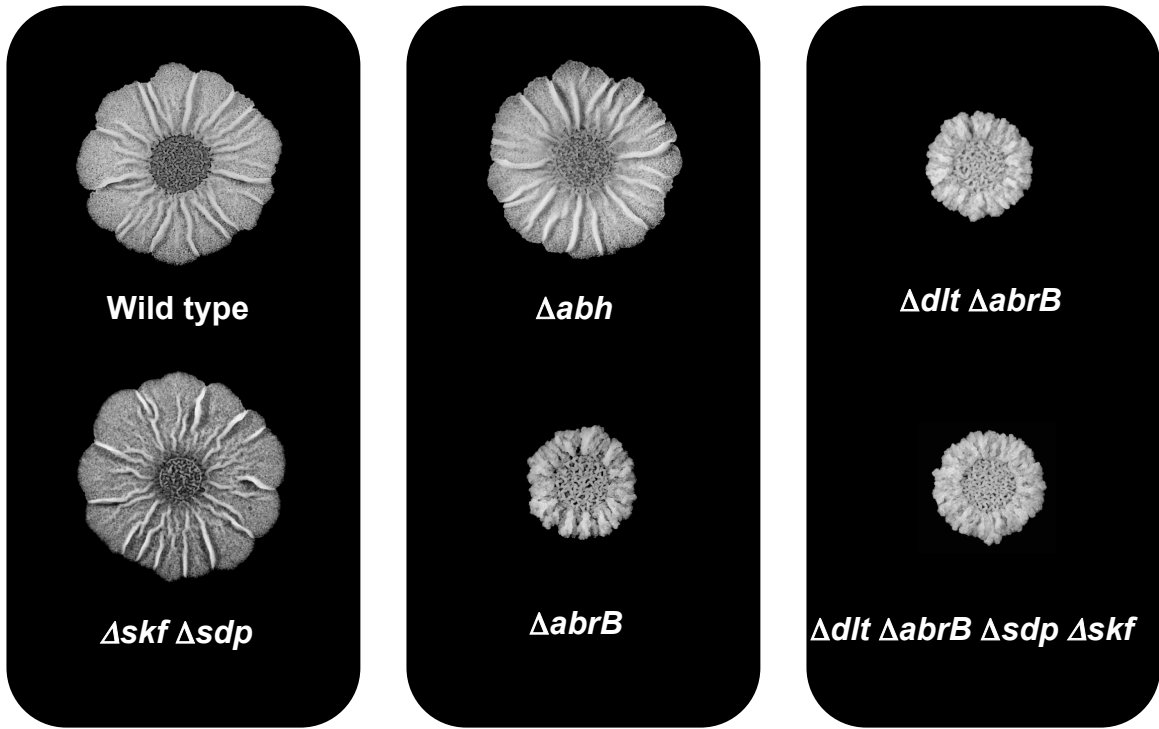**SUPLEMENTARY INFORMATION**

Fig. S1: Phenotypes of the Δ*abh* and Δ*abrB* mutants on MSgg solid agar. The Abh regulator proved an ideal way to study the effect of cannibalism on biofilm formation, contrary to its homolog AbrB, which directly regulates the expression of both *eps* and *yqxM* operons by binding directly their promoter regions. Abh is not known to not bind the regulatory regions of *eps* and *yqxM* operons. Although the Δ*abrB* mutant overproduced the cannibalism toxins, its effect could not be seen due to the constitutive derepression of the *eps* and *yqxM* operons.

Table S1: List of strains used in this work.

Table S2: List of primers used in this work.

Wild type

Δskf Δsdp

Δabh

ΔabrB

Δdlt ΔabrB

Δdlt ΔabrB Δsdp Δskf

FigureS1

Strain	Genotype	Reference
NCIB3610 Wild type. Undomesticated strain		
DL001	Wild type	Branda *et al.*, 2001
DL384	Δ*abh*::*km*	This study
DL482	Δ*dlt*::*tet*	This study
DL594	Δ*dlt*::*km*	This study
DL598	Δ*skf*::*cm*	This study
DL631	Δ*sdp*::*spc*	This study
DL227	Δ*kinC*::*mls*	Lopez *et al.*, 2009
SB572	Δ*eps*::*tet* Δ*tasA*::*km*	This study
DL638	Δ*kinC*::*mls*, Δ*dlt*::*tet*, Δ*abh*::*km*	This study
DL498	Δ*srfAA*::*mls*, Δ*dlt*::*tet*, Δ*abh*::*km*	This study
DL484	Δ*dlt*::*tet*, Δ*abh*::*km*	This study
DL631	Δ*skf*::*cm*, Δ*sdp*::*spc*	This study
DL633	Δ*dlt*::*tet*, Δ*abh*::*km*, Δ*skf*::*cm*, Δ*sdp*::*spc*	This study
CA018	*amyE*::P$_{yqxM}$-*yfp*	Vlamakis *et al.*, 2008
DL821	*lacA*::P$_{yqxM}$-*yfp*	This study
DL823	*lacA*::P$_{yqxM}$-*cfp*	This study
DL881	*amyE*::P$_{skf}$-*yfp*	This study
DL875	*amyE*::P$_{skf}$-*yfp*, *lacA*::P$_{yqxM}$-*cfp*	This study
DL215	Δ*kinC*::*mls*, *amyE*::P$_{yqxM}$-*cfp*	Lopez *et al.*, 2009
DL1116	Δ*kinC*::*mls*, *amyE*:::P$_{skf}$-*yfp*	This study
DL645	*amyE*::P$_{skf}$-*lacZ*	This study
DL647	*amyE*::P$_{sdp}$-*lacZ*	This study
DL649	Δ*abh*::*km*, *amyE*::P$_{skf}$-*lacZ*	This study
DL651	Δ*abh*::*km*, *amyE*::P$_{sdp}$-*lacZ*	This study
DL826	Δ*dlt*::*tet*, Δ*abh*::*km*, *amyE*::P$_{yqxM}$-*yfp*	This study
DL383	Δ*abrB*::*tet*	Kim *et al.*, 2003
DL592	Δ*abrB*::*tet*, Δ*dlt*::*km*	This study
DL606	Δ*abrB*::*tet*, Δ*dlt*::*km*, Δ*skf*::*cm*, Δ*sdp*::*spc*	This study
DL1279	Δ*abrB*::*tet*, Δ*dlt*::*km*, Δ*skf*::*cm*, Δ*sdp*::*spc*, *lacA*::P$_{yqxM}$-*cfp*	This study

Table S1

Name	Sequence
Abh1	5'-GGTGTGCAAACGACTACG-'3
Abh2	5'-CCTATCACCTCAAATGGTTCGCTGCACAACACCTATTGATTTCAT-'3
Abh3	5'-CGAGCGCCTACGAGGAATTTGTATCGCGAAGAAATTCAAGCCGC-'3
Abh4	5'-GTGGTCGGCTACGTGC-'3
Abhspc2	5'- CGTTACGTTATTAGCGAGCCAGTCCACAACACCTATTGATTTCAT-'3
Abhspc3	5'- CAATAAACCCTTGCCCTCGCTACGCGAAGAAATTCAAGCCGC-'3
Dlt1	5'- TGACTCCAGGTATCTTTTCC-'3
Dlt2	5'- GAGAACAACCTGCACCATTGCAAGACTGATACGTGAGCGACTG-'3
Dlt3	5'- GGGATCAACTTTGGGAGAGAGTTCACAATTTAACAGCAGGGAGA-'3
Dlt4	5'- GATGAACGGACGGATGTA-'3
dltKm2	5'- CCTATCACCTCAAATGGTTCGCTGCTGATACGTGAGCGACTG-'3
dltKm3	5'- CGAGCGCCTACGAGGAATTTGTATCGACAATTTAACAGCAGGGAGA-'3
Skf1	5'-ACCTGAACATCCGCGTAA-'3
Skf2	5'-CTTGATAATAAGGGTAACTATTGCCGACATAGCTCCCATGCG-'3
Skf3	5'-GGGTAACTAGCCTCGCCGGTCCACGCCGTCTTGTATGTGCGA-'3C
Skf4	5'-GCCCAATACATCGCTTCA-'3
Sdp1	5'-GAATCGCGGAAAACATGC-'3
Sdp2	5'-CGTTACGTTATTAGCGAGCCAGTCGATGTAGATTACCTCCTCT-'3
Sdp3	5'-CAATAAACCCTTGCCCTCGCTACGGTGTCTTGCGGATTGCTC-'3
Sdp4	5'-GGGGATAACGATTTATGAAG-'3
Pskffw	5'-TCAGAATTCTAAGATGTTTAACCCCTCTGG-'3
Pskfrv	5'-TGAGGATCCCCTCTCAATTTTTGCATAGAGT-'3
Psdpfw	5'-AGTCTCGAATTCGAAGAAAAGTGAATGAGCTG-'3
Psdprv	5'- AAAAGGATCCTAAGCTAATATAATCATTTCAAA-'3

Table S2