**Table S2**. List of proteins identified in the **gel slice b** (18-12 kDa) for each extraction procedures. Statistical parameters, number of unique peptides found for each protein, total spectra number assigned to each protein, protein molecular weight and Citrus Genome Database sequence or Uniprot ID are reported. NCBI description and accession ID obtained through BLAST search (blastp) of the recognized clementine proteins are also shown. The gray lanes specify the putative allergens identified.

| Procedure | rank | log(e) | log(I) | % measured | % corrected | unique peptides | spectra n° | MW | Citrus Genome/Uniprot Database ID | NCBI description and accession |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | -103,6 | 5 | 49 | 100+ | 14 | 28 | 24,2 | clementine0.9_021092m\| | germin-like protein [Citrus limon] AFN02126.1 |
| | 2 | -33 | 4,76 | 29 | 42 | 5 | 13 | 17 | clementine0.9_024225m\| | major allergen Pru ar 1 [Vitis vinifera] XP_002274108.2 |
| | 3 | -23,8 | 4,66 | 53 | 56 | 5 | 10 | 16,3 | clementine0.9_024678m\| | nucleoside diphosphate kinase 1 [Oryza sativa Indica Group] ABR25647.1 |
| | 4 | -21 | 4,63 | 28 | 53 | 3 | 12 | 19 | clementine0.9_023327m\| | predicted protein [Populus trichocarpa] >gb\|ABK93810.1\| XP_002307094.1 |
| | 5 | -20,2 | 4,41 | 9 | 10 | 3 | 7 | 47,8 | clementine0.9_010237m\| | 2-phospho-D-glycerate hydrolase [Citrus trifoliata] ADD12953.1 |
| | 6 | -18 | 4,08 | 15 | 48 | 3 | 6 | 16,3 | clementine0.9_024571m\| | putative ribosomal protein S14 [Wolffia arrhiza] ADV38313.1 |
| | 7 | -14 | 4 | 23 | 40 | 2 | 3 | 19 | clementine0.9_023429m\| | conserved hypothetical protein [Ricinus communis] >gb\|EEF39253.1 \|XP_002523068.1 |
| | 8 | -12,8 | 4 | 17 | 21 | 3 | 4 | 16,8 | tr\|Q9MBF3\|Q9MBF3_CITUN Glycine-rich RNA-binding protein | |
| | 9 | -11,2 | 4,49 | 18 | 26 | 2 | 7 | 17,8 | clementine0.9_024170m\| | heat shock protein [Citrus unshiu] BAK61831.1 |
| 2 | 1 | -46,9 | 4,57 | 41 | 93 | 8 | 11 | 24,2 | clementine0.9_021092m\| | germin-like protein [Citrus limon] AFN02126.1 |
| | 2 | -21,5 | 4,22 | 25 | 30 | 4 | 8 | 16,8 | tr\|Q9MBF3\|Q9MBF3_CITUN Glycine-rich RNA-binding protein | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | -18 | 4 | 34 | 36 | 4 | 7 | 16,3 | clementine0.9_024678m\| | nucleoside diphosphate kinase 1 [Oryza sativa Indica Group] ABR25647.1 |
| | 4 | -16,2 | 4 | 25 | 33 | 3 | 4 | 16 | clementine0.9_024848m\| | predicted protein [Populus trichocarpa] >gb\|EEE85908.1\| XP_002305397.1 |
| | 5 | -12,7 | 4 | 21 | 40 | 2 | 6 | 19 | clementine0.9_023327m\| | predicted protein [Populus trichocarpa] >gb\|ABK93810.1\| >gb\|EEE94090.1\| XP_002307094.1 |
| | 6 | -11,9 | 4 | 6,3 | 7 | 2 | 5 | 47,8 | clementine0.9_010237m\| | 2-phospho-D-glycerate hydrolase [Citrus trifoliata] ADD12953.1 |
| | 7 | -8,1 | 3,65 | 14 | 46 | 2 | 3 | 16,3 | clementine0.9_024571m\| | putative ribosomal protein S14 [Wolffia arrhiza] ADV38313.1 |
| | 8 | -7 | 4,17 | 4,7 | 7 | 2 | 4 | 56,1 | clementine0.9_007715m\| | Aspartic proteinase precursor, putative [Ricinus communis] >gb\|EEF32480.1\| XP_002529926.1 |
| | 1 | -29,9 | 4,68 | 12 | 17 | 4 | 16 | 39 | clementine0.9_014258m\| | predicted protein [Populus trichocarpa] >gb\|EEE80730.1\| XP_002301457.1 |
| | 2 | -26 | 4,33 | 28 | 30 | 5 | 6 | 20,3 | clementine0.9_023186m\| | ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit [Coffea arabica] CAD11990.1 |
| 3 | 3 | -15,6 | 4 | 27 | 61 | 3 | 6 | 24,2 | clementine0.9_021092m\| | germin-like protein [Citrus limon] AFN02126.1 |
| | 4 | -12,4 | 4,3 | 23 | 25 | 3 | 5 | 16,3 | clementine0.9_024678m\| | nucleoside diphosphate kinase 1 [Oryza sativa Indica Group] ABR25647.1 |
| | 5 | -11,5 | 3,96 | 6,3 | 7 | 2 | 4 | 47,8 | clementine0.9_010237m\| | 2-phospho-D-glycerate hydrolase [Citrus trifoliata] ADD12953.1 |
| | 6 | -9,6 | 4,12 | 23 | 38 | 2 | 4 | 14,1 | clementine0.9_025303m\| | Profilin-3 Q9M7N0.1 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | -9 | 3,98 | 24 | 31 | 2 | 5 | 14,8 | clementine0.9_025332m\| | PREDICTED: 40S ribosomal protein S15a-1-like [Glycine max] >ref\|XP_003529602.1\| NP_001238465.1 |
| 4 | 1 | -26,8 | 4,18 | 33 | 75 | 5 | 5 | 24,2 | clementine0.9_021092m\| | germin-like protein [Citrus limon] AFN02126.1 |
| | 2 | -11,6 | 4,01 | 21 | 40 | 2 | 4 | 19 | clementine0.9_023327m\| | predicted protein [Populus trichocarpa] >gb\|ABK93810.1\| >gb\|EEE94090.1\| XP_002307094.1 |
| | 3 | -9,9 | 4,25 | 25 | 26 | 3 | 6 | 16,3 | clementine0.9_024678m\| | nucleoside diphosphate kinase 1 [Oryza sativa Indica Group] ABR25647.1 |