**Supplementary Table 3:** List of target sequences used in this study

|  |  |  |
| --- | --- | --- |
| **Gene (locus tag)** | **Target sequence (+ PAM)** | **Location on *M. acetivorans* chromosome** |
| *mmcA* (MA0658) | AGTTACAGCAATACTCTTCA**CGG**  TGAATACCCAAGAGAAGAAT**AGG** | 776339 – 776358 (- strand)  774977 – 774996 (- strand) |
| *ccmABC* (MA1428-1430) | AAAAGAGGGTCAAAAAGAGC**AGG**  AGGTCAAGGGCTTTCAGGAC**AGG** | 1698029 – 1698048 (+ strand)  1700643 – 1700662 (+ strand) |
| *ccmF2* (MA3304) | CAGGCAGGACAGGAAATTTC**TGG**  GTCCCTGATTCCCTGGCTTA**CGG** | 4078616 – 4078635 (- strand)  4077905 – 4077924 (- strand) |
| *ccmF1* (MA3305) | CACAGAGACTGTAGCAAATA**TGG**  TCTCCCGGAAACGGCCTTTC**CGG** | 4079700 – 4079719 (+ strand)  4078,828 – 4078847 (- strand) |
| *ccmE* (MA4149) | TGGTGTGACATCATTTGAAC**TGG** | 5066266 - 5066285 (+ strand) |
| *ccmG* (MA4254) | GCATCTGTAATCTTTACGGC**AGG** | 5177988 – 5178007 (+ strand) |
| *ccdA* (MA4255) | TCTCCTTGTAGGGCTCTGGA**TGG** | 5179184 – 5179203 (+ strand) |