

1 **Additional file 2.**
 2 **Odds ratios for prior antibiotic use in individuals with normal mucosa and**
 3 **positive coeliac disease serology ^a**

	Normal mucosa ^a			
	Cases n = 139 (%)	Controls n = 819 (%)	Odds ratio	95% CI
Any antibiotics^b	54 (38.8)	225 (27.5)	1.73	1.17 – 2.56

4 ^a Positive IgA Endomysial or tissue transglutaminase test 180 days before biopsy and until 30
 5 days after biopsy in individuals with normal mucosa.

6 ^b Antibiotics used between July 1st 2005 and January 29th 2008.

Odds ratios (ORs) for prior antibiotic use with adjustment for education level:

Coeliac disease: OR = 1.42; 95% CI = 1.29-1.56; Inflammation: OR = 1.90; 95% CI = 1.72-2.11; Normal mucosa with positive coeliac disease serology: OR = 1.59; 95% CI = 1.31-1.94.