

Chickpea Derived Prebiotic Substances Trigger Biofilm Formation by *Bacillus subtilis*

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Table S1. Bacterial strains and their origins.

Bacteria	Strain	Genotype	Description	Reference
<i>B. subtilis</i>	NCIB 3610	wild type (WT)	Undomesticated WT strain	[1]
	YC 121	<i>PtapA</i> -LacZ	Transcriptional fusion of <i>tapA</i> promoter to generate β -galactosidase	[2]
	YC 161	<i>Pspank-gfp</i> in 3610,	Consistently produces a green fluorescent protein (GFP)	[3]
	RL3852	Δ <i>epsH</i> in 3610	Matrix mutant lacking the ability to form bio-films	[4]
	SB505	Δ <i>tasA</i> in 3610	Matrix mutant lacking the ability to form bio-films	[5]

Table S2. Fibers used and their origin.

Fiber	Source	Country
Chickpea Fiber (CPF)	ChickP	Rehovot, Israel
Wheat Fiber (WF)	GSK	Warren, New Jersey, USA
Cellulose Fiber (CF)	Store-bought	Rehovot, Israel

Preparation of CPF

CPF, as used in this study, was prepared as follows.

Chickpea grains were processed for the extraction of proteins and oils. After the extraction, starch and fibers in the residues were physically separated based on densities. The resultant fibers from this process were the substrate labeled chickpea fiber, CPF.

References

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