

Appendix A

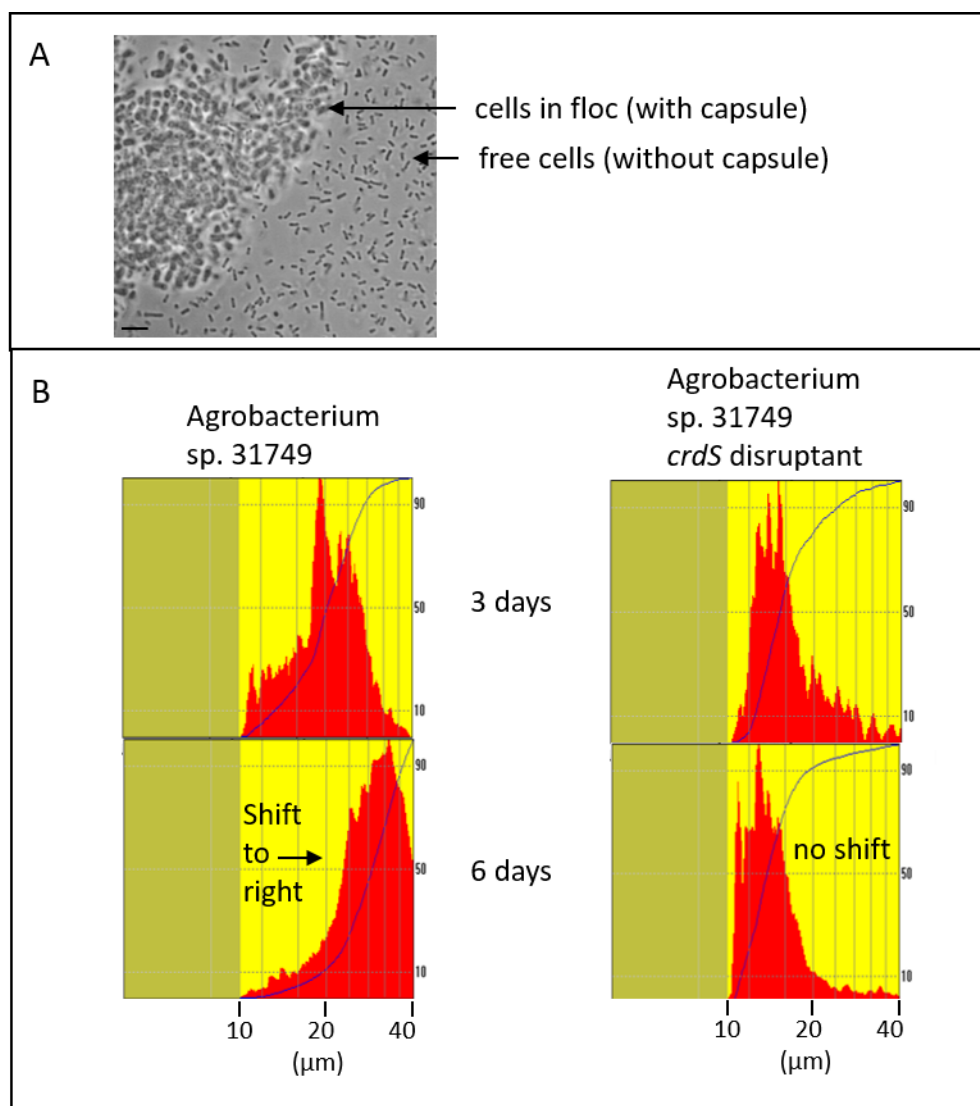


Figure S1 Curdlan promotes cell aggregation. (A) In liquid cultures of *Agrobacterium* defined broth (ADB), encapsulated cells form cell aggregates/flocs, while non-capsulated cells remain free and unattached. Bar represents 5 μm . (B) Liquid cultures were analysed using a particle counter with a 10-40 μm cutoff. The average size of the particles/flocs from the curdlan producing strain were clearly larger and shifted to right (compare 3 days and 6 days), while the particles from the *crdS* disruptant did not.

Appendix B

Table S1 primers and plasmids used in this study

<u>construct name</u>	<u>primer name</u>	<u>primer sequence</u>	<u>application</u>	
pKPcrdA-mV	PcrdA-384H-fwd	cataagcttAGTTTTGGGAAAAAGCAACGG	suicide plasmid 1	
	PcrdA+51X-rev	atgtctagaTCTTACGGATGCGCCTTTAT	(PCR for Pcrd)	
pK18-crdA KO	crdA-rbs-sal-fwd	atatgtcgacaacagaggagttgatttcATGctgttcc	suicide plasmid 2	
	crdA+489x-rev	tatatctagagacgagttttgtttgcgagccg	(PCR for <i>crdA</i> fragment)	
pK-PphaP-crdA	PphaP-134-H-fwd	catacaagcttGCAACGCAAGGCGTTTCGGG	suicide plasmid 3	
	PphaP-ts-Sal-rev	catagtgcacTCTCCTGCGAGCGGGCTCAT	(PCR for PphaP)	
	crdA-rbs-sal-fwd	atatgtcgacaacagaggagttgatttcATGctgttcc		
	crdA+489x-rev	tatatctagagacgagttttgtttgcgagccg	(PCR for <i>crdA</i> fragment)	
pPHU-Pcrd::mVenus	PcrdA-384H-fwd	cataagcttAGTTTTGGGAAAAAGCAACGG	reporter plasmid	
	PcrdA+51X-rev	atgtctagaTCTTACGGATGCGCCTTTAT	(PCR for Pcrd)	
pPHU-PphaP::mVenus	P0381-H-fwd2	gataaagcttAATACGGCCATTACACCAAC	reporter plasmid	
	P0381-X-rev2	catatctagaGTCCTGCATCACTTTGCTG	PCR for PphaP, 0381 = <i>phaP</i>)	
	mVenus-E-rev	catgaattcTTACTTGTACAGCTCGTCCATGC	reporter, mVenus gene	
	mVenus-X-fwd	tcattctagaATGGTGAGCAAGGGCGAGGAGCT	(PCR for mVenus)	
pK18-crdS KO	CRDS1.2	CGGGATCCTCTAGACGACTTCATCATGGTCCTC	suicide plasmid	
	CRDS5.2.2	CGGGATCCTCTAGACCATCAGGCGATATGTCAG	(PCR for <i>crdS</i> fragment)	

DNA sequences relevant for suicide and reporter plasmids

Colour coded key:

Vector sequence (pK18mob2)

crdA fragment

PcrdA fragment

mVenus sequence

PphaP

atg =start codon of *crdA*

various restriction digest sites

> pK18PcrdA-mV, Suicide plasmid 1 (reporter plasmid for 31749)

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ACGACGGCCAGTGCC AAGCTT AGTTTTGGGAAAAAGCAACGGCACTTCCATACCGACTTGAGGCGCTA
ACGCGCTTGCAGTCTGGAATTGACCTACCCGGCGGTAGGTCTTTGCGACGGCATGCCGTGCGCCCCAT
AAGTTGCATATGCGAAATGGCGAAGCCAGGGTGTGTTTTCCAAGCACGCCATTTAAAAGGCAATTCTA
ATATGAAACGATTGAAATTCGTCTTTCAAATTCTCTTCGATGAATTTTCGCGTCCCCAAAATCGTCAGA
TGCCTATTTGTTGGTCAAAATTGGAATAATAGTTAATGCAATTTTACTATGTTGCGGCGCACAAGAAGT
TCATTACCATTTCAATACTGCGGGAGGAACGGTTTCTCAACAACAGAGGAGTTGATTTCatgCTGTTCC
GCAATAAGCCTGACGCAAAATATAAAGGCGCATCCGTAAGATCTAGAATGGTGAGCAAGGGCGAGGA
GCTGTTACCGGGGTGGTGCCCATCCTGGTCGAGCTGGACGGCGACGTAAACGGCCACAAGTTCAGCG
TGTCCGGCGAGGGCGAGGGCGATGCCACCTACGGCAAGCTGACCCTGAAGCTGATCTGCACCACCGG
CAAGCTGCCCCGTGCCCTGGCCACCCTCGTGACCACCCTGGGCTACGGCCTGCAGTGCTTCGCCCCGT
ACCCCGACCACATGAAGCAGCACGACTTCTTCAAGTCCGCCATGCCCCAAGGCTACGTCCAGGAGCG
CACCATCTTCTTCAAGGACGACGGCAACTACAAGACCCGCGCCGAGGTGAAGTTCGAGGGCGACACC
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CAACTTCAAGATCCGCCACAACATCGAGGACGGCGGCGTGCAGCTCGCCGACCACTACCAGCAGAAC
ACCCCATCGGCGACGGCCCCGTGCTGCTGCCCCGACAACCACTACCTGAGCTACCAGTCCAACTGAG
CAAAGACCCCAACGAGAAGCGCGATCACATGGTCTGCTGGAGTTCGTGACCGCCGCCGGGATCACT
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> pK18PcrdA-mV, Suicide plasmid 1 (reporter plasmid for C58)

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ACGACGGCCAGTGCC AAGCTT AGTTTTGGGAAAAAGCAACGGCACTTCCATACCGACTTGAGGCGCTA
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AACTTCAAGATCCGCCACAACATCGAGGACGGCGGCGTGCAGCTCGCCGACCACTACCAGCAGAAC
CCCCATCGGCGACGGCCCCGTGCTGCTGCCCCGACAACCACTACCTGAGCTACCAGTCCAACTGAGC
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CGGCATGGACGAGCTGTACAAGTAAGAATTGTA
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>pK18-crdA KO, Suicide plasmid 2 (KO plasmid for C58)

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AATAAGCCTGACGCAAAATATAAAGGCGCATCCGTAAGATTAGCCTCCTATACTGTTCTCGGTGTGGTG
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CCCCATTATTCCCTTGACGACGCCGATCAGCGGCGTTGTGAAAACATCGAACGACAGGGGCGGTGCC
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 ACAATGAGATGCGCCAGAAGAACTCGATCGTTTCGGACTATGCCTCGCGGATCGACGACCTGAACAGG
 GATCTTTCCAGCCAGCAGGCGGCTTTGCTGCTGCGGACAGAGTCCGATCTCGAGGCTGCAGAGGCGGC
 CTTGCAGATGGTTACCTATTCCACGCGGATCGCAAAAGCCGAAGCGGCTCGCAACAAAAACTCGTCT
 CTAGA GGATCCCCGGGTACCGAGCTC GAATTC GTA

>pK18-PphaP-crdA, Suicide plasmid 3 (over-expression plasmid for 31749)

AAGCTT GCAACGCAAGGCGTTTCGGGCCAGGTGCGAAAAAATGCTGCGGTGCAGAATGAGCGGTGGA
 TTTTCTGCGGCGCAGCATTATATCCTTGTCACAGGATAACCGGGCATGAGCCCGCTCGCAGGAGA GTC
 GAC AACAGAGGAGTTGATTTCatgCTGTTCCGCAATAAGCCTGACGCAAAATATAAAGGCGCATCCGTA
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