**Supplementary file 1**

The TOPIC recruitment team was responsible for patient recruitment and collection of clinical data. Compensation was given to the members of the recruitment team for additional biochemical measurements and examinations that had to be performed for the TOPIC study. TOPIC recruitment team members are: Department of Gastroenterology, Academisch Ziekenhuis Maastricht, Maastricht, The Netherlands – AAM Masclee, MD; PhD, M Pierik, MD, PhD; W Mares, MD; W Hameeteman, MD, PhD; Department of Gastroenterology, Rijnstate Ziekenhuis Arnhem, Arnhem, The Netherlands - PJ Wahab, MD; PhD, H Seinen, MD, PhD; Department of Gastroenterology, Amphia Ziekenhuis, Breda, The Netherlands – MCM Rijk, MD, PhD; IM Harkema, MD; Department of Gastroenterology, Atrium Medisch Centrum, Heerlen, The Netherlands – M de Bièvre, MD; L Oostenbrug, MD, PhD; CM Bakker, MD, PhD; M Aquarius, MD; C van Deursen, MD, PhD; AB van Nunen, MD, PhD; JG Goedhard, MD, PhD; M Hamacher, MD; Department of Gastroenterology, Bernhoven Hospital, Oss, The Netherlands – IAM Gisbertz, MD, PhD; BJ Brenninkmeijer, MD, PhD; Department of Gastroenterology, Canisius Wilhelmina Ziekenhuis, Nijmegen, The Netherlands – ACITL Tan, MD, PhD; MN Aparicio-Pagés, MD, PhD, EM Witteman, MD, PhD; Department of Gastroenterology, Diakonessenhuis, Utrecht, The Netherlands – SAC van Tuyl, MD; R Breumelhof, MD, PhD; Department of Gastroenterology, Catharina Ziekenhuis, Eindhoven, The Netherlands – A Stronkhorst, MD, PhD; LPL Gilissen, MD, PhD; EJ Schoon, MD, PhD; Department of Gastroenterology, Elkerliek Ziekenhuis, Helmond, The Netherlands – JWM Tjhie-Wensing, MD; A Temmerman, MD; HagaZiekenhuis, ‘s-Gravenhage, The Netherlands – JJ Nicolaï, MD, PhD; Department of Gastroenterology, Gelderse Vallei Hospital, Ede, The Netherlands – JD van Bergeijk, MD, PhD; DJ Bac, MD, PhD; BJM Witteman, MD, PhD; N Mahmmod, MD; JJ Uil, MD, PhD; H Akol, MD, PhD; Department of Gastroenterology, Ikazia Hospital, Rotterdam, The Netherlands – RJTh Ouwendijk, MD, PhD; Department of Gastroenterology, Jeroen Bosch Hospital, ‘s-Hertogenbosch, The Netherlands – IP van Munster, MD, PhD; M Pennings, MD; AMP De Schryver, MD, PhD; ThJM van Ditzhuijsen, MD, PhD; RCH Scheffer, MD, PhD; TEH Römkens, MD; DL Schipper, MD, PhD; Department of Gastroenterology, Laurentius Hospital, Roermond, The Netherlands – PJ Bus, MD; Department of Gastroenterology, Máxima Medisch Centrum, Eindhoven-Veldhoven, The Netherlands – JWA Straathof, MD, PhD; ML Verhulst, MD, PhD; PJ Boekema, MD, PhD; JTh Kamphuis, MD; HJ van Wijk, MD, PhD; JMJL Salemans, MD, PhD; Department of Gastroenterology, Meander MC, Amersfoort, The Netherlands – JR Vermeijden, MD; Department of Gastroenterology, MC Haaglanden, Den Haag, The Netherlands – SDJ van der Werf, MD, PhD; RJ Verburg MD, PhD; Department of Gastroenterology, Medisch Centrum Leeuwarden, Leeuwarden, The Netherlands – P Spoelstra, MD, PhD; JML de Vree, MD, PhD; K van der Linde, MD, PhD; HJA Jebbink, MD, PhD; M. Jansen; H. Holwerda; Department of Gastroenterology, Medisch Spectrum Twente, Enschede, The Netherlands – N van Bentem, MD; JJ Kolkman, MD, PhD; MGVM Russel, MD, PhD; GH van Olffen, MD; MJ Kerbert-Dreteler, MD; M Bargeman, MD, PhD; JM Götz, MD, PhD; R Schröder, MD; Department of Gastroenterology, Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands – JM Jansen, MD; Department of Gastroenterology, Orbis Medisch Centrum, Sittard-Geleen, The Netherlands – LP Bos, MD, PhD; LGJB Engels, MD, PhD; MJL Romberg-Camps, MD; ETP Keulen, MD, PhD; Department of Gastroenterology, Radboud university medical center, Nijmegen, The Netherlands - AAJ van Esch, MD; JPH Drenth, MD, PhD; MCA van Kouwen, MD, PhD; GJA Wanten, MD, PhD; TJ Bisseling, MD, PhD; TEH Römkens, MD; MWJ van Vugt; Department of Gastroenterology, Slingeland Hospital, Doetinchem, The Netherlands – PC van de Meeberg, MD, PhD; SJ van den Hazel, MD, PhD; Department of Gastroenterology, St Elisabeth Ziekenhuis, Tilburg, The Netherlands – WNHM Stuifbergen, MD, PhD; MJAL Grubben, MD, PhD; U de Wit, MD, PhD; GAH Dodemont, MD, PhD; RF Eichhorn, MD; Department of Gastroenterology, Tergooiziekenhuizen, Blaricum-Hilversum, The Netherlands – JMH van den Brande, MD, PhD; AHJ Naber, MD, PhD; EJ van Soest, MD, PhD; PJ Kingma, MD, PhD; Department of Gastroenterology, TweeSteden Ziekenhuis, Tilburg, The Netherlands - NC Talstra, MD; KF Bruin, MD, PhD; FHJ Wolfhagen, MD, PhD; Department of Gastroenterology, University Medical Centre Leiden, Leiden, The Netherlands – DW Hommes, MD, PhD; PPJ van der Veek, MD, PhD; JCA Hardwick, MD, PhD; RJ Stuyt, MD, PhD; HH Fidder, MD; Department of Gastroenterology, University Medical Centre Utrecht, Utrecht, The Netherlands – B Oldenburg, MD, PhD; Department of Gastroenterology, Ziekenhuisgroep Twente, Hengelo, The Netherlands – TG Tan, MD.