



Supplemental Fig S7: Scheme for evaluating Overlap of peptide identification between Hyperscore and MVH score algorithms. **(A)** Overlap between Hyperscore and MVH score algorithms without unrestricted modification searching filtering for iPRG-2015 dataset. **(B)** Overlap between Hyperscore and MVH score algorithms with unrestricted modification searching filtering for iPRG-2015 dataset. **(C)** Overlap between Hyperscore and MVH score algorithms without unrestricted modification searching filtering for junction peptide identification. **(D)** Overlap between Hyperscore and MVH score algorithms with unrestricted modification searching filtering for junction peptide identification. **(E)** Overlap between Hyperscore and MVH score algorithms without unrestricted modification searching filtering for colon dataset. **(F)** Overlap between Hyperscore and MVH score algorithms with unrestricted modification searching filtering for colon dataset.