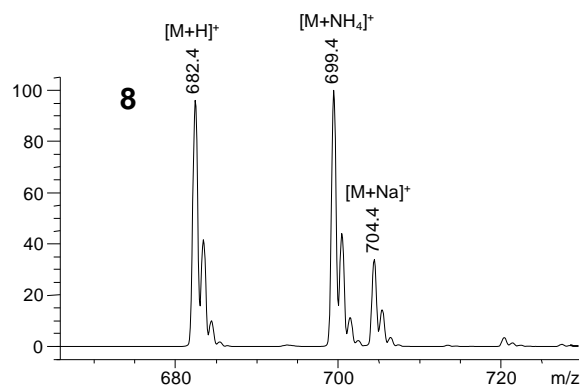
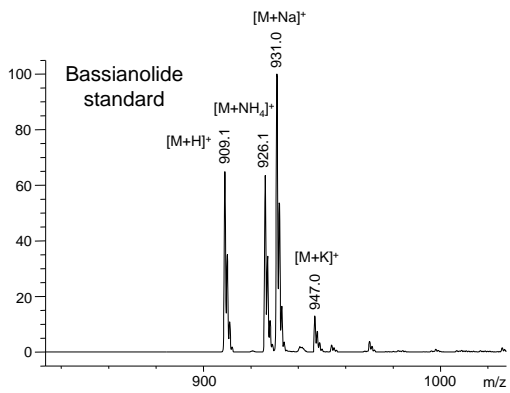
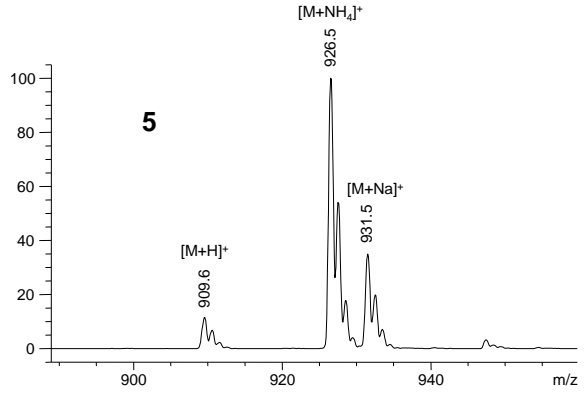
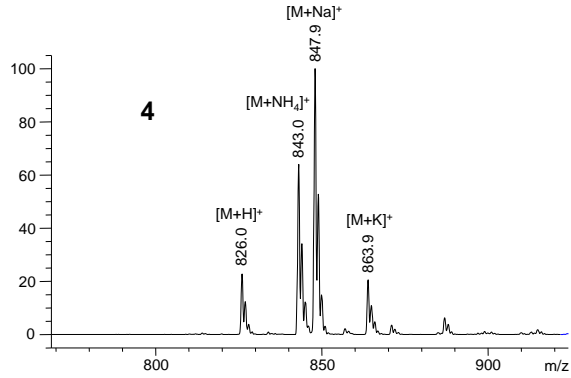
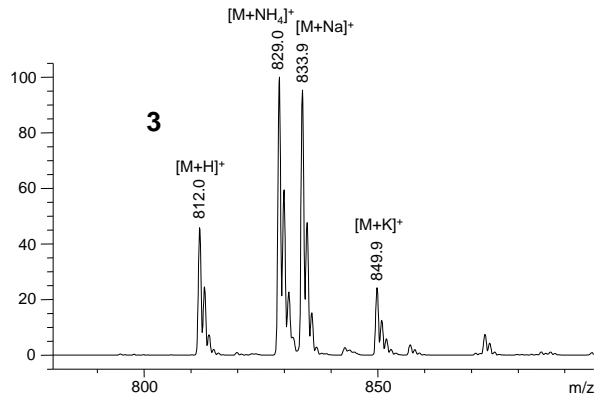
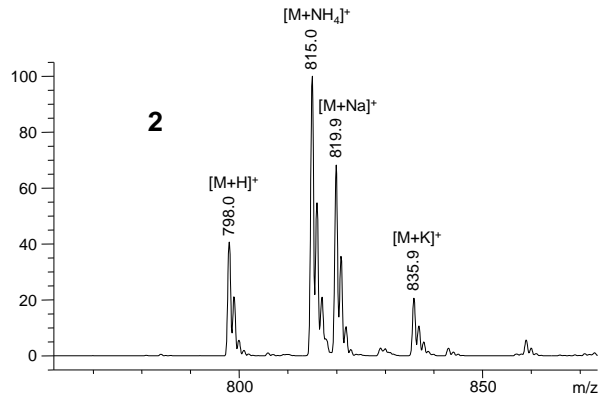
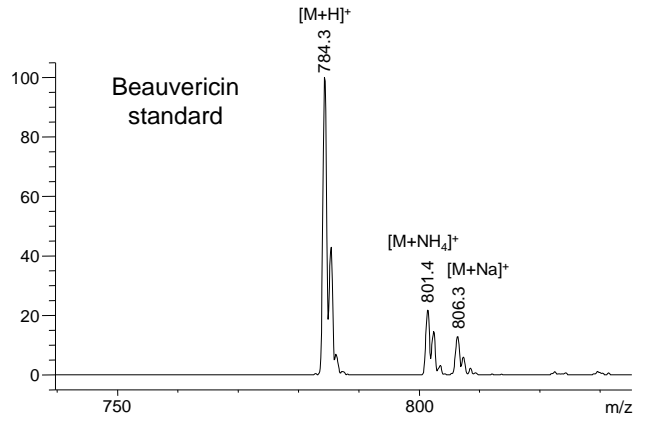
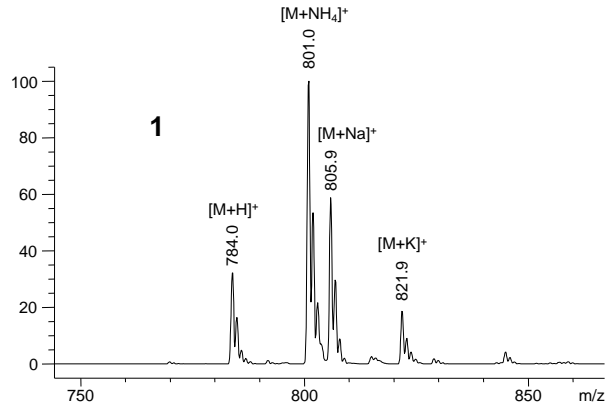
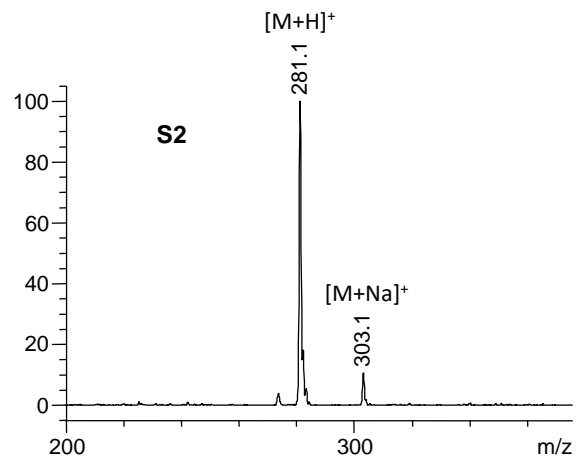
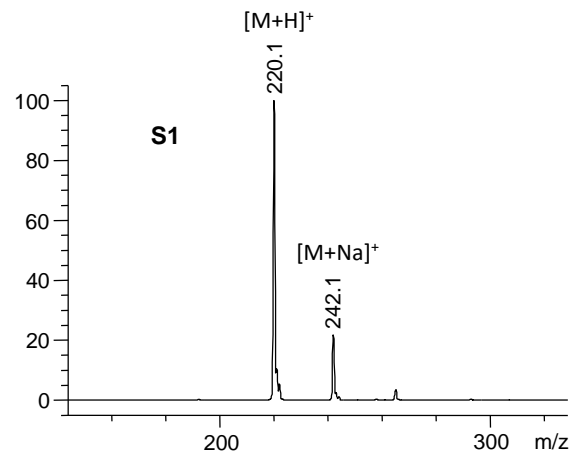
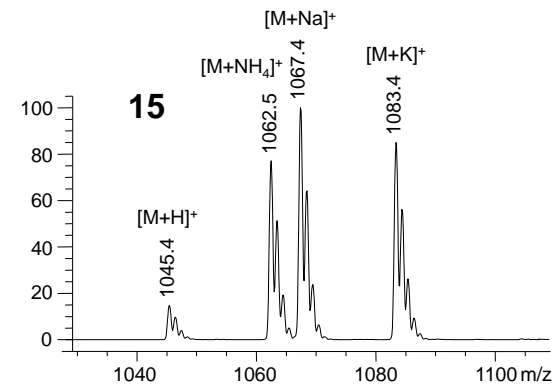
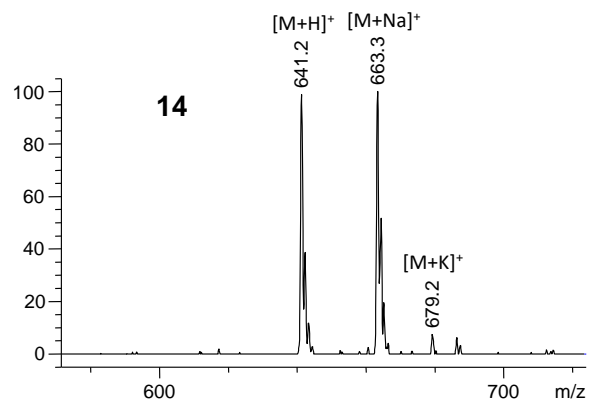
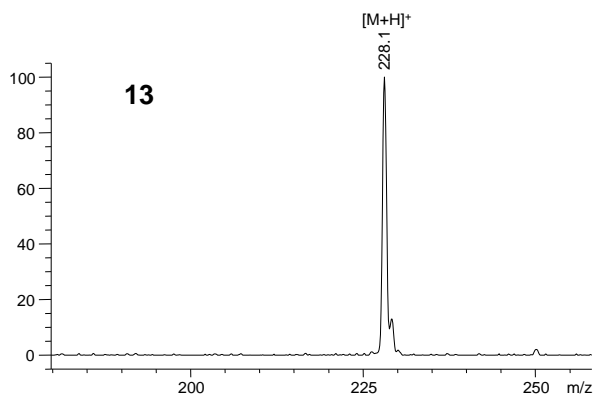
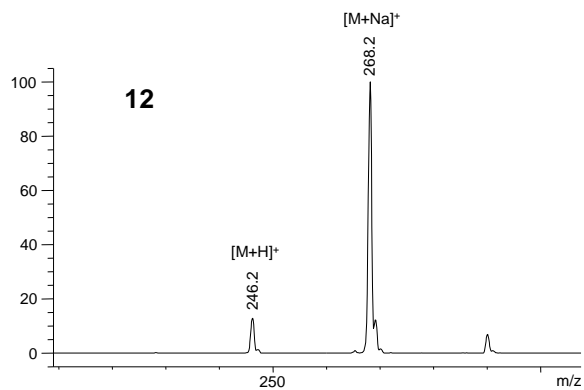
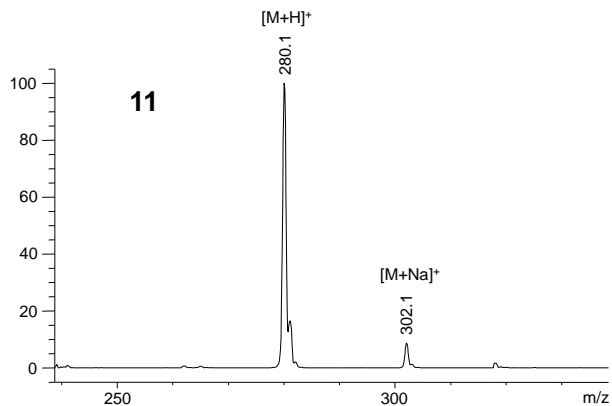
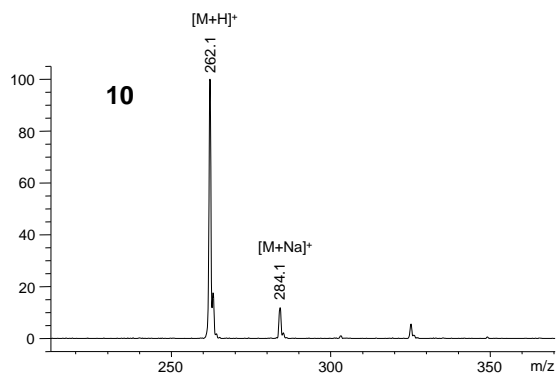
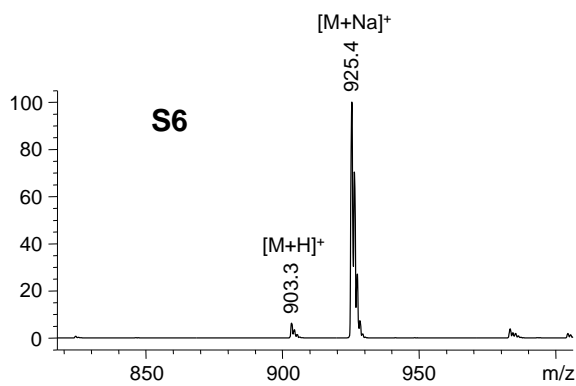
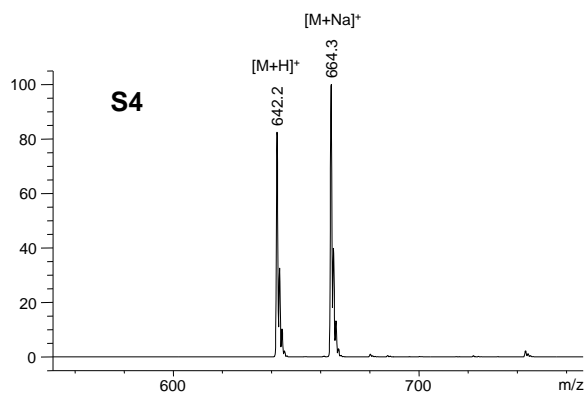
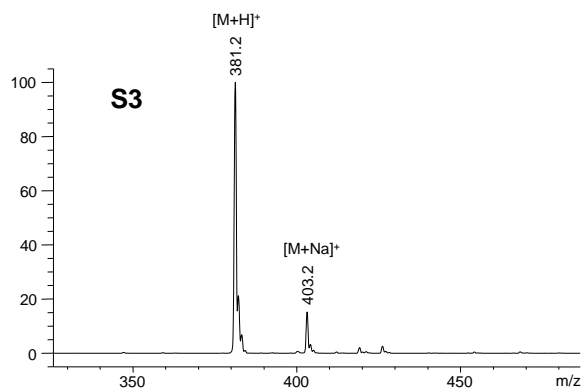


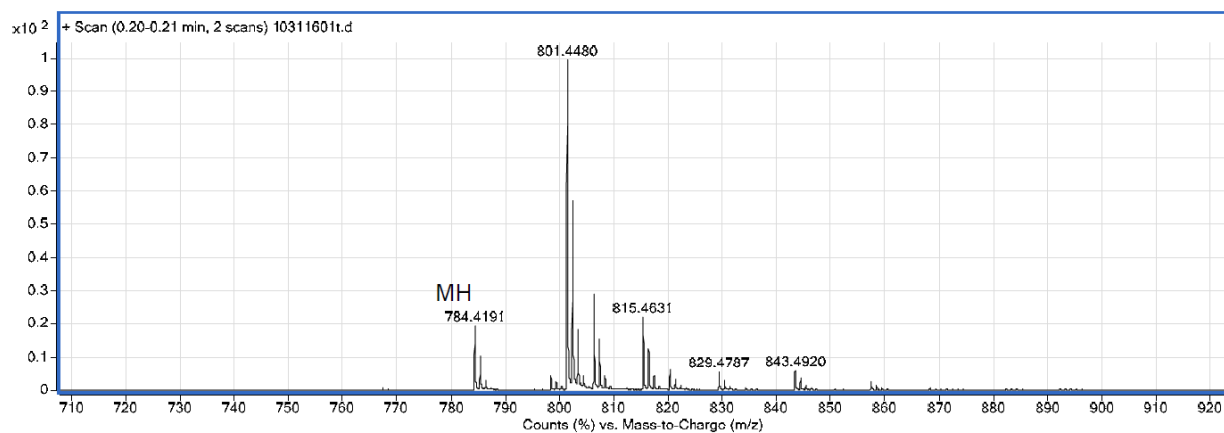
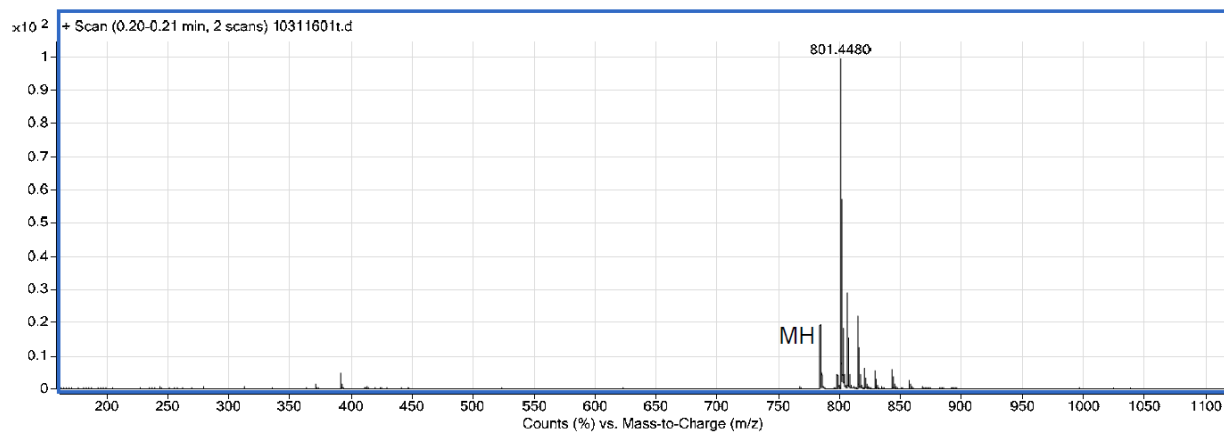
**Supplementary Figure 1 | SDS-PAGE analysis of the expression and purification of BbBEAS from *S. cerevisiae* BJ5465-NpgA/pDY37 (left) and BbBSLS from *S. cerevisiae* BJ5465-NpgA/pDY42 (right). M: Protein ladder, 1: Soluble fraction of the lysate, 2: Insoluble fraction of the lysate, 3: Flow through, 4-6: Eluents by buffer A with 10, 100 and 250 mM imidazole, respectively.**



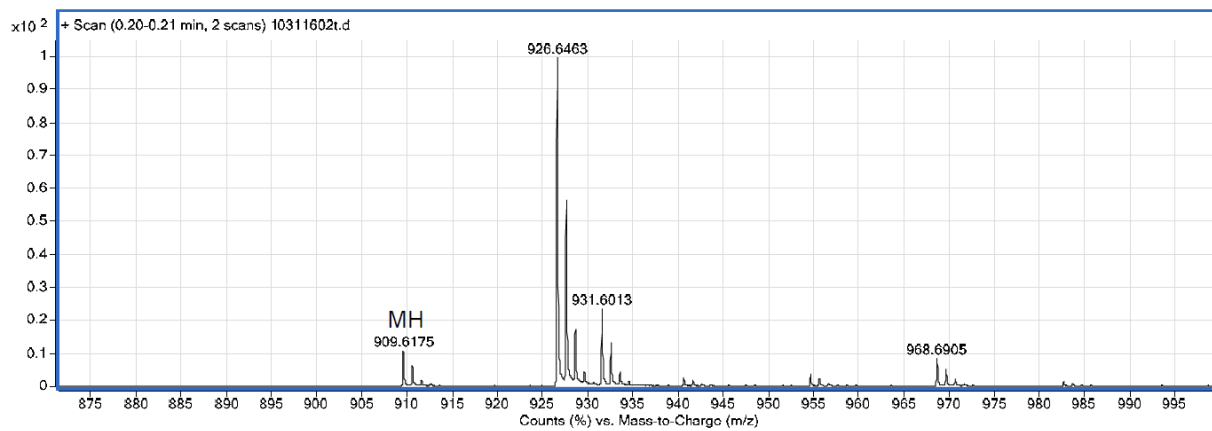
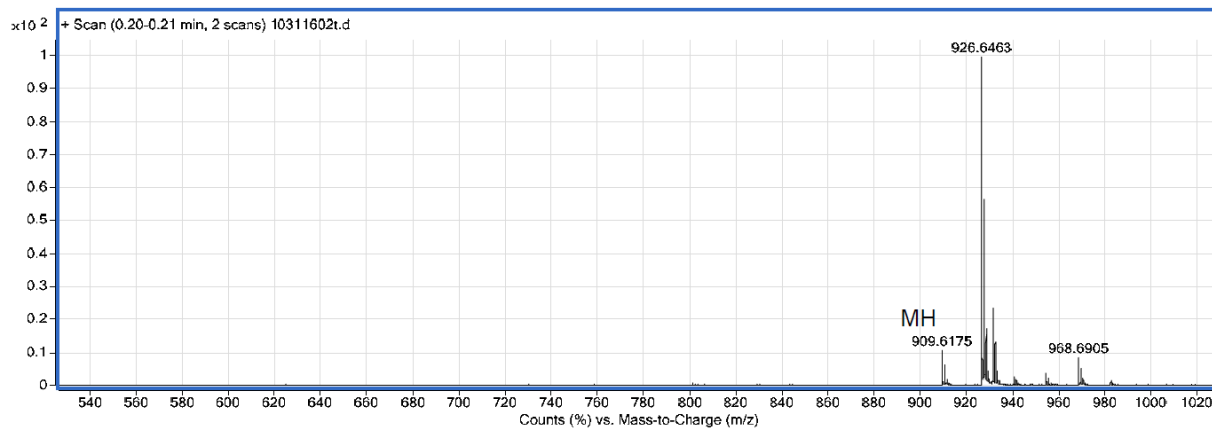




**Supplementary Figure 2 | ESI-MS (+) spectra of compounds synthesized (S1 and S2) or biosynthesized (1-5, 8, 10-15, S3, S4 and S6) in this work and the authentic samples of beauvericin and bassianolide.**



**Supplementary Figure 3 | High resolution ESI-MS of 1 generated in the *in vitro* reaction of BbBEAS.**



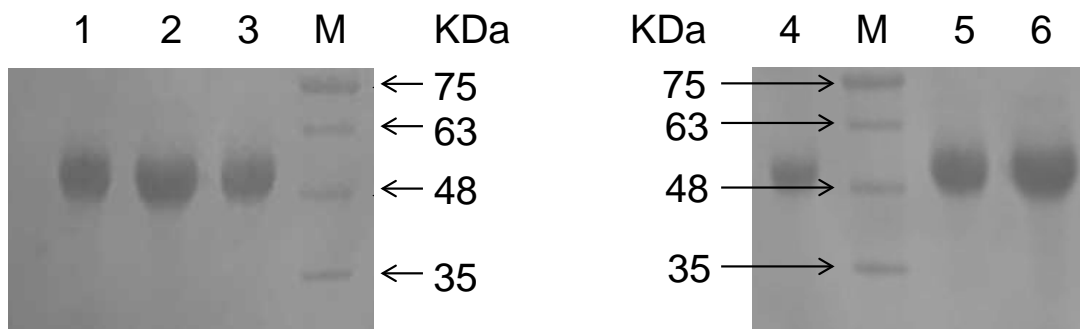
**Supplementary Figure 4 | High resolution ESI-MS of 5 generated in the *in vitro* reaction of BbBSLS.**

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BbBEAS-T2a VALCEEATATFGMQ-VGISDHFFKLGGHSL1LATKLI SRVGDRLKARLTVKDVFDHPIFSELA
BbBSLS-T2a VMLCEELTKTFEMD-VNITDDFFQLGGHSL1LATRLVARI SHRLGARLTVKDVFDYPVFSELA
BbBEAS-T2b TMLCEEFANVLGMD-VGVTDNFFDLGGHSL1MATKLAARIGRRLNTTISVKEVFEHPPIVFQLA
BbBSLS-T2b AMLCEEFANILGMD-VGITDNFFDLGGHSL1MATRLAARIGHRLNTTISVKDIFSHPVIFQLS
TycC-T3 SKLAEIWERVLGVSGIGILDNFFQIGGHSL1KAMAVAAQVHREYQVELPLKVLFAQPTIKALA
GrsB-T3 GKLEEIWKDVLGLQRVGIHDDFFTIGGHSL1KAMAVISQVHKECQTEVPLRVLFETPTIQGLA

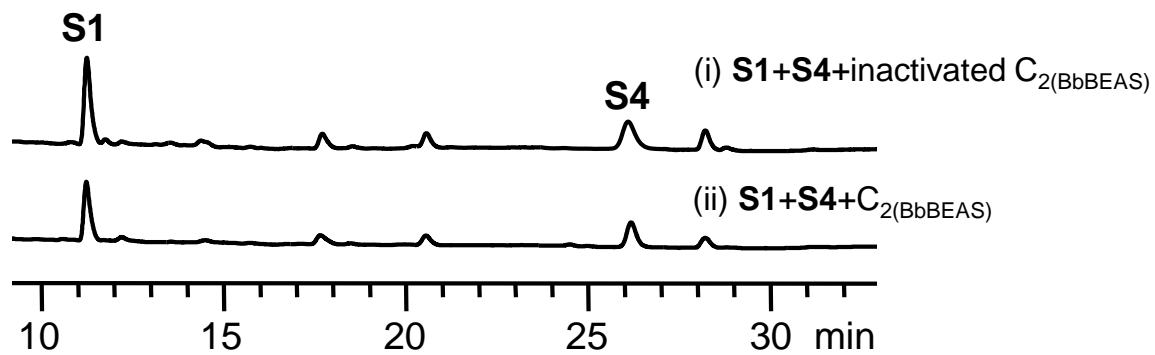
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**Supplementary Figure 5 | Amino acid sequence alignment of the twin T<sub>2</sub> domains of BbBEAS and BbBSLS with TycC-T<sub>3</sub> and GrsB-T<sub>3</sub>.** TycC-T<sub>3</sub> is a T domain from TycC (tyrocidine synthetase 3, GenBank accession number AAC45930) and GrsB-T<sub>3</sub> is from GrsB (gramicidin S synthetase 2, GenBank accession number BAA06146). The conserved motif (I/L)GG(D/H)SL is highlighted and the key Ser residue is boxed.



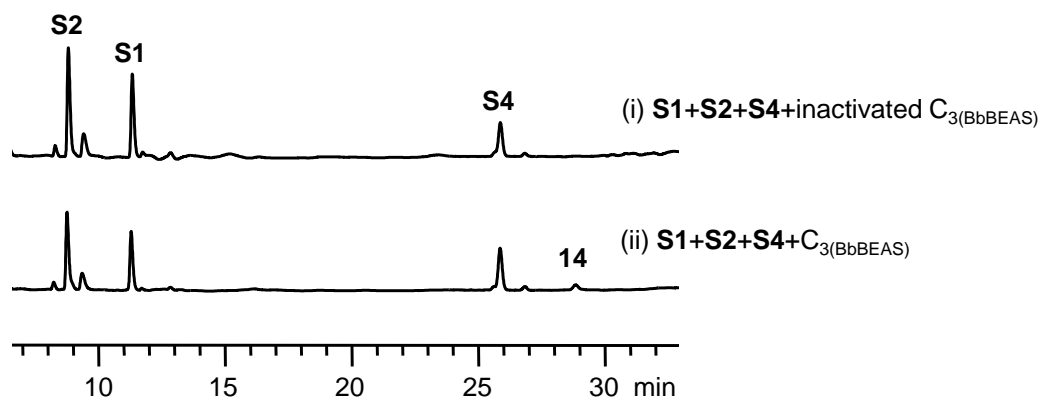
**Supplementary Figure 6 | SDS-PAGE analysis of the purified C<sub>1</sub>, C<sub>2</sub>, C<sub>3</sub> and MT domains from *E. coli* BL21(DE3).** M: Protein ladder, 1: C<sub>1</sub>(BbBEAS), 2: C<sub>3</sub>(BbBEAS), 3: C<sub>3</sub>(BbBEAS-H2901A), 4: MT<sub>(BbBEAS)</sub>, 5: C<sub>3</sub>(BbBSLS), 6: C<sub>2</sub>(BbBEAS).





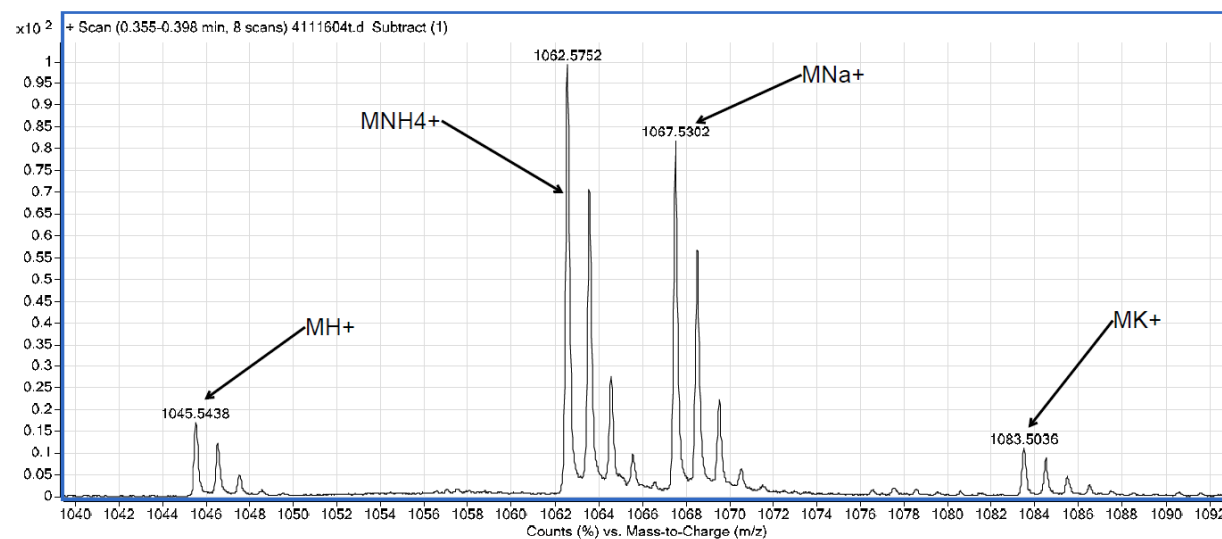
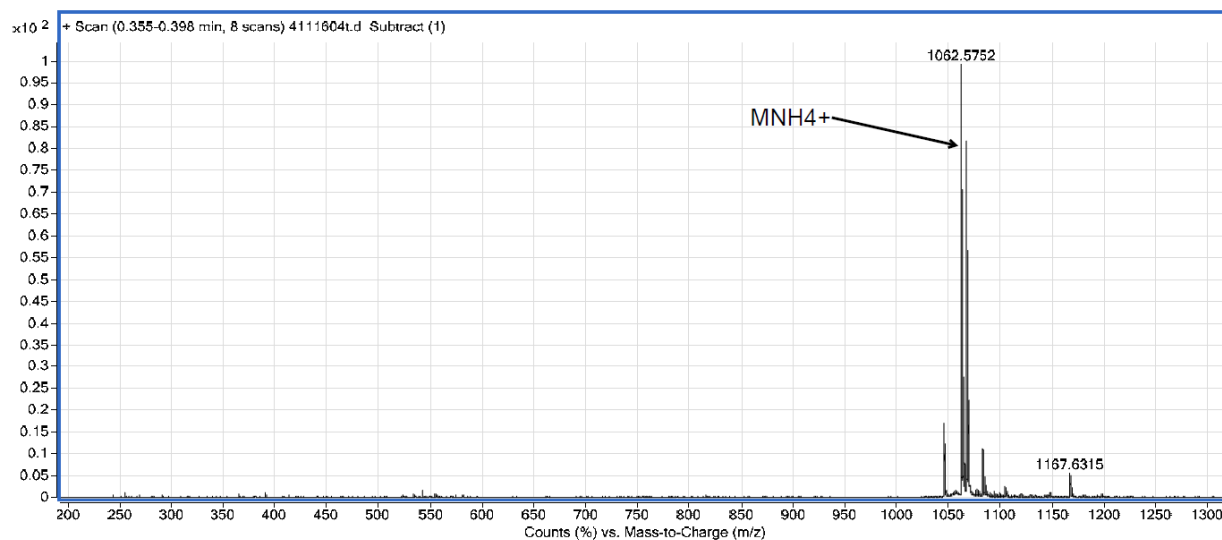
**Supplementary Figure 7 | HPLC analysis of the reaction of C<sub>2</sub>(BbBEAS) with S1 and S4. (i)**

**S1+S4+inactivated C<sub>2</sub>(BbBEAS); (ii) S1+S4+C<sub>2</sub>(BbBEAS).**

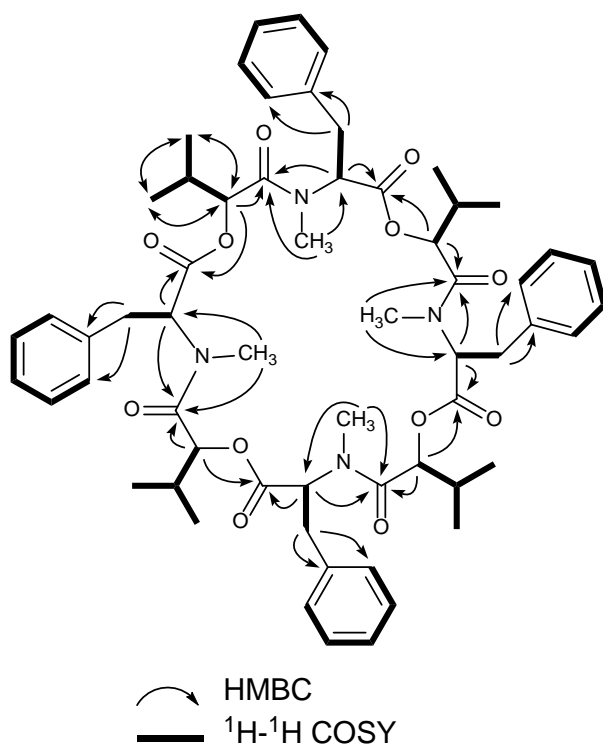


**Supplementary Figure 8 | HPLC analysis of the reaction of C<sub>3</sub>(BbBEAS) with S1, S2 and S4. (i)**

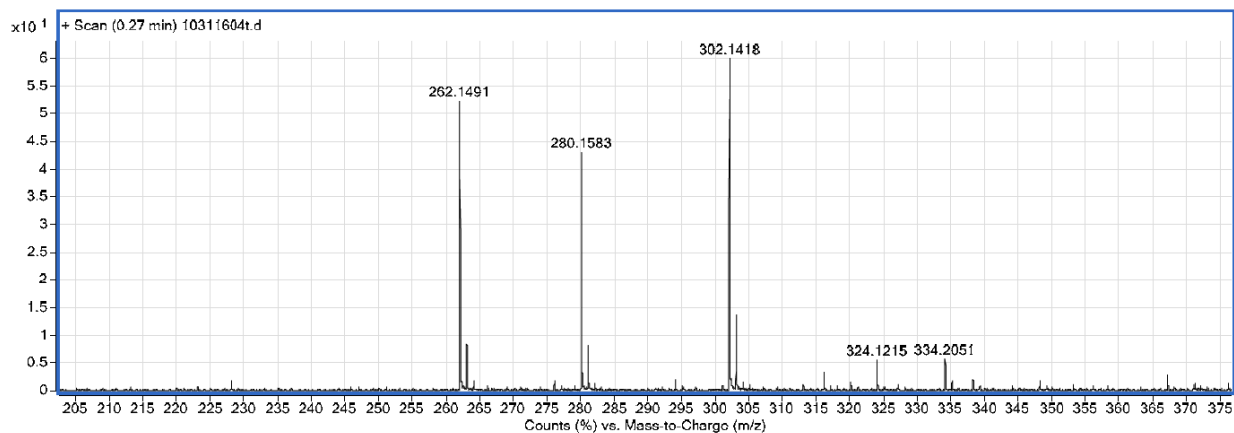
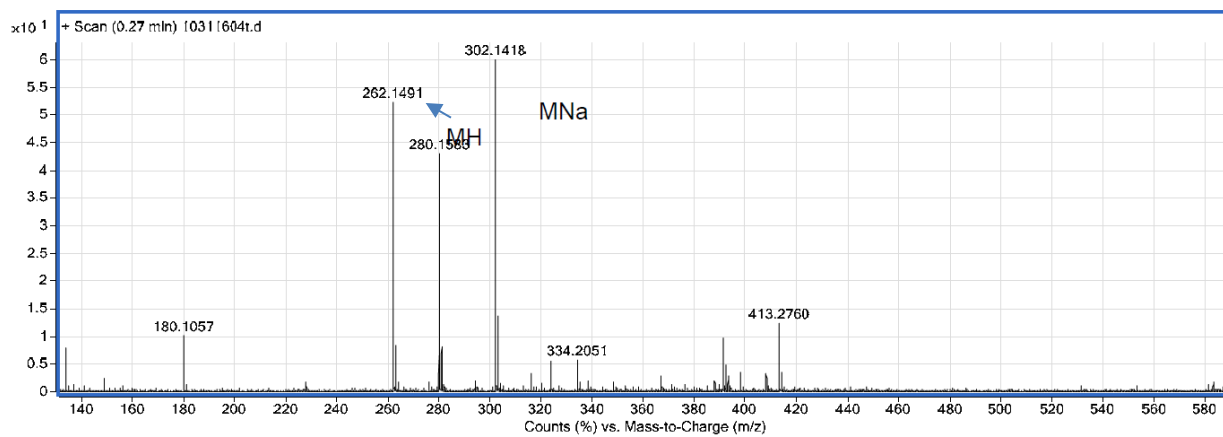
**S1+S2+S4+inactivated C<sub>3</sub>(BbBEAS); (ii) S1+S2+S4+C<sub>3</sub>(BbBEAS).**



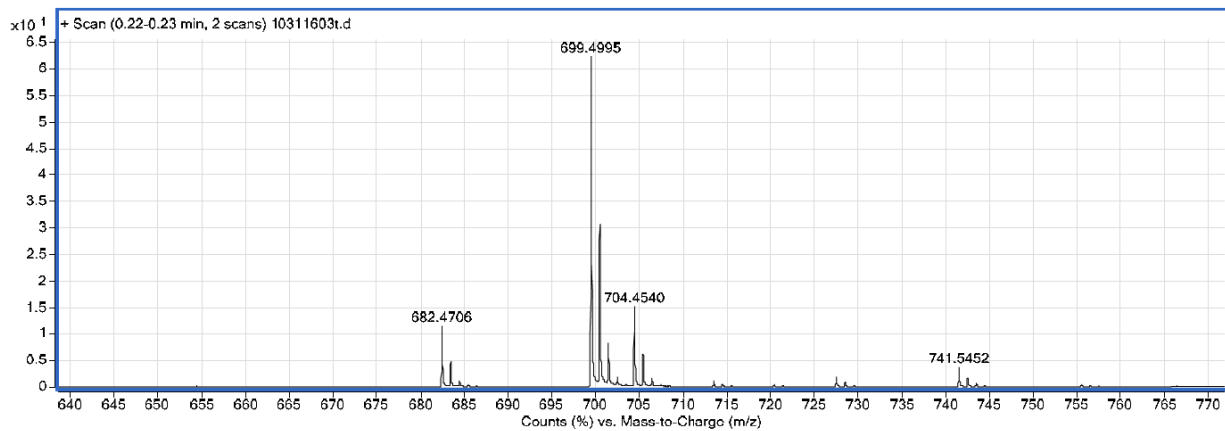
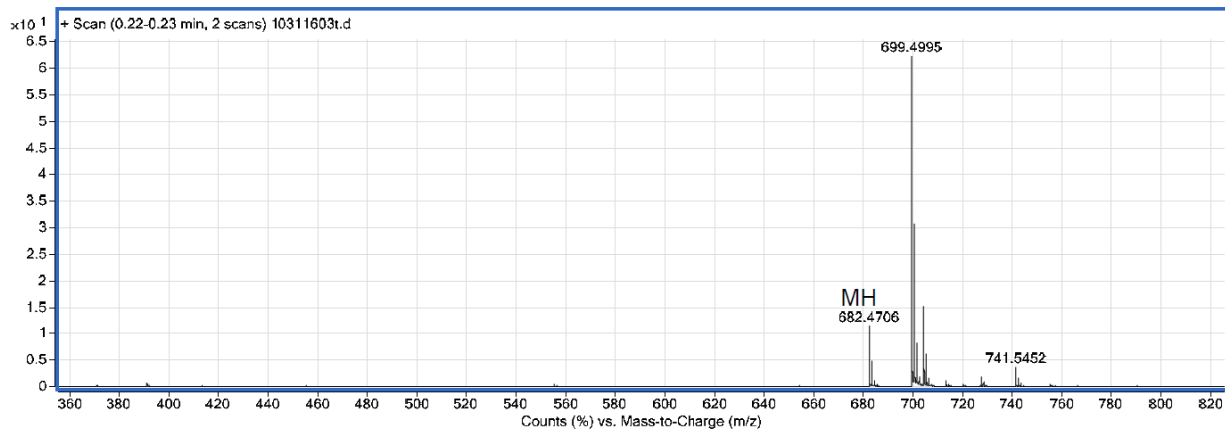
**Supplementary Figure 9 | High resolution ESI-MS of FX1 (15).**



Supplementary Figure 10 | Selected HMBC and  $^1\text{H}$ - $^1\text{H}$  COSY correlations for FX1 (15).



**Supplementary Figure 11 | High resolution ESI-MS of D-Hiv-N-Me-L-Phe (11) obtained by hydrolysis of 15 with 0.1 N NaOH.**



**Supplementary Figure 12 | High resolution ESI-MS of enniatin C (8) generated by C<sub>1</sub>-A<sub>1</sub>-T<sub>1</sub>-C<sub>2</sub>-A<sub>2</sub>-MT-T<sub>2a</sub>-T<sub>2b</sub>(BbBSLS)-C<sub>3</sub>(BbBEAS) in the yeast.**

**Supplementary Table 1 | NMR data for 8, 10, 11 and 15.**

Compound	NMR data
Enniatin C ( <b>8</b> )	<sup>1</sup> H NMR (300 MHz, CDCl <sub>3</sub> ): δ 5.27 (3H, dd, <i>J</i> = 5.4,10.8 Hz), 4.93 (3H, d, <i>J</i> = 8.7 Hz), 3.10 (9H, s), 2.22 (3H, m), 1.75 (3H, m), 1.65 (3H, m), 1.47 (3H, m), 1.00 (9H, d, <i>J</i> = 6.6 Hz), 0.94 (9H, d, <i>J</i> = 6.3 Hz), 0.93 (9H, d, <i>J</i> = 6.9 Hz), 0.91 (9H, d, <i>J</i> = 6.6 Hz)
Cyclo-D-Hiv- <i>N</i> -Me-L-Phe ( <b>10</b> )	<sup>1</sup> H NMR (300 MHz, CDCl <sub>3</sub> ): δ 7.31-7.34 (3H, m), 7.10-7.14 (2H, m), 4.40 (1H, t, <i>J</i> = 4.5 Hz), 3.30 (1H, dd, <i>J</i> = 4.1, 14.1 Hz), 3.19 (1H, dd, <i>J</i> = 4.5, 14.1 Hz), 3.02 (3H, s), 3.00 (1H, d, <i>J</i> = 2.4 Hz), 2.28-2.35 (1H, m), 0.84 (3H, d, <i>J</i> = 7.2 Hz), 0.76 (3H, d, <i>J</i> = 6.6 Hz)  <sup>13</sup> C NMR (75 MHz, CDCl <sub>3</sub> ): δ 167.4, 165.6, 134.2, 129.8 (2×), 129.3 (2×), 128.3, 81.4, 62.8, 37.2, 32.5, 29.8, 18.7, 15.2
D-Hiv- <i>N</i> -Me-L-Phe ( <b>11</b> )	<sup>1</sup> H NMR (300 MHz, CDCl <sub>3</sub> ): δ 7.10-7.34 (5H, m), 4.41 (1H, t, 4.3), 3.28 (1H, dd, <i>J</i> = 4.1, 14.0 Hz), 3.21 (1H, dd, <i>J</i> = 4.6, 14.0 Hz), 3.02 (3H, s), 3.00 (1H, d, <i>J</i> = 2.1 Hz), 2.27-2.37 (1H, m), 0.84 (3H, d, <i>J</i> = 7.1 Hz), 0.76 (3H, d, <i>J</i> = 6.9 Hz)  <sup>13</sup> C NMR (75 MHz, CDCl <sub>3</sub> ): δ 168.1, 165.8, 134.2, 129.9 (2×), 129.4 (2×), 128.7, 81.5, 63.0, 37.3, 32.6, 29.9, 18.8, 15.3
FX1 ( <b>15</b> )	<sup>1</sup> H NMR (500 MHz, CD <sub>3</sub> OD): δ 7.21-7.39 (20H, m, phenyl-CH of Phe), 6.02 (1H, dd, <i>J</i> = 3.5, 13.4 Hz, α-CH of Phe), 5.98 (1H, dd, <i>J</i> = 3.0, 12.9 Hz, α-CH of Phe), 5.70 (1H, dd, <i>J</i> = 2.9, 12.8 Hz, α-CH of Phe), 5.11-5.42 (4H, m, α-CH of Hiv), 5.20 (1H, dd, <i>J</i> = 4.0, 11.7 Hz, α-CH of Phe), 3.54-3.58 (2H, m, β-CH of Phe), 3.44-3.50 (2H, m, β-CH of Phe), 3.22 (3H, s, <i>N</i> -CH <sub>3</sub> ), 3.06 (3H, s, <i>N</i> -CH <sub>3</sub> ), 3.08 (3H, s, <i>N</i> -CH <sub>3</sub> ), 2.90-3.10 (4H, m, β-CH of Phe), 2.81 (3H, s, <i>N</i> -CH <sub>3</sub> ), 1.51-1.70 (4H, m, β-CH of Hiv), 0.89 (3H, d, <i>J</i> = 6.1 Hz, γ-CH <sub>3</sub> of Hiv), 0.71 (3H, d, <i>J</i> = 6.1 Hz, γ-CH <sub>3</sub> of Hiv), 0.65 (3H, d, <i>J</i> = 6.0 Hz, γ-CH <sub>3</sub> of Hiv), 0.60 (3H, d, <i>J</i> = 7.3 Hz, γ-CH <sub>3</sub> of Hiv), 0.58 (3H, d, <i>J</i> = 7.2 Hz, γ-CH <sub>3</sub> of Hiv), 0.55 (3H, d, <i>J</i> = 6.9 Hz, γ-CH <sub>3</sub> of Hiv), 0.48 (3H, d, <i>J</i> = 6.6 Hz, γ-CH <sub>3</sub> of Hiv), 0.28 (3H, d, <i>J</i> = 6.1 Hz, γ-CH <sub>3</sub> of Hiv)  <sup>13</sup> C NMR (125 MHz, CD <sub>3</sub> OD): δ 173.4, 172.8, 172.1, 171.9, 171.0, 170.9, 170.7, 170.5 (C=O), 138.6, 138.3, 138.0, 137.5 (γ-C of Phe), 131.0 (2×CH), 130.9 (2×CH), 130.3 (4×CH), 130.1 (2×CH), 130.0 (2×CH), 129.9 (2×CH), 129.7 (2×CH), 128.2 (2×CH), 128.1 (2×CH) (phenyl-CH of Phe), 78.9, 77.2, 76.7, 76.5 (α-CH of Hiv), 62.0, 59.7, 59.4, 58.8 (α-CH of Phe), 35.9, 35.8, 32.6, 32.5 (CH <sub>2</sub> of Phe), 29.1, 29.0, 27.0, 26.9 (β-CH of Hiv), 31.8, 31.7, 31.2, 31.1 ( <i>N</i> -CH <sub>3</sub> of Phe), 20.4, 19.5, 19.2, 18.9, 18.4, 17.0, 16.5, 15.4 (CH <sub>3</sub> of Hiv)

**Supplementary Table 2 | Primers used in this study.**

No.	Primer	Sequence	Restriction site(s)
1	C <sub>3</sub> (BbBEAS)-NheI-F	5'-aaGCTAGCatggagctgggtcagttggagag-3'	<i>NheI</i>
2	BbBEAS-B-PmlI-wostop-R	5'-aaCACGTGcaaagccgagtttagactct-3'	<i>PmlI</i>
3	BbBEAS-M1-NdeI-F	5'-aaCATATGgagccgctcaaaaatgt-3'	<i>NdeI</i>
4	T <sub>2b</sub> (BbBEAS)-withstop-PmeI-R	5'-aaGTTTAAACtcaaataccgcatgtgcacatt-3'	<i>PmeI</i>
5	C <sub>1</sub> (BbBEAS)-withstop-PmeI-R	5'-aaGTTTAAACtcagctctcgcgagtcacaatgt-3'	<i>PmeI</i>
6	BbBSLS-M1-NdeI-F	5'-aaCATATGgagccaccaacaacgc-3'	<i>NdeI</i>
7	C <sub>1</sub> (BbBSLS)-withstop-PmeI-R	5'-aaGTTTAAACtcacagtggttcggaattccagc-3'	<i>PmeI</i>
8	T <sub>2a</sub> T <sub>2b</sub> C <sub>3</sub> (BbBEAS)-NheI-F	5'-aaGCTAGCatgctgctcgtagagcccggac-3'	<i>NheI</i>
9	T <sub>2b</sub> C <sub>3</sub> (BbBEAS)-NheI-F	5'-aaGCTAGCatgctcgcgaggggctgcaaacgt-3'	<i>NheI</i>
10	C <sub>3</sub> (BbBSLS)-NdeI-F	5'-aaCATATGgaggtttctcaattggaaag-3'	<i>NdeI</i>
11	A <sub>2</sub> MT(BbBEAS)-wistop-PmeI-R	5'-aaGTTTAAACtcacatgcaacctcaatgctcgtga-3'	<i>PmeI</i>
12	A <sub>1</sub> (BbBEAS)-NdeI-SpeI-F	5'-aaCATATGACTAGTctccagattctgcaagagtc-3'	<i>NdeI, SpeI</i>
13	T <sub>2a</sub> (BbBEAS)withstop-PmeI-R	5'-aaGTTTAAACtcacatcgtttccatttcattgc-3'	<i>PmeI</i>
14	T <sub>2b</sub> (BbBSLS)-wostop-PmlI-R	5'-aaCACGTGcatgtcctgtgaaaagttga-3'	<i>PmlI</i>
15	BbBSLSM1-SpeI-F	5'-aaACTAGTatggagccaccaacaacgc-3'	<i>SpeI</i>
16	BbBSLSM3-PmeI-withstop-R	5'-aaGTTTAAACtcataaagacgattcaaac-3'	<i>PmeI</i>
17	A <sub>1</sub> (BbBSLS)-SpeI-F	5'-aaACTAGTccaccagttctcgaagagtc-3'	<i>SpeI</i>
18	BbBSLS-B-PmlI-wostop-R	5'-aaCACGTGtaaagacgattcaaacct-3'	<i>PmlI</i>
19	BSLS-M1-5-SpeI	5'-aaACTAGTatggagccaccaacaacgc-3'	<i>SpeI</i>
20	BSLS-A2MTwithlinker-withstop-PmlI	5'-aaCACGTGtcagctcagtgaaacgccggcgcctcgtgg-3'	<i>PmlI</i>
21	BSLS-T2aT2bC3linker-5-NdeI	5'-aaCATATGctgtctcgcagggccaagc-3'	<i>NdeI</i>
22	BSLSM3-3-PmeI-withstop	5'-aaGTTTAAACtcataaagacgattcaaac-3'	<i>PmeI</i>
23	BSLS-T2bC3linker-5-NdeI	5'-aaCATATGcgtcaacagttggcctcga-3'	<i>NdeI</i>
24	BSLS-T2awithlinker-withstop-PmlI	5'-aaCACGTGtcacatgcttccatgctcgtag-3'	<i>PmlI</i>
25	BbBEAS-H2901A-F	5'-gagtctgtcttcttcttctcggccctctat-3'	
26	BbBEAS-H2901A-R	5'-gtactgaagacgcctgcttgagaatggtg-3'	
27	BbBEAS-D179A-F	5'-atcttgactcgtggccagcaccgttcag-3'	
28	BbBEAS-D179A-R	5'-gaaatacccaaatcagcagttgttctctg-3'	
29	BbBSLS-H170A-F	5'-ttctgtatggacattcagcgcctctttgtcagcag-3'	
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35	BbBSLS-D174A-F	5'-agccactctttgtcggcagtgcttcca-3'	
36	BbBSLS-D174A-R	5'-gaatgtccatacaagaactcgtctcttgaa-3'	
37	BbBEAS-S2688A-F	5'-tttttgacctcgggtggcagtcgctcatggcgaca-3'	
38	BbBEAS-S2688A-R	5'-gttgctcgtgactccgacatccatccaaggacatt-3'	
39	Linker(T <sub>2a</sub> )linker(T <sub>2b</sub> )T <sub>2b</sub> C <sub>3</sub> -SOE1-R	5'-cgacgttttgacgcccctcgcgtgcaacctcaatgctcgtg-3'	
40	Linker(T <sub>2a</sub> )linker(T <sub>2b</sub> )T <sub>2b</sub> C <sub>3</sub> -SOE2-F	5'-cagcgacattgaggttgacgcggaggggctgcaaacgtcg-3'	
41	BbBEAS-AscI7195-F	5'-aaactagatGGCGCGCCctggatatccgccgt-3'	<i>AscI</i>
42	BbBEAS with T <sub>2a</sub> T <sub>2b</sub> C <sub>3</sub> (BbBSLS)-F	5'-cccggacgacgacgatggtgcaaaagtggcacc-3'	
43	BbBEAS with T <sub>2a</sub> T <sub>2b</sub> C <sub>3</sub> (BbBSLS)-R	5'-ggtgccgactttgcaccatgctcgtcgtccggg-3'	
44	BbBEAS with T <sub>2b</sub> C <sub>3</sub> (BbBSLS)-F	5'-ctttgaatggtggtggaggccaggacaagaaaga-3'	
45	BbBEAS with T <sub>2b</sub> C <sub>3</sub> (BbBSLS)-R	5'-tctttctgtcctggcctccaccaccattcaaac-3'	
46	BbBEAS with C <sub>3</sub> (BbBSLS)-F	5'-aacactgcgtttcaactatcccgcggcagtc-3'	
47	BbBEAS with C <sub>3</sub> (BbBSLS)-R	5'-gcatcggcggcgggaatgagtgaaacgcagtg-3'	
48	BbBSLS-BsrGI6843-F	5'-aaTGTACActtgctcggctcagac-3'	<i>BsrGI</i>
49	BbBSLS with T <sub>2a</sub> T <sub>2b</sub> C <sub>3</sub> (BbBEAS)-F	5'-ccaaagctatcaaaaagacgaagaaaagaagcc-3'	



50	BbBSLS with T <sub>2a</sub> T <sub>2b</sub> C <sub>3</sub> (BbBEAS)-R	5'-ggcttcttttctcgtcttttgatagcttgg-3'	
51	BbBSLS with T <sub>2b</sub> C <sub>3</sub> (BbBEAS)-F	5'-ctcggccgggtgggtcaagcgaagcaagggtc-3'	
52	BbBSLS with T <sub>2b</sub> C <sub>3</sub> (BbBEAS)-R	5'-gaccctgcttcgcttgaccaccaccggccgaag-3'	
53	BbBSLS with C <sub>3</sub> (BbBEAS)-F	5'-acactgcctccagctctgtctgtgaagattt-3'	
54	BbBSLS with C <sub>3</sub> (BbBEAS)-R	5'-aaatctcaacagacaagagctggaaggcagtgt-3'	
55	C <sub>1</sub> (BbBEAS)-withstop-BamHI-R	5'-aaGGATCCtcagtcctcgcgagtcacaatgt-3'	<i>BamHI</i>
56	C <sub>3</sub> (BbBEAS)-NheI-pET-F	5'-aaGCTAGCcatggagctgggtcagttggagag-3'	<i>NheI</i>
57	BbBEAS-B-R-BamHI	5'-aaGGATCCtcacaaagccgagtttagactct-3'	<i>BamHI</i>
58	C <sub>3</sub> (BbBSLS)-NdeI-pET-F	5'-aaCATATGcagcaatgttttctacgc-3'	<i>NdeI</i>
59	BbBSLSM3-BamHI-withstop-R	5'-aaGGATCCtcataaagacgattcaag-3'	<i>BamHI</i>
60	C <sub>2</sub> (BbBEAS)-NdeI-F	5'-aaCATATGagcggcgattctacgcctc-3'	<i>NdeI</i>
61	C <sub>2</sub> (BbBEAS)-HindIII-R	5'-aaAAGCTTtcagctgtcagctccttaacc-3'	<i>HindIII</i>
62	MT <sub>(BbBEAS)</sub> -NdeI-F	5'-aaCATATGgctgacgatgccgttgagca-3'	<i>NdeI</i>
63	MT <sub>(BbBEAS)</sub> -BamHI-R	5'-aaGGATCCtactgcagccgctgcagcggcc-3'	<i>BamHI</i>

**Supplementary Table 3 | Plasmids constructed in this study.**

Plasmid	Description	Primers
pDY83	$C_3(bbBeas)$ in pJET1.2	1, 2
pDY85	$bbBeas-\Delta C_3(PmeI)$ in pJET1.2	3, 4
pDY87	$C_3(bbBeas)$ in YEpADH2p-URA3	
pDY88	$bbBeas-\Delta C_3(PmeI)$ in YEpADH2p-TRP1	
pDY92	$C_1(bbBeas)$ in pJET1.2	3, 5
pDY93	$C_1(bbBsls)$ in pJET1.2	6, 7
pDY100	$C_1(bbBeas)$ in YEpADH2p-TRP1	
pDY101	$C_1(bbBsls)$ in YEpADH2p-TRP1	
pDY104	$T_{2a}T_{2b}C_3(bbBeas)$ in pJET1.2	8, 2
pDY105	$T_{2b}C_3(bbBeas)$ in pJET1.2	9, 2
pDY106	$C_3(bbBsls)$ in pJET1.2	10, 16
pDY108	$bbBeas-\Delta T_{2a}T_{2b}C_3$ in pJET1.2	3, 11
pDY109	$bbBeas-\Delta C_1$ in pJET1.2	12, 2
pDY111	$bbBeas-\Delta T_{2b}C_3$ in pJET1.2	3, 13
pDY112	$bbBsls-\Delta C_3$ in pJET1.2	15, 14
pDY113	$bbBsls-\Delta C_1$ in pJET1.2	17, 18
pDY114	$T_{2a}T_{2b}C_3(bbBeas)$ in YEpADH2p-URA3	
pDY115	$T_{2b}C_3(bbBeas)$ in YEpADH2p-URA3	
pDY116	$C_3(bbBsls)$ in YEpADH2p-TRP1	
pDY117	$bbBeas-\Delta C_1$ in YEpADH2p-URA3	
pDY118	$bbBeas-\Delta T_{2b}C_3$ in YEpADH2p-TRP1	
pDY119	$bbBsls-\Delta C_3$ in YEpADH2p-URA3	
pDY121	$bbBsls-\Delta C_1$ in YEpADH2p-URA3	
pDY122	$bbBeas-\Delta T_{2a}T_{2b}C_3$ in YEpADH2p-TRP1	
pDY135	$bbBsls-\Delta T_{2a}T_{2b}C_3$ in pJET1.2	19, 20
pDY136	$T_{2a}T_{2b}C_3(bbBsls)$ in pJET1.2	21, 22
pDY137	$T_{2b}C_3(bbBsls)$ in pJET1.2	22, 23
pDY138	$bbBsls-\Delta T_{2b}C_3$ in pJET1.2	19, 24
pDY139	$T_{2b}C_3(bbBsls)$ in YEpADH2p-TRP1	
pDY140	$T_{2a}T_{2b}C_3(bbBsls)$ in YEpADH2p-TRP1	
pDY141	$bbBsls-\Delta T_{2b}C_3$ in YEpADH2p-URA3	
pDY150	$bbBsls-\Delta T_{2a}T_{2b}C_3$ in YEpADH2p-URA3	
pDY145	$bbBeas-H2901A$ in YEpADH2p-URA3	25, 26
pDY149	$bbBeas-D179A$ in YEpADH2p-URA3	27, 28
pDY151	$bbBsls-H170A$ in YEpADH2p-URA3	29, 30
pDY152	$bbBsls-H2861A$ in YEpADH2p-URA3	31, 32
pDY158	$bbBeas-S2591A$ in YEpADH2p-URA3	33, 34
pDY161	$bbBsls-D174A$ in YEpADH2p-URA3	35, 36
pDY162	$bbBeas-S2688A$ in YEpADH2p-URA3	37, 38
pDY165	$bbBeas-\Delta T_{2a}$ in pJET1.2	41, 39, 40, 2
pDY173	$bbBeas-\Delta T_{2a}$ in YEpADH2p-URA3	
pDY183	$bbBeas-S2591A$ in pDY162	33, 34

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pDY188	<i>bbBeas</i> with $T_{2a}T_{2b}C_{3(bbBsIs)}$ in pJET1.2	41, 43, 42, 18
pDY189	<i>bbBeas</i> with $T_{2b}C_{3(bbBsIs)}$ in pJET1.2	41, 45, 44, 18
pDY190	<i>bbBeas</i> with $C_{3(bbBsIs)}$ in pJET1.2	41, 47, 46, 18
pDY191	<i>bbBsIs</i> with $T_{2a}T_{2b}C_{3(bbBeas)}$ in pJET1.2	48, 50, 49, 2
pDY192	<i>bbBsIs</i> with $T_{2b}C_{3(bbBeas)}$ in pJET1.2	48, 52, 51, 2
pDY201	$C_1A_1T_1C_2A_2MT_{(bbBeas)}T_{2a}T_{2b}C_{3(bbBsIs)}$ in YEpADH2p-URA3	
pDY203	$C_1A_1T_1C_2A_2MTT_{2a}T_{2b(bbBeas)}-C_{3(bbBsIs)}$ in YEpADH2p-URA3	
pDY204	$C_1A_1T_1C_2A_2MTT_{2a(bbBeas)}T_{2b}C_{3(bbBsIs)}$ in YEpADH2p-URA3	
pDY205	$C_1A_1T_1C_2A_2MTT_{2a(bbBsIs)}T_{2b}C_{3(bbBeas)}$ in YEpADH2p-URA3	
pDY215	$C_1A_1T_1C_2A_2MT_{(bbBsIs)}T_{2a}T_{2b}C_{3(bbBeas)}$ in YEpADH2p-URA3	
pDY222	<i>bbBsIs</i> with $C_{3(bbBeas)}$ in pJET1.2	48, 54, 53, 2
pDY224	$C_1A_1T_1C_2A_2MTT_{2a}T_{2b(bbBsIs)}-C_{3(bbBeas)}$ in YEpADH2p-URA3	
pFC1	$C_1(bbBeas)$ in pJET1.2	3, 55
pFC2	$C_3(bbBeas)$ in pJET1.2	56, 57
pFC3	$C_1(bbBeas)$ in pET28a	
pFC4	$C_3(bbBeas)$ in pET28a	
pFC9	$C_3(bbBsIs)$ in pJET1.2	58, 59
pFC11	$C_3(bbBsIs)$ in pET28a	
pFC44	$C_3(bbBeas-H2901A)$ in pJET1.2	56, 57
pFC46	$C_3(bbBeas-H2901A)$ in pET28a	
pFC62	$C_2(bbBeas)$ in pJET1.2	60, 61
pFC63	$C_2(bbBeas)$ in pET28a	
pZJ134	$MT_{(bbBeas)}$ in pJET1.2	62, 63
pJCZ21	$MT_{(bbBeas)}$ in pET28a	

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