Title (en)

IDENTIFICATION OF PROTEINS IN THE ABSENCE OF PEPTIDE IDENTIFICATIONS

Title (de)

IDENTIFIZIERUNG VON PROTEINEN IN ABWESENHEIT VON PEPTIDIDENTIFIZIERUNGEN

Title (fr)

IDENTIFICATION DE PROTÉINES EN L'ABSENCE D'IDENTIFICATIONS DE PEPTIDES

Publication

EP 3345003 A1 20180711 (EN)

Application

EP 16840911 A 20160819

Priority

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- IB 2016054990 W 20160819

Abstract (en)

[origin: WO2017037563A1] A plurality of measured product ion spectra are produced using a DIA tandem mass spectrometry method for a sample of two or more known proteins. A desired confidence probability for the identification of at least one known protein of two or more known proteins is received. Two or more combinations of N theoretical product ions that are exclusive to the at least one known protein are calculated. The at least one known protein is identified by finding product ions in the plurality of measured product ion spectra that match two or more of the two or more combinations of N theoretical product ions that provide a combined confidence probability greater than or equal to the desired confidence probability.

IPC 8 full level

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CPC (source: EP US)

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