Figure S1

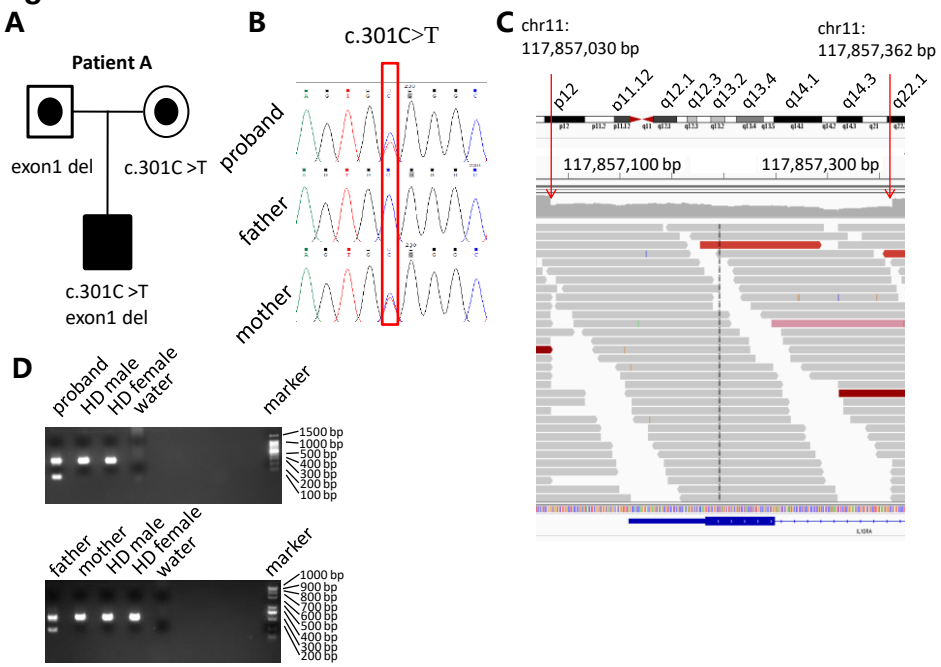

Figure S1. Identification of novel 333 bp deletion spanning *IL10RA* exon1 in patient A. A, WGS revealed compound heterozygous variants of the *IL10RA* gene in paitent A with VEO-IBD. **B**, Sanger DNA sequencing verified a compound heterozygous variant (c.537G>A) inherited from the mother in patient A. **C**, WGS data show sequencing read pairs at breakpoints chr:117,857,030 and chr:117,857,362 of the *IL10RA* gene. **D**, PCR validated the heterozygous deletion of 333 bp spanning exon1 inherited from the father. *WGS*, whole genome sequencing;*VEO-IBD*, very early-onset inflammatory bowel disease; *bp*, base pair; *PCR*, polymerase chain reaction; HD, healthy donor.

Figure S2

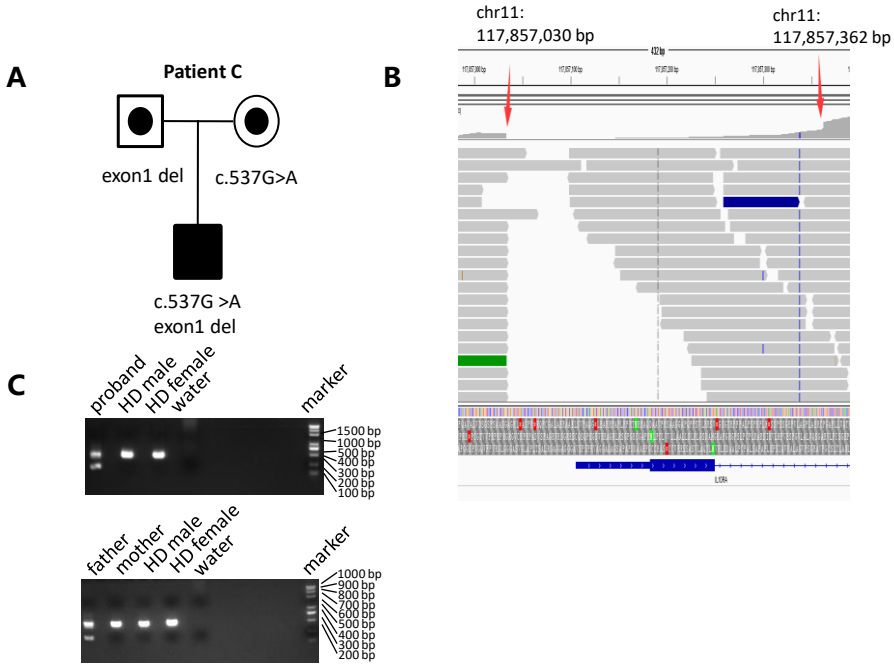

Figure S2. Identification of novel 333 bp deletion spanning *IL10RA* exon1 in patient C. A, WGS revealed compound heterozygous variants of the *IL10RA* gene in paitent C with VEO-IBD. **B**, WGS data show sequencing read pairs at breakpoints chr:117,857,030 and chr:117,857,362 of the *IL10RA* gene. **C**, PCR validated the heterozygous deletion of 333 bp spanning exon1 inherited from the father. *WGS*, whole genome sequencing;*VEO-IBD*, very early-onset inflammatory bowel disease; *bp*, base pair; *PCR*, polymerase chain reaction; HD, healthy donor.