

SUPPLEMENTARY MATERIAL

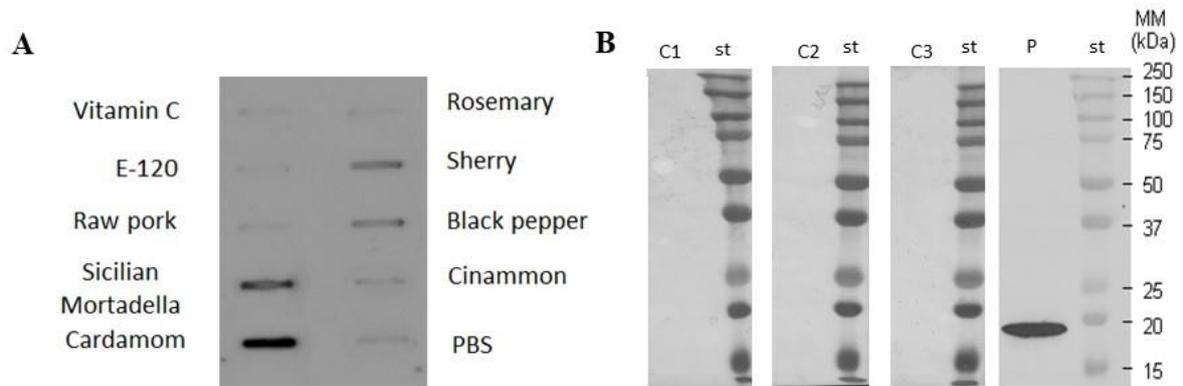


Figure S1. Detection of IgE-reactive proteins from serum of cardamom-sensitive patient. (A) Slot-blot against the additives of the Sicilian mortadella. (B) Western blot of cardamom extracts (~15 µg). Lane P, patient serum; lanes C1, C2 and C3, control sera as negative controls; lane St, standard of protein markers. MM, molecular mass of protein markers in kDa.

Figure S2. Mass spectra of IgE reactive proteins from cardamom extract. (A) Spectra show the peptide mass fingerprinting (PMF) corresponding to IgE reactive proteins (spots 1 and 2, Figure 1D) obtained by MALDI-TOF MS. Arrows indicate the 1646.9 peptide (m/z) with higher intensity. (B) MS/MS fragmentation spectra from peptide 1646.9 obtained by MS in tandem MALDI-LIFT-TOF/TOF for peptide identification. The spectra show m/z values as M+H⁺ ions, and their intensity is indicated in arbitrary units (A.U.).

