

## SUPPLEMENTARY MATERIAL

**Table E1. Patient characteristics**

Case	Sex	Age at onset (months)	OFC No	SI of wheat-LST	LST age (months)	Age at OFC (months)	OFC dose (g)	OFC result	Total IgE	Wheat-sIgE	ω5-gliadin-sIgE	Allergic comorbidity
1	M	7	1	3.08	10	12	2.5	Positive	12.9	< 0.10	< 0.10	E, IgEFA (hen's egg)
2	M	10	1	2.07	11	12	20	Negative	97.6	< 0.10	< 0.10	E
3	F	6	1	5.24	8	9	10	Positive	61.7	< 0.10	< 0.10	E
4	F	9	1	2.65	20	23	1	Positive	60.1	< 0.10	< 0.10	F (hen's egg)
5	M	10	1	2.47	25	25	50	Positive	105	< 0.10	< 0.10	-
			2	1.02	45	47	50	Negative				
6	M	8	1	2.85	29	32	3	Positive	85.1	< 0.10	< 0.10	-
			2	2.75	48	52	3	Positive	54.0	< 0.10	< 0.10	
			3	1.32	60	64	3	Negative	35.5	< 0.10	< 0.10	
			4				20	Positive				
			5	1.31	73	76	3	Negative	23.4	< 0.10	< 0.10	
			6	2.54	77	78	20	Positive	34.7	< 0.10	< 0.10	
7	M	8	1	2.36	11	12	5	Negative	34.6	< 0.10	< 0.10	E, F (hen's egg)
			2			18	20	Negative				

OFC, oral food challenge; LST, lymphocyte-stimulation test; E, eczema; IgEFA, IgE-mediated food allergy; F, food protein-induced enterocolitis syndrome unrelated to wheat; SI, stimulation index