

Table S1. Bacterial strains used in this study.

Species	Strain	Source ^a	Reference ^b
<i>Alistipes shahii</i>	4-1	Donor A	This work
<i>Alistipes finegoldii</i>	4-24	Donor A	This work
<i>Bacteroides caccae</i>	10-2I	Donor A	This work
<i>Bacteroides uniformis</i>	10-2B	Donor A	This work
<i>Bacteroides ovatus</i>	4-5	Donor A	This work
	10-4X	Donor A	This work
	MM-V6-C	Donor A	This work
	MM-V6-D	Donor A	This work
<i>Bacteroides thetaiotaomicron</i>	FM-V6-A	Donor A	This work
<i>Bifidobacterium adolescentis</i>	4-40	Donor A	This work
<i>Blautia luti</i>	4-33B	Donor A	This work
<i>Citrobacter freundii</i>	MM-V6-F	Donor A	This work
<i>Clostridium hathewayi</i>	10-40	Donor A	This work
<i>Clostridium subterminale</i>	10-2J	Donor A	This work
<i>Clostridium symbiosum</i>	10-2R	Donor A	This work
<i>Clostridium aldenense</i>	16-6-S 15-L-S	Donor C	This work
	4-8	Donor A	This work
	WAL18727	Feces from healthy female child	HMP reference strain
	22-5 3 13D6FAA	Donor B	This work
<i>Clostridium asparagiforme</i>	WAL19147	Isolated from human peritoneal fluid	HMP reference strain
	1/7/47FAA	Sigmoid colon biopsy specimen from 25-year-old female with active CD	HMP reference strain
	CCUG48471	Human feces	CCUG
<i>Clostridium bolteae</i>	10-2P	Donor A	This work
	22-5-S 3D6FAA	Donor B	This work
	FM-V6-B	Donor A	This work
	WAL14578	Feces from autistic male child	HMP reference strain
<i>Clostridium citroniae</i>	WAL16351	Feces from autistic child	HMP reference strain
	FM-V5D	Donor A	This work
	FM-V5E	Donor A	This work
	WAL19142	Human peritoneal fluid	HMP reference strain
	WAL17108	Feces from autistic male child	HMP reference strain
<i>Clostridium clostridioforme</i>	16-6-S 4LS	Donor C	This work
	2/1/49FAA	Cecum biopsy sample from a 28-year-old male with active UC	HMP reference strain
	4-30	Donor A	This work
	ATCC29084	Human feces	ATCC
	CC43001H	Colon cancer tumor biopsy tissue	M. Castellarin <i>et al.</i> , Genome Res. 22:299-306, 2012.
	CC43001JA	Colon cancer tumor biopsy tissue	M. Castellarin <i>et al.</i> , Genome Res. 22:299-306, 2012.
<i>Clostridium innocuum</i>	ATCC29084	Human feces	ATCC
	WAL7855	Appendix tissue from adult male	HMP reference strain
<i>Clostridium saccharolyticum</i>	10-4J	Donor A	This work
<i>Clostridium scindens</i>	4-12	Donor A	This work
<i>Enterobacter ludwigii</i>	10-2F	Donor A	This work
	BBE-V6-A	Donor A	This work

<i>Escherichia/Shigella</i>	MM-V5-A	Donor A	This work
<i>Herbaspirillum</i>	10-2D	Donor A	This work
<i>Megasphaera micronuciformis</i>	10-4B	Donor A	This work
	10-4D	Donor A	This work
<i>Salmonella enterica</i>	SL1344	Bowel of calf with salmonellosis	J. D. Rankin, and R. J. Taylor, Vet. Rec. 78:706-707, 1966.

^aCD: Crohn's disease; UC: ulcerative colitis. ^bATCC: American Type Culture Collection; CCUG: Culture Collection, University of Göteborg; HMP: Human Microbiome Project.