

SUPPLEMENTARY MATERIAL

Table S1. Proteins of watermelon extract reactive to IgE from watermelon sensitive patient serum identified by MALDI-TOF MS

N°	Protein Identification/ Synonym	Accession Number UniProt database ^a	Gene Name	pI	Molecular Weight (Da)	Protein Score ^b	Organism	Coverage (%)
1	Alpha-galactosidase	A0A0A0KM98	Csa_5G220910	5.61	48377	105	<i>Cucumis sativus</i>	36
2	Luminal-binding protein 5/ GRP-78	A0A1S3AU24	LOC10382828	5.10	73654	113	<i>Cucumis melo</i>	17
3	Alpha-galactosidase	A0A0A0KM98	Csa_5G220910	5.61	48377	92	<i>Cucumis sativus</i>	29

Abbreviations: Da, Daltons; MALDI-TOF, matrix-assisted laser desorption/ionization-time of flight; MS, mass spectrometry; pI, isoelectric point.

^aAccession number in the UniProt database (<https://www.uniprot.org/>, accessed on November 23th 2021).

^bProtein scores > 59 were significant (p<0.05) by peptide mass fingerprinting in the Mascot database search algorithm (Matrix Science, London, UK, (<https://www.matrixscience.com/>, accessed on November 23th 2021).