

Table S1. Plasmids used in this study

Plasmid	Description*	Reference or source
pXAC623	Suicide vector derived from pKTN701 containing the <i>sacB</i> gene of <i>B. subtilis</i> ; Cm ^r	[1]
pRK415	Broad-host-range plasmid (~10.5 kb); Tc ^r	[2]
pXACΔpeuA	pXAC623 containing a 1,315-bp <i>XhoI/SalI-XbaI</i> fragment with a 1,646-bp deletion in <i>peuA</i> ; Cm ^r	This study
pXACΔpeuRS	pXAC623 containing a 1,391-bp <i>XbaI-XbaI</i> fragment with a 1,654-bp deletion in <i>peuA</i> ; Cm ^r	This study
pXACΔtonB1	pXAC623 containing a 1,259-bp <i>SacI-SacI</i> fragment with a 507-bp deletion in <i>tonB1</i> ; Cm ^r	[3]
pXACΔtonB2	pXAC623 containing a 1,198-bp <i>SacI-SacI</i> fragment with a 504-bp deletion in <i>tonB2</i> ; Cm ^r	[3]
pXACΔtonB3	pXAC623 containing a 1,466-bp <i>SacI-SacI</i> fragment with a 511-bp deletion in <i>tonB3</i> ; Cm ^r	[3]
pXACΔpvuA1	pXAC623 containing a 1,151-bp <i>XbaI-XhoI/SalI</i> fragment with a 1,657-bp deletion in <i>pvuA1</i> ; Cm ^r	[3]
pXACΔpvuA2	pXAC623 containing a 1,281-bp <i>XbaI-XhoI/SalI</i> fragment with a 1,712-bp deletion in <i>pvuA2</i> ; Cm ^r	[3]
pXACΔhutA	pXAC623 containing a 1,713-bp <i>KpnI-KpnI</i> fragment with a 1,889-bp deletion in <i>hutA</i> ; Cm ^r	This study
pXACΔfhuA	pXAC623 containing a 2,252-bp <i>XhoI/SalI-XbaI</i> fragment with a 1,221-bp deletion in <i>fhuA</i> ; Cm ^r	This study
pXACΔiutA	pXAC623 containing a 1,436-bp <i>XbaI-XhoI/SalI</i> fragment with a 1,951-bp deletion in <i>iutA</i> ; Cm ^r	This study
pXACΔVP0168	pXAC623 containing a 1,107-bp <i>XbaI-XbaI</i> fragment with a 1,220-bp deletion in <i>VP0168</i> ; Cm ^r	This study
pRK415-peuA	pRK415 containing a 2,960-bp <i>XbaI-XbaI</i> fragment with full-length <i>peuA</i> ; Tc ^r	This study
pRK415-peuRS	pRK415 containing a 3,045-bp <i>XbaI-XbaI</i> fragment with full-length <i>peuRS</i> ; Tc ^r	This study

*Ap^r, ampicillin resistance; Cm^r, chloramphenicol resistance; Tc^r, tetracycline resistance

References

1. Kuroda T, Mizushima T, Tsuchiya T (2005) Physiological roles of three Na⁺/H⁺ antiporters in the halophilic bacterium *Vibrio parahaemolyticus*. *Microbiol Immunol* 49: 711-719.
2. Keen NT, Tamaki S, Kobayashi D, Trollinger D (1988) Improved broad-host-range plasmids for DNA cloning in gram-negative bacteria. *Gene* 70: 191-197.
3. Tanabe T, Funahashi T, Okajima N, Nakao H, Takeuchi Y et al. (2011) The *Vibrio parahaemolyticus* *pvuA1* gene (formerly termed *psuA*) encodes a second ferric vibrioferrin receptor that requires *tonB2*. *FEMS Microbiol Lett* 324: 73-79.