

# Supplementary Material S1

## Characterization of *Bacillus velezensis* UTB96, Demonstrating Improved Lipopeptide Production Compared to the Strain *B. velezensis* FZB42

Maliheh Vahidinasab <sup>1,\*</sup>, Isabel Adiek <sup>1</sup>, Behnoush Hosseini <sup>2</sup>, Stephen Olusanmi Akintayo <sup>1</sup>, Bahar Abrishamchi <sup>1</sup>, Jens Pfannstiel <sup>3</sup>, Marius Henkel <sup>4</sup>, Lars Lilge <sup>1</sup>, Ralf Voegelé <sup>2</sup> and Rudolf Hausmann <sup>1</sup>

<sup>1</sup>Department of Bioprocess Engineering (150k), Institute of Food Science and Biotechnology, University of Hohenheim, Fruwirthstraße 12, Stuttgart 70599, Germany

<sup>2</sup>Department of Phytopathology (360a), Institute of Phytomedicine, Faculty of Agricultural Sciences, University of Hohenheim, Otto-Sander-Str. 5, 70599 Stuttgart, Germany

<sup>3</sup>Core Facility Hohenheim, Mass Spectrometry Unit, University of Hohenheim, August-von-Hartmann-Str. 3, 70599 Stuttgart, Germany

<sup>4</sup>Department of Cellular Agriculture, TUM School of Life Science, Technical University of Munich, Gregor-Mendel-Str. 4, 85354 Freising, Germany

\*Corresponding author: vahidin@uni-hohenheim.de

**Supplementary Material S1.** List of primers used in this study for amplification of iturin A operon in *Bacillus velezensis* UTB96

Name	Sequence 5' – 3'	Purpose
s1250 F	GCCGTCATACAATTGAATCAG	Sequencing of nucleotide gaps in the <i>ituB</i> gene from <i>B.</i> <i>velezensis</i> UTB96
s1194 R	ATACGGTGCAAATGGTTCAAC	
s1661 F	GTTTCCGTCAGGAAGGTAAC	
s1662 R	GAGATTGTGTCAGACGGTG	
s1689 F	GCTCCGGATCAATAGGAAG	
s1690 R	GTGGGGATCAGAGATCAC	
s1665 F	GCTGACGATAAGTCAGTGTC	
s1666 R	CAACCATTGAACAGCTCGC	Sequencing of nucleotide gaps in the <i>ituC</i> gene from <i>B.</i> <i>velezensis</i> UTB96
s1201 F	CCGCTTCTTTGACAGCATC	
s1255 R	CGATATATCGAATGGCTGG	
s1254 F	CCAGCCATTTCGATATATCG	
s1200 R	CTGGGATTGTTTCAATGTCAG	
s1659 F	CGGCCAGTATTTTTTCCAG	
s1660 R	TGGTTCTCCTGGTCGGAAT	