

Suppl. Table 1: Bacterial strains and plasmids used in this study.

Bacterial Strain	Genotype or Description	Source
D1585 $\Delta pilA$	Clean deletion of <i>pilA</i> in D1585	McCutcheon et al., 2018
D1585 $\Delta pilT$	Clean deletion of <i>pilT</i> in D1585	This study
280 $\Delta pilA$	Clean deletion of <i>pilA</i> in 280	McCutcheon et al., 2018
<i>E. coli</i> S17-1	Conjugative donor strain	Simon et al., 1983
<i>E. coli</i> DH5 α	Host for plasmid cloning	Hanahan et al., 1991
Plasmids		
pBBR1MCS	Broad-host range cloning vector, Cm ^R	Kovach et al., 1994
pD1585pilA	pBBR1MCS carrying D1585 <i>pilA</i> , Cm ^R	McCutcheon et al., 2018
pD1585pilT	pBBR1MCS carrying D1585 <i>pilT</i> , Cm ^R	This study
p280pilA	pBBR1MCS carrying 280 <i>pilA</i> , Cm ^R	McCutcheon et al., 2018
pEX18Tc	Tc ^R , <i>oriT</i> , <i>sacB</i> , gene replacement vector	Hoang et al., 1998
pD1585 $\Delta pilT$	pEX18Tc, 2 kb $\Delta pilT$ D1585 region	This study