

Table S2. Demographic table summarizing patient characteristics.

Diagnosis	number	percent female	Age (mean \pm SD)
CD	84	70%	6.1 \pm 3.7 ***
Disease controls	58	67%	11.6 \pm 4.5***
<i>Controls per diagnosis</i>			
Food Intolerance	4	100%	7.8 \pm 5.5
Eosinophil Esophagitis	1	0%	13.1 \pm 0
Gastritis	11	54%	11.2 \pm 3.8
GERD	24	62%	10.2 \pm 4.2
RAP	9	78%	12.9 \pm 4
Family history of CD	2	0%	2.6 \pm 1.2
Family history of UC	1	100%	16.5 \pm 1.9
Hyper-IgD syndrome	1	0%	14.8 \pm 0
IBS	1	0%	4.5 \pm 0
IgA deficiency	1	0%	16.8 \pm 0
Malabsorption syndrome	1	0%	9.5 \pm 0
Obstipation	2	100%	11.2 \pm 1.3
RAP & T1D	1	0%	16.8 \pm 0
GERD & T1D	1	100%	18.3 \pm 0

CD = Coeliac Disease, GERD = Gastroesophageal reflux disease, RAP = Recurrent abdominal pain, IBS = Irritable bowel syndrome, UC = Ulcerative Colitis, IGD = Immunoglobulin deficiency, T1D, type 1 diabetes, SD = standard deviation. *** $p < 0.001$