

TABLE S1

UniProt acc. no.	Organism	Reference
P19412	<i>Clostridium scindens</i> VPI 12708	1
B0NI18	<i>Clostridium scindens</i> ATCC 35704	2
B4YSU1	<i>Clostridium hylemonae</i> DSM 15053	3
Q9RB47	<i>Clostridium hiranonis</i> DSM 13275	4

References

1. Dawson JA, Mallonee DH, Björkhem I, Hylemon PB. 1996. Expression and characterization of a C₂₄ bile acid 7 α -dehydratase from *Eubacterium* sp. strain VPI 12708 in *Escherichia coli*. *J Lipid Res* 37:1258–1267.
2. Bhowmik S, Chiu HP, Jones DH, Chiu HJ, Miller MD, Xu Q, Farr CL, Ridlon JM, Wells JE, Elsliger MA. 2016. Structure and functional characterization of a bile acid 7 α dehydratase BaiE in secondary bile acid synthesis. *Proteins* 84:316–331.
3. Ridlon JM, Kang DJ, Hylemon PB. 2010. Isolation and characterization of a bile acid inducible 7 α -dehydroxylating operon in *Clostridium hylemonae* TN271. *Anaerobe* 16:137–146.
4. Wells JE, Hylemon PB. 2000. Identification and characterization of a bile acid 7 α -dehydroxylation operon in *Clostridium* sp. strain TO-931, a highly active 7 α -dehydroxylating strain isolated from human feces. *Appl Environ Microbiol* 66: 1107–1113.