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Supplemental Table 1. Food antigens distribution among non-IgE-GIFA phenotypes at enrolment

	FPE	FPIES	FPIAP	FPIMD	TOTAL
N (%)	48 (39.0)	21 (17.1)	20 (16.3)	34 (27.6)	123 (100.0)
Milk, N (%)	40 (83.3)	12 (57.1)	19 (95.0)	28 (82.4)	99 (80.5)
Egg, N (%)	12 (25.0)	7 (33.3)	2 (10.0)	8 (23.5)	29 (23.6)
Soy, N (%)	9 (18.8)	5 (23.8)	1 (5.0)	3 (8.8)	18 (14.6)
Rice, N (%)	3 (6.2)	7 (33.3)	0 (0.0)	2 (5.9)	12 (9.8)
Wheat, N (%)	6 (12.5)	8 (38.1)	0 (0.0)	3 (8.8)	17 (13.8)
Fish, N (%)	4 (8.3)	3 (14.3)	0 (0.0)	2 (5.9)	9 (7.3)
Legumes, N (%)	3 (6.2)	3 (14.3)	1 (5.0)	4 (11.8)	11 (8.9)
Meat, N (%)	4 (8.3)	3 (14.3)	2 (10.0)	3 (8.8)	12 (9.8)
Other Allergens, N (%)	5 (10.4)	3 (14.3)	0 (0.0)	3 (8.8)	11 (8.9)

FPE, food protein induced enteropathy; FPIES, food protein induced enterocolitis syndrome; FPIAP, food protein-induced allergic proctocolitis; FPIMD, food protein-induced allergic dysmotility disorders

Supplemental Table 2. Cumulative incidence of overall immune tolerance acquisition during 24-month follow-up

		Follow-up months			
	Baseline	6-mo incidence	12-mo incidence	18-mo incidence	24-mo incidence
FPE N, (%)	48 (39.0)	7 (14.6)	10 (20.8)	18 (37.5)	26 (54.2)
FPIES N, (%)	21 (17.1)	-	3 (14.3)	-	5 (23.8)
FPIAP N, (%)	20 (16.3)	5 (25.0)	9 (45.0)	10 (50.0)	15 (75.0)
FPIMD N, (%)	34 (27.6)	8 (23.5)	13 (38.2)	18 (52.9)	21 (61.8)
TOT	123 (100)	20 (16.3)	35 (28.5)	46 (37.4)	67 (54.5)

FPE, food protein induced enteropathy; FPIES, food protein induced enterocolitis syndrome; FPIAP, food protein-induced allergic proctocolitis; FPIMD, food protein-induced allergic dysmotility disorders

**Supplemental Table 3. Cumulative incidence of cow’s milk proteins tolerance acquisition during 24-month follow-up**

		Follow-up months			
	Baseline	6-mo incidence	12-mo incidence	18-mo incidence	24-mo incidence
FPE N, (%)	40 (40.4)	6 (15.0)	11 (27.5)	18 (45)	25 (62.5)
FPIES N, (%)	12 (12.1)	-	1 (8.3)	-	2 (16.7)
FPIAP N, (%)	19 (19.1)	5 (26.3)	9 (47.4)	10 (52.6)	15 (79.0)
FPIMD N, (%)	28 (28.3)	8 (28.6)	11 (39.3)	17 (60.7)	20 (71.4)
TOT	99 (100.0)	19 (19.1)	31 (31.3)	45 (45.5)	62 (62.6)

FPE, food protein induced enteropathy; FPIES, food protein induced enterocolitis syndrome; FPIAP, food protein-induced allergic proctocolitis; FPIMD, food protein-induced allergic dysmotility disorders

**Supplemental Table 4. Potential predictors on the occurrence of the immune tolerance to cow’s milk proteins at 24 months**

Age at onset	1.02						
	[0.91,1.14]						
Age at diagnosis	0.99						
	[0.94,1.04]						
Diagnostic delay	0.97						
	[0.92,1.04]						
Male sex	1.03						
	[0.46,2.34]						
Family history of allergy	0.51						
	[0.21,1.24]						
Multiple food allergies	0.28**						
	[0.12,0.66]						
FPE	1.00						
	[1.00,1.00]						
FPIES	0.12*						
	[0.02,0.62]						
FPIAP	2.25						
	[0.63,8.05]						
FPIMD	1.50						
	[0.53,4.24]						
Observations	99	99	99	99	99	99	99

FPE, *food protein induced enteropathy*; FPIES, *food protein induced enterocolitis syndrome*; FPIAP, *food protein-induced allergic proctocolitis*;  
FPIMD, *food protein-induced allergic dysmotility disorders*  
Values are odds ratios and 95% confidence intervals from univariable logistic regression.  
\*p<0.05, \*\*p<0.001

Supplemental Table 5. Rate of different allergic manifestations at 24-month follow-up

	FPE	FPIES	FPIAP	FPIMD	TOTAL
N (%)	48 (39.0)	21 (17.1)	20 (16.3)	34 (27.6)	123 (100.0)
Allergic Oculorhinitis, N (%)	8 (16.7)	4 (19.0)	2 (10.0)	9 (26.5)	23 (18.7)
Allergic Asthma, N (%)	4 (8.3)	0 (0.0)	1 (5.0)	2 (5.9)	7 (5.7)
Atopic Dermatitis, N (%)	11 (22.9)	5 (23.8)	4 (20.0)	7 (20.6)	27 (22.0)
IgE-mediated Food Allergy, N (%)	4 (8.3)	2 (9.5)	1 (5.0)	0 (0.0)	7 (5.7)

FPE, food protein induced enteropathy; FPIES, food protein induced enterocolitis syndrome; FPIAP, food protein-induced allergic proctocolitis; FPIMD, food protein-induced allergic dysmotility disorders