

Table S10. Fatty acid composition of strain CJ426^T and related type strains. Strains: 1, CJ426^T; 2, *P. hibiscisoli* THG-DN5.5^T; 3, *P. yanshanensis* HAMBI 3031^T; 4, *P. defluvii* I65^T; 5, *P. ginsengisoli* GR10-1^T; 6, *P. aquatica* RP-2^T; 7, *N. beijingensis* 3A5MI-3^T; 8, *N. soli* DSM 19437^T; 9, *N. tibetensis* 15-4^T; 10, *N. agricola* CC-SYL272^T; 11, *N. pedocola* JCM 31011^T; 12, *N. aurantiaca* DSM 17617^T; 13, *N. drilacis* DSM 25811^T; 14, *N. hirudinis* DSM 25812^T; 15, *N. ginsenosidivorans* BS26^T. -, Fatty acid amounts < 1.0% or not detected. The data for strain CJ426 was obtained from this study, while the data for other strains were taken from published literature.

[illegible]

C _{18:1} <i>ω</i> 9 <i>c</i>	-	-	1.3	-	-	-	-	1.0	-	1.9	-	-	-	-	-
anteiso-C _{17:1} <i>ω</i> 9 <i>c</i>	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-
Hydroxy															
C _{16:0} 3-OH	2.0	1.8	1.9	-	3.1	1.8	2.4	2.2	3.3	4.2	2.0	2.4	3.5	1.9	1.2
iso C _{15:0} 3-OH	2.8	3.0	2.6	2.9	3.0	2.8	1.7	2.2	2.4	3.2	2.8	2.9	-	3.8	2.9
iso C _{17:0} 3-OH	14.0	12.7	12.9	9.9	11.8	13.9	11.4	11.8	13.2	13.8	12.6	15.5	9.2	9.7	16.4
Summed feature 3[†]	7.2	7.2	7.2	8.6	7.8	12.5	7.1	11.1	16.0	13.4	14.4	10.6	10.7	5.2	14.4

*iso-C_{15:1} G should correspond to either iso- C_{15:1} *ω*6*c* and/or iso- C_{15:1} *ω*7*c*.

†Summed features represent groups of two or three fatty acids that could not be separated by GLC with the MIDI system. Summed feature 3 comprises C_{16:1} *ω*7*c* and/or C_{16:1} *ω*6*c*.