## SUPPLEMENTAL MATERIAL **Table S1.** Summary of proteins detected in the supernatant fraction of *B. thailandensis* wildtype–vir and *tssK-5*—vir cultures by mass spectrometry. Fig S1. The B. thailandensis clpV-5-GFP mutant induces host cell fusions. Representative fluorescence microscopy images of RAW 264.7 macrophages infected with B. thailandensis clpV-5-GFP and wildtype and $\Delta$ T6SS-5 constitutively expressing GFP. The host cell plasma membrane was stained with Alexa Fluor 594-WGA conjugate and DNA was visualized with DAPI. Scale bar, 10 μm. Movie S1. Representative time lapse fluorescence microscopy images of ClpV-5–GFP foci within B. thailandensis during infection of Hela cells at 17 h post-infection (10 s intervals shown at seven frames per second). Movie S2. Representative time lapse fluorescence microscopy images of ClpV-1–GFP foci within B. thailandensis grown in LB and transferred to agarose pads (10 s intervals shown at seven frames per second).

Lous tag	Annotation <sup>a</sup> Hcp protein	Average spectral counts <sup>b</sup>			Average no. of unique peptides <sup>c</sup>		
Lous tag		wt <sup>d</sup>	wt-vir	∆tssK-5-vir	wt <sup>d</sup>	wt-vir	∆tssK-5-v
BTH II0868		N/D	326	43.5	- wt	12	7
BTH_II2112	Lipoprotein, putative	158.7	181	178.5	14	13	13.5
BTH_II1925	Chitin binding domain protein	403.2	120.5	105	21.2	14	12.5
BTH_I2945	Peptidase, M1 family	139	119	127	22.7	21	20.5
BTH_I3070	Translation elongation factor Tu	109.2	105.5	119.5	17	13.5	16.5
BTH_II1578	Microbial collagenase, putative	199.7	86.5	92.5	24	13.5	13.5
BTH_I2962	Unnamed protein product; Similar to Hcp protein	418	80.5	78	12.7	8	7.5
BTH_I3071	Translation elongation factor 2 (EF-2/EF-G)	65.7	73.5	64.5	18.7	19	17.5
BTH_I3071	Serine-type carboxypeptidase family protein	84.2	68.5	63.5	15.7	12	12.5
		29.2	66.5		6	6	5.5
BTH_I3196	Flagellin	29.2 N/C	61	64.5 68.5	0.7	13	15
BTH_II0816	ZmpA -like peptidase. Metallo peptidase				0.7		
BTH_II0854	Ubiquitin-specific proteinase 31, putative	N/D	60.5	66.5		20	21
BTH_II1544	Flagellar hook-associated protein 2 Amino acid/amide ABC transporter substrate-binding	44.7	58.5	56	8	13.5	13.5
BTH_I3300	protein, HAAT family	20	57	66.5	7	10.5	11
BTH II0113	PgaA	44	53	53.5	17	13	12
BTH_I1225	L-glutamate-binding protein / L-aspartate-binding	N/C	52.5	34.5	6.2	13	9
	protein						
BTH_I2402	Chitinase family 18	333.2	49.5	47	9	5	6
BTH_II0658	Malate dehydrogenase	33	48.5	53	10	12.5	12.5
BTH_II0783	Hypothetical protein	186.2	47	49.5	12.7	6.5	7.5
BTH_I1633	Hypothetical protein	28.2	46.5	40.5	7.7	9.5	7.5
BTH_I0646	Succinyl-CoA synthase, beta subunit	30	46	49	8.2	12.5	12
BTH_II1306	Carbohydrate ABC transporter substrate-binding	80	45.5	63.5	14.2	11	13
BTH_II0654	protein, CUT1 family		43.5	48	6.2	12	13.5
_	Aconitase Chaperonin GroEL	N/C					
BTH_I1458	· ·	112	43	49.5	21.2	10	10.5
BTH_II1834	LasA protease precursor	205	39.5	58	15	7.5	9.5
BTH_II0863	Rhs element Vgr protein	N/D	38	N/D	-	13.5	-
BTH_II1598	Amino acid/amide ABC transporter substrate-binding protein, HAAT family	N/C	34.5	24.5	0.7	8.5	6.5
BTH_II0517	Hypothetical protein	66.7	34	33.5	10.2	8	6.5
BTH_II1069	gp28	46	33	34	14	5.5	6
BTH_I1282	Catalase/peroxidase HPI	N/C	32.5	41	1.2	11	10.5
_	Amino acid ABC transporter substrate-binding						
BTH_I1783	protein, PAAT family	22.7	31.5	34.5	6.7	8.5	8.5
BTH_II1872	Levansucrase	60.2	31	35.5	14.7	9	8
BTH I2276	Putrescine ABC transporter, periplasmic putrescine-	N/C	30.5	26.5	3.2	10	8
BTH_I0955	binding protein Heat shock protein HtpG	33.2	30.5	32.5	11.5	10.5	9
BTH_I0233	Lytic murein transglycosylase, putative	28.7	30.5	32.3	10.2	10.3	9.5
BTH 13225/110089 <sup>†</sup>	Rhs element Vgr protein, putative	62.7	28.5	29	19.2	9	10
BTH_I1638	SSU ribosomal protein S1P	26.67	28	24	10.7	5.5	6
BTH_I0759	Isocitrate dehydrogenase (NADP)	18.2	27.5	27	6	6.5	6
BTH_II2037	Aromatic amino acid aminotransferase apoenzyme	16.2	26.5	27	6.7	9	8.5
	(EC 2.6.1.57)	57.33	26.5	22	11	10	4
BTH 13226/110090 <sup>e</sup>	(EC 2.6.1.57) Hypothetical protein	57.33	26.5	22	11	10	4
BTH_I3226/II0090 <sup>e</sup> BTH_I1654	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit	16.2	26	27.5	5	5.5	6
BTH_I1654 BTH_I1457	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa	16.2 20.7	26 26	27.5 30.5	5 5.7	5.5 5.5	6 4.5
BTH 13226/110090 <sup>e</sup> BTH_11654 BTH_11457 BTH_10675	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease	16.2 20.7 N/C	26 26 24.5	27.5 30.5 25	5 5.7 0.7	5.5 5.5 6.5	6 4.5 7
BTH 13226/II0090 <sup>e</sup> BTH_I1654 BTH_I1457 BTH_I0675 BTH_I0663	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase	16.2 20.7 N/C N/C	26 26 24.5 24	27.5 30.5 25 25	5 5.7 0.7 2.7	5.5 5.5 6.5 4.5	6 4.5 7 5.5
BTH 13226/II0090 <sup>6</sup> BTH_11654 BTH_11457 BTH_10675 BTH_10663 BTH_12028	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)	16.2 20.7 N/C N/C 18.2	26 26 24.5 24 24	27.5 30.5 25 25 20.5	5 5.7 0.7 2.7 6	5.5 5.5 6.5 4.5 6.5	6 4.5 7 5.5 5.5
BTH_I3226/I0090 <sup>©</sup> BTH_I1654 BTH_I1457 BTH_I0675 BTH_I0663 BTH_I2028 BTH_II1851	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein	16.2 20.7 N/C N/C 18.2 61	26 26 24.5 24 24 24	27.5 30.5 25 25 20.5 26	5 5.7 0.7 2.7 6 11.2	5.5 5.5 6.5 4.5 6.5	6 4.5 7 5.5 5.5
BTH 13226/II0090 <sup>6</sup> BTH_11654 BTH_11457 BTH_10675 BTH_10663 BTH_12028	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein	16.2 20.7 N/C N/C 18.2	26 26 24.5 24 24	27.5 30.5 25 25 20.5	5 5.7 0.7 2.7 6	5.5 5.5 6.5 4.5 6.5	6 4.5 7 5.5 5.5
BTH_I3226/I0090 <sup>©</sup> BTH_I1654 BTH_I1457 BTH_I0675 BTH_I0663 BTH_I2028 BTH_II1851	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo	16.2 20.7 N/C N/C 18.2 61	26 26 24.5 24 24 24	27.5 30.5 25 25 20.5 26	5 5.7 0.7 2.7 6 11.2	5.5 5.5 6.5 4.5 6.5	6 4.5 7 5.5 5.5
BTH 13226/10090 <sup>9</sup> BTH_11654 BTH_11457 BTH_10675 BTH_10663 BTH_12028 BTH_I1851 BTH_10564 BTH_II1852	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo peptidase.	16.2 20.7 N/C N/C 18.2 61 15 37.2	26 26 24.5 24 24 24 23.5 22.5	27.5 30.5 25 25 20.5 26 18.5	5 5.7 0.7 2.7 6 11.2 5.7	5.5 5.5 6.5 4.5 6.5 6 7.5	6 4.5 7 5.5 5.5 6 6
BTH 13226/II0090 <sup>6</sup> BTH_11654 BTH_11457 BTH_10675 BTH_10663 BTH_12028 BTH_112028 BTH_11851 BTH_10564 BTH_11852 BTH_110380	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo	16.2 20.7 N/C N/C 18.2 61 15 37.2 88.2	26 24.5 24 24 24 23.5 22.5 20.5	27.5 30.5 25 25 20.5 26 18.5 23	5 5.7 0.7 2.7 6 11.2 5.7 10.5	5.5 5.5 6.5 4.5 6.5 6 7.5 6	6 4.5 7 5.5 5.5 6 6 7
BTH 13226/110090 <sup>8</sup> BTH_11654 BTH_11457 BTH_10675 BTH_10663 BTH_12028 BTH_11851 BTH_10564 BTH_111852	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo  peptidase.  Serine peptidase	16.2 20.7 N/C N/C 18.2 61 15 37.2	26 26 24.5 24 24 24 23.5 22.5	27.5 30.5 25 25 20.5 26 18.5	5 5.7 0.7 2.7 6 11.2 5.7	5.5 5.5 6.5 4.5 6.5 6 7.5	6 4.5 7 5.5 5.5 6 6
BTH 13226/II0090 <sup>6</sup> BTH_11654 BTH_11457 BTH_10675 BTH_10663 BTH_12028 BTH_112028 BTH_11851 BTH_10564 BTH_11852 BTH_110380	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo peptidase.  Serine peptidase  Succinyl-CoA synthetase (ADP-forming) alpha	16.2 20.7 N/C N/C 18.2 61 15 37.2 88.2	26 24.5 24 24 24 23.5 22.5 20.5	27.5 30.5 25 25 20.5 26 18.5 23	5 5.7 0.7 2.7 6 11.2 5.7 10.5	5.5 5.5 6.5 4.5 6.5 6 7.5 6	6 4.5 7 5.5 5.5 6 6 7
BTH_13226/II0090° BTH_11654 BTH_11457 BTH_10675 BTH_10663 BTH_12028 BTH_11851 BTH_10564 BTH_11852 BTH_110380 BTH_10647	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metaliopeptidase domain protein  Acyl-CoA delydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo peptidase.  Serine peptidase  Succinyl-CoA synthetase (ADP-forming) alpha subunt	16.2 20.7 N/C N/C 18.2 61 15 37.2 88.2	26 26 24.5 24 24 24 23.5 22.5 20.5	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5	5 5.7 0.7 2.7 6 11.2 5.7 10.5 18.7 4.7	5.5 5.5 6.5 4.5 6.5 6 7.5 6	6 4.5 7 5.5 5.5 6 6 7 10 5.5
8TH_13226/10090°  BTH_11654 BTH_11457 BTH_10675 BTH_10663 BTH_12028 BTH_11851 BTH_10564 BTH_11852 BTH_110380 BTH_10647 BTH_10967	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopepitidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10), Metallo pepitidase.  Serine pepitidase  Succinyl-CoA synthetase (ADP-forming) alpha subunit  Cytochrome c family protein	16.2 20.7 N/C N/C 18.2 61 15 37.2 88.2 15	26 26 24.5 24 24 24 23.5 22.5 20.5 19.5	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5	5 5.7 0.7 2.7 6 11.2 5.7 10.5 18.7 4.7	5.5 5.5 6.5 4.5 6.5 6 7.5 6 6 5.5	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5
BTH_13226/I0090° BTH_11654 BTH_11657 BTH_10675 BTH_10663 BTH_12028 BTH_11851 BTH_10564 BTH_11852 BTH_11852 BTH_10647 BTH_10967 BTH_1515	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo peptidase.  Serine peptidase.  Serine peptidase  Succinyl-CoA synthetase (ADP-forming) alpha subunit  Cytochrome c family protein  Hypothetical protein	16.2 20.7 N/C N/C 18.2 61 15 37.2 88.2 15 23	26 26 24.5 24 24 24 23.5 22.5 20.5 19.5 19.5	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5 19	5 5.7 0.7 2.7 6 11.2 5.7 10.5 18.7 4.7 5 24.2	5.5 5.5 6.5 4.5 6.5 6 7.5 6 6 5.5 3.5	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5 8
3TH 13226/100906*  BTH_11654  BTH_11457  BTH_10663  BTH_12028  BTH_11851  BTH_10564  BTH_11852  BTH_110380  BTH_10647  BTH_10967  BTH_11515  BTH_11308	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo peptidase.  Serine peptidase  Succinyl-CoA synthetase (ADP-forming) alpha subunit  Cytochrome c family protein  Hypothetical protein  Chaperone protein DnaK	16.2 20.7 N/C N/C 18.2 61 15 37.2 88.2 15 23 157 19	26 26 24.5 24 24 23.5 22.5 20.5 19.5 19.5 18	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5 19 23.5	5 5.7 0.7 2.7 6 11.2 5.7 10.5 18.7 4.7 5 24.2	5.5 5.5 6.5 4.5 6.5 6 7.5 6 6 5.5 3.5	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5 8 4.5
3TH 13226/II0090  BTH_11654 BTH_11457 BTH_10663 BTH_10663 BTH_10208 BTH_11851 BTH_10564 BTH_11852 BTH_110380 BTH_10647 BTH_10967 BTH_11515 BTH_11515 BTH_11515 BTH_12231	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo  peptidase.  Serine peptidase  Succinyl-CoA synthetase (ADP-forming) alpha  subunit  Cytochrome c family protein  Hypothetical protein  Chaperone protein DnaK  Nucleoside diphosphate kinase	16.2 20.7 N/C N/C 18.2 61 15 37.2 88.2 15 23 157 19	26 26 24.5 24 24 24 23.5 22.5 20.5 19.5 19.5 18.5 16.5	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5 19 23.5 16 21.5	5 5.7 0.7 2.7 6 11.2 5.7 10.5 18.7 4.7 5 24.2 7	5.5 5.5 6.5 6.5 6 7.5 6 6 5.5 3.5 7 6	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5 8 4.5
3TH 13226/II0090°  BTH_11654 BTH_11457 BTH_10675 BTH_10663 BTH_12028 BTH_11851 BTH_10564 BTH_11852 BTH_110380 BTH_10647 BTH_10967 BTH_1515 BTH_11308 BTH_1515 BTH_12231 BTH_12092	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase (EC 3.4.11.10). Metallo  peptidase.  Serine protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo  peptidase.  Serine peptidase.  Succinyl-CoA synthetase (ADP-forming) alpha  subunit  Cytochrome c family protein  Hypothetical protein  Chaperone protein DnaK  Nucleoside diphosphate kinase  Antioxidant, AhpC/Tsa family	16.2 20.7 N/C N/C 18.2 61 15 37.2 88.2 15 23 157 19 18 27.7	26 26 24.5 24 24 23.5 22.5 20.5 19.5 19.5 18.8 16.5 15.5	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5 19 23.5 16 21.5	5 5.7 0.7 2.7 6 11.2 5.7 10.5 18.7 4.7 5 24.2 7 4	5.5 5.5 6.5 4.5 6.5 6 7.5 6 6 5.5 3.5 7 6	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5 8 4.5 3.5 5
3TH 13226/10090°  BTH_11654 BTH_11457 BTH_10663 BTH_10663 BTH_12028 BTH_11851 BTH_10564 BTH_11852 BTH_110380 BTH_10647 BTH_10967 BTH_10967 BTH_11308 BTH_11515 BTH_11515 BTH_11515 BTH_11515 BTH_11515 BTH_11515 BTH_11515	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopepitidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopepitidase (EC 3.4.11.10), Metallo  pepitidase.  Serine peptidase  Succinyl-CoA synthetase (ADP-forming) alpha  subunit  Cytochrome c family protein  Hypothetical protein  Chaperone protein DnaK  Nucleoside diphosphate kinase  Antioxidant, AhpC/Tsa family  Hypothetical protein  Hypothetical protein  Hypothetical protein	16.2 20.7 N/C 18.2 61 15 37.2 88.2 15 23 157 19 18 27.7 25 32	26 28 24 24 24 23.5 22.5 20.5 19.5 19.5 18 16.5 15.5 N/C N/C	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5 19 23.5 16 21.5 18 N/C N/C	5 5.7 0.7 2.7 6 11.2 5.7 10.5 18.7 4.7 5 24.2 7 4 6.2 5.7 6.7	5.5 5.5 6.5 6.5 6.5 6 7.5 6 6 5.5 3.5 7 6 3 5 2.5	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5 8 4.5 3.5 5
BTH_13226/100906°  BTH_11654  BTH_11457  BTH_10675  BTH_10663  BTH_10208  BTH_11881  BTH_10564  BTH_11882  BTH_10380  BTH_10647  BTH_10967  BTH_1515  BTH_11515  BTH_12331  BTH_12331  BTH_12092  BTH_10720  BTH_10720  BTH_10688  BTH_111243	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10), Metallo peptidase.  Serine peptidase  Succinyl-CoA synthetase (ADP-forming) alpha subunit  Cytochrome c family protein  Hypothetical protein  Chaperone protein DnaK  Nucleoside diphosphate kinase  Antioxidant, AhpC/Tsa family Hypothetical protein  Hypothetical protein  Putative ABC transporter ATP-binding protein	16.2 20.7 NIC NIC 18.2 61 15 37.2 88.2 15 23 157 19 18 27.7 25 32 43.7	26 26 24 24 24 24 23.5 20.5 19.5 19.5 19.5 18 16.5 15.5 N/C N/C N/C	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5 19 23.5 16 21.5 18 N/C N/C	5 5,7 0,7 2,7 6 11,2 5,7 10,5 18,7 4,7 5 24,2 7 4 6,2 5,7	5.5 6.5 6.5 6.7 6.6 7.5 6 6 5.5 3.5 7 6 3 5 2.5	6 4.5 7 5.5 5.5 6 6 6 7 10 5.5 3.5 8 4.5 3.5 5 4.3
3TH 13226/10090° BTH_11654 BTH_11457 BTH_10675 BTH_10663 BTH_102028 BTH_11851 BTH_10564 BTH_11852 BTH_110380 BTH_10647 BTH_10647 BTH_11967 BTH_12231 BTH_12231 BTH_10202 BTH_10720 BTH_10720 BTH_10720 BTH_10720 BTH_11243 BTH_1243	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo peptidase.  Serine peptidase.  Serine peptidase.  Succinyl-CoA synthetase (ADP-forming) alpha subunit  Cytochrome of amily protein  Hypothetical protein  Chaperone protein DnaK  Nucleoside diphosphate kinase  Antioxidant, Atp-CTsa family  Hypothetical protein  Putalive ABC transporter ATP-binding protein  Rhs element Vgr protein, putative	16.2 20.7 N/C 18.2 61 15 37.2 88.2 15 23 157 19 18 27.7 25 32 43.7	26 26 24 24 24 24 23 5 20.5 19.5 19.5 19.5 18 16.5 16.5 N/C N/C N/C N/C	27.5 30.5 25 20.5 26 18.5 23 28 24.5 19 23.5 16 21.5 18 N/C N/C N/C N/C	5 5,7 0,7 2,7 6 11,2 5,7 10,5 18,7 4,7 5 24,2 7 4 6,2 5,7 6,7	5.5 6.5 6.5 6.5 6 7.5 6 6 5.5 3.5 7 6 3 5 2.5 2 2.5	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5 8 4.5 3.5 5 4
3TH 13226/10090°  BTH_11457 BTH_11457 BTH_10663 BTH_10663 BTH_12028 BTH_11851 BTH_10564 BTH_11852 BTH_10380 BTH_10647 BTH_10967 BTH_10967 BTH_1231 BTH_12092 BTH_110068 BTH_111243 BTH_11243 BTH_11243 BTH_11243 BTH_11244	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopeptidase domain protein  Adyl-CoA delydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo  peptidase.  Serine peptidase.  Succinyl-CoA synthetase (ADP-forming) alpha  subunit  Cytochrome o family protein  Hypothetical protein  Chaperone protein DnaK  Nucleoside diphosphate kinase  Antloxidant, Ahpc/Tsa family  Hypothetical protein  Putative ABC transporter ATP-binding protein  Rhs element Vgr protein, putative  Serine protease, subtilase family	16.2 20.7 N/C 18.2 61 15 37.2 88.2 15 23 157 19 18 27.7 25 32 43.7 45.2 53	26 26 24.5 24 24 24 23.5 20.5 19.5 19.5 19.5 18 16.5 15.5 N/C N/C N/C N/C N/C N/C N/C N/C	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5 19 23.5 16 21.5 18 N/C N/C N/C N/C N/C N/C N/C	5 5,7 0,7 2,7 6 11,2 5,7 10,5 18,7 4,7 5 24,2 7 4 6,2 5,7 6,7 11 13	5.5 5.5 6.5 6.5 6.5 6 7.5 6 6 5.5 3.5 7 6 3 5 2.5 2 2.5 5 1.2	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5 3.5 5 4 4.5 3.2 2 2 4.5
3TH 13226/II0090  BTH_11654 BTH_11457 BTH_10663 BTH_10663 BTH_12028 BTH_11851 BTH_10564 BTH_11852 BTH_110380 BTH_10647 BTH_10967 BTH_155 BTH_11515 BTH_11515 BTH_11515 BTH_110967 BTH_110700 BTH_10720 BTH_10720 BTH_10720 BTH_10720 BTH_10720 BTH_10740 BTH_11243 BTH_1244 BTH_11933	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopepitidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metallo pepitidase.  Serine pepitidase  Succinyl-CoA synthetase (ADP-forming) alpha subunit  Cytochrome c family protein  Hypothetical protein  Chaperone protein DnaK  Nucleoside diphosphate kinase  Antioxidant, AhpC/Tsa family  Hypothetical protein  Putative ABC transporter ATP-binding protein  Rhs element Vgr protein, putative  Serine protease, subtiliase family  Hypothetical protein	16.2 20.7 N/C 18.2 61 15 37.2 88.2 15 23 157 19 18 27.7 25 32 43.7 45.2 53 86.7	26 26 24 24 24 24 23 5 20.5 19.5 19.5 19.5 18 16.5 15.5 N/C N/C N/C N/C N/C N/C N/C N/C	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5 19 23.5 16 21.5 18 N/C N/C N/C N/C N/C N/C N/C N/C N/C	5 5,7 0,7 2,7 6 11,2 5,7 10,5 18,7 4,7 5 24,2 7 4 6,2 5,7 6,7 11 13 14 3,2	5.5 6.5 6.5 6.5 6.7 6.5 6.6 7.5 6.6 5.5 3.5 7 6.3 5.2 2.5 2.5 2.7	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5 8 4.5 5 4 4 3 2 4.5
3TH 13226/10090° BTH_11457 BTH_11457 BTH_10663 BTH_10663 BTH_102028 BTH_11851 BTH_10564 BTH_11852 BTH_11852 BTH_10380 BTH_10647 BTH_10647 BTH_1231 BTH_1231 BTH_1231 BTH_1231 BTH_1243 BTH_11243 BTH_1243 BTH_1243 BTH_1243	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopepitidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopepitidase (EC 3.4.11.10), Metallo pepitidase.  Serine pepitidase  Succinyl-CoA synthetase (ADP-forming) alpha subunit  Cytochrome c family protein  Hypothetical protein  Chaperone protein DnaK  Nucleoside diphosphate kinase  Antioxidant, AhpC/Tsa family Hypothetical protein  Putative ABC transporter ATP-binding protein  Rhs element Vgr protein, putative  Serine protease, subtilase family Hypotheteal protein  Filamentous haemagglutinin	16.2 20.7 N/C 18.2 61 15 37.2 88.2 15 23 157 19 18 27.7 25 32 43.7 45.2 53 86.7 25.32	26 26 24 24 24 24 23.5 20.5 19.5 19.5 19.5 18 16.5 15.5 N/C	27.5 30.5 25 20.5 26 18.5 23 28 24.5 19 23.5 16 21.5 18 N/C	5 5,7 0,7 2,7 6 11,2 5,7 10,5 18,7 4,7 5 24,2 7 4 6,2 5,7 11 13 14 3,2 9,2	5.5 6.5 6.5 6.6 7.5 6 6 7.5 6 6 5.5 3.5 7 6 3 5 2.5 5 1.2 2.7 	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5 8 4.5 3.5 5 4 4.5 3.2 4.5
3TH 13226/10090°  BTH_11457 BTH_11457 BTH_10663 BTH_10663 BTH_102028 BTH_10564 BTH_10564 BTH_10380 BTH_10380 BTH_10967 BTH_10967 BTH_11308 BTH_12231 BTH_12231 BTH_10092 BTH_101720 BTH_10092 BTH_10092 BTH_10093 BTH_10093	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metaliopeptidase domain protein  Ady-CoA dehydrogenase domain protein  Leucyl aminopeptidase (EC 3.4.11.10). Metalio  peptidase.  Serine peptidase  Succinyl-CoA synthetase (ADP-forming) alpha  subunit  Cytochrome c family protein  Hypothetical protein  Chaperone protein DnaK  Nucleoside diphosphate kinase  Antioxidant, AhpC/Tsa family  Hypothetical protein  Putative ABC transporter ATP-binding protein  Rhs element Vgr protein, putative  Serine protease, subtilase family  Hypothetical protein  Filamentous haemagglutinin  Hypothetical protein	16.2 20.7 N/C N/C 18.2 61 15 37.2 88.2 15 23 157 19 18 27.7 25 32 43.7 45.2 53 86.7 25.32 27	26 26 24 24 24 24 24 23.5 20.5 19.5 19.5 19.5 18 16.5 15.5 N/C	27.5 30.5 25 25 20.5 26 18.5 23 28 24.5 19 23.5 16 21.5 18 N/C	5 5,7 0,7 2,7 6 11,2 5,7 10,5 18,7 4,7 5 24,2 7 4 6,2 5,7 6,7 11 13 14 3,2 9,2	5.5 6.5 6.5 6.5 6.7 6.5 6.6 7.5 6.6 5.5 3.5 7 6.3 5.2 2.5 2.5 2.7	6 4.5 7 5.5 5.5 6 6 7 10 5.5 3.5 8 4.5 5 4 4 3 2 4.5
STH_13226/10090° BTH_14654 BTH_14676 BTH_10675 BTH_10663 BTH_12028 BTH_110564 BTH_11851 BTH_10564 BTH_11852 BTH_10380 BTH_10647 BTH_10647 BTH_1515 BTH_11308 BTH_12231 BTH_12231 BTH_12092 BTH_10720 BTH_10668 BTH_11433 BTH_12697 BTH_12044 BTH_12044 BTH_1933 BTH_1933	(EC 2.6.1.57)  Hypothetical protein  Electron transfer flavoprotein, alpha subunit  Chaperonin, 10 kDa  Serine protease  Phosphoglycerate kinase  Translation elongation factor Ts (EF-Ts)  Metallopepitidase domain protein  Acyl-CoA dehydrogenase domain protein  Leucyl aminopepitidase (EC 3.4.11.10), Metallo pepitidase.  Serine pepitidase  Succinyl-CoA synthetase (ADP-forming) alpha subunit  Cytochrome c family protein  Hypothetical protein  Chaperone protein DnaK  Nucleoside diphosphate kinase  Antioxidant, AhpC/Tsa family Hypothetical protein  Putative ABC transporter ATP-binding protein  Rhs element Vgr protein, putative  Serine protease, subtilase family Hypotheteal protein  Filamentous haemagglutinin	16.2 20.7 N/C 18.2 61 15 37.2 88.2 15 23 157 19 18 27.7 25 32 43.7 45.2 53 86.7 25.32	26 26 24 24 24 24 23.5 20.5 19.5 19.5 19.5 18 16.5 15.5 N/C	27.5 30.5 25 20.5 26 18.5 23 28 24.5 19 23.5 16 21.5 18 N/C	5 5,7 0,7 2,7 6 11,2 5,7 10,5 18,7 4,7 5 24,2 7 4 6,2 5,7 11 13 14 3,2 9,2	5.5 6.5 6.5 6.6 7.5 6 6 7.5 6 6 5.5 3.5 7 6 3 5 2.5 5 1.2 2.7 	6 4.5 7 5.5 6 6 7 10 5.5 3.5 8 4.5 3.5 5 4 4.3 3.2 4.5

N/D, not detected
T6SS-1 secreted proteins

Burkholderia Genome Database (Burkholderia com)
 Average number of spectral counts defected across all technical reolicates
 Average number of unique peptide sequences obtained from biological reolicates

d Reference wild type secretome (Russell et al. 2012)

<sup>\*</sup>BITH\_I3226 and BITH\_I10090 encode proteins with 96% sequence indentity. Unique peptides from the variable regions of the proteins were detected; however, using mass spectrometry it is not possible to define their relative contributions.

<sup>&</sup>lt;sup>†</sup>BTH\_13225 and BTH\_0089 encode 100% identical VgrG proteins. By mass spectrometry it is not possible to discriminate between the two proteins.

N/C, not considered.

52 Figure S1.

