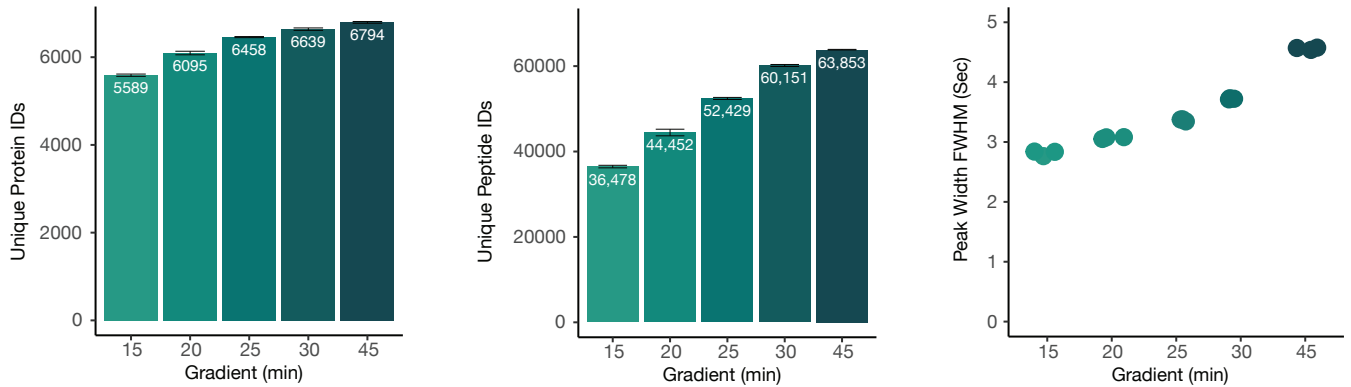


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More protein IDs. Less time.

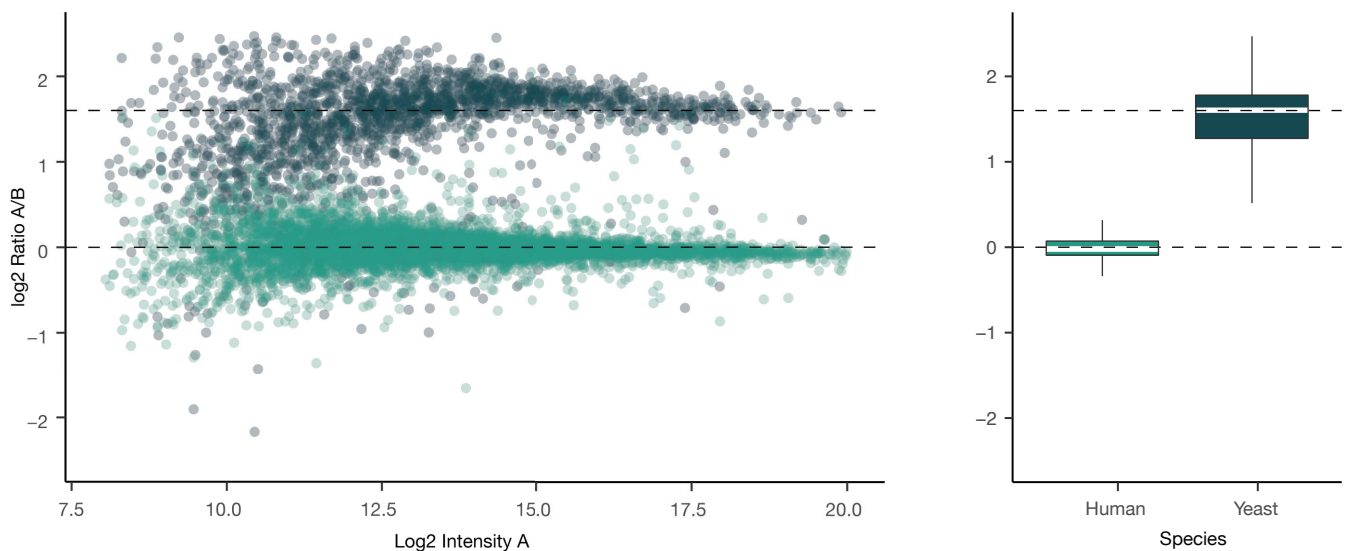
Identify more than 6000 proteins per sample using our 50 samples per day method (20 min gradient).



Identified unique proteins, peptides and average Full Width at Half Maximum (FWHM) from 80ng HeLa tryptic digest injection on an Aurora Elite™ 15cm x 75µm column using different gradient lengths. Samples were run on a Waters M-class UPLC coupled to a Bruker timsTOF Pro, dia-PASEF acquisition. Data analysed using DIA-NN

High quantitative accuracy

Identify large numbers of unique proteins without compromising quantitative accuracy



Yeast tryptic digest was spiked into a HeLa tryptic digest (200ng) in different ratios (Sample A - 45ng; Sample B - 15ng). Samples were run on a Waters M-class UPLC coupled to a Bruker timsTOF Pro, dia-PASEF acquisition using an Aurora 15cm x 75µm column. Data analysed using DIA-NN. Each point represents a unique protein with ratios calculated between the A and B samples. Boxplot demonstrating average ratio and interquartile range of data. Expected ratios are indicated with dashed lines.

15 cm nanoflow UHPLC packed emitter column with nanoZero® fitting.
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Toby Dite
Research Officer, WEHI

