Appendix

Table 1: 11 shrimp allergens identified in the study

- Tropomyosin (Pen m 1)
- Arginine kinase (Pen m 2)
- Myosin light chain 2 (Pen m 3)
- Sarcoplasmic calcium binding protein (Pen m 4)
- Troponin C (Pen m 6)
- Hemocyanin (Pen m 7)
- Triosephosphate isomerase (Pen m 8)
- Fatty acid-binding protein (Pen m 13)
- Glycogen phosphorylase (Pen m 14)
- Enolase (Eno)
- Aldolase (ALDA)

Table 2: The three shrimp allergens with top sensitivity and specificity in specific IgE test (in descending order):

<table>
<thead>
<tr>
<th>Hong Kong</th>
<th>Thailand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Troponin C (Pen m 6)</td>
<td>Sarcoplasmic calcium binding protein (Pen m 4)</td>
</tr>
<tr>
<td>Sarcoplasmic calcium binding protein (Pen m 4)</td>
<td>Tropomyosin (Pen m 1)</td>
</tr>
<tr>
<td>Fatty acid-binding protein (Pen m 13)</td>
<td>Troponin C (Pen m 6)</td>
</tr>
</tbody>
</table>