

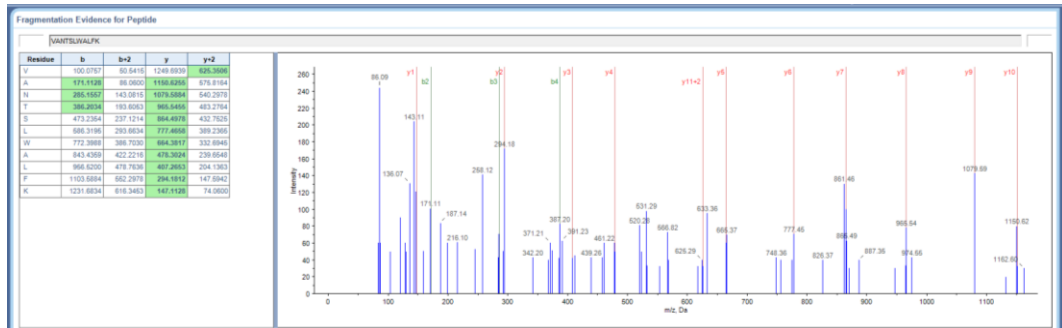
Appendix 2-6

Chapter 2. Exploiting genomic data to identify proteins involved in abalone reproduction.

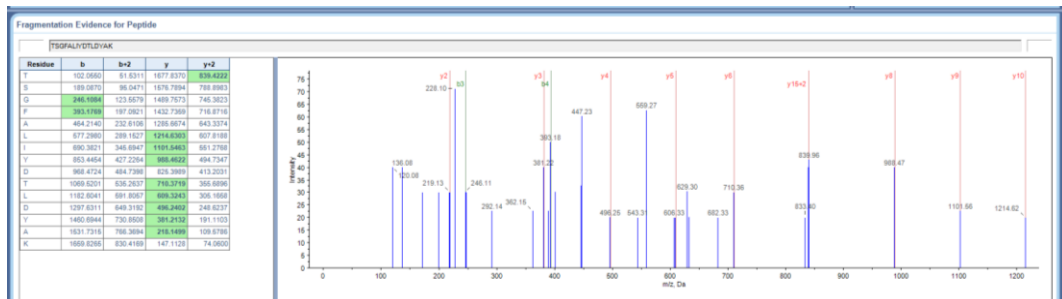
Omar Mendoza-Porras; Natasha A. Botwright; Sean M. McWilliams; Mathew T. Cook; James O. Harris; Gene Wijffels and Michelle L. Colgrave

“ProteinPilot screenshot of mass spectral fragment evidence for female abalone proteins identified using a 99% confidence peptide unless a lower confidence is indicated. The ProteinPilot™ Paragon algorithm with integrated false discovery rate was used. Representative spectra for single peptide identifications and/or modified peptides are presented. Please refer to **Appendix 2-4** for more information regarding m/z, charge and mass error”

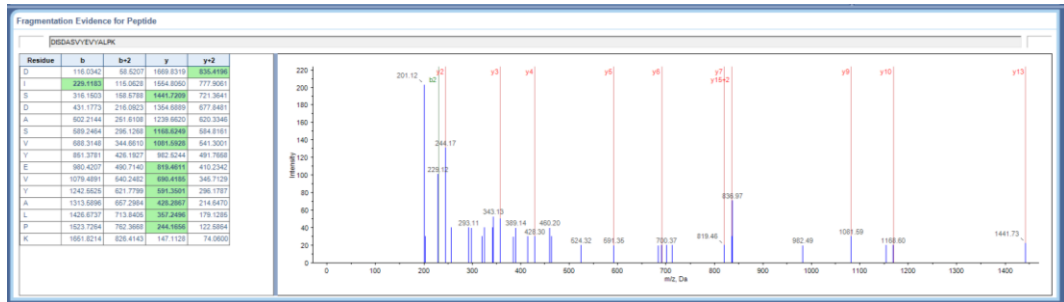
40S ribosomal protein S23. [UniProtKB: A1KYZ5]



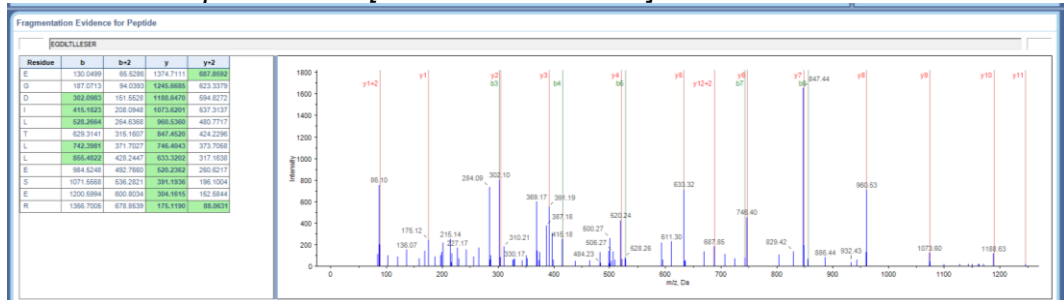
40S ribosomal protein S24. [UniProtKB: K1PUV4]



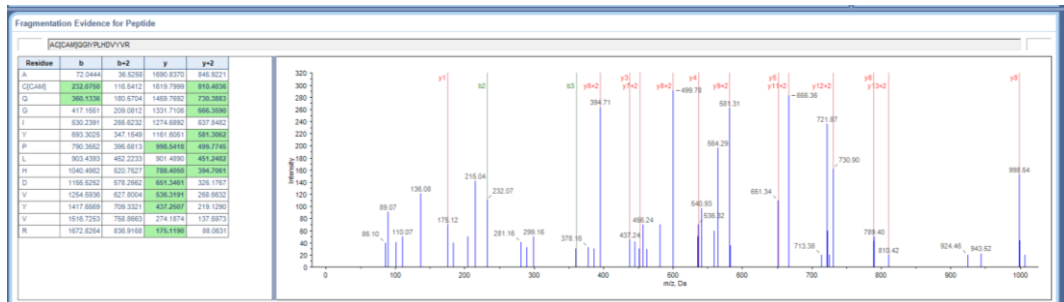
40S ribosomal protein S26. [UniProtKB: K1PI50]



40S ribosomal protein S28. [UniProtKB: K1QCY6]

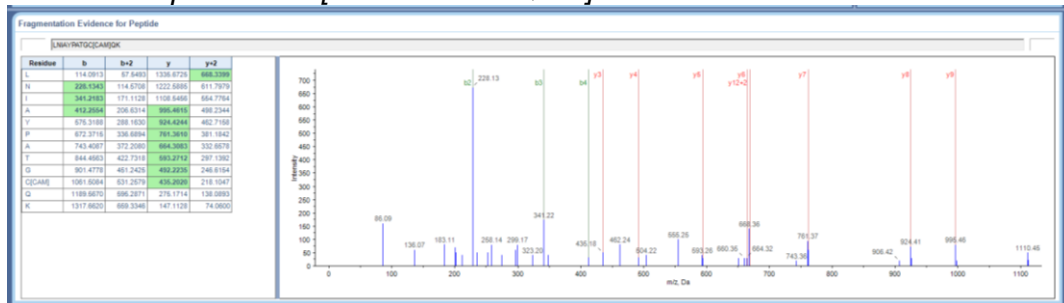


40S ribosomal protein S3a. [UniProtKB: P49395]



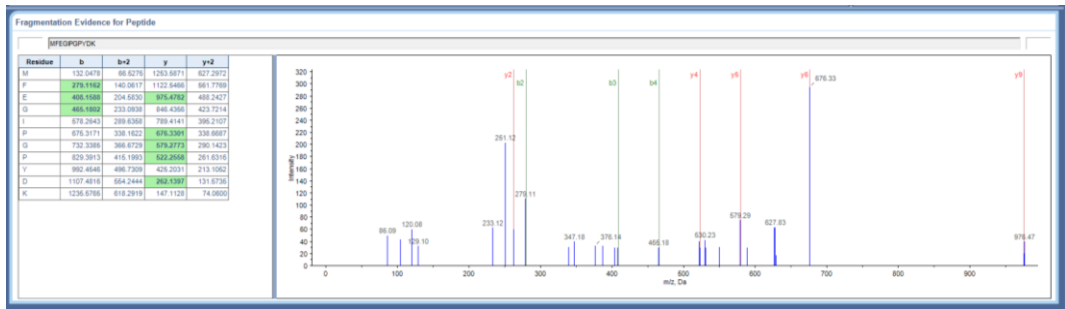
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S ribosomal protein S6. [UniProtKB: J9Q405]

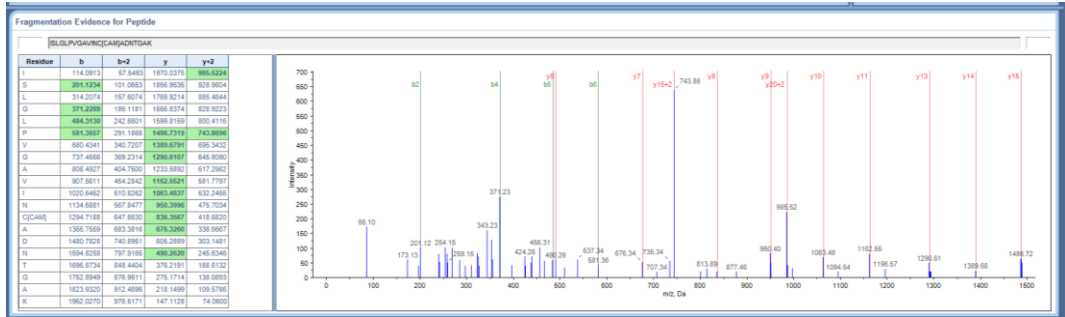


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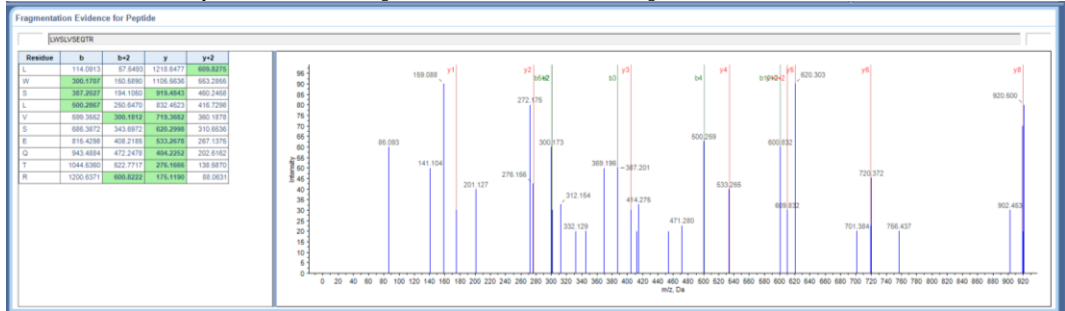
0S ribosomal protein L13a. 98.7% confidence. [UniProtKB: Q3HNK3]



60S ribosomal protein L23. [UniProtKB: K1QFN1]

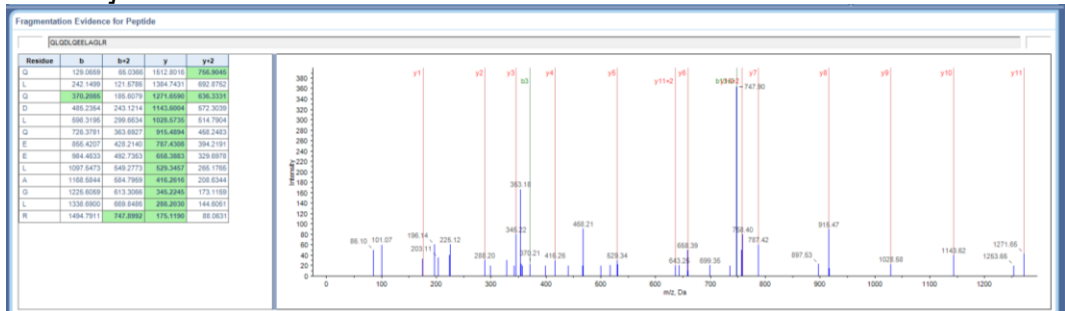


60S ribosomal protein L27a. [UniProtKB: F1LEX6]



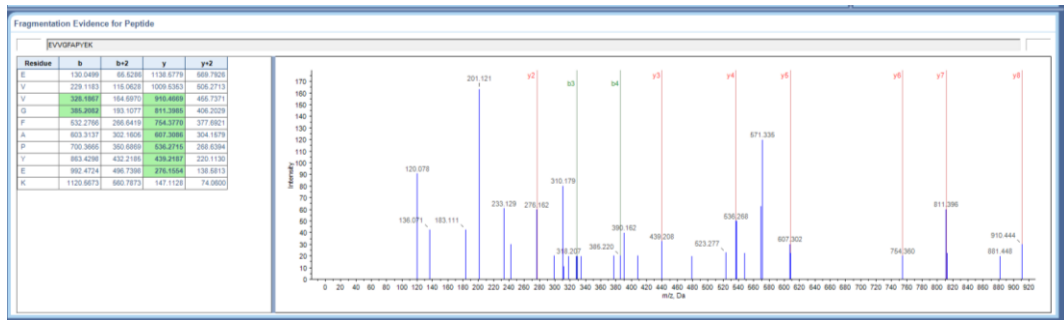
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S ribosomal protein L35. [UniProtKB: G3HZI1]

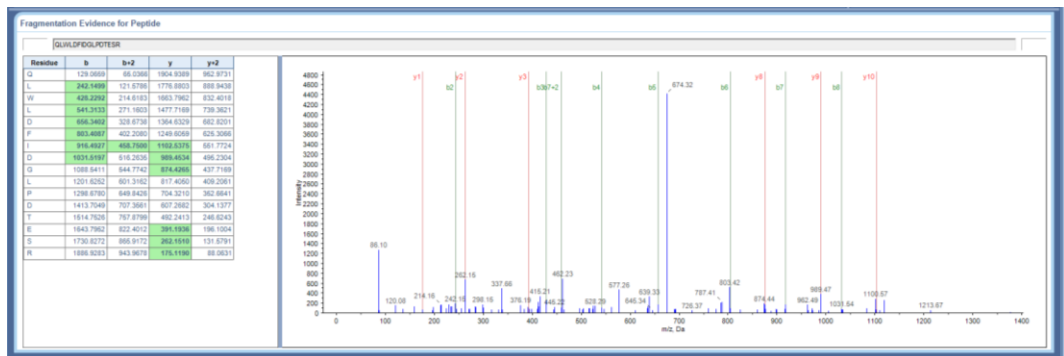


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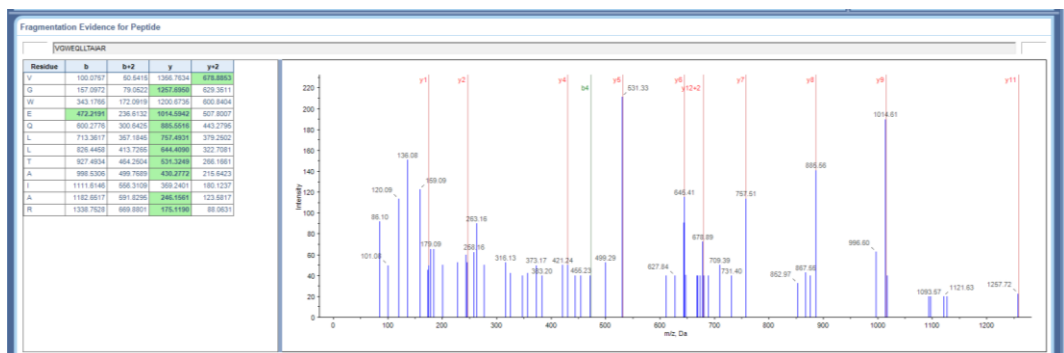
S ribosomal protein L36. [UniProtKB: K1R928]



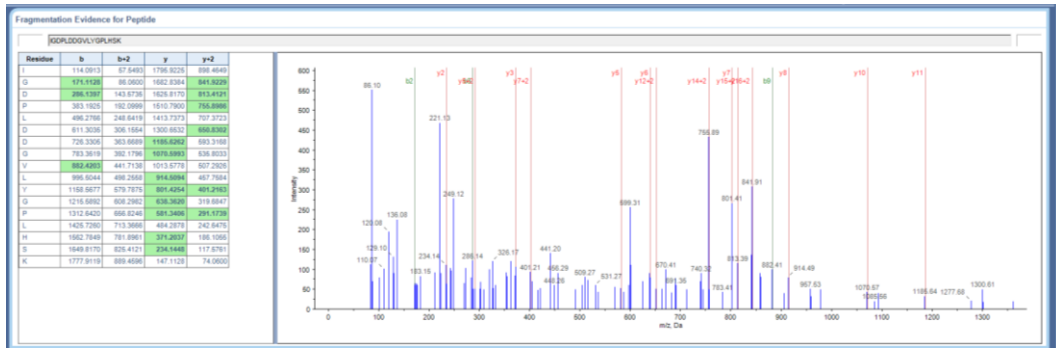
Actin depolymerisation factor/cofilin. [UniProtKB: B3SND4]



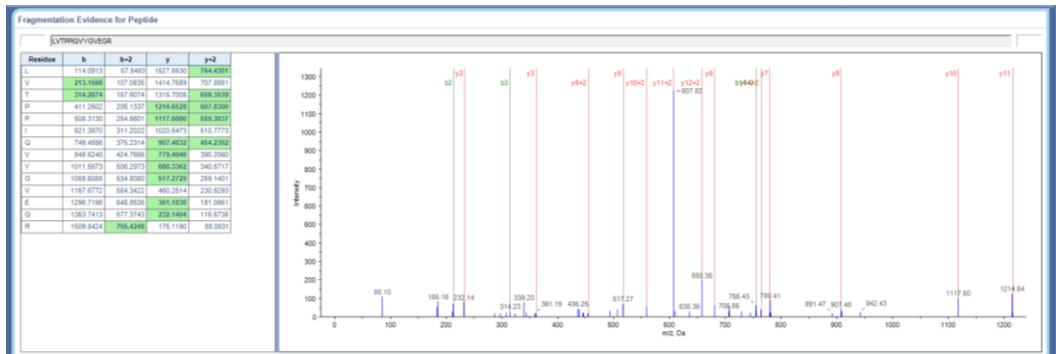
Alpha-actinin. [UniProtKB: Q81TH0]



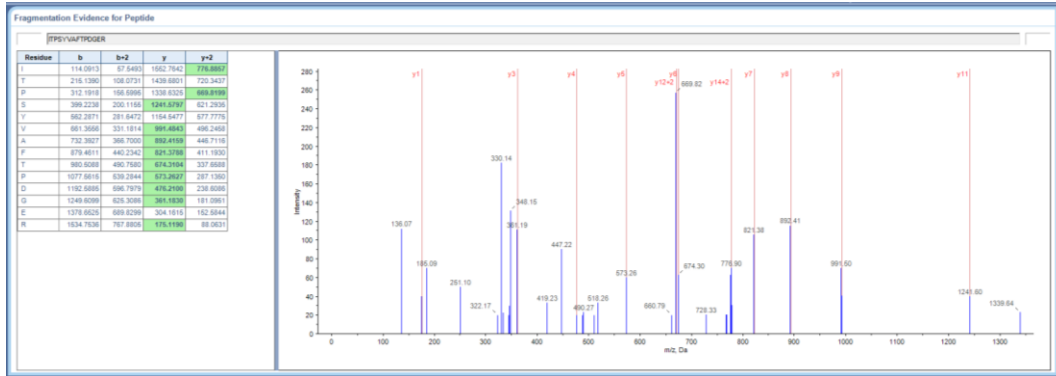
Alpha-aminoadipic semialdehyde dehydrogenase. [UniProtKB: K1RNB6]



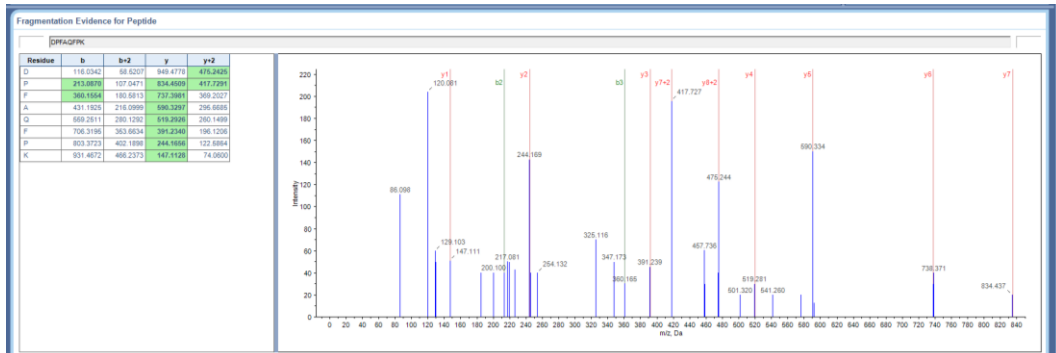
ATP synthase, H⁺ transporting, mitochondrial F1 complex, o subunit. [UniProtKB: B6RB43]



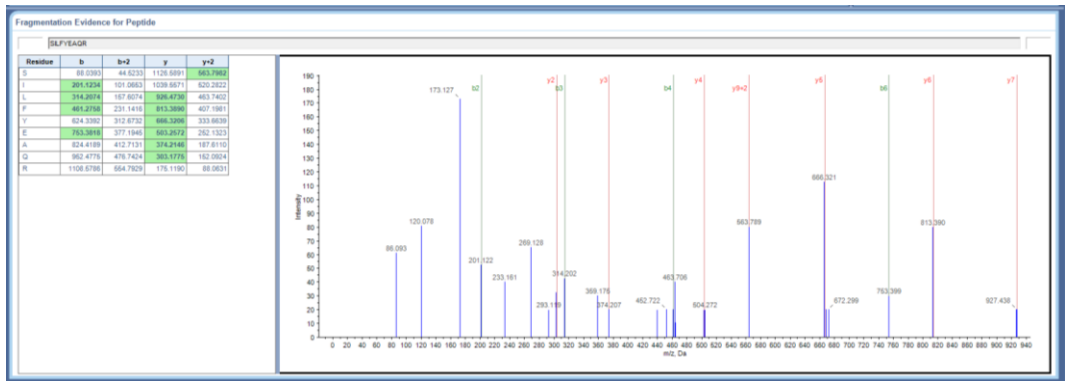
Bip-like protein (Fragment). [UniProtKB: Q56UH0]



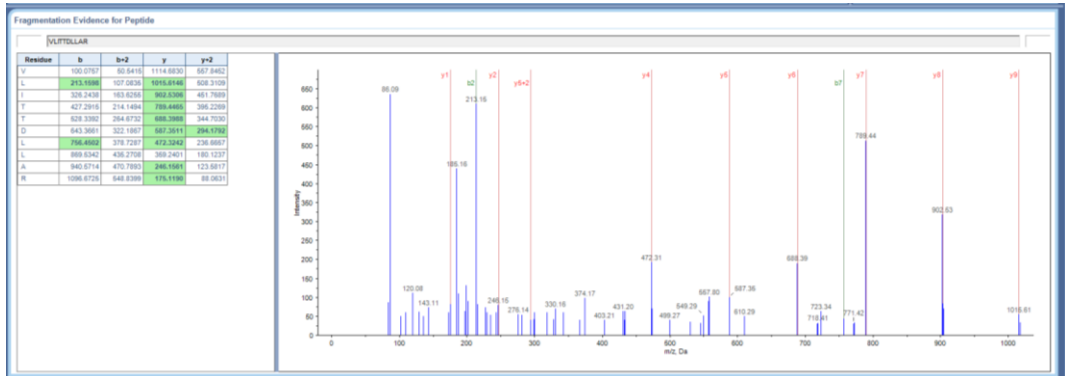
Elongation factor-1 gamma. [UniProtKB: Q09QN2]



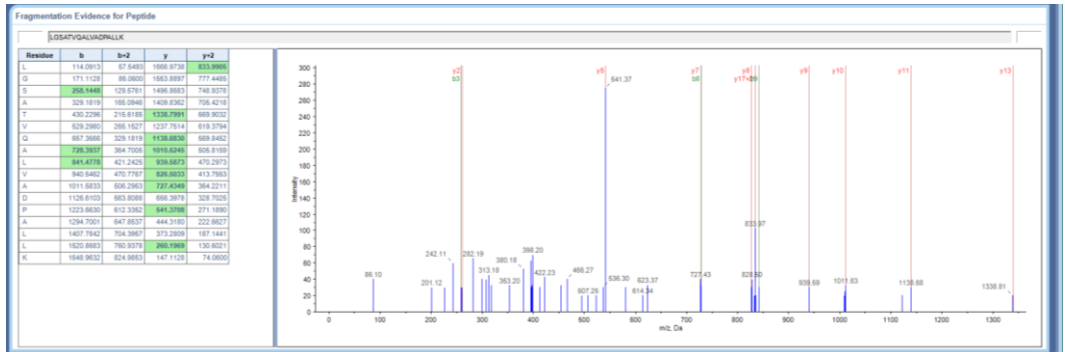
Endoglucanase 19. [UniProtKB: K1QGM8]



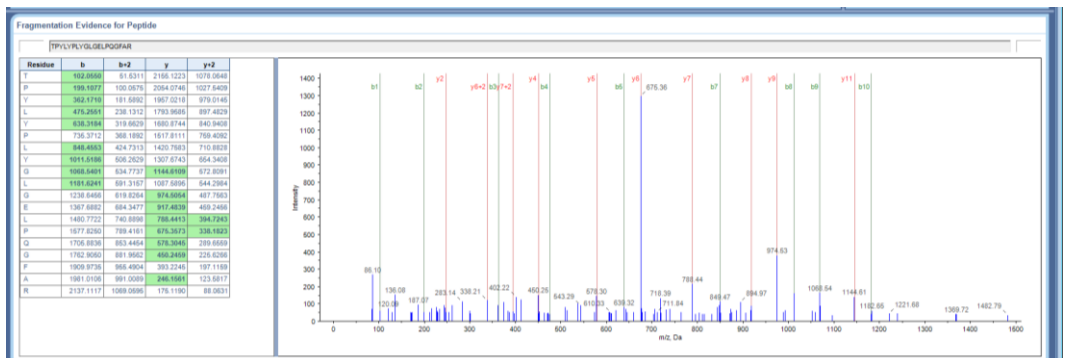
Eukaryotic initiation factor 4A-II (Fragment). [UniProtKB: K1PLA7]



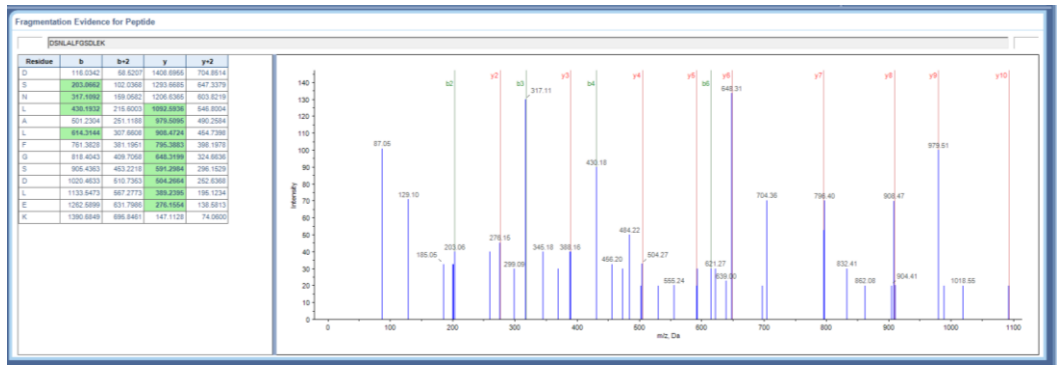
Fasciclin domain-containing protein. [UniProtKB: G4V2C2]



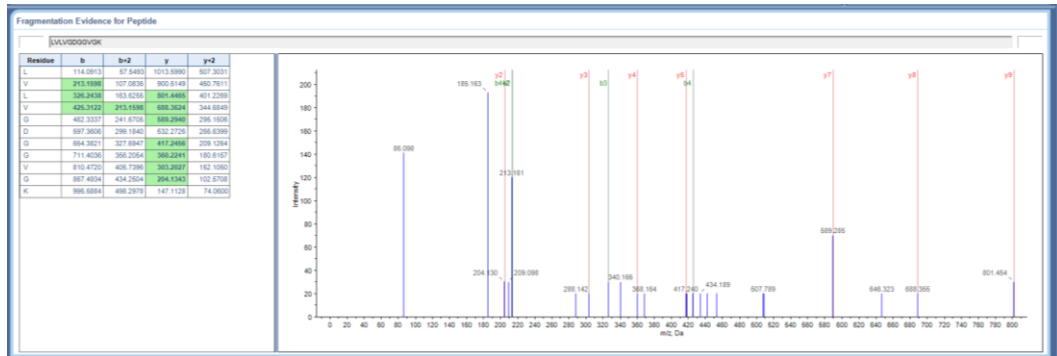
GDI-1 GDP dissociation inhibitor, putative. [UniProtKB: B7PIZ1]



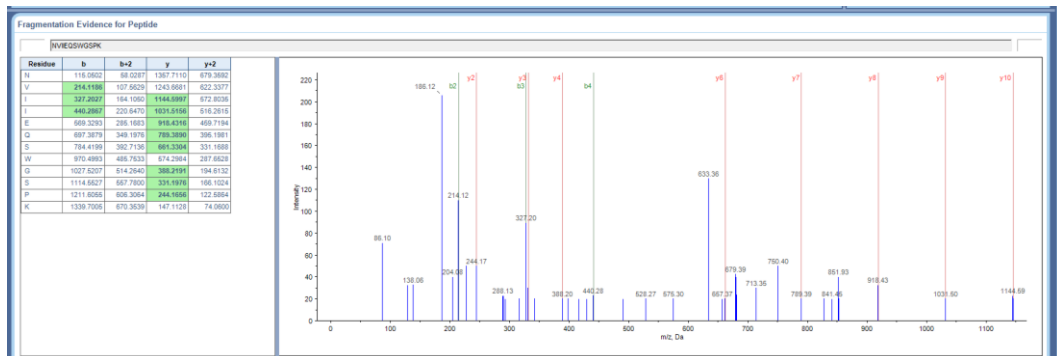
Gelsolin. [UniProtKB: E6Y6Q1]



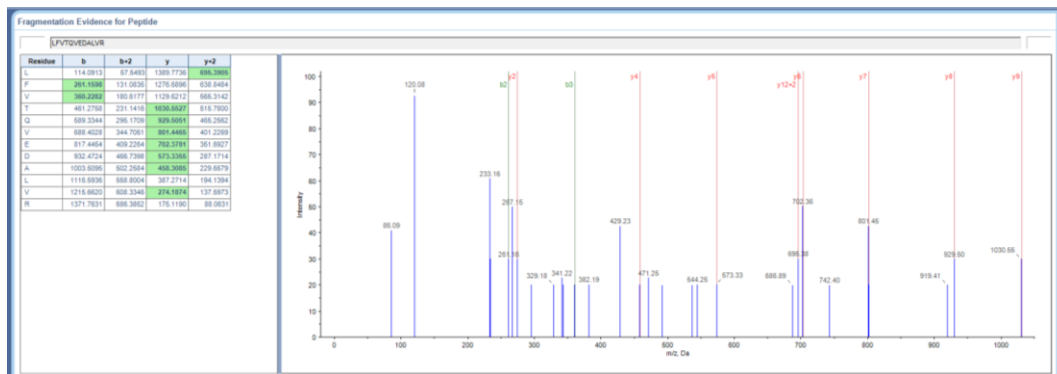
GTP-binding nuclear protein Ran. [UniProtKB: K1R5V4]



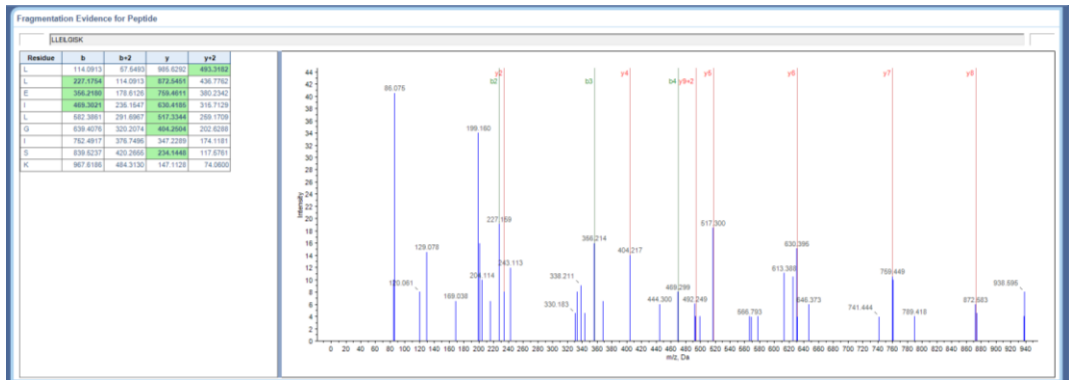
Heat shock protein 60. [UniProtKB: B8Y4I8]



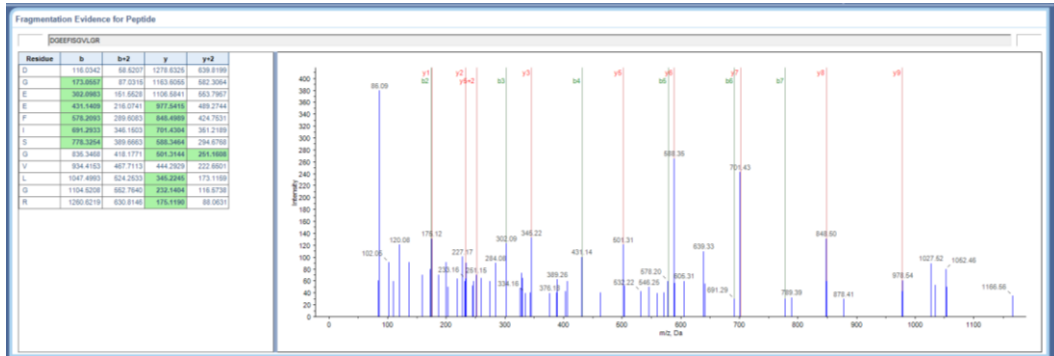
Hemocyanin isoform 1 (Fragment) . [UniProtKB: C7FEG7]



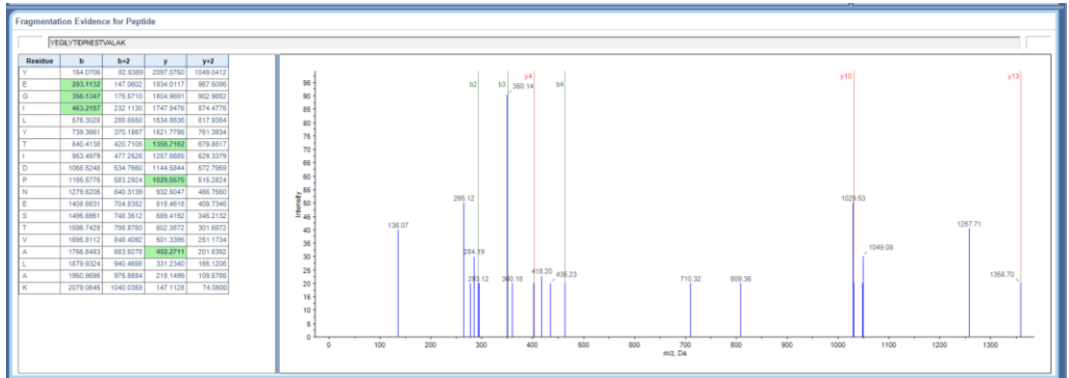
hypothetical protein CGI_10019745. [GenBank: gi|405963543]



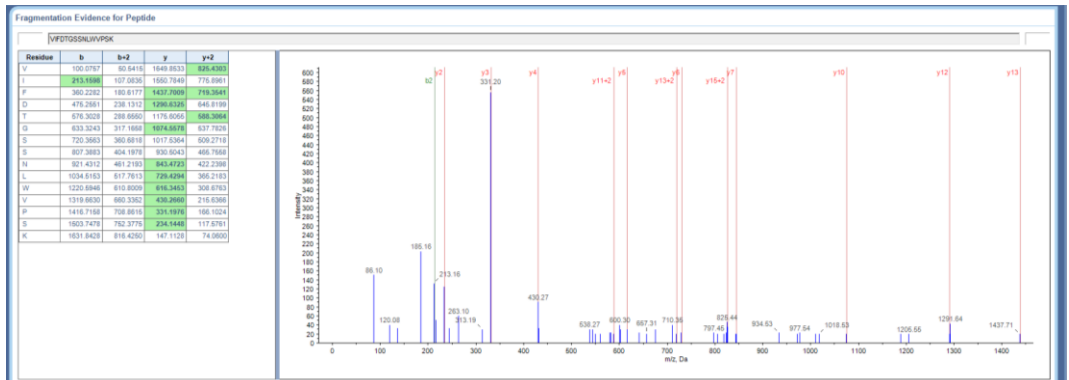
L-3-hydroxyacyl-coenzyme a dehydrogenase, short chain. [UniProtKB: B6RB36]



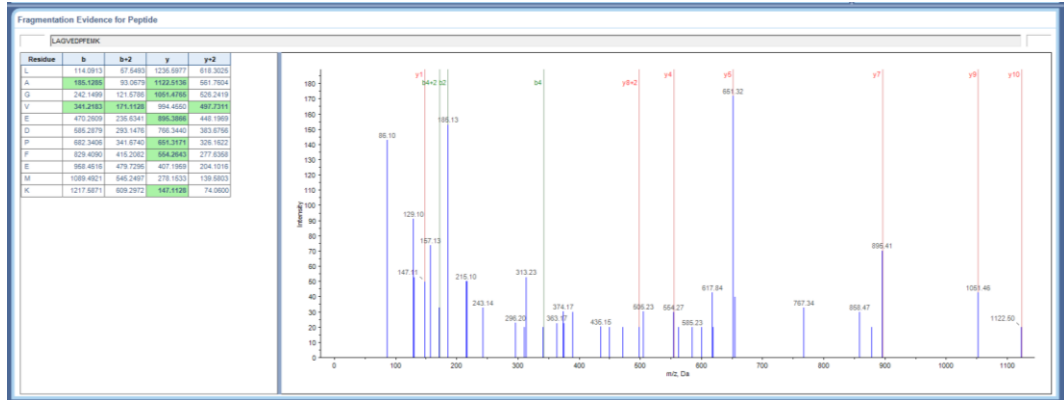
LSM14-like protein A. [UniProtKB: K1RIG6]



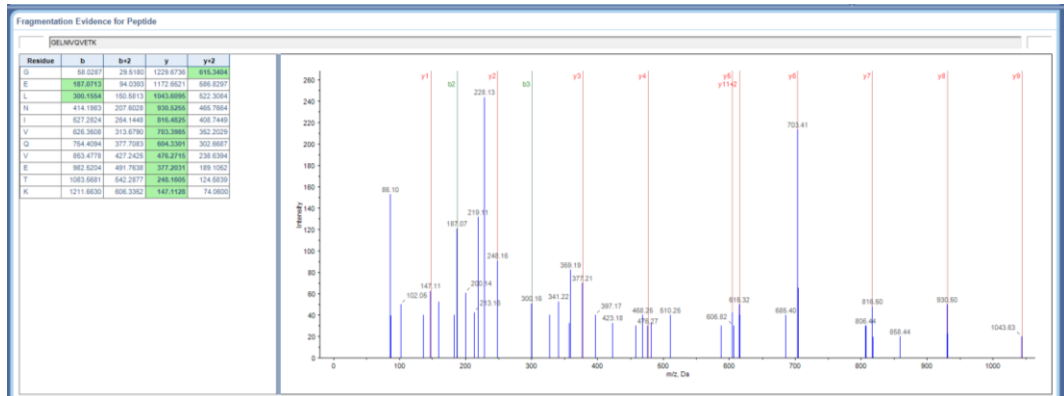
Lysosomal aspartic protease. [UniProtKB: K1P5Z3]



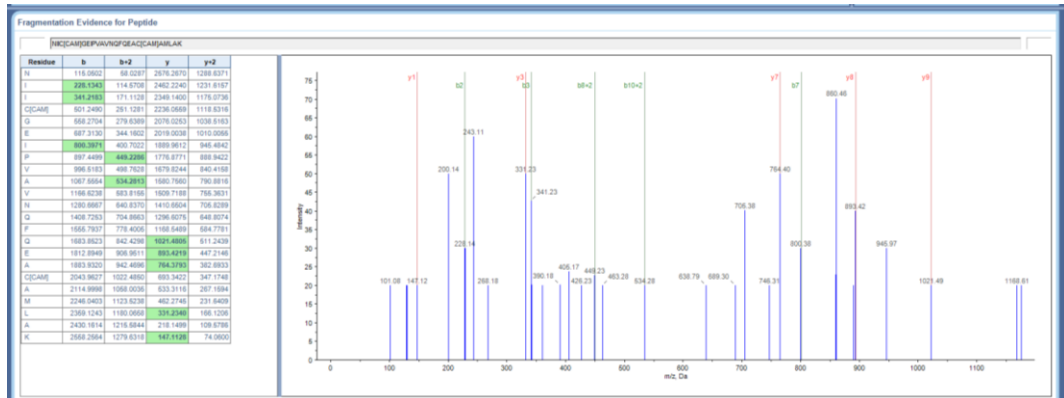
Mitochondrial cytochrome c oxidase subunit Vb. [UniProtKB: K7QU39]



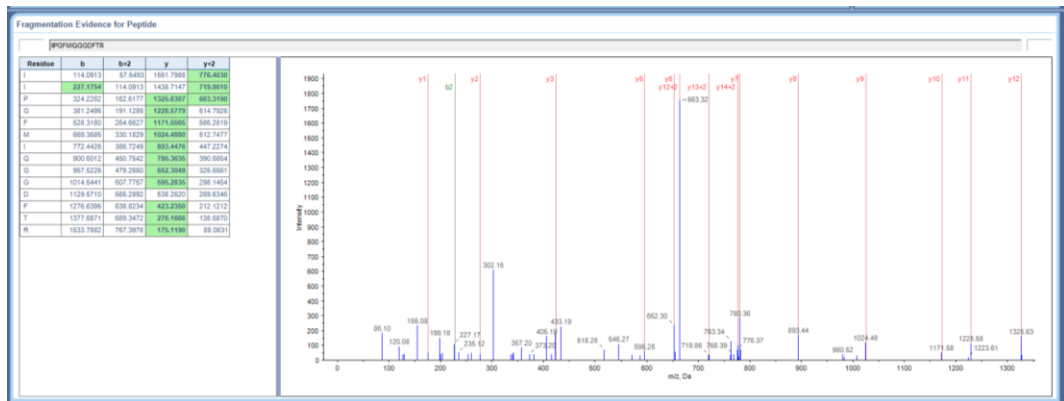
Mitotic apparatus protein p62. [UniProtKB: K1R4R9]



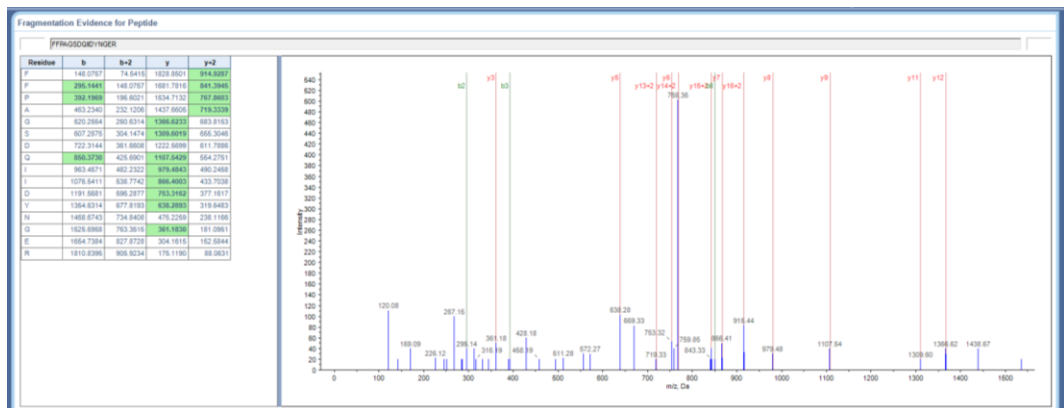
Nuclear autoantigenic sperm protein. [UniProtKB: K1RN77]



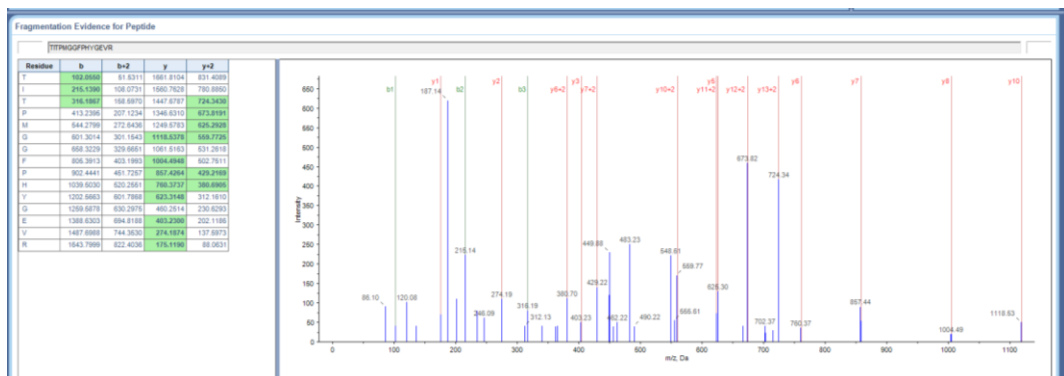
Peptidyl-prolyl cis-trans isomerase. [UniProtKB: Q5QG Y8]



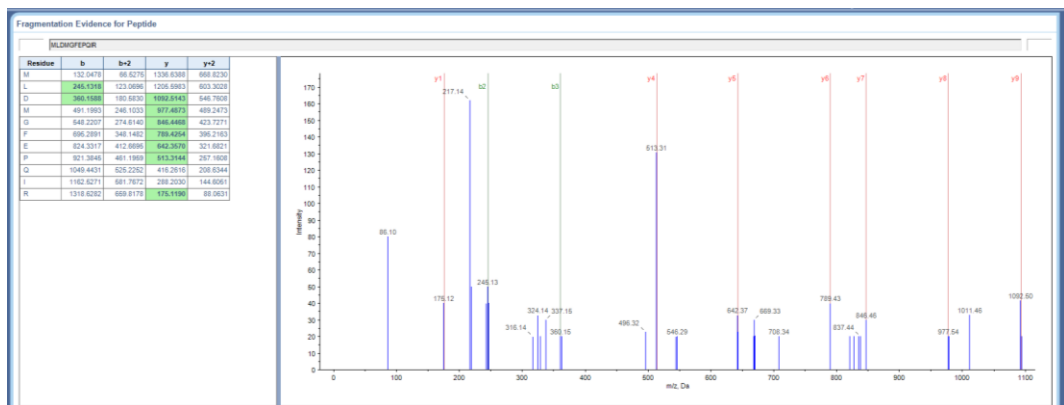
Predicted protein. [UniProtKB: A7SNP7]



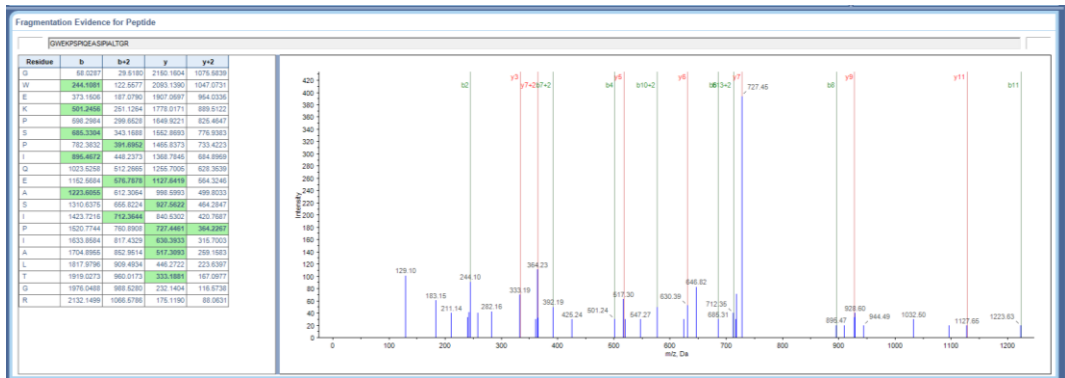
Putative 60S ribosomal protein L3. [UniProtKB: G9K380]



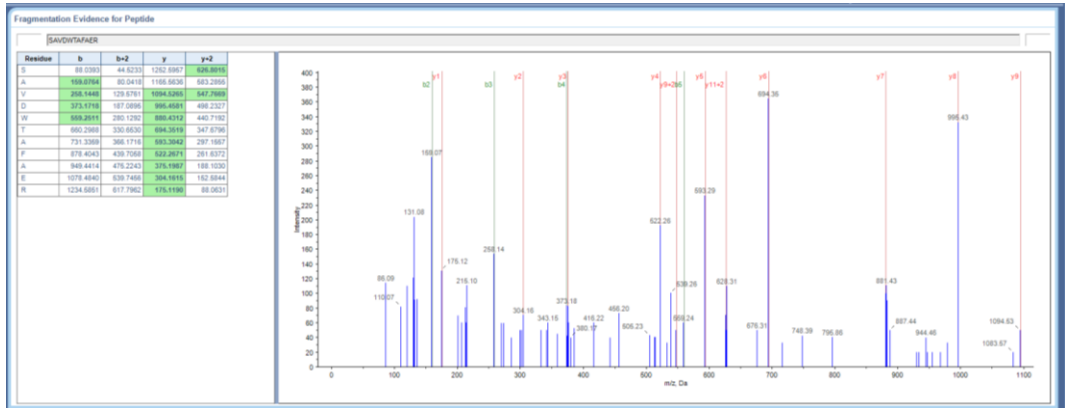
Putative ATP-dependent RNA helicase an3. [UniProtKB: K1QSQ9]



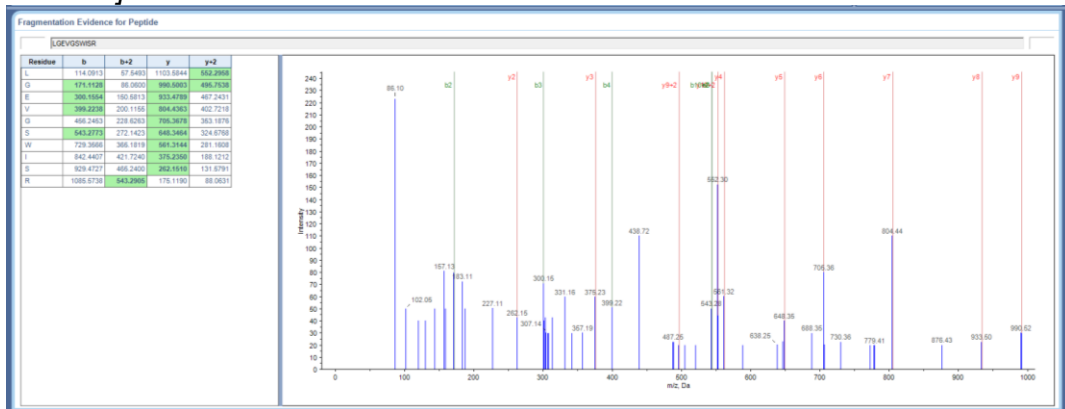
Putative ATP-dependent RNA helicase DDX6. [UniProtKB: K1PXD4]



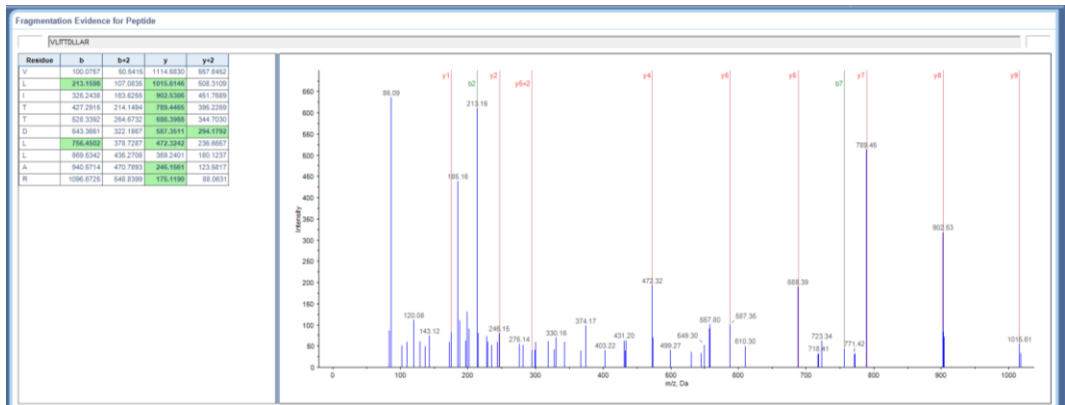
Putative mitochondrial ATP synthase. [UniProtKB: B6RB53]



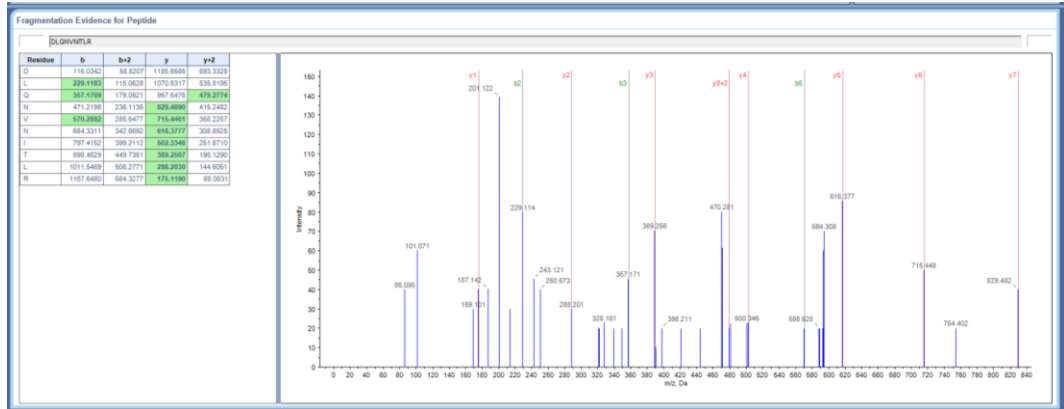
Putative mitochondrial ATP synthase F chain. [UniProtKB: B6RB60]



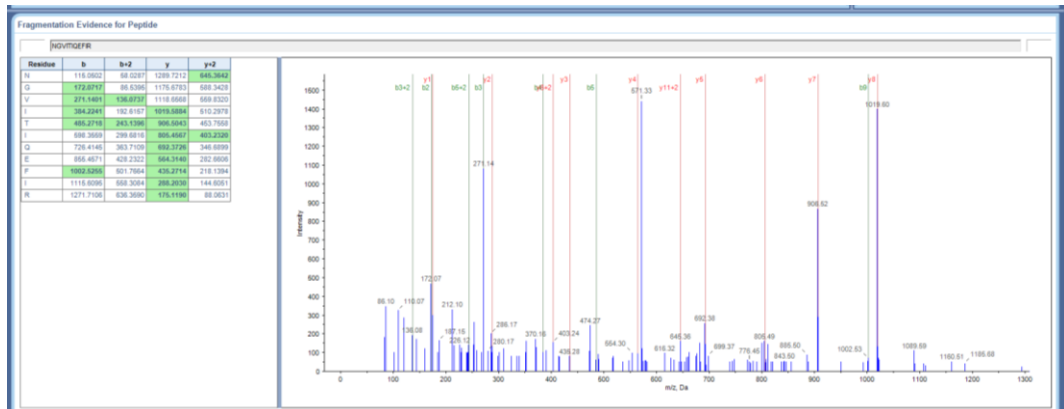
Putative uncharacterized protein. [UniProtKB: C3Z8A0]



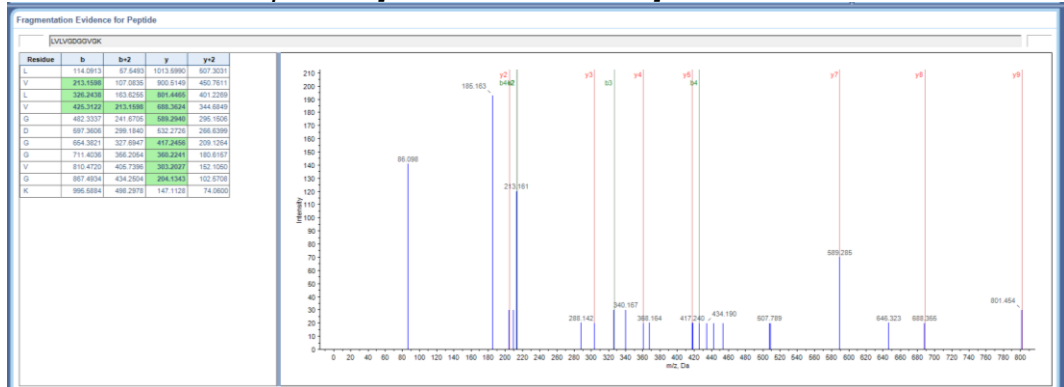
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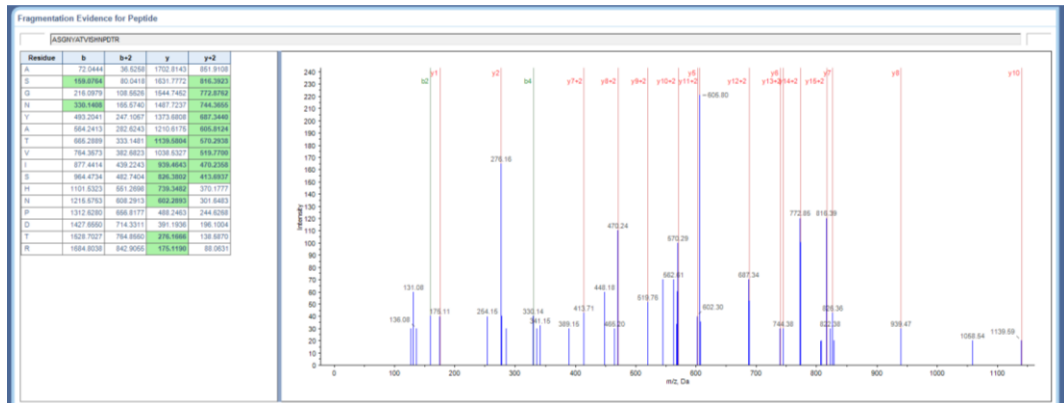
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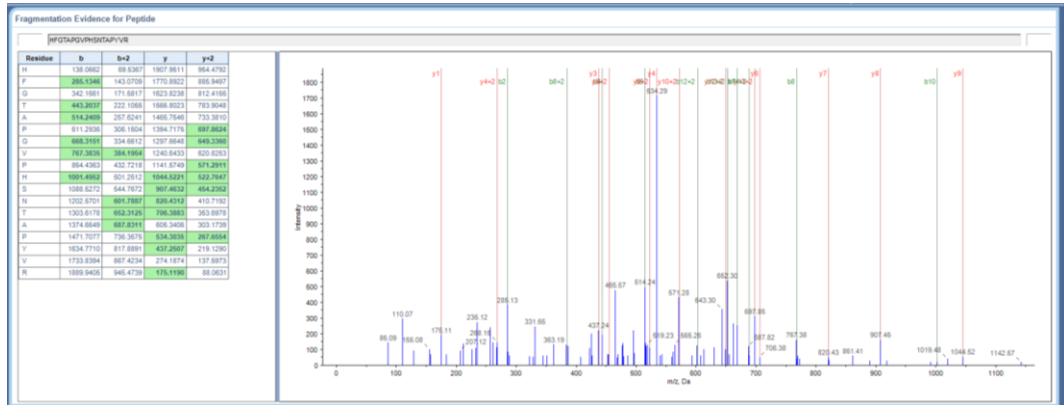
Ras-related nuclear protein. [UniProtKB: H1ADR7]



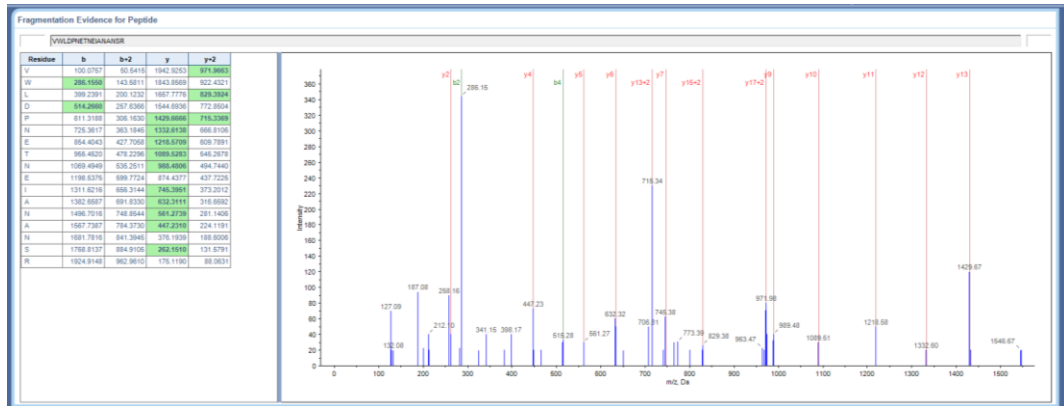
Ribosomal protein I. [UniProtKB: B6RB82]



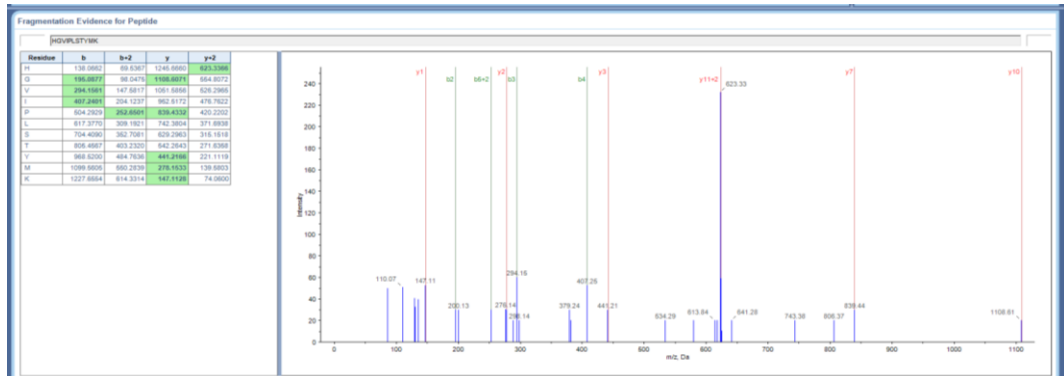
Ribosomal protein I18. [UniProtKB: B6RB80]



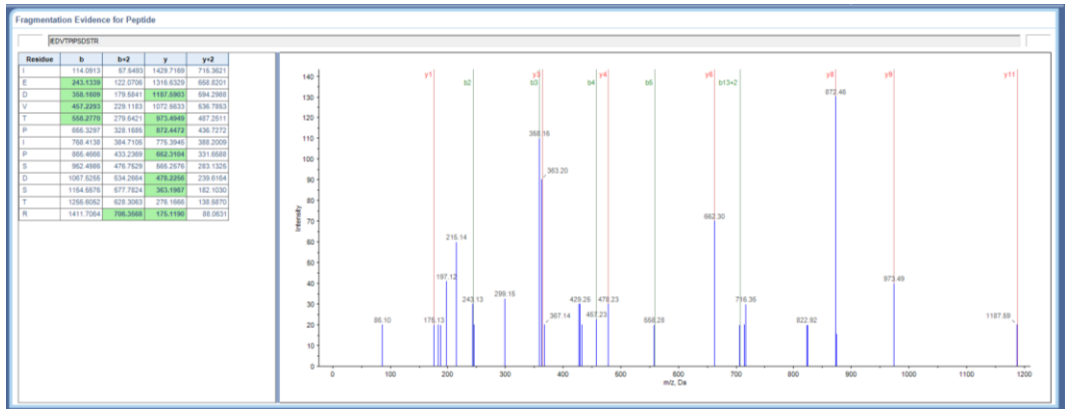
Ribosomal protein L19. [UniProtKB: Q8ITC1]



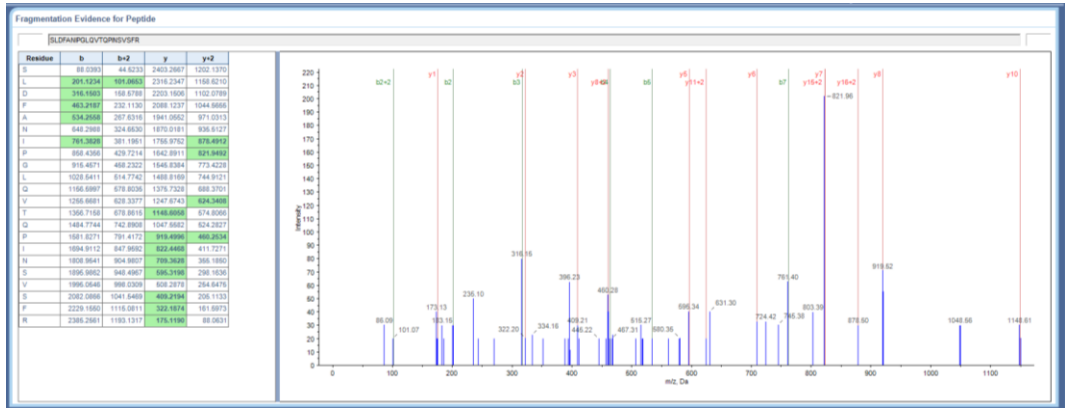
Ribosomal protein L21. [UniProtKB: Q8ITA7]



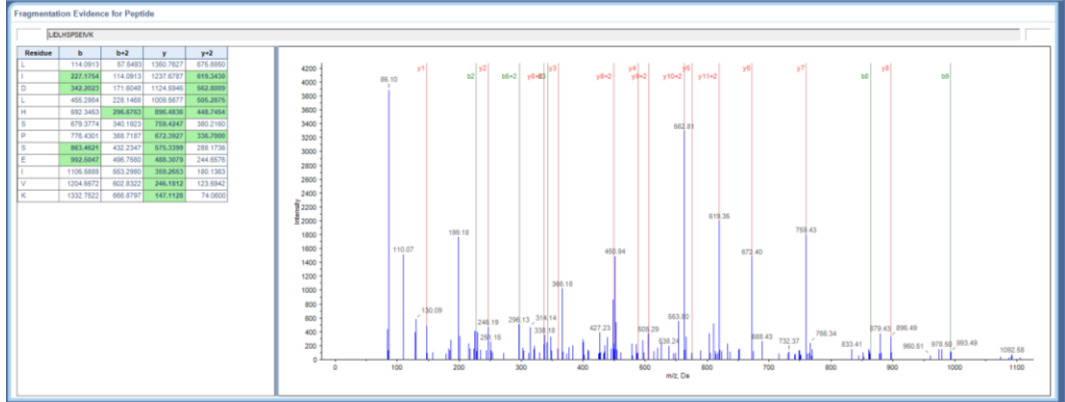
Ribosomal protein S14. [UniProtKB: B6RB78]



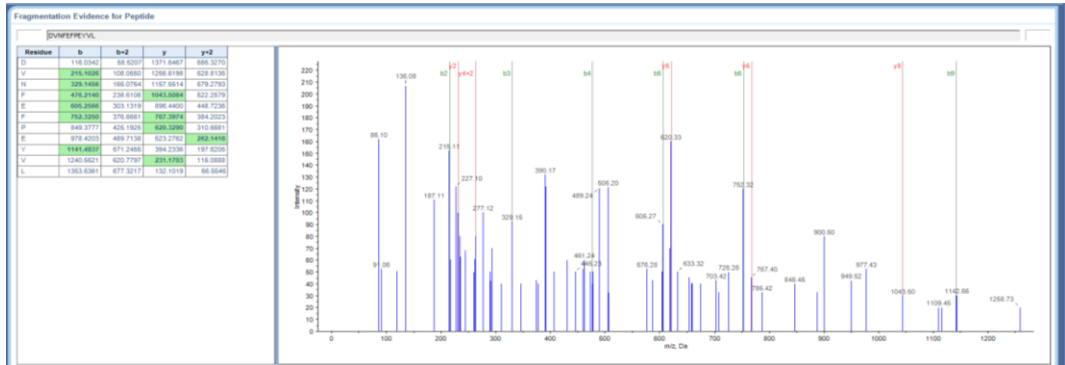
Ribosomal protein S17. [UniProtKB: Q8ISP1]



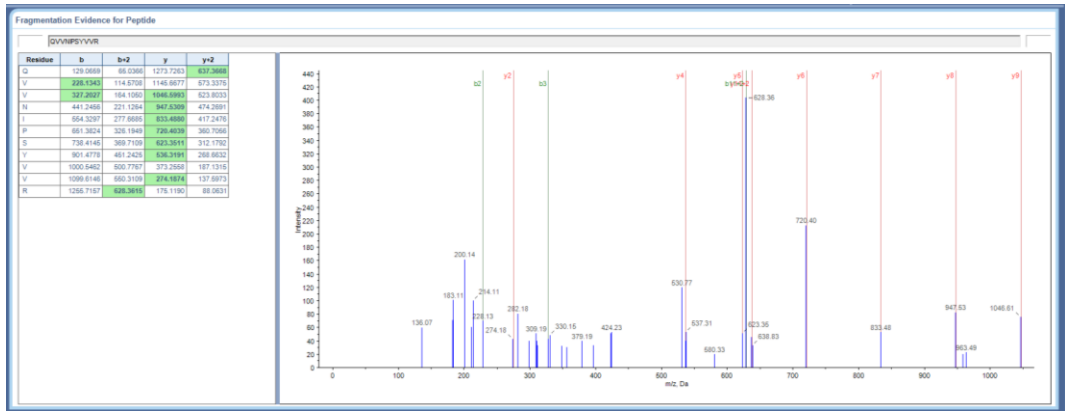
Ribosomal protein S20. [UniProtKB: Q70MN4]



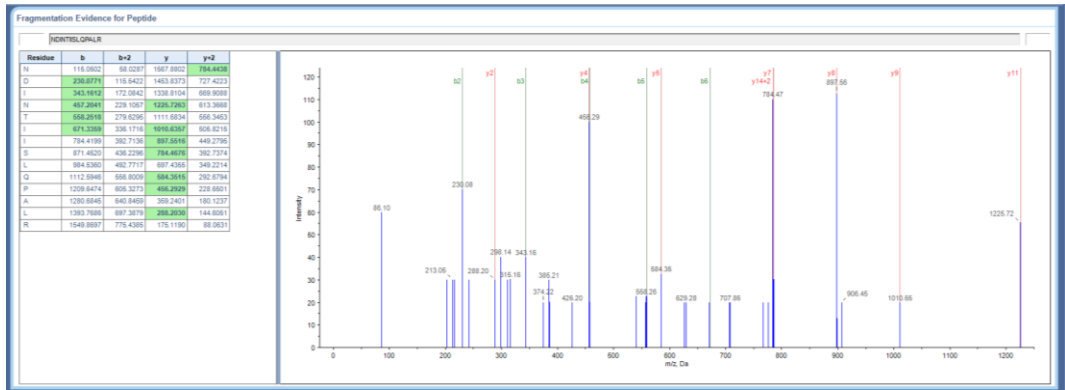
Ribosomal protein S7. [UniProtKB: Q8ITA9]



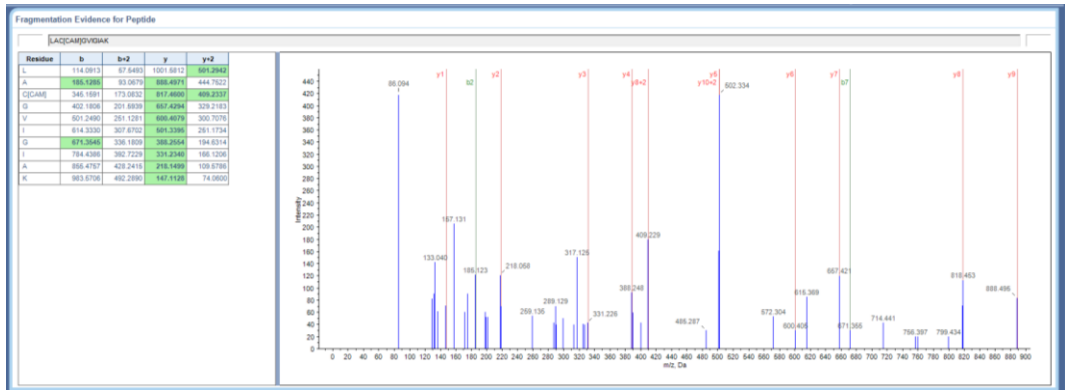
Ribosomal protein S9. [UniProtKB: A9LMJ6]



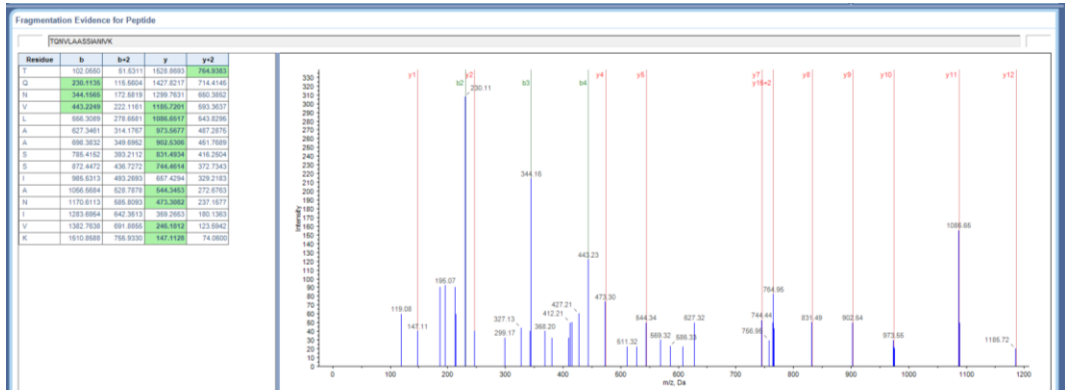
Superoxide dismutase (Fragment). [UniProtKB: B3TLB3]



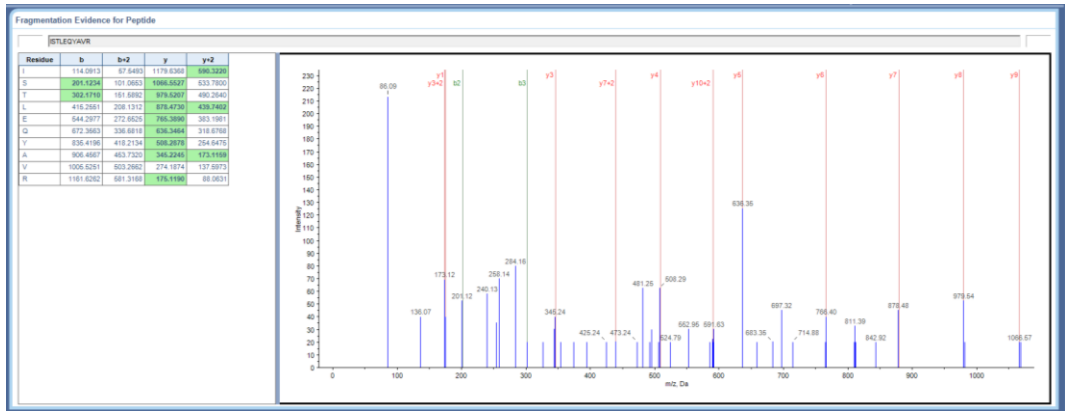
Superoxide dismutase [Cu-Zn]. [UniProtKB: J7FI85]



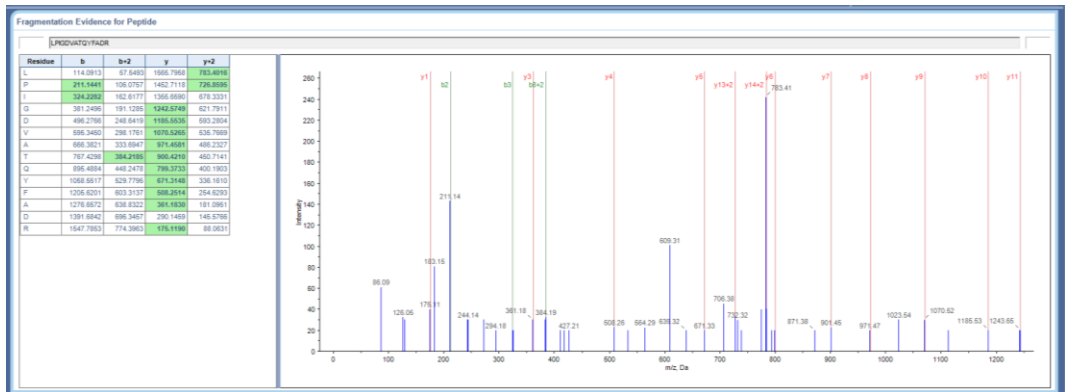
T-complex protein 1 subunit alpha. [UniProtKB: K1RAJ1]



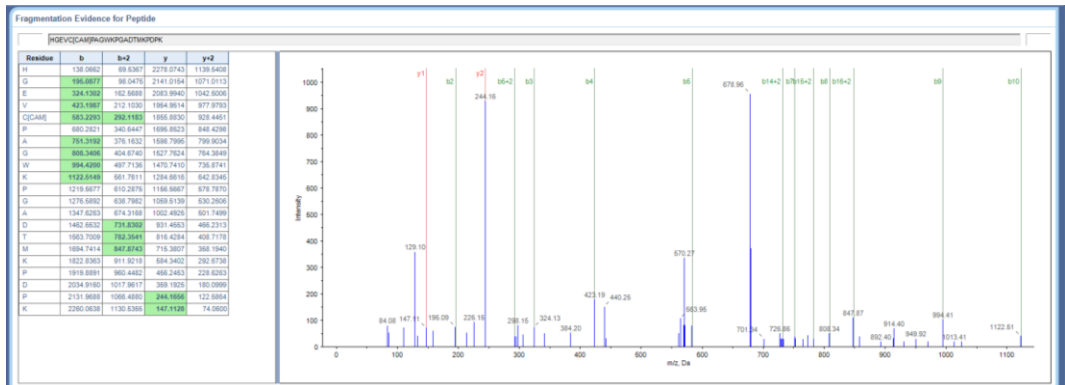
T-complex protein 1 subunit epsilon. [UniProtKB: K1RLC5]



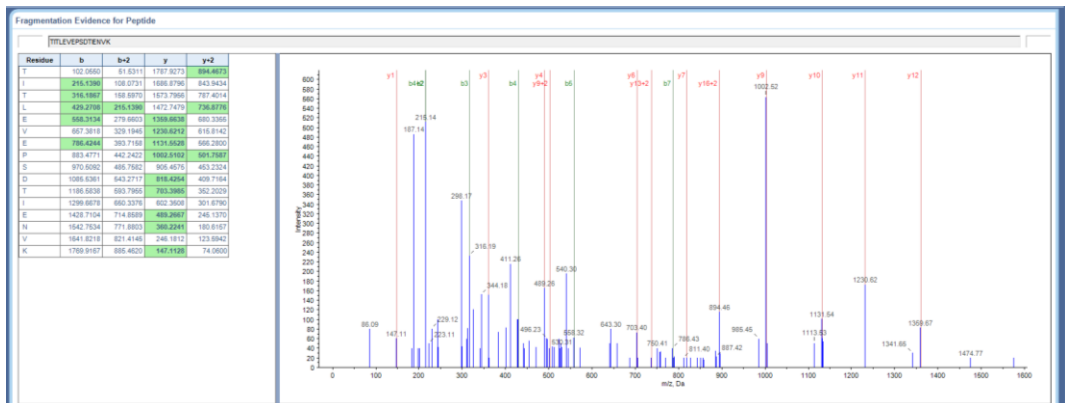
T-complex protein 1 subunit eta. [UniProtKB: K1Q9W5]



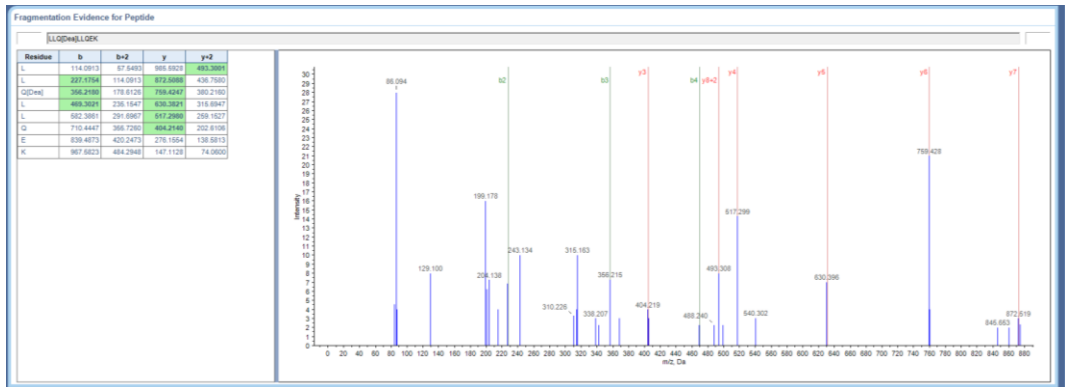
Thioredoxin peroxidase 2. 98.6% confidence. [UniProtKB: B1N694]



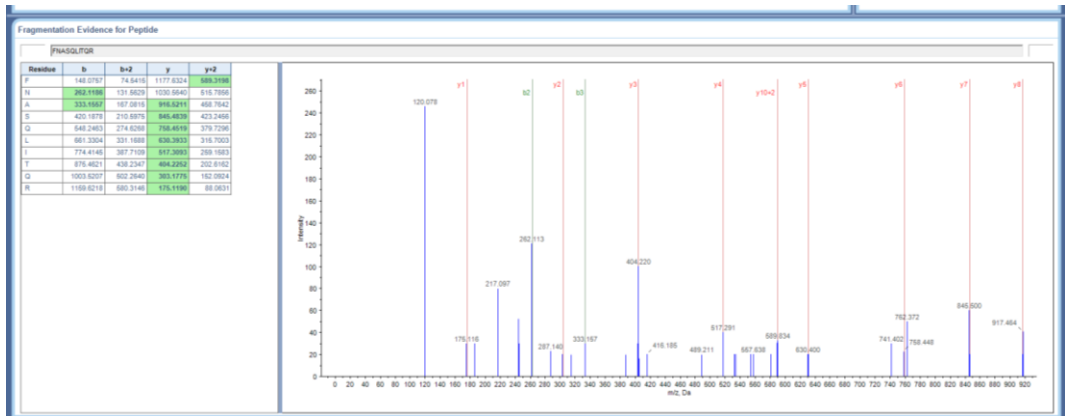
Ubiquitin. [UniProtKB: K1PD36]



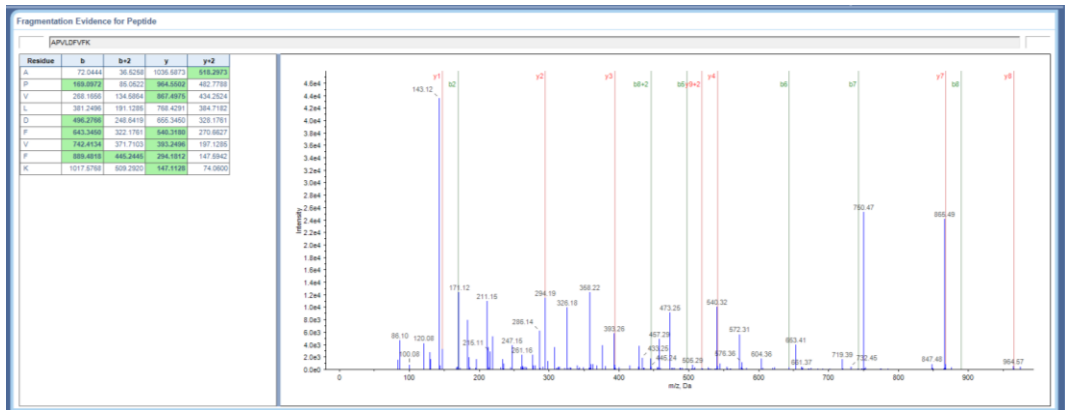
Unc-45-like protein A. [UniProtKB: K1PAR4]



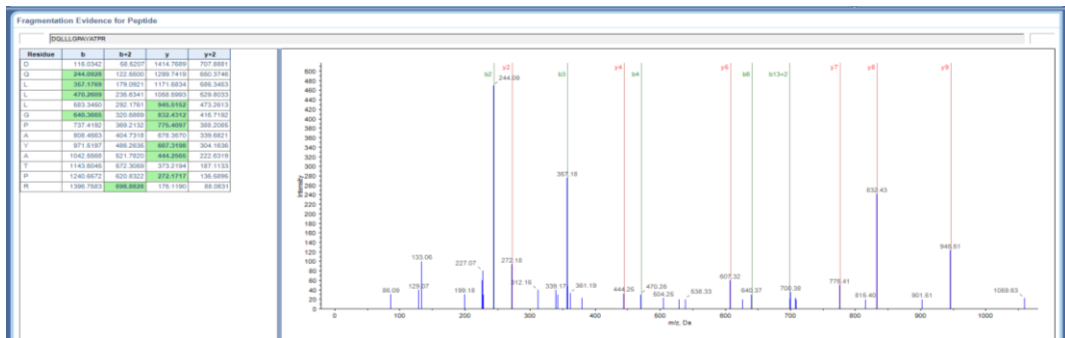
Uncharacterized protein. [UniProtKB: J3JYC4]



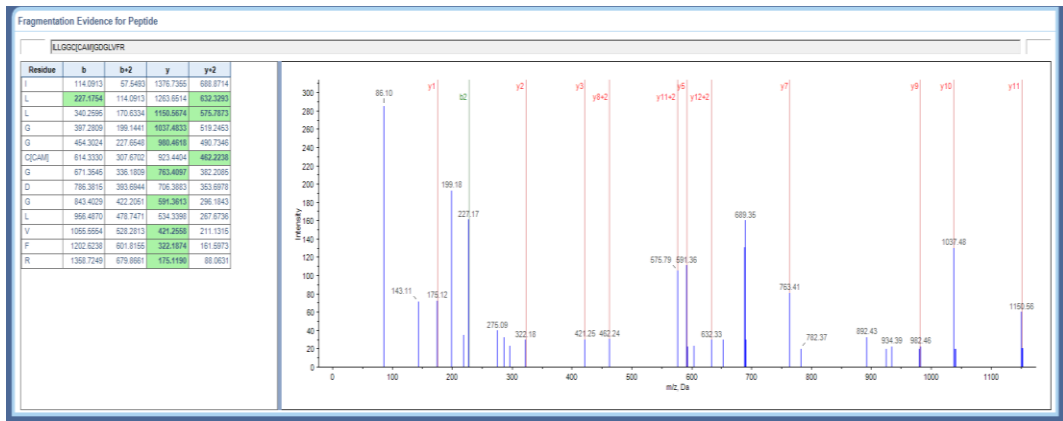
Uncharacterized protein. [UniProtKB: K1PCH4]



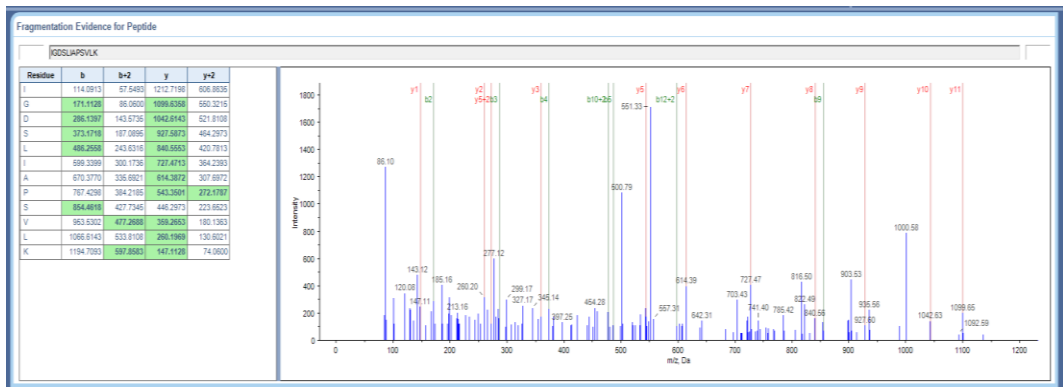
Uncharacterized protein. [UniProtKB: M3ZVH9]



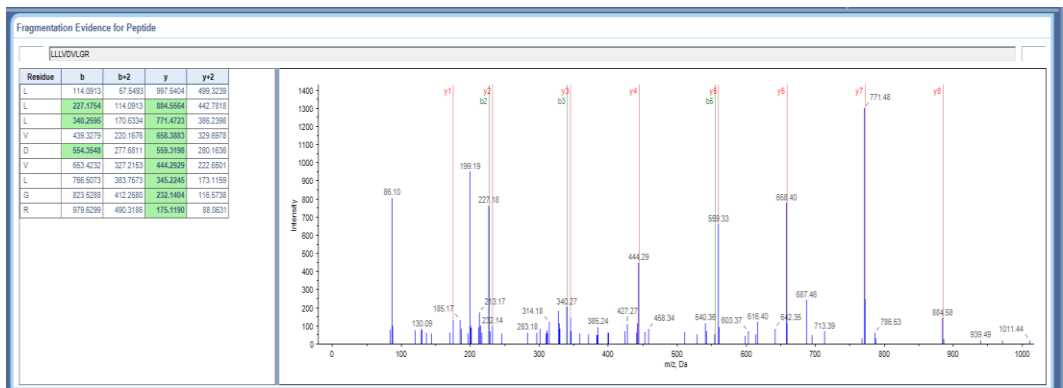
Vitelline envelope zona pellucida domain 5. [UniProtKB: A0MCN6]



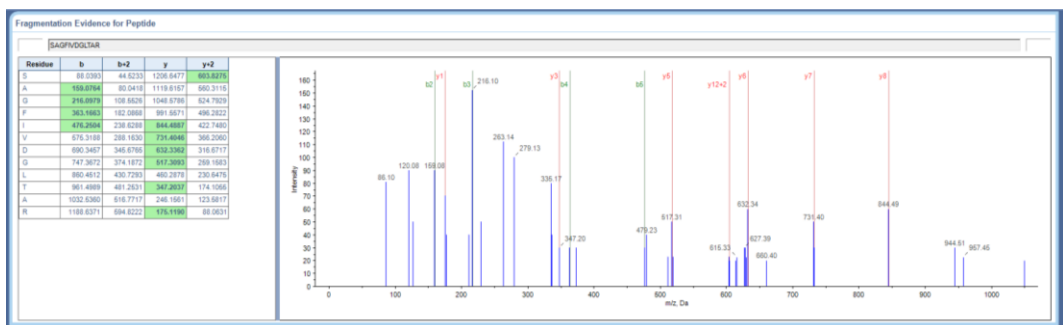
Vitelline envelope zona pellucida domain 6. [UniProtKB: A0MCP5]



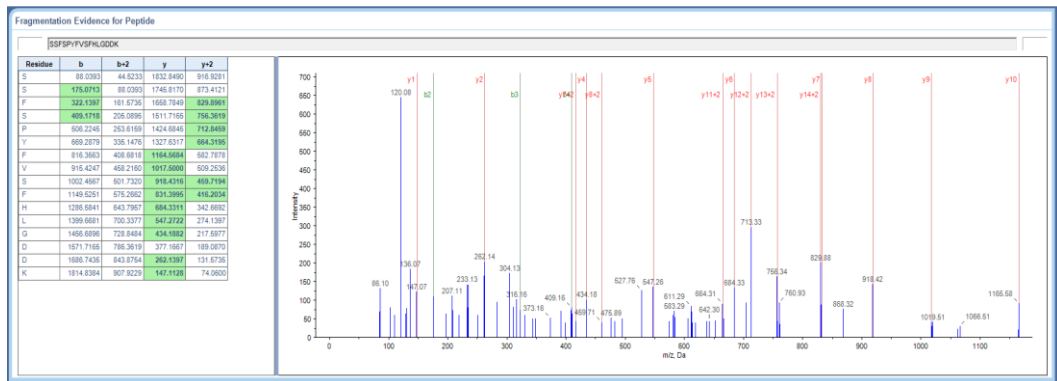
Vitelline envelope zona pellucida domain 7. [UniProtKB: A0MCP9]



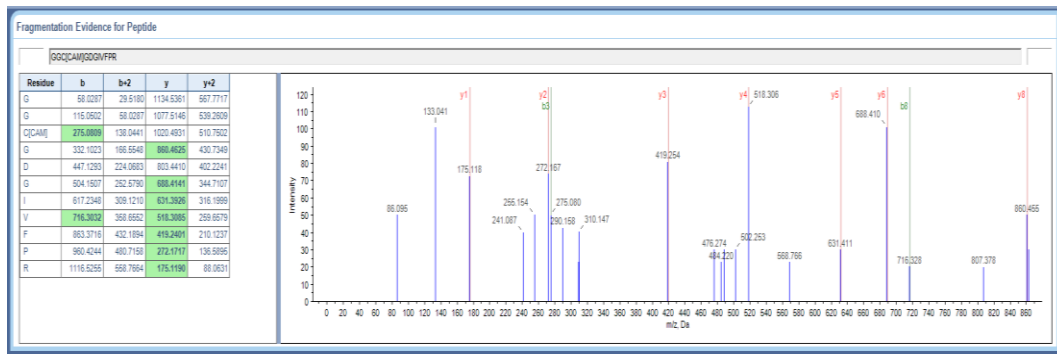
Vitelline envelope zona pellucida domain 8. [UniProtKB: A0MCQ2]



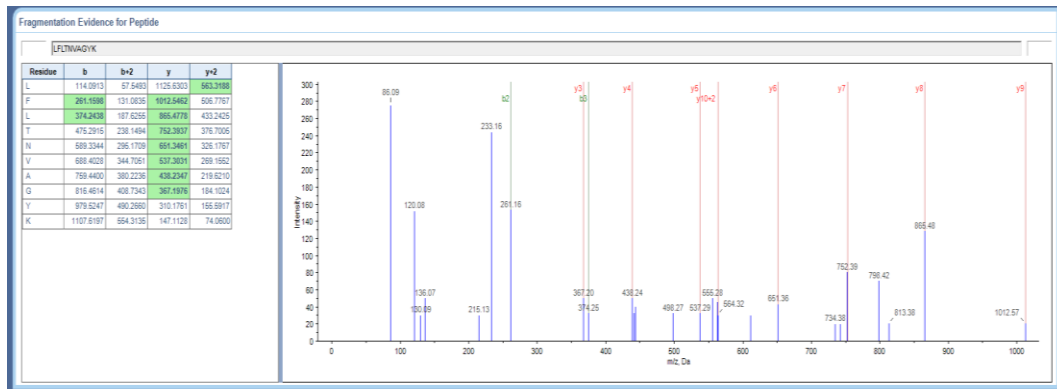
Vitelline envelope zona pellucida domain 9. [UniProtKB: A0MCQ9]



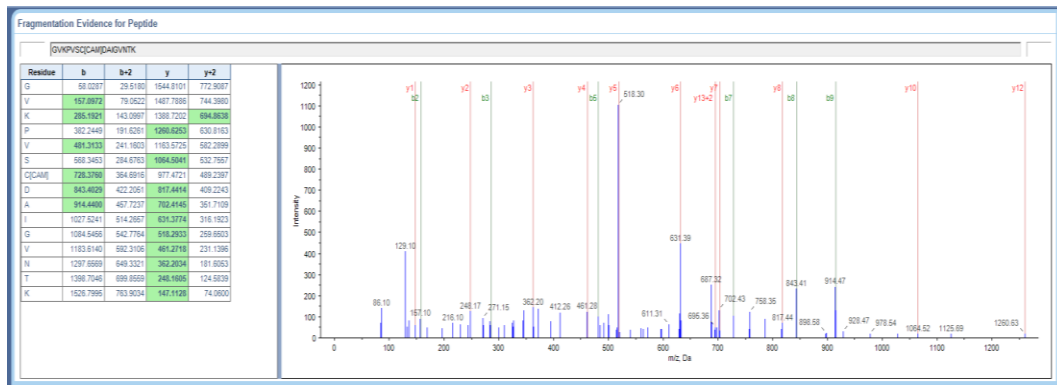
Vitelline envelope zona pellucida domain protein 13. [UniProtKB: D0EL51]



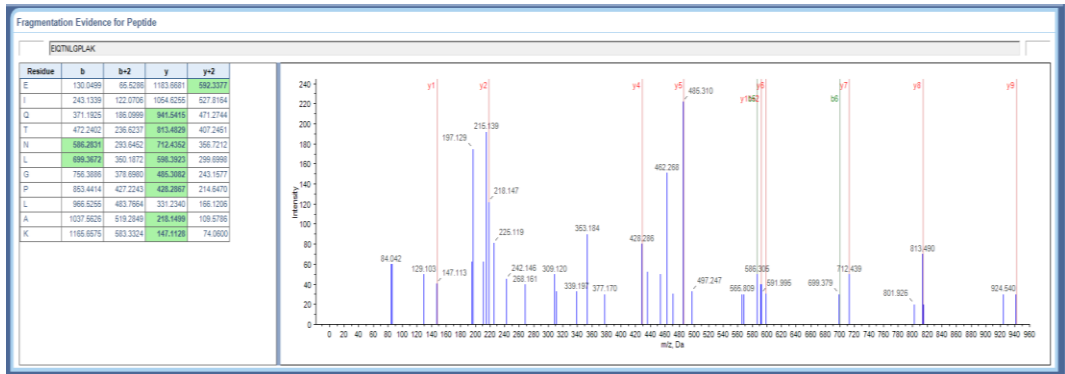
Vitelline envelope zona pellucida domain protein 16. [UniProtKB: D0EL54]



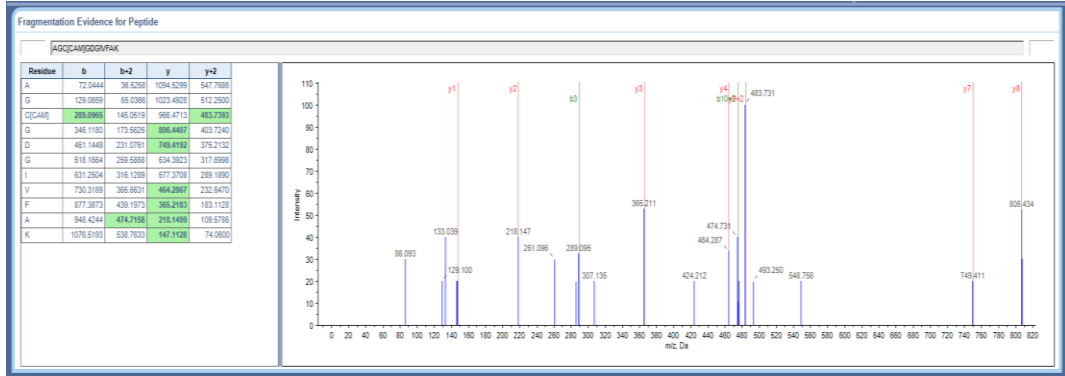
Vitelline envelope zona pellucida domain protein 20. [UniProtKB: D0EL58]



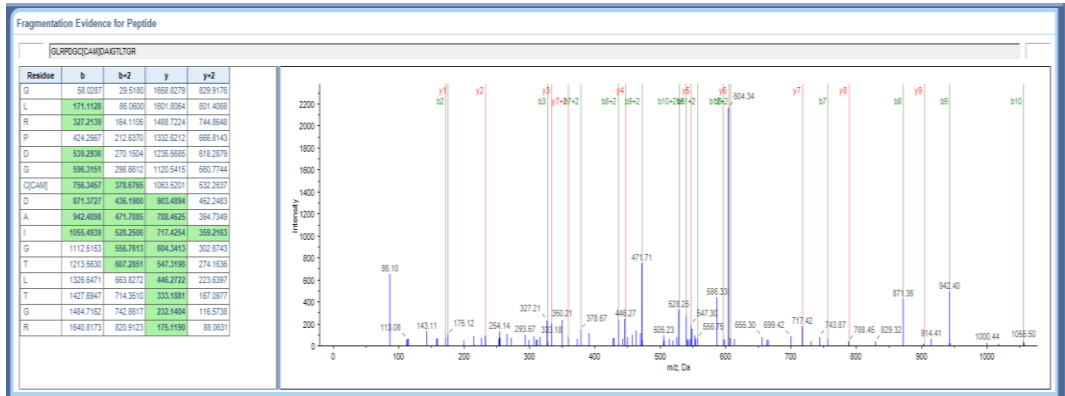
Vitelline envelope zona pellucida domain protein 21. [UniProtKB: D0EL59]



Vitelline envelope zona pellucida domain protein 25. [UniProtKB: D0EL63]



Vitelline envelope zona pellucida domain protein 29. [UniProtKB: D0EL67]



Zona pellucida domain A. [UniProtKB: A0MCP1]

