

Table S1. Plasmids used in this study.

<i>E. coli</i> strain (GCE) Number	Plasmid	Description
2800	pASD1	Wild-type <i>hrpA</i> in pET-15b
2804	pASD5	Wild-type <i>hrpA</i> in pJET
2806	pASD7	E127A- <i>hrpA</i> in pET-15b
2807	pASD8	D126A- <i>hrpA</i> in pET-15b
2813	pASD14	T160A- <i>hrpA</i> in pET-15b
2814	pASD15	I285A- <i>hrpA</i> in pET-15b
2819	pASD20	S158A- <i>hrpA</i> in pET-15b
2159	pPOH62-1	<i>hrpA</i> complementation plasmid
3213	pPOH86	D126A- <i>hrpA</i> in pPOH62-1
3214	pPOH87	E127A- <i>hrpA</i> in pPOH62-1
3215	pPOH88	S158A- <i>hrpA</i> in pPOH62-1
3217	pPOH90	I285A- <i>hrpA</i> in pPOH62-1