

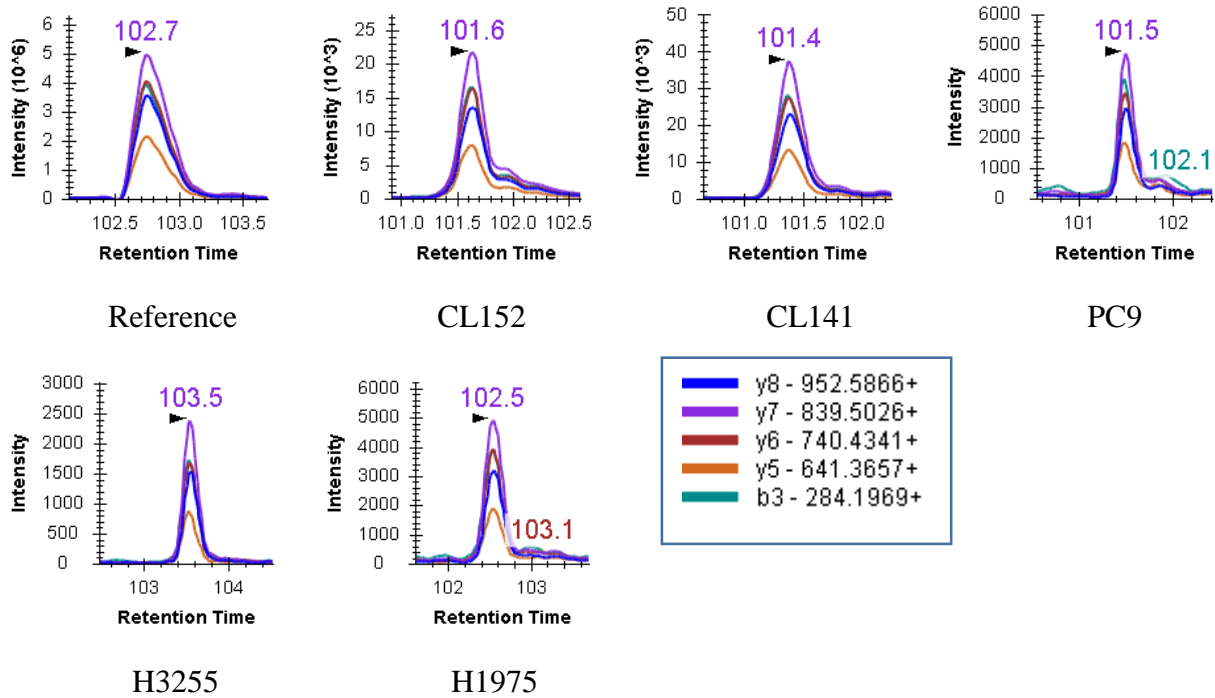
Figures for Supporting Information

Figure S3. MRM spectral evidences for the 10 validated peptides corresponding to the 8 missing proteins (1-8). Reference indicates spectrum from synthetic peptide while others corresponds to MRM spectra from Hp-RP fractionated NSCLC cell lines membrane samples. The MRM mass spectra for additional three missing proteins (i-iii) not further validated are also shown.

1) Missing Protein: TEX261

Peptide sequence: LGILVVFSFIK

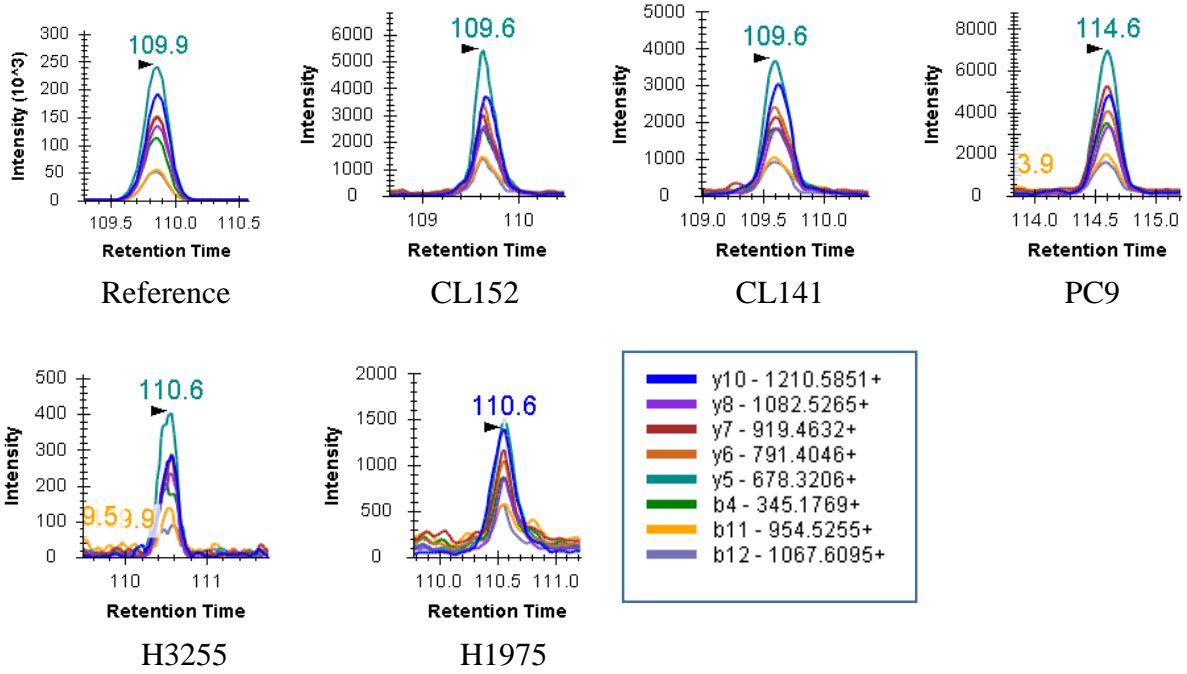
Hp-RP fraction: F5



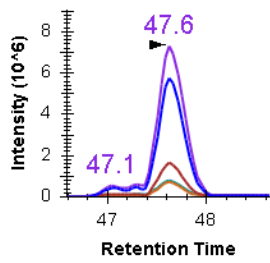
2) Missing Protein: TMEM14B

Peptide sequence: TGSVPSLAAGLLFGSLAGLGAYQLYQDPR

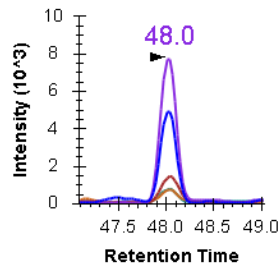
Hp-RP fraction: F5



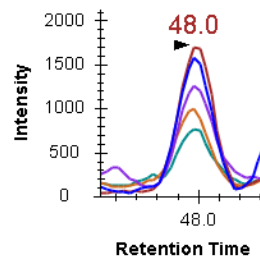
3) Missing Protein: GPR110
 Peptide sequence 1: VLIGSDQFQR
 Hp-RP fraction: F4



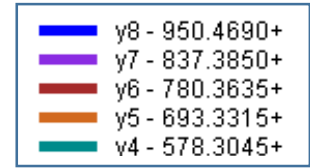
Reference



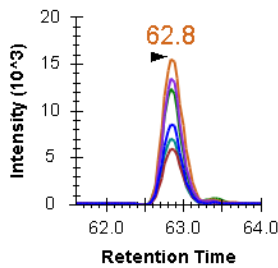
H3255



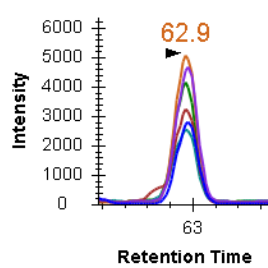
CL152



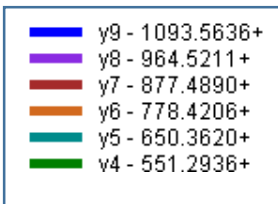
Peptide sequence 2: IQGFESVQVTQFR
 Hp-RP fraction: F4



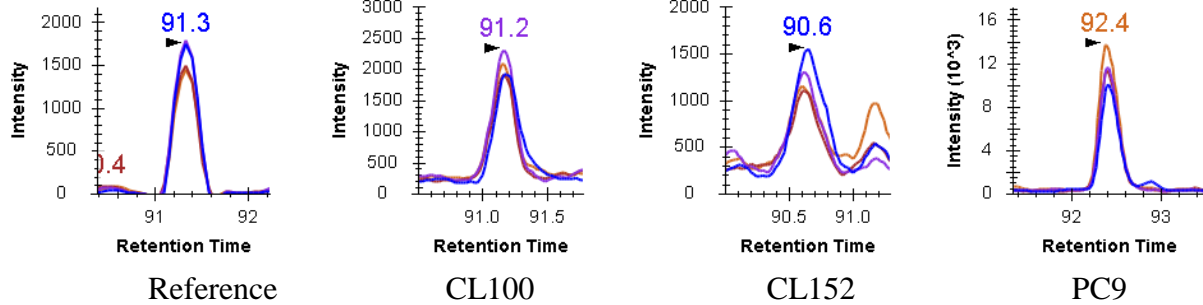
Reference



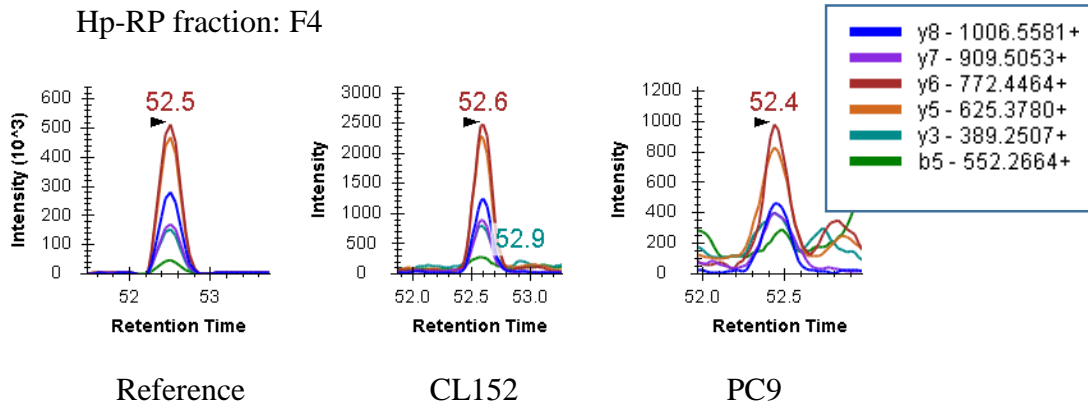
H3255



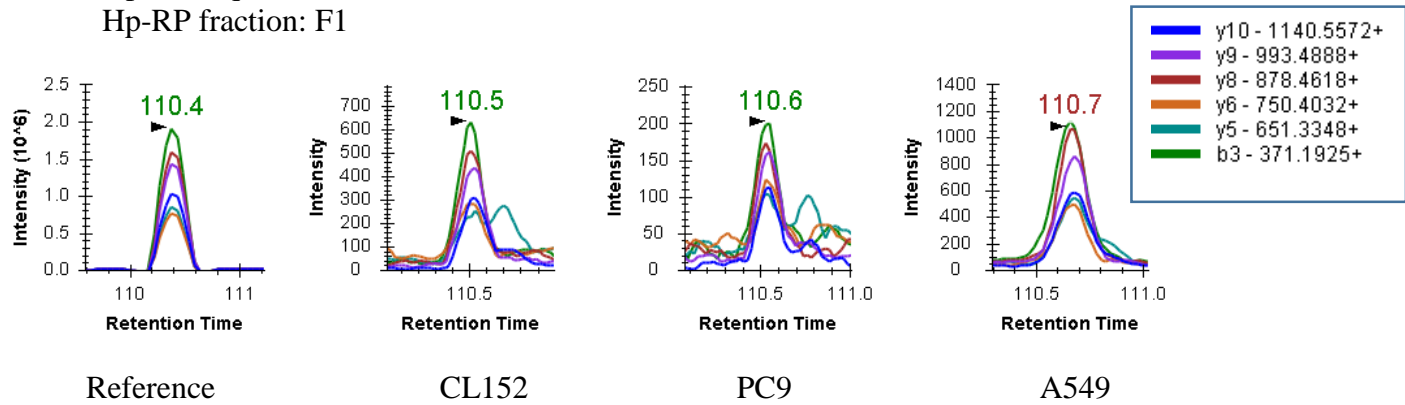
4) Missing Protein: PCDBH6
 Peptide sequence 1: SLDYEALQSFEFR
 Hp-RP Fraction: F4



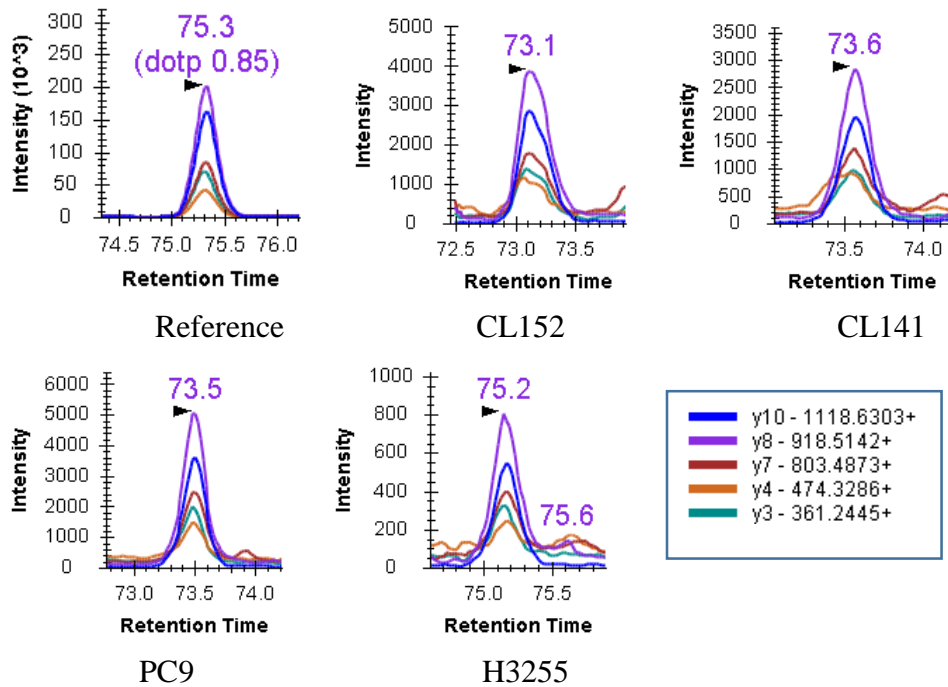
Peptide sequence 2: YTISSNPHFHVLTR
 Hp-RP fraction: F4



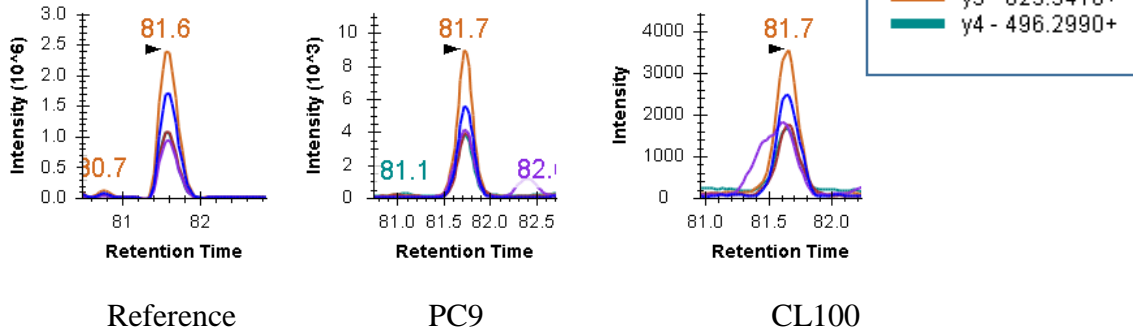
5) Missing TTC16
 Peptide sequence: LQEFDGAVEDFLK
 Hp-RP fraction: F1



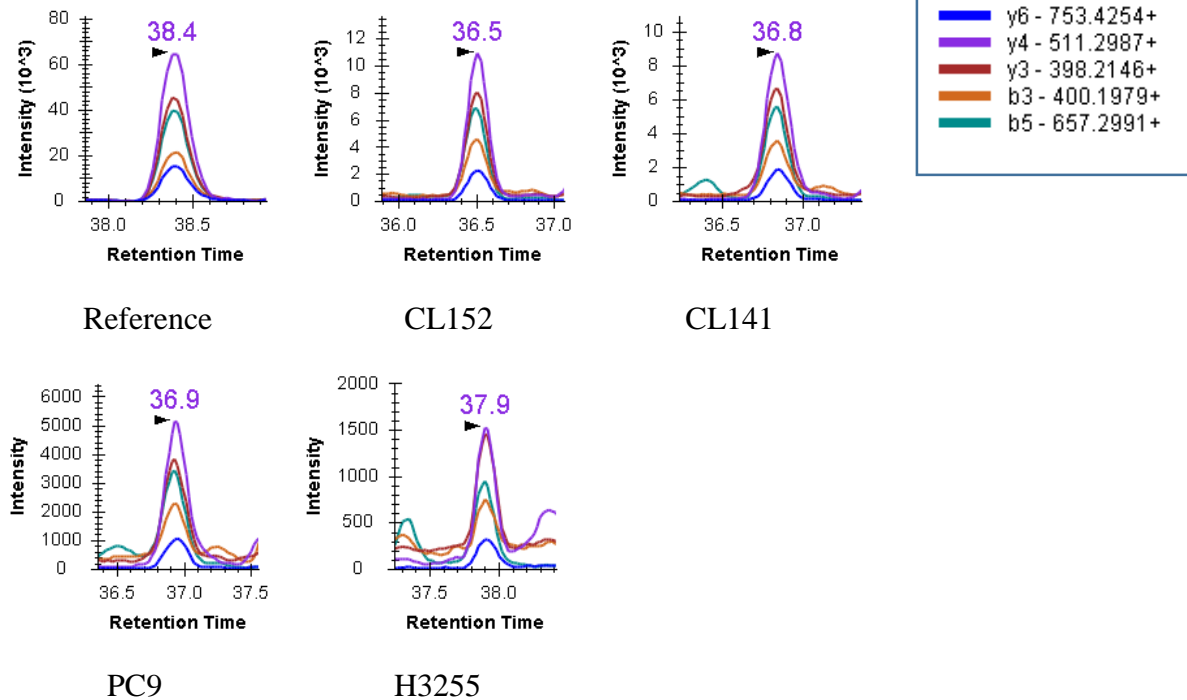
6) Missing Protein: SLC10A3
 Peptide sequence: VTSLDTEVLTIK
 Hp-RP fractions: F3



7) Missing Protein: ST7L
 Peptide sequence: GLSTAEINAVEAIHR
 Hp-RP fraction: F2



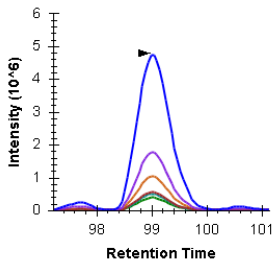
8) Missing Protein: GCNT2
 Peptide sequence: YVHQELLNHK
 Hp-RP fraction: F2



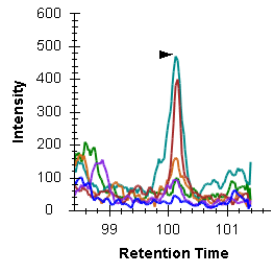
Missing Proteins not validated by MRM

- i. BPIFB3: SVAGDIIDFPK
- ii. TM4SF20: ASSFHFDSEENK
- iii. C19orf29OS: VHAVEEAR and LAEAIVAVR

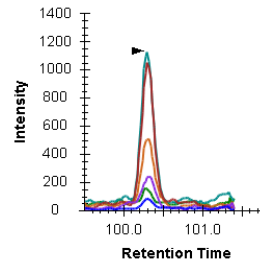
- i) Missing Protein: BPIFB3
Peptide sequence: SVAGDIIDFPK
Hp-RP fraction: F1



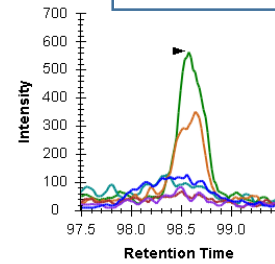
Reference



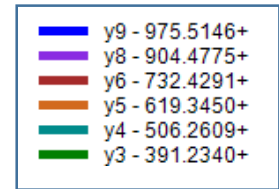
CL152



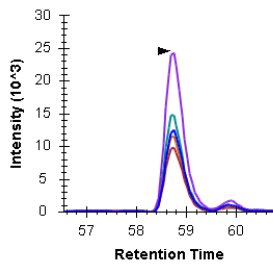
PC9



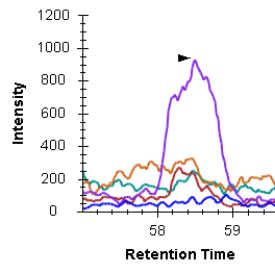
A549



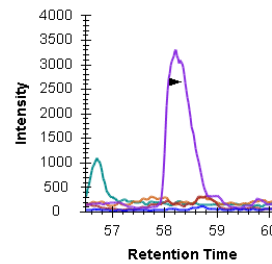
- ii) Missing Protein: TM4SF20
Peptide sequence: ASSFHFDSEENK
Hp-RP fraction: F1



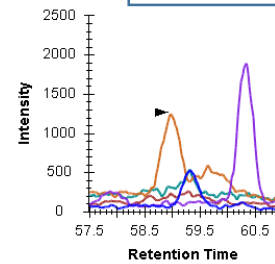
Reference



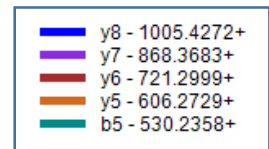
CL152



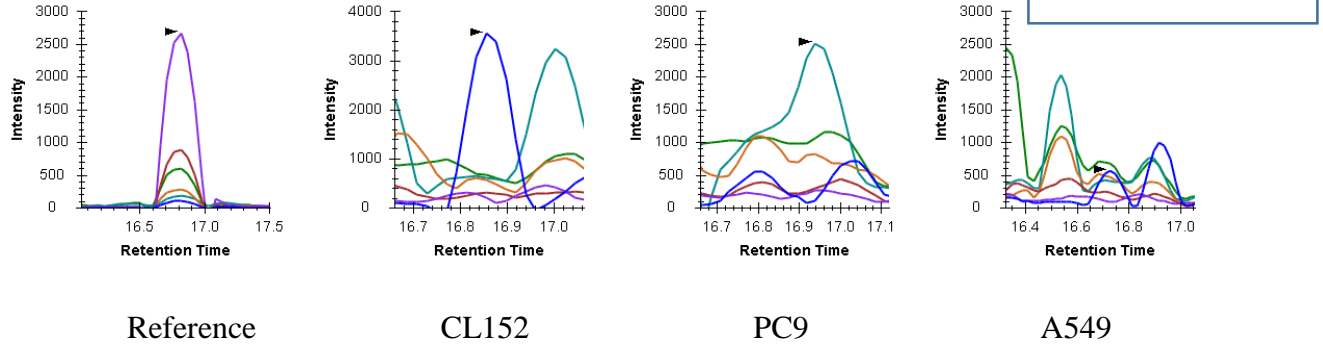
PC9



A549



iii) Missing Protein: C19orf29OS
 Peptide sequence 1: VHAVEEAR
 Hp-RP fraction: F1



Peptide sequence 2: LAAEAVAVR
 Hp-RP fraction: F3

