

**Table S1** Details of biopsy specimens and results from each patient

Specimens	Results*
Patient 2	
Age 4 days (ileostomy, appendectomy, full thickness biopsies)	
Ileum	Sparse and low number of ganglions and ICCs on myenteric plexus
Appendix	No ganglion cells and ICCs with irregular myenteric plexus
Sigmoid colon	Sparse and low number of ganglions and ICCs on myenteric plexus
Age 2 months (jejunostomy, ileum resection)	
Jejunum	Normal amount and size of ganglion cells as well as ICCs
Patient 3	
Age 2 days (jejunostomy, appendectomy, full-thickness biopsies)	
Jejunum	Normal amount and size of ganglion cells as well as ICCs
Ileum	Sparse and low number of ganglions and ICCs on myenteric plexus
Appendix	No ganglion cells and ICCs with irregular myenteric plexus
Sigmoid colon	Sparse and low number of ganglions and ICCs on myenteric plexus
Age 6 months (jejunostomy reconstruction)	
Jejunum	Normal amount and size of ganglion cells as well as ICCs
Age 2 years (subtotal colectomy, pull through, full-thickness biopsies)	
Jejunum	Normal amount and size of ganglion cells as well as ICCs
Sigmoid colon	Sparse and low number of ganglion cells and ICCs on myenteric plexus
Patient 4	
Age 1 day (ileostomy, appendectomy, full-thickness biopsies)	
Ileum, dilated part	Sparse and low number of ganglions and ICCs on myenteric plexus
Terminal ileum, narrow part	No ganglion cells and ICCs on myenteric plexus
Appendix	No ganglion cells and ICCs with irregular myenteric plexus
Sigmoid colon	Sparse and low number of ganglions and ICCs on myenteric plexus
Age 20 days (adhesionolysis, partial ileum resection, ileostomy reconstruction)	
Ileum, proximal to prior ileostomy site	Ganglion cells were present but in small amount
Age 10 months (jejunostomy, ileum resection, subtotal colectomy, full-thickness biopsies)	
Jejunum	Normal amount and size of ganglion cells as well as ICCs
Sigmoid colon	Sparse and low number of ganglion cells and ICCs on myenteric plexus
Age 2 years (transanal pull-through, full thickness biopsies)	
Jejunum	Sparse and low number of ganglion cells and ICCs on myenteric plexus
Sigmoid colon	No ganglion cells and ICCs on myenteric plexus

\*, results were based on subjective evaluation of hematoxylin and eosin-stained sections. ICCs, interstitial cells of Cajal.