

## Supplementary materials

### Supplementary table 1 Association between type of clinical presentation and specific IgE positivity.

Results of analysis performed also using a cut-off for specific IgE positivity of  $>0.35$ .

|                                                                  | Mild reaction | Anaphylaxis  | OR (95% CI)    | p-value |
|------------------------------------------------------------------|---------------|--------------|----------------|---------|
| <u><i>Pru p 3 and Tri a 14 <math>\geq 0.1</math>, n (%)</i></u>  | 18/73 (24.7)  | 33/82 (40.2) | 2.1 (1.0-4.1)  | 0.04    |
| <u><i>Pru p 3 and Tri a 14 <math>\geq 0.35</math>, n (%)</i></u> | 11/73 (15.1)  | 26/82 (31.7) | 2.6 (1.2-5.8)  | 0.02    |
| <u><i>Pru p 3 <math>\geq 0.1</math>, n (%)</i></u>               | 65/66 (98.5)  | 74/75 (98.7) | 1.1 (0.1-18.6) | 0.93    |
| <u><i>Pru p 3 <math>\geq 0.35</math>, n (%)</i></u>              | 63/66 (95.5)  | 72/75 (96.0) | 1.1 (0.2-5.9)  | 0.87    |
| <u><i>Tri a 14 <math>\geq 0.1</math>, n (%)</i></u>              | 20/28 (71.4)  | 35/46 (76.1) | 1.3 (0.4-3.7)  | 0.66    |
| <i>Tri a 14 <math>\geq 0.35</math>, n (%)</i>                    | 14/28 (50.0)  | 28/46 (60.9) | 1.6 (0.6-4.0)  | 0.36    |
| <i>LTP and Bet v 2 positivity, n (%)</i>                         | 1/24 (4.2)    | 4/23 (17.4)  | 4.8 (0.5-47.1) | 0.17    |
| <i>LTP and Pru p 4 positivity, n (%)</i>                         | 1/4 (25.0)    | 2/10 (20.0)  | 0.8 (0.1-11.7) | 0.84    |