

Supplementary Materials

The association between polyunsaturated fatty acids in breast milk and infant eczema and its relationship with infant gut microbiota

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Supplementary Table 1. Baseline maternal and infant characteristics stratified according to the success status of infant stool sample collection

Variables	Eczema group (n = 25)		<i>p</i>	Control group (n = 50)		<i>p</i>
	Feces provided (n = 10)	No feces provided (n = 15)		Feces provided (n = 30)	No feces provided (n = 20)	
Maternal characteristics						
Age, years	33.8 ± 4.37	31.6 ± 2.87	0.141	32.1 ± 4.61	33.0 ± 3.83	0.490
BMI, kg/m ²	23.1 ± 1.93	24.4 ± 2.35	0.156	23.7 ± 2.78	24.7 ± 2.81	0.188
Education, n			0.115			0.051
Associate degree or below	5 (50.0%)	3 (20.0%)		8 (26.7%)	1 (5.0%)	
Bachelor's degree or above	5 (50.0%)	12 (80.0%)		22 (73.3%)	19 (95.0%)	
Parity, n			0.870			0.556
Nullipara	5 (50.0%)	7 (46.7%)		19 (63.3%)	11 (55.0%)	
Multipara	5 (50.0%)	8 (53.3%)		11 (36.7%)	9 (45.5%)	
Delivery Mode, n			0.566			0.203
Vaginal	7 (70.0%)	12 (80.0%)		14 (46.7%)	13 (65.0%)	
Cesarean	3 (30.0%)	3 (20.0%)		16 (53.3%)	7 (35.0%)	
Household characteristics						
Annual household income, n			0.115			0.430
< ¥150,000	5 (50.0%)	3 (20.0%)		9 (30.0%)	4 (20.0%)	
≥ ¥150,000	5 (50.0%)	12 (80.0%)		21 (70.0%)	16 (80.0%)	
Parental history of allergies, n			0.211			0.216
Yes	1 (10.0%)	0 (0.0%)		0 (0.0%)	1 (5.0%)	
No	9 (90.0%)	15 (100.0%)		30 (100.0%)	19 (95.0%)	
Use of disinfectants			0.327			1.000
Yes	4 (40.0%)	9 (60.0%)		18 (60.0%)	12 (60.0%)	
No	6 (60.0%)	6 (40.0%)		12 (40.0%)	8 (40.0%)	
Presence of pets			0.656			0.214
Yes	2 (20.0%)	2 (13.3%)		5 (16.7%)	1 (5.0%)	
No	8 (80.0%)	13 (86.7%)		25 (83.3%)	19 (95.0%)	
Infant characteristics						
Sex, n			0.742			0.105
Boy	6 (60.0%)	8 (53.3%)		19 (63.3%)	8 (40.0%)	
Girl	4 (40.0%)	7 (46.7%)		11 (36.7%)	12 (60.0%)	
Birth weight, g	3410 (2955, 5400)	3280 (3140, 3500)	0.890	3480 (3160, 3635)	3485 (3138, 3925)	0.081
Birth length, cm	50 (48, 50)	50 (49, 50)	0.397	50 (50, 51)	50 (50, 51)	0.361

BMI: Body mass index