

1 **Supplementary Table 1. Primers.**

2	PCR product	Primer name	Sequence 5' to 3' ^a
3	<i>cwlJ1</i> truncation	352	<u>GGGGACAAGTTTGTACAAAAAAGCAGGCT</u> A ^a AAAGAGAGGTGACACATAATGG
4		353	<u>GGGGACCACTTTGTACAAGAAAGCTGGGT</u> CCATAAGGCAAAATTTGCAGGCC
5	<i>cwlJ2</i> truncation	348	<u>GGGACAAGTTTGTACAAAAAAGCAGGCT</u> CAGAAAGGTGGTATCACTATGCC
6		349	<u>GGGGACCACTTTGTACAAGAAAGCTGGGT</u> CGAGCACGTTGATAAAAAATATCCG
7	<i>sleB</i> truncation	350	<u>GGGGACAAGTTTGTACAAAAAAGCAGGCT</u> AAGGAGGGAAATTTATGCC
8		351	<u>GGGGACCACTTTGTACAAGAAAGCTGGGT</u> CCATTTGGAACATTTGTCCC
9	<i>cwlJ1</i> entire ORF	359	CGCGCGGCGGCTATGGTTTCTTAGACGGTAG
10		362	CGCG <i>GATCC</i> GTACCGAGTGAGCTACCGCGCTC
11	<i>cwlJ2</i> entire ORF	363	CGCGCGGCGGCGGAGGAGGAAAATGCATATG
12		366	CGCG <i>GATCC</i> GGTTCCAATCTAATTCTTGAAACGC
13	<i>sleB</i> entire ORF	288	CGCGCGGCGGCGCTCGTCTTCTGGAACGACAC
14		372	CGCCTGCAGTTCAAAACAAGATGTTGCAC
15	pBKJ236::Δ <i>cwlJ1</i>	360	GCCCGCGCGG CCAACGCCATTATGTGTCACCTCTC
16		361	GCCCGCGCGG CGTATATTAAGGATTGATAATGAGGAGGG
17	pBKJ236::Δ <i>cwlJ2</i>	364	GCCCGCGCGG CCTCACGGTAGTAAAATTTGGAACGC
18		365	GCCCGCGCGG CAAGGGGCATAGTGATAACCACC
19	pBKJ236::Δ <i>sleB</i>	289	GCCCGCGCGG CACCTCCCTGCTATTTTAAAAATAGCTT
20		290	GCGAGGTGCCGCGCGG GCAAGATCGGGAAACATATTTTC

21 ^a *att* sites for the Gateway system are underlined, *NotI* sites are underlined and italicized, *Bam*HI sites are italicized and in bold, *Pst*I sites are italicized, and *Bgl*II sites are in bold.