

## SUPPLEMENTARY MATERIAL

Supplementary Table 1. Clinical features and results of allergen-specific IgE test of the patients with red meat allergy

Patient	Age (years)/Gender	Symptoms after ingesting	Symptoms after ingesting	Allergen-specific IgE test (kUA/L)		
		red meat	flounder	Beef	Flounder	Bovine thyroglobulin
1	72/M	U, AP	U	4.81	<0.35	>100
2	76/F	U	U, Anaphylactic shock	3.29	<0.35	21.2
3	58/F	U	U, Anaphylactic shock	1.83	<0.35	16.8
4	47/F	U	U, Dyspnea	3.35	NT	8.33
5	70/M	U	U	20.7	<0.35	>100
6	78/M	U	U	2.62	<0.35	NT
7	65/M	U	U, Anaphylactic shock	30	<0.35	>100
8	69/F	U, AP, Diarrhea	U, Numbness in both hands	5.64	<0.35	>100
9	70/F	AP, Diarrhea	U	12.4	NT	>100
10	88/M	U	U	6.27	<0.35	15.0
11	66/M	U	U, Anaphylactic shock	2.7	<0.35	50.2
12	68/M	U	U	8.49	<0.35	15.8
13	76/M	U, Diarrhea	U, Diarrhea, Dyspnea	6.41	<0.35	28.4
14	64/F	U	U, Diarrhea, Vertigo	0.94	<0.35	25.3
15	82/M	U, Angioedema	U, Anaphylactic shock	6.37	<0.35	11.6
16	74/F	U, Anaphylactic shock	U, Anaphylactic shock	39.1	<0.35	92.1
17	72/M	U, Anaphylactic shock	U, Anaphylactic shock	6.46	<0.35	34.5
18	66/M	U, Anaphylactic shock	U	3.24	<0.35	28.7
19	78/F	U	U	7.23	<0.35	23.2
20	58/M	U, Anaphylactic shock	U	32.2	NT	>100
21	79/M	U	–	6.38	<0.35	89.4
22	61/M	U, Anaphylactic shock	–	0.54	<0.35	18.0
23	64/M	U, Anaphylactic shock	–	20.5	NT	>100
24	59/M	U, Dyspnea	–	26.9	NT	>100
25	37/M	U	–	1.8	<0.35	>100
26	80/F	U	–	1.84	<0.35	5.77
27	81/M	U	–	5.05	NT	6.94
28	81/F	U	–	1.58	<0.35	1.82
29	78/F	U, Anaphylactic shock	–	18.5	NT	>100
30	60/M	U	–	3.62	<0.35	9.78

U; urticaria, AP; abdominal pain, –; no symptoms, NT; not tested.