Table 1. Bacterial strains used in this study.

Strain	Genotype	Source or reference
B. dolosa		
*Bd*AU0158		BcRLR*
Δ*bcp-1*		(1)
Δ*bcp-2*		(1)
Δ*bcp-3*		This study
ΔΔΔ	*Bd*AU0158 Δ*bcp-1*Δ*bcp-2*Δ*bcp-3*	This study
*Bd*AU0158	*Bd*AU0158 *att*Tn7::Km	This study
*Bd*AU0158	*Bd*AU0158 *att*Tn7::Tet	This study
Δ*bcp-1*	*Bd*AU0158 Δ*bcp-1 att*Tn7::Km	This study
Δ*bcp-1*	*Bd*AU0158 Δ*bcp-1 att*Tn7::Tet	This study
Δ*bcp-1 att*Tn7::*bcpI-1*	*Bd*AU0158 Δ*bcp-1 att*Tn7::*bcpI-1*-Km	This study
Δ*bcp-1 att*Tn7::*bcpI-2*	*Bd*AU0158 Δ*bcp-1 att*Tn7::*bcpI-2*-Km	This study
Δ*bcp-2*	*Bd*AU0158 Δ*bcp-2 att*Tn7::Km	This study
Δ*bcp-2 att*Tn7::*bcpI-2*	*Bd*AU0158 Δ*bcp-2 att*Tn7::*bcpI-2*-Km	This study
Δ*bcp-2 att*Tn7::*bcpI-1*	*Bd*AU0158 Δ*bcp-2 att*Tn7::*bcpI-1*-Km	This study
Δ*bcp-3*	*Bd*AU0158 Δ*bcp-3 att*Tn7::Km	This study
Δ*bcp-3 att*Tn7::*bcpI-3*	*Bd*AU0158 Δ*bcp-3 att*Tn7::*bcpI-3*-Km	This study
bcp-3^{C}	*Bd*AU0158ΩpAP29	This study
Δ*bcp-3*	*Bd*AU0158 Δ*bcp-3 att*Tn7::Tet	This study
Δ*bcp-3 att*Tn7::*bcpI-3*	*Bd*AU0158 Δ*bcp-3 att*Tn7::*bcpI-3*-Tet	This study
P$_{bcp-1}$-*lacZ*	*Bd*AU0158 *att*Tn7::P$_{bcp-1}$-*lacZ*	This study
P$_{bcp-2}$-*lacZ*	*Bd*AU0158 *att*Tn7::P$_{bcp-2}$-*lacZ*	This study
P$_{bcp-3}$-*lacZ*	*Bd*AU0158 *att*Tn7::P$_{bcp-3}$-*lacZ*	This study
P$_{S12}$-*lacZ*	*Bd*AU0158 *att*Tn7::P$_{S12}$-*lacZ*	This study
lacZ	*Bd*AU0158 *att*Tn7::*lacZ*	This study
P$_{bcpI-3}$-*lacZ*	*Bd*AU0158 *att*Tn7::P$_{bcpI-3}$-*lacZ*	This study
Δ*bcp-1 att*Tn7::*bcpI*$_{E264}$	*Bd*AU0158 Δ*bcp-1 att*Tn7::*bcpI*$_{E264}$-Tet	This study
Δ*bcpO-1*	*Bd*AU0158 Δ*bcpO-1 att*Tn7::Km	This study
Δ*bcpO-2*	*Bd*AU0158 Δ*bcpO-2 att*Tn7::Tet	This study
bcp-3^{C}Δ*bcpO-3*	*Bd*AU0158ΩpAP29 Δ*bcpO-3*	This study
Δ*bcpO-3*	*Bd*AU0158 Δ*bcpO-3 att*Tn7::Tet	This study
B. thailandensis		
*Bt*E264		(2)
Δ*bcpAIOB*		(3)
*Bt*E264	*Bt*E264 *att*Tn7::Cm	(3)
Δ*bcpAIOB*	*Bt*E264 Δ*bcpAIOB att*Tn7::Km	(3)

Δ*bcpAIOB att*Tn7::*bcpI*$_{AU0158-1}$	*Bt*E264 Δ*bcpAIOB att*Tn7::*bcpI*$_{AU0158-1}$-Km	This study
E. coli		
BL21(DE3) pAP30	pET-28(a)::*bcpA-1-CT*	This study
BL21(DE3) pAP31	pET-28(a)::*bcpA-1-CT—bcpI-1*	This study
BL21(DE3) pAP46	pET-28(a)::*bcpI-1*	This study
BL21(DE3) pAP32	pET-28(a)::*bcpA-2-CT*	This study
BL21(DE3) pAP33	pET-28(a)::*bcpA-2-CT—bcpI-2*	This study
BL21(DE3) pAP47	pET-28(a)::*bcpI-2*	This study
BL21(DE3) pAP34	pET-28(a)::*bcpA-3-CT*	This study
BL21(DE3) pAP35	pET-28(a)::*bcpA-3-CT—bcpI-3*	This study
BL21(DE3) pAP48	pET-28(a)::*bcpI-3*	This study

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Table 2. Plasmids used in this study.

Plasmid	Backbone	Description	Antibiotic Resistance	Source or Reference
pEXKm5	--	Allelic exchange vector	Km	(4)
pAP10	pEXKm5	To delete *Bd*AU0158 *bcp-3*	Km	This study
pAP49	pEXKm5	To delete *Bd*AU0158 *bcpO-1*	Km	This study
pAP50	pEXKm5	To delete *Bd*AU0158 *bcpO-2*	Km	This study
pAP51	pEXKm5	To delete *Bd*AU0158 *bcpO-3*	Km	This study
pUC18Tmini-Tn7T-Km	--	To deliver Km^R cassette to *att*Tn7 site	Amp, Km	(5)
pUC18Tmini-Tn7T-Tet	pUC18Tmini-Tn7T-Km	To deliver Tet^R cassette to *att*Tn7 site	Amp, Tet	(3)
pTNS3	--	Helper plasmid to deliver cassettes to *att*Tn7 site	Amp	(6)
pUCS12Km	pUC18Tmini-Tn7T-Km	To deliver P_{S12}-driving cassettes to the *att*Tn7 site	Amp, Km	(3)
pAP3	pUCS12Km	To deliver *Bd*AU0158 *bcpI-1* to *att*Tn7 site	Amp, Km	This study
pAP5	pUCS12Km	To deliver *Bd*AU0158 *bcpI-2* to *att*Tn7 site	Amp, Km	This study
pAP42	pUC18Tmini-Tn7T-Tet	To deliver *Bd*AU0158 *bcpI-3* (constitutively expressed) to *att*Tn7 site	Amp, Tet	This study
pAP29	pUCS12Km	1^{st} 501 bp of *Bd*AU0158 *bcpA-3*, used to generate *Bd*AU0158 $bcp\text{-}3^C$	Amp, Km	This study
pMA43	pUC18Tmini-Tn7T-Tet	To deliver *Bt*E264 *bcpI* (constitutively expressed) to *att*Tn7 site	Amp, Tet	(3)
pUC*lacZ*	pUC18Tmini-Tn7T-Km	To deliver promoterless *lacZ* to *att*Tn7 site	Amp, Km	(3)
pECG10	pUC*lacZ*	To deliver P_{S12}-*lacZ* to *att*Tn7 site	Amp, Km	(3)
pAP23	pUC*lacZ*	500 bp upstream of *Bd*AU1058 *bcp-1*, to generate *Bd*AU0158 $P_{bcp\text{-}1}$-*lacZ* reporter	Amp, Km	This study
pAP22	pUC*lacZ*	300 bp upstream of *Bd*AU1058 *bcp-2*, to generate *Bd*AU0158 $P_{bcp\text{-}2}$-*lacZ* reporter	Amp, Km	This study
pAP24	pUC*lacZ*	500 bp upstream of *Bd*AU1058 *bcp-3*, to generate *Bd*AU0158 $P_{bcp\text{-}3}$-*lacZ* reporter	Amp, Km	This study

pAP61	pUC*lacZ*	Last 500 bp of *Bd*AU1058 *bcpA-3*, to generate *Bd*AU0158 P_{bcpI-3}-*lacZ* reporter	Amp, Km	This study
pET-28(a)	--	IPTG-inducible expression vector	Km	Novagen
pAP30	pET-28(a)	*Bd*AU0158 *bcpA-1-CT*	Km	This study
pAP31	pET-28(a)	*Bd*AU0158 *bcpA-1-CT—bcp-I-1*	Km	This study
pAP46	pET-28(a)	*Bd*AU0158 *bcpI-1*	Km	This study
pAP32	pET-28(a)	*Bd*AU0158 *bcpA-2-CT*	Km	This study
pAP33	pET-28(a)	*Bd*AU0158 *bcpA-2-CT—bcp-I-2*	Km	This study
pAP47	pET-28(a)	*Bd*AU0158 *bcpI-2*	Km	This study
pAP34	pET-28(a)	*Bd*AU0158 *bcpA-3-CT*	Km	This study
pAP35	pET-28(a)	*Bd*AU0158 *bcpA-3-CT—bcp-I-3*	Km	This study
pAP48	pET-28(a)	*Bd*AU0158 *bcpI-3*	Km	This study

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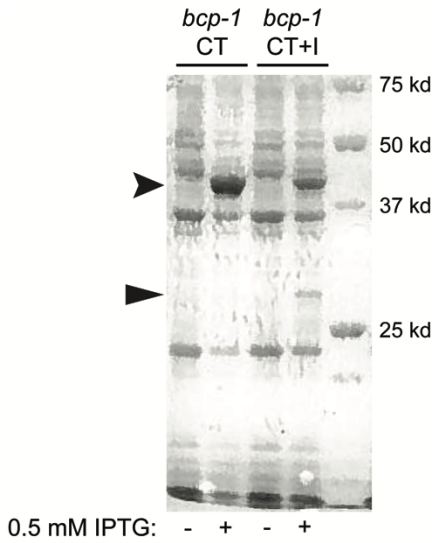

Figure S1. Production of *Bd*AU0158 BcpA-1-CT and BcpI-1 by *E. coli* BL21(DE3) as visualized by Coomassie staining of whole cell lysates separated on a 12% SDS-PAGE gel. Cells were harvested after 6 h growth (4 h post IPTG-induction). The accumulation of BcpA-1-CT by the induced strains harboring the plasmid containing *bcpA-1-CT* (left two lanes) and the plasmid containing *bcpA-1-CT* and *bcpI-1* (right two lanes) is indicated by the arrowhead. The wedge indicates production of BcpI-1, which only occurs in the induced strain harboring the plasmid containing *bcpA-1-CT* and *bcpI-1*. The sizes of the two indicated proteins match the predicted sizes of BcpA-1-CT and BcpI-1.