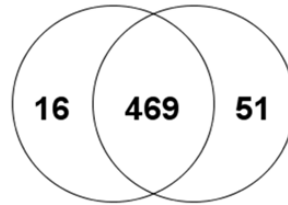


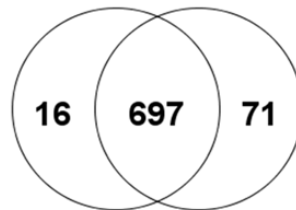
a) number of identified peptides

IPI Human Subset DB



b) number of identified spectra

IPI Human Subset DB



Supplemental Figure 4: Comparison of search results from top down identification of matrix extracts derived from MALDI imaging specimen of colon and esophagus tissue) using either the IPI human database or the bottom up derived fasta file on the peptide level (panel a) and on the spectrum level (panel b; see also Fig. 4b, main manuscript).