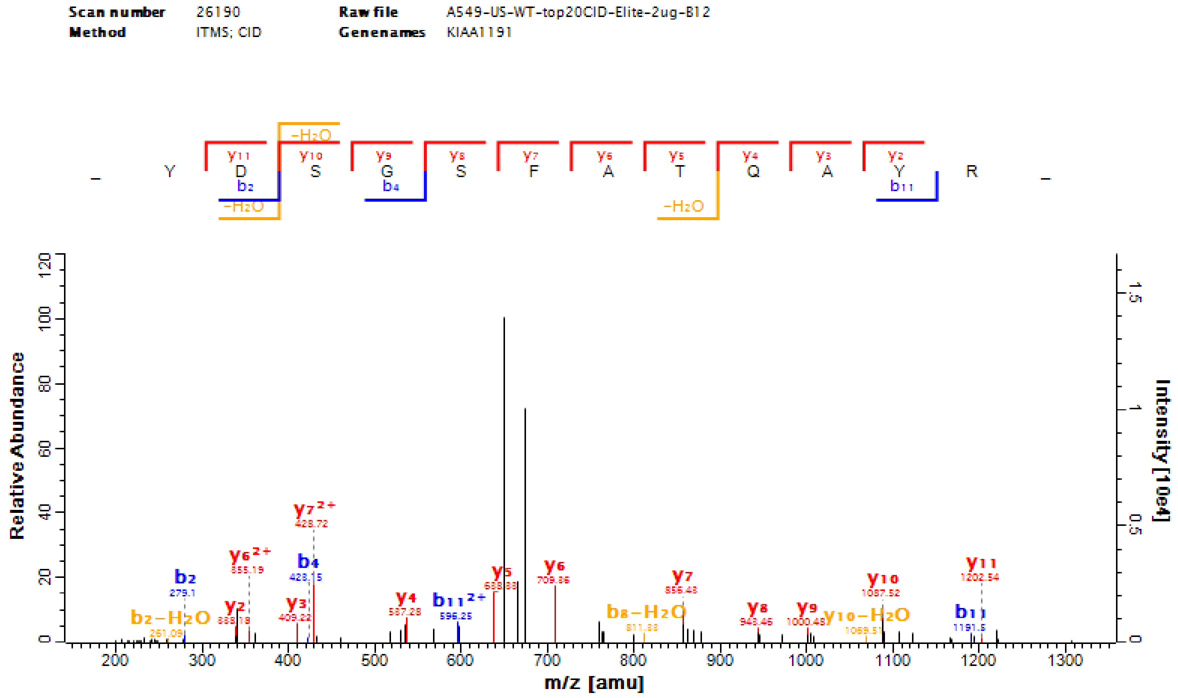


Protein Group ID: 4273
Protein Accession Numbers: Q969W9; Q969W9-2; Q969W9-3
Gene Names: PMEPA1
Peptide Sequence: MEGPPPTYSEVIGHYPGSSFQHQQSSGPPSLLEGTR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 48.226
Best Match Posterior Error Probability: 0.001218
Best Match Spectrum:



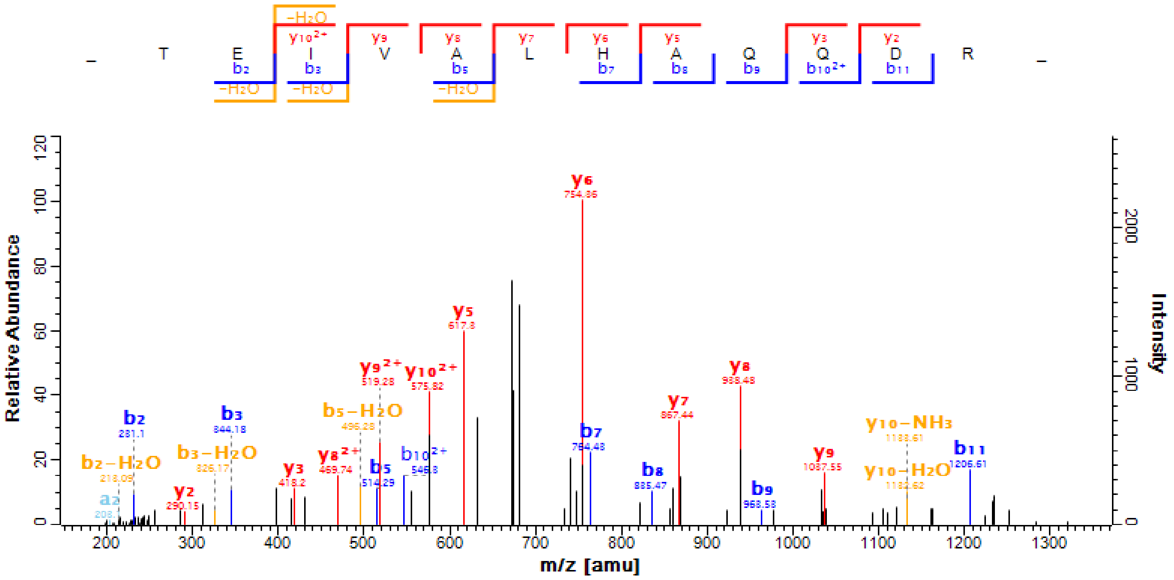
Scan number 58039 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** PMEPA1

Protein Group ID: 4281
Protein Accession Numbers: Q96A73; Q96A73-2; Q96A73-3
Gene Names: KIAA1191
Peptide Sequence: YDSGSFATQAYR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 87.719
Best Match Posterior Error Probability: 0.0016615
Best Match Spectrum:

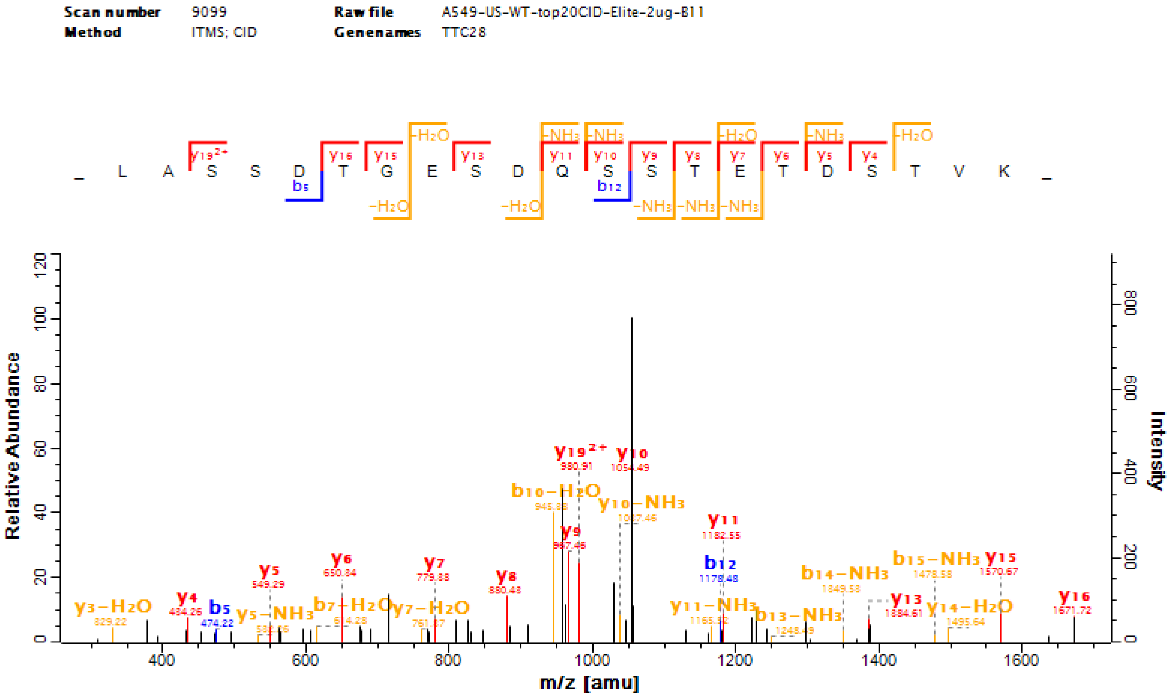


Protein Group ID: 4287
Protein Accession Numbers: Q96AQ8
Gene Names: CCDC90A
Peptide Sequence: TEIVALHAQQDR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 113.99
Best Match Posterior Error Probability: 0.0002101
Best Match Spectrum:

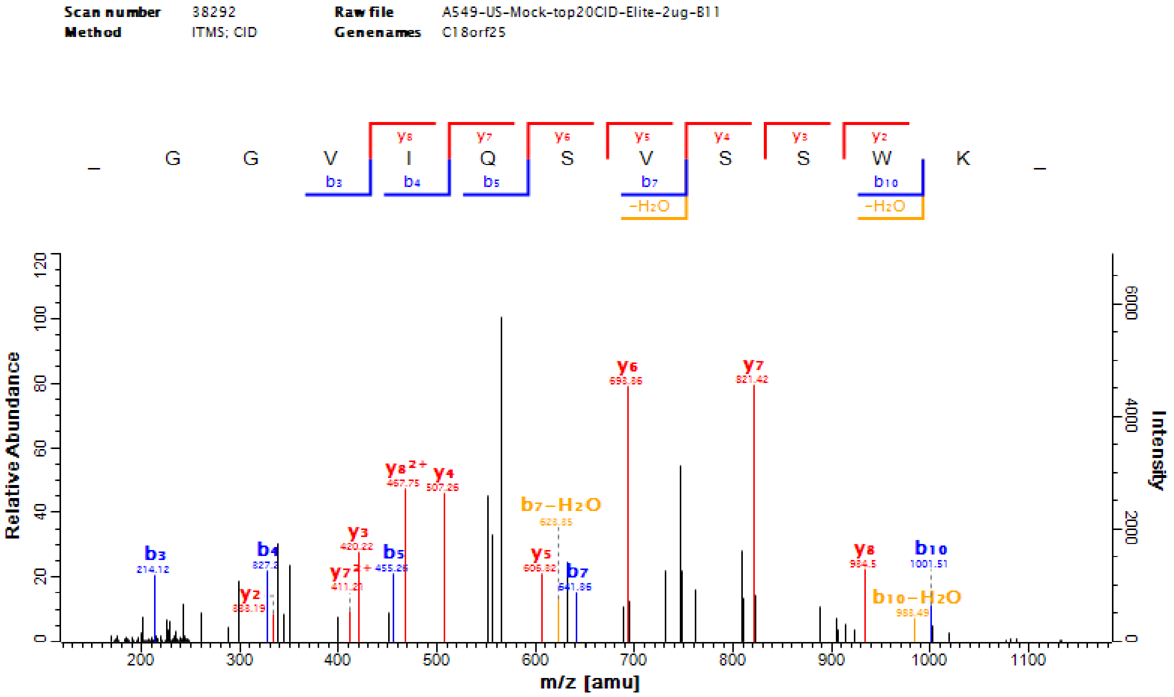
Scan number 18164 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** CCDC90A



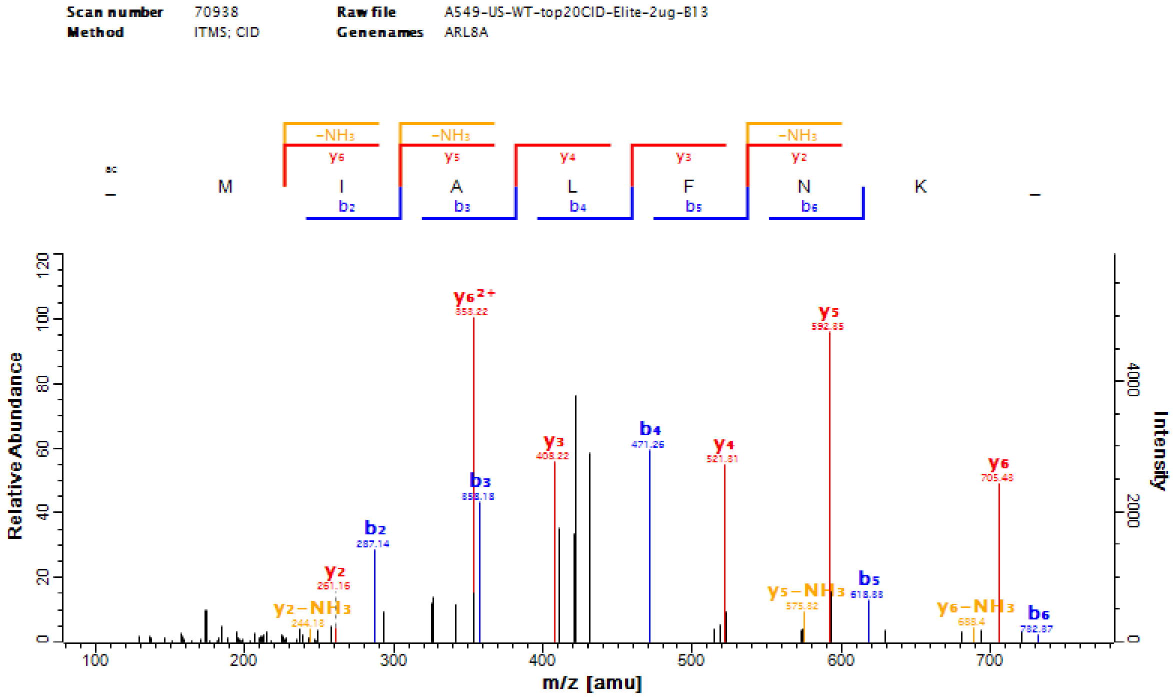
Protein Group ID: 4291
Protein Accession Numbers: Q96AY4
Gene Names: TTC28
Peptide Sequence: LASSDTGESDQSSTETDSTVK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 74.048
Best Match Posterior Error Probability: 0.00071085
Best Match Spectrum:



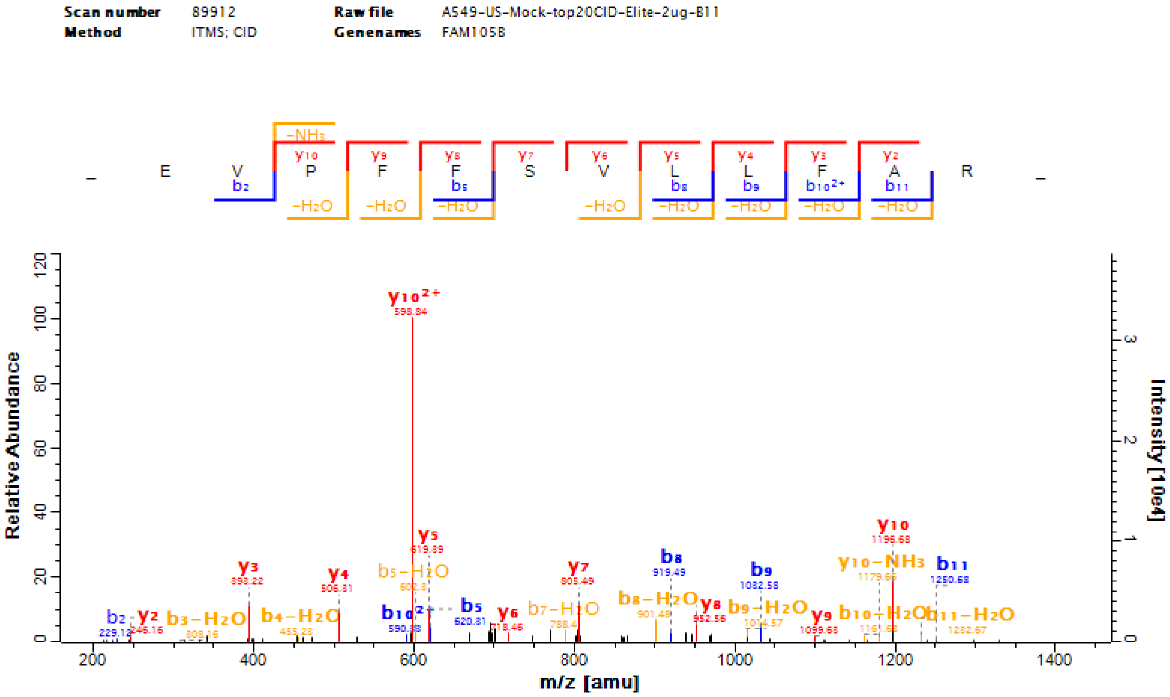
Protein Group ID: 4293
Protein Accession Numbers: Q96B23; Q96B23-2
Gene Names: C18orf25
Peptide Sequence: GGVIQSVSSWK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 94.767
Best Match Posterior Error Probability: 0.00098239
Best Match Spectrum:



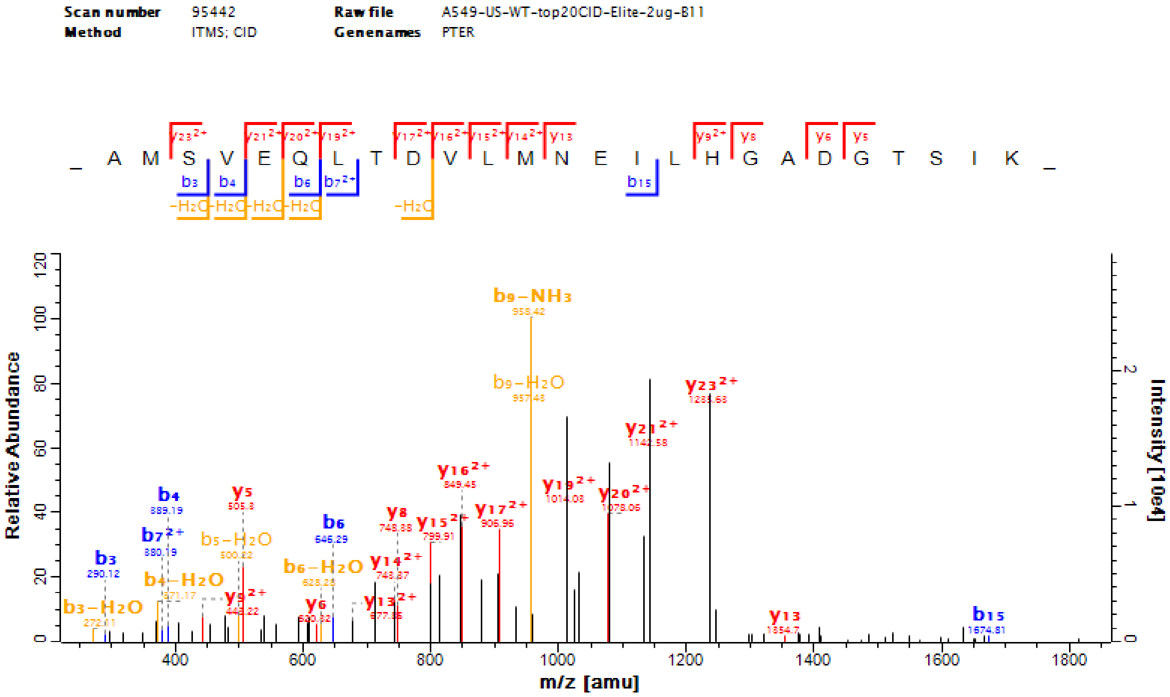
Protein Group ID: 4299
Protein Accession Numbers: Q96BM9
Gene Names: ARL8A
Peptide Sequence: MIALFNK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 126.68
Best Match Posterior Error Probability: 0.0014942
Best Match Spectrum:



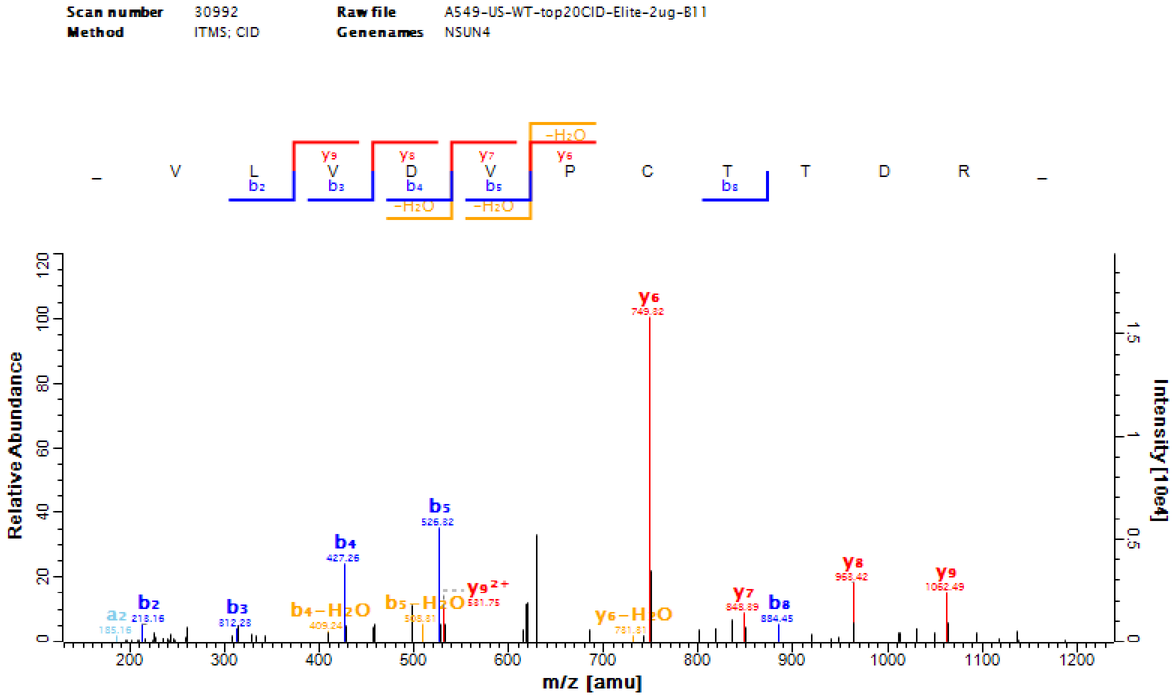
Protein Group ID: 4300
Protein Accession Numbers: Q96BN8
Gene Names: FAM105B
Peptide Sequence: EVPFFSVLLFAR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 153.95
Best Match Posterior Error Probability: 1.75E-06
Best Match Spectrum:



Protein Group ID: 4303
Protein Accession Numbers: Q96BW5; Q96BW5-2
Gene Names: PTER
Peptide Sequence: AMSVEQLTDVLMNEILHGADGTSIK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 97.457
Best Match Posterior Error Probability: 1.91E-06
Best Match Spectrum:

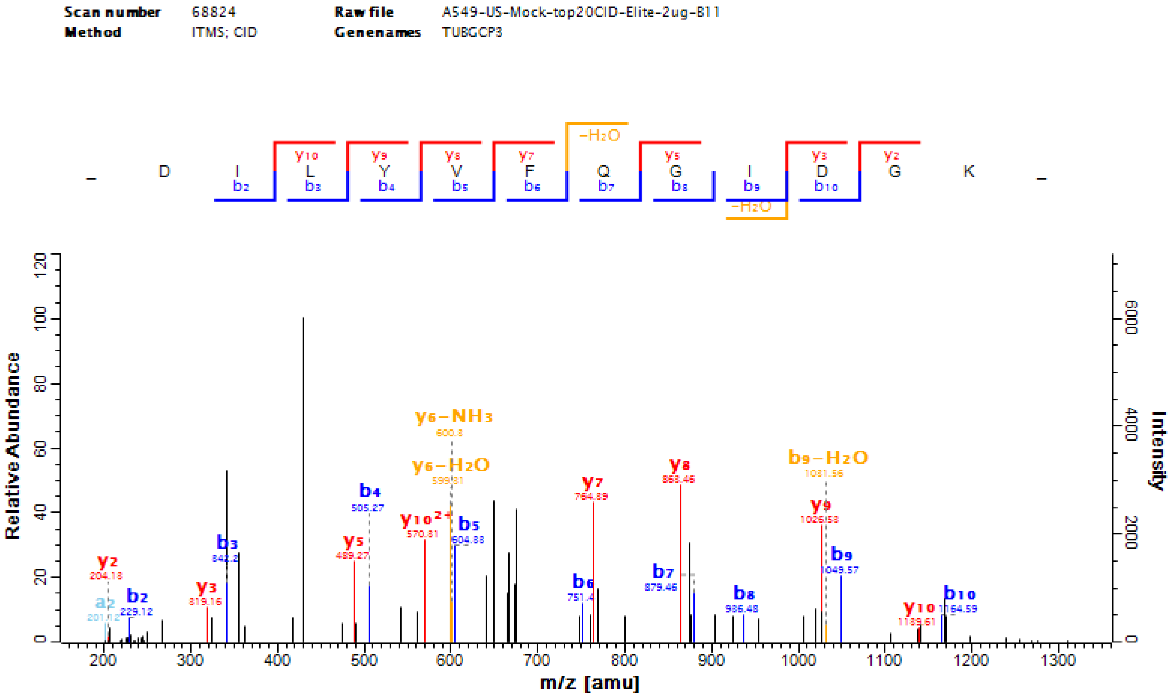


Protein Group ID: 4310
Protein Accession Numbers: Q96CB9; Q96CB9-4; Q96CB9-3
Gene Names: NSUN4
Peptide Sequence: VLVDVPCTTDR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 82.261
Best Match Posterior Error Probability: 0.0032473
Best Match Spectrum:

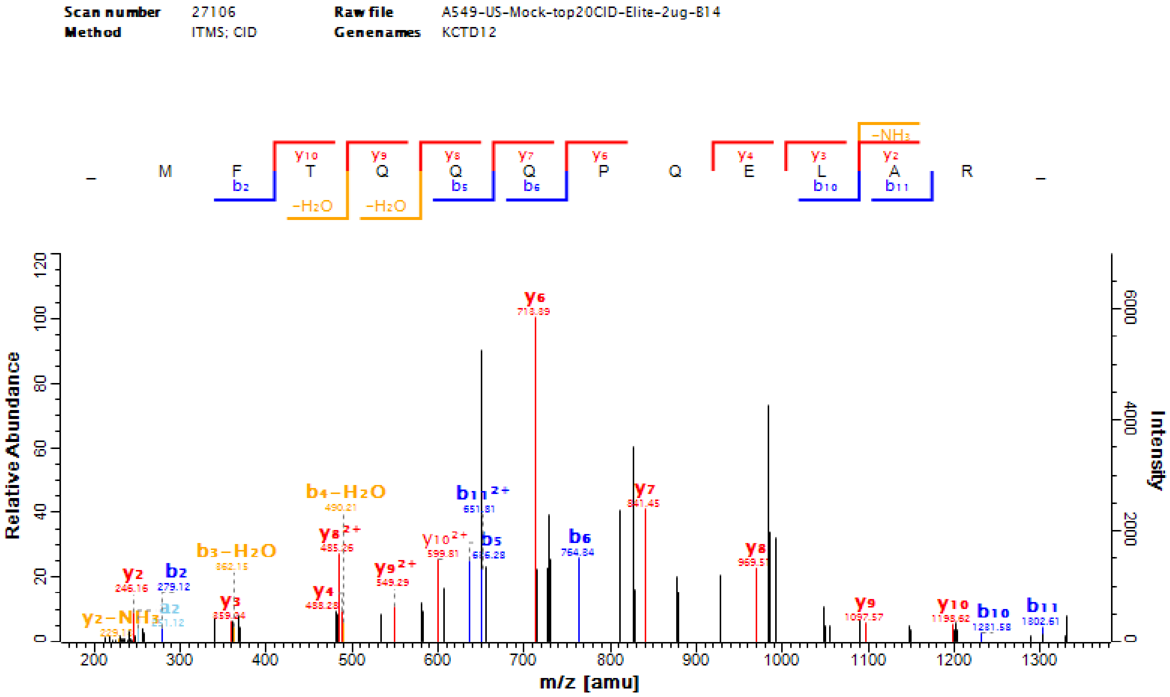


Scan number 30992 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** NSUN4

Protein Group ID: 4316
Protein Accession Numbers: Q96CW5; Q96CW5-2; Q96CW5-3
Gene Names: TUBGCP3
Peptide Sequence: DILYVFQGIDGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.46
Best Match Posterior Error Probability: 0.0014863
Best Match Spectrum:

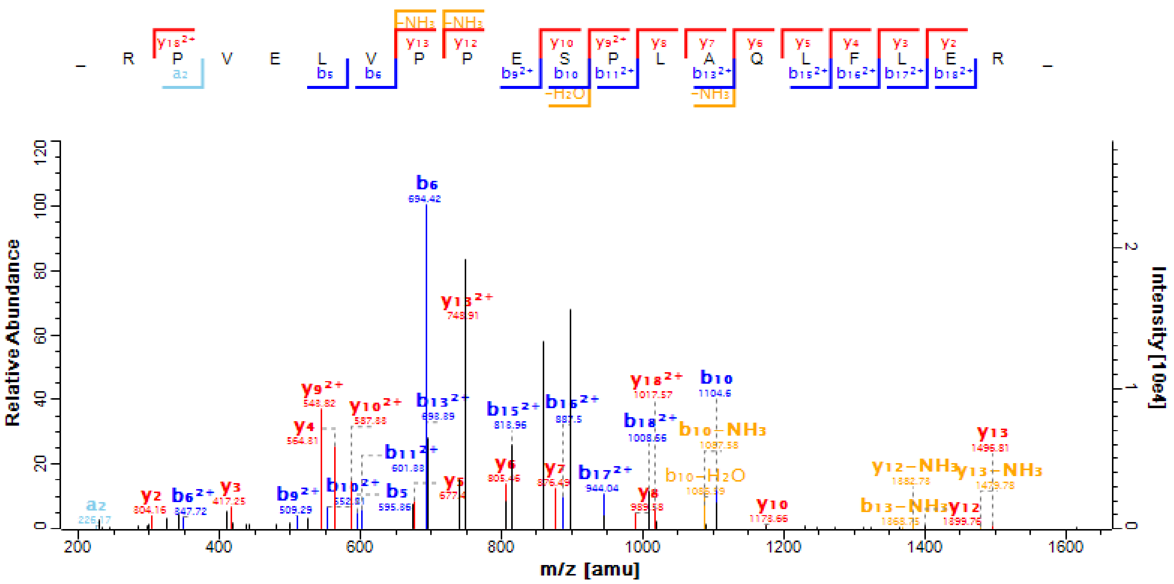


Protein Group ID: 4317
Protein Accession Numbers: Q96CX2
Gene Names: KCTD12
Peptide Sequence: MFTQQQPQELAR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 94.122
Best Match Posterior Error Probability: 0.0010171
Best Match Spectrum:

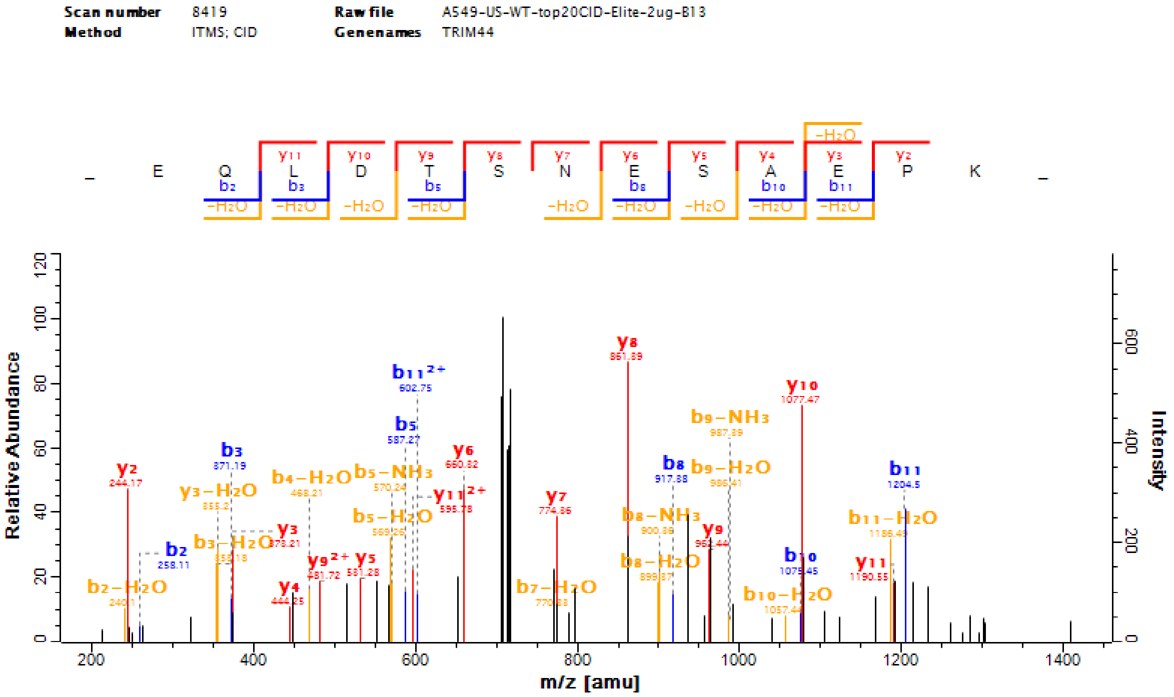


Protein Group ID: 4324
Protein Accession Numbers: Q96DX5; Q96DX5-2; Q96DX5-3
Gene Names: ASB9
Peptide Sequence: RPVELVPPESPLAQLFLER
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 167.28
Best Match Posterior Error Probability: 1.85E-11
Best Match Spectrum:

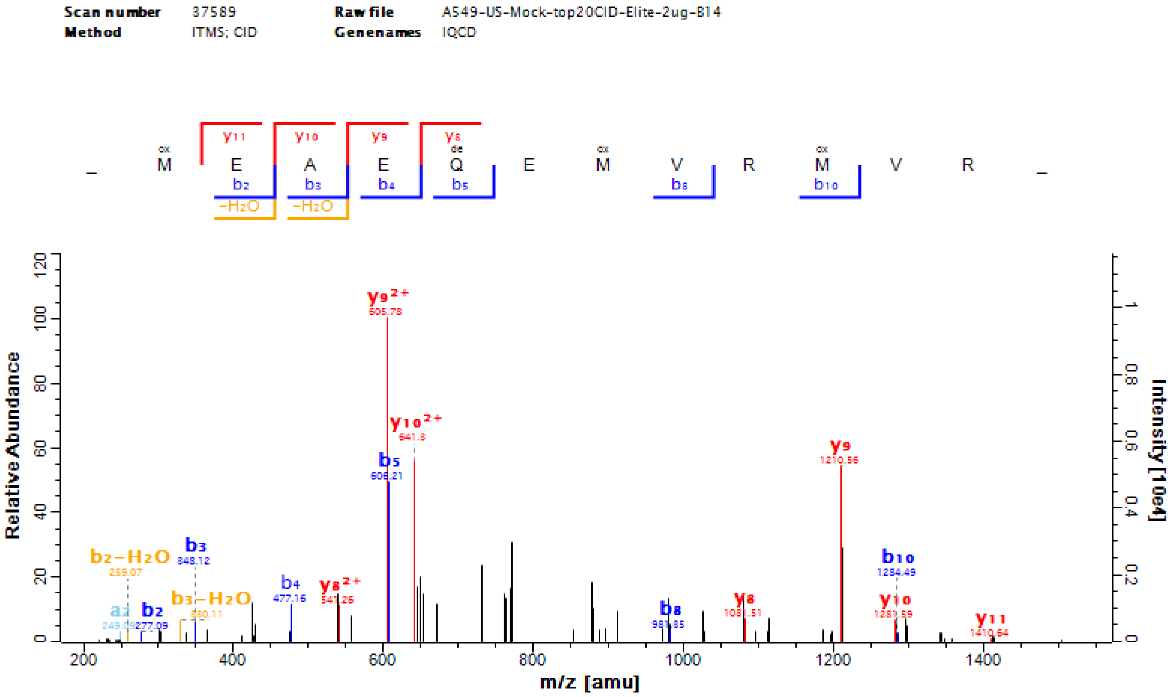
Scan number 84417 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** ASB9



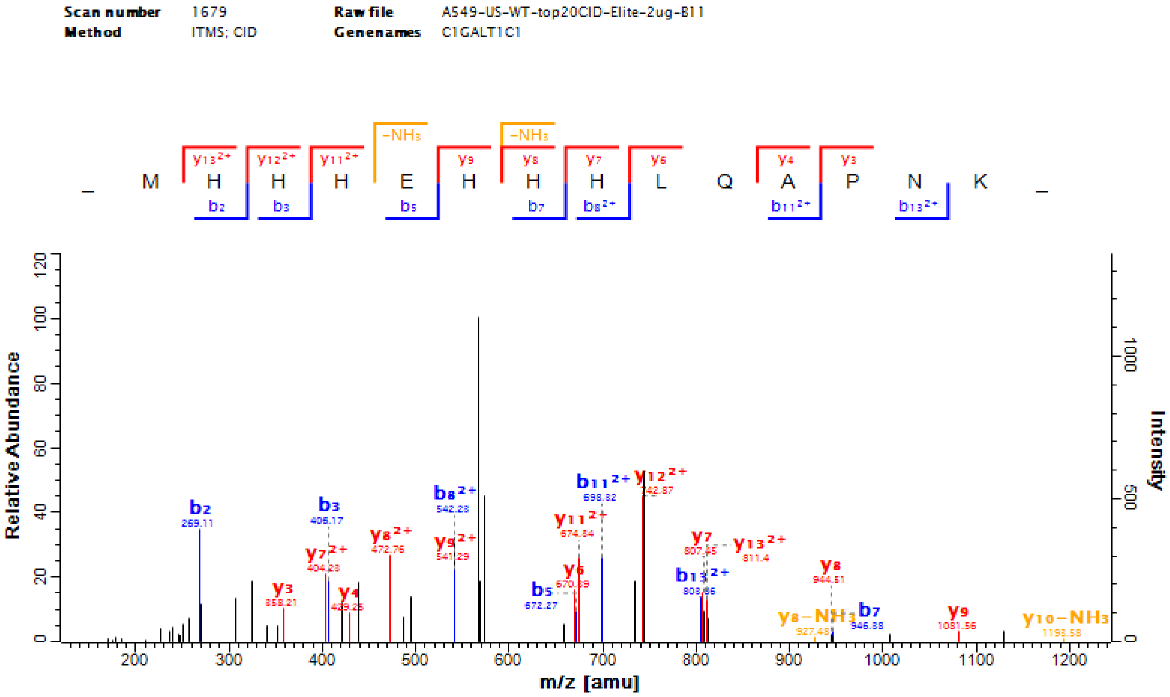
Protein Group ID: 4325
Protein Accession Numbers: Q96DX7
Gene Names: TRIM44
Peptide Sequence: EQLDTSNESAEPK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 160.48
Best Match Posterior Error Probability: 2.33E-09
Best Match Spectrum:



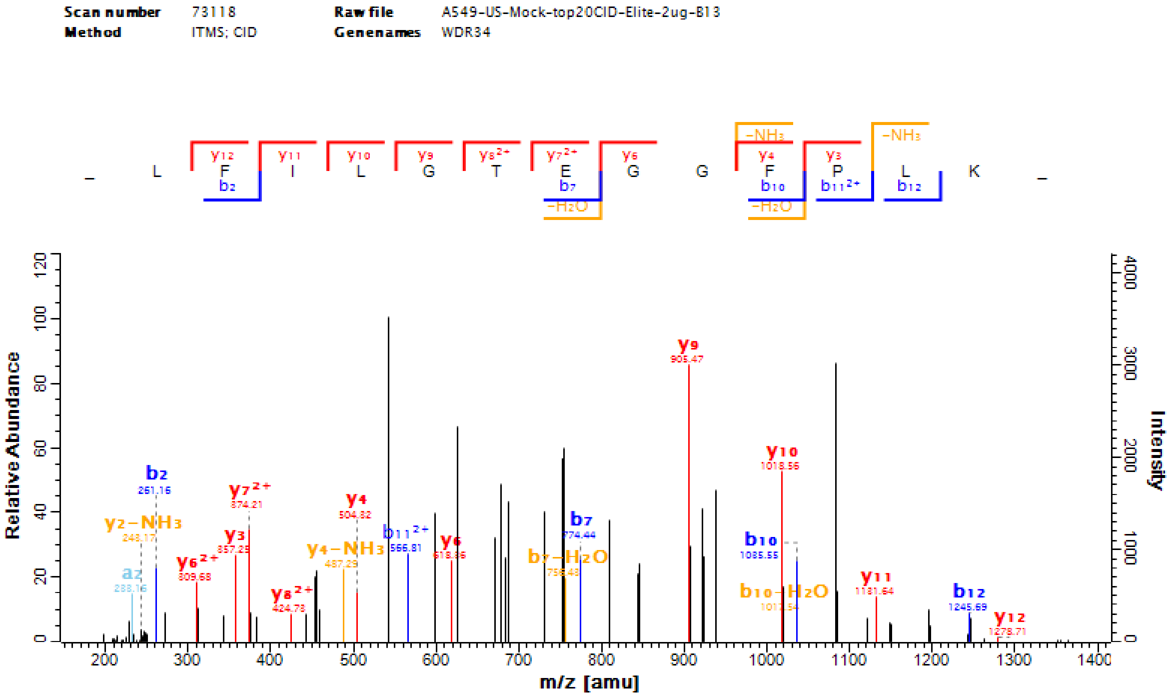
Protein Group ID: 4326
Protein Accession Numbers: Q96DY2; Q96DY2-2
Gene Names: IQCD
Peptide Sequence: MEAEQEMVRMVR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 86.911
Best Match Posterior Error Probability: 0.0095023
Best Match Spectrum:



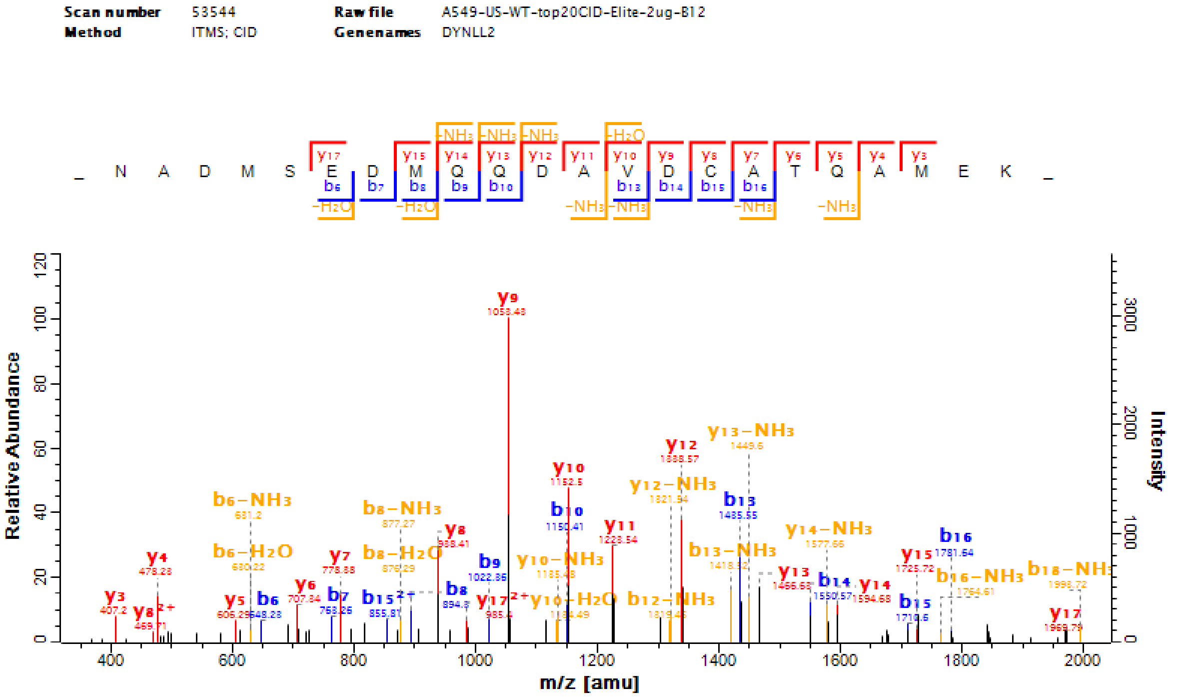
Protein Group ID: 4342
Protein Accession Numbers: Q96EU7
Gene Names: C1GALT1C1
Peptide Sequence: MHHHEHHHLQAPNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 118.9
Best Match Posterior Error Probability: 6.83E-05
Best Match Spectrum:



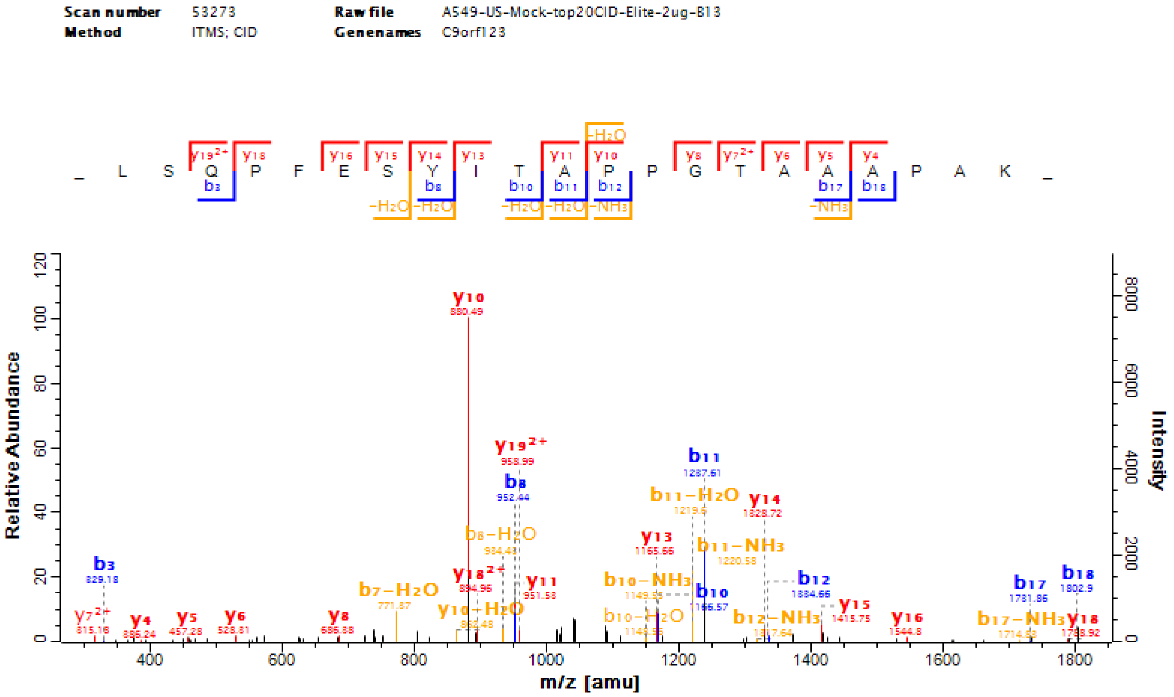
Protein Group ID: 4344
Protein Accession Numbers: Q96EX3
Gene Names: WDR34
Peptide Sequence: LFILGTEGGFPLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 115.33
Best Match Posterior Error Probability: 0.0002269
Best Match Spectrum:



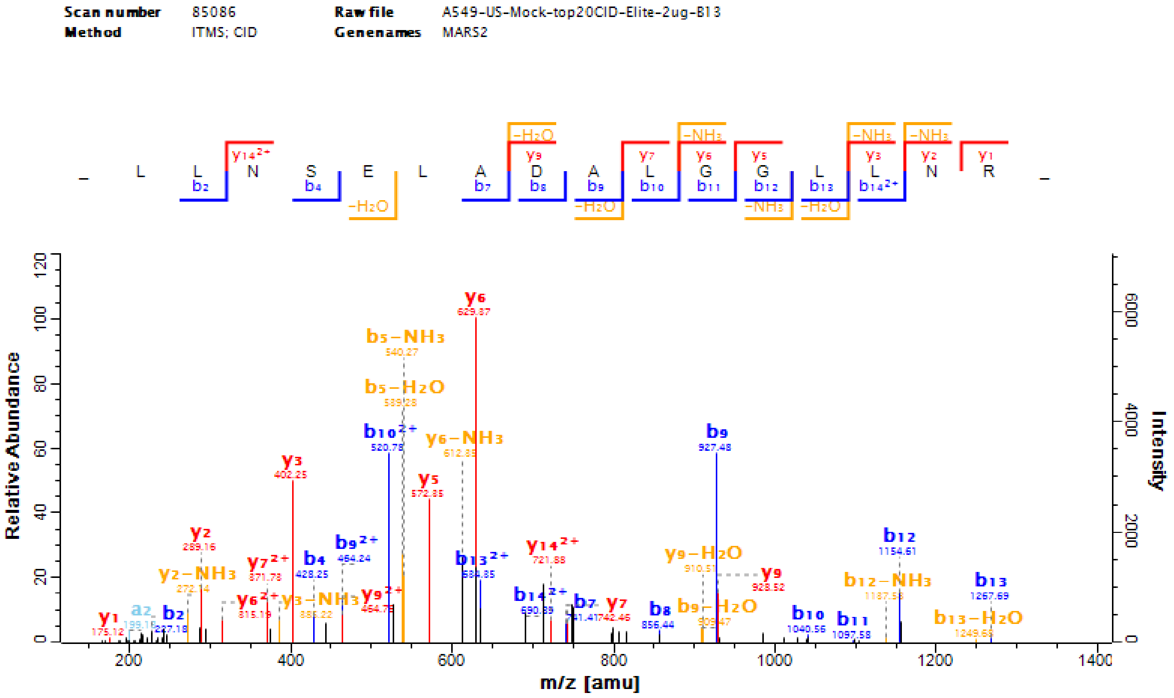
Protein Group ID: 4350
Protein Accession Numbers: Q96FJ2
Gene Names: DYNLL2
Peptide Sequence: NADMSEDMQQDAVDCATQAMEK
Total Number of Spectra: 13
Number of Replicates (out of 8): 8
Best Match Score: 180.63
Best Match Posterior Error Probability: 7.03E-28
Best Match Spectrum:



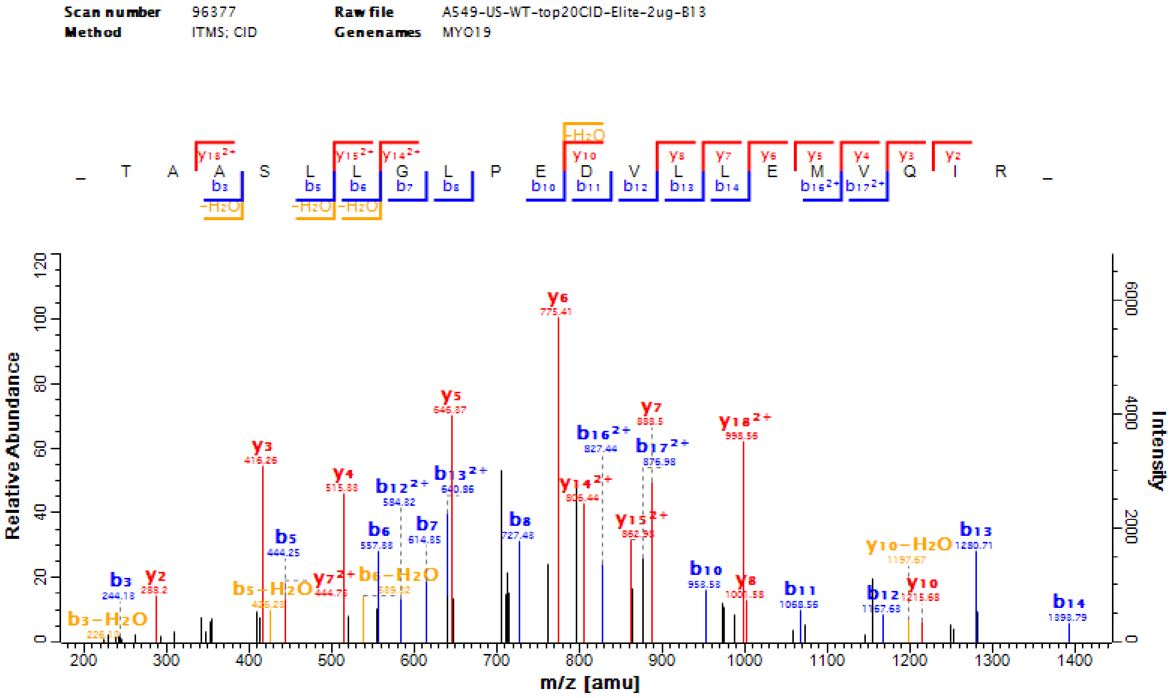
Protein Group ID: 4361
Protein Accession Numbers: Q96GE9; Q96GE9-2
Gene Names: C9orf123
Peptide Sequence: LSQPFESYITAPPGTAAAPAK
Total Number of Spectra: 7
Number of Replicates (out of 8): 4
Best Match Score: 133.21
Best Match Posterior Error Probability: 2.85E-08
Best Match Spectrum:



Protein Group ID: 4365
Protein Accession Numbers: Q96GW9
Gene Names: MARS2
Peptide Sequence: LLNSELADALGGLLNR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 192.39
Best Match Posterior Error Probability: 2.16E-28
Best Match Spectrum:

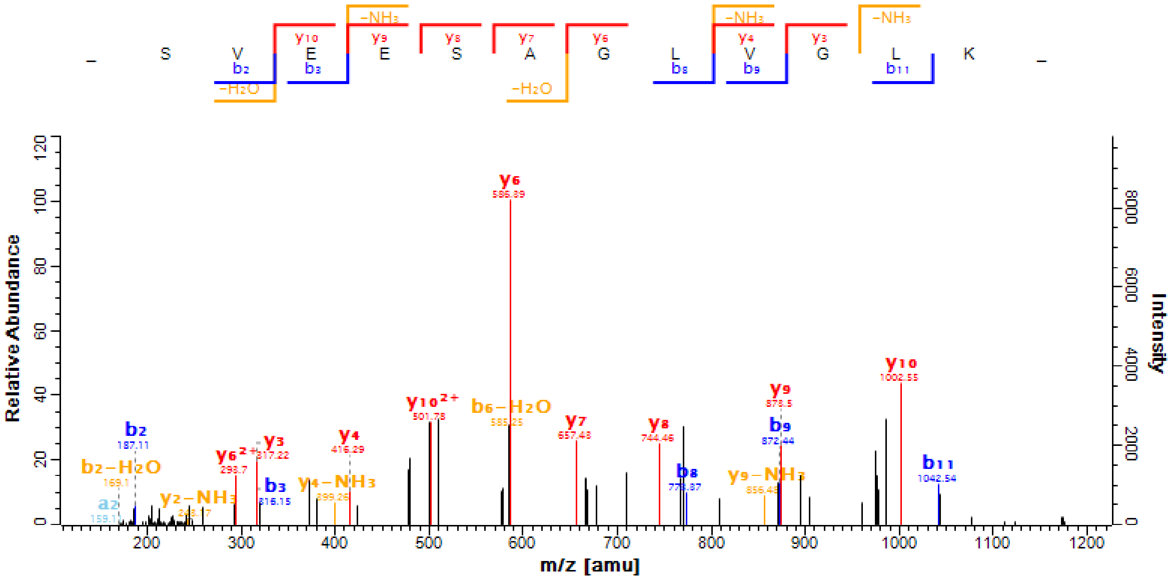


Protein Group ID: 4368
Protein Accession Numbers: Q96H55; Q96H55-4; Q96H55-3
Gene Names: MYO19
Peptide Sequence: TAASLLGLPEDVLLEMVQIR
Total Number of Spectra: 8
Number of Replicates (out of 8): 8
Best Match Score: 170.91
Best Match Posterior Error Probability: 6.96E-17
Best Match Spectrum:

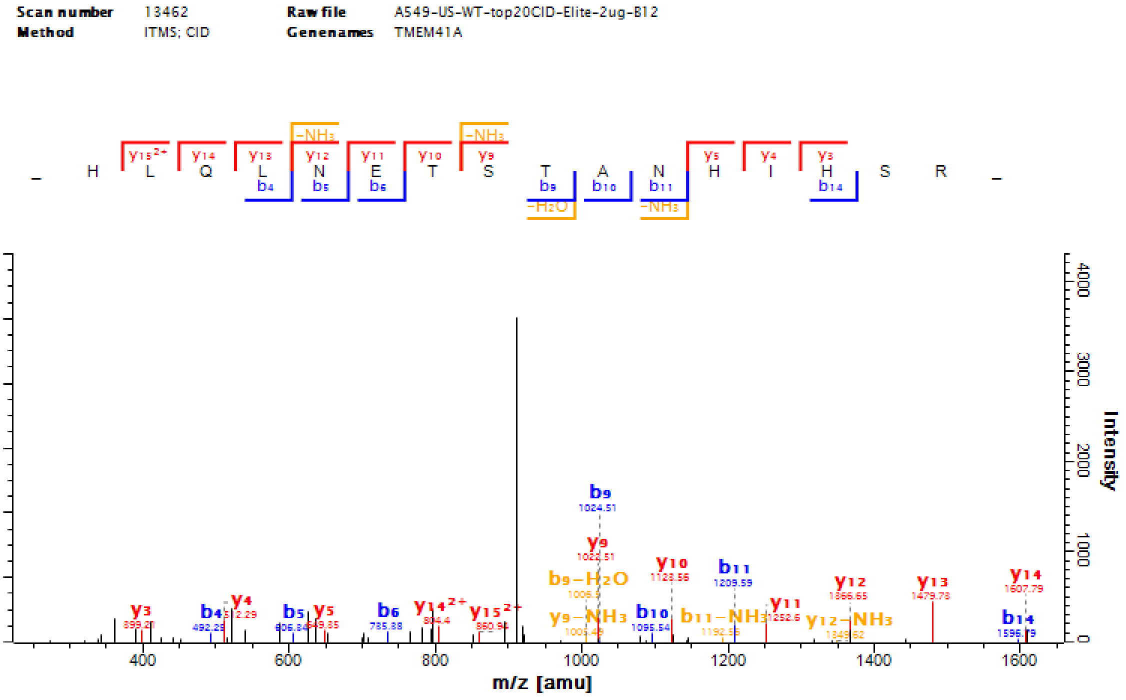


Protein Group ID: 4373
Protein Accession Numbers: Q96HJ9
Gene Names: C7orf55
Peptide Sequence: SVEESAGLVGLK
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 89.805
Best Match Posterior Error Probability: 0.0014516
Best Match Spectrum:

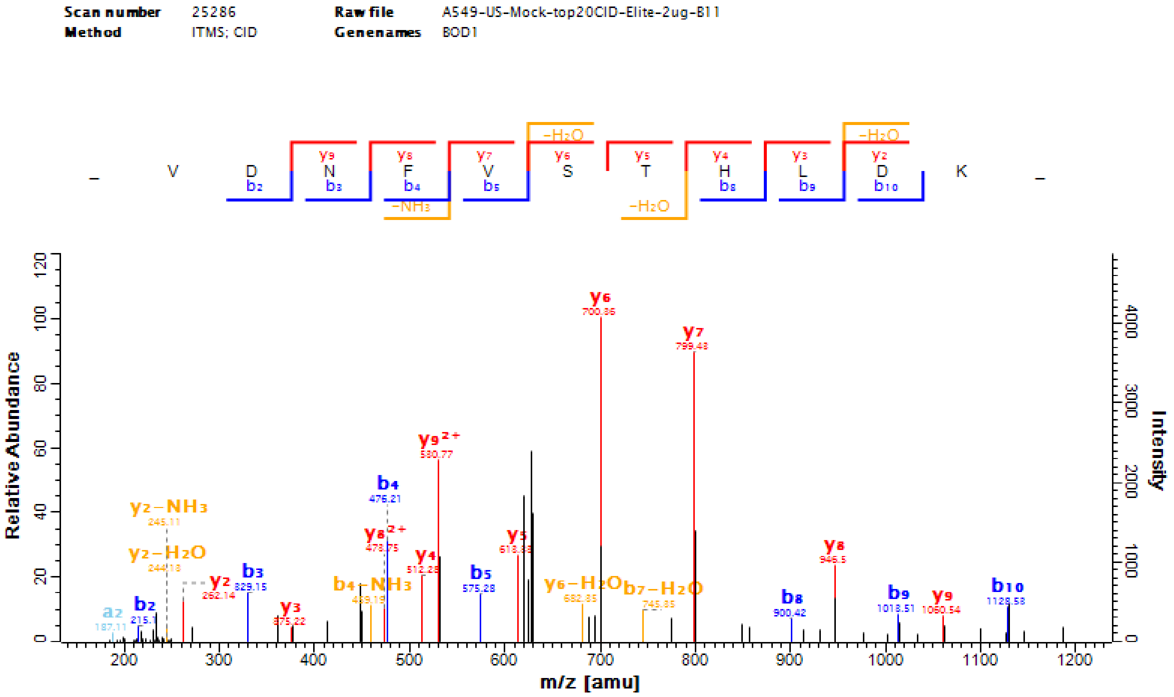
Scan number	33644	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	C7orf55



Protein Group ID: 4376
Protein Accession Numbers: Q96HV5
Gene Names: TMEM41A
Peptide Sequence: HLQLNETSTANHIHSR
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 104.21
Best Match Posterior Error Probability: 0.00014174
Best Match Spectrum:

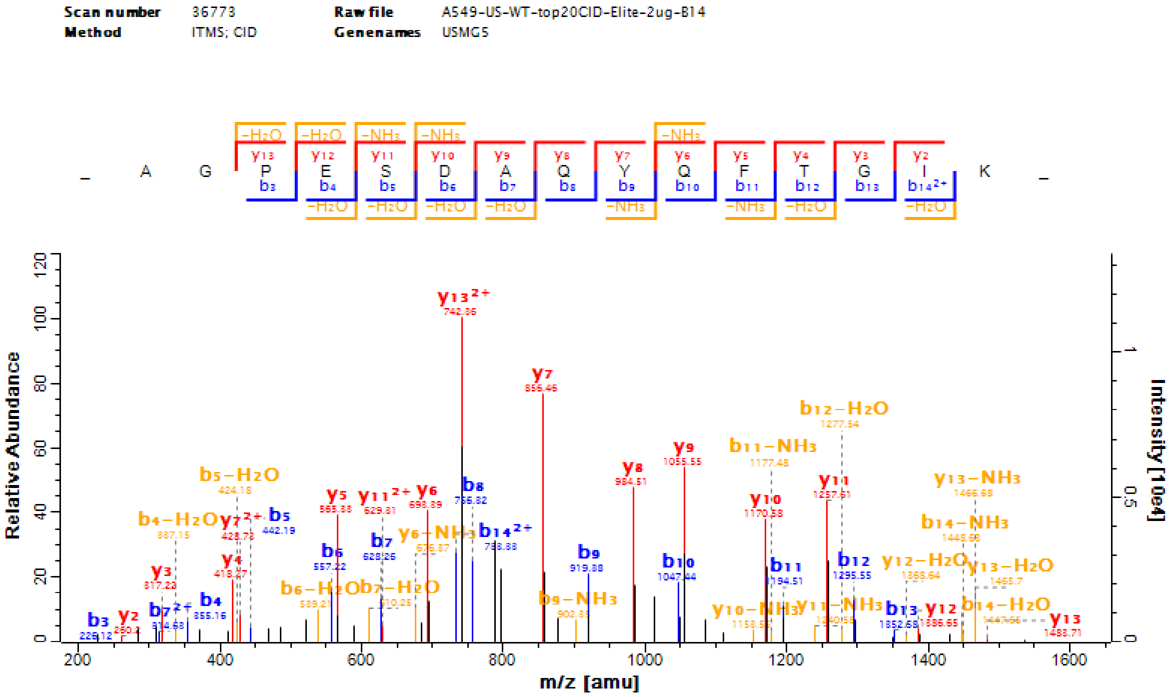


Protein Group ID: 4385
Protein Accession Numbers: Q96IK1; Q96IK1-2
Gene Names: BOD1
Peptide Sequence: VDNFVSTHLDK
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 124.12
Best Match Posterior Error Probability: 4.39E-05
Best Match Spectrum:

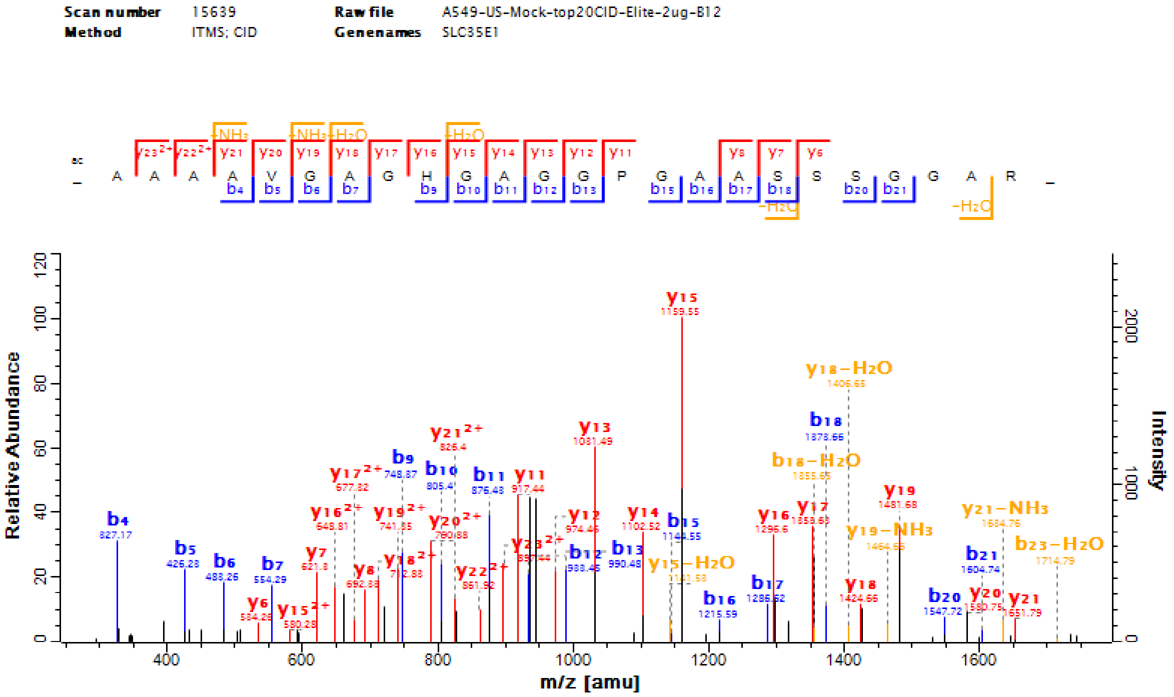


Scan number 25286 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** BOD1

Protein Group ID: 4386
Protein Accession Numbers: Q96IX5
Gene Names: USMG5
Peptide Sequence: AGPESDAQYQFTGIK
Total Number of Spectra: 10
Number of Replicates (out of 8): 7
Best Match Score: 288.45
Best Match Posterior Error Probability: 3.27E-144
Best Match Spectrum:

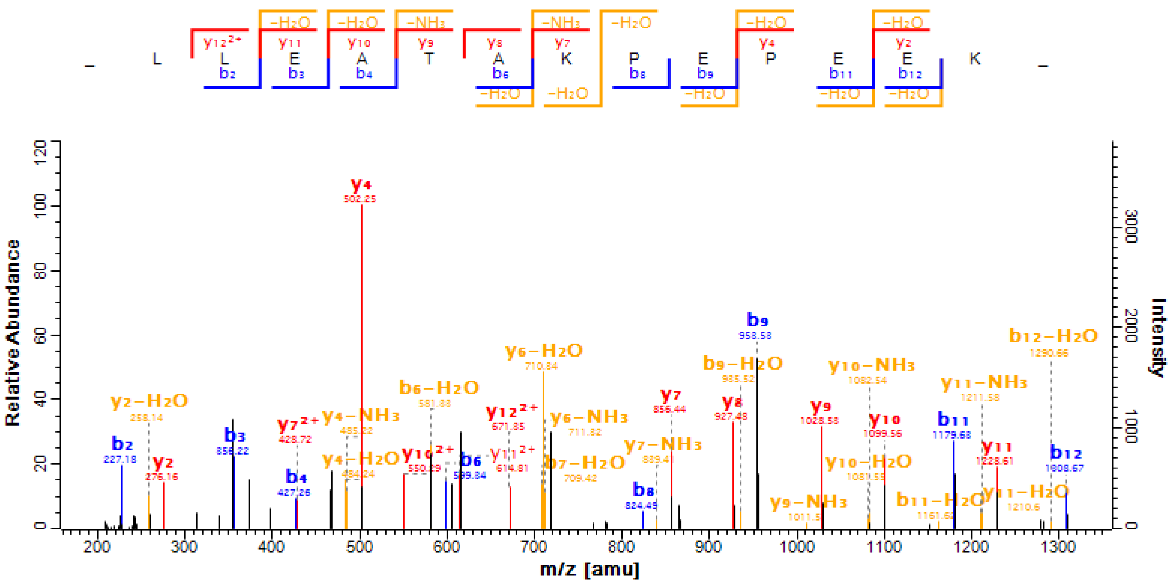


Protein Group ID: 4399
Protein Accession Numbers: Q96K37
Gene Names: SLC35E1
Peptide Sequence: AAAAVGAGHGAGGPGAASSSGGAR
Total Number of Spectra: 13
Number of Replicates (out of 8): 7
Best Match Score: 228.85
Best Match Posterior Error Probability: 1.24E-81
Best Match Spectrum:

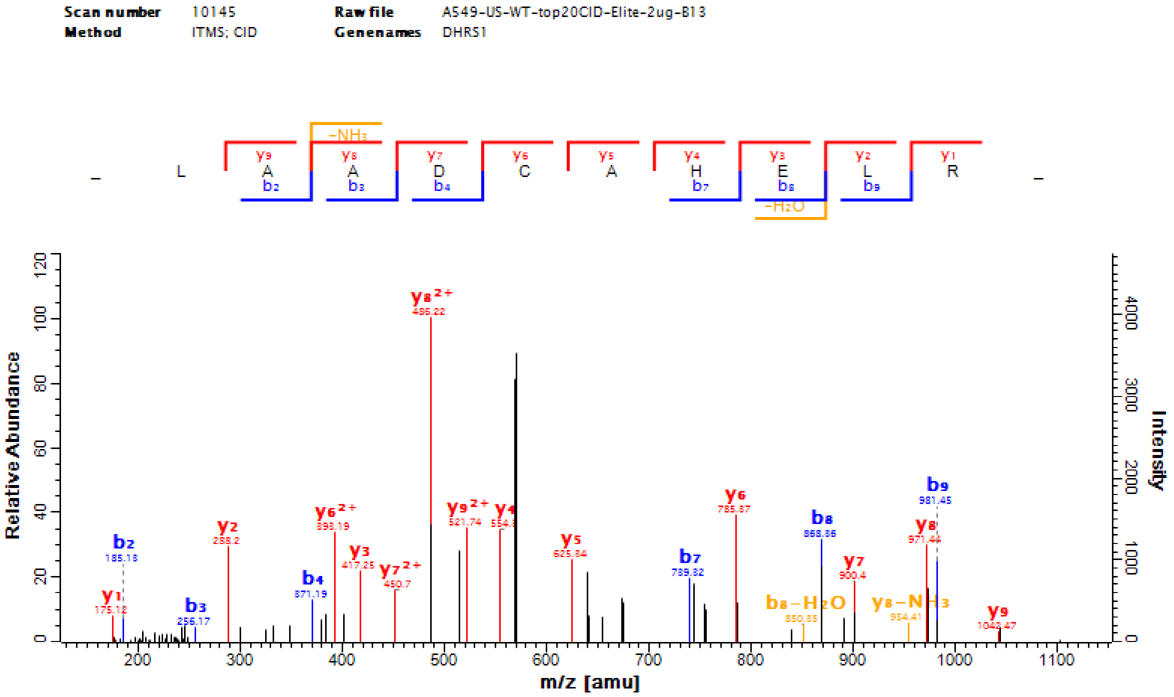


Protein Group ID: 4402
Protein Accession Numbers: Q96KC8
Gene Names: DNAJC1
Peptide Sequence: LLEATAKPEPEEK
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 219.43
Best Match Posterior Error Probability: 1.06E-39
Best Match Spectrum:

Scan number	13475	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	DNAJC1

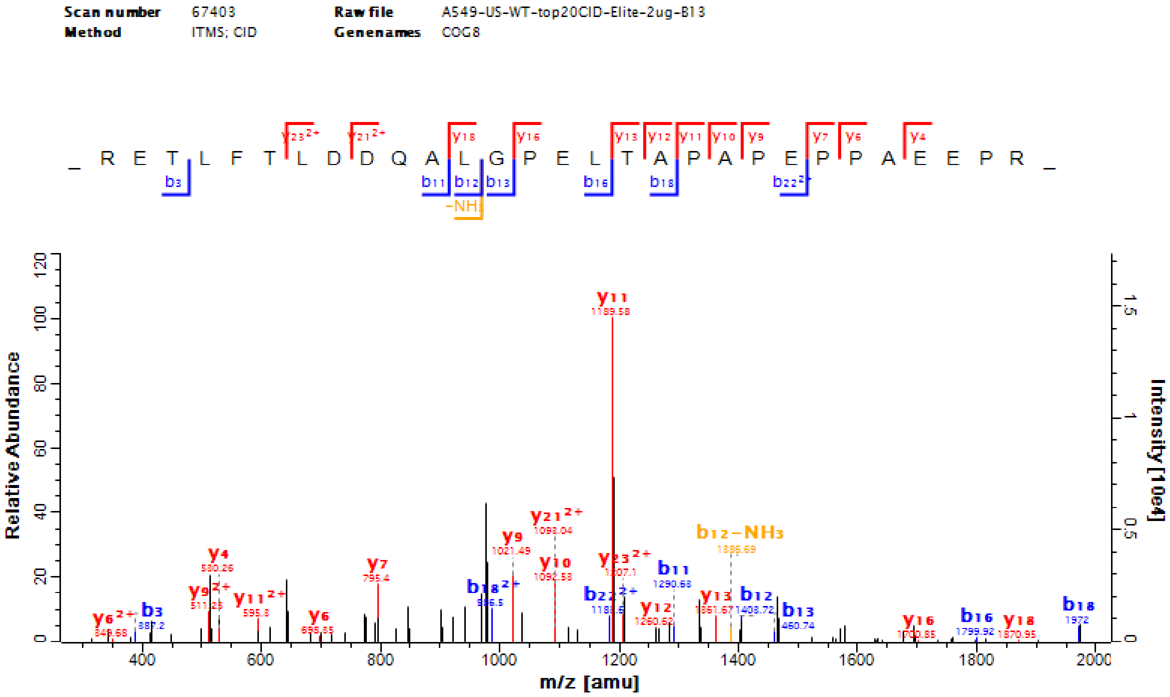


Protein Group ID: 4410
Protein Accession Numbers: Q96LJ7
Gene Names: DHRS1
Peptide Sequence: LAADCAHELR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 138.22
Best Match Posterior Error Probability: 1.09E-05
Best Match Spectrum:

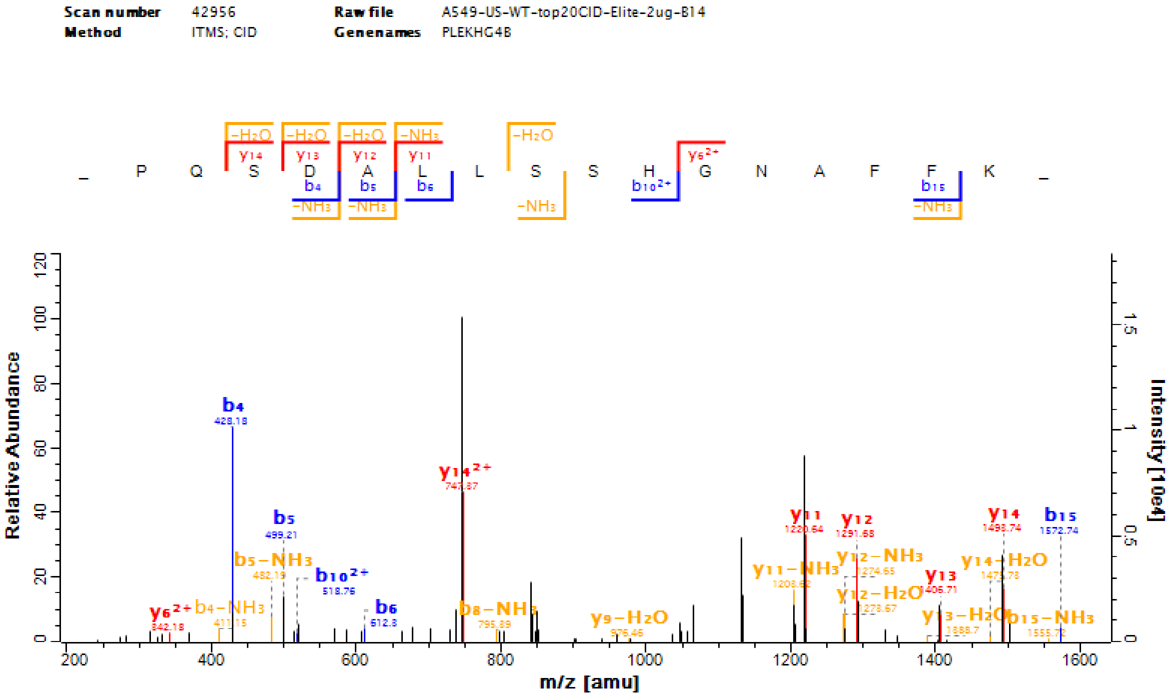


Scan number 10145 **Raw file** A549-US-WT-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** DHRS1

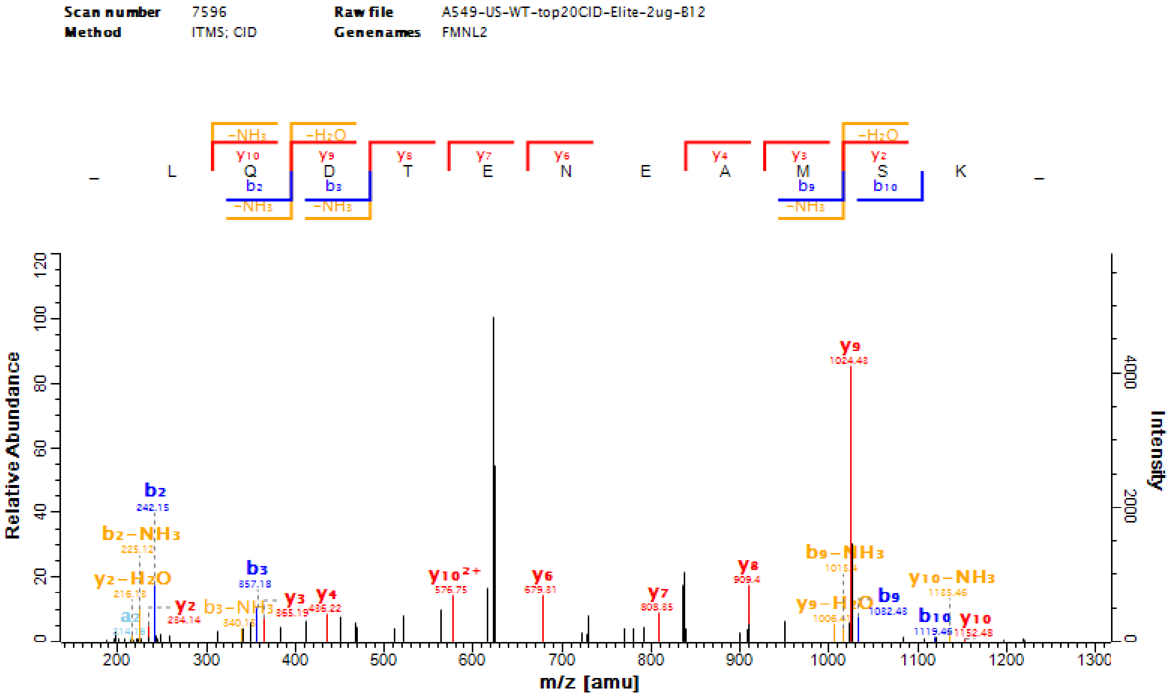
Protein Group ID: 4414
Protein Accession Numbers: Q96MW5
Gene Names: COG8
Peptide Sequence: RETLFTLDDQALGPELTAPAPEPPAEEPR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 60.382
Best Match Posterior Error Probability: 0.0010003
Best Match Spectrum:



Protein Group ID: 4429
Protein Accession Numbers: Q96PX9
Gene Names: PLEKHG4B
Peptide Sequence: PQSDALLSSHGNAFFK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 90.444
Best Match Posterior Error Probability: 0.00055388
Best Match Spectrum:

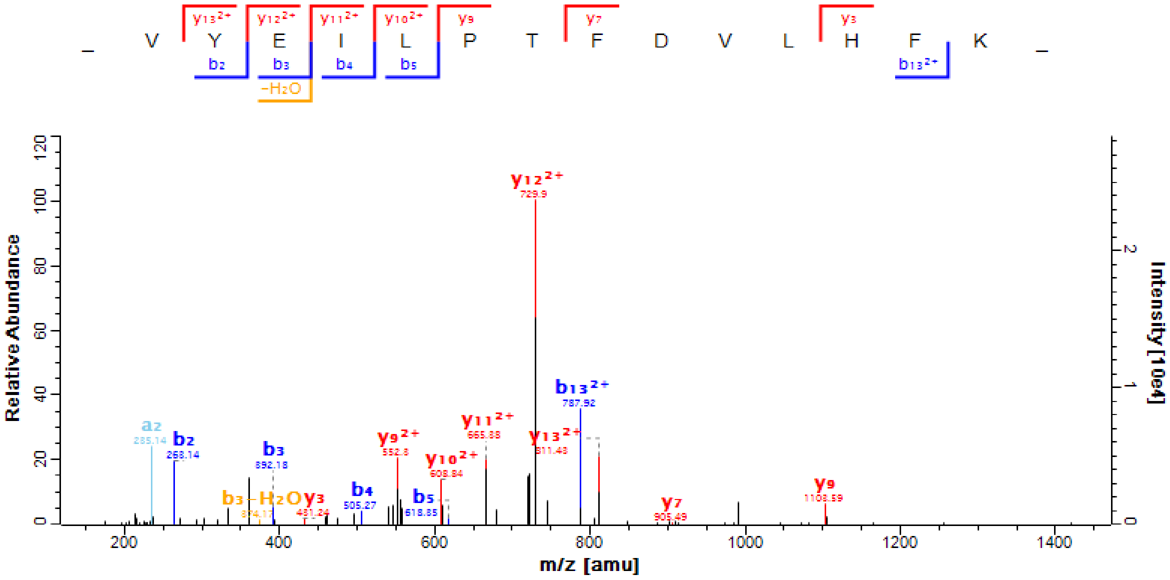


Protein Group ID: 4430
Protein Accession Numbers: Q96PY5-3; Q96PY5
Gene Names: FMNL2
Peptide Sequence: LQDTENEAMSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 90.697
Best Match Posterior Error Probability: 0.0014053
Best Match Spectrum:

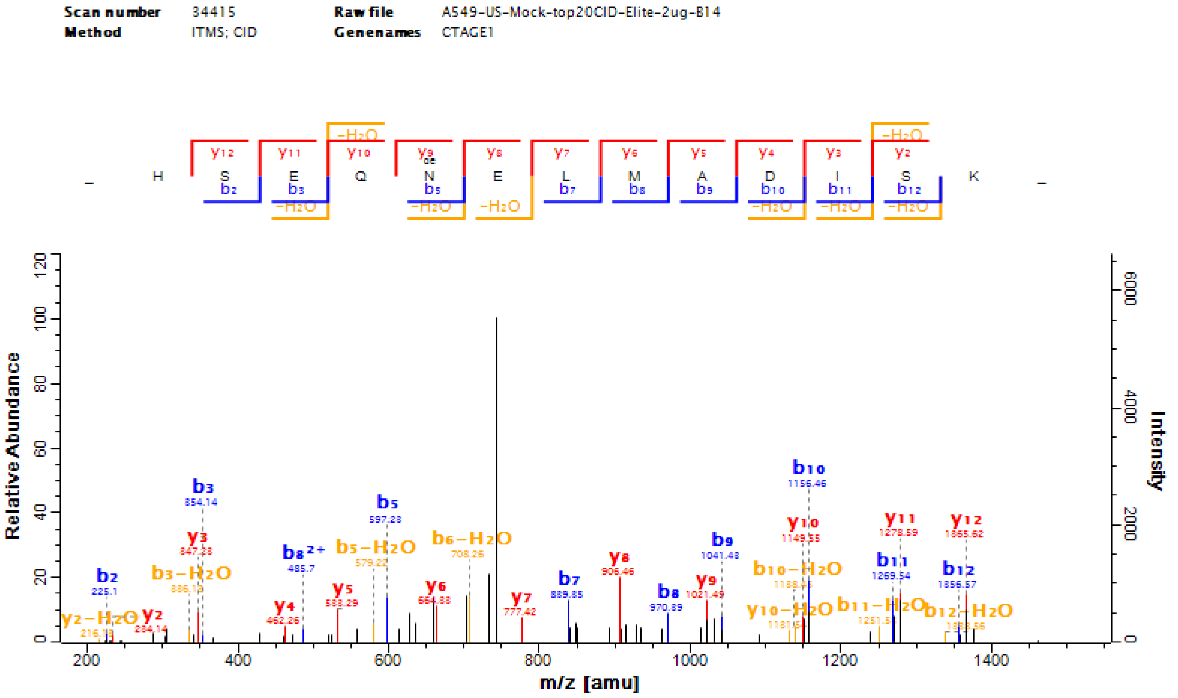


Protein Group ID: 4439
Protein Accession Numbers: Q96RD7; Q96RD7-2
Gene Names: PANX1
Peptide Sequence: VYEILPTFDVLHFK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 78.903
Best Match Posterior Error Probability: 0.003518
Best Match Spectrum:

Scan number	80186	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	PANX1

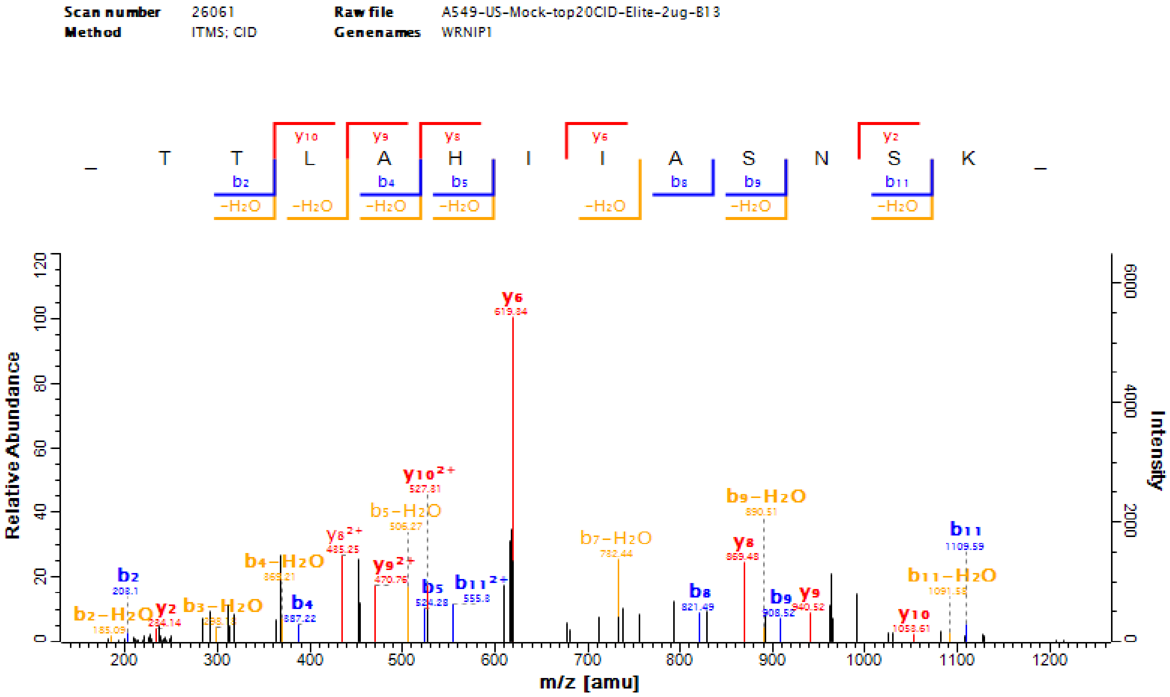


Protein Group ID: 4444
Protein Accession Numbers: Q96RT6
Gene Names: CTAGE1
Peptide Sequence: HSEQNELMADISK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 157.23
Best Match Posterior Error Probability: 1.64E-08
Best Match Spectrum:

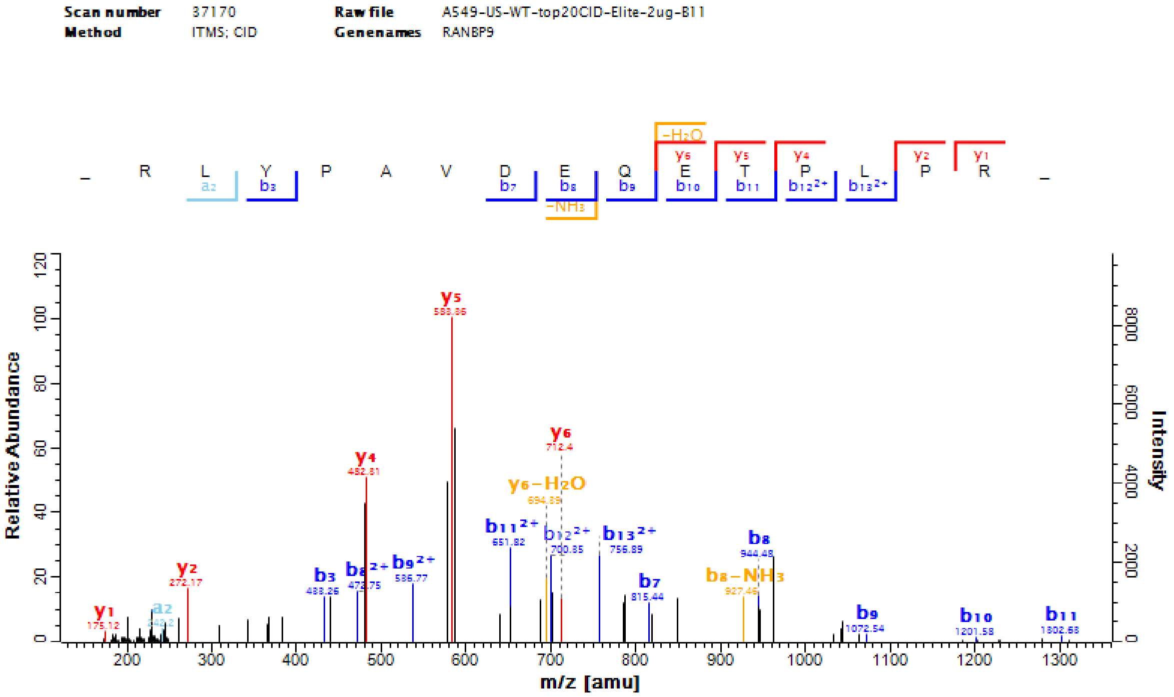


Scan number 34415 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** CTAGE1

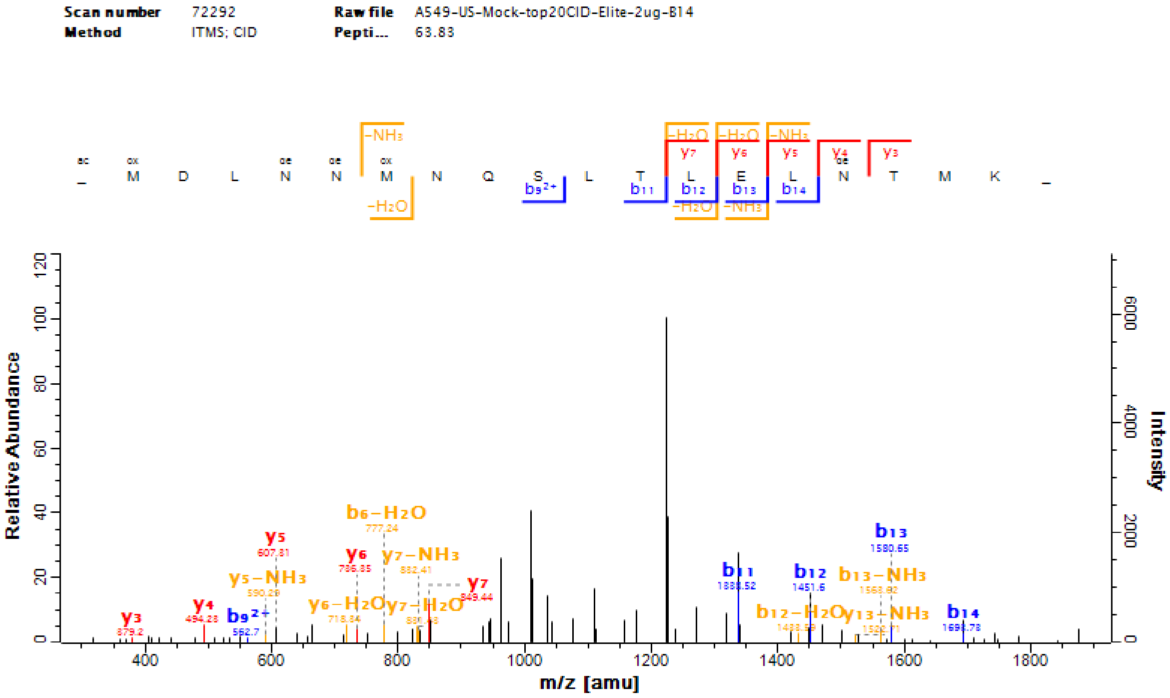
Protein Group ID: 4448
Protein Accession Numbers: Q96S55; Q96S55-2; Q96S55-3
Gene Names: WRNIP1
Peptide Sequence: TTLAHIIASNSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 127.56
Best Match Posterior Error Probability: 0.00010135
Best Match Spectrum:



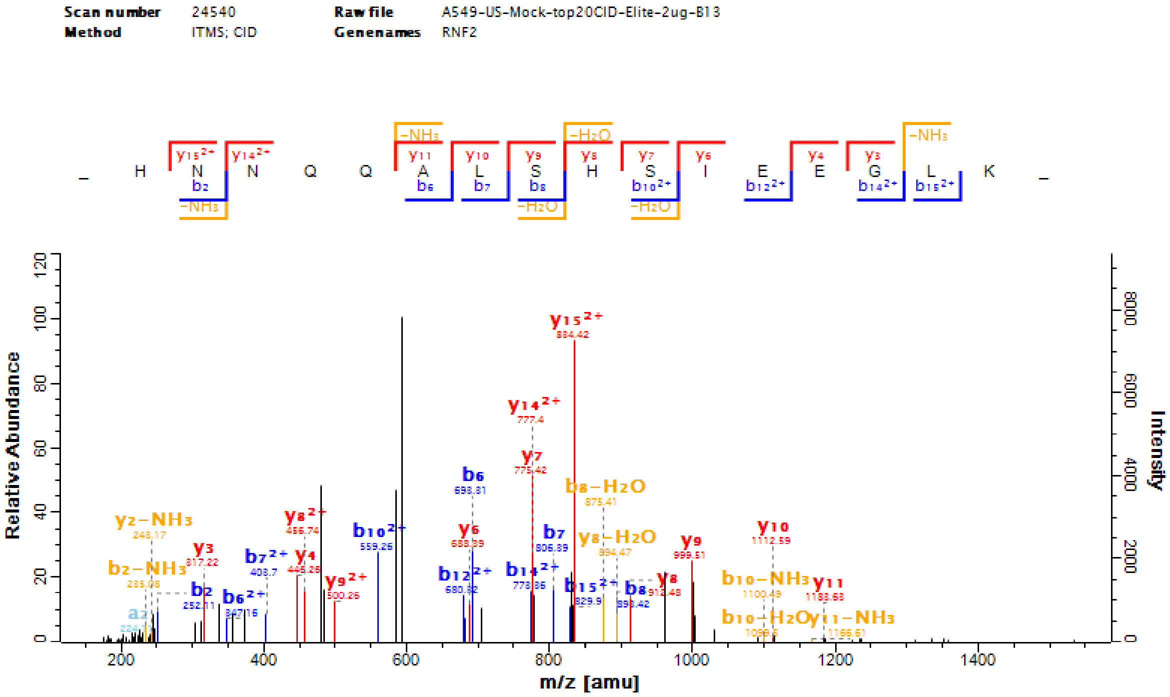
Protein Group ID: 4449
Protein Accession Numbers: Q96S59
Gene Names: RANBP9
Peptide Sequence: RLYPAVDEQETPLPR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 87.083
Best Match Posterior Error Probability: 0.0024477
Best Match Spectrum:



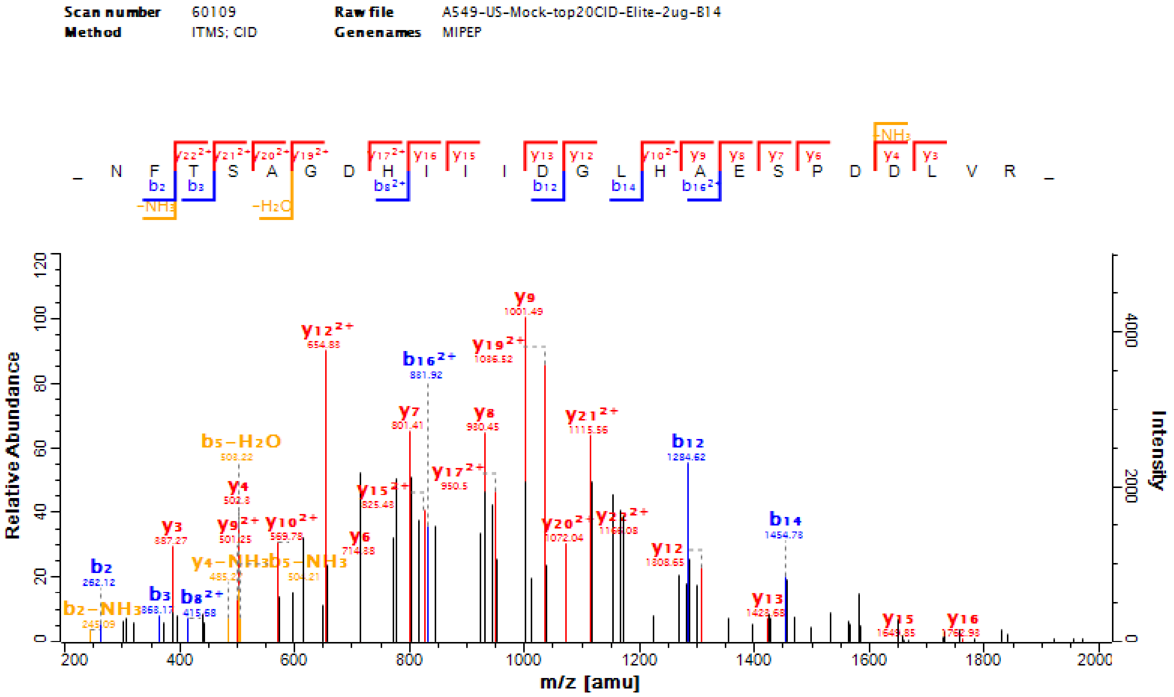
Protein Group ID: 4457
Protein Accession Numbers: Q96ST8-2
Gene Names:
Peptide Sequence: MDLNNMNQSLTLELNTMK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 63.827
Best Match Posterior Error Probability: 0.00015283
Best Match Spectrum:



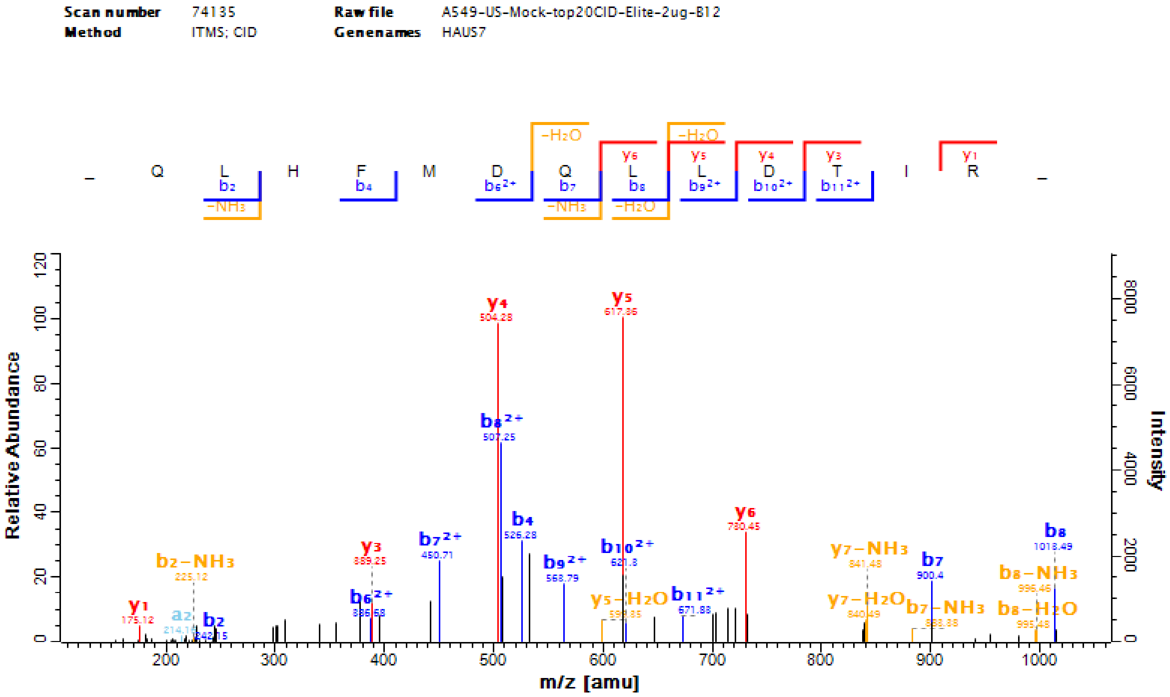
Protein Group ID: 4475
Protein Accession Numbers: Q99496
Gene Names: RNF2
Peptide Sequence: HNNQQALSHSIEEGLK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 138.55
Best Match Posterior Error Probability: 2.96E-05
Best Match Spectrum:



Protein Group ID: 4497
Protein Accession Numbers: Q99797
Gene Names: MIPEP
Peptide Sequence: NFTSAGDHIIIDGLHAESPDDLVR
Total Number of Spectra: 8
Number of Replicates (out of 8): 6
Best Match Score: 99.603
Best Match Posterior Error Probability: 6.18E-07
Best Match Spectrum:

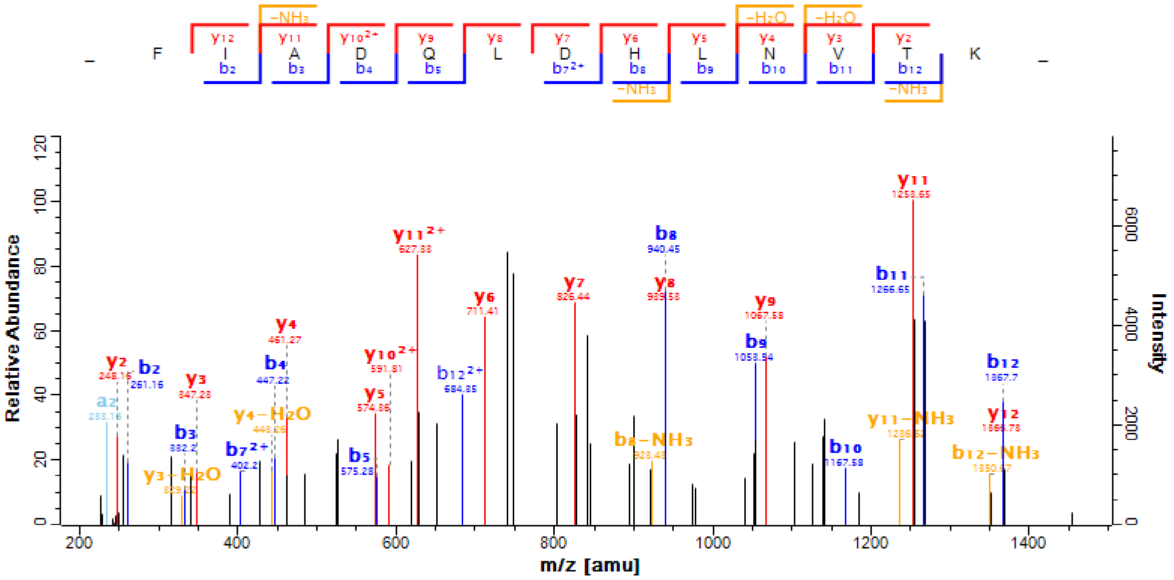


Protein Group ID: 4501
Protein Accession Numbers: Q99871-2; Q99871; Q99871-3
Gene Names: HAUS7
Peptide Sequence: QLHFMDQLLDTIR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 100.04
Best Match Posterior Error Probability: 0.00050986
Best Match Spectrum:

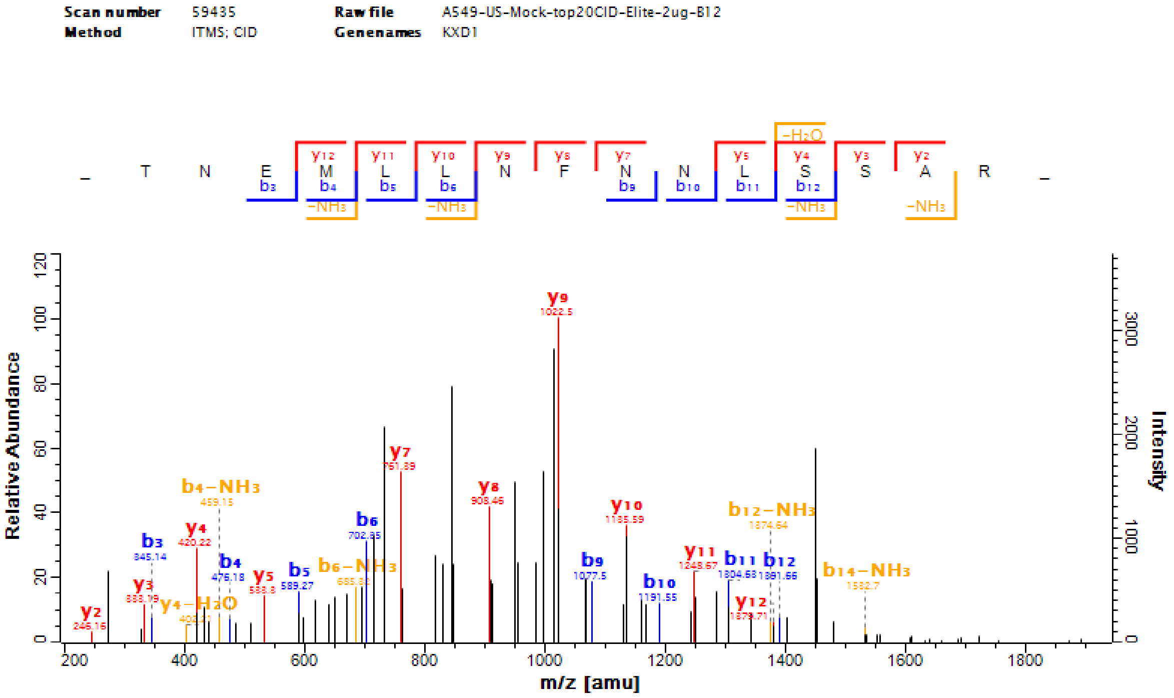


Protein Group ID: 4516
Protein Accession Numbers: Q9BQC6
Gene Names: MRP63
Peptide Sequence: FIADQLDHLNVTK
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 176.87
Best Match Posterior Error Probability: 5.35E-14
Best Match Spectrum:

Scan number	46220	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	MRP63

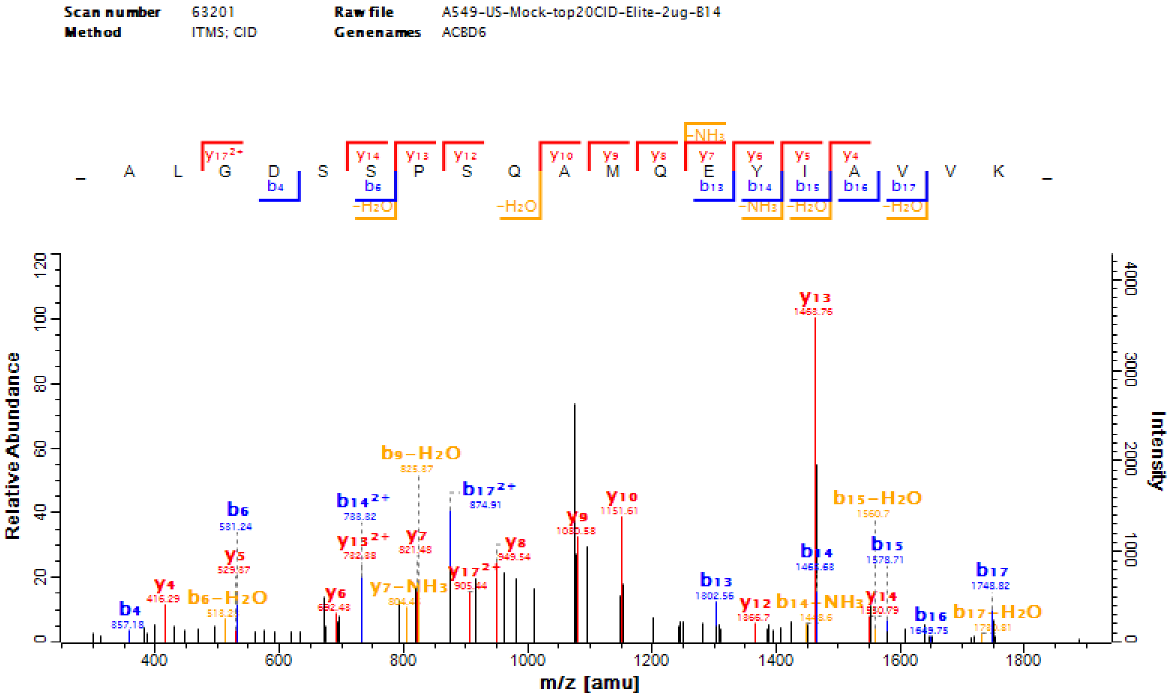


Protein Group ID: 4517
Protein Accession Numbers: Q9BQD3
Gene Names: KXD1
Peptide Sequence: TNEMLLNFNNLSSAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 103.04
Best Match Posterior Error Probability: 0.00018141
Best Match Spectrum:

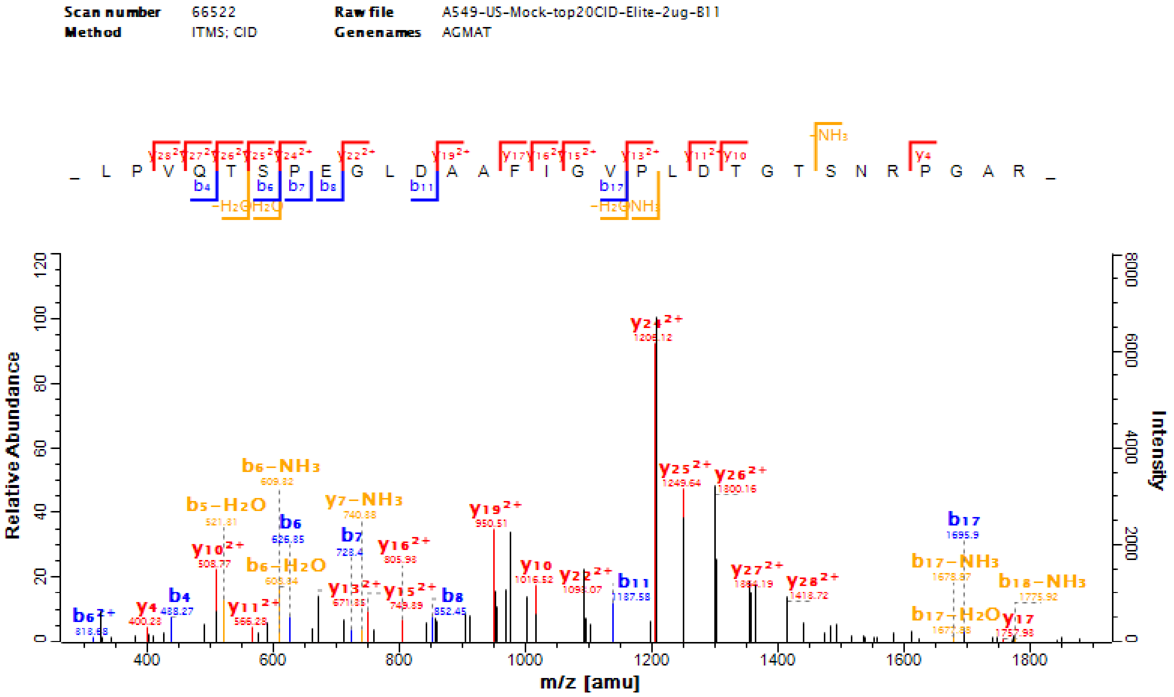


Scan number 59435 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** KXD1

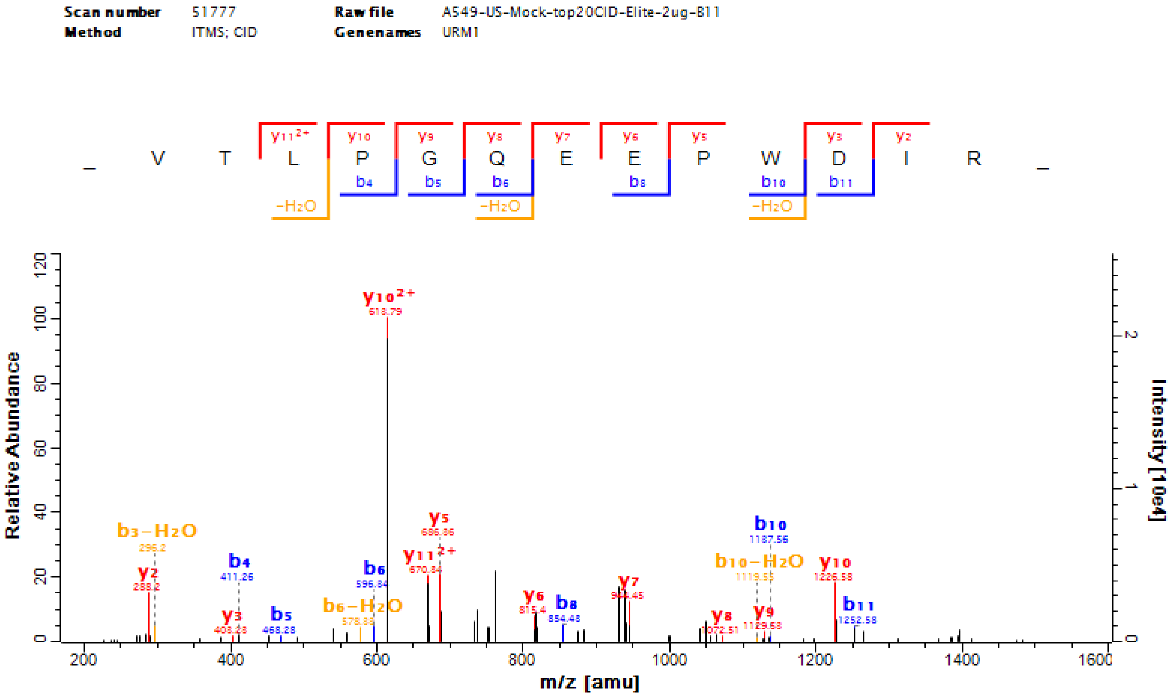
Protein Group ID: 4523
Protein Accession Numbers: Q9BR61
Gene Names: ACBD6
Peptide Sequence: ALGDSSPSQAMQEYIAVVK
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 135.08
Best Match Posterior Error Probability: 8.10E-06
Best Match Spectrum:



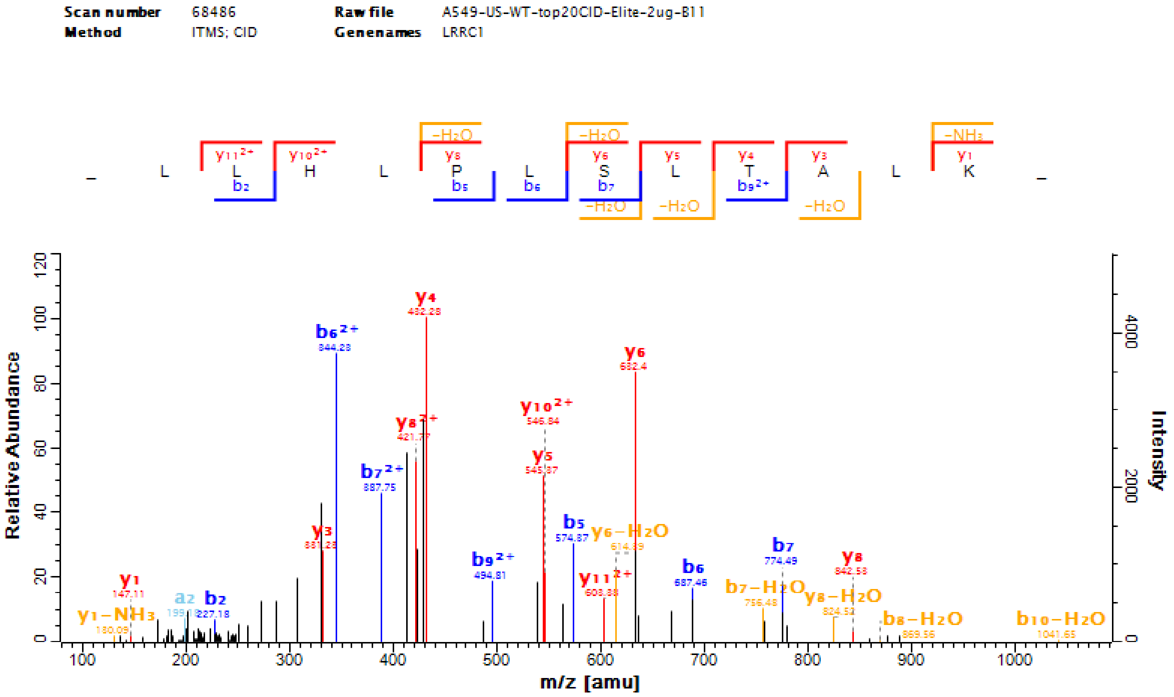
Protein Group ID: 4543
Protein Accession Numbers: Q9BSE5
Gene Names: AGMAT
Peptide Sequence: LPVQTSPEGLDAAFIGVPLDTGTSNRPGAR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 87.72
Best Match Posterior Error Probability: 2.05E-06
Best Match Spectrum:



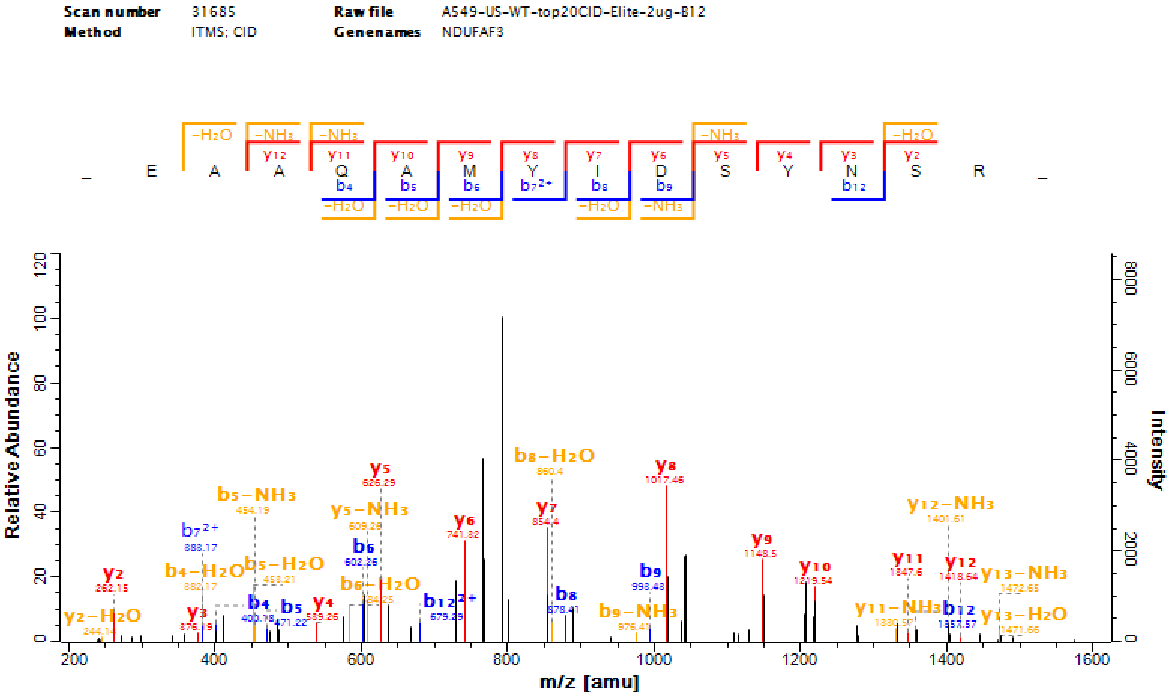
Protein Group ID: 4556
Protein Accession Numbers: Q9BTM9-2; Q9BTM9
Gene Names: URM1
Peptide Sequence: VTLPGQEEPWDIR
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 95.264
Best Match Posterior Error Probability: 0.00088456
Best Match Spectrum:



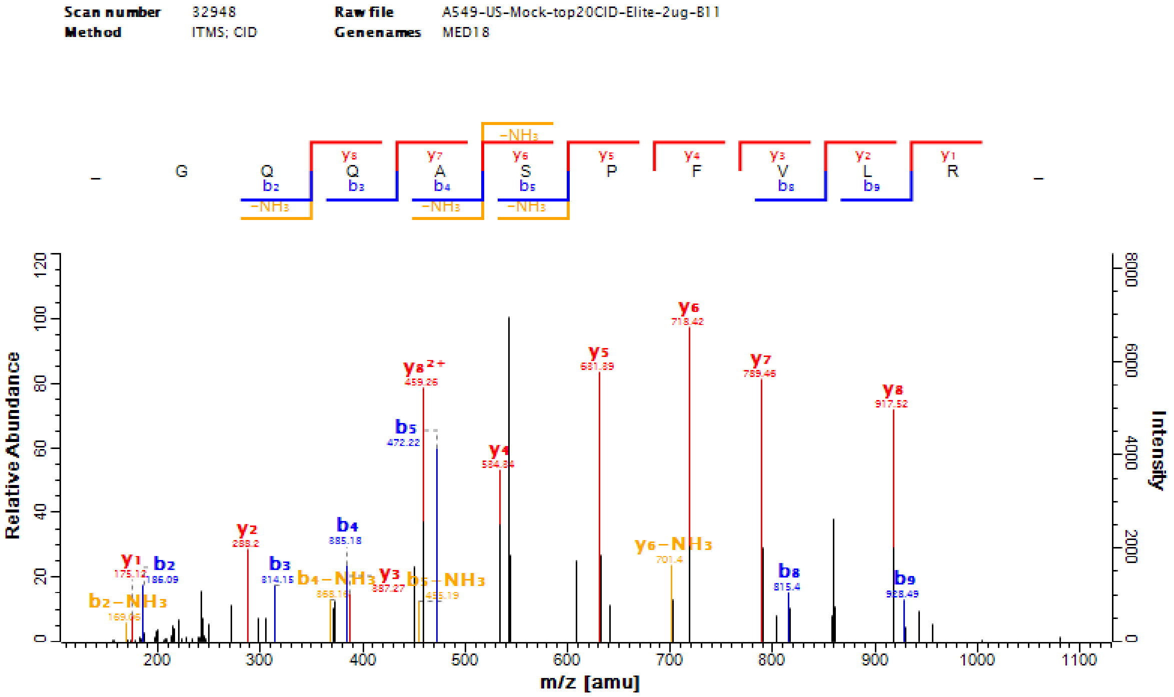
Protein Group ID: 4558
Protein Accession Numbers: Q9BTT6
Gene Names: LRRC1
Peptide Sequence: LLHLPLSLTALK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 136.96
Best Match Posterior Error Probability: 7.22E-05
Best Match Spectrum:



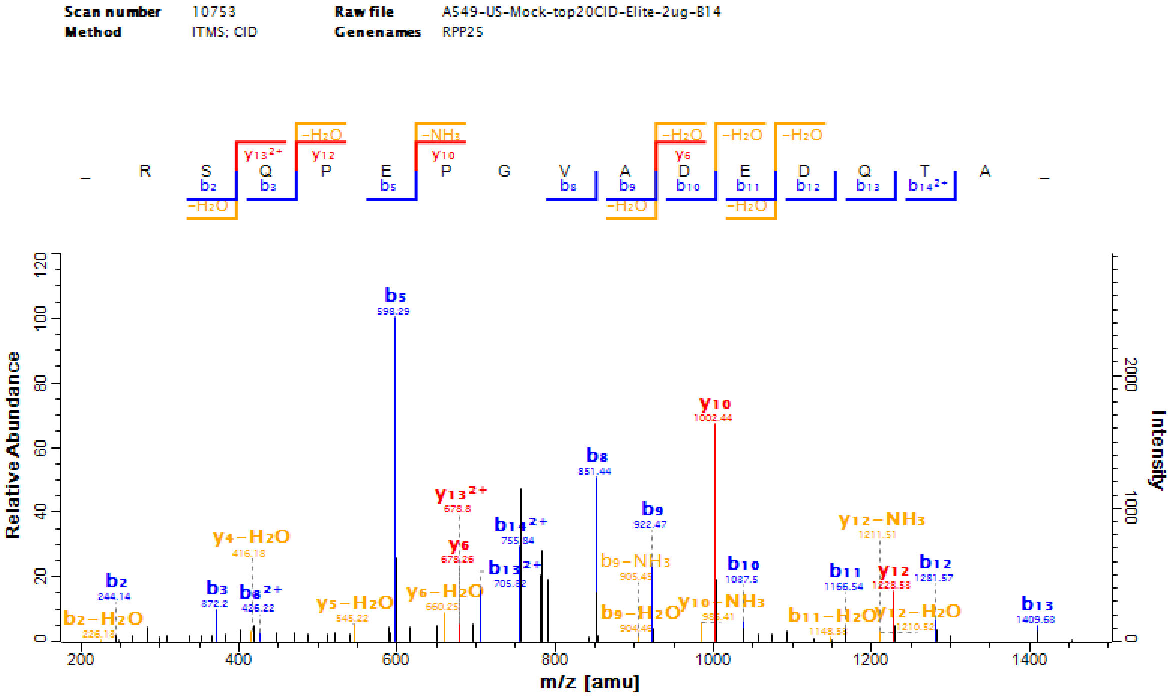
Protein Group ID: 4563
Protein Accession Numbers: Q9BU61
Gene Names: NDUFAF3
Peptide Sequence: EAAQAMYIDSYNSR
Total Number of Spectra: 6
Number of Replicates (out of 8): 3
Best Match Score: 157.35
Best Match Posterior Error Probability: 2.39E-09
Best Match Spectrum:



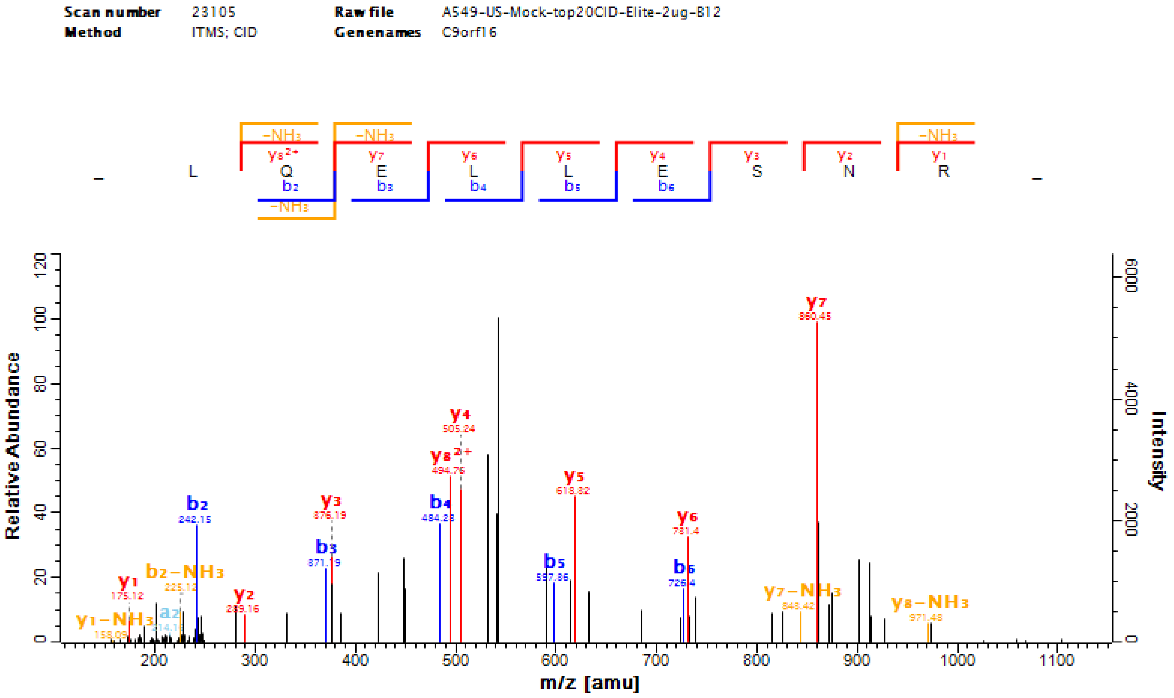
Protein Group ID: 4566
Protein Accession Numbers: Q9BUE0
Gene Names: MED18
Peptide Sequence: GQQASPFVLR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 140.07
Best Match Posterior Error Probability: 1.26E-05
Best Match Spectrum:



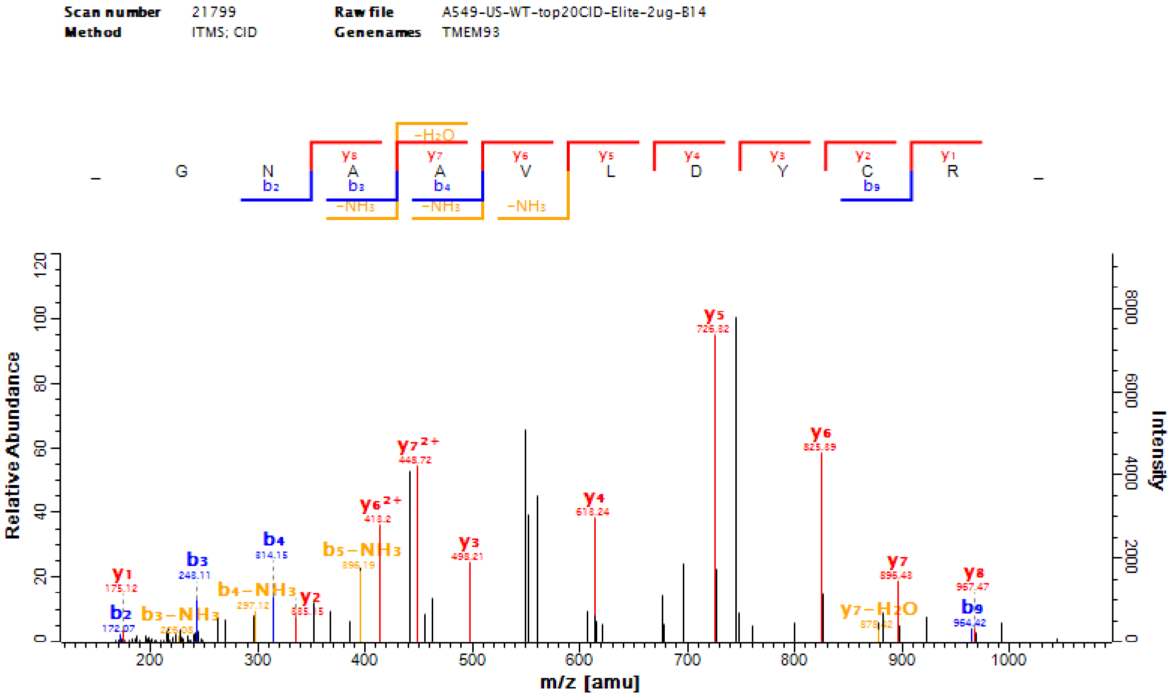
Protein Group ID: 4571
Protein Accession Numbers: Q9BUL9
Gene Names: RPP25
Peptide Sequence: RSQPEPGVADEDQTA
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 123.76
Best Match Posterior Error Probability: 8.68E-05
Best Match Spectrum:



Protein Group ID: 4576
Protein Accession Numbers: Q9BUW7
Gene Names: C9orf16
Peptide Sequence: LQELLESNR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.171
Best Match Posterior Error Probability: 0.003784
Best Match Spectrum:

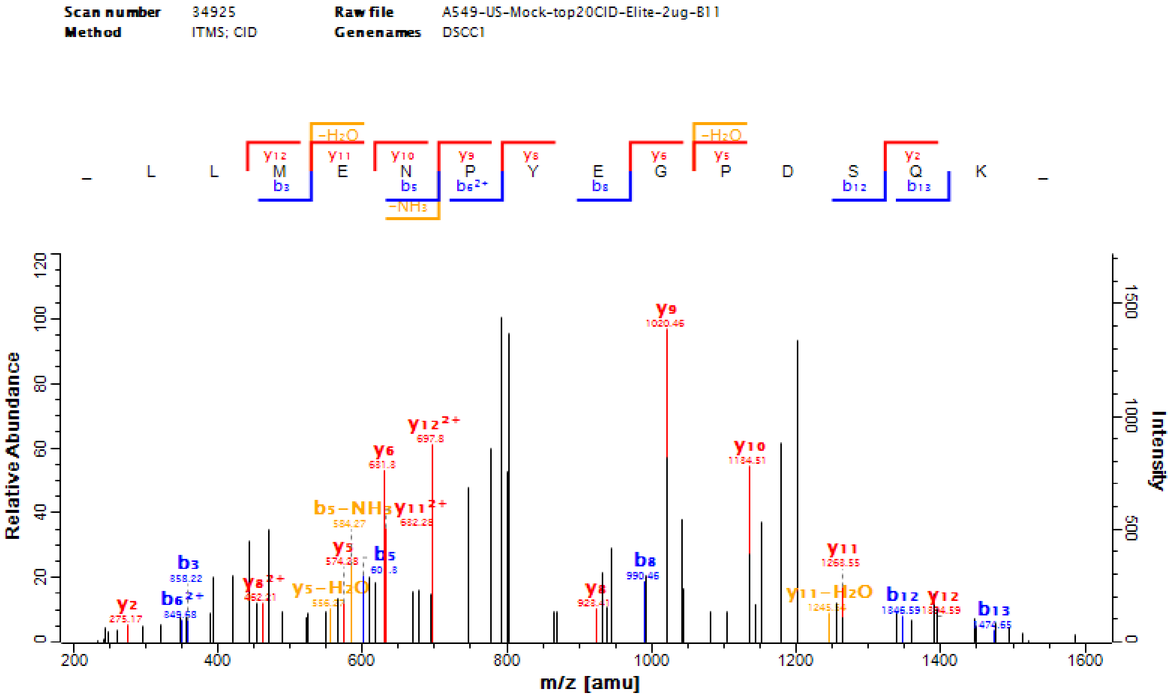


Protein Group ID: 4582
Protein Accession Numbers: Q9BV81
Gene Names: TMEM93
Peptide Sequence: GNAAVLDYCR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 99.283
Best Match Posterior Error Probability: 0.00081781
Best Match Spectrum:

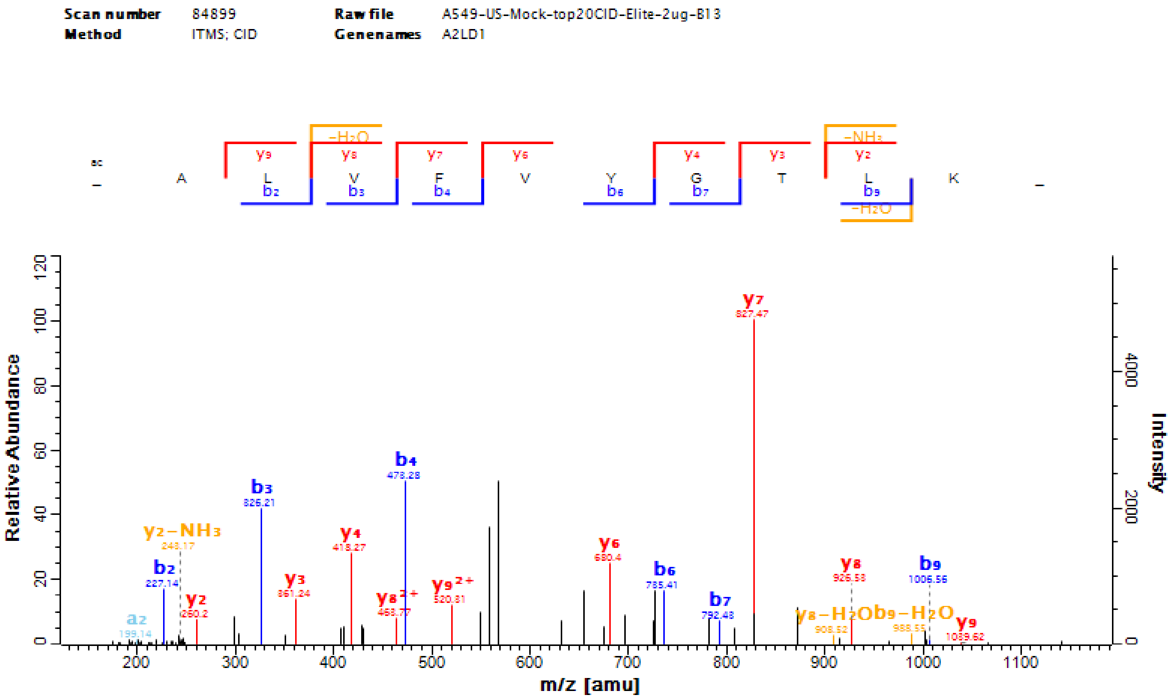


Scan number	21799	Raw file	A549-US-WT-top20CID-Elite-2ug-B14
Method	ITMS; CID	Genenames	TMEM93

Protein Group ID: 4584
Protein Accession Numbers: Q9BVC3
Gene Names: DSCC1
Peptide Sequence: LLMENPYEGPDSQK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 91.307
Best Match Posterior Error Probability: 0.001073
Best Match Spectrum:

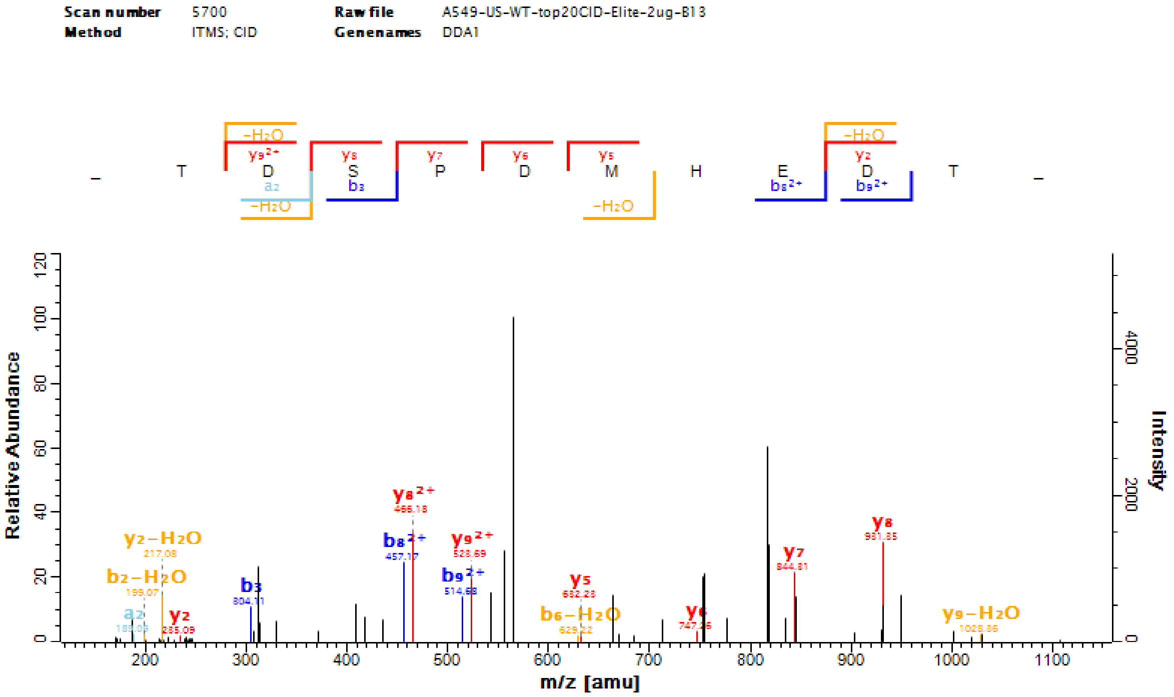


Protein Group ID: 4591
Protein Accession Numbers: Q9BVM4
Gene Names: A2LD1
Peptide Sequence: ALVFVYGTLK
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 128.27
Best Match Posterior Error Probability: 6.04E-05
Best Match Spectrum:

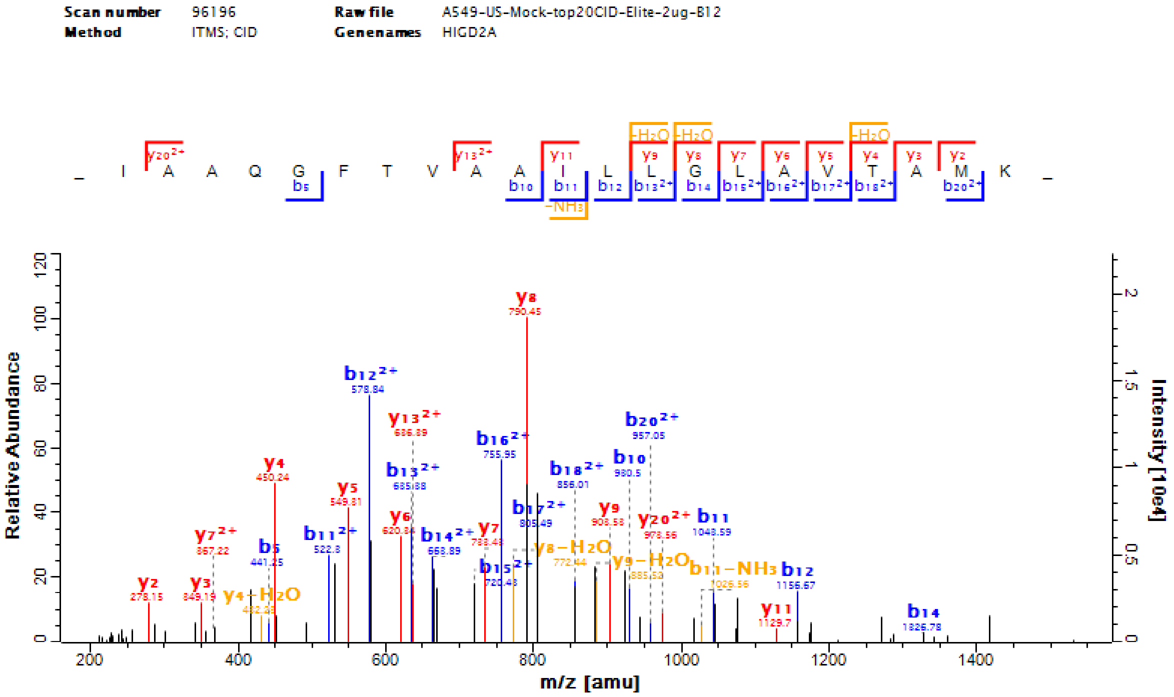


Scan number 84899
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B13
Genenames A2LD1

Protein Group ID: 4595
Protein Accession Numbers: Q9BW61
Gene Names: DDA1
Peptide Sequence: TDSPDMHEDT
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 84.615
Best Match Posterior Error Probability: 0.003302
Best Match Spectrum:

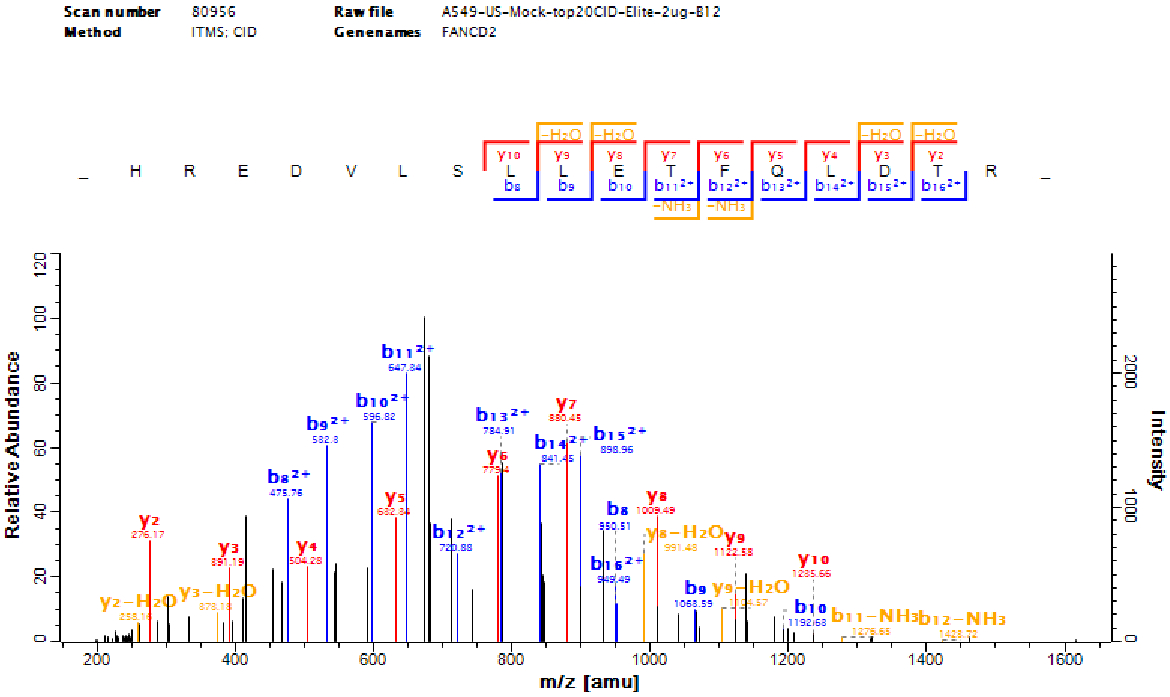


Protein Group ID: 4596
Protein Accession Numbers: Q9BW72
Gene Names: HIGD2A
Peptide Sequence: IAAQGFTVAAILLGLAVTAMK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 136.66
Best Match Posterior Error Probability: 2.83E-14
Best Match Spectrum:



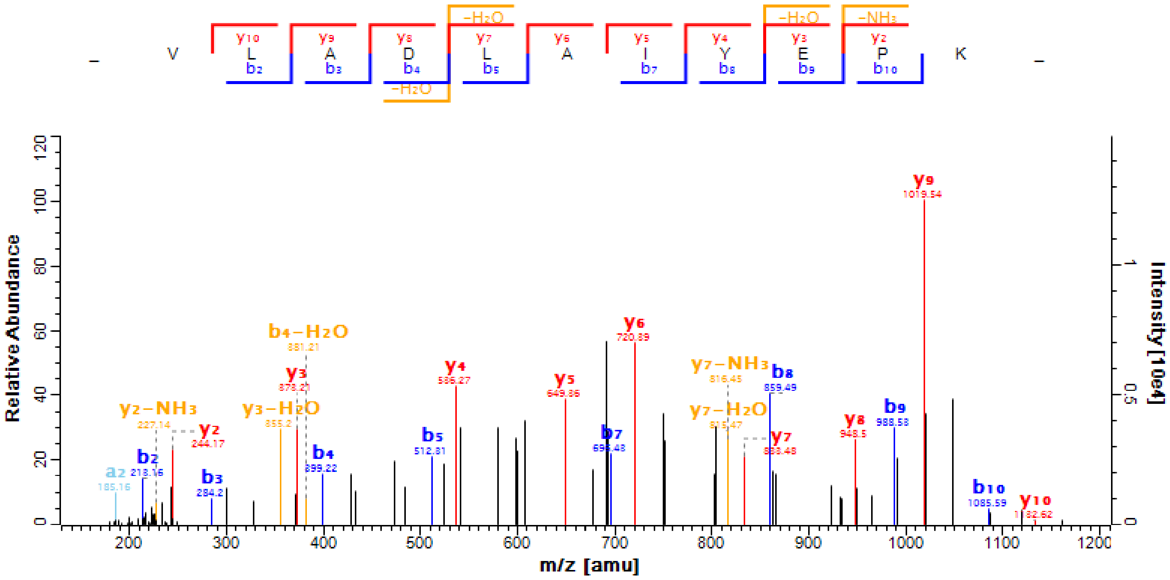
Scan number 96196 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** HIGD2A

Protein Group ID: 4618
Protein Accession Numbers: Q9BXW9; Q9BXW9-2
Gene Names: FANCD2
Peptide Sequence: HREDVLSLLETFQLDTR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 134.25
Best Match Posterior Error Probability: 0.00033567
Best Match Spectrum:

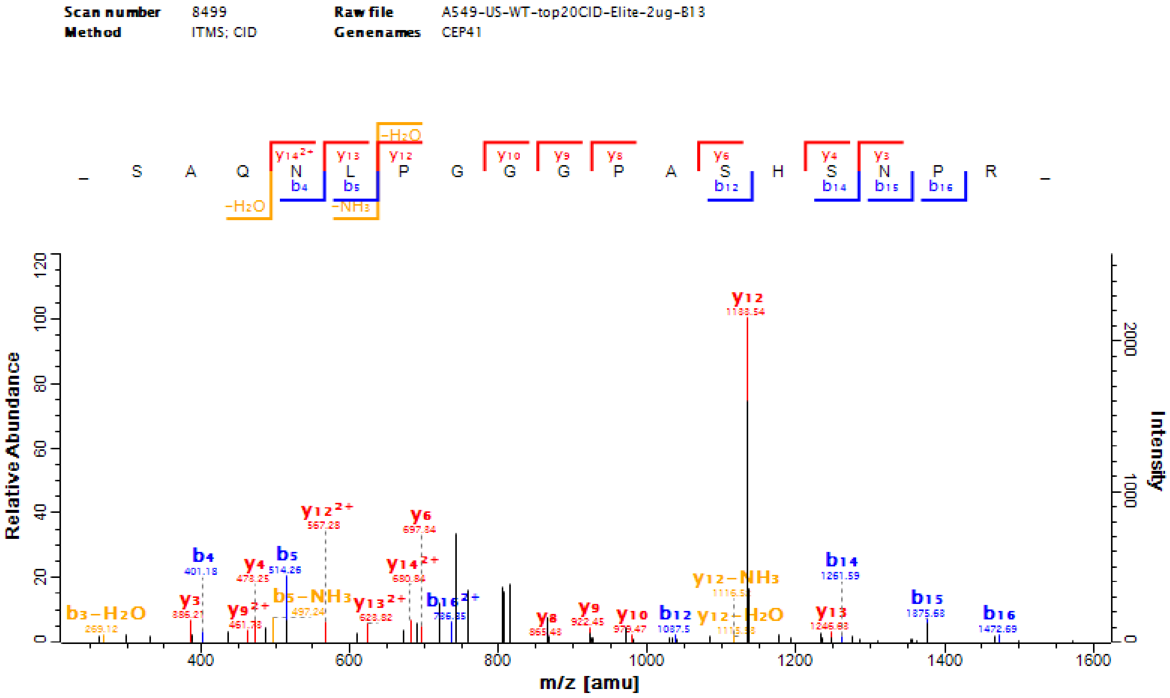


Protein Group ID: 4625
Protein Accession Numbers: Q9BYC9
Gene Names: MRPL20
Peptide Sequence: VLADLAIYEPK
Total Number of Spectra: 11
Number of Replicates (out of 8): 8
Best Match Score: 140.78
Best Match Posterior Error Probability: 2.23E-05
Best Match Spectrum:

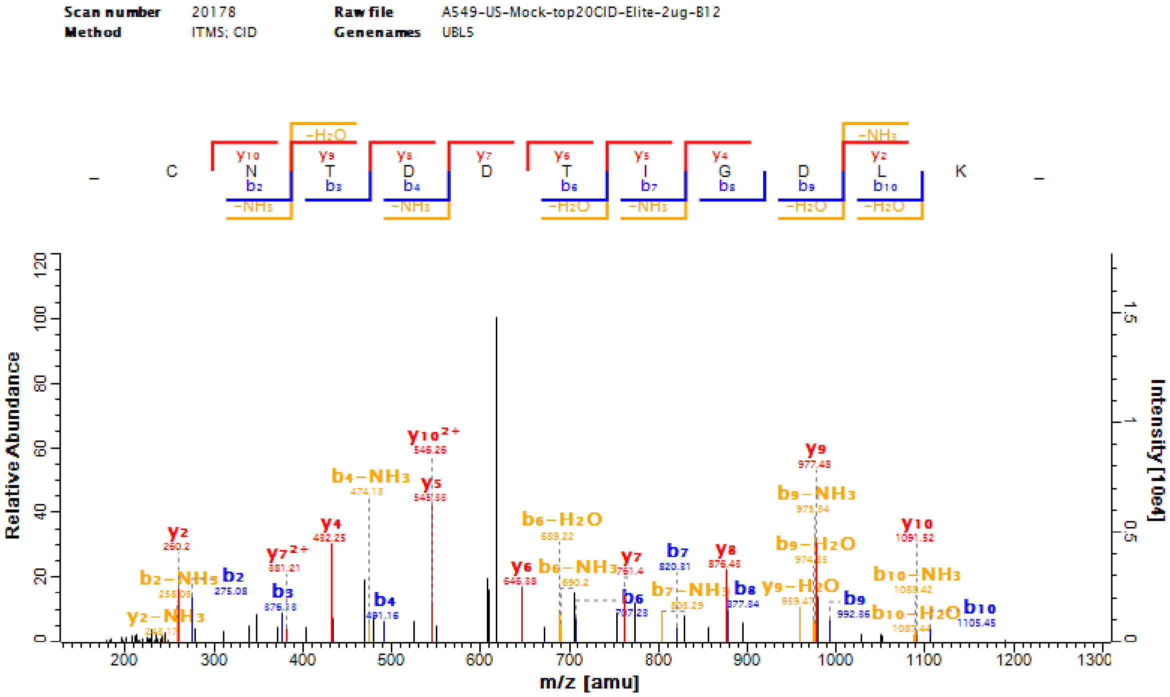
Scan number	51373	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B12
Method	ITMS; CID	**Genenames**	MRPL20



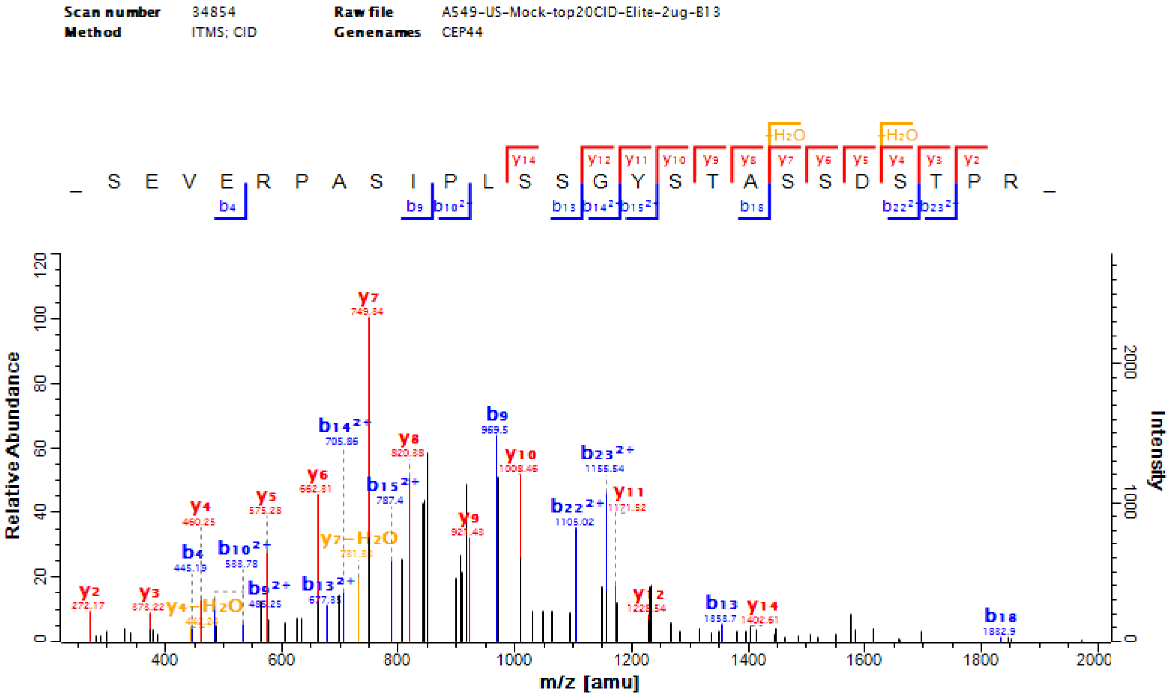
Protein Group ID: 4636
Protein Accession Numbers: Q9BYV8; Q9BYV8-2; Q9BYV8-5; Q9BYV8-3
Gene Names: CEP41
Peptide Sequence: SAQNLPGGGPASHSNPR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 103.13
Best Match Posterior Error Probability: 0.0001502
Best Match Spectrum:



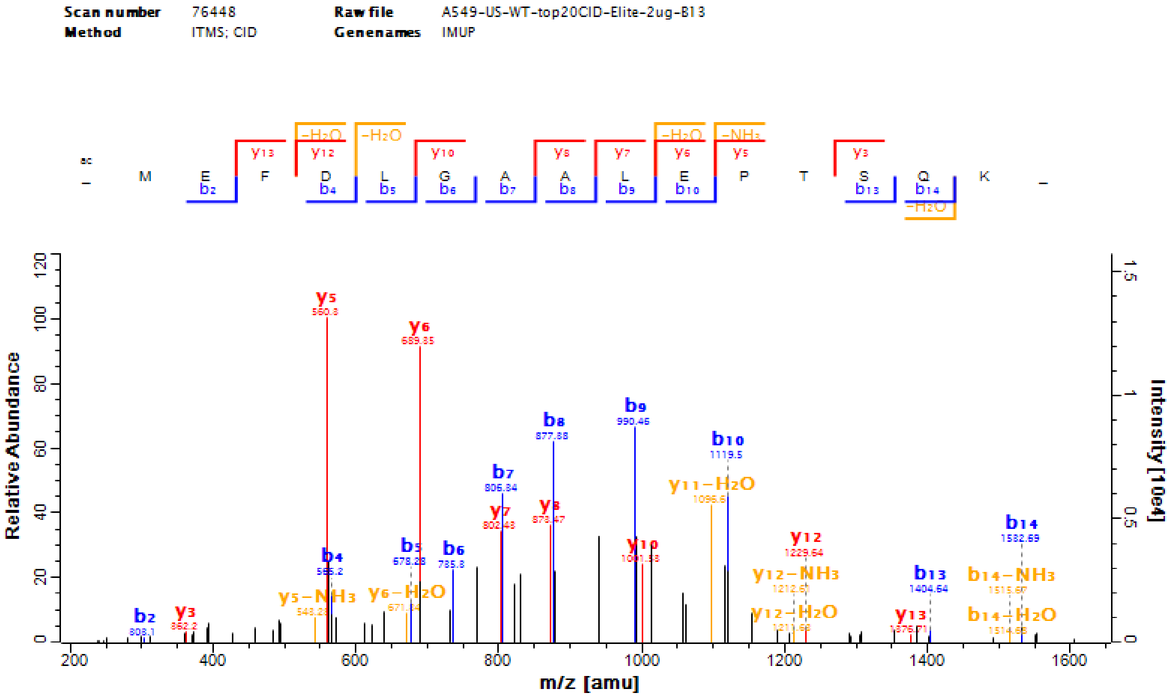
Protein Group ID: 4646
Protein Accession Numbers: Q9BZL1
Gene Names: UBL5
Peptide Sequence: CNTDDTIGDLK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 180.24
Best Match Posterior Error Probability: 8.26E-10
Best Match Spectrum:



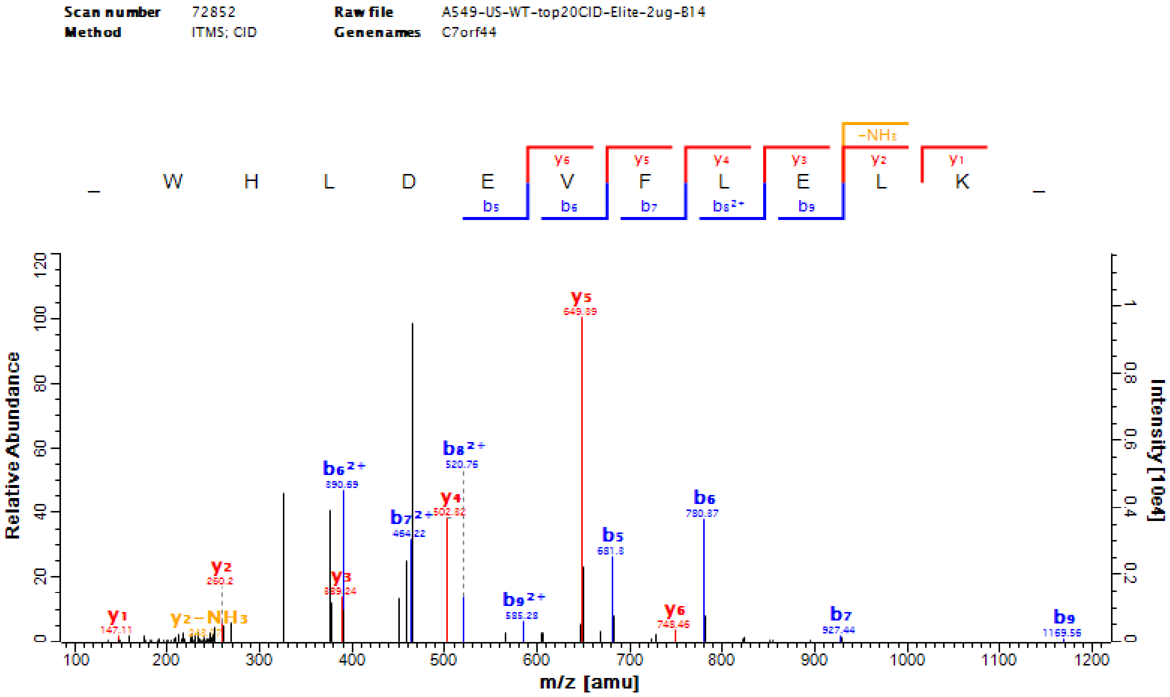
Protein Group ID: 4660
Protein Accession Numbers: Q9C0F1-2; Q9C0F1
Gene Names: CEP44
Peptide Sequence: SEVERPASIPLSSGYSTASSDSTPR
Total Number of Spectra: 8
Number of Replicates (out of 8): 5
Best Match Score: 87.659
Best Match Posterior Error Probability: 6.61E-05
Best Match Spectrum:



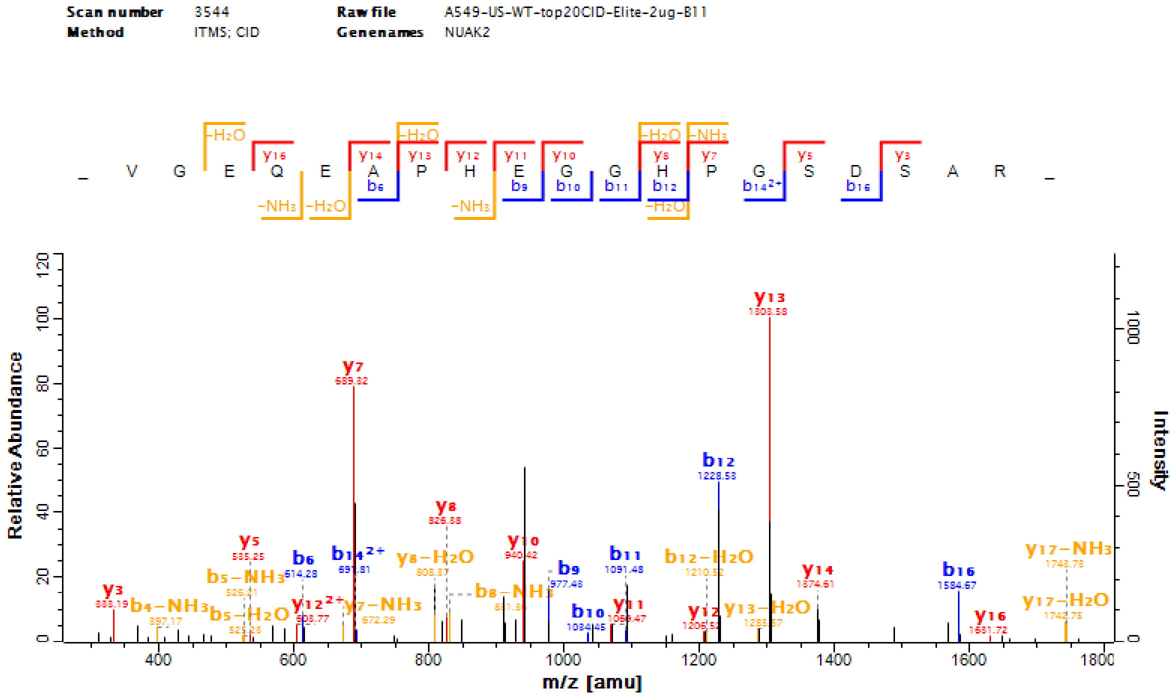
Protein Group ID: 4665
Protein Accession Numbers: Q9GZP8; Q9GZP8-2
Gene Names: IMUP
Peptide Sequence: MEFDLGAALEPTSQK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 115.1
Best Match Posterior Error Probability: 0.0001291
Best Match Spectrum:



Protein Group ID: 4671
Protein Accession Numbers: Q9GZY4
Gene Names: C7orf44
Peptide Sequence: WHLDEVFLELK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 106.29
Best Match Posterior Error Probability: 0.00029143
Best Match Spectrum:



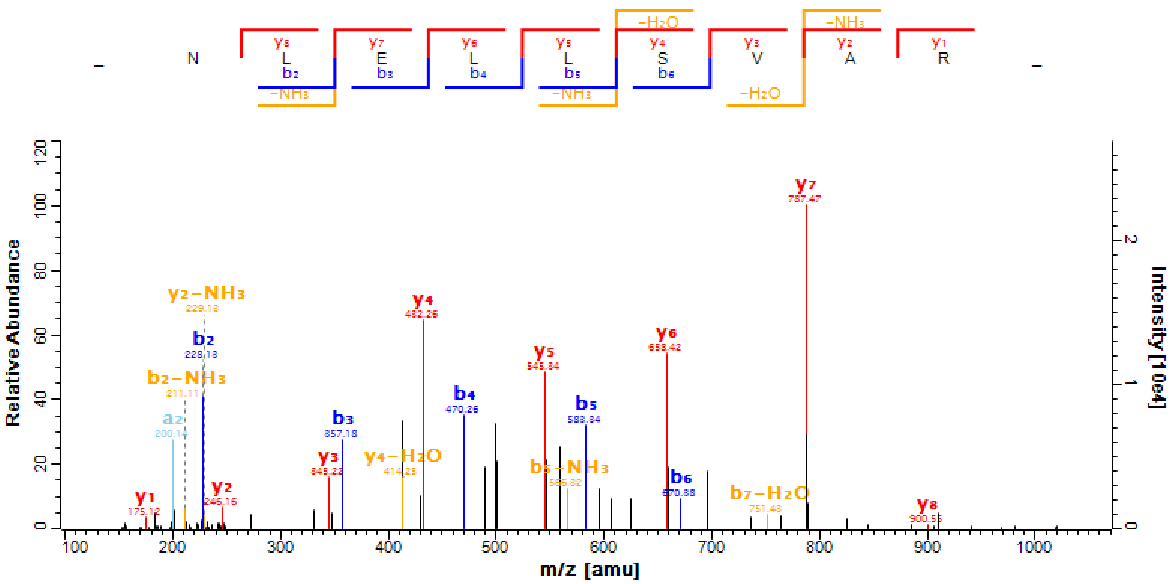
Protein Group ID: 4678
Protein Accession Numbers: Q9H093
Gene Names: NUAK2
Peptide Sequence: VGEQEAPHEGGHPGSDSAR
Total Number of Spectra: 3
Number of Replicates (out of 8): 2
Best Match Score: 81.016
Best Match Posterior Error Probability: 0.00081093
Best Match Spectrum:



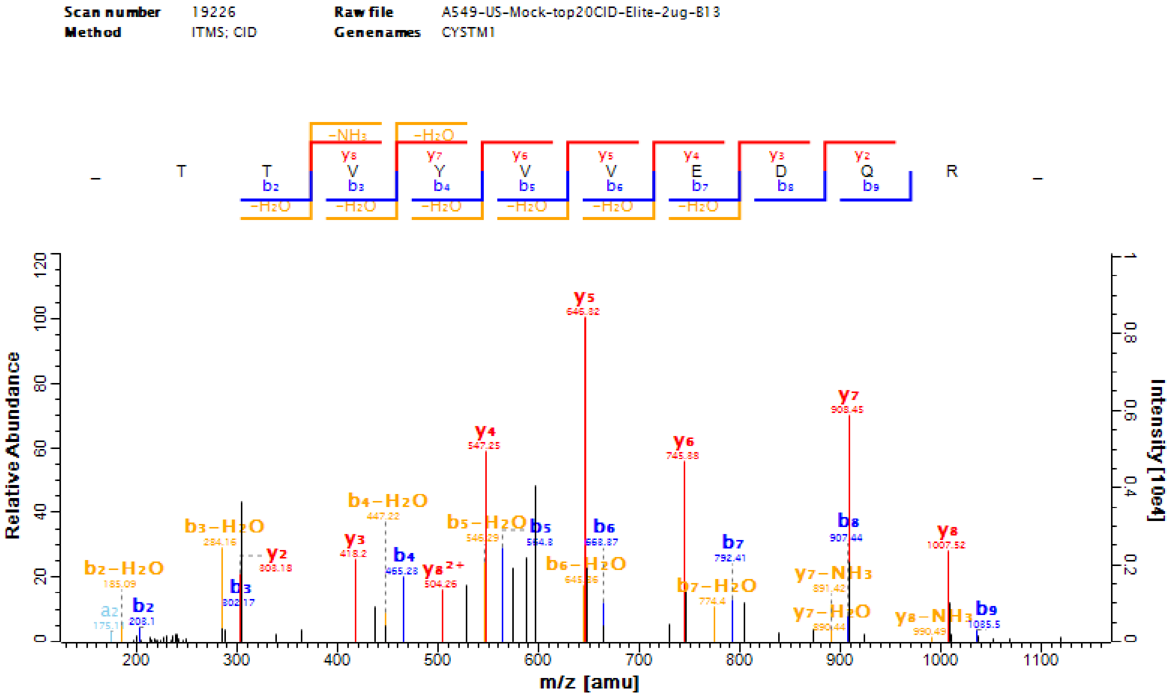
Scan number 3544 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** NUAK2

Protein Group ID: 4695
Protein Accession Numbers: Q9H0U6
Gene Names: MRPL18
Peptide Sequence: NLELLSVAR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 97.813
Best Match Posterior Error Probability: 0.0020707
Best Match Spectrum:

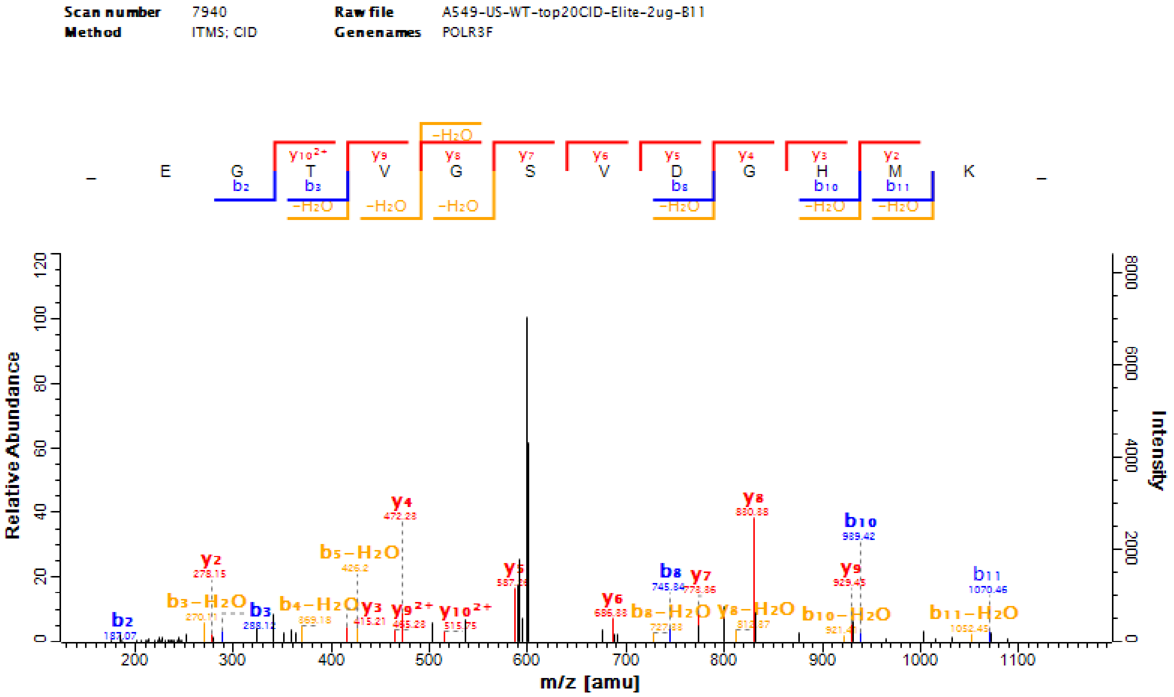
Scan number	46707	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B14
Method	ITMS; CID	**Genenames**	MRPL18



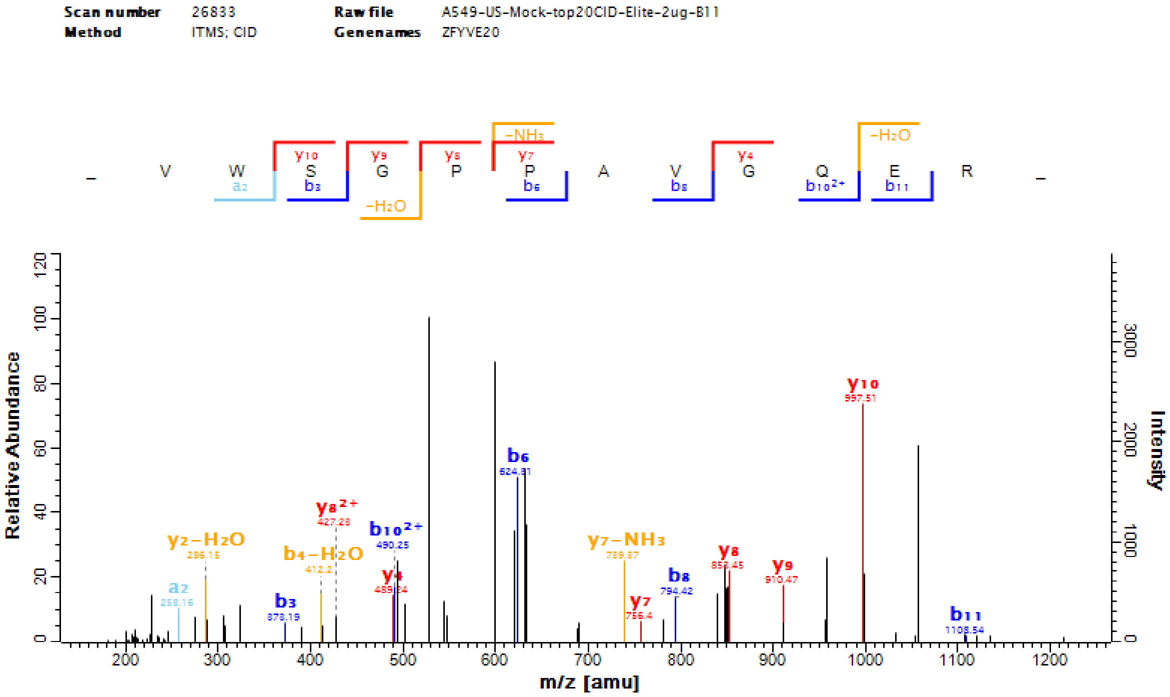
Protein Group ID: 4703
Protein Accession Numbers: Q9H1C7
Gene Names: CYSTM1
Peptide Sequence: TTVYVVEDQR
Total Number of Spectra: 5
Number of Replicates (out of 8): 4
Best Match Score: 185.96
Best Match Posterior Error Probability: 1.24E-08
Best Match Spectrum:



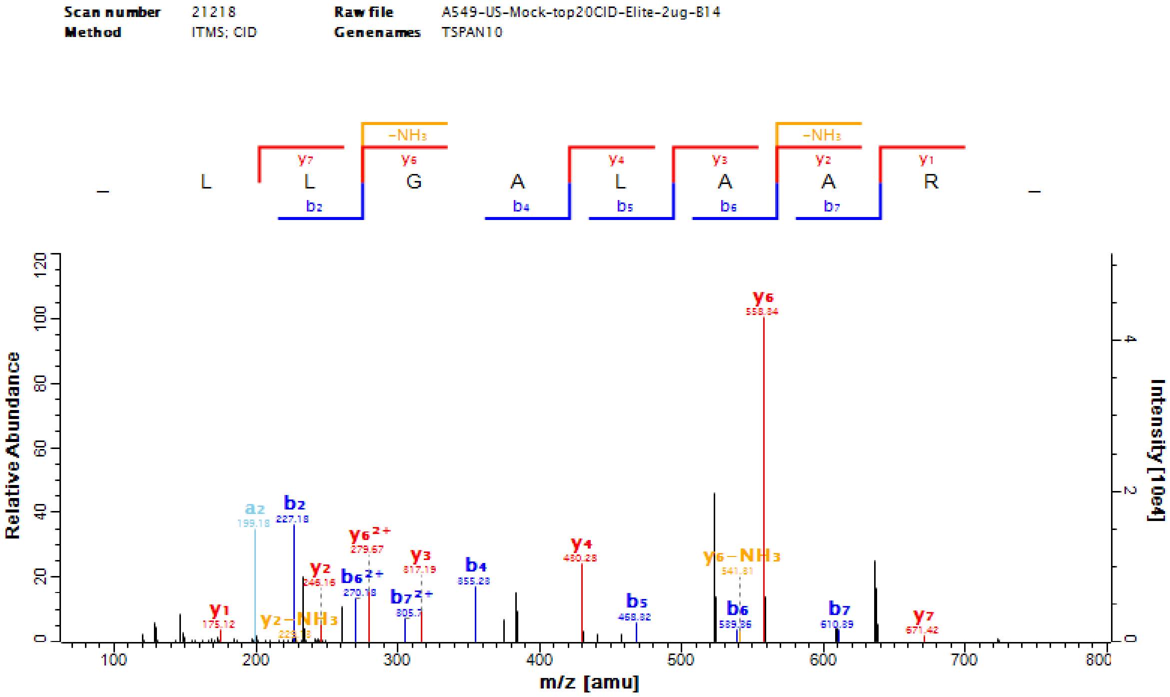
Protein Group ID: 4704
Protein Accession Numbers: Q9H1D9
Gene Names: POLR3F
Peptide Sequence: EGTVGSVDGHMK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 105.03
Best Match Posterior Error Probability: 0.0020341
Best Match Spectrum:



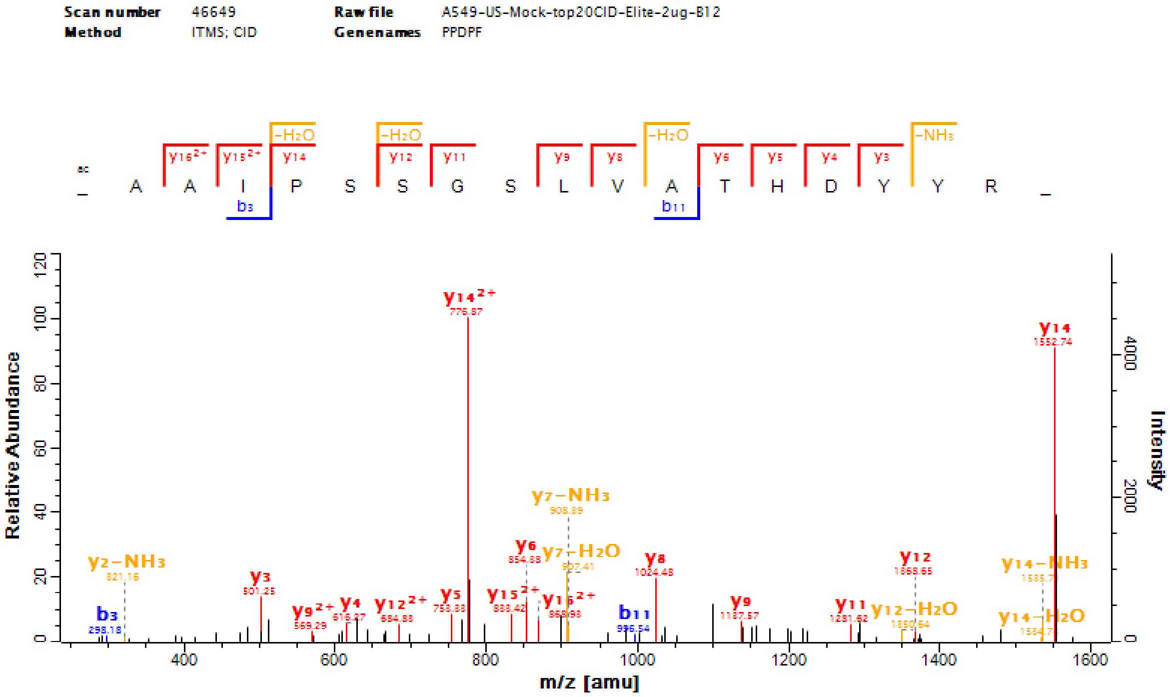
Protein Group ID: 4708
Protein Accession Numbers: Q9H1K0
Gene Names: ZFYVE20
Peptide Sequence: VWSGPPAVGQER
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 83.182
Best Match Posterior Error Probability: 0.0026403
Best Match Spectrum:



Protein Group ID: 4711
Protein Accession Numbers: Q9H1Z9
Gene Names: TSPAN10
Peptide Sequence: LLGALAAR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 124.37
Best Match Posterior Error Probability: 0.0018004
Best Match Spectrum:

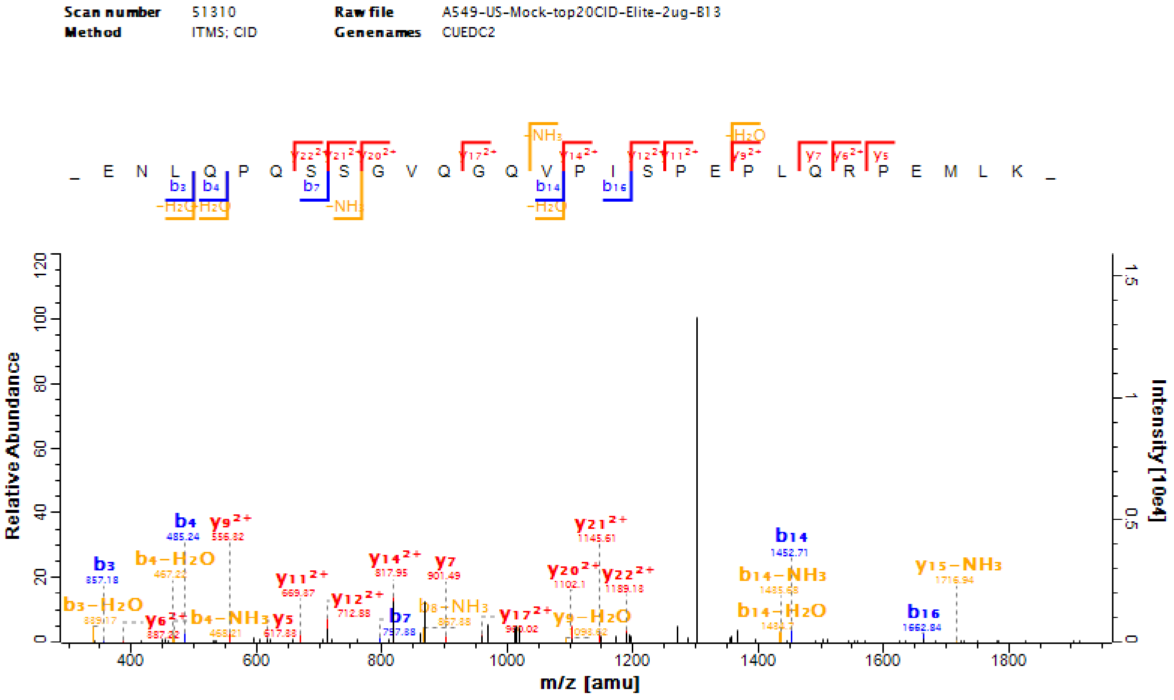


Protein Group ID: 4736
Protein Accession Numbers: Q9H3Y8; Q9H3Y8-2
Gene Names: PPDPF
Peptide Sequence: AAIPSSGSLVATHDYYR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 93.51
Best Match Posterior Error Probability: 0.00047234
Best Match Spectrum:



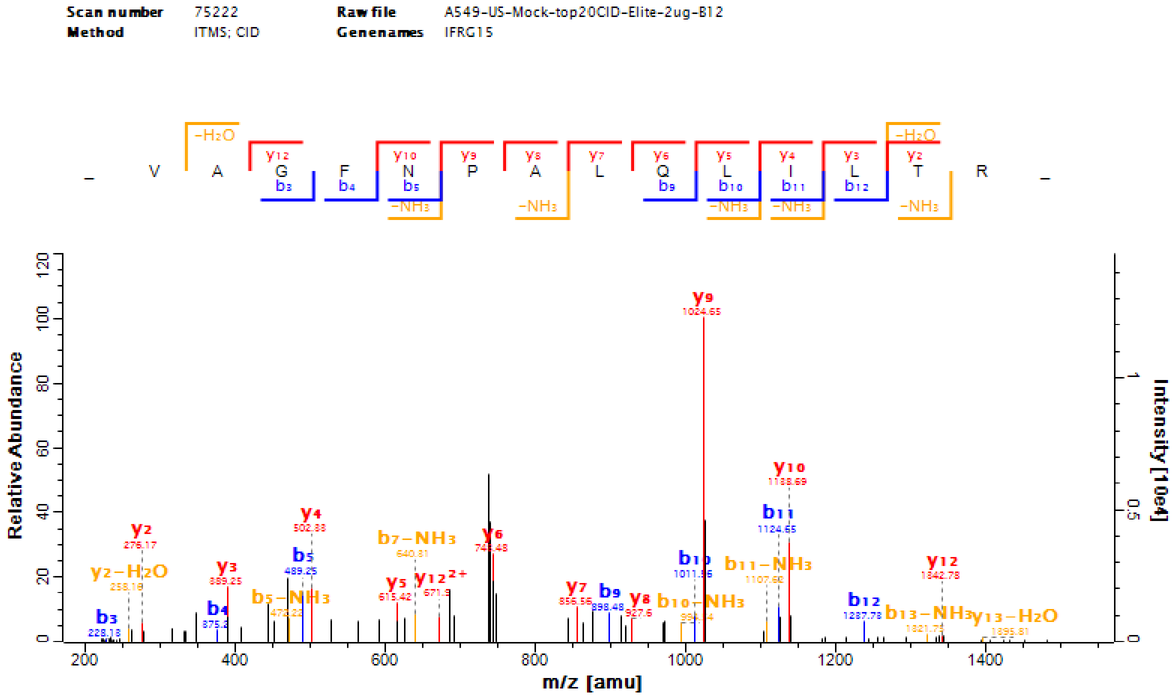
Scan number 46649 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** PPDPF

Protein Group ID: 4740
Protein Accession Numbers: Q9H467
Gene Names: CUEDC2
Peptide Sequence: ENLQPQSSGVQGQVPISPEPLQRPEMLK
Total Number of Spectra: 4
Number of Replicates (out of 8): 3
Best Match Score: 92.01
Best Match Posterior Error Probability: 2.28E-05
Best Match Spectrum:

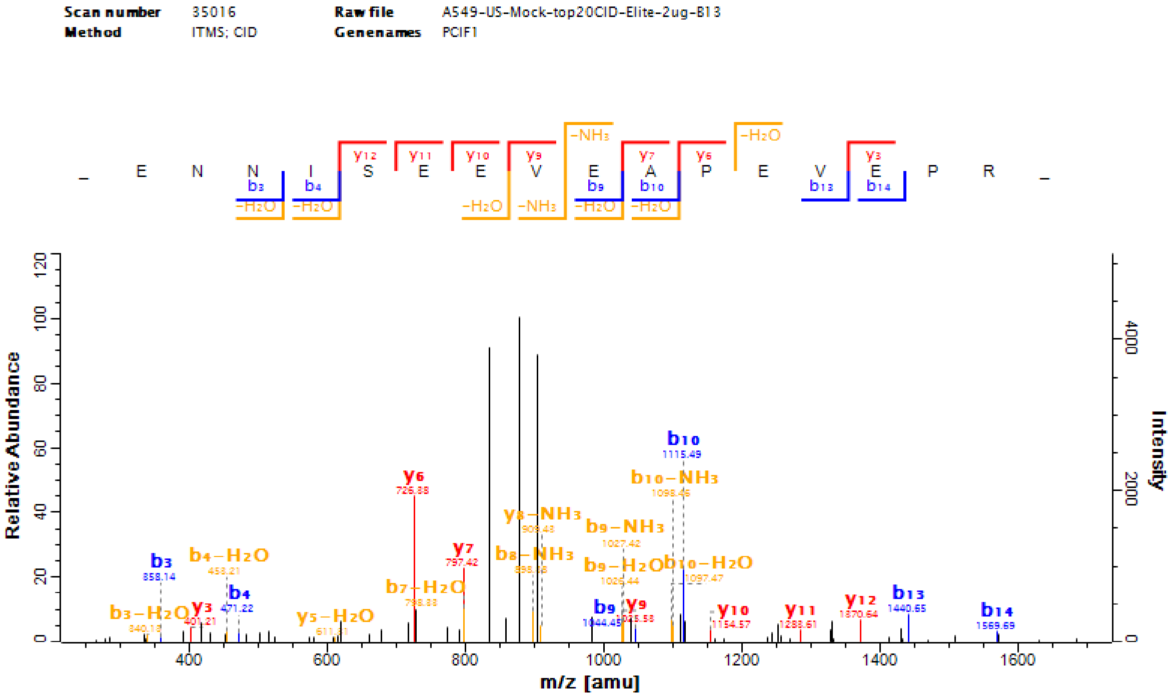


Scan number 51310 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** CUEDC2

Protein Group ID: 4742
Protein Accession Numbers: Q9H496
Gene Names: IFRG15
Peptide Sequence: VAGFNPALQLILTR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 102.5
Best Match Posterior Error Probability: 0.0002942
Best Match Spectrum:



Protein Group ID: 4752
Protein Accession Numbers: Q9H4Z3
Gene Names: PCIF1
Peptide Sequence: ENNISEEVEAPEVEPR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 83.37
Best Match Posterior Error Probability: 0.001418
Best Match Spectrum:



Protein Group ID: 4759

Protein Accession Numbers: Q9H5X1

Gene Names: FAM96A

Peptide Sequence: VAAAMENPNLR

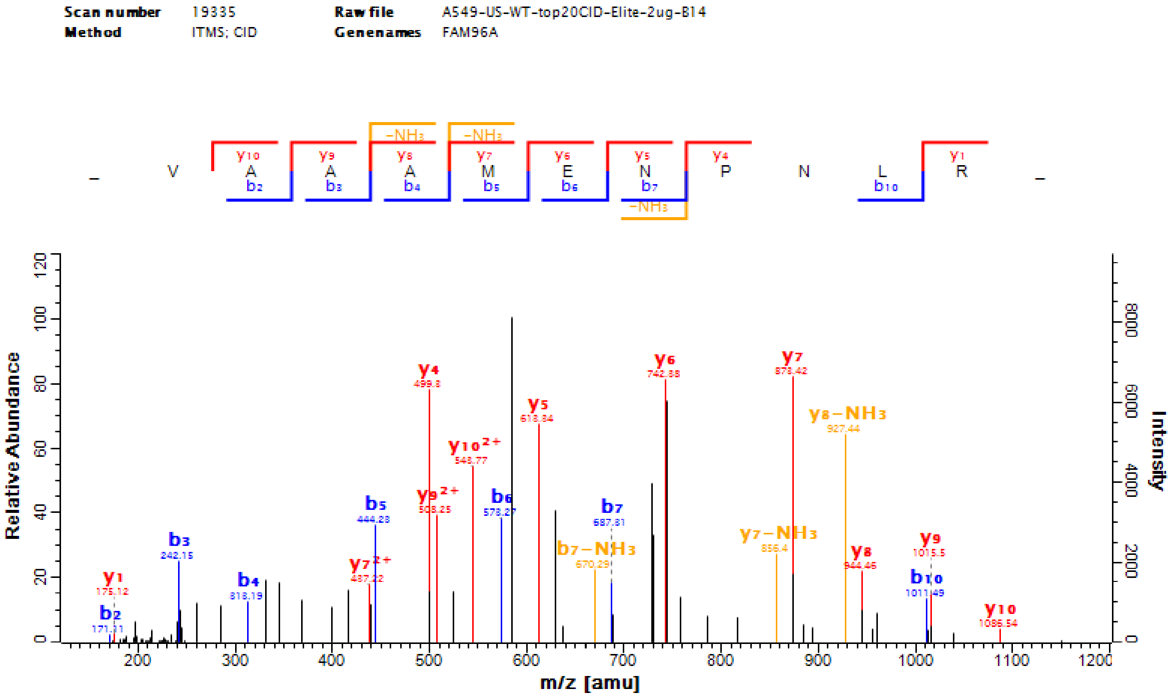
Total Number of Spectra: 5

Number of Replicates (out of 8): 4

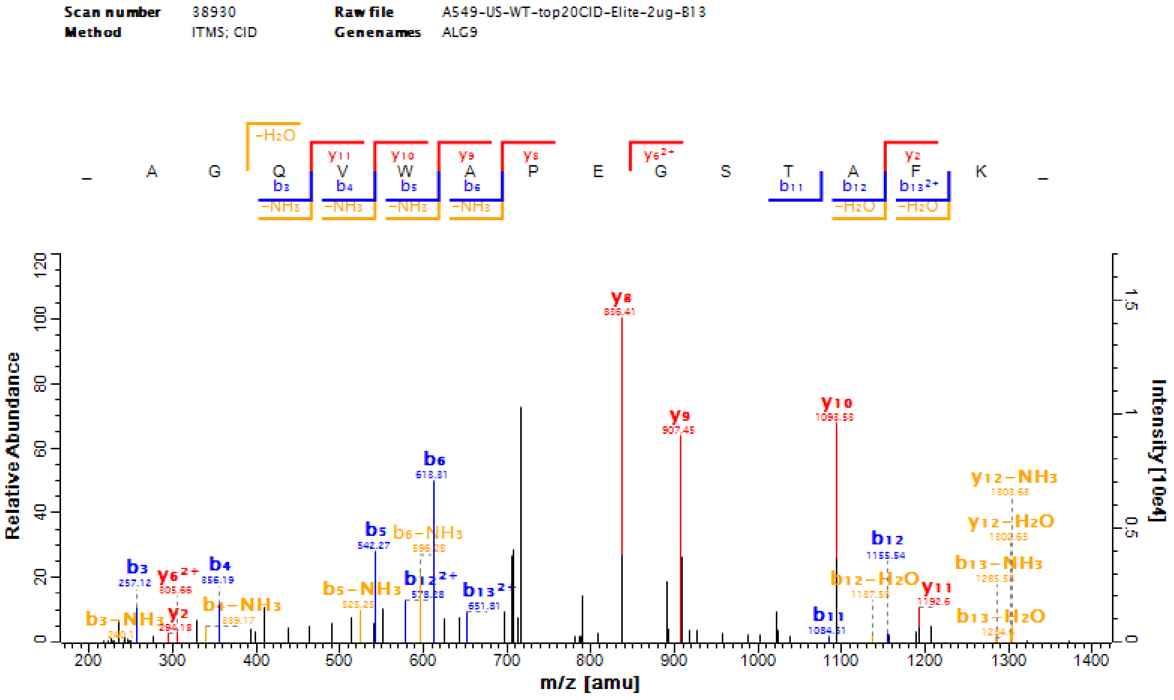
Best Match Score: 152.07

Best Match Posterior Error Probability: 1.71E-05

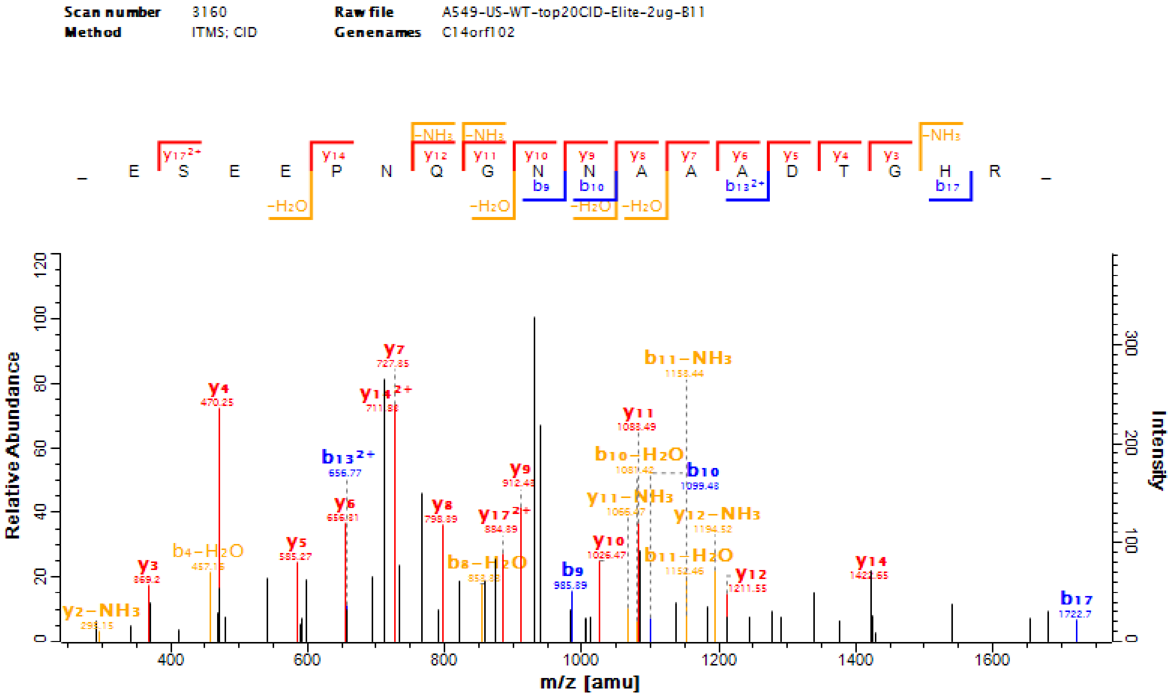
Best Match Spectrum:



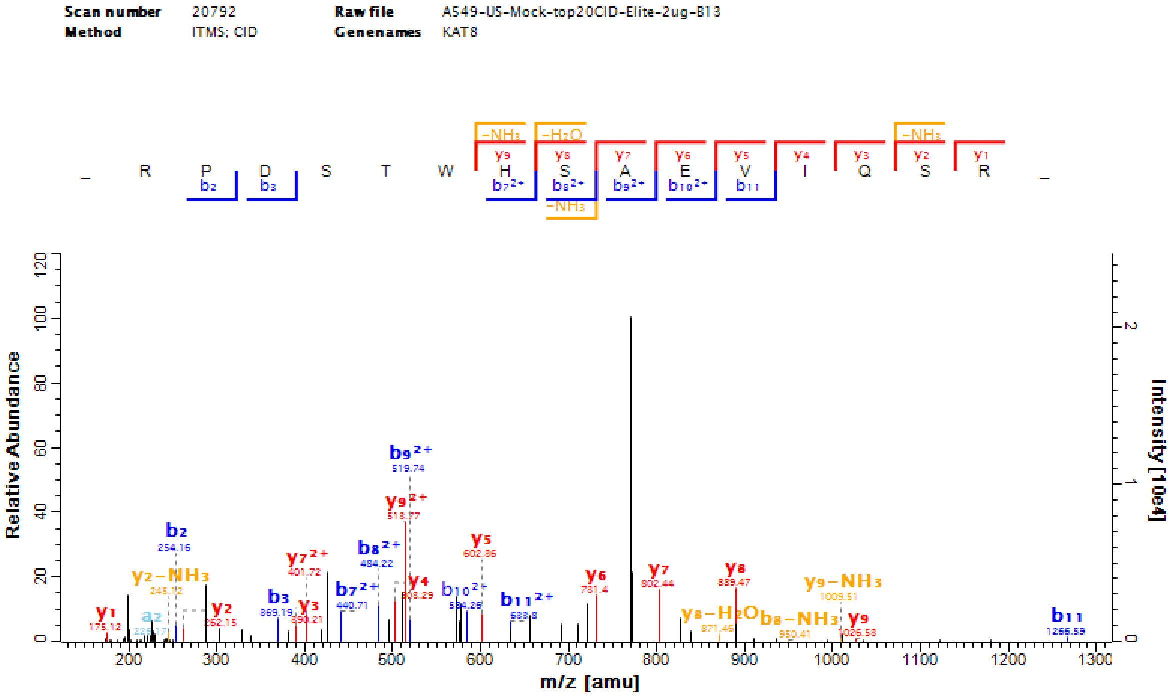
Protein Group ID: 4765
Protein Accession Numbers: Q9H6U8-3; Q9H6U8
Gene Names: ALG9
Peptide Sequence: AGQVWAPEGSTAFK
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 120.84
Best Match Posterior Error Probability: 4.62E-05
Best Match Spectrum:



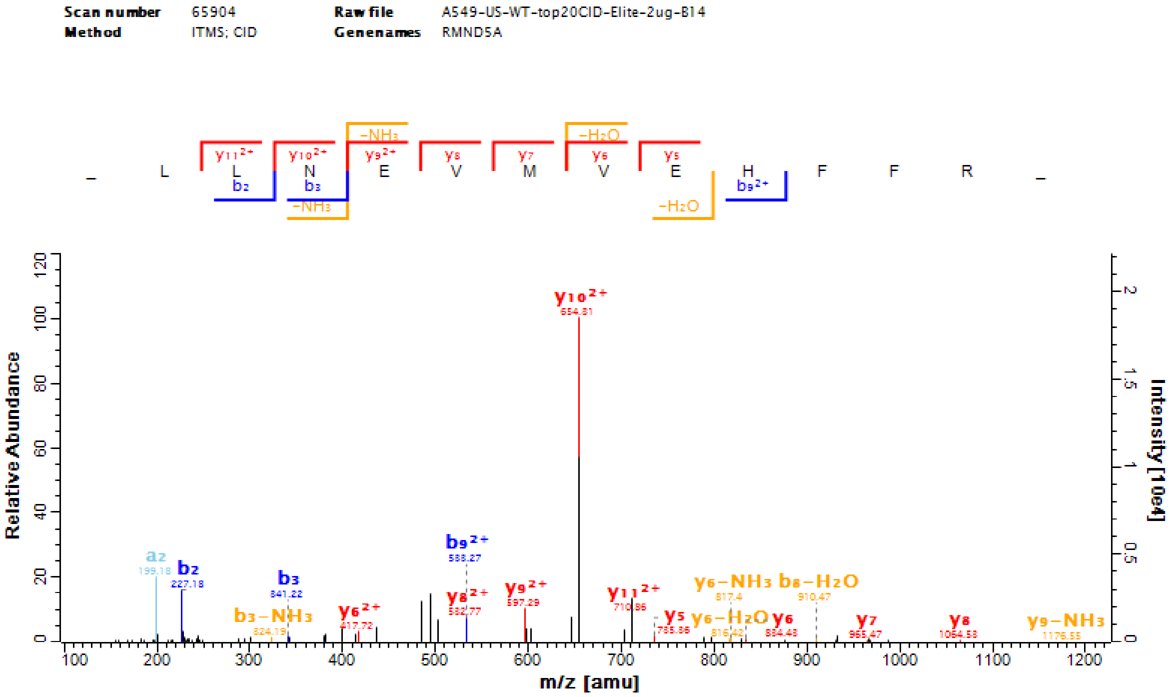
Protein Group ID: 4776
Protein Accession Numbers: Q9H7Z3
Gene Names: C14orf102
Peptide Sequence: ESEEPNQGNNAAADTGHR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 90.379
Best Match Posterior Error Probability: 0.00036615
Best Match Spectrum:



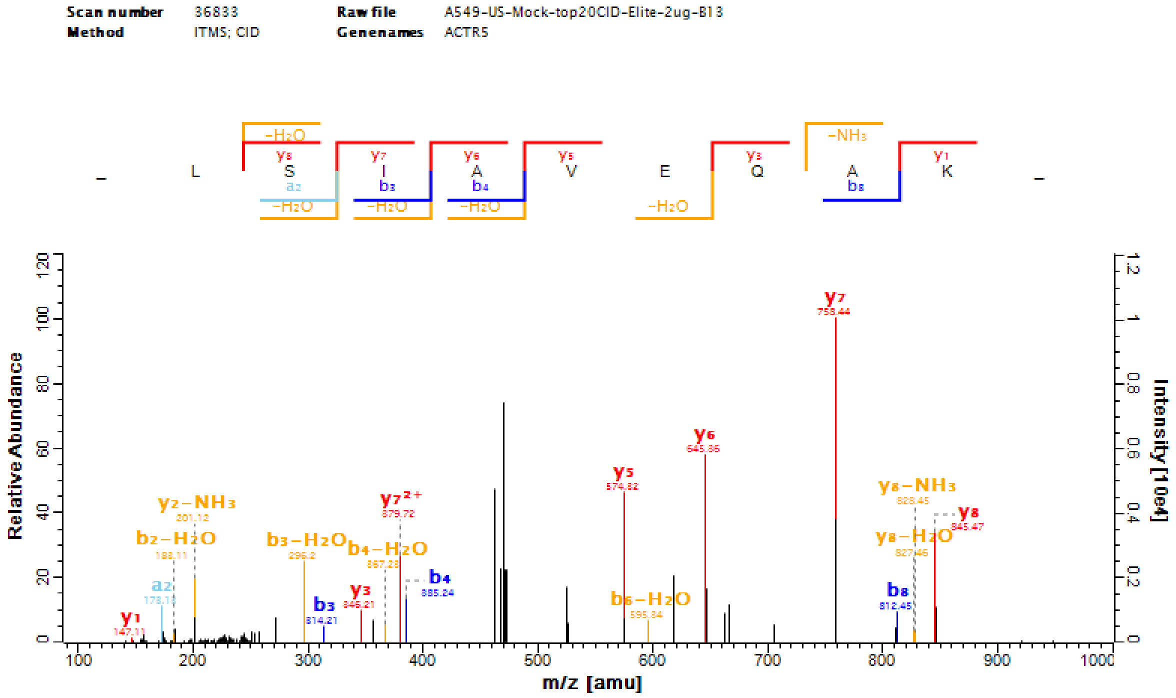
Protein Group ID: 4777
Protein Accession Numbers: Q9H7Z6-2; Q9H7Z6
Gene Names: KAT8
Peptide Sequence: RPDSTWHSAEVIQSR
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 110.44
Best Match Posterior Error Probability: 0.00029415
Best Match Spectrum:



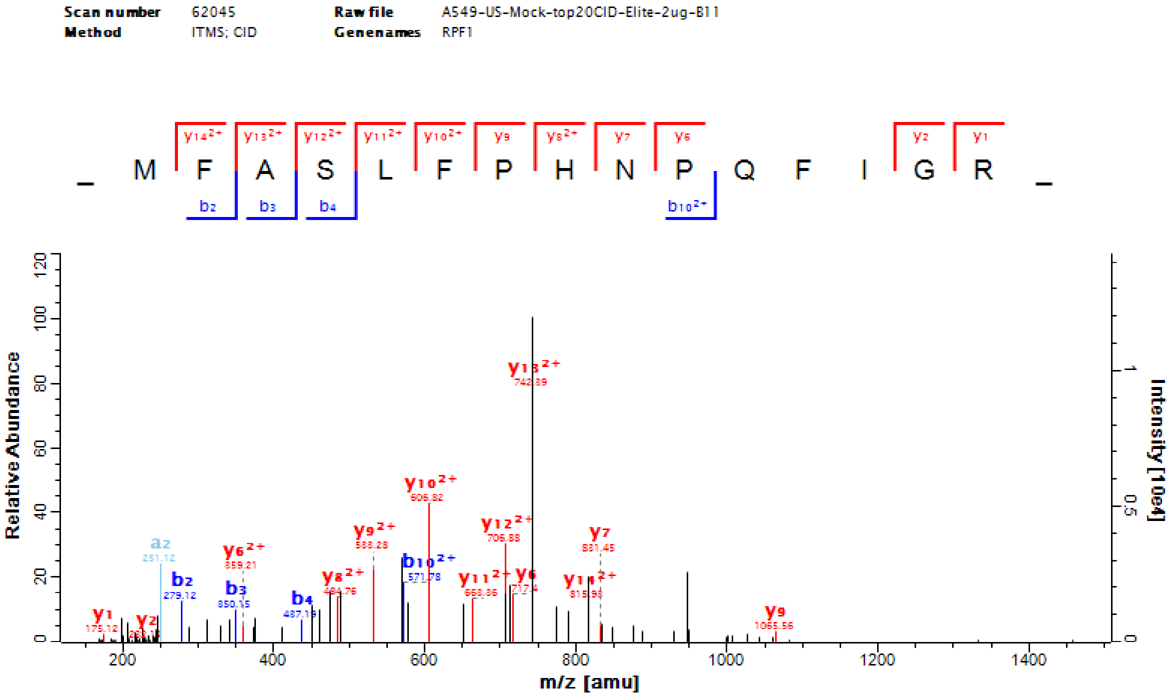
Protein Group ID: 4782
Protein Accession Numbers: Q9H871
Gene Names: RMND5A
Peptide Sequence: LLNEVMVEHFFR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 99.568
Best Match Posterior Error Probability: 0.00052251
Best Match Spectrum:



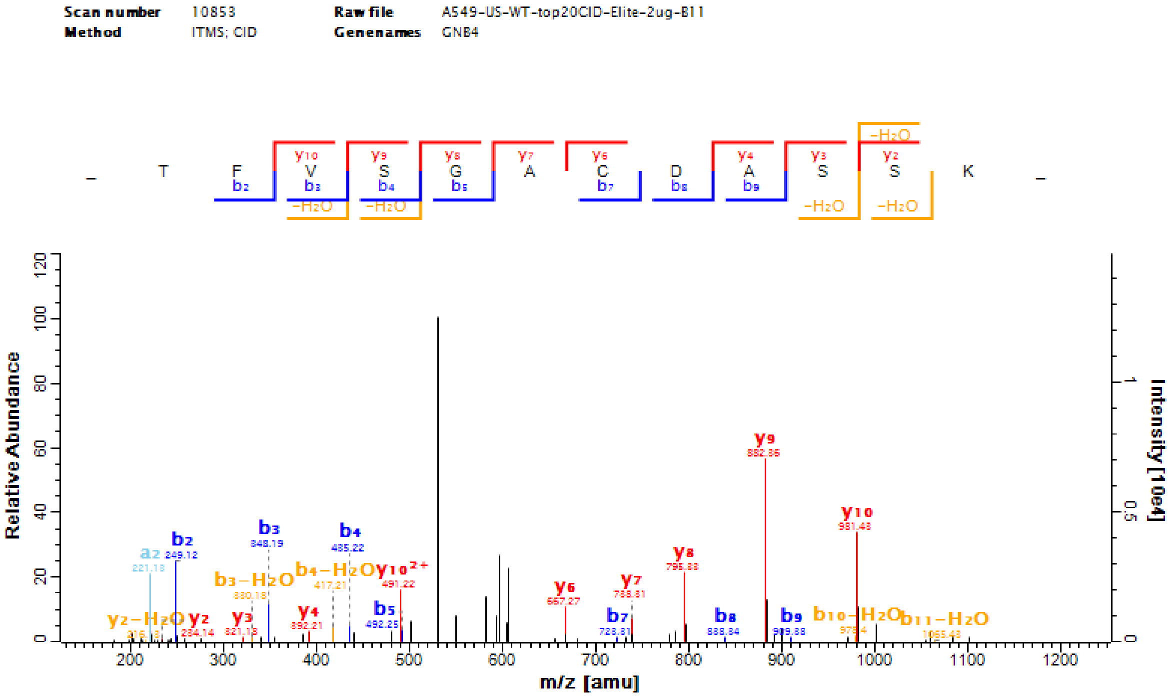
Protein Group ID: 4793
Protein Accession Numbers: Q9H9F9
Gene Names: ACTR5
Peptide Sequence: LSIAVEQAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 99.688
Best Match Posterior Error Probability: 0.0017975
Best Match Spectrum:



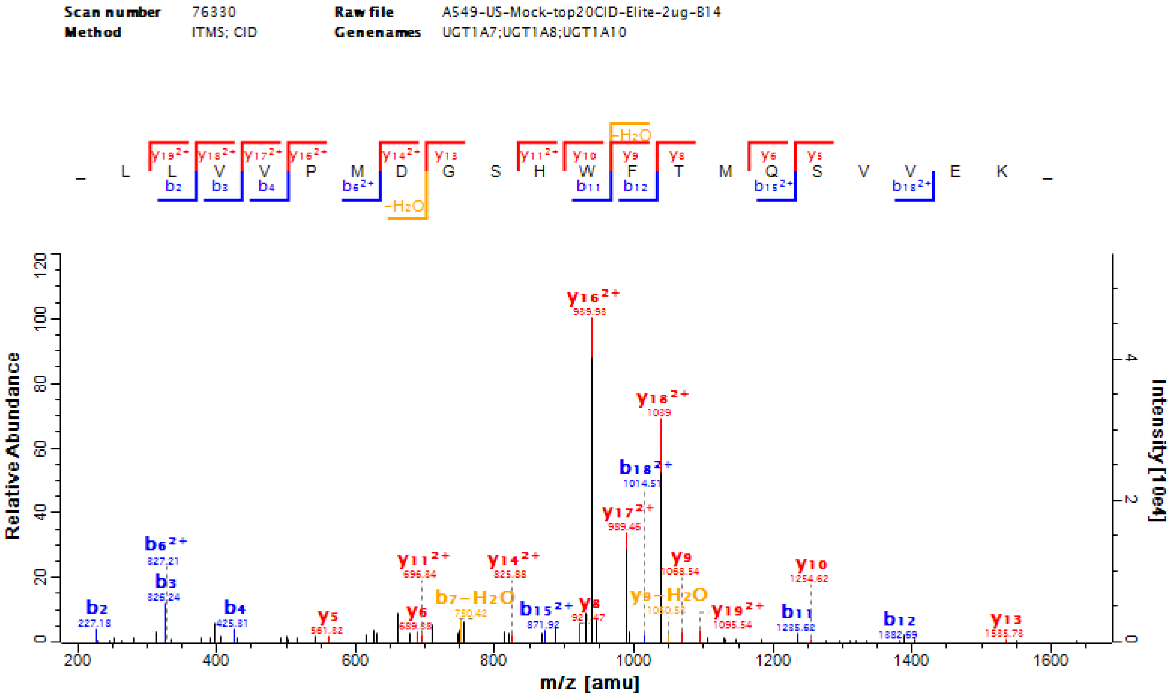
Protein Group ID: 4799
Protein Accession Numbers: Q9H9Y2
Gene Names: RPF1
Peptide Sequence: MFASLFPHNPQFIGR
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 95.094
Best Match Posterior Error Probability: 0.00047094
Best Match Spectrum:



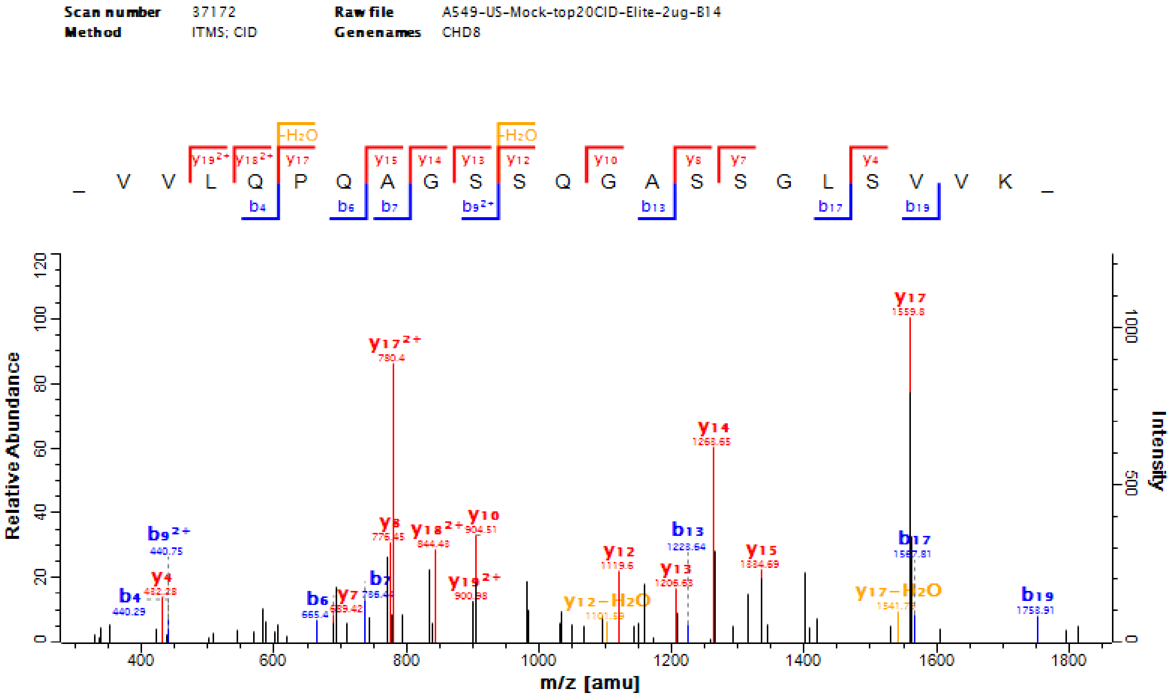
Protein Group ID: 4805
Protein Accession Numbers: Q9HAV0; H7C5J5
Gene Names: GNB4
Peptide Sequence: TFVSGACDASSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 97.463
Best Match Posterior Error Probability: 0.00068072
Best Match Spectrum:



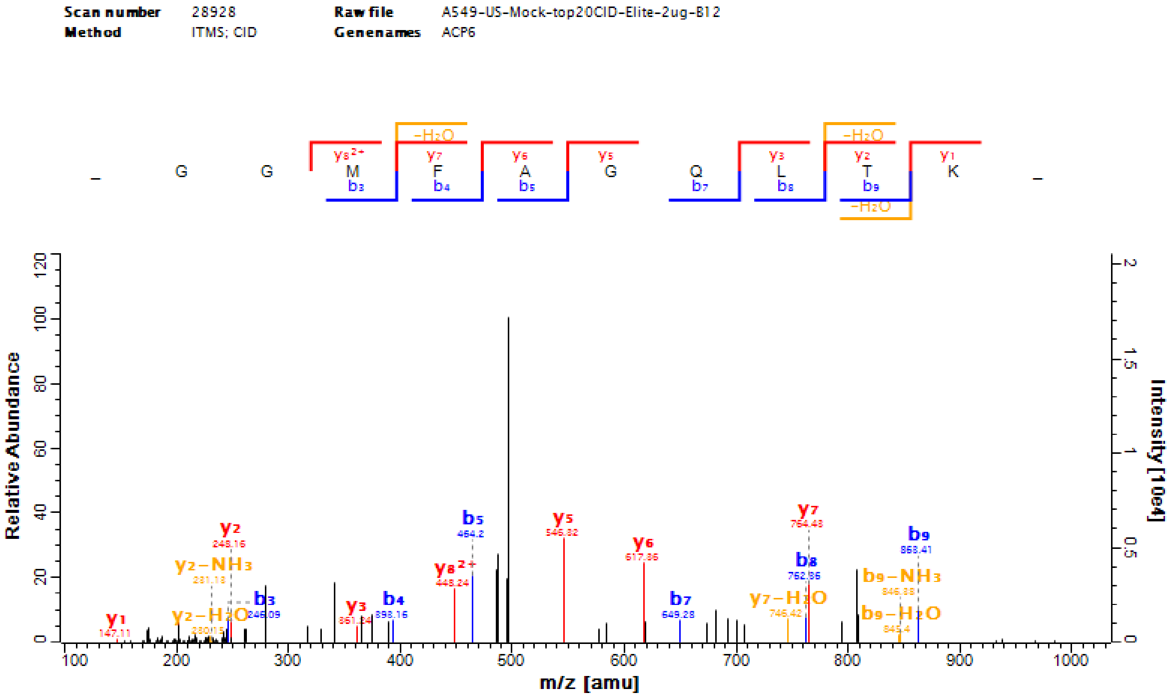
Protein Group ID: 4808
Protein Accession Numbers: Q9HAW7; Q9HAW9; Q9HAW8; Q7Z6H8
Gene Names: UGT1A7;UGT1A8;UGT1A10
Peptide Sequence: LLVVPMDGSHWFTMQSVVEK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 80.545
Best Match Posterior Error Probability: 0.00051372
Best Match Spectrum:



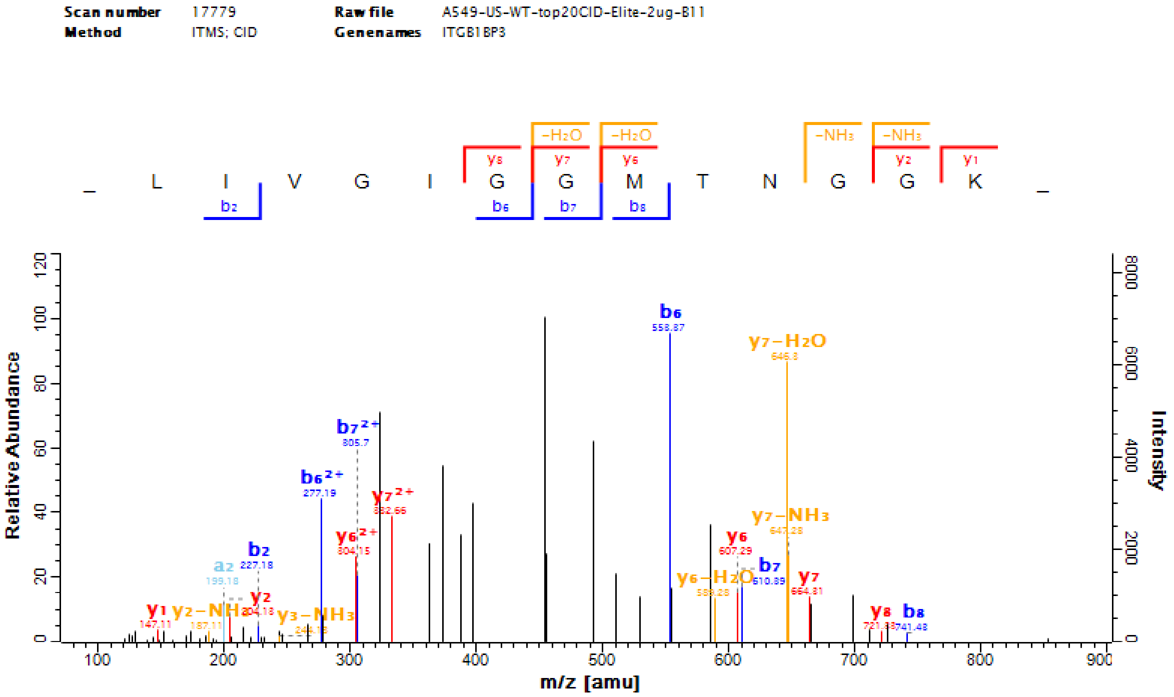
Protein Group ID: 4823
Protein Accession Numbers: Q9HCK8; Q9HCK8-2
Gene Names: CHD8
Peptide Sequence: VVLQPQAGSSQGASSGLSVVK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 79.293
Best Match Posterior Error Probability: 0.00034031
Best Match Spectrum:



Protein Group ID: 4843
Protein Accession Numbers: Q9NPH0; Q9NPH0-2
Gene Names: ACP6
Peptide Sequence: GGMFAGQLTK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 91.658
Best Match Posterior Error Probability: 0.0017649
Best Match Spectrum:

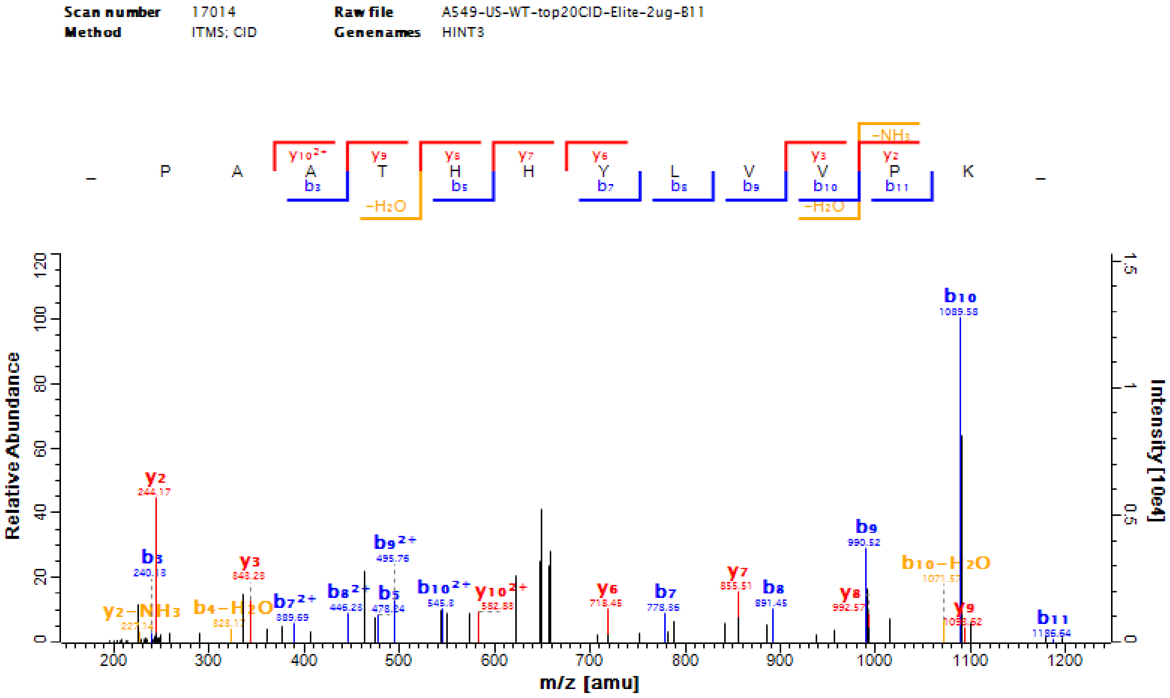


Protein Group ID: 4844
Protein Accession Numbers: Q9NPI5
Gene Names: ITGB1BP3
Peptide Sequence: LIVGIGGMTNGGK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 102.53
Best Match Posterior Error Probability: 0.000463
Best Match Spectrum:

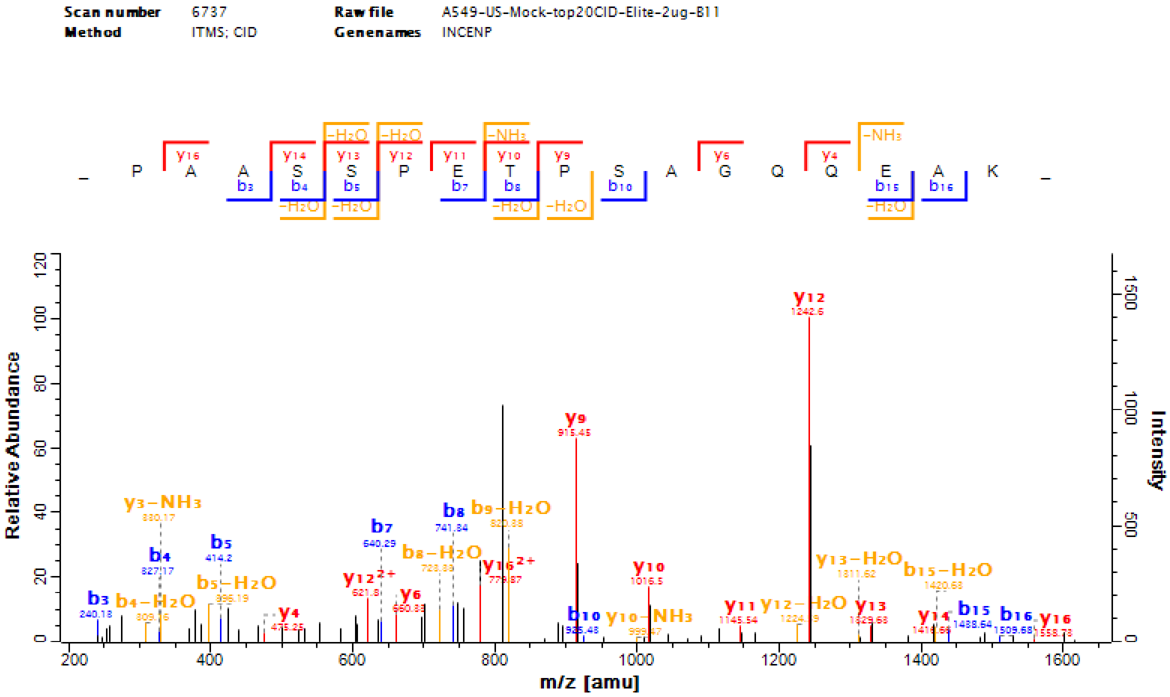


Scan number 17779 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** ITGB1BP3

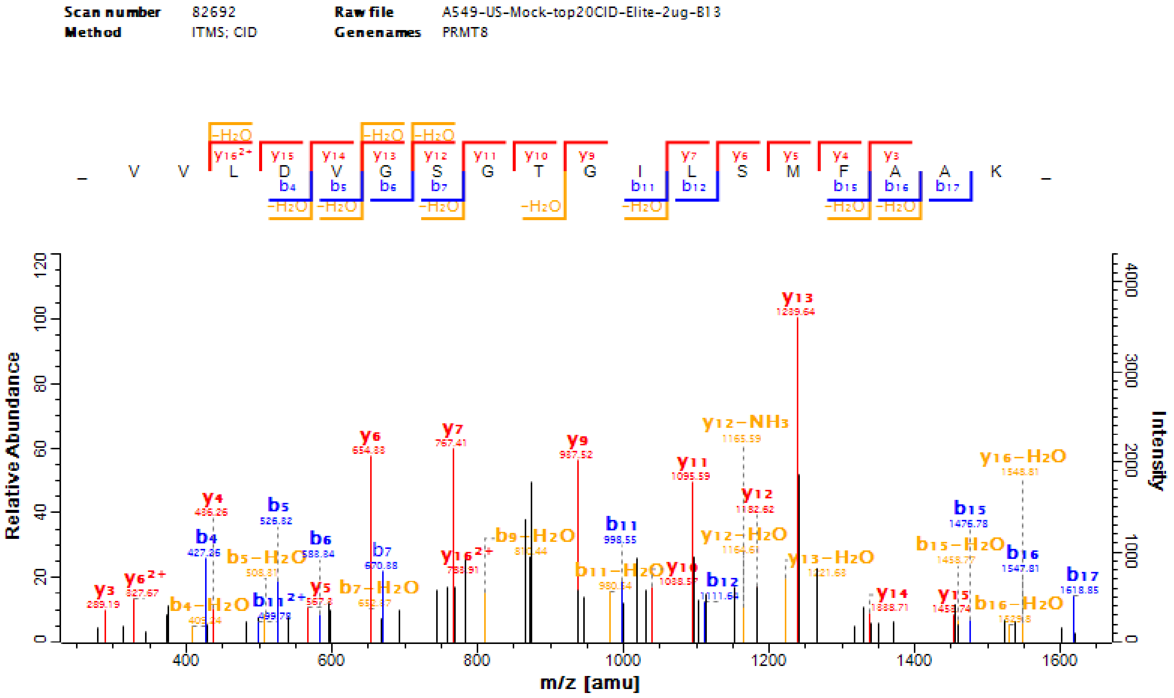
Protein Group ID: 4852
Protein Accession Numbers: Q9NQE9
Gene Names: HINT3
Peptide Sequence: PAATHHYLVVPK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 141.88
Best Match Posterior Error Probability: 3.33E-05
Best Match Spectrum:



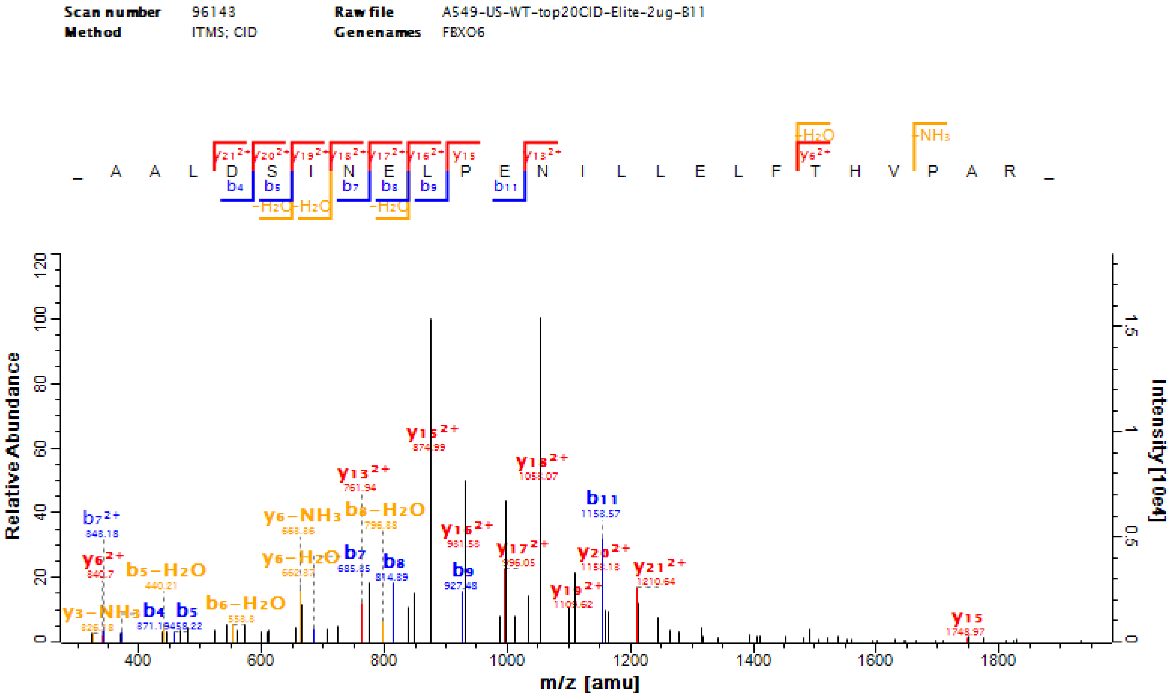
Protein Group ID: 4857
Protein Accession Numbers: Q9NQS7; Q9NQS7-2
Gene Names: INCENP
Peptide Sequence: PAASSPETPSAGQQEAK
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 130.01
Best Match Posterior Error Probability: 9.19E-05
Best Match Spectrum:



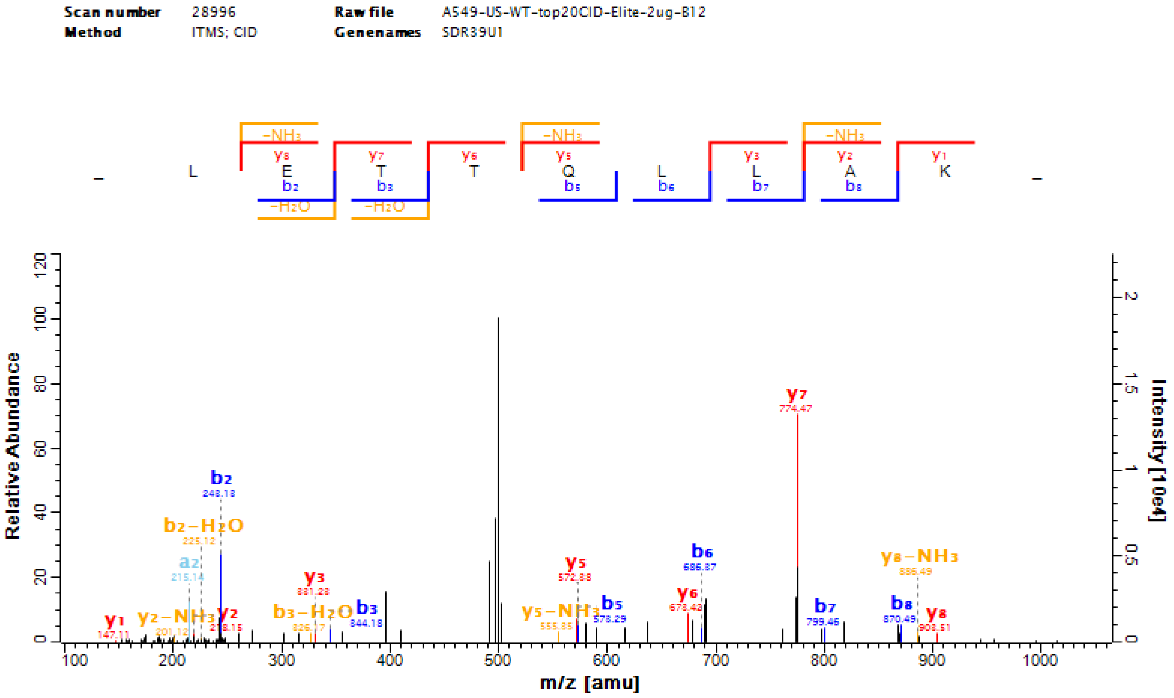
Protein Group ID: 4865
Protein Accession Numbers: Q9NR22; Q9NR22-2
Gene Names: PRMT8
Peptide Sequence: VVLDVGSGTGILSMFAAK
Total Number of Spectra: 11
Number of Replicates (out of 8): 6
Best Match Score: 188.44
Best Match Posterior Error Probability: 9.91E-22
Best Match Spectrum:



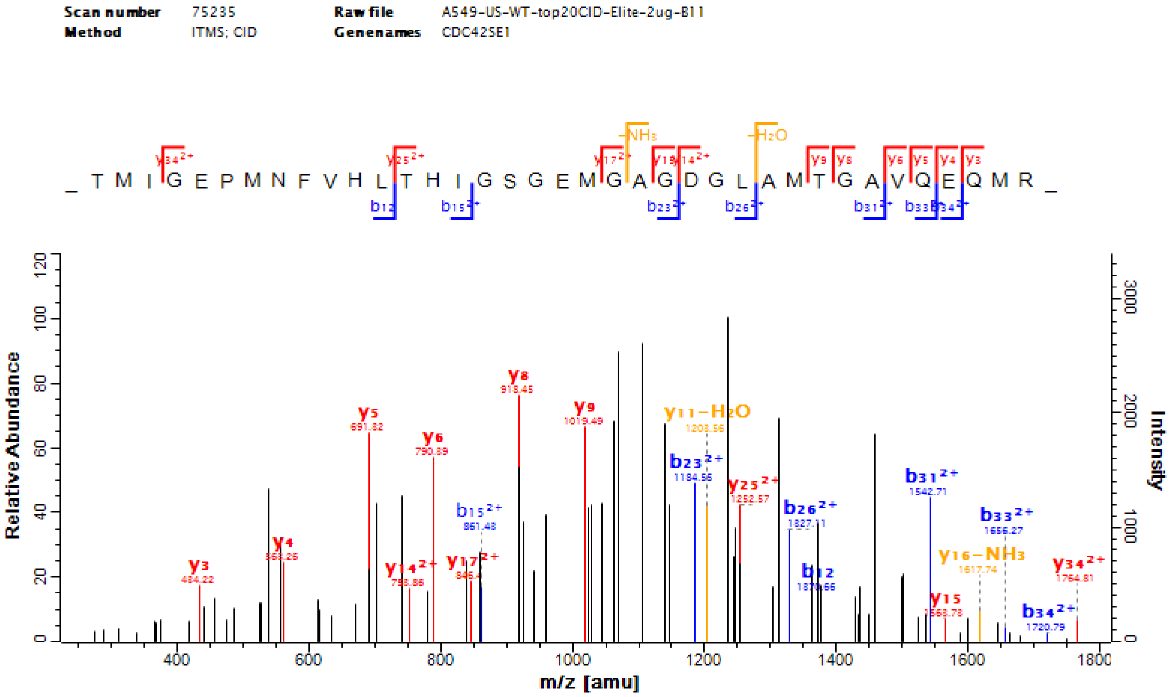
Protein Group ID: 4873
Protein Accession Numbers: Q9NRD1
Gene Names: FBXO6
Peptide Sequence: AALDSINELPENILLELFTHVPAR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 61.087
Best Match Posterior Error Probability: 0.0018476
Best Match Spectrum:



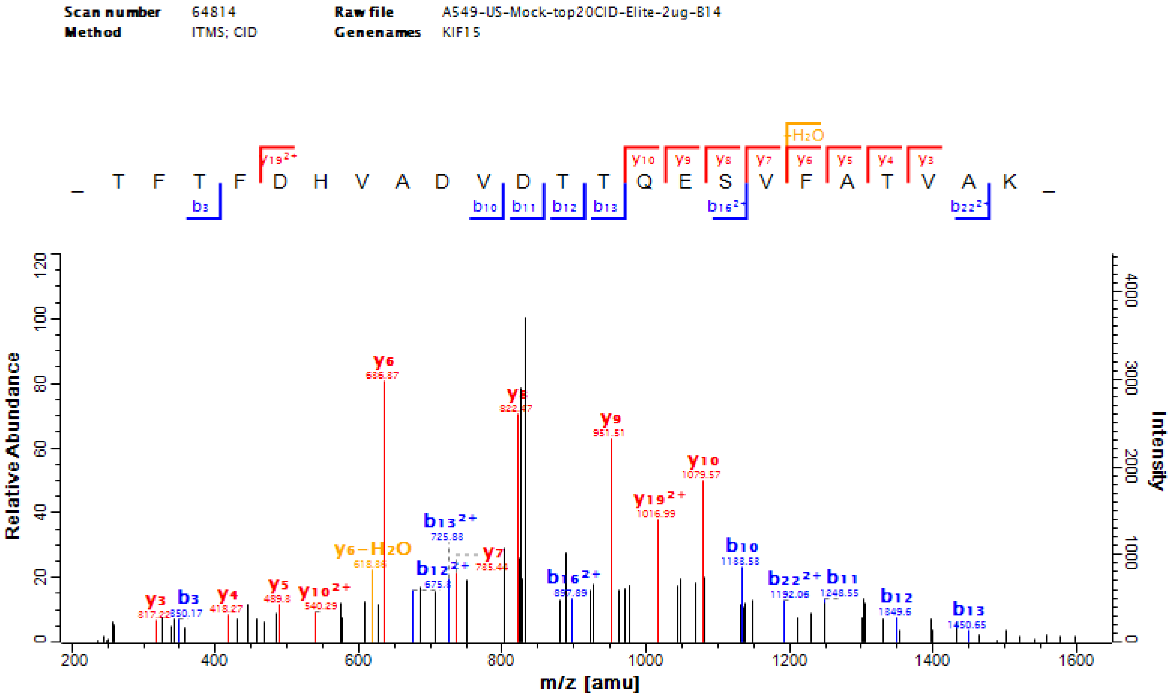
Protein Group ID: 4876
Protein Accession Numbers: Q9NRG7; Q9NRG7-2
Gene Names: SDR39U1
Peptide Sequence: LETTQLLAK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 89.827
Best Match Posterior Error Probability: 0.0036541
Best Match Spectrum:



Protein Group ID: 4883
Protein Accession Numbers: Q9NRR8
Gene Names: CDC42SE1
Peptide Sequence: TMIGEPMNFVHLTHIGSGEMGAGDGLAMTGAVQEQMR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 42.571
Best Match Posterior Error Probability: 0.0022742
Best Match Spectrum:

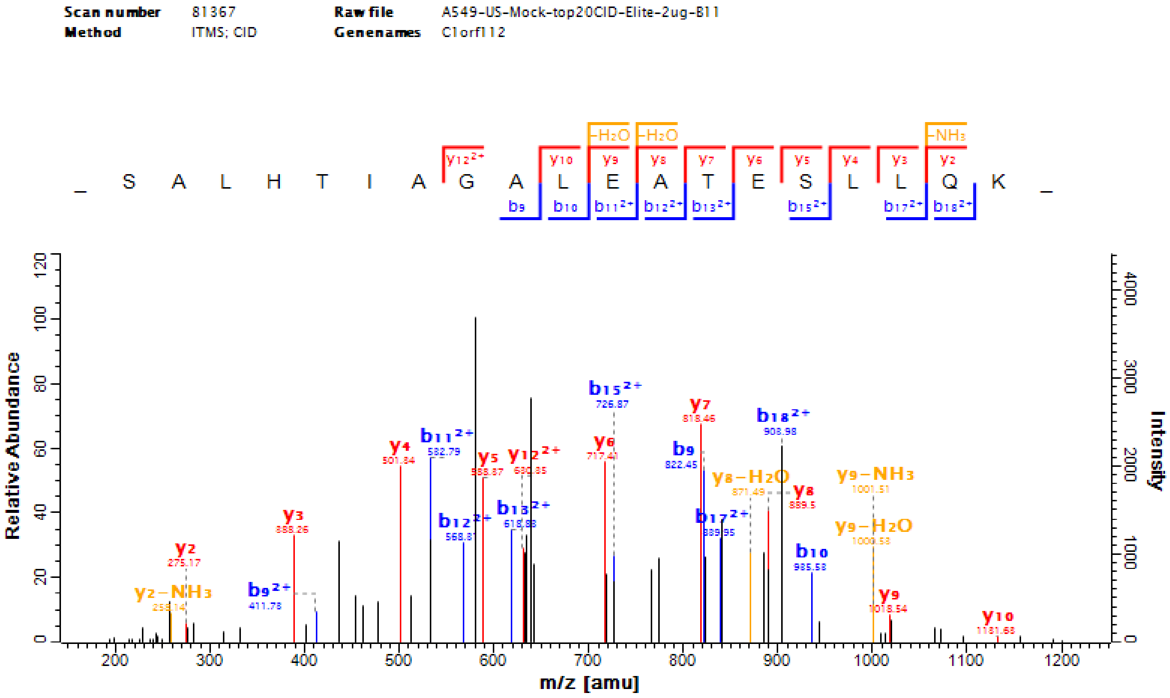


Protein Group ID: 4896
Protein Accession Numbers: Q9NS87; Q9NS87-4
Gene Names: KIF15
Peptide Sequence: TFTFDHVADVDTTQESVFATVAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 87.352
Best Match Posterior Error Probability: 1.49E-05
Best Match Spectrum:

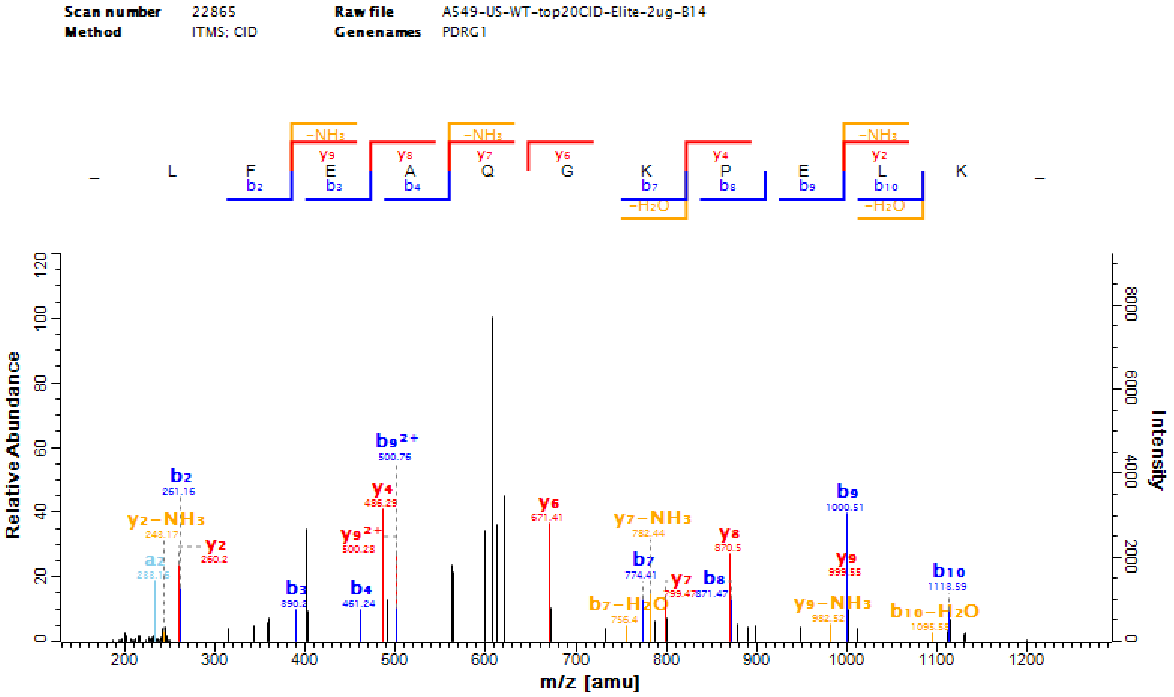


Scan number 64814 **Raw file** A549-US-Mock-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** KIF15

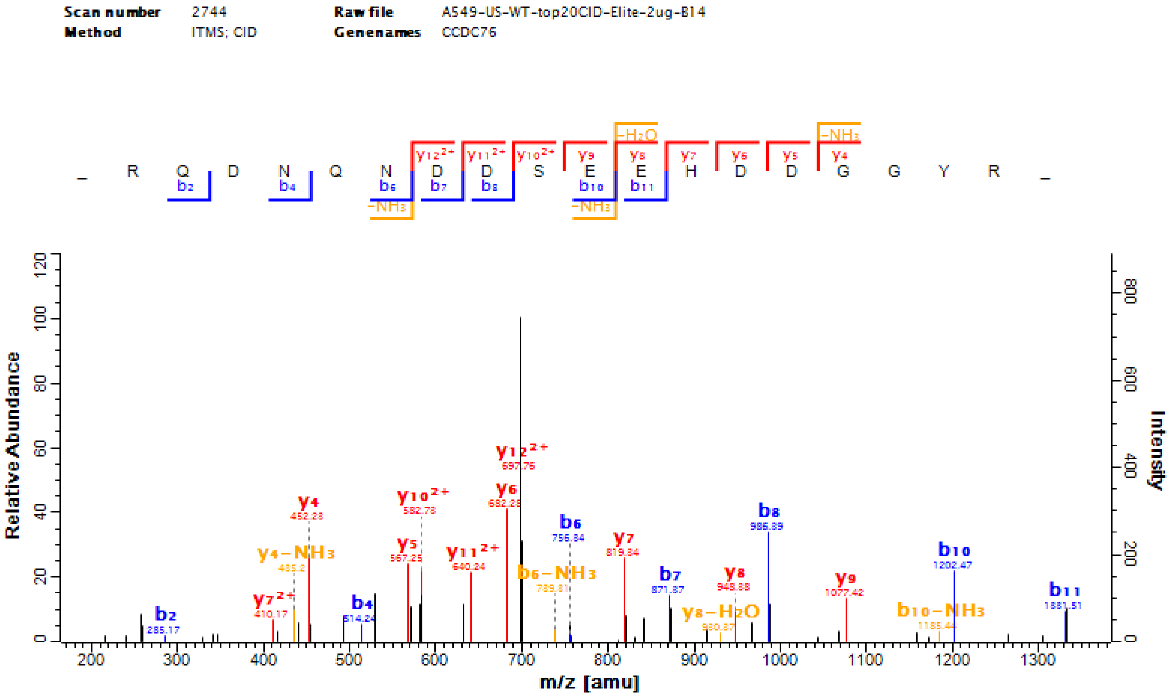
Protein Group ID: 4899
Protein Accession Numbers: Q9NSG2; Q9NSG2-2; Q9NSG2-3
Gene Names: C1orf112
Peptide Sequence: SALHTIAGALEATESLLQK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 98.508
Best Match Posterior Error Probability: 0.00016345
Best Match Spectrum:



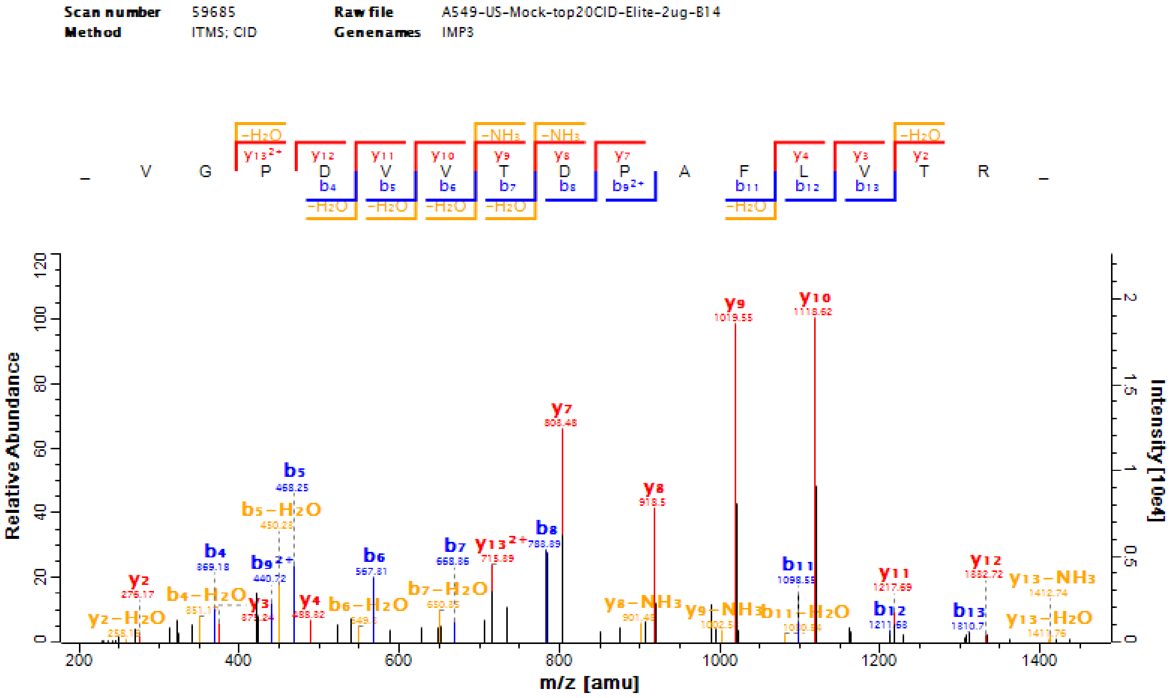
Protein Group ID: 4909
Protein Accession Numbers: Q9NUG6
Gene Names: PDRG1
Peptide Sequence: LFEAQGKPELK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 123.67
Best Match Posterior Error Probability: 0.00020036
Best Match Spectrum:



Protein Group ID: 4912
Protein Accession Numbers: Q9NUP7
Gene Names: CCDC76
Peptide Sequence: RQDNQNDDSEEHDDGGYR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 102.08
Best Match Posterior Error Probability: 0.00034075
Best Match Spectrum:

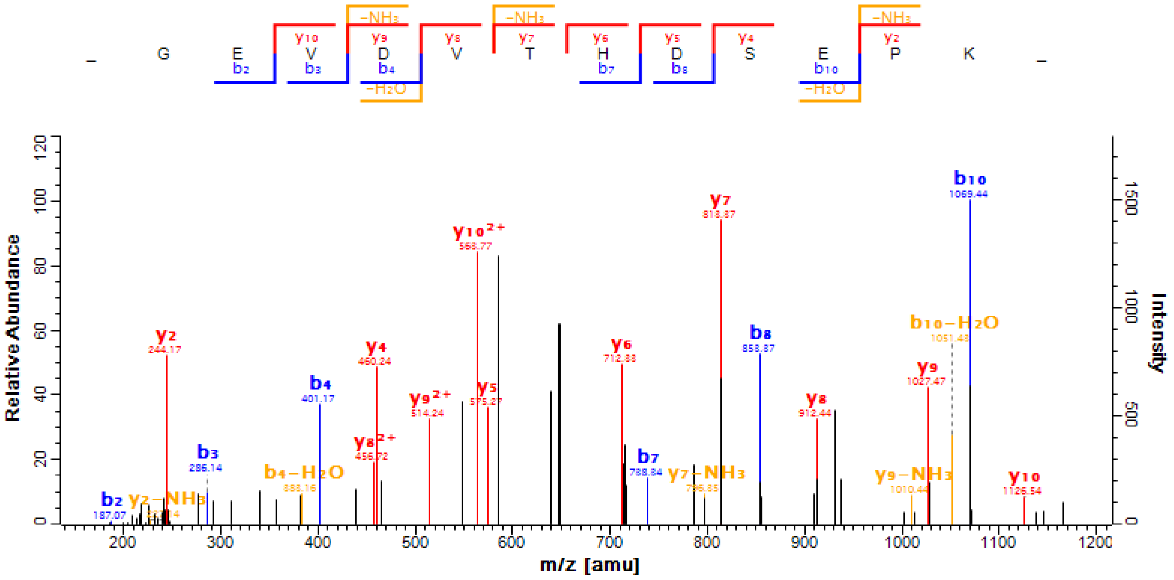


Protein Group ID: 4920
Protein Accession Numbers: Q9NV31
Gene Names: IMP3
Peptide Sequence: VGPDVVTDPAFLVTR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 162.41
Best Match Posterior Error Probability: 1.05E-09
Best Match Spectrum:

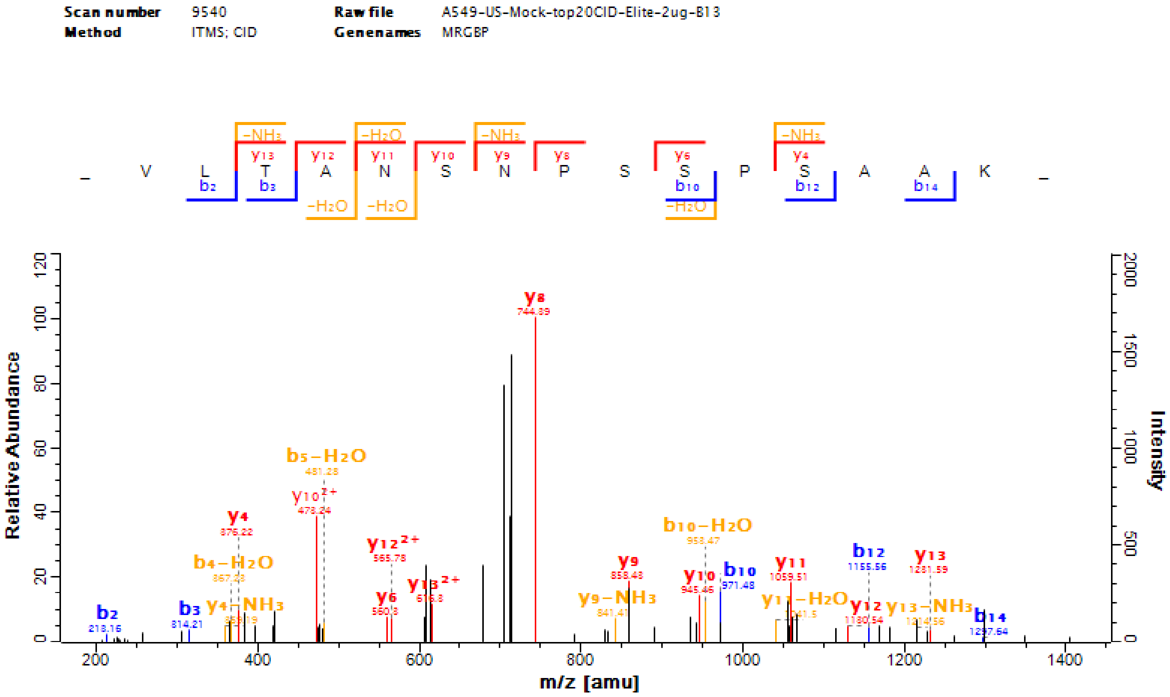


Protein Group ID: 4921
Protein Accession Numbers: Q9NV35
Gene Names: NUDT15
Peptide Sequence: GEVDVTHDSEPK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 120.57
Best Match Posterior Error Probability: 0.00012349
Best Match Spectrum:

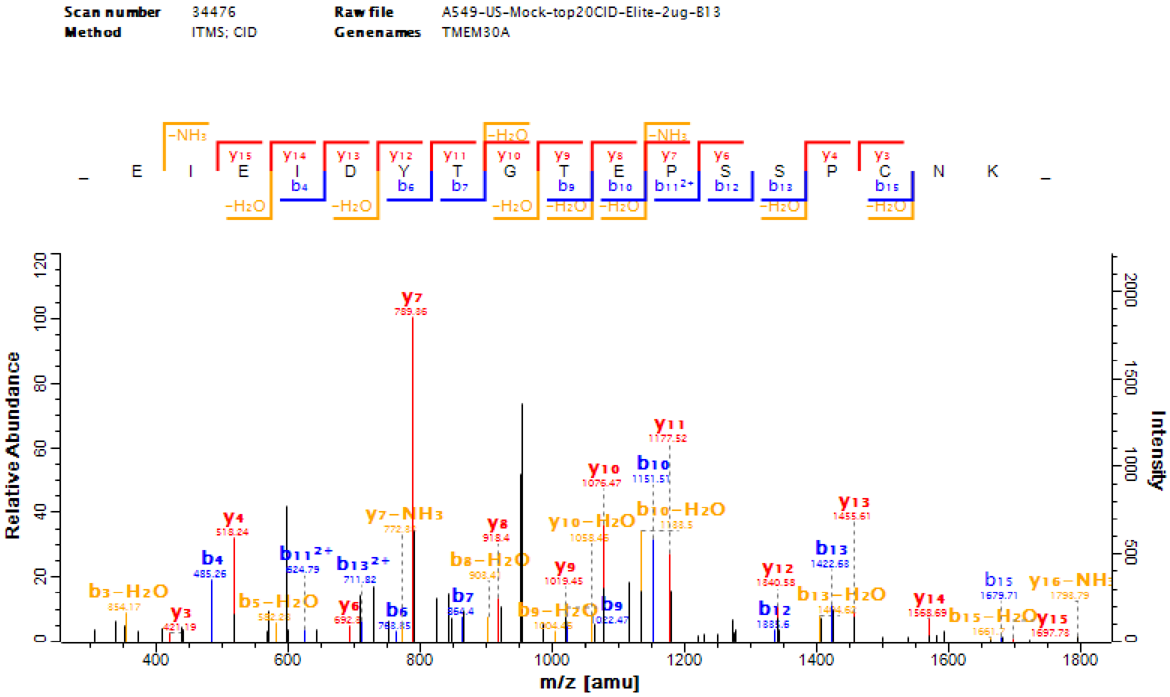
Scan number	6552	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	NUDT15



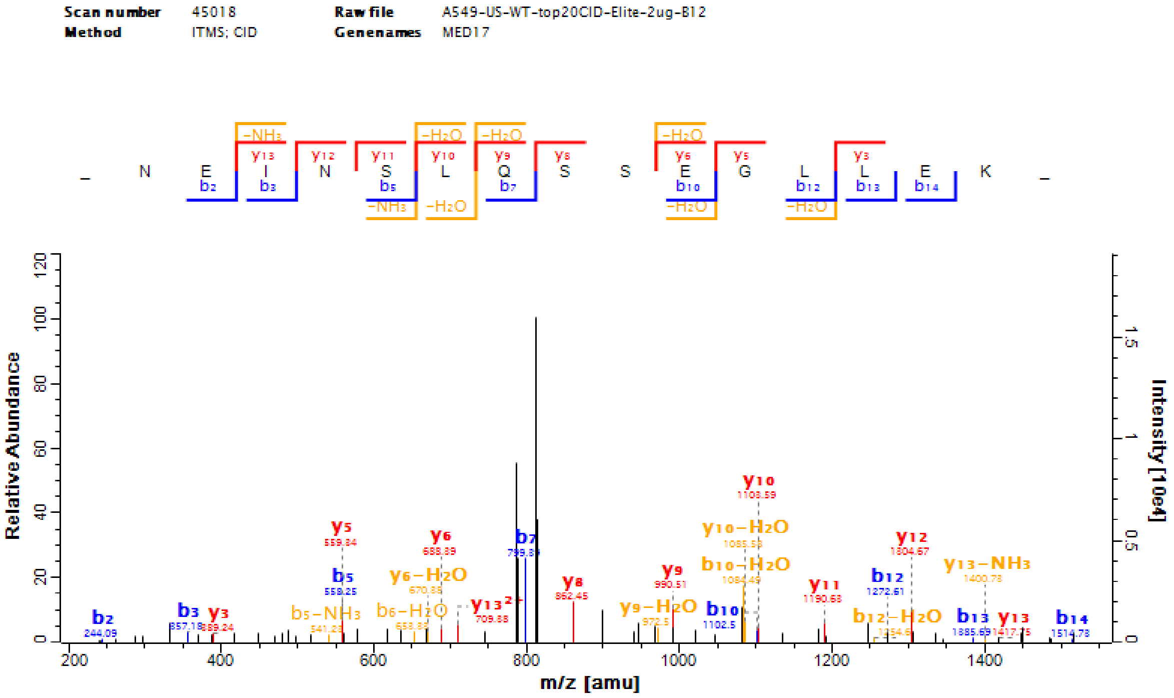
Protein Group ID: 4922
Protein Accession Numbers: Q9NV56
Gene Names: MRGBP
Peptide Sequence: VLTANSNPSSPSAAK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 105.46
Best Match Posterior Error Probability: 0.00016325
Best Match Spectrum:



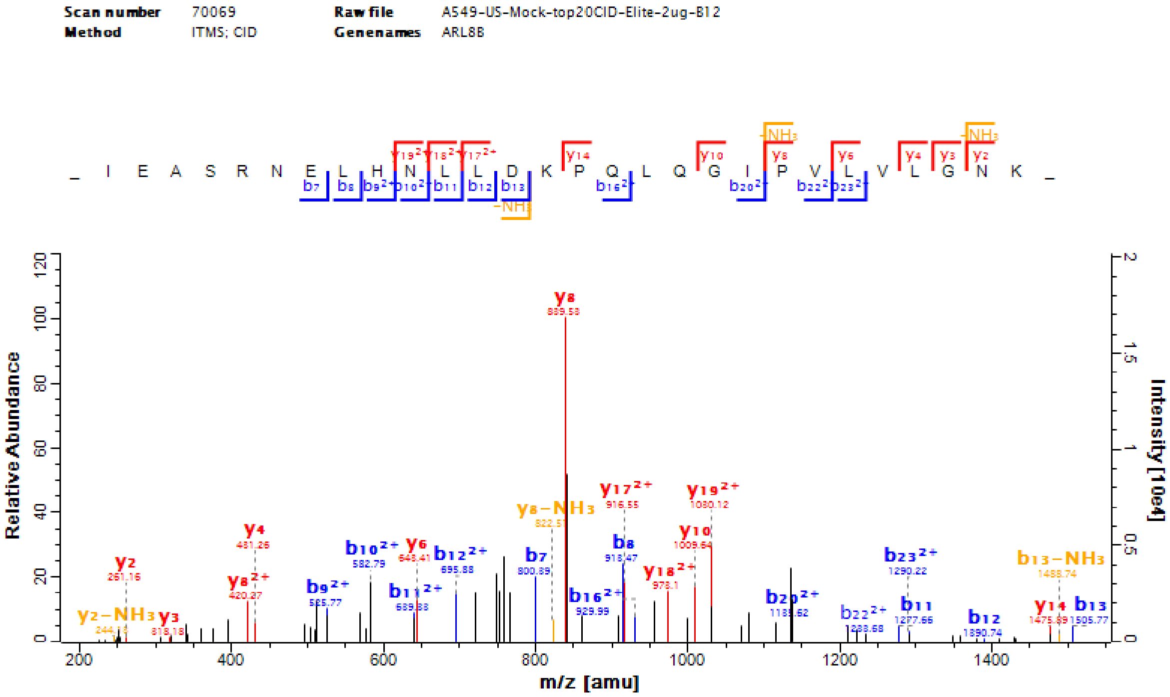
Protein Group ID: 4924
Protein Accession Numbers: Q9NV96
Gene Names: TMEM30A
Peptide Sequence: EIEIDYTGTEPSSPCNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 141.86
Best Match Posterior Error Probability: 2.50E-05
Best Match Spectrum:



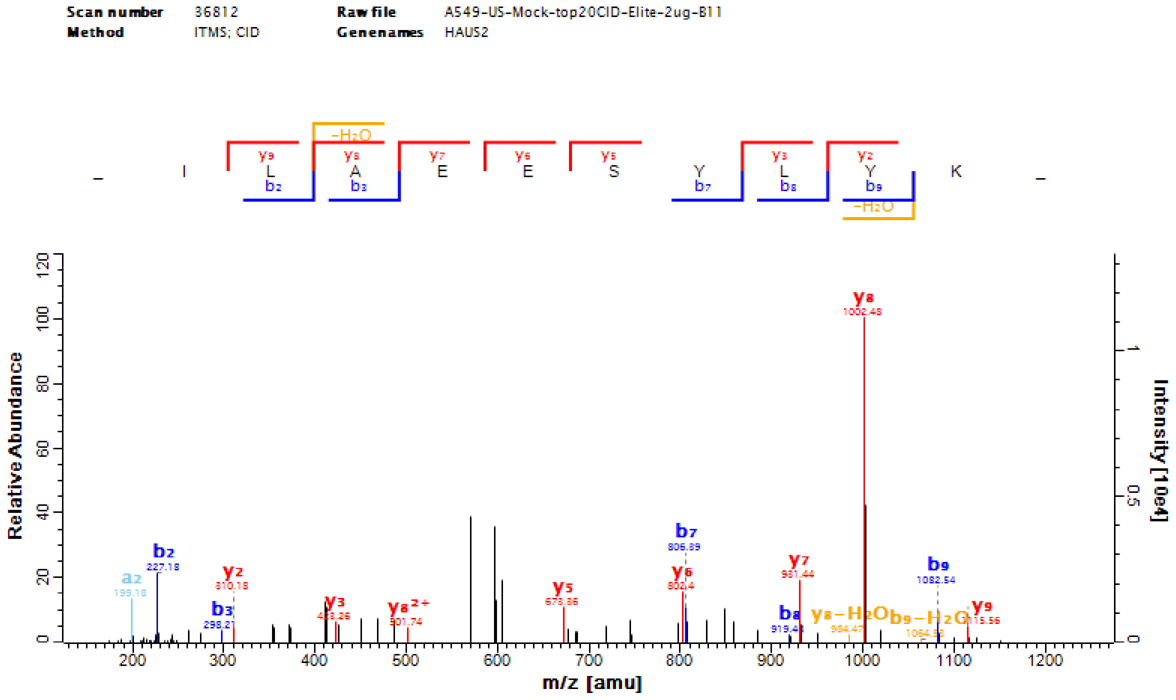
Protein Group ID: 4925
Protein Accession Numbers: Q9NVC6
Gene Names: MED17
Peptide Sequence: NEINSLQSSEGLLEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 122.75
Best Match Posterior Error Probability: 0.00014665
Best Match Spectrum:



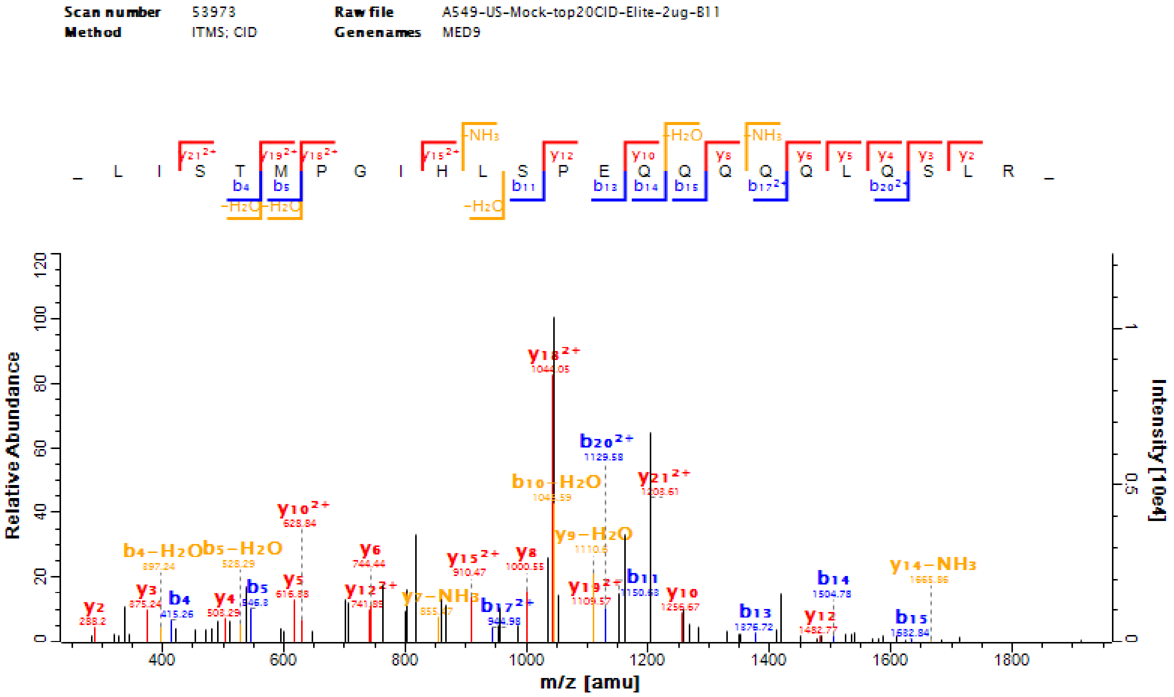
Protein Group ID: 4930
Protein Accession Numbers: Q9NVJ2
Gene Names: ARL8B
Peptide Sequence: IEASRNELHNLLDKPQLQGIPVLVLGNK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 97.509
Best Match Posterior Error Probability: 2.29E-05
Best Match Spectrum:



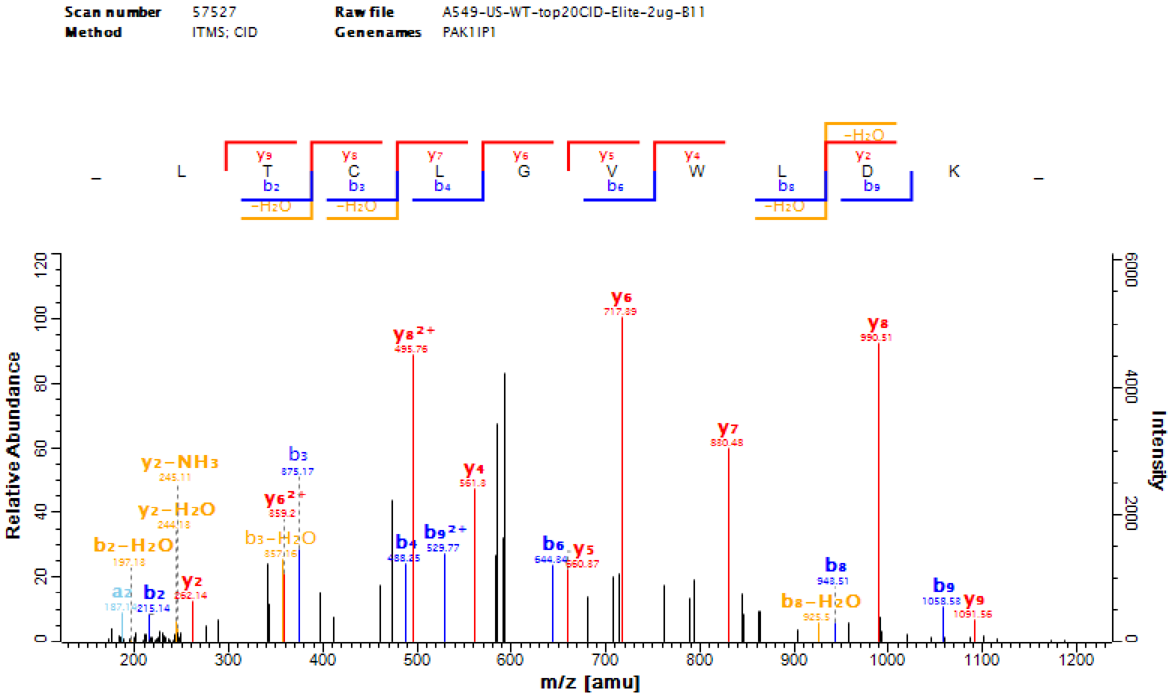
Protein Group ID: 4938
Protein Accession Numbers: Q9NVX0; Q9NVX0-3; Q9NVX0-2
Gene Names: HAUS2
Peptide Sequence: ILAEESYLYK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 92.538
Best Match Posterior Error Probability: 0.0016515
Best Match Spectrum:



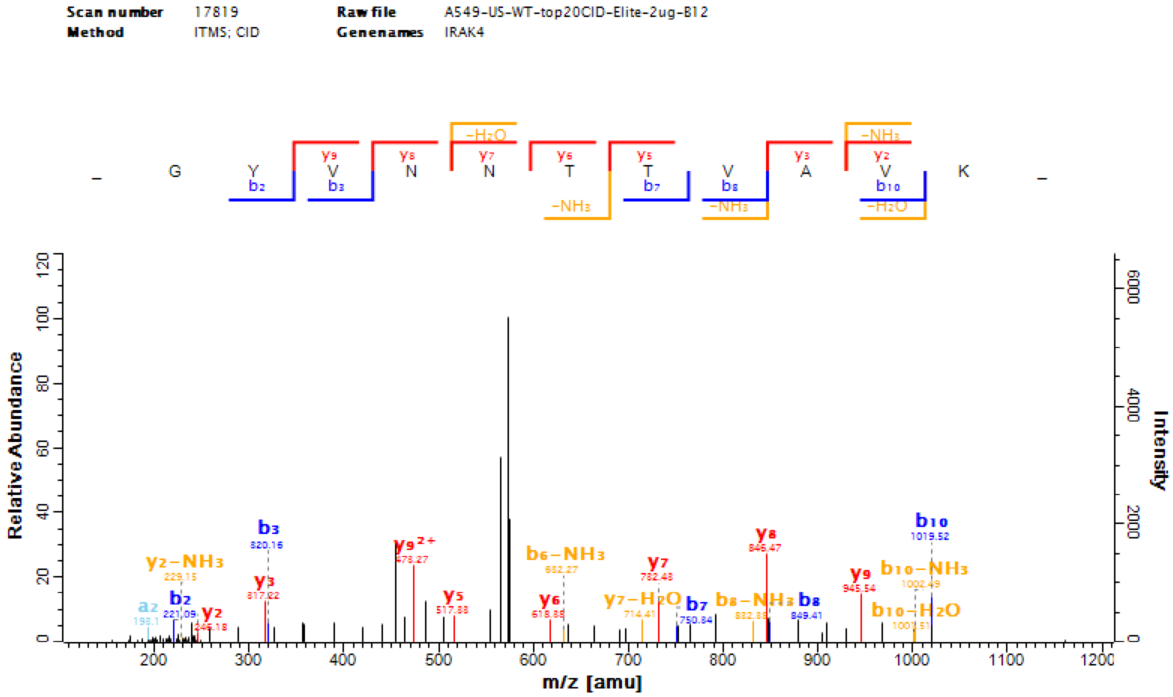
Protein Group ID: 4943
Protein Accession Numbers: Q9NWA0
Gene Names: MED9
Peptide Sequence: LISTMPGIHLSPEQQQQQLQSLR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 82.8
Best Match Posterior Error Probability: 7.09E-05
Best Match Spectrum:



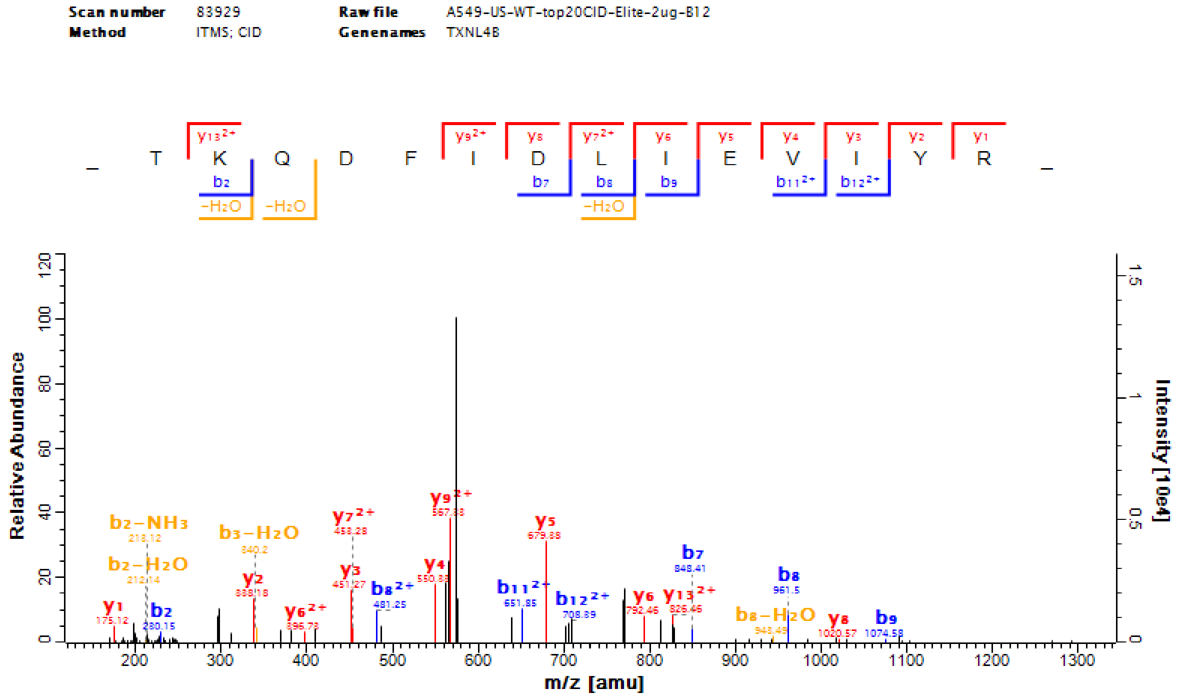
Protein Group ID: 4946
Protein Accession Numbers: Q9NWT1
Gene Names: PAK1IP1
Peptide Sequence: LTCLGVWLDK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 137.89
Best Match Posterior Error Probability: 1.06E-05
Best Match Spectrum:



Protein Group ID: 4953
Protein Accession Numbers: Q9NWZ3; Q9NWZ3-2
Gene Names: IRAK4
Peptide Sequence: GYVNNTTVAVK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 98.898
Best Match Posterior Error Probability: 0.00055555
Best Match Spectrum:

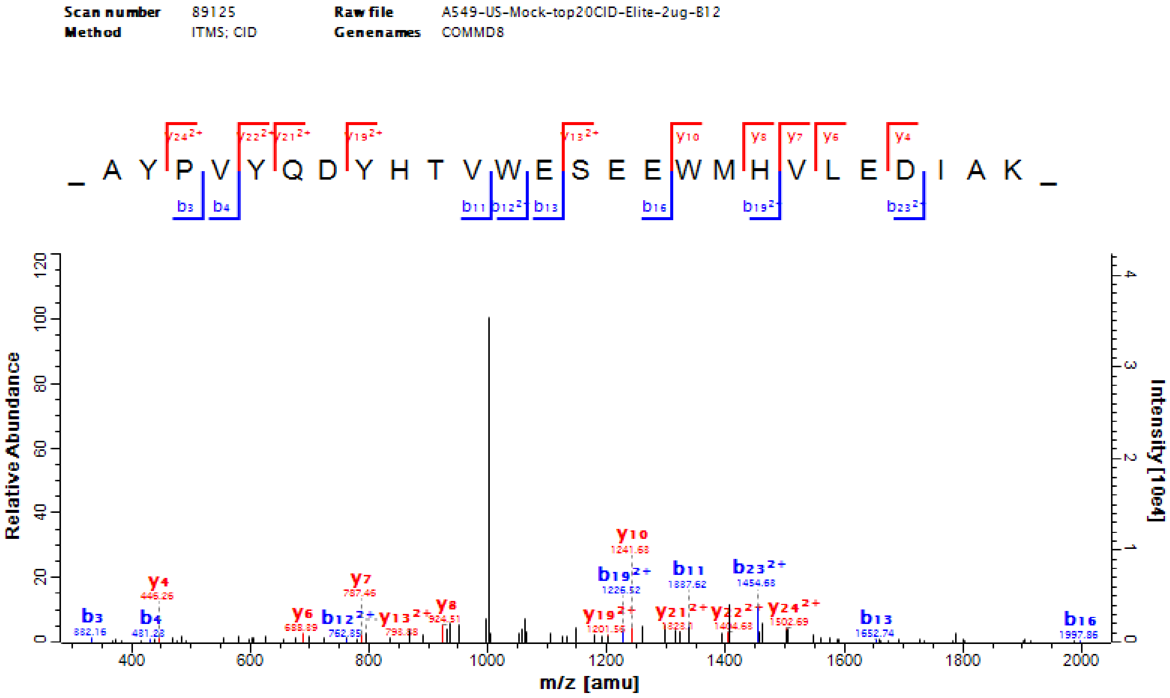


Protein Group ID: 4954
Protein Accession Numbers: Q9NX01
Gene Names: TXNL4B
Peptide Sequence: TKQDFIDLIEVIYR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 102.73
Best Match Posterior Error Probability: 0.0013234
Best Match Spectrum:



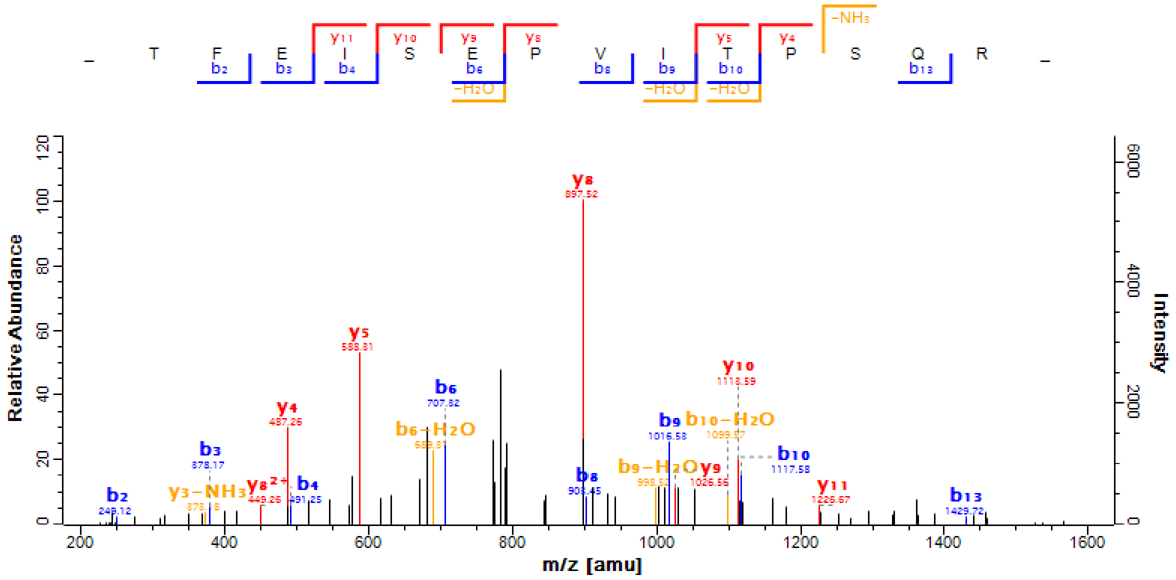
Scan number 83929 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** TXNL4B

Protein Group ID: 4956
Protein Accession Numbers: Q9NX08
Gene Names: COMMD8
Peptide Sequence: AYPVYQDYHTVWESEEWMHVLEDIAK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 54.235
Best Match Posterior Error Probability: 0.0024923
Best Match Spectrum:

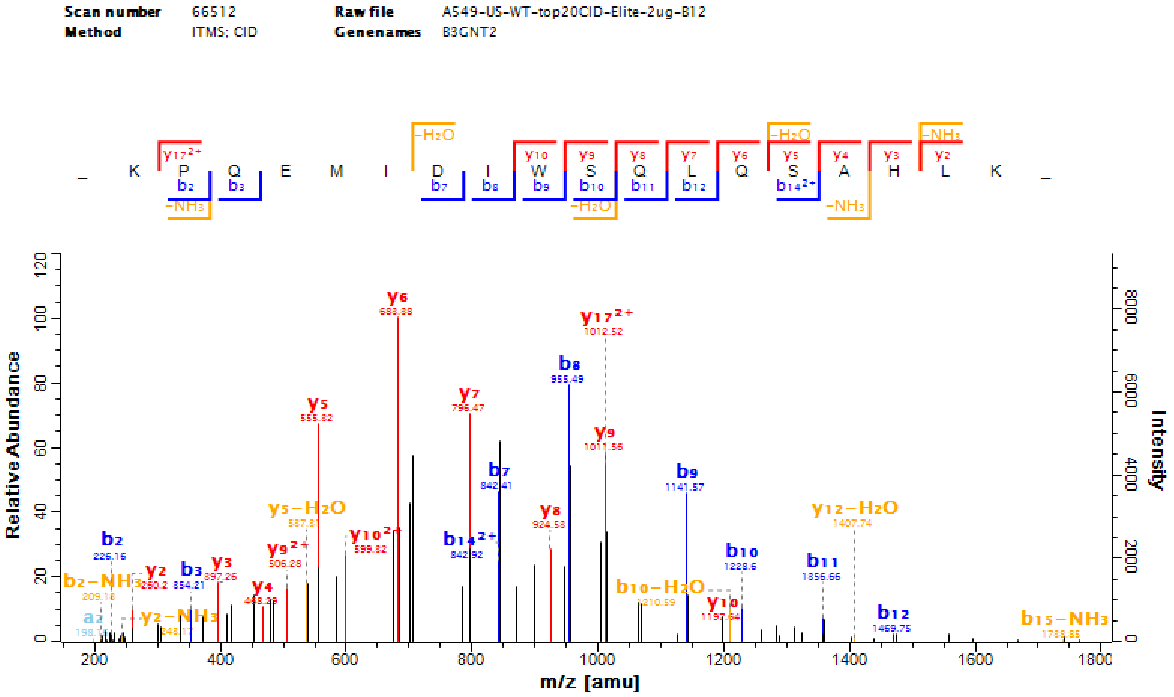


Protein Group ID: 4972
Protein Accession Numbers: Q9NXX6
Gene Names: NSMCE4A
Peptide Sequence: TFEISEPVITPSQR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 83.499
Best Match Posterior Error Probability: 0.0023858
Best Match Spectrum:

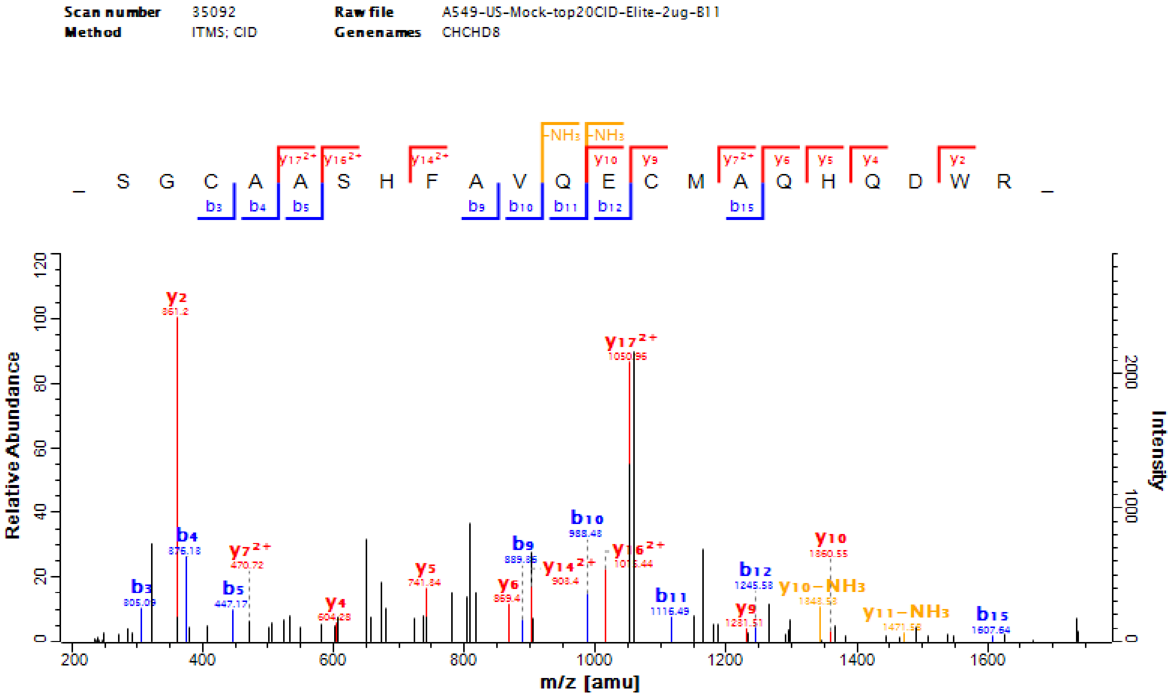
Scan number	46509	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B11
Method	ITMS; CID	**Genenames**	NSMCE4A



Protein Group ID: 4977
Protein Accession Numbers: Q9NY97; Q9NY97-2
Gene Names: B3GNT2
Peptide Sequence: KPQEMIDIWSQLQSAHLK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 97.095
Best Match Posterior Error Probability: 0.00051267
Best Match Spectrum:



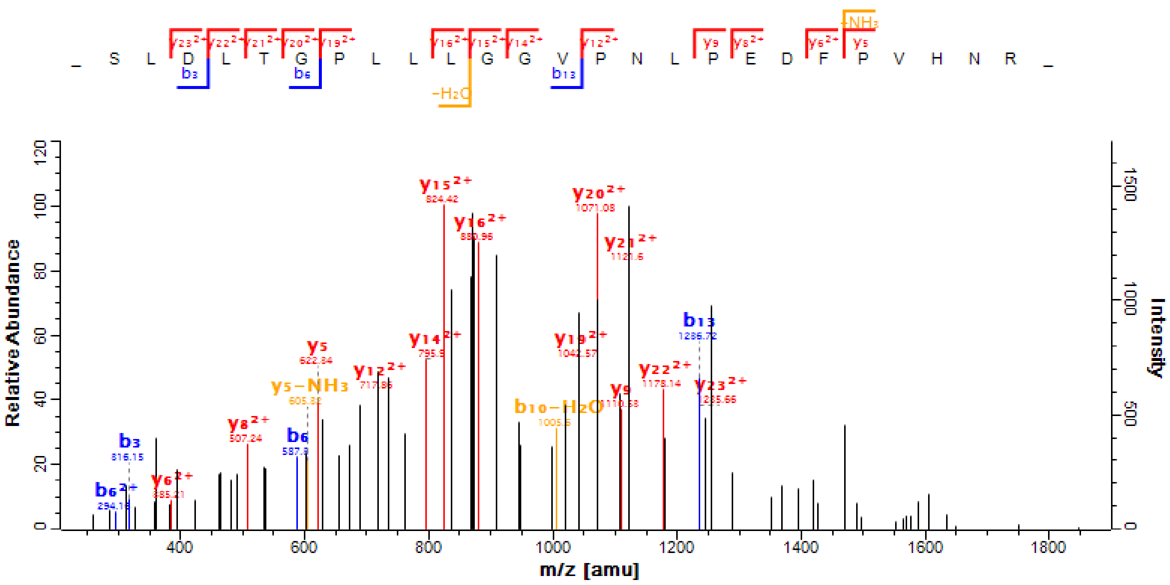
Protein Group ID: 4981
Protein Accession Numbers: Q9NYJ1-2; Q9NYJ1
Gene Names: CHCHD8
Peptide Sequence: SGCAASHFAVQECMAQHQDWR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 68.639
Best Match Posterior Error Probability: 0.0015832
Best Match Spectrum:



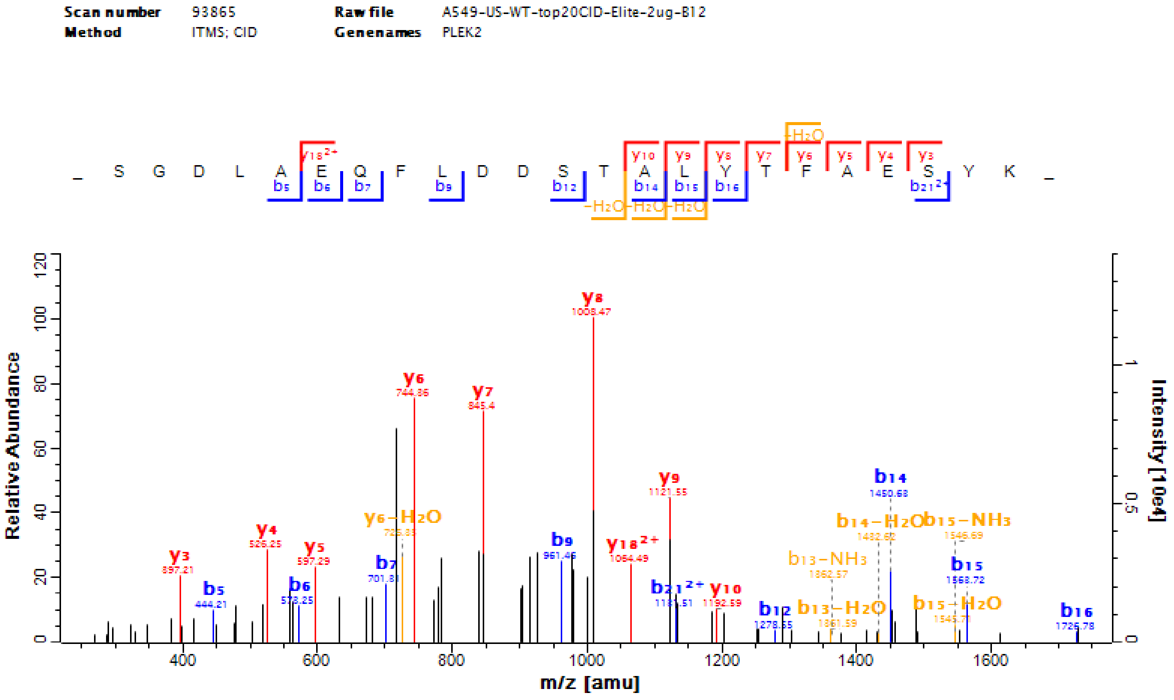
Scan number 35092
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B11
Genenames CHCHD8

Protein Group ID: 4985
Protein Accession Numbers: Q9NYQ6
Gene Names: CELSR1
Peptide Sequence: SLDLTGPLLLGGVPNLPEDFPVHNR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 55.337
Best Match Posterior Error Probability: 0.0029273
Best Match Spectrum:

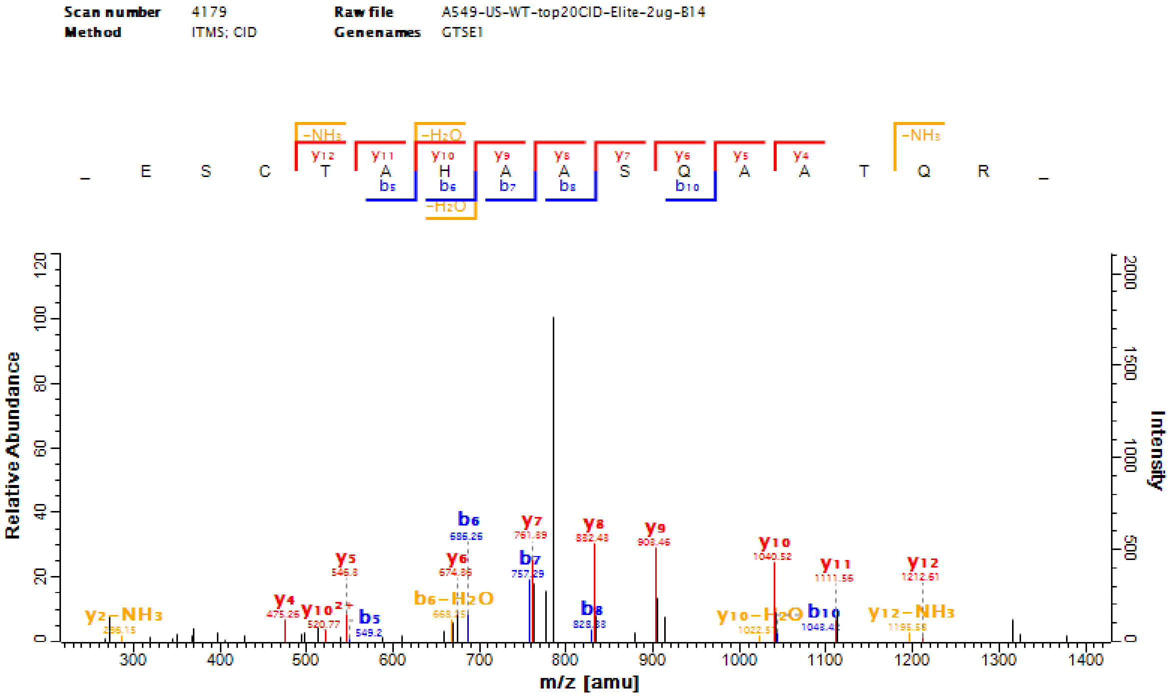
Scan number	84678	**Raw file**	A549-US-Mock-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	CELSR1



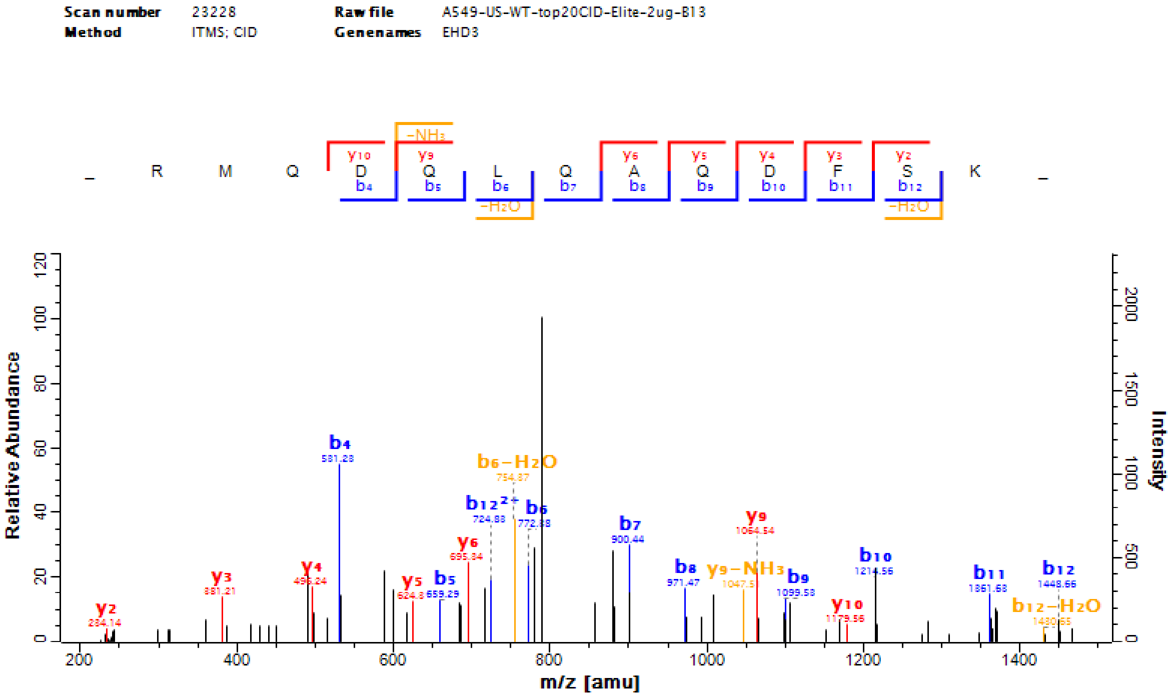
Protein Group ID: 4986
Protein Accession Numbers: Q9NYT0
Gene Names: PLEK2
Peptide Sequence: SGDLAEQFLDDSTALYTFAESYK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 65.425
Best Match Posterior Error Probability: 0.0010724
Best Match Spectrum:



Protein Group ID: 4990
Protein Accession Numbers: Q9NYZ3
Gene Names: GTSE1
Peptide Sequence: ESCTAHAASQAATQR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 78.69
Best Match Posterior Error Probability: 0.002883
Best Match Spectrum:

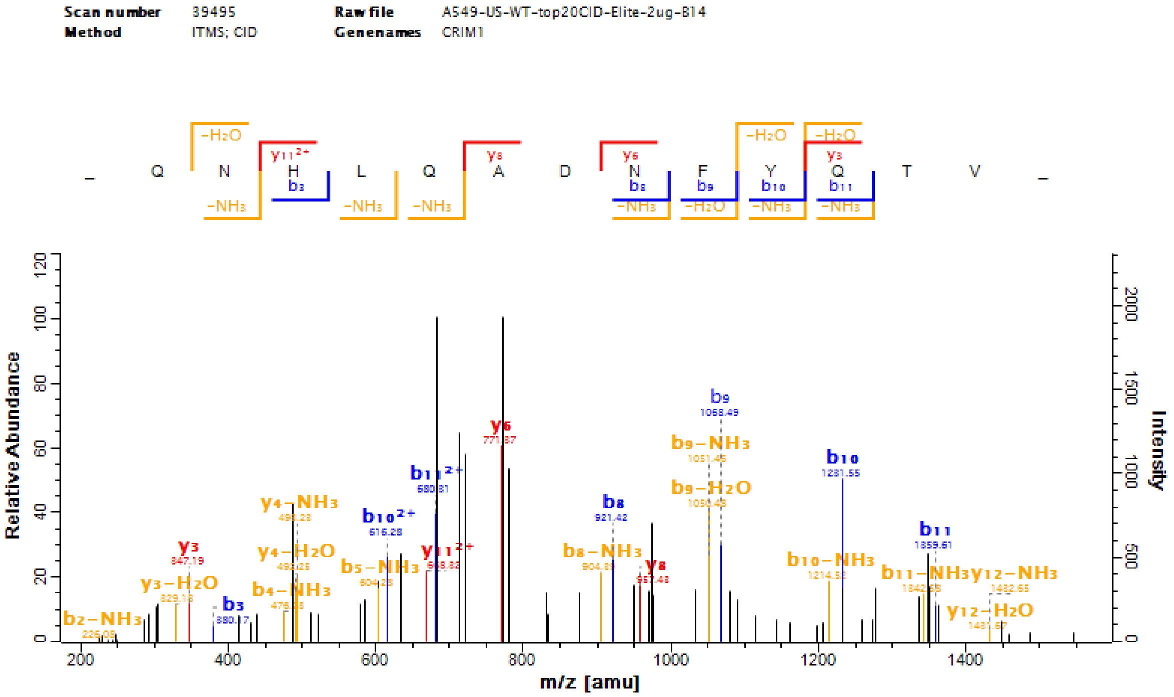


Protein Group ID: 5005
Protein Accession Numbers: Q9NZN3
Gene Names: EHD3
Peptide Sequence: RMQDQLQAQDFSK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 96.673
Best Match Posterior Error Probability: 0.0055343
Best Match Spectrum:



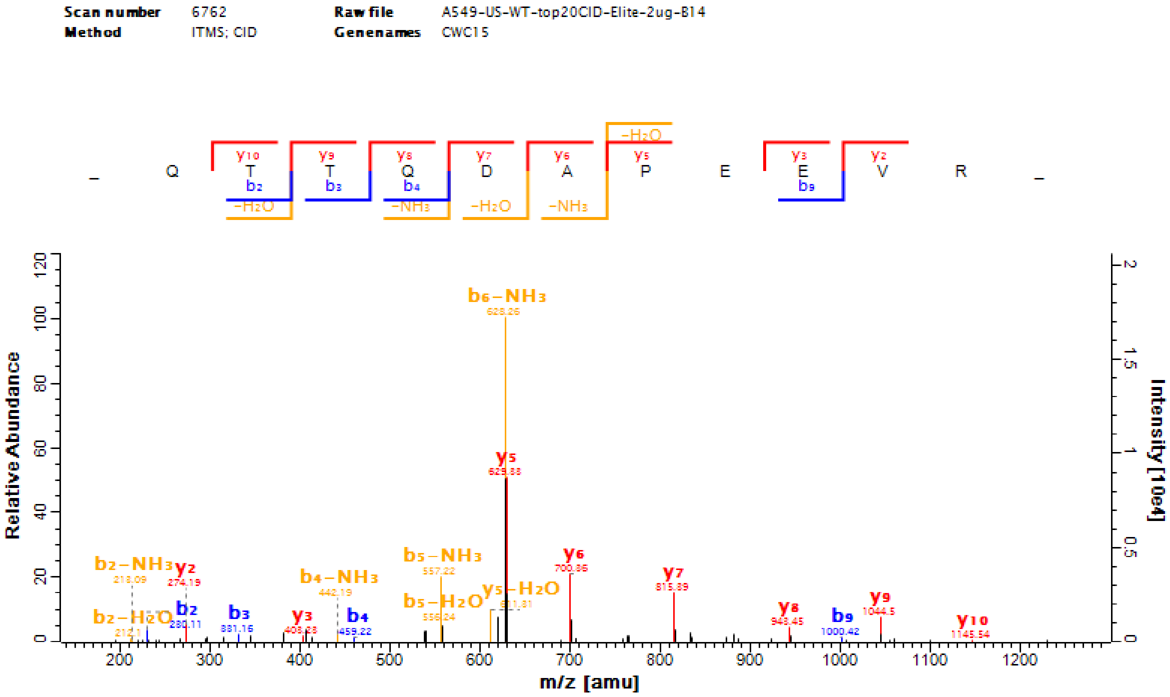
Scan number 23228 **Raw file** A549-US-WT-top20CID-Elite-2ug-B13
Method ITMS; CID **Genenames** EHD3

Protein Group ID: 5009
Protein Accession Numbers: Q9NZV1
Gene Names: CRIM1
Peptide Sequence: QNHLQADNFYQTV
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 107.09
Best Match Posterior Error Probability: 0.00037736
Best Match Spectrum:

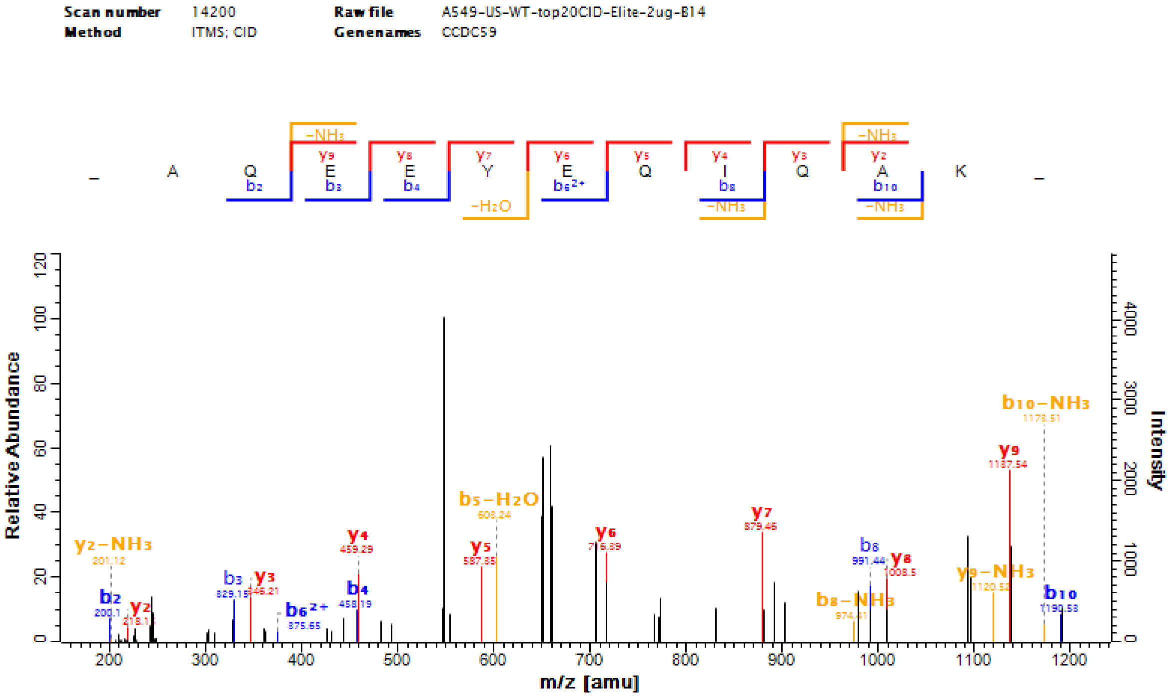


Scan number 39495 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** CRIM1

Protein Group ID: 5012
Protein Accession Numbers: Q9P013
Gene Names: CWC15
Peptide Sequence: QTTQDAPEEVR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 94.191
Best Match Posterior Error Probability: 0.0010422
Best Match Spectrum:

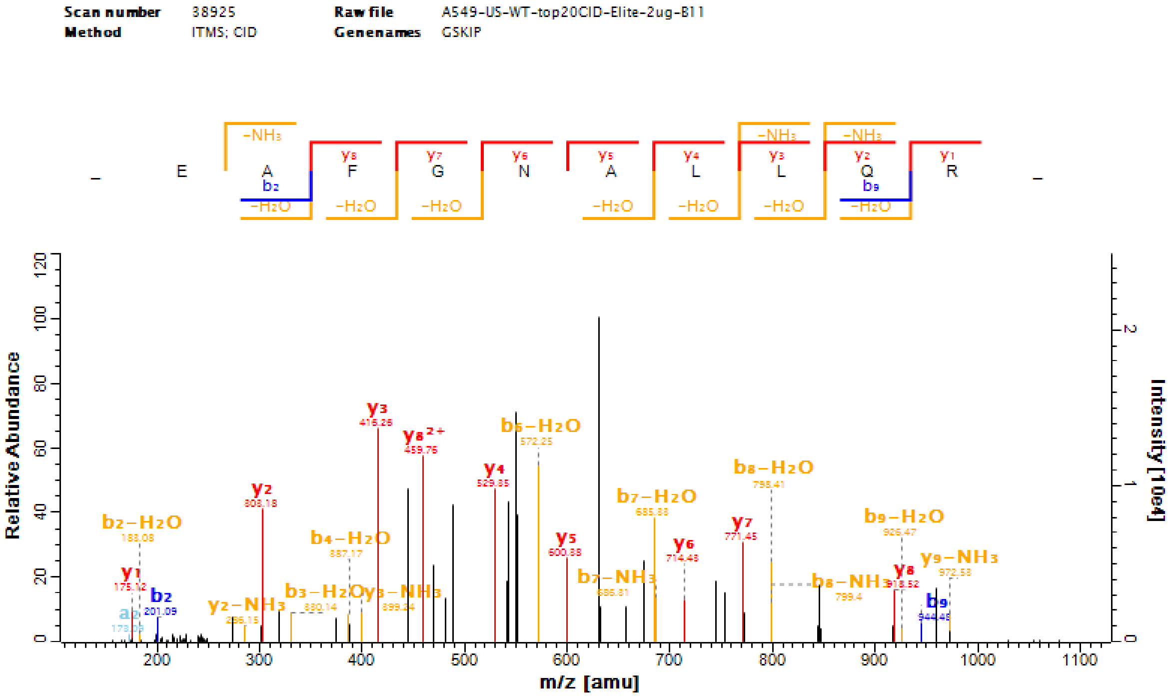


Protein Group ID: 5016
Protein Accession Numbers: Q9P031
Gene Names: CCDC59
Peptide Sequence: AQEEYEQIQAK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 84.605
Best Match Posterior Error Probability: 0.0025518
Best Match Spectrum:

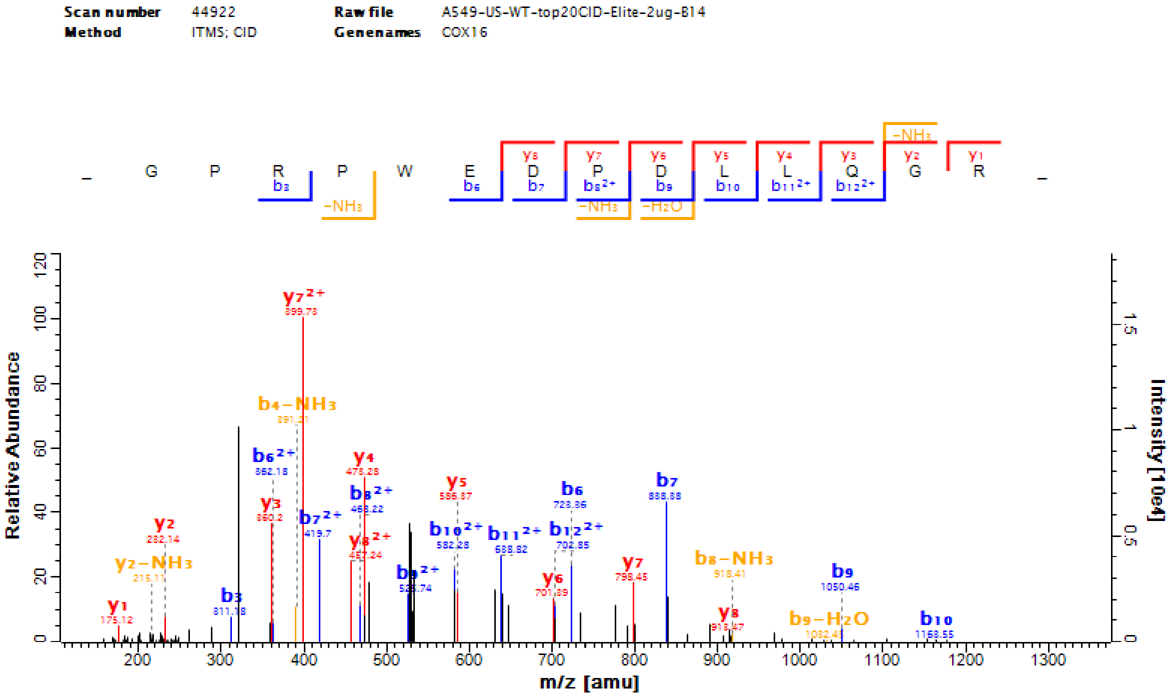


Scan number 14200 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** CCDC59

Protein Group ID: 5023
Protein Accession Numbers: Q9P0R6
Gene Names: GSKIP
Peptide Sequence: EAFGNALLQR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 89.08
Best Match Posterior Error Probability: 0.0020971
Best Match Spectrum:

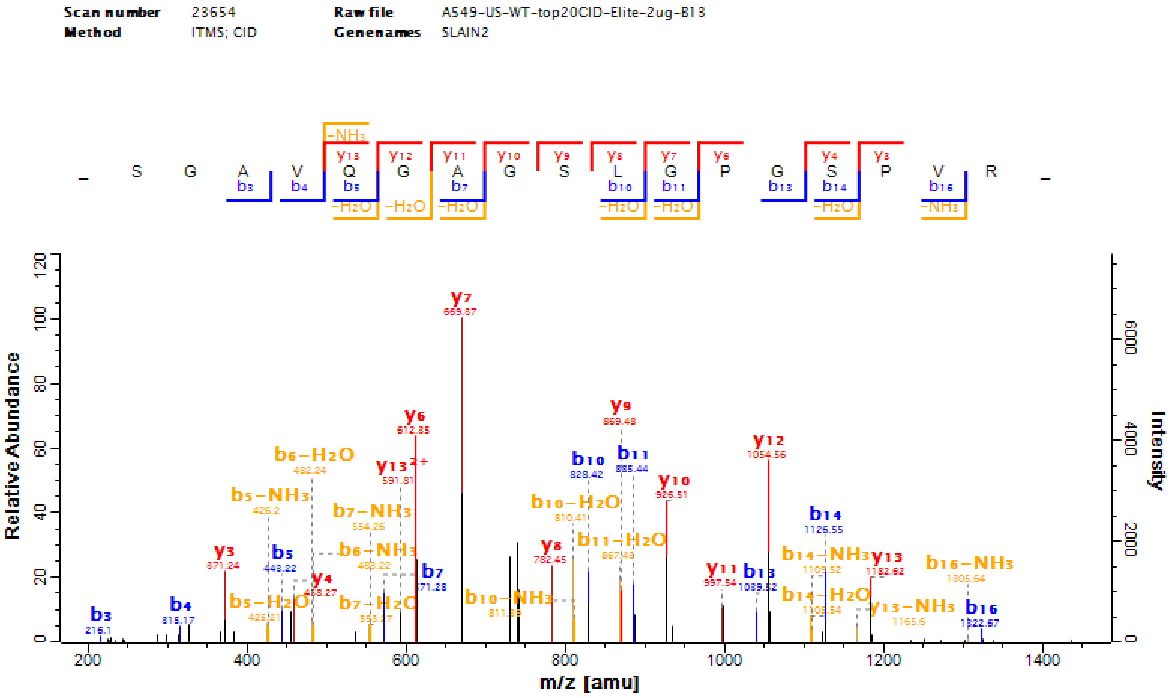


Protein Group ID: 5024
Protein Accession Numbers: Q9P0S2
Gene Names: COX16
Peptide Sequence: GPRPWEDPDLLQGR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 126.95
Best Match Posterior Error Probability: 0.0001686
Best Match Spectrum:

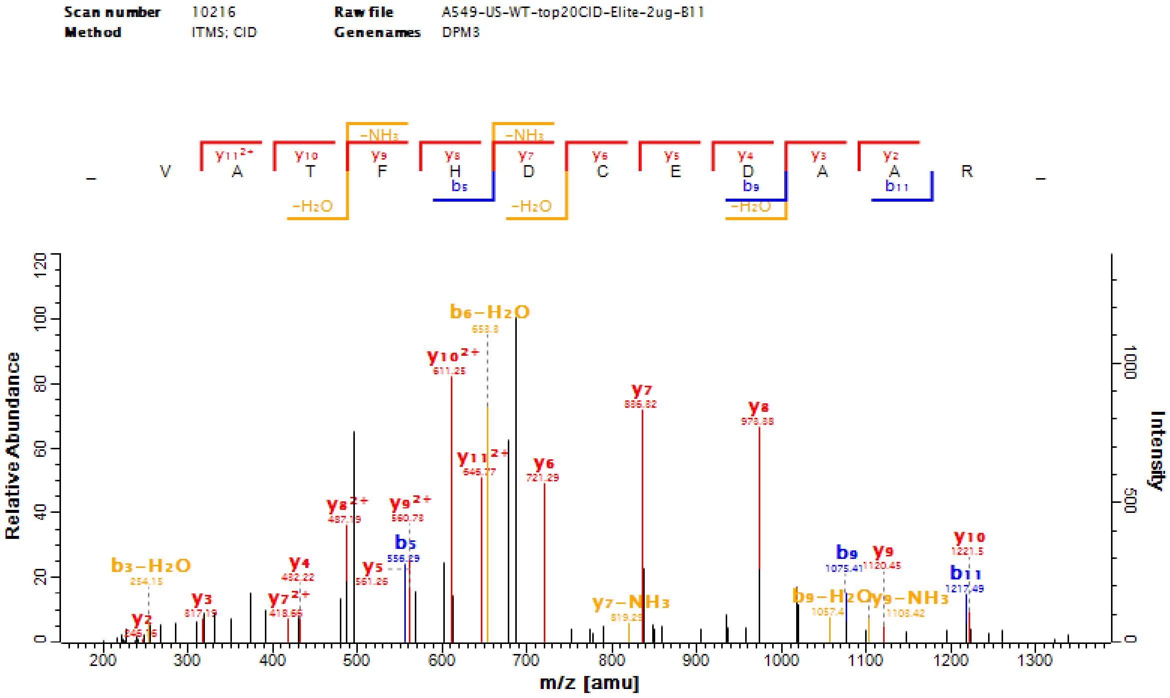


Scan number 44922 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** COX16

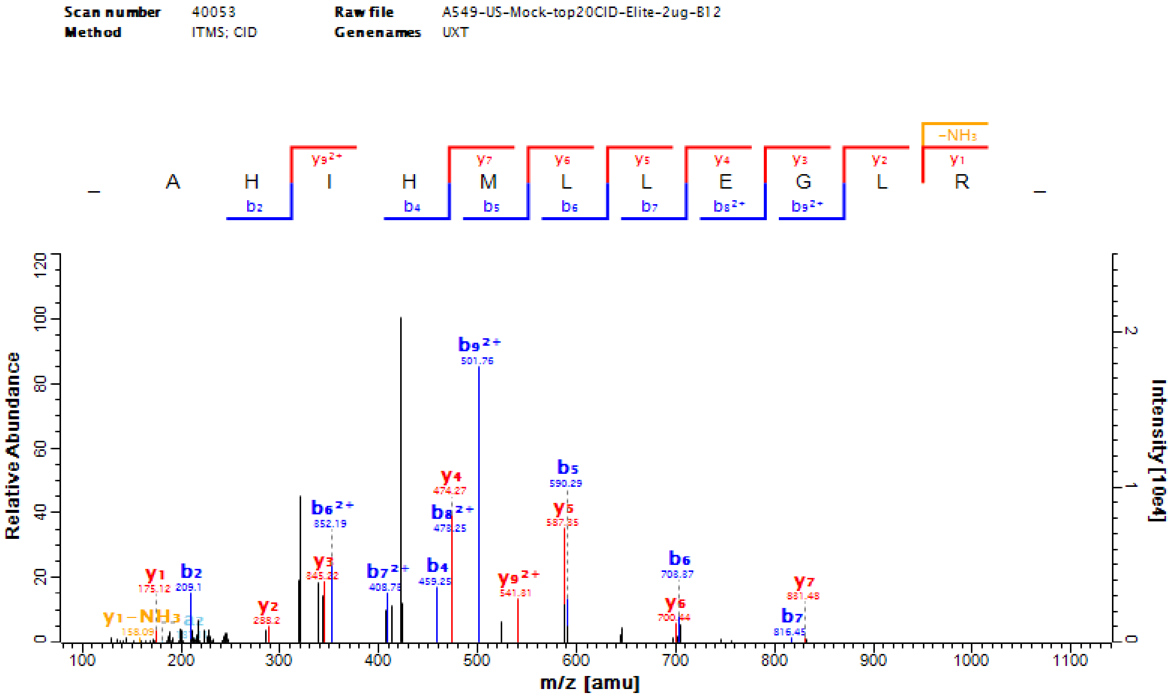
Protein Group ID: 5032
Protein Accession Numbers: Q9P270
Gene Names: SLAIN2
Peptide Sequence: SGAVQGAGSLGPGSPVR
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 166.48
Best Match Posterior Error Probability: 5.05E-10
Best Match Spectrum:



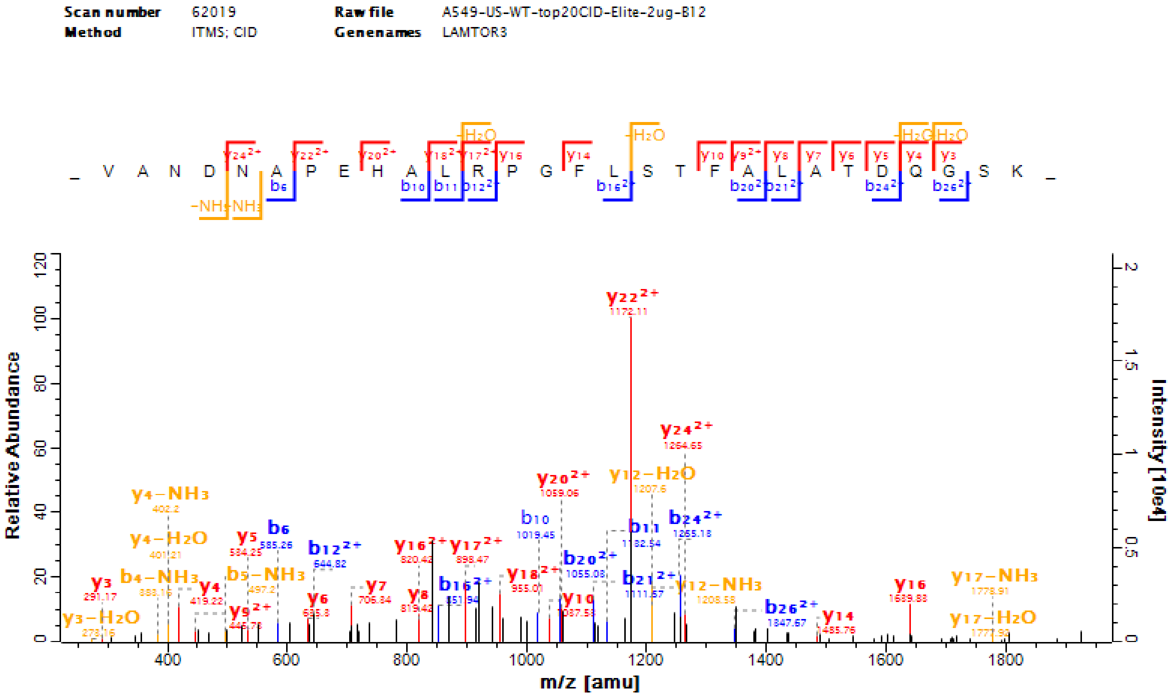
Protein Group ID: 5044
Protein Accession Numbers: Q9P2X0-2; Q9P2X0
Gene Names: DPM3
Peptide Sequence: VATFHDCEDAAR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 113.61
Best Match Posterior Error Probability: 0.00021508
Best Match Spectrum:



Protein Group ID: 5056
Protein Accession Numbers: Q9UBK9
Gene Names: UXT
Peptide Sequence: AHIHMLLEGLR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 105.98
Best Match Posterior Error Probability: 0.00030271
Best Match Spectrum:

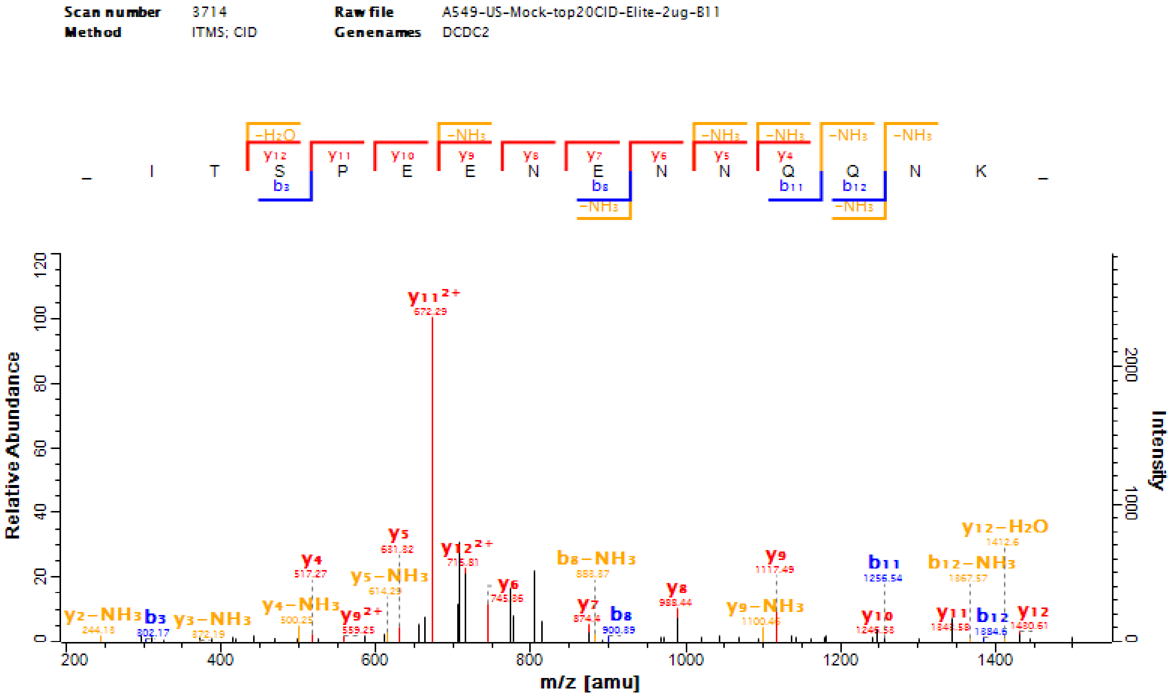


Protein Group ID: 5090
Protein Accession Numbers: Q9UHA4
Gene Names: LAMTOR3
Peptide Sequence: VANDNAPEHALRPGFLSTFALATDQGSK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 107.75
Best Match Posterior Error Probability: 4.22E-08
Best Match Spectrum:

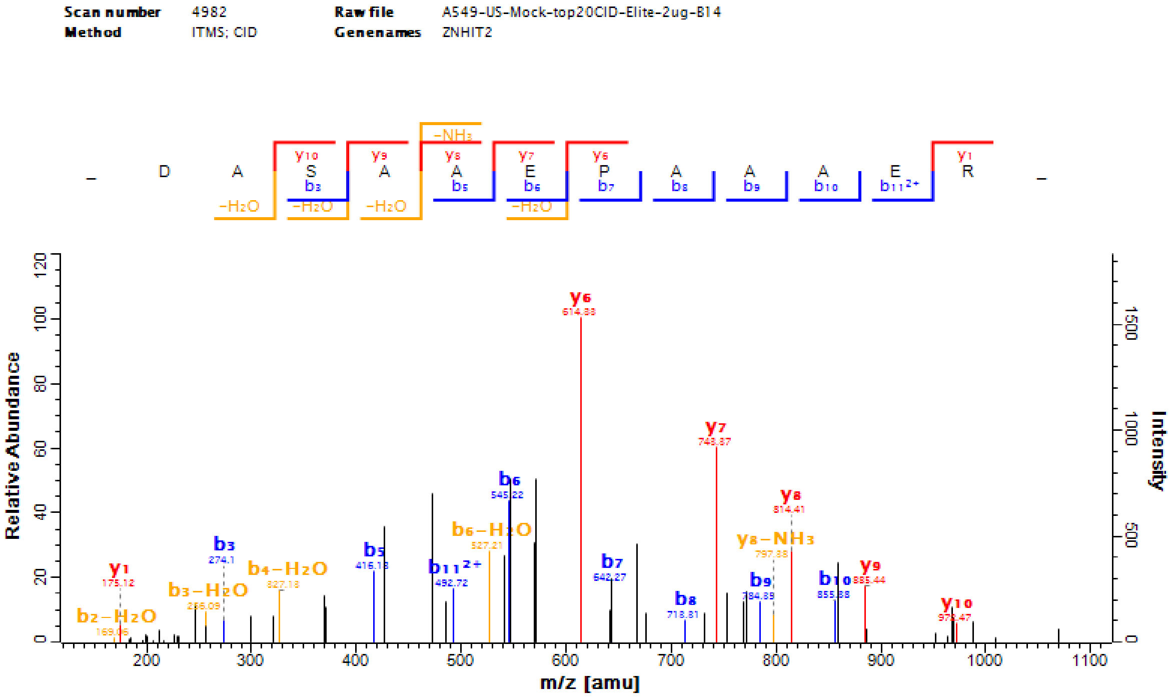


Scan number 62019 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** LAMTOR3

Protein Group ID: 5097
Protein Accession Numbers: Q9UHG0; Q9UHG0-2
Gene Names: DCDC2
Peptide Sequence: ITSPEENENNQQNK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 110.51
Best Match Posterior Error Probability: 0.00016395
Best Match Spectrum:

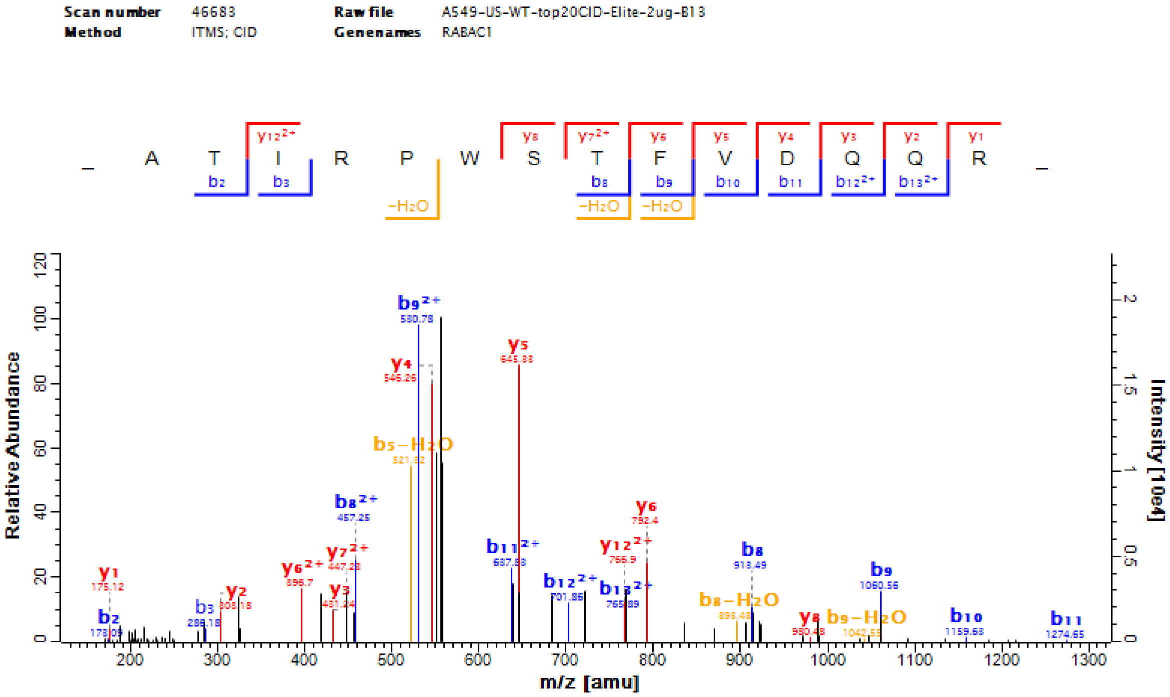


Protein Group ID: 5106
Protein Accession Numbers: Q9UHR6
Gene Names: ZNHIT2
Peptide Sequence: DASAAEPAAAER
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 83.137
Best Match Posterior Error Probability: 0.0026505
Best Match Spectrum:



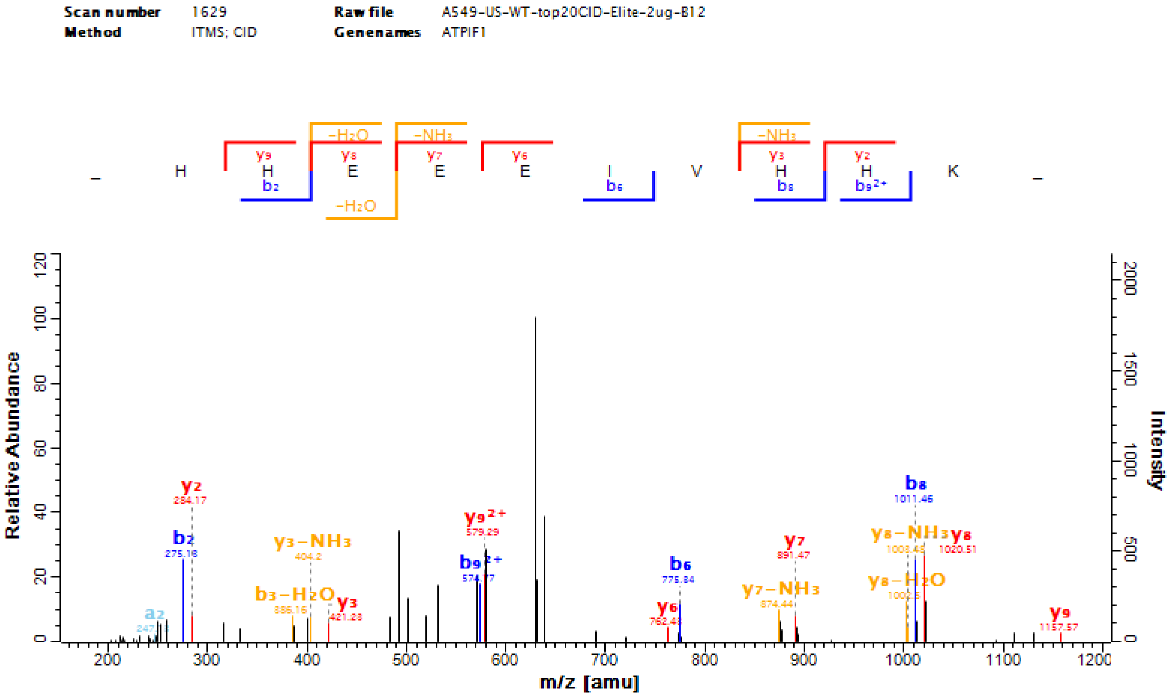
Scan number 4982
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B14
Genenames ZNHIT2

Protein Group ID: 5115
Protein Accession Numbers: Q9UI14
Gene Names: RABAC1
Peptide Sequence: ATIRPWSTFVDQQR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 115.12
Best Match Posterior Error Probability: 0.00050755
Best Match Spectrum:

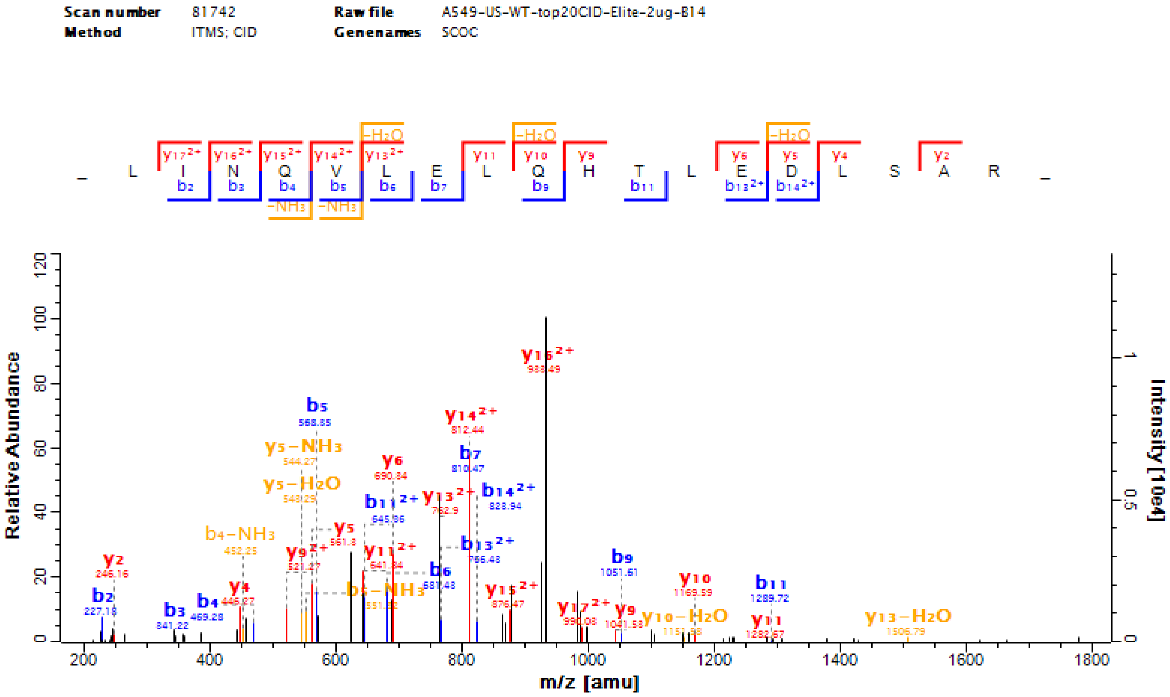


Scan number	46683	**Raw file**	A549-US-WT-top20CID-Elite-2ug-B13
Method	ITMS; CID	**Genenames**	RABAC1

Protein Group ID: 5120
Protein Accession Numbers: Q9UII2
Gene Names: ATPIF1
Peptide Sequence: HHEEEIVHHK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 108.67
Best Match Posterior Error Probability: 0.0013835
Best Match Spectrum:

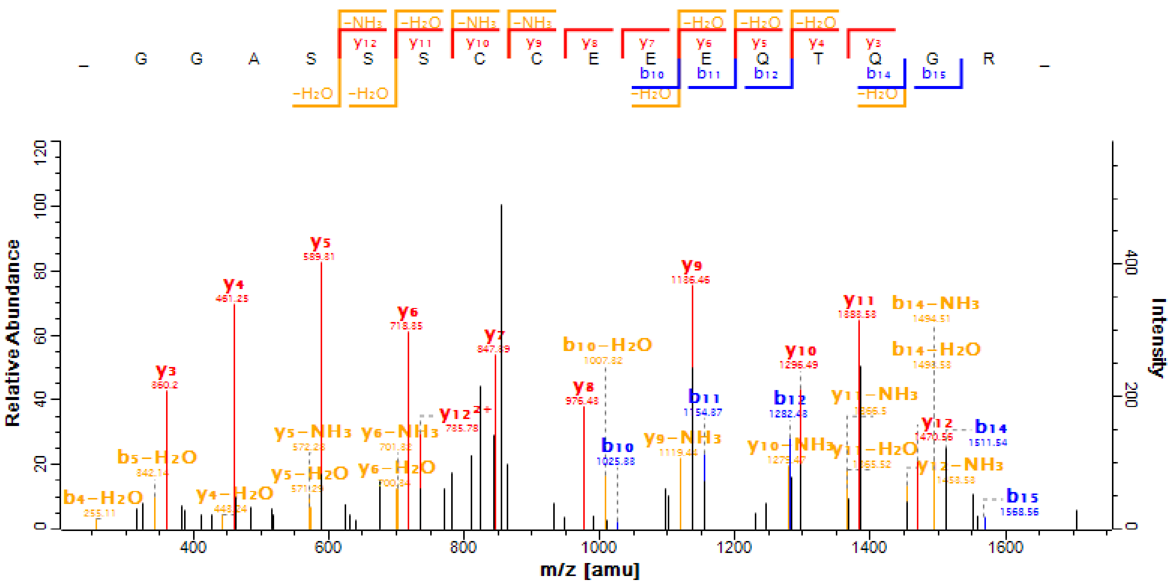


Protein Group ID: 5123
Protein Accession Numbers: Q9UIL1; Q9UIL1-2; Q9UIL1-3
Gene Names: SCOC
Peptide Sequence: LINQVLELQHTLEDLSAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 158.29
Best Match Posterior Error Probability: 8.61E-10
Best Match Spectrum:

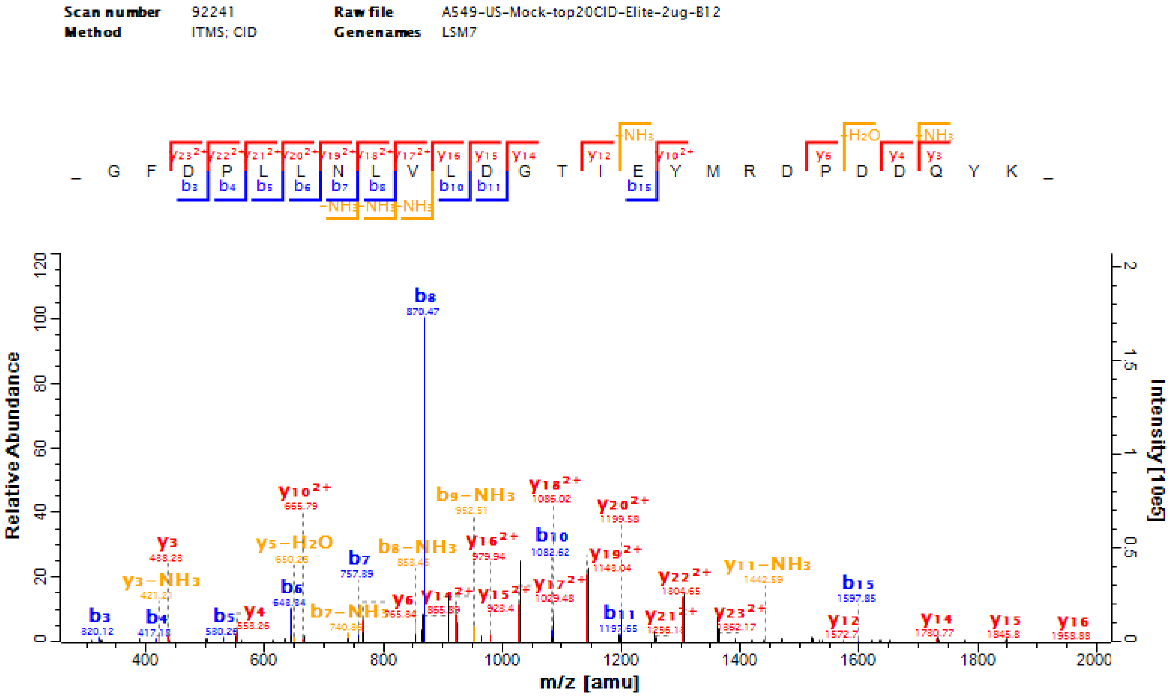


Protein Group ID: 5127
Protein Accession Numbers: Q9UJK0
Gene Names: C16orf42
Peptide Sequence: GGASSSCCEEEQTQGR
Total Number of Spectra: 6
Number of Replicates (out of 8): 6
Best Match Score: 160.04
Best Match Posterior Error Probability: 1.79E-09
Best Match Spectrum:

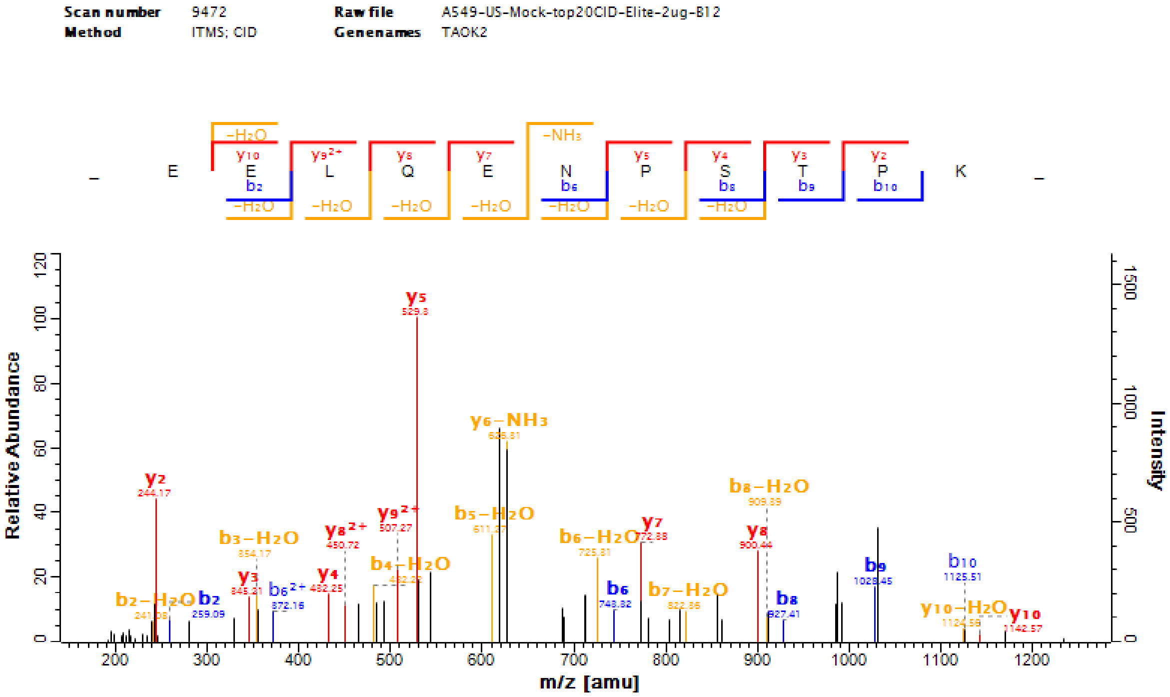
Scan number	2642	Raw file	A549-US-Mock-top20CID-Elite-2ug-B12
Method	ITMS; CID	Genenames	C16orf42



Protein Group ID: 5138
Protein Accession Numbers: Q9UK45
Gene Names: LSM7
Peptide Sequence: GFDPLLNLVLDGTIEYMRDPDDQYK
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 134.86
Best Match Posterior Error Probability: 1.36E-17
Best Match Spectrum:

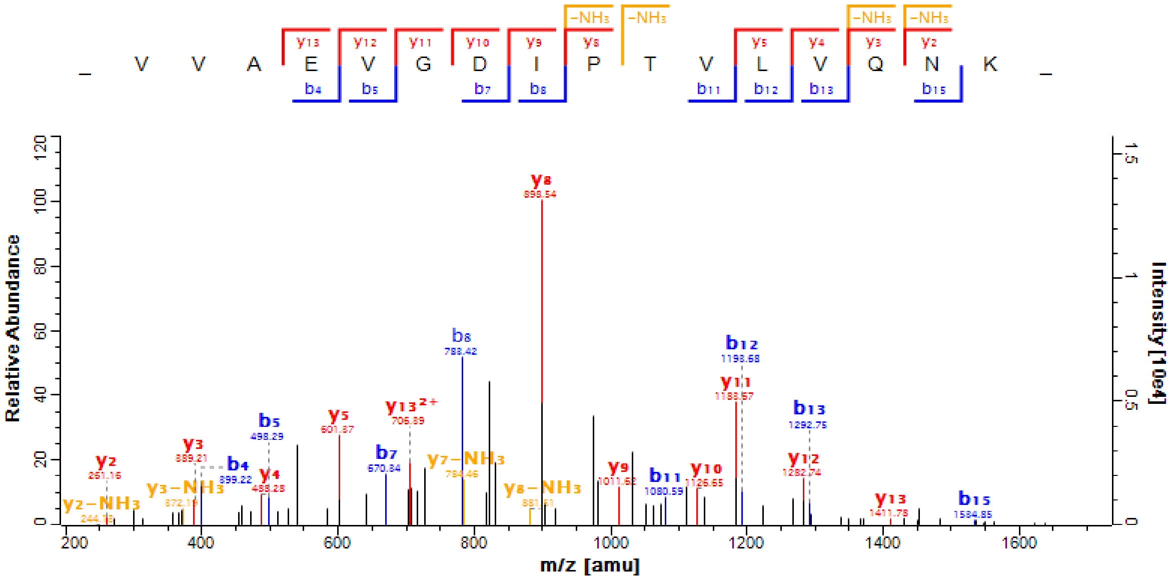


Protein Group ID: 5158
Protein Accession Numbers: Q9UL54; Q9UL54-4; Q9UL54-3; Q9UL54-2
Gene Names: TAOK2
Peptide Sequence: EELQENPSTPK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 113.61
Best Match Posterior Error Probability: 0.00011586
Best Match Spectrum:

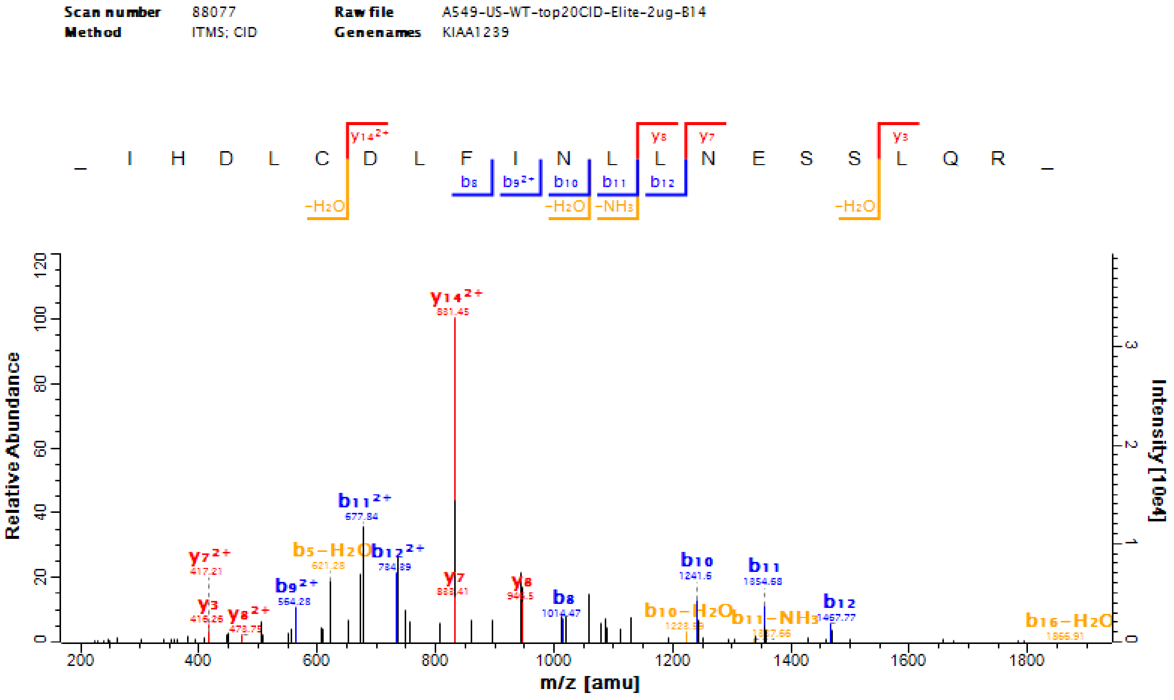


Protein Group ID: 5159
Protein Accession Numbers: Q9ULC3
Gene Names: RAB23
Peptide Sequence: VVAEVGDIPTVLVQNK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 110.35
Best Match Posterior Error Probability: 0.00010918
Best Match Spectrum:

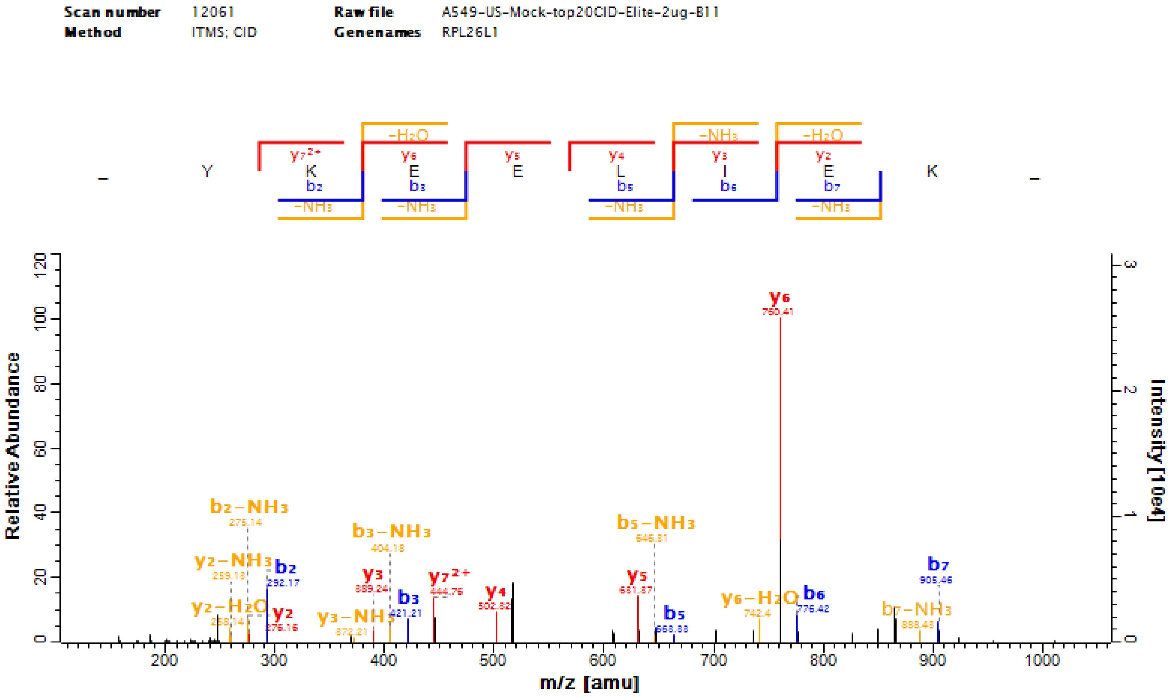
Scan number 56374 **Raw file** A549-US-WT-top20CID-Elite-2ug-B12
Method ITMS; CID **Genenames** RAB23



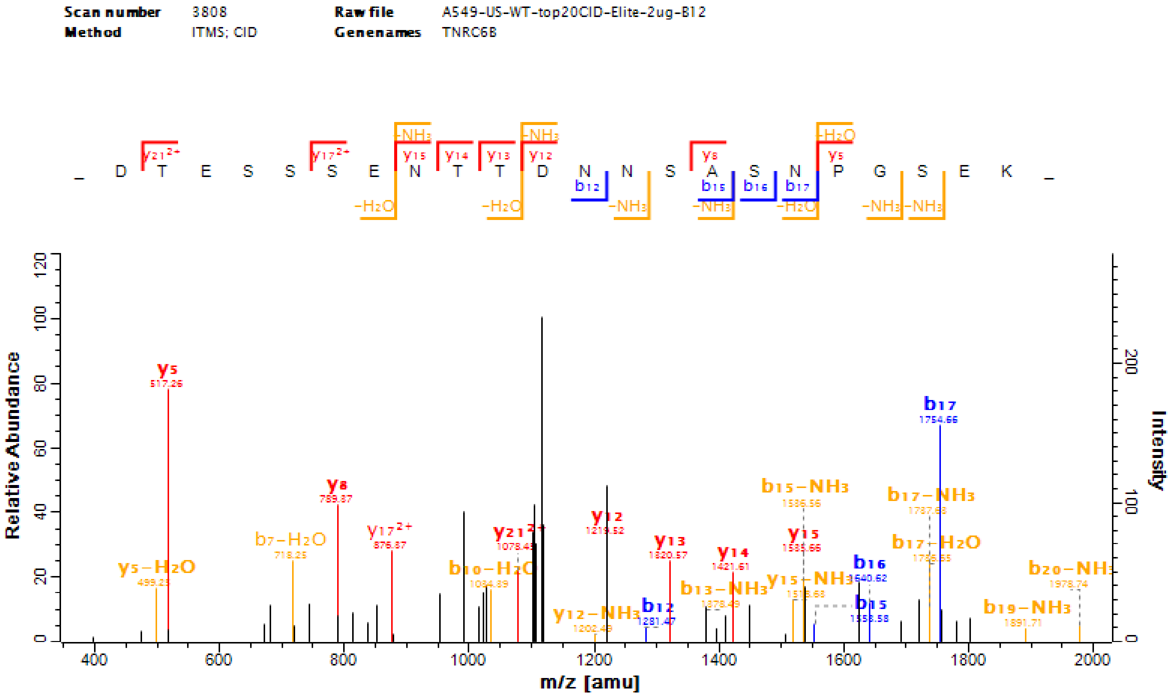
Protein Group ID: 5165
Protein Accession Numbers: Q9ULI1
Gene Names: KIAA1239
Peptide Sequence: IHDLCDLFINLLNESSLQR
Total Number of Spectra: 2
Number of Replicates (out of 8): 1
Best Match Score: 73.983
Best Match Posterior Error Probability: 0.0016788
Best Match Spectrum:



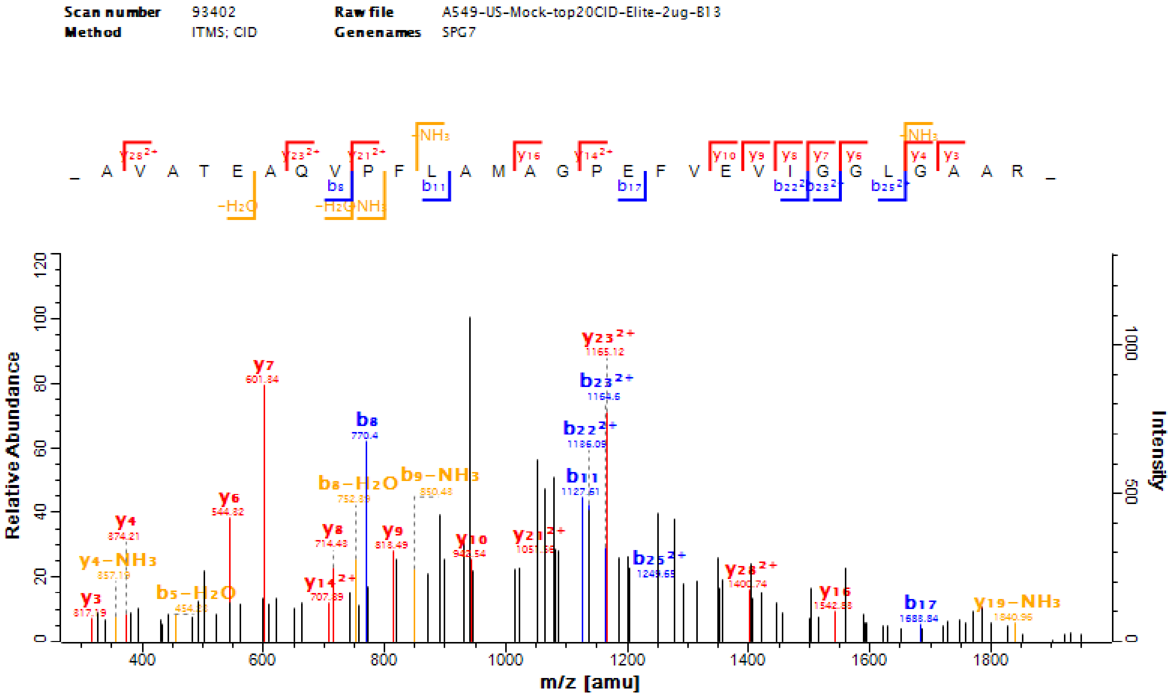
Protein Group ID: 5191
Protein Accession Numbers: Q9UNX3
Gene Names: RPL26L1
Peptide Sequence: YKEELIEK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 128.86
Best Match Posterior Error Probability: 0.0076547
Best Match Spectrum:



Protein Group ID: 5195
Protein Accession Numbers: Q9UPQ9; Q9UPQ9-1
Gene Names: TNRC6B
Peptide Sequence: DTESSSENTTDNNSASNPGSEK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 70.453
Best Match Posterior Error Probability: 0.00081396
Best Match Spectrum:

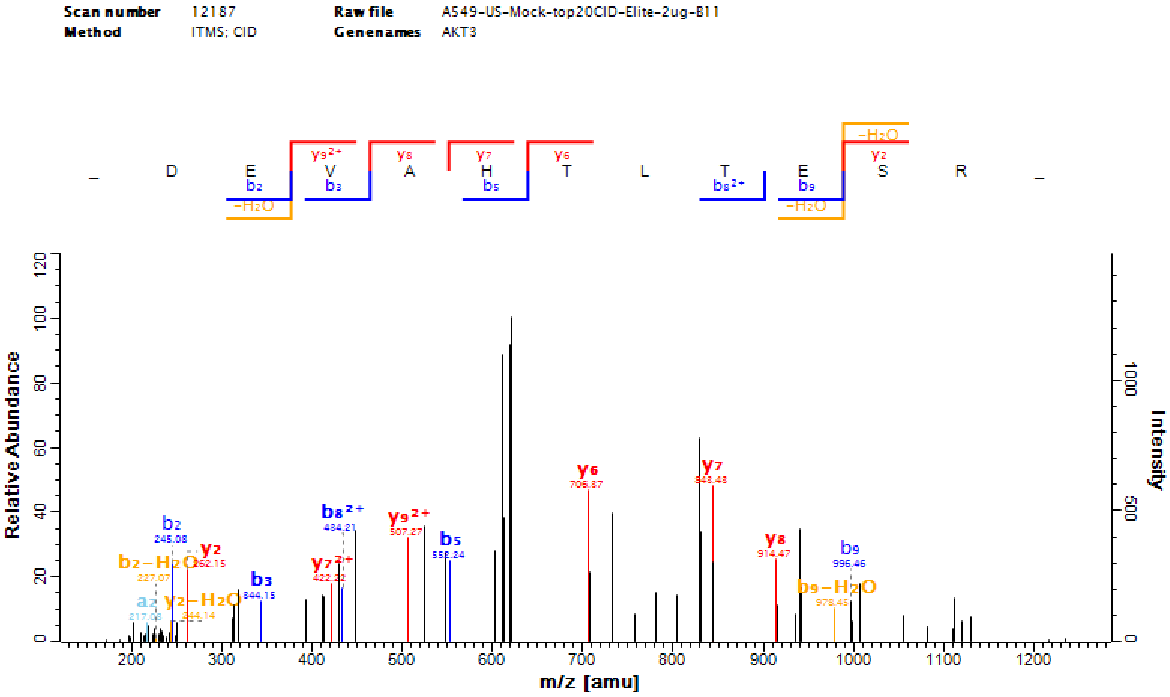


Protein Group ID: 5201
Protein Accession Numbers: Q9UQ90; Q9UQ90-2
Gene Names: SPG7
Peptide Sequence: AVATEAQVPFLAMAGPEFVEVIGGLGAAR
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 51.966
Best Match Posterior Error Probability: 0.0016313
Best Match Spectrum:

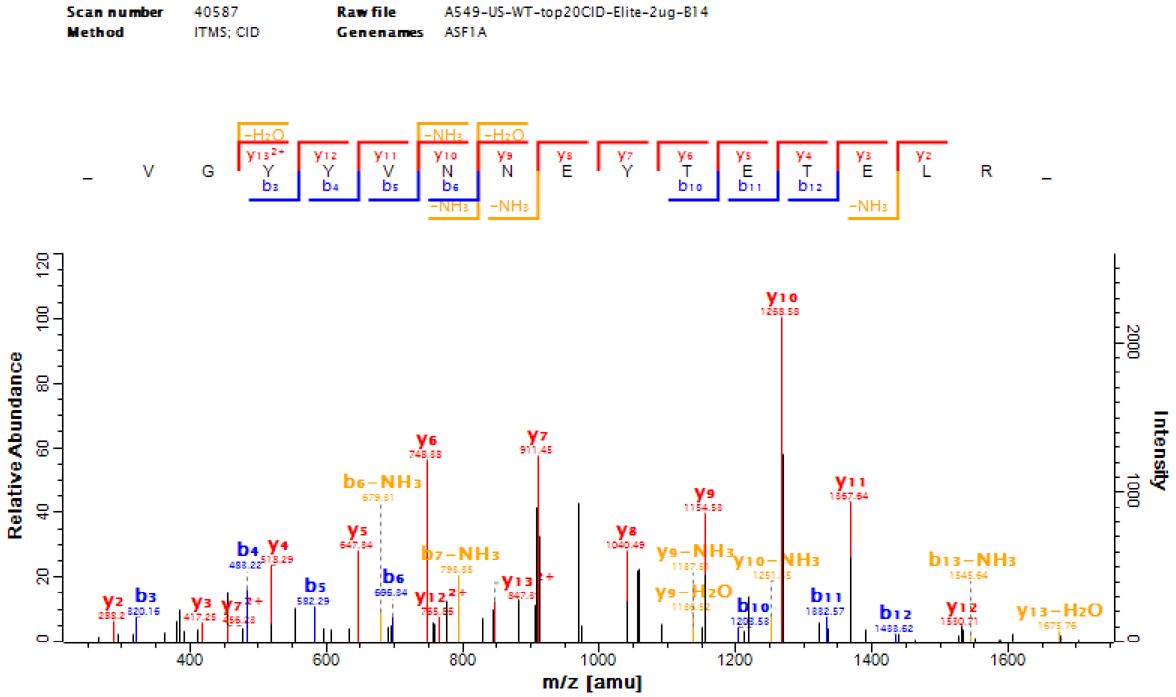


Scan number 93402
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B13
Genenames SPG7

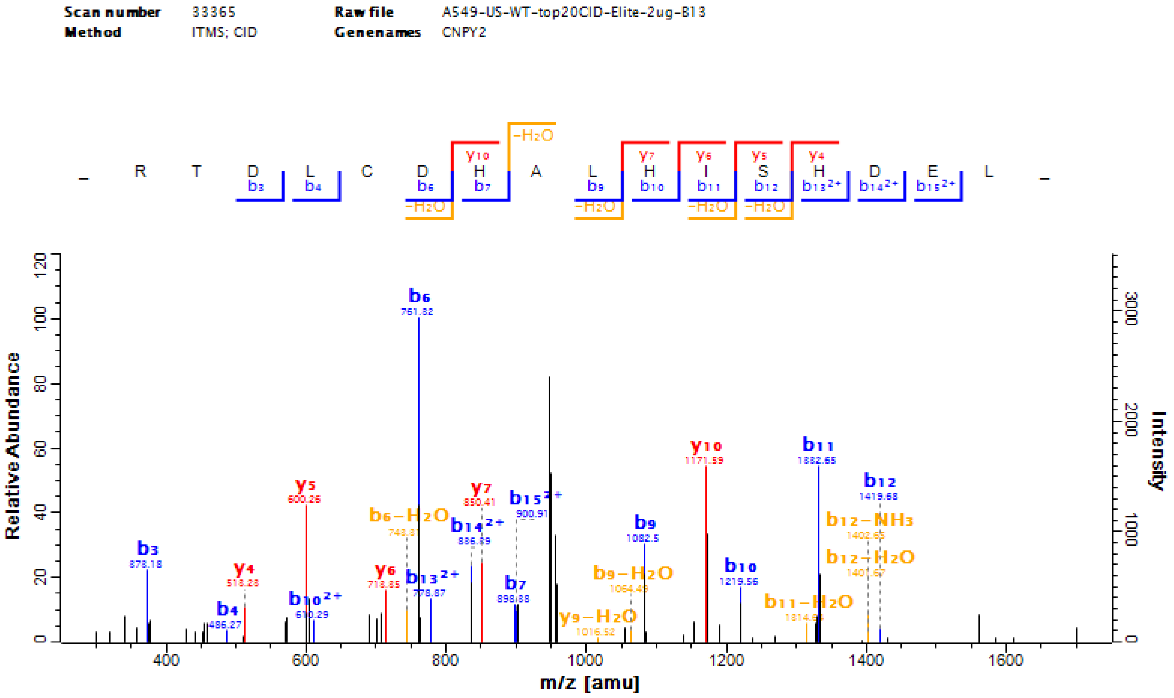
Protein Group ID: 5209
Protein Accession Numbers: Q9Y243; Q9Y243-2
Gene Names: AKT3
Peptide Sequence: DEVAHTLTESR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 82.417
Best Match Posterior Error Probability: 0.003201
Best Match Spectrum:



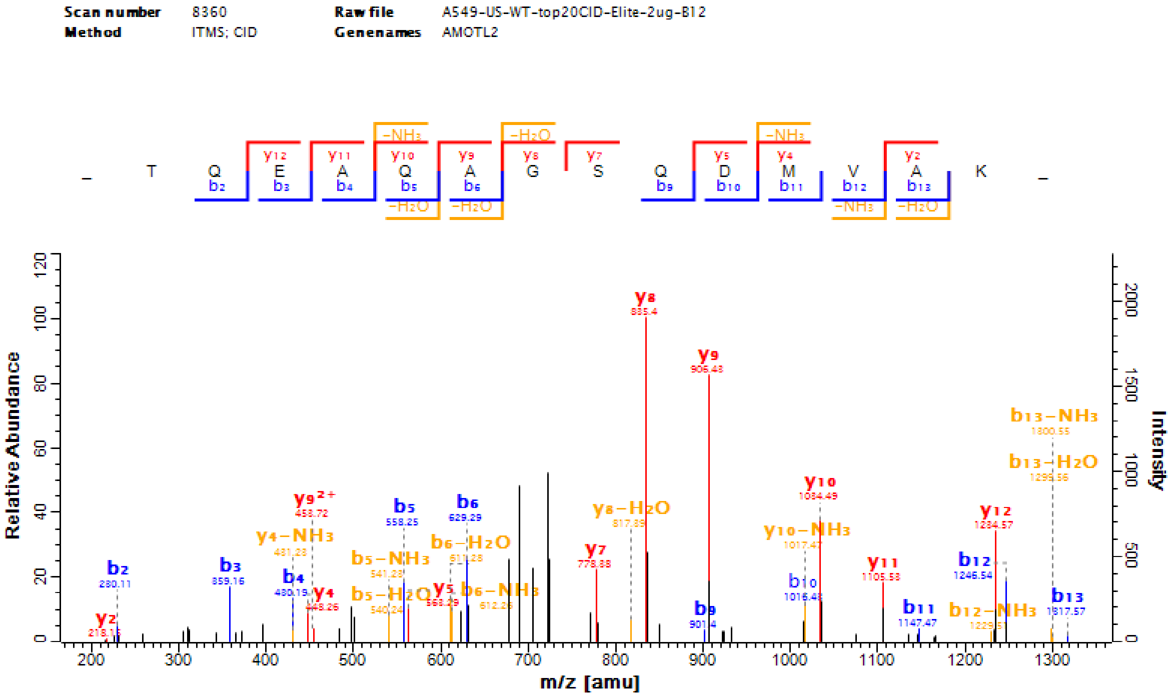
Protein Group ID: 5222
Protein Accession Numbers: Q9Y294
Gene Names: ASF1A
Peptide Sequence: VGYYVNNEYTETELR
Total Number of Spectra: 6
Number of Replicates (out of 8): 5
Best Match Score: 148.57
Best Match Posterior Error Probability: 1.04E-06
Best Match Spectrum:



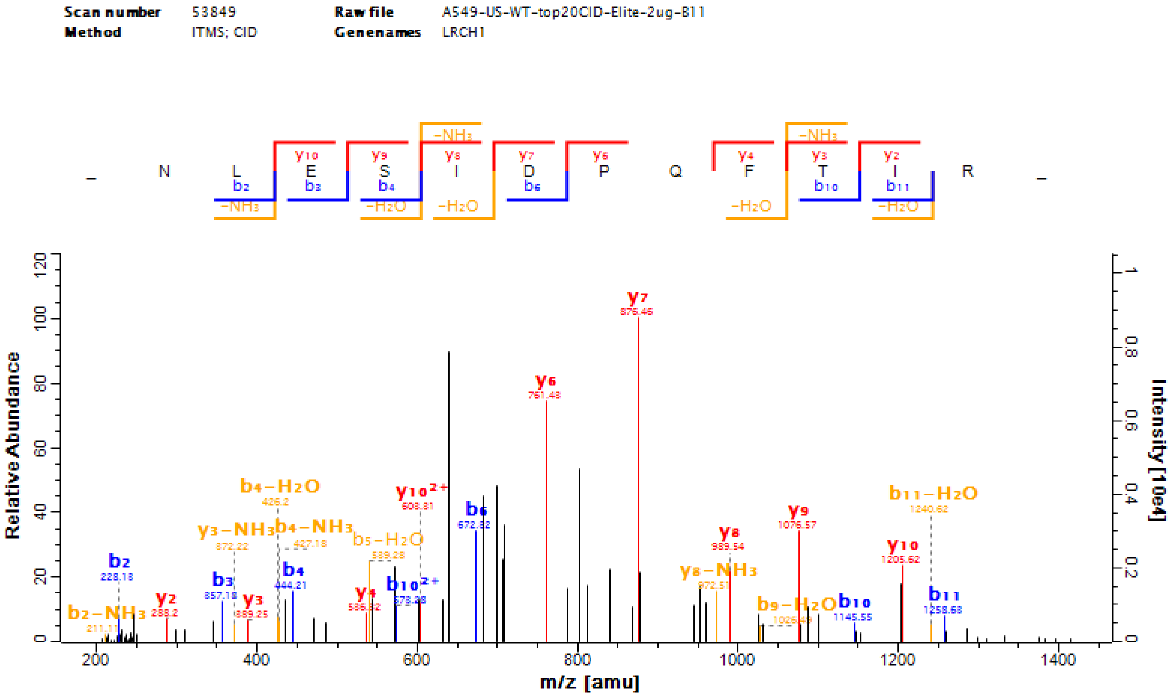
Protein Group ID: 5225
Protein Accession Numbers: Q9Y2B0; H0YI18
Gene Names: CNPY2
Peptide Sequence: RTDLCDHALHISHDEL
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 115.68
Best Match Posterior Error Probability: 0.00022537
Best Match Spectrum:



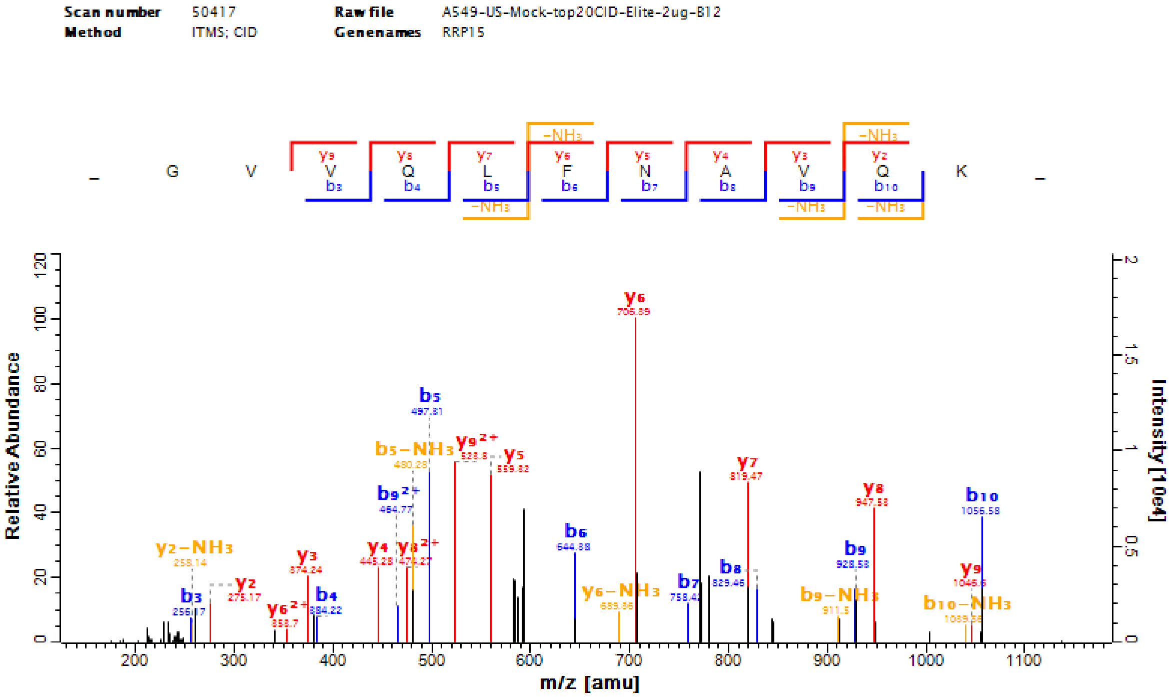
Protein Group ID: 5228
Protein Accession Numbers: Q9Y2J4-4; Q9Y2J4-2; Q9Y2J4; Q9Y2J4-3
Gene Names: AMOTL2
Peptide Sequence: TQEAQAGSQDMVAK
Total Number of Spectra: 7
Number of Replicates (out of 8): 6
Best Match Score: 163.64
Best Match Posterior Error Probability: 1.03E-09
Best Match Spectrum:



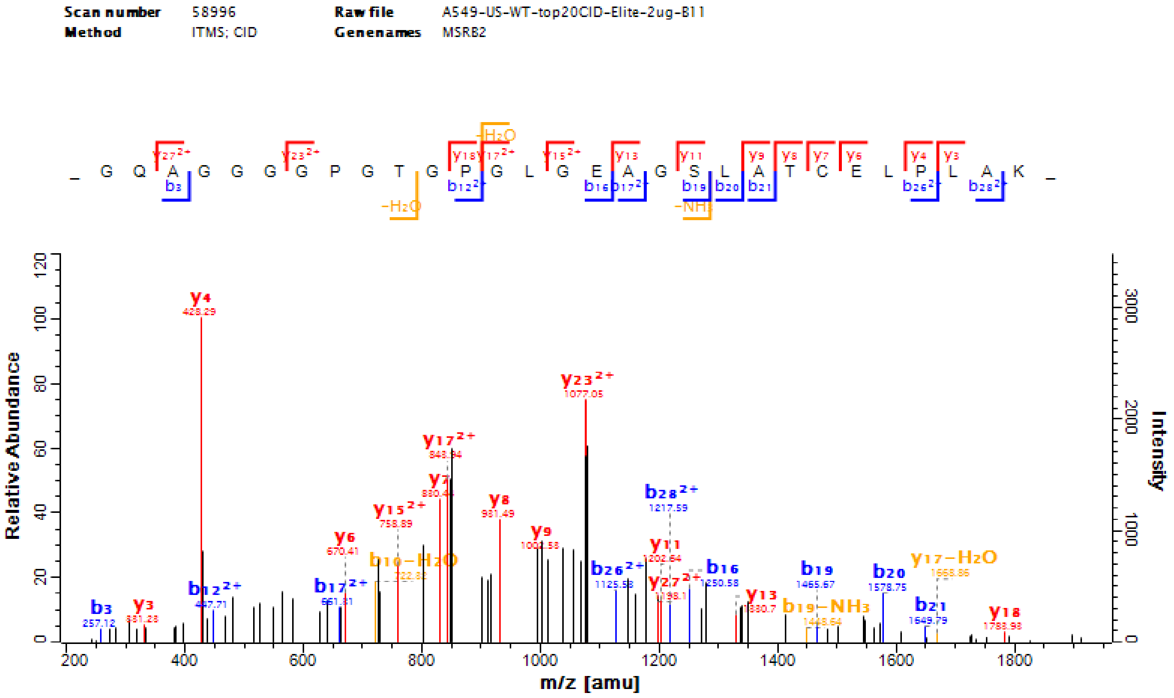
Protein Group ID: 5230
Protein Accession Numbers: Q9Y2L9-3; Q9Y2L9; Q9Y2L9-2
Gene Names: LRCH1
Peptide Sequence: NLESIDPQFTIR
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 117.03
Best Match Posterior Error Probability: 0.0001701
Best Match Spectrum:



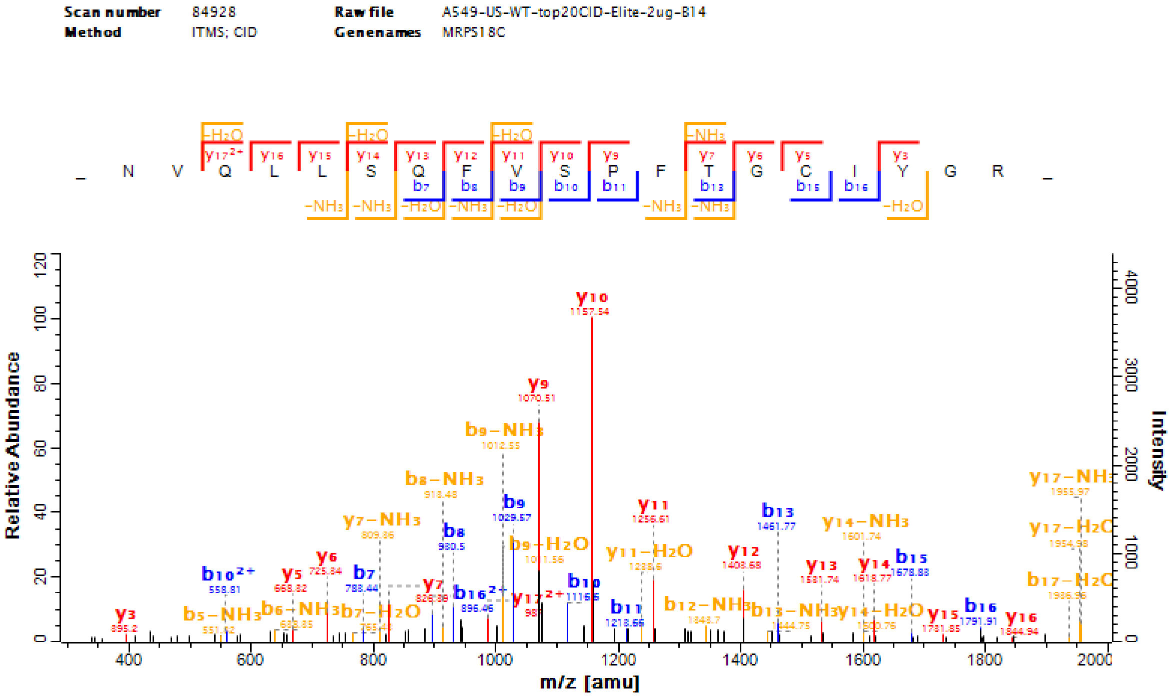
Protein Group ID: 5264
Protein Accession Numbers: Q9Y3B9
Gene Names: RRP15
Peptide Sequence: GVVQLFNAVQK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 185.61
Best Match Posterior Error Probability: 4.37E-10
Best Match Spectrum:



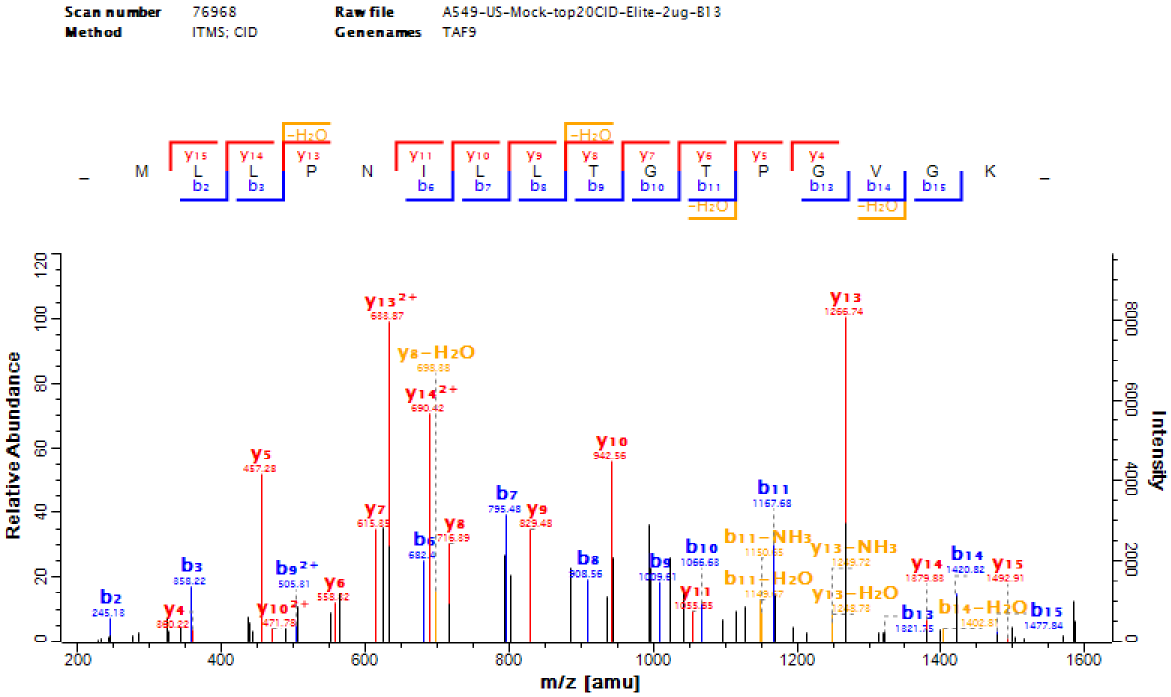
Protein Group ID: 5270
Protein Accession Numbers: Q9Y3D2
Gene Names: MSRB2
Peptide Sequence: GQAGGGGPGTGPGLGEAGSLATCELPLAK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 63.893
Best Match Posterior Error Probability: 0.00010306
Best Match Spectrum:



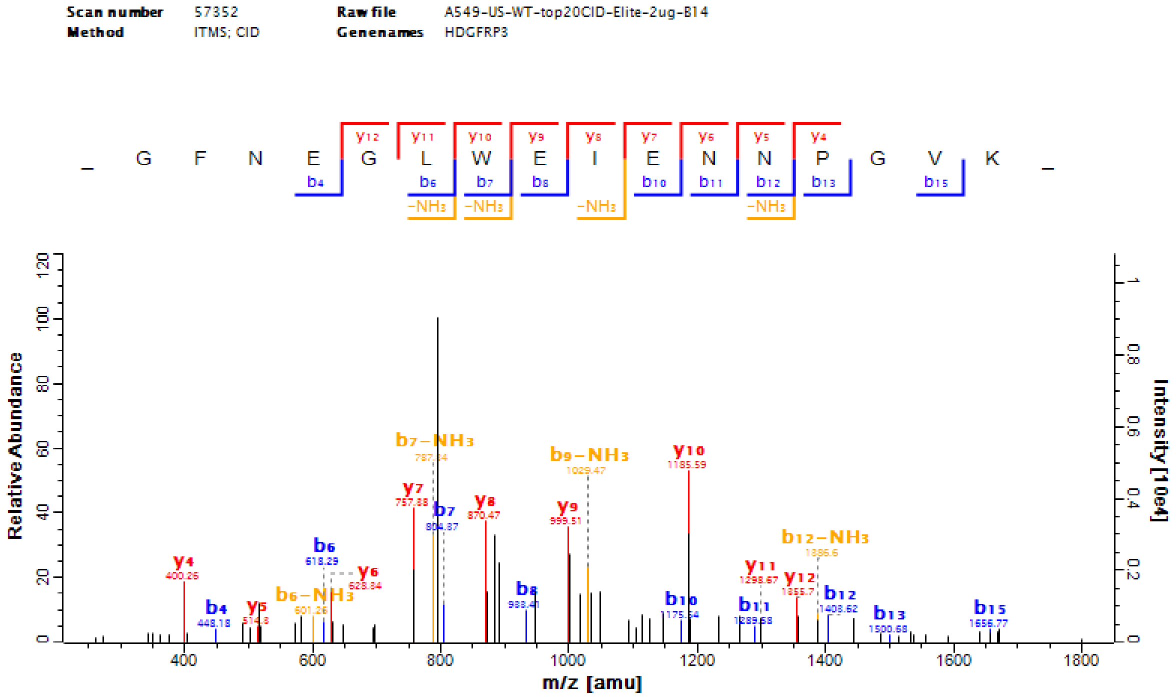
Protein Group ID: 5272
Protein Accession Numbers: Q9Y3D5
Gene Names: MRPS18C
Peptide Sequence: NVQLLSQFVSPFTGCIYGR
Total Number of Spectra: 18
Number of Replicates (out of 8): 8
Best Match Score: 187.39
Best Match Posterior Error Probability: 2.14E-23
Best Match Spectrum:



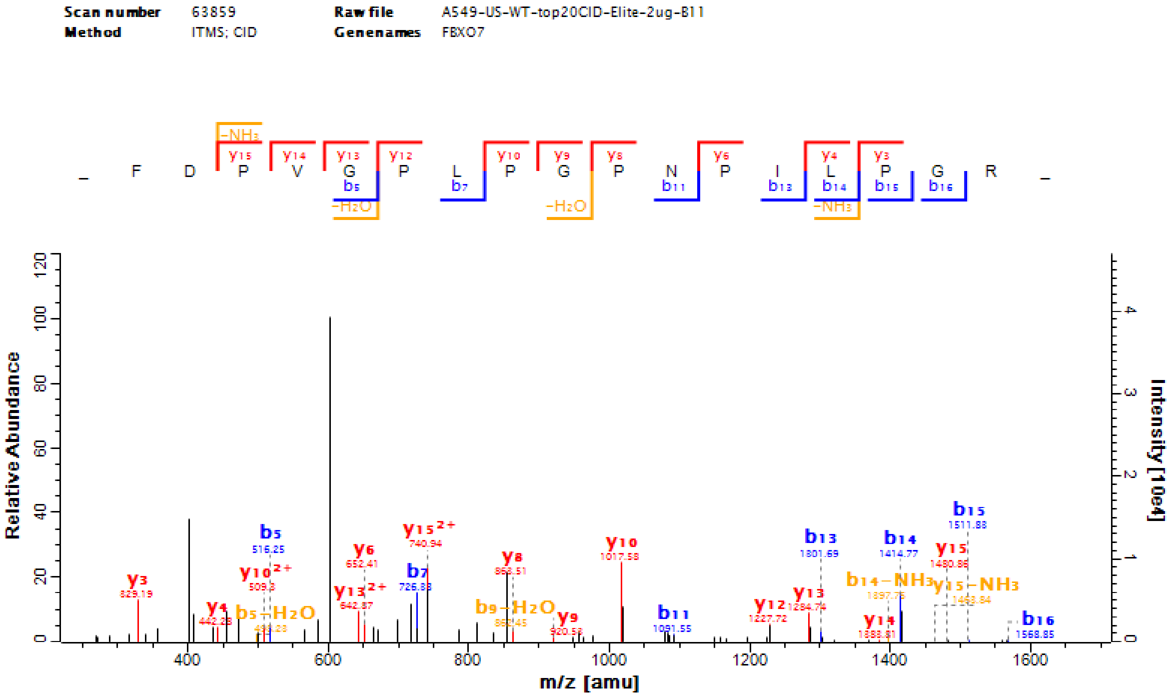
Protein Group ID: 5274
Protein Accession Numbers: Q9Y3D8
Gene Names: TAF9
Peptide Sequence: MLLPNILLTGTPGVGK
Total Number of Spectra: 10
Number of Replicates (out of 8): 8
Best Match Score: 170.78
Best Match Posterior Error Probability: 4.68E-14
Best Match Spectrum:



Protein Group ID: 5276
Protein Accession Numbers: Q9Y3E1; H3BTV7; H3BPM9
Gene Names: HDGFRP3
Peptide Sequence: GFNEGLWEIENNPGVK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 83.758
Best Match Posterior Error Probability: 0.0013463
Best Match Spectrum:

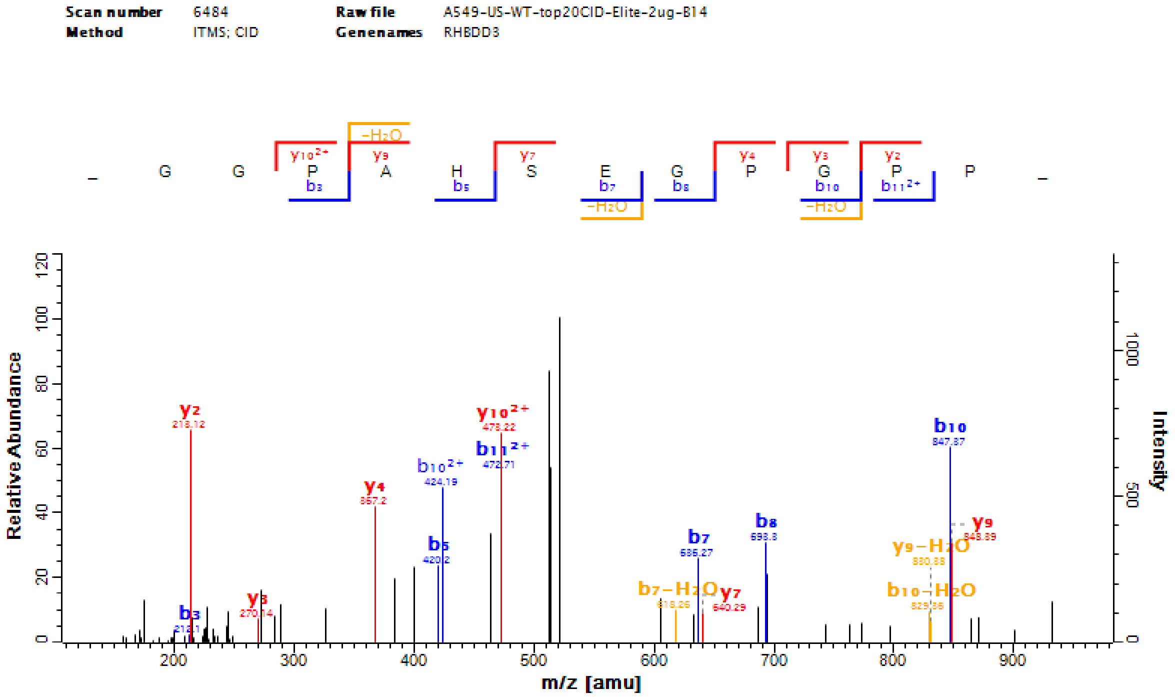


Protein Group ID: 5280
Protein Accession Numbers: Q9Y3I1; Q9Y3I1-2; Q9Y3I1-3
Gene Names: FBXO7
Peptide Sequence: FDPVGPLPGPNPILPGR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 109.07
Best Match Posterior Error Probability: 0.00010596
Best Match Spectrum:

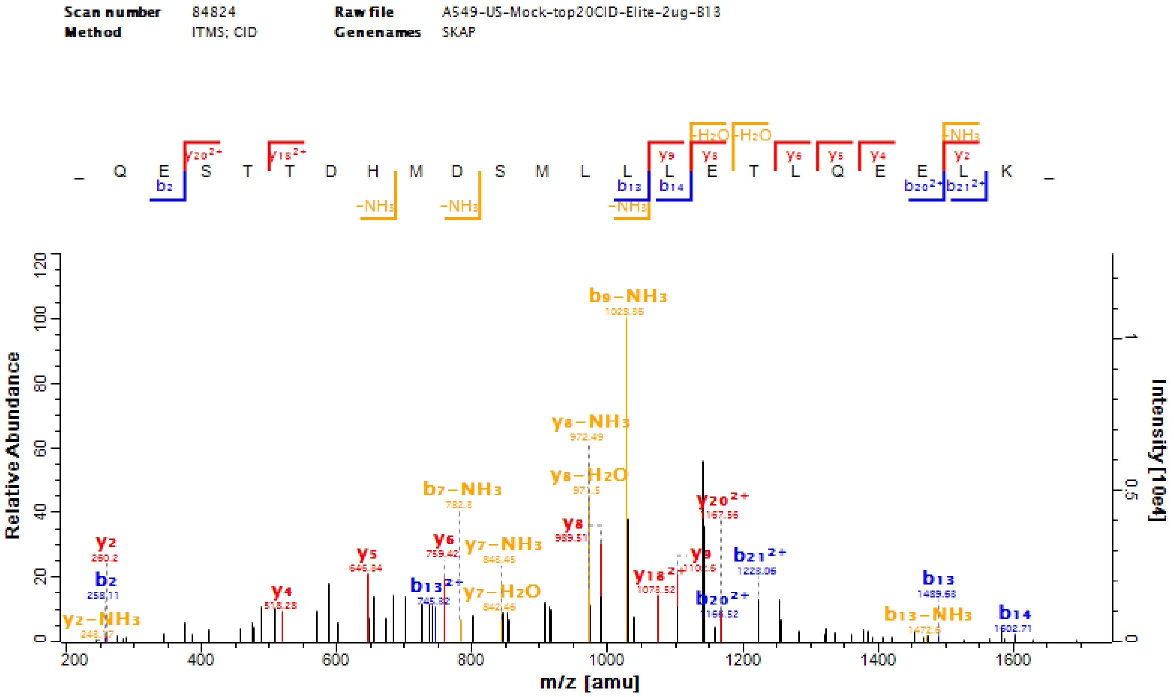


Scan number 63859 **Raw file** A549-US-WT-top20CID-Elite-2ug-B11
Method ITMS; CID **Genenames** FBXO7

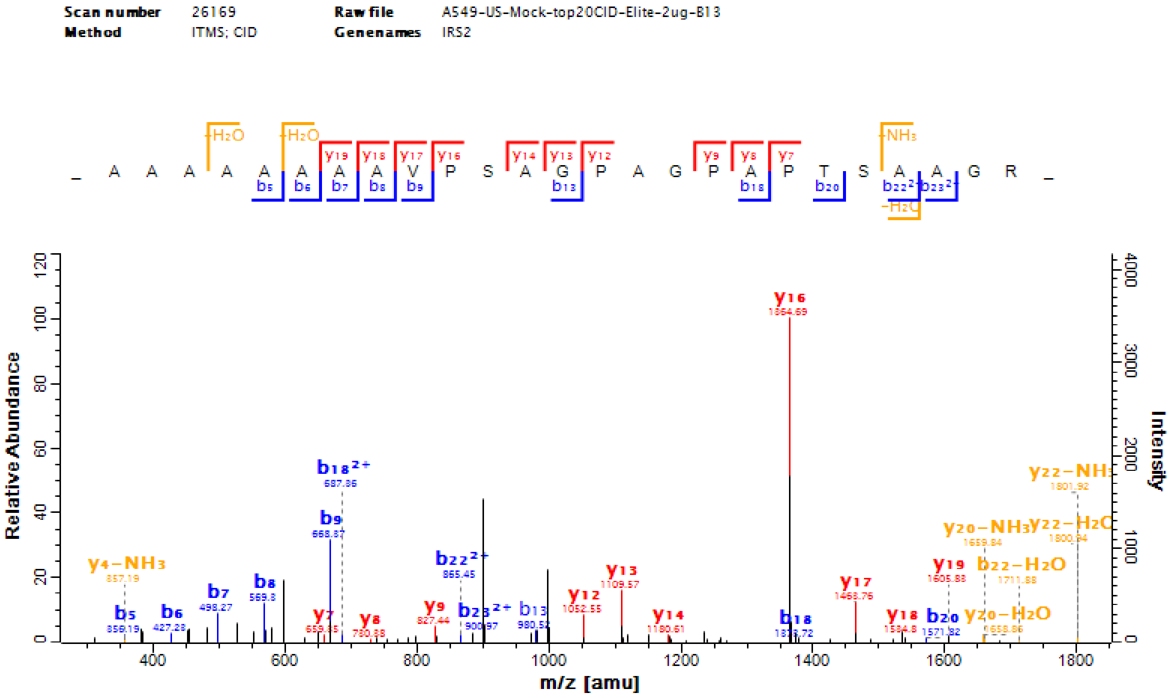
Protein Group ID: 5282
Protein Accession Numbers: Q9Y3P4
Gene Names: RHBDD3
Peptide Sequence: GGPAHSEGPGPP
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 85.29
Best Match Posterior Error Probability: 0.0021588
Best Match Spectrum:



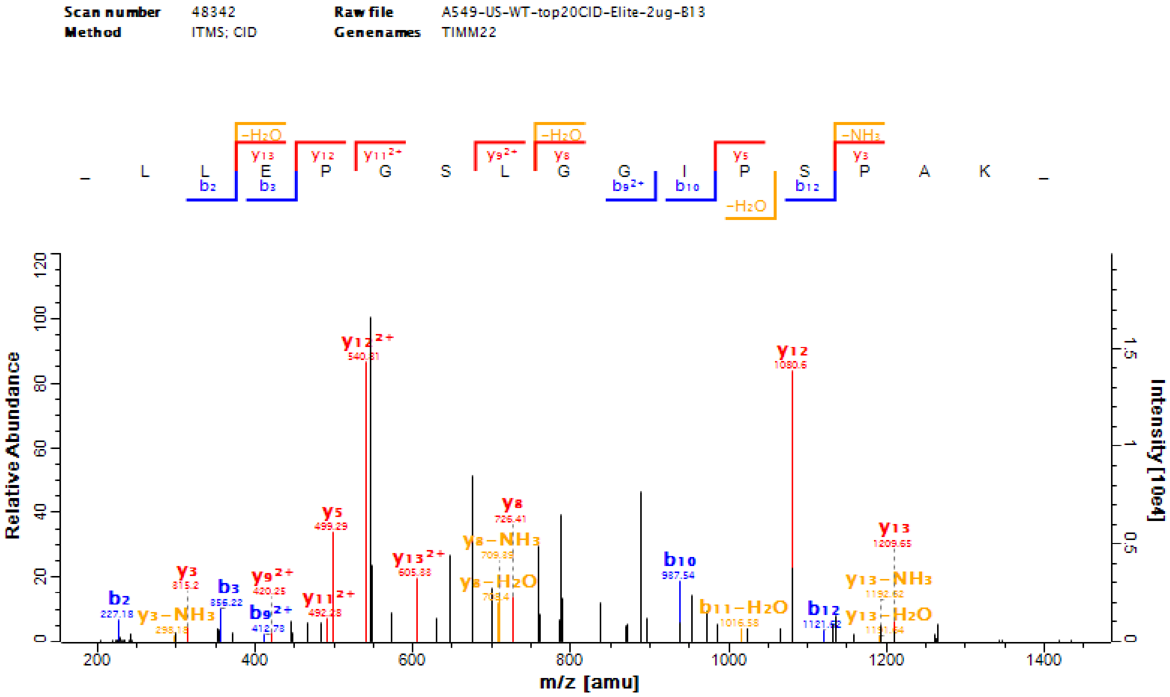
Protein Group ID: 5291
Protein Accession Numbers: Q9Y448; Q9Y448-2
Gene Names: SKAP
Peptide Sequence: QESTTDHMDSMLLLETLQEELK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 61.942
Best Match Posterior Error Probability: 0.0026576
Best Match Spectrum:



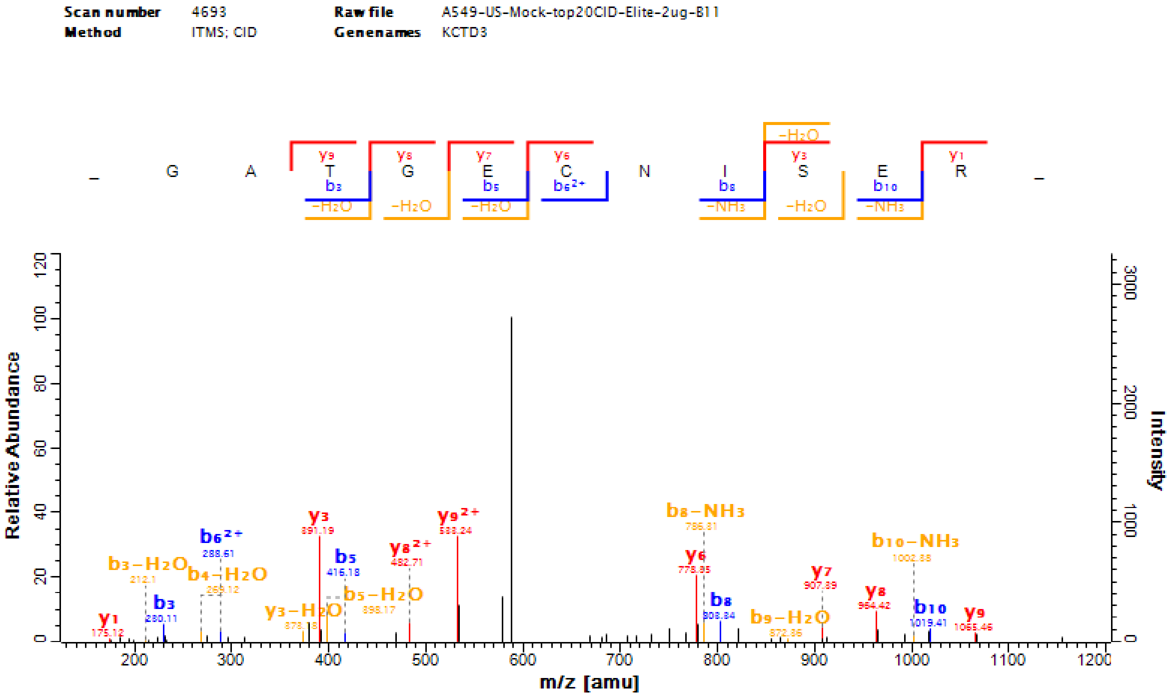
Protein Group ID: 5300
Protein Accession Numbers: Q9Y4H2
Gene Names: IRS2
Peptide Sequence: AAAAAAAAVPSAGPAGPAPTSAAGR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 67.88
Best Match Posterior Error Probability: 0.00048812
Best Match Spectrum:



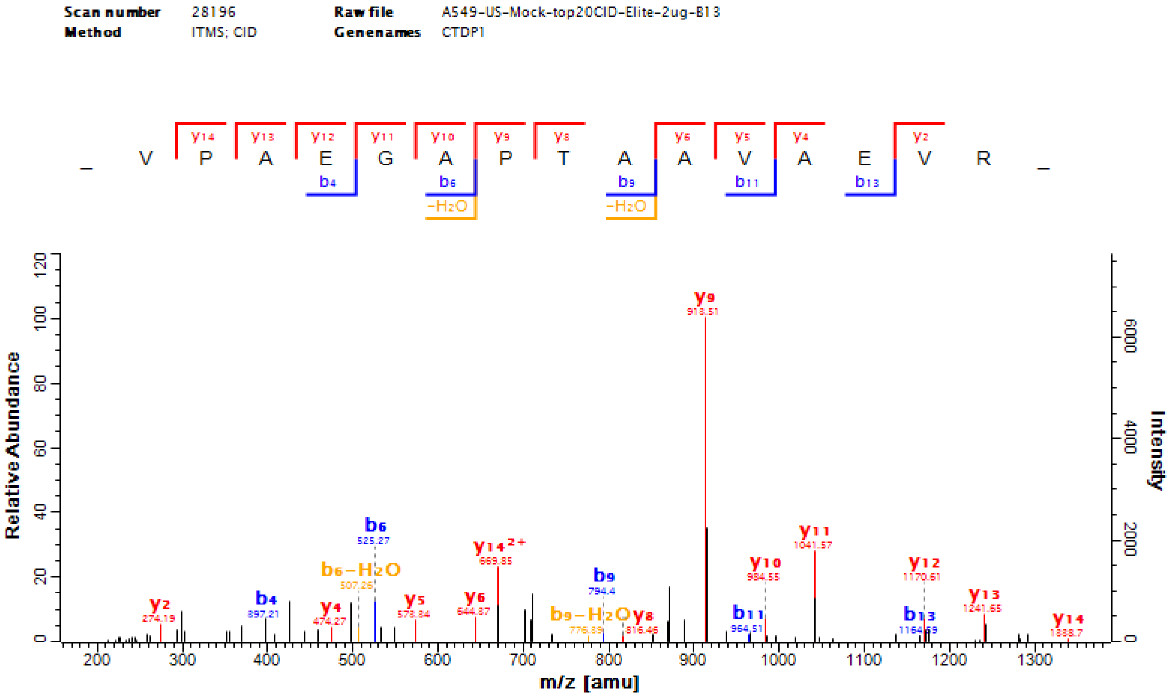
Protein Group ID: 5312
Protein Accession Numbers: Q9Y584
Gene Names: TIMM22
Peptide Sequence: LLEPGSLGGIPSPAK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 92.295
Best Match Posterior Error Probability: 0.00066259
Best Match Spectrum:



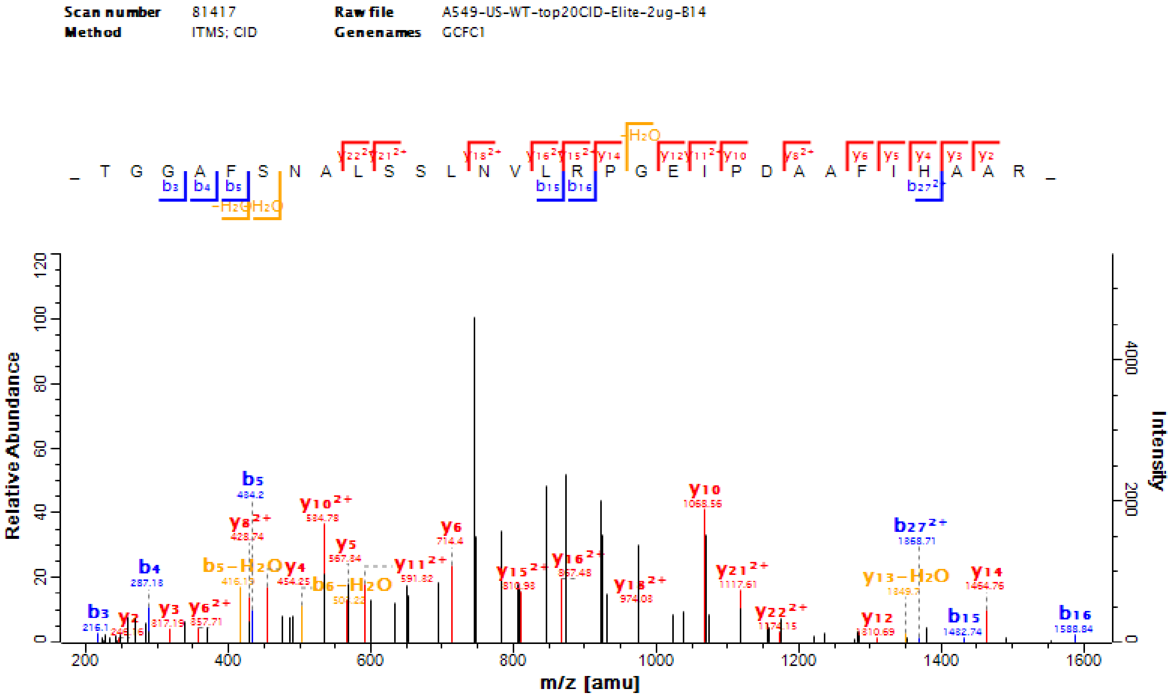
Protein Group ID: 5313
Protein Accession Numbers: Q9Y597; Q9Y597-2; Q9Y597-3
Gene Names: KCTD3
Peptide Sequence: GATGECNISER
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 90.913
Best Match Posterior Error Probability: 0.0013828
Best Match Spectrum:



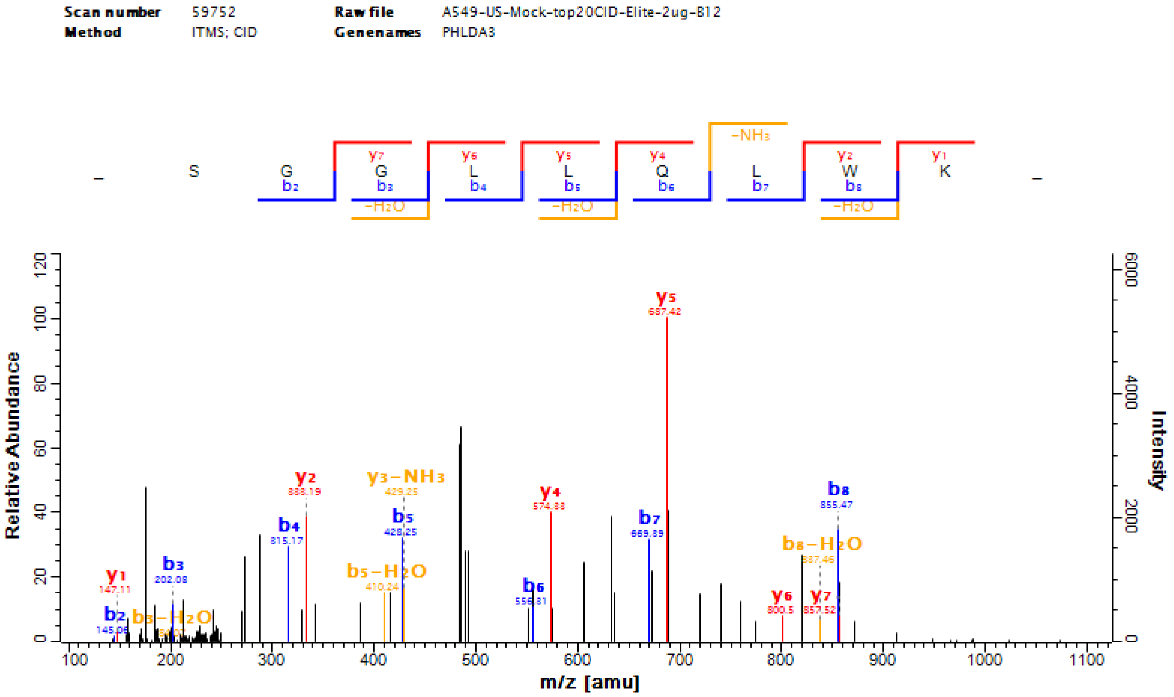
Protein Group ID: 5315
Protein Accession Numbers: Q9Y5B0; Q9Y5B0-4
Gene Names: CTDP1
Peptide Sequence: VPAEGAPTAAVAEVR
Total Number of Spectra: 4
Number of Replicates (out of 8): 4
Best Match Score: 94.487
Best Match Posterior Error Probability: 0.00051249
Best Match Spectrum:



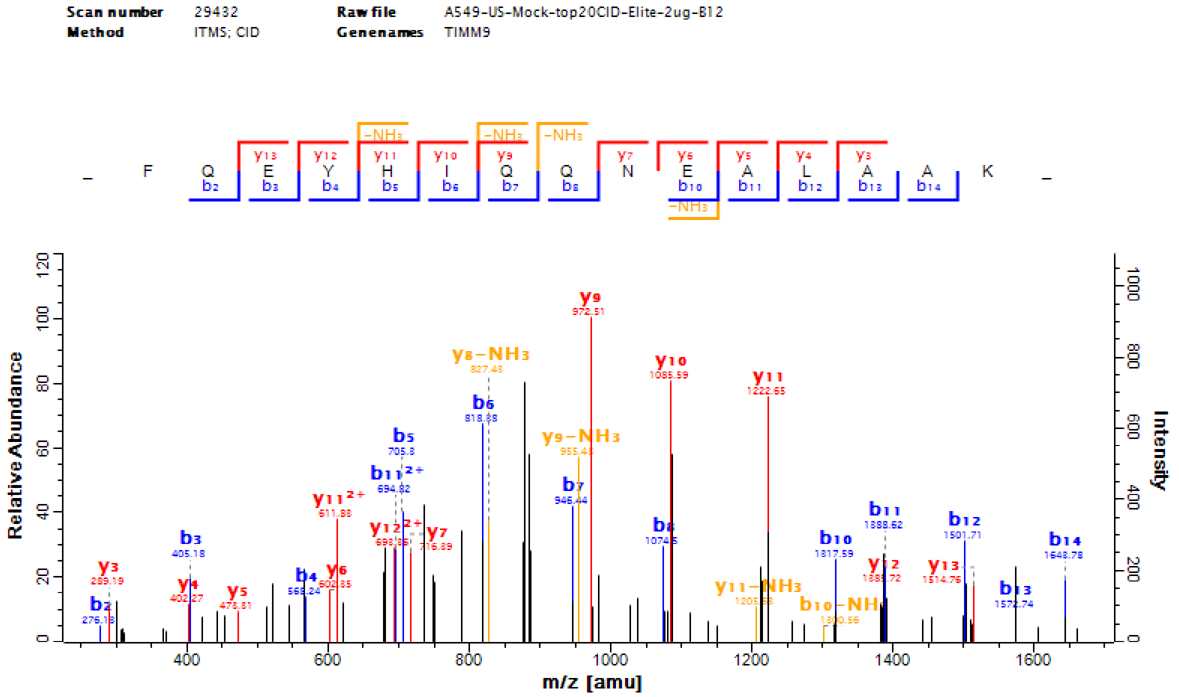
Protein Group ID: 5316
Protein Accession Numbers: Q9Y5B6; Q9Y5B6-2; Q9Y5B6-4; Q9Y5B6-3
Gene Names: GCFC1
Peptide Sequence: TGGAFSNALSSLNVLRPGEIPDAAFIHAAR
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 66.372
Best Match Posterior Error Probability: 0.0002344
Best Match Spectrum:



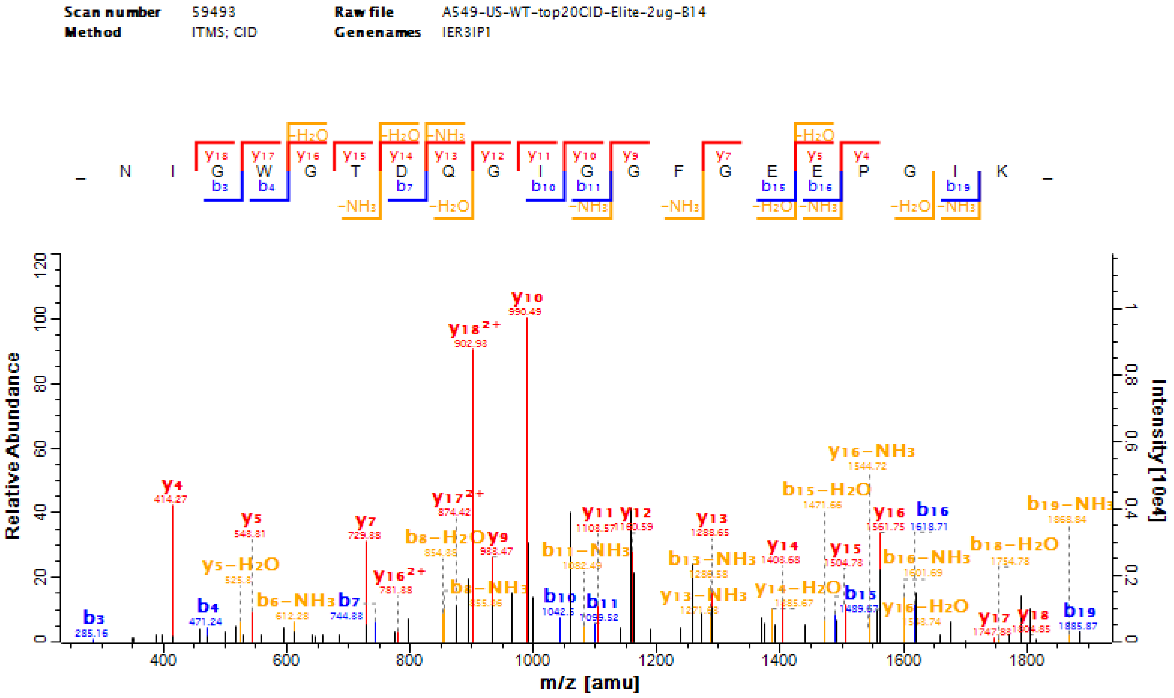
Protein Group ID: 5319
Protein Accession Numbers: Q9Y5J5
Gene Names: PHLDA3
Peptide Sequence: SGGLLQLWK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 88.495
Best Match Posterior Error Probability: 0.0039179
Best Match Spectrum:



Protein Group ID: 5320
Protein Accession Numbers: Q9Y5J7
Gene Names: TIMM9
Peptide Sequence: FQEYHIQQNEALAAK
Total Number of Spectra: 2
Number of Replicates (out of 8): 2
Best Match Score: 132.51
Best Match Posterior Error Probability: 3.01E-05
Best Match Spectrum:

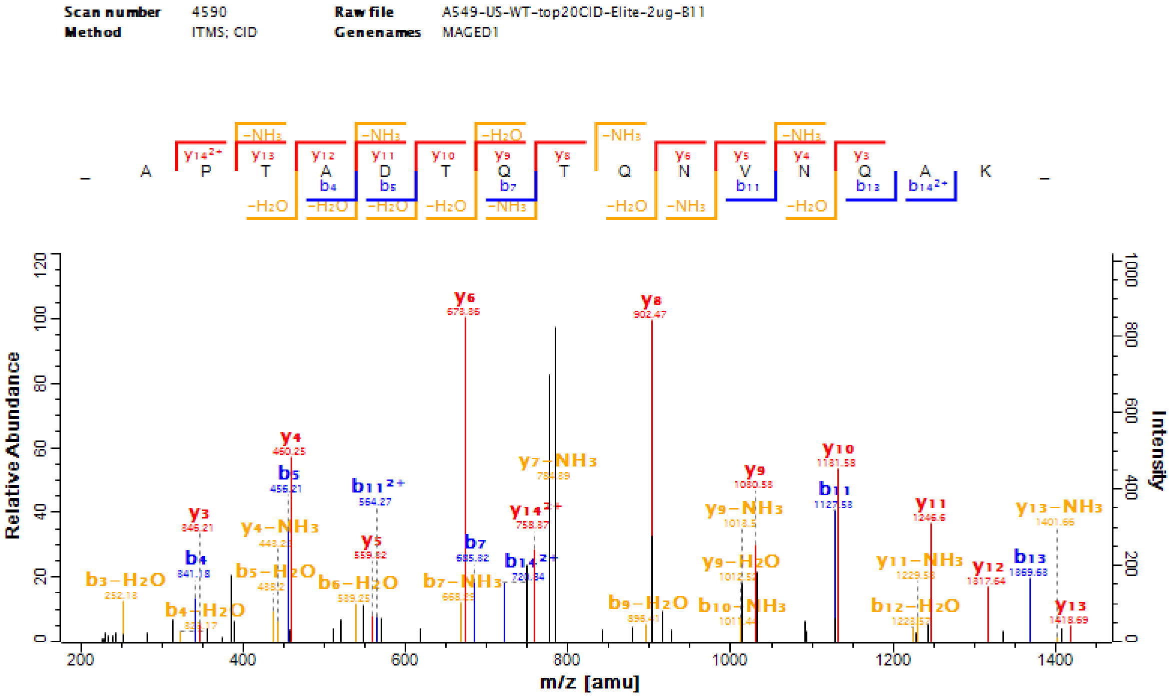


Protein Group ID: 5332
Protein Accession Numbers: Q9Y5U9
Gene Names: IER3IP1
Peptide Sequence: NIGWGTDQGIGGFGEEPGIK
Total Number of Spectra: 3
Number of Replicates (out of 8): 3
Best Match Score: 162.42
Best Match Posterior Error Probability: 6.77E-12
Best Match Spectrum:

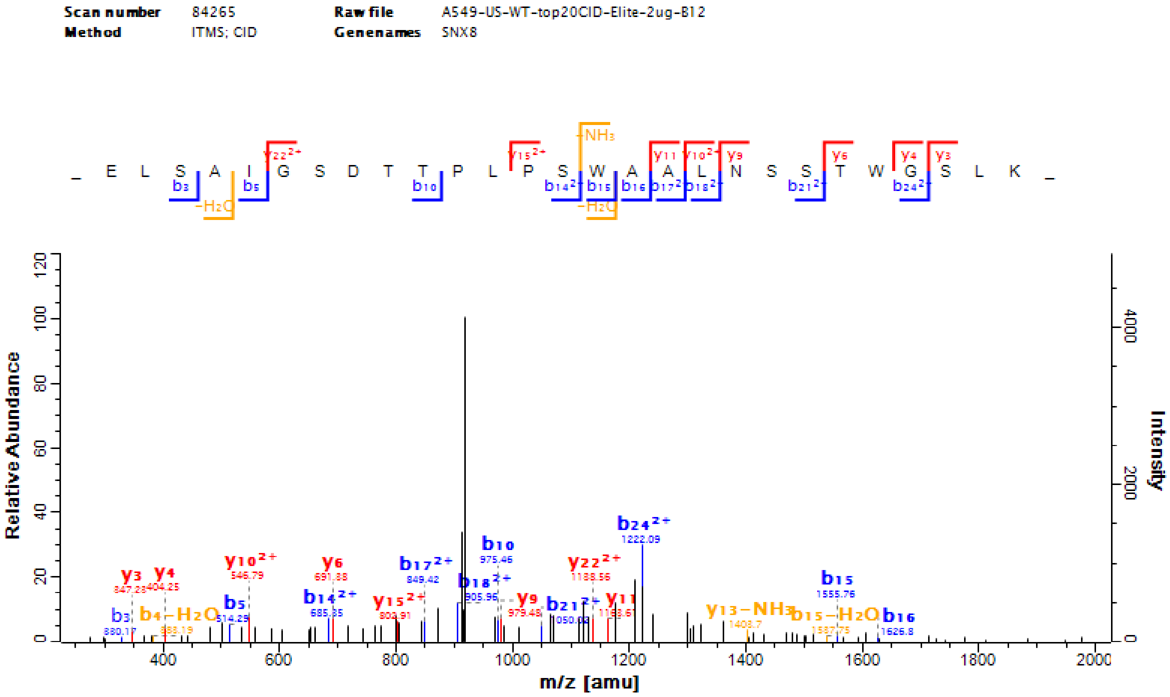


Scan number 59493 **Raw file** A549-US-WT-top20CID-Elite-2ug-B14
Method ITMS; CID **Genenames** IER3IP1

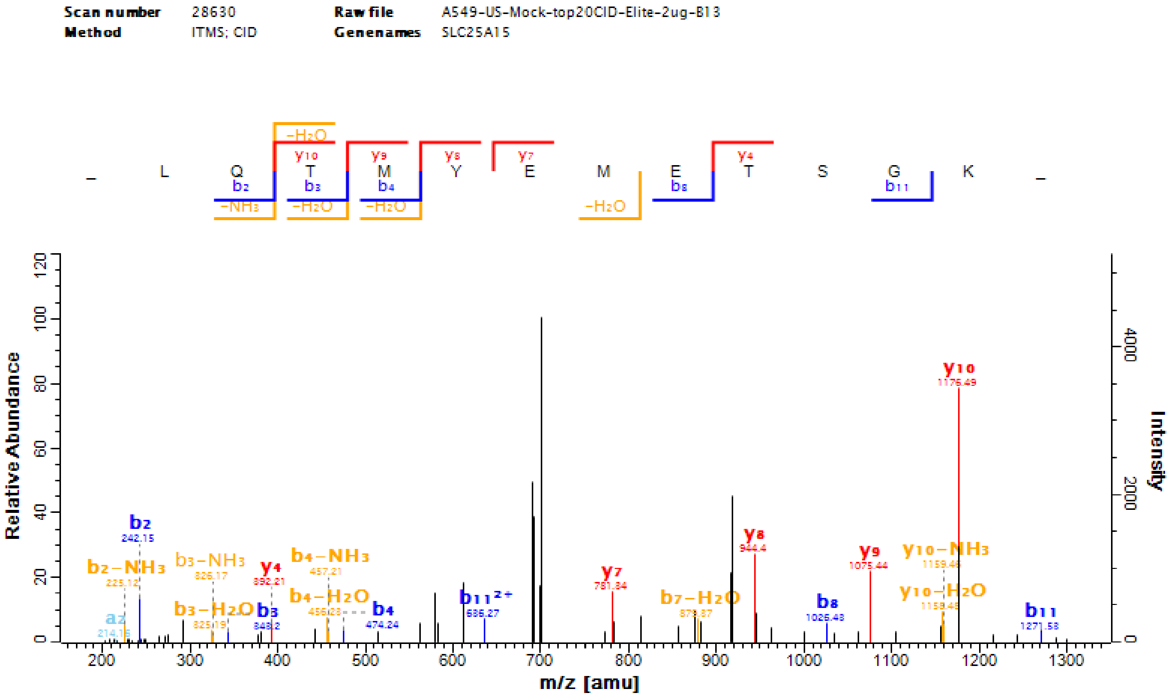
Protein Group ID: 5333
Protein Accession Numbers: Q9Y5V3-2; Q9Y5V3
Gene Names: MAGED1
Peptide Sequence: APTADTQTQNVNQAK
Total Number of Spectra: 7
Number of Replicates (out of 8): 7
Best Match Score: 157.2
Best Match Posterior Error Probability: 1.96E-09
Best Match Spectrum:



Protein Group ID: 5335
Protein Accession Numbers: Q9Y5X2
Gene Names: SNX8
Peptide Sequence: ELSAIGSDTTPLPSWAALNSSTWGSLK
Total Number of Spectra: 1
Number of Replicates (out of 8): 1
Best Match Score: 57.802
Best Match Posterior Error Probability: 0.001323
Best Match Spectrum:



Protein Group ID: 5341
Protein Accession Numbers: Q9Y619
Gene Names: SLC25A15
Peptide Sequence: LQTMYEMETSGK
Total Number of Spectra: 5
Number of Replicates (out of 8): 5
Best Match Score: 113.61
Best Match Posterior Error Probability: 0.00021508
Best Match Spectrum:



Scan number 28630
Method ITMS; CID
Raw file A549-US-Mock-top20CID-Elite-2ug-B13
Genenames SLC25A15