

Unexpected trypsin cleavage at ubiquitinated lysines

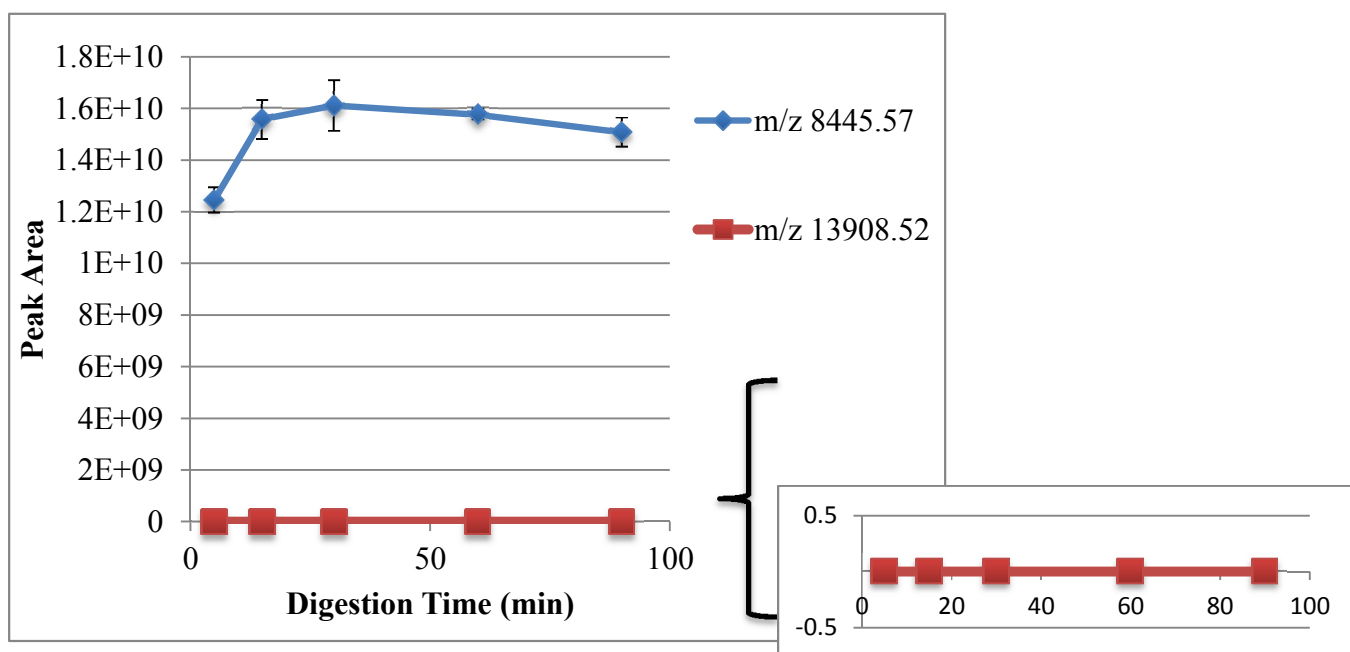
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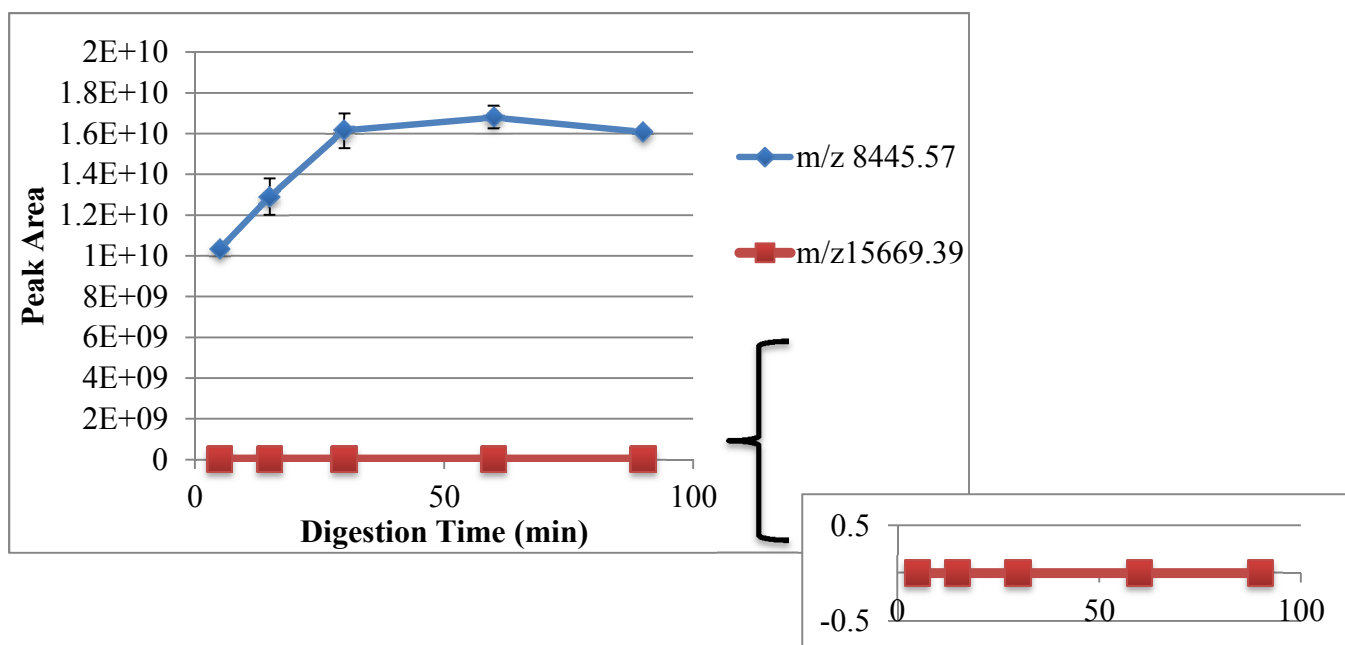
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Supplementary information

A)



B)



Supplemental Figure 1: Peak area as a function of time for the digestion of (A) Ub-⁴⁸Ub and (b) Ub-⁶³Ub. In (A) the ions monitored are 8445.57 Da: peptide [1-74] formed by cleavage at Arg74 in the distal ubiquitin; 13908.52 Da: the branched peptide formed by cleavage at Lys48 in the proximal chain of the intact dimer. In (B) the ions monitored are 8445.57 Da: peptide [1-74] formed by cleavage at Arg74 in the distal ubiquitin; 15669.39 Da: the branched peptide formed by cleavage at Lys63 in the proximal chain of the intact dimer. Standard deviations are shown for n=3.