

Supplemental Digital Content 9: Main analysis (before TG2 antibody development), stratified into subgroups

	Cases (n=25)	Controls (n=49)	Unadjusted	Adjusted^b	
	<i>Positives (n)/Total (N) samples (%)</i>		Odds ratio (95% CI)	Odds ratio (95% CI)	P value
Parechovirus					
while breastfed ^a	34/187 (18.2%)	54/441 (12.2%)	2.53 (1.03 – 6.23)	3.24 (1.06 – 9.90)	0.04
after end of any breastfeeding	24/138 (17.4%)	28/314 (8.9%)	1.58 (0.90 – 2.75)	1.63 (0.98 – 2.73)	0.06
before gluten introduction	4/51 (7.8%)	1/99 (1.0%)	n.a	n.a	n.a
after gluten introduction	54/274 (19.7%)	70/537 (13.0%)	1.66 (1.09 – 2.51)	1.74 (1.14 – 2.66)	0.01
during ^c gluten introduction	8/32 (25.0%)	5/58 (8.6%)	n.a	n.a	n.a
Anellovirus					
while breastfed ^a	123/138 (89.1%)	247/312 (79.2%)	2.31 (0.78 – 6.85)	2.60 (0.77 – 8.79)	0.12
after end of any breastfeeding	157/173 (90.8%)	376/419 (89.7%)	1.18 (0.45 – 3.10)	1.11 (0.38 – 3.23)	0.85
before gluten introduction	42/51 (82.4%)	69/98 (70.4%)	2.48 (0.57 – 10.69)	2.09 (0.30 – 14.65)	0.46
after gluten introduction	238/260 (91.5%)	445/514 (86.6%)	1.94 (0.90 – 4.22)	2.01 (0.84 – 4.77)	0.12
during ^c gluten introduction	31/32 (96.9%)	49/58 (84.5%)	1.27 (0.78 – 2.05)	1.20 (0.65 – 2.21)	0.56

n.a: not available. The low number of samples makes these analyses uninformative.

^a While the child was receiving any breastfeeding.

^b Positive samples \pm 1 month from parent-reported gluten introduction.

^c Adjusted for sex, age, age squared, month of sample collection, number of siblings, and family history of celiac disease.