

**IAM 19011**  
Clostridium  
acetobutylicum

**JCM 7828**  
Clostridium  
beijerinckii

**McCoy A-14**  
**McCoyA-14**  
**A-14**

**NRRL B-594**  
**NRRL 594**

**ATCC 10132**  
Clostridium  
beijerinckii

**CCT 0483**  
Clostridium  
acetobutylicum

**DSM 1739**  
Clostridium  
beijerinckii

**L.S. McClung 2287**  
**L.S. McClung 2287**  
**2287, McClung**  
**McClung 2287**

**CCRC 11523**  
**BCRC 11523**

**CDBB 53**  
Clostridium  
acetobutylicum

**KCTC 1669**  
Clostridium  
acetobutylicum

**LBG 181**

**LBG 182**

**LMG 5715**  
Clostridium  
acetobutylicum

**NCIMB 8049**  
**NCIB 8049**

**NCIM 2878**  
Clostridium  
acetobutylicum

**VTT E-77057**  
Clostridium  
beijerinckii