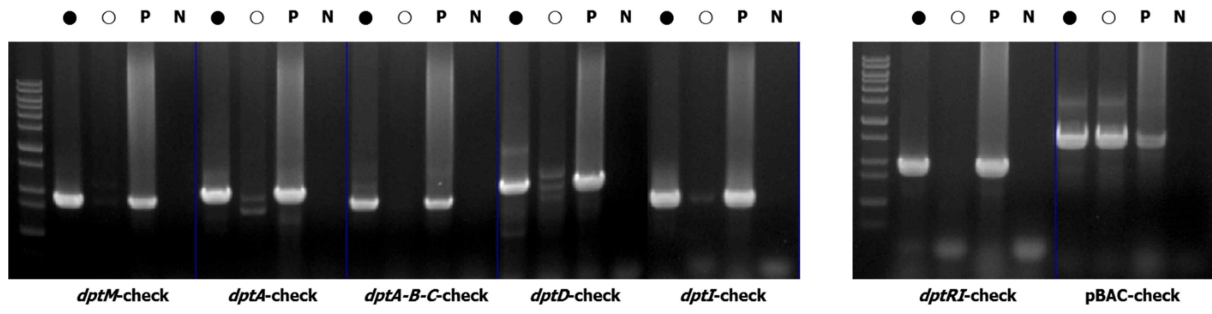


Table S1. Primer list used in this study

Oligonucleotide	Primer sequence (5'-3')	Purpose
<i>dptM</i> -check		
F	tcgttccgctgttctctt	Check primers for pDPT001
R	aggagaaccgttcacca	
<i>dptA</i> -check		
F	cgtttctgtctccgaactga	Check primers for pDPT001
R	cgaagaacacgtcgtccgt	
<i>dptA-B-C</i> -check		
F	tctgctgactacatggt	Check primers for pDPT001
R	ggtccgtacgagcacgaa	
<i>dptD</i> -check		
F	cttcccgaccagcccgcgta	Check primers for pDPT001
R	ggccgcctgttgatctt	
<i>dptI</i> -check		
F	gagacgattctcggcatggt	Check primers for pDPT001
R	cggccgagaaacggaagat	
<i>dptRI</i> -check		
F	agcggacgaactccgggtgta	Check primers for pDPT001
R	ttgaggacctgcatcagacg	
pSBAC-check		
F	ttcatatctcattgcccc	Check primers for pDPT001
R	gtttatcaccaccgaeta	

Supplementary Figure 1. Genetic confirm of pDPT001. ● : pDPT001; ○ : pSBAC; P : chromosomal DNA containing pSAMD; N : negative control



Supplementary Figure 2. LC-MS mass spectrogram of daptomycin and derivatives generated by *S. coelicolor* DPT101. The peaks for (1) daptomycin (m/z 810.8630 $[M+H]^{2+}$), (2) A21978C₁ (m/z 817.8697 $[M+H]^{2+}$), (3) A21978C₂ (m/z 824.8781 $[M+H]^{2+}$) and (4) A21978C₃ (m/z 831.8851 $[M+H]^{2+}$) are indicated

