

Correction to “Structural Characterization of Dihydrofolate Reductase Complexes by Top-Down Ultraviolet Photodissociation Mass Spectrometry”

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Page 9130. We would like to correct one sentence in the Experimental Section in the paragraph entitled Data Analysis. The following sentence was incorrect and confusing as originally written:

“For example, all product ions arising from backbone cleavages that occur N-terminal to a specific amino acid (yielding a_n , b_n , and c_n ions) were summed with all the complementary C-terminal product ions arising from the next flanking amino acid-containing backbone cleavage site (yielding complementary $x_{R-(n+1)}$, $y_{R-(n+1)}$, and $z_{R-(n+1)}$ ions), where R is the total number of amino acids in the protein.”

The corrected and streamlined sentence reads as follows:

“For example, all N-terminal product ions (a_n , b_n , and c_n ions) arising from backbone cleavages that occur C-terminal to a specific amino acid were summed with all the C-terminal product ions (x_{R-n+1} , y_{R-n+1} , and z_{R-n+1} ions) arising from cleavages that occur N-terminal to the same amino acid, where n is the residue number and R is the total number of amino acids in the protein.”

This correction does not affect the data, results, or interpretation, all of which used the correct equation for working up the data.