Table S2. Strains and plasmids used in this study

Strain or plasmid	Description	Reference or source		
Strain				
DH5α	Cloning, F^- Φ80*lac*ZΔM15 Δ(*lac*ZYA-*arg*F) U169 *rec*A1 *end*A1 *hsd*R17(r_k^-, m_k^+) *pho*A *sup*E44*thi*-1 *gyr*A96 *rel*A1 λ^-	Invitrogen		
W3110	Glycocompetent *E. coli rph-1* IN(*rrnD-rrnE*)	(1)		
BL21 (DE3)		New England BioLabs		
Campylobacter jejuni 81-176	Protein expression, *huA2 [lon] ompT gal (λ DE3) [dcm] ΔhsdS λ DE3 = λ sBamHIo ΔEcoRI-B int::(lacI::PlacUV5::T7 gene1) i21 Δnin5*	(2)		
Plasmids			**Forward primer**	**Reverse primer**
RK212.2	Helper plasmid for conjugation Tet^R, $Carb^R$	(3)		
pACYC::*pgl*	Constitutive expression of *pgl* locus, Cm^R	(4)		
pET24a	Expression vector, IPTG inducible, Kan^R	Novagen		
pET24a::*peb3-cyt*	Δ1-20, deletion of Sec signal sequence for cytoplasmic expression, C-terminal his6x tag	This study	TAATTCCATATGGATGTAAACCTTTACGGACC	TCAGAAATCTGAGTTCTCTCCAGCCGTATTT
pET24a::*peb3-cyt* N90Q	Mutation of glycosylation site	This study	GTGATTTTGGAAAAGATTTTCAGGTGAGTAAAATCAAGCCTTTA	TAAAGGCTTGATTTTACTCACCTGAAAATCTTTTCCAAAATCAC
pET24a::*peb3-cyt* N90Q D68N	Substitution of glycosylation consensus sequence DFNVS at residues 66-70	This study	GGTTTGAAAAGGCTAAAAAAGATTTTAATGTGAGTTTTGGCGCTTCAGATCAATCG	CGATTGATCTGAAGCGCCAAAACTCACATTAAAATCTTTTTTAGCCTTTTCAAACC
pET24a::*peb3-cyt* N90Q G72N	Substitution of glycosylation consensus sequence DFNVS at residues 70-74	This study	GGCTAAAAAAGATGCAGATATTGATTTTAATGTGTCAGATCAATCGGCTTTAGCTATAG	CTATAGCTAAAGCCGATTGATCTGACACATTAAAATCAATATCTGCATCTTTTTTAGCC
pET24a::*peb3-cyt* N90Q Q152N	Substitution of glycosylation consensus sequence DFNVS at residues 150-154	This study	GTTTGGGAAGATATGATAGGTGATTTTAATGTGAGTAAAACCATACAAAATTTTAGAAAC	GTTTCTAAAATTTTGTATGGTTTTACTCACATTAAAATCACCTATCATATCTTCCCAAAC

pET24a::*peb3-cyt* N90Q A179N	Substitution of glycosylation consensus sequence DFNVS at residues 177-181	This study	CAAATAGTGGAAGTGCAAGAAAGGATTTTAA TGTGAGTCAAGCCGATGCTTGGATCACTTG	CAAGTGATCCAAGCATCGGCTTGACTCACA TTAAAATCCTTTCTTGCACTTCCACTATTTG
pET24a::*peb3-cyt* N90Q I199N	Substitution of glycosylation consensus sequence DFNVS at residues 197-201	This study	GACTGGTCAAAAAGCAATGATTTTAATGTGAG TGCCGTAGCTATAGAAA	TTTCTATAGCTACGGCACTCACATTAAAAT CATTGCTTTTTGACCAGTC
pET22b::*ycbK*	*pelB* sequence replaced with *E. coli ycbK* signal sequence (TAT)	This study	TAATTCCATATGGACAAATTCGACGCTAATCG	TCAGAAAGGATCCGAGTGTTGCAAACGCA GGGGTCG
pET22b::*torAcj*	*pelB* sequence replaced with *C. jejuni torA* signal sequence (TAT)	This study	TAATTCCATATGCTAGATAGAAGAAAATTTTT AAAAATTG	TCAGAAAGGATCCTTTTGAAGCTTCTACGG TTTTTCCTGC
pBAD::mNectarine	Expression vector, arabinose inducible, Amp^R	(5)		
pBAD::*peb3*	Full length *peb3*, C-terminal his tag	This study	TAATTTCATGAAAAAAATTATTACTTTATTTG G	TCAGAAGAATTCTCAGTGGTGGTGGTGGTG GTGCTCG
pBAD::*ycbK::peb3*	Replacement of Sec signal sequence (1-20) with Tat signal sequence from *ycbk*	This study	TAATTTCATGAAAGACAAATTCGACGCTAATC GCC	TCAGAAGAATTCTCAGTGGTGGTGGTGGTG GTGCTCG
pBAD::*pelB::acrA*	*pelB* N-terminal signal sequence replaced 1-22	This study	TAATTTCATGAAATACCTGCTGCCGACCGCTG CT	TCAGAAGAATTCTCAGTGGTGGTGGTGGTG GTGCTCG
pBAD::*ycbK::acrA*	*ycbK* N-terminal signal sequence replaced 1-22	This study	TAATTTCATGAAAGACAAATTCGACGCTAATC GCC	TCAGAAGAATTCTCAGTGGTGGTGGTGGTG GTGCTCG
pCE111/28	*C. jejuni* expression vector, Cm^r *flaA* s^{28} promoter, derivative of pRY111	(6, 7)		
pCE111/28::rbs	Insertion of RBS before BamHI site	This study	GATCAGAAGGAGATATAG	GATCCTATATCTCCTTCT
pCE111/28H::rbs	Insertion of His-tag after XhoI site	This study	TCGAGCACCACCACCACCACCACTGAGGTAC	CTCAGTGGTGGTGGTGGTGGTGC
pCE111/28 H::rbs::*peb3*	Full length *peb3*	This study		
pCE111/28 H:: rbs::*torA::peb3*	*torAcj* N-terminal signal sequence replaced 1-22	This study		
pCE111/28 H:: rbs::*pelB::acrA*	*pelB* N-terminal signal sequence replaced 1-22	This study		
pCE111/28H:: rbs::*torA::acrA*	*torAcj* N-terminal signal sequence replaced 1-22	This study		

Restriction sites are underlined

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