

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

Primers	Sequence (5'-3')
Primers for sequencing	
<i>adeA</i> -F	ATGCAAAAGCATCTTTTACTTCCT
<i>adeA</i> -R	TCATGGTTGTGCCCTTCAG
<i>adeB</i> -F	ATGATGTCACAATTTTTTATTCGTCG
<i>adeB</i> -F2	TGGTTTGACCGTAGTTTC
<i>adeB</i> -R	TTAAGATGAGATTTTTTTCTTAGAGG
<i>adeB</i> -R2	CATAAATGCTGTTGGCCA
<i>adeC</i> -F	ATGTCTAAATCGACAATCGTATCT
<i>adeC</i> -R	TTAGACTTTTGATATTCCTCCTCCT
<i>adeR</i> -F	ATGTTTGATCATTCTTTTTCTT
<i>adeR</i> -R	TTAGGCGTCATCTTTTACAG
<i>adeR</i> -R2	ATAACACTCATGCCTTCACG
<i>adeS</i> -F	CTGTAAAAGATGACGCCTAA
<i>adeS</i> -R	AAAATAGCTTTAAAACGATCCAT
<i>adeS</i> -R2	GCTTAAAGTCCGTAAGTC
<i>rpsJ</i> -F	GCAATAGAGTTCGTGGTCAAT
<i>rpsJ</i> -R	ATACCACATTTGCGACCGAC
Primers for identification	
<i>tet(X)</i> -F <sup>a</sup>	ACGGAAGTTGAAGAAACAGG
<i>tet(X)</i> -R <sup>a</sup>	ATTCCAAAATGCAATGCACC
<i>tet(X4)</i> -F	ATGTCGAGCAAGGAAGCAAA
<i>tet(X4)</i> -R	CATCTCCAAGTAGCGTCACC
<i>tet(X5)</i> -F	GGGCCAACCCTACACTTC
<i>tet(X5)</i> -R	TTGGTGATCCACATCTCGT
Primers for qRT-PCR	
<i>qadeB</i> -F	TGGTTTGACCGTAGTTTC
<i>qadeB</i> -R	CATAAATGCTGTTGGCCA
<i>qadeS</i> -F	CATGAGTTAAGAACGCCT
<i>qadeS</i> -R	GCTTAAAGTCCGTAAGTC

**Supplementary Fig. S1.** The relative mRNA expression levels of *adeB* and *adeS* in the three wild-type isolates (FA56, FA154, and F-1757) and their tigecycline-resistant subpopulations (FA#-R) and mutants obtained after serial passages in the antibiotic-free media (FA#-R-P10, FA#-R-P20, and FA#-R-P30). The expression was measured as a relative quantity by qRT-PCR using the reference gene *rpoB*.

