



Title	Metabolic Mechanism of Mannan in a Ruminant Bacterium, <i>Ruminococcus albus</i> , Involving Two Mannoside Phosphorylases and Cellobiose 2-Epimerase : Discovery of a New Carbohydrate Phosphorylase, β -1,4-Mannooligosaccharide Phosphorylase
Author(s)	Kawahara, Ryosuke; Saburi, Wataru; Odaka, Rei et al.
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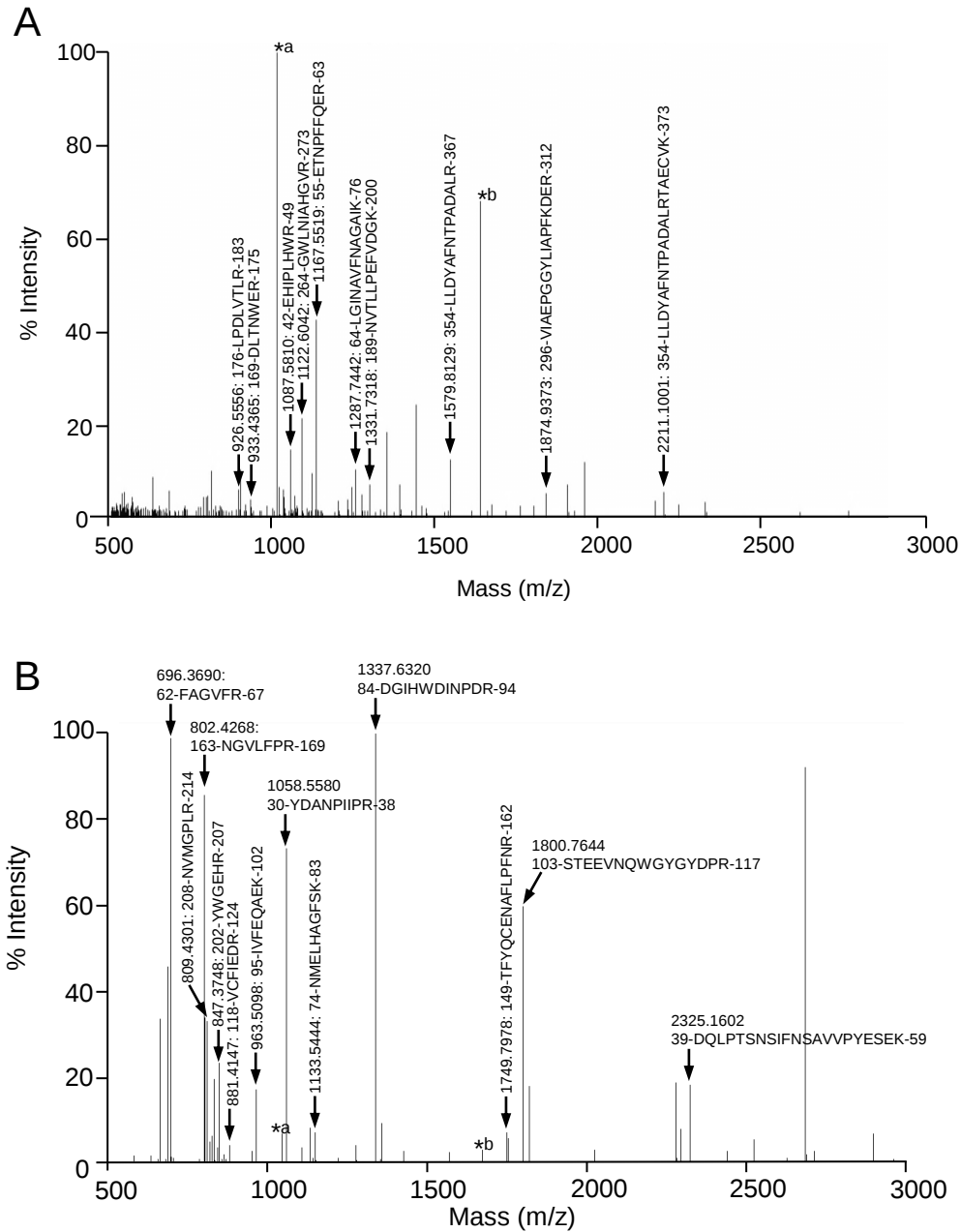


FIGURE S1. MALDI-TOF-MS analysis of tryptic peptides derived from RaMP1 and RaMP2 isolated from *R. albus* NE1. A, RaMP1; B, RaMP2. The spectrum was internally calibrated using the following standard proteins: *a, angiotensin (m/z 1046.5400); *b, neurotensin (m/z 1672.9175). Mass and amino acid sequence of the assigned peptide are shown above the peak.