**SUPPLEMENTARY 1**

**Faecal donors**

Faecal donors were recruited according to the criteria listed below. Once recruited, the faecal donors were instructed to maintain their normal, healthy lifestyle during the collecting period. Faecal donors committed to avoid travel outside of Denmark and other behaviours associated with acquisition of any communicable diseases during the collecting period.

Inclusion criteria:

* Aged 20-65 years
* Previously and currently healthy
* Normal body weight (body mass index (BMI) between 18.5 and 24.9 kg/m2)
* Normal bowel movements (defined as 1-2 per day and type 3-4 at Bristol Stool Form Scale)
* No consumption of pharmaceutical or natural medicines

Exclusion criteria:

* Known chronic inflammatory disease (Crohn’s disease, Ulcerative Colitis, coeliac disease, rheumatoid arthritis or another autoimmune joint disease, disseminated sclerosis, psoriasis)
* Diabetes mellitus
* Previous bowel surgery, excluding appendectomy
* Positive stool sample for *Clostridium difficile* toxin, Vancomycin-resistant *Enterococcus*, Carbapenemase-producing Organisms, Extended-spectrum beta-lactamases, diarrhoea-genic *E.coli*, parasites, Adenovirus and Rotavirus, enteropathogenic bacteria (*Campylobacter*, *Salmonella*, *Shigella*, *Yersinia*)
* Positive screening for human immunodeficiency virus (HIV), hepatitis A virus (HAV), hepatitis B virus (HBV), hepatitis C virus (HCV), cytomegalovirus (CMV) or Epstein-Barr virus (EBV)
* Faecal calprotectin >50 µg/g
* Acute bowel infection with diarrhoea and/or rectal bleeding within the previous 6 months
* Antimicrobial therapy within the previous 6 months
* Tattoo or body piercing within the previous 6 months
* Participation in high-risk sexual behaviours
* Travel to area with a high occurrence of infectious diseases within the previous 6 months
* Blood transfusion within the previous 6 months