

Table S1. General features of the *Acetobacterium bakii* DSM 8239 genome. (Taxonomy ID: 52689)

Feature	This study	Hwang. et al (2015)
Scaffolds	2 (4,284,306 and 34,875 bp)	90 (Scaffold N50: 103,215 bp)
Genome size	4,319,181 bp	4,135,218 bp
GC content (%)	41.3	41.2
Total genes	4151 (100.0%)	3843 (100%)
rRNA/tRNA/ncRNA	22/69/87 (4.3%)	5/47/1 (1.4%)
Protein encoding sequences	3973 (95.7%)	3718 (96.7%)
Genes with Pfam domains	3327 (80.1%)	3153 (82.0%)
Genes with signal peptides	163 (3.9%)	153 (4.0%)
CRISPR repeat arrays	1	1
Accession number	ERS1833159	NZ_LGYO00000000.1