

Table I(Suppl) - Characteristics of wheat sensitized/allergic patients negative for omega-5 gliadin.

Patient number	Sex	Age	Atopy	Eczema	Rhinitis	Asthma	Food allergy	Food	HDM SPT	Wheat SPT	Shrimp SPT	Wheat IgE	Glutenin IgE	Gliadin IgE	Shrimp IgE	rPen a 1 IgE	Tri a 14 IgE
1	F	56	Yes	No	Yes	Yes	No	Wheat	N/A	+	N/A	0.13	0.13	Neg	Neg	N/A	Neg
2	M	27	Yes	No	Yes	No	Yes	Peach	-	+	-	0.70	Neg	Neg	Neg	N/A	0.12
3	F	19	Yes	No	No	No	Yes	Peach	+	+	-	1.25	Neg	Neg	Neg	N/A	0.64
4	M	21	Yes	No	Yes	No	Yes	Peach	+	+	-	2.97	0.35	Neg	Neg	N/A	0.40
5	M	70	Yes	No	No	No	Yes	Nuts	-	-	-	0.59	0.21	Neg	Neg	N/A	Neg
6	M	40	Yes	No	No	No	Yes	Shrimp	-	-	+	0.14	0.50	Neg	0.66	Neg	Neg
7	F	28	Yes	No	Yes	No	No		-	-	-	0.75	0.11	Neg	Neg	N/A	Neg
8	M	35	Yes	No	Yes	No	Yes	Wheat	-	+	-	2.26	2.08	0.57	Neg	Neg	Neg
9	F	48	Yes	No	Yes	No	No		+	-	-	Neg	0.52	Neg	Neg	N/A	Neg
10	M	30	Yes	No	No	No	Yes	Shrimp	+	-	-	3.38	4.89	0.23	0.18	Neg	Neg
11	M	60	Yes	No	No	No	Yes	Peach	-	-	-	Neg	Neg	Neg	Neg	N/A	0.29
12	M	31	Yes	No	No	No	Yes	Wheat	-	+	-	12.9	0.94	Neg	Neg	Neg	Neg
13	M	31	Yes	No	Yes	Yes	Yes	Peach	-	+	-	2.5	Neg	Neg	Neg	Neg	0.29

HDM: house dust mite including *Dermatophagoides pteronyssinus* or *Dermatophagoides farinae*; neg.: negative if < 0.10 kU/L; N/A: not assessed; rPen a: recombinant *Penaeus aztecus*; SPT: skin prick test. Wheat allergy diagnosis was made upon the combination of evidence of sensitization and consistent clinical manifestations.

Table II(Suppl) - Characteristics of shrimp allergic patients.

Patient number	Sex	Age	Atopy	Eczema	Rhinitis	Asthma	Food allergy [¥]	Food	HDM SPT	Wheat SPT	Shrimp SPT	Wheat IgE	Gluten IgE	Gliadin IgE	Shrimp IgE	rPen a 1 IgE	Tri a 19 IgE
1	F	57	Yes	No	Yes	No	No		+	-	+	Neg	Neg	Neg	5.72	3.45	Neg
2	F	26	Yes	No	Yes	No	Yes	Sesame	+	-	+	Neg	Neg	Neg	0.37	Neg	Neg
3	F	31	Yes	No	Yes	No	No		+	-	+	Neg	Neg	Neg	Neg	Neg	Neg
4	F	29	Yes	No	Yes	No	No		+	-	+	Neg	Neg	Neg	5.56	1.35	Neg
5	F	32	Yes	No	No	No	No		-	-	+	Neg	Neg	Neg	0.17	Neg	Neg
6	F	55	Yes	No	Yes	No	No		+	-	+	Neg	Neg	Neg	0.19	0.12	Neg
7	M	51	Yes	No	Yes	No	No		+	-	+	Neg	Neg	Neg	0.42	Neg	Neg
8	M	18	Yes	No	Yes	No	No		+	-	+	Neg	Neg	Neg	11.6	3.70	Neg
9	M	30	Yes	Yes	Yes	No	Yes	Fish	+	-	+	Neg	Neg	Neg	0.59	Neg	Neg
10	M	64	Yes	No	Yes	No	No		+	-	+	Neg	Neg	Neg	0.20	Neg	Neg
11	M	48	Yes	No	Yes	No	No		+	-	+	Neg	Neg	Neg	19.3	18.0	Neg
12	F	48	Yes	No	Yes	No	No		-	-	+	Neg	Neg	Neg	1.47	Neg	Neg
13	M	30	Yes	No	Yes	No	No		+	-	+	Neg	Neg	Neg	2.36	Neg	Neg

HDM: house dust mite including *Dermatophagoides pteronyssinus* or *Dermatophagoides farinae*; neg.: negative if < 0.10 kU/L; N/A: not assessed; rPen a: recombinant *Penaeus aztecus*; SPT: skin prick test. [¥]Any food allergy in addition to shrimp allergy. Shrimp allergy diagnosis was made upon the combination of evidence of sensitization and consistent clinical manifestations.