**Supporting Information**

**Table S1: Primers used in this study.**

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| --- | --- | --- | --- |
| 1. **Knockout construction**   PknF LF F  PknF LF R  PknF RF F  PknF RF R  **Knockout confirmation**  PknF F  PknF R   1. **Complemented mutant construction**   PknF comp F  PknF comp R | AAGGAGATATCGGGCAACCTGGACTCGGTAGAC  CAGGAAAGCTTGGGGGCGACAAGTGACTCTCCGGTAG  GTAAGGTCTAGAGGGTGGTCGGCTTGCCTGA  ATAATGGTACCGGGCGGGTATCCGGGTGGTG  CTGGACTCGGTAGACGGGGCAGATCTC  GGAACTCCGCACGCGACAAGTGAC  AAGGAATTC ATG CCG CTC GCA GAA GGT TC  AAAAAGCTT TCA TGG CCA GCC GTT GCT TCT |  |  |