

Figure S1. Circular map of the *B. inaquosorum* KR2-7 genome. Outermost circle (1st): all genes are color-coded according to their functions (see top right); 2nd circle: GC content (black); 3rd circle: GC skew⁺ (green); 4th circle: GC skew⁻ (violet); 5th circle: scale (bps). GC views were prepared using CGView Server V1.0 (<http://wishart.biology.ualberta.ca/cgview/>)

Table S1. The comparison of COG functional categories between *B. subtilis* KR2-7 and *B. velezensis* FZB42

COG code	Description	KR2-7	FZB42
B	Chromatin structure and dynamics	1	-
C	Energy production and conversion	191	169
D	Cell cycle control, cell division, chromosome partitioning	34	37
E	Amino acid transport and metabolism	322	275
F	Nucleotide transport and metabolism	83	82
G	Carbohydrate transport and metabolism	278	236
H	Coenzyme transport and metabolism	108	120
I	Lipid transport and metabolism	103	122
J	Translation, ribosomal structure and biogenesis	166	155
K	Transcription	309	240
L	Replication, recombination and repair	150	112
M	Cell wall/membrane/envelope biogenesis	213	174
N	Cell motility	44	61
O	Posttranslational modification, protein turnover, chaperones	104	97
P	Inorganic ion transport and metabolism	200	154
Q	Secondary metabolites biosynthesis, transport and catabolism	76	64
R	General function prediction only	-	337
S	Function unknown	913	318
T	Signal transduction mechanisms	143	130
U	Intracellular trafficking, secretion, and vesicular transport	26	169
V	Defense mechanisms	67	-

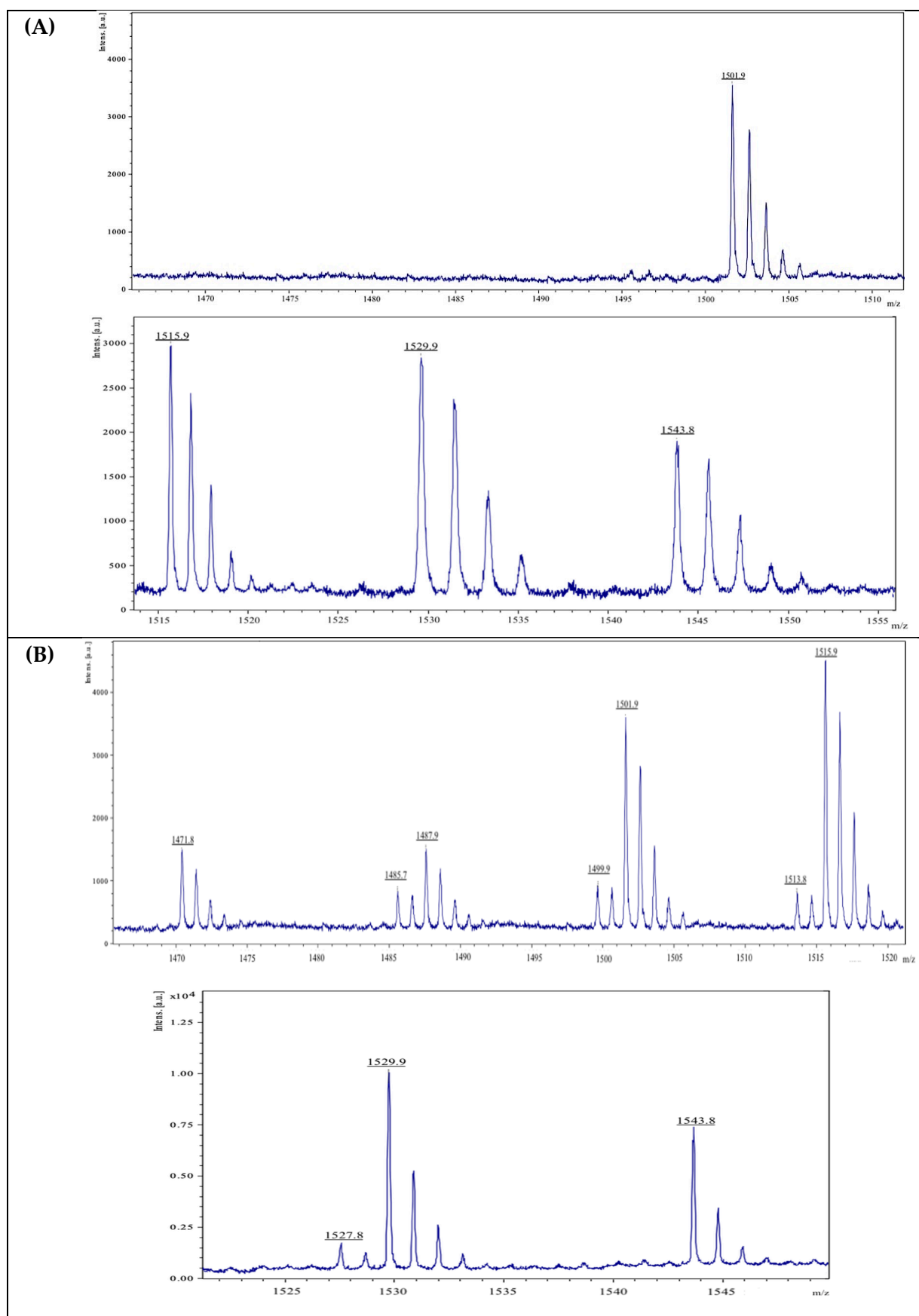


Figure S2. The fengycin mass peaks detected by MALDI-TOF mass spectrometry in A) control cell extract of KR2-7 and B) dual culture cell extract of KR2-7.

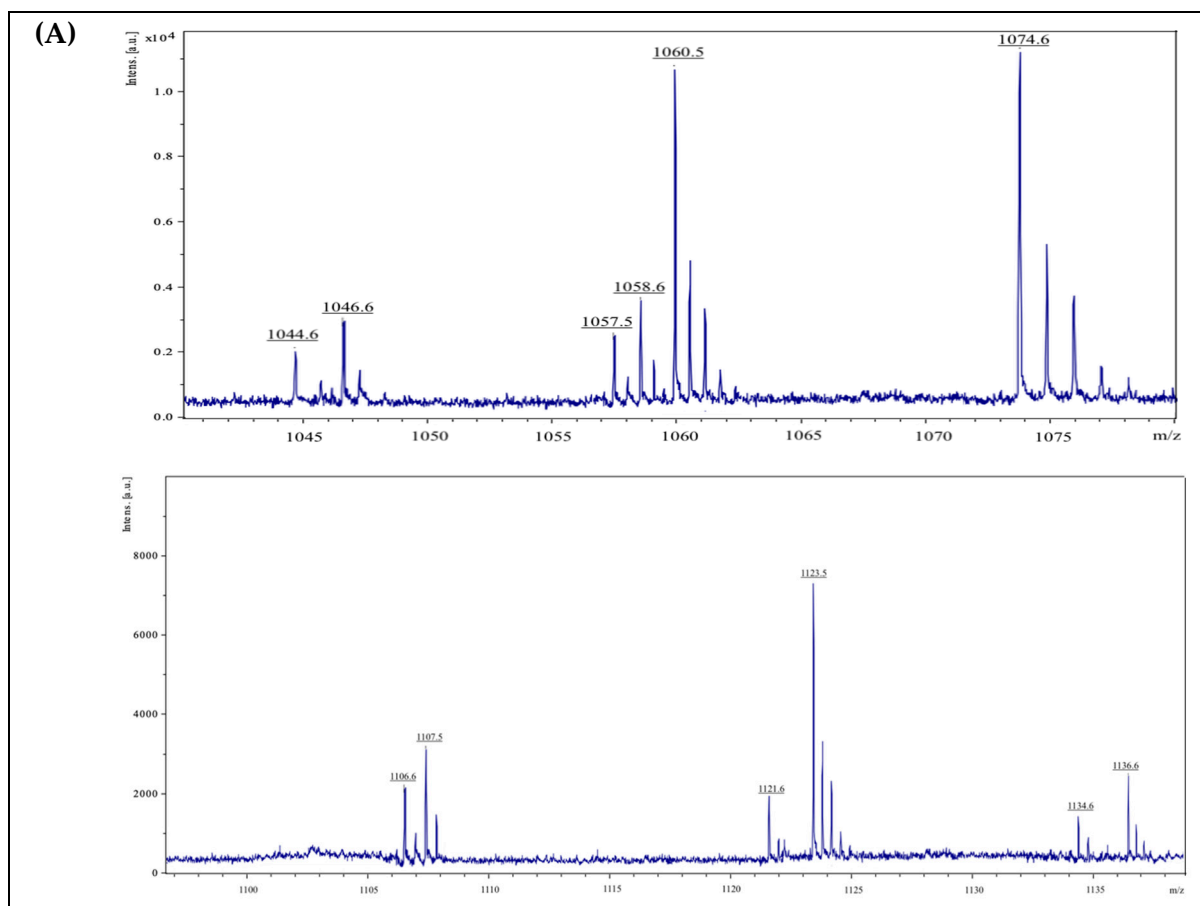


Figure S3. (A) The iturin, bacillomycin F, and surfactin mass peaks detected by MALDI-TOF mass spectrometry in A) control cell extract of KR2-7 and B) dual culture cell extract of KR2-7.

(B)

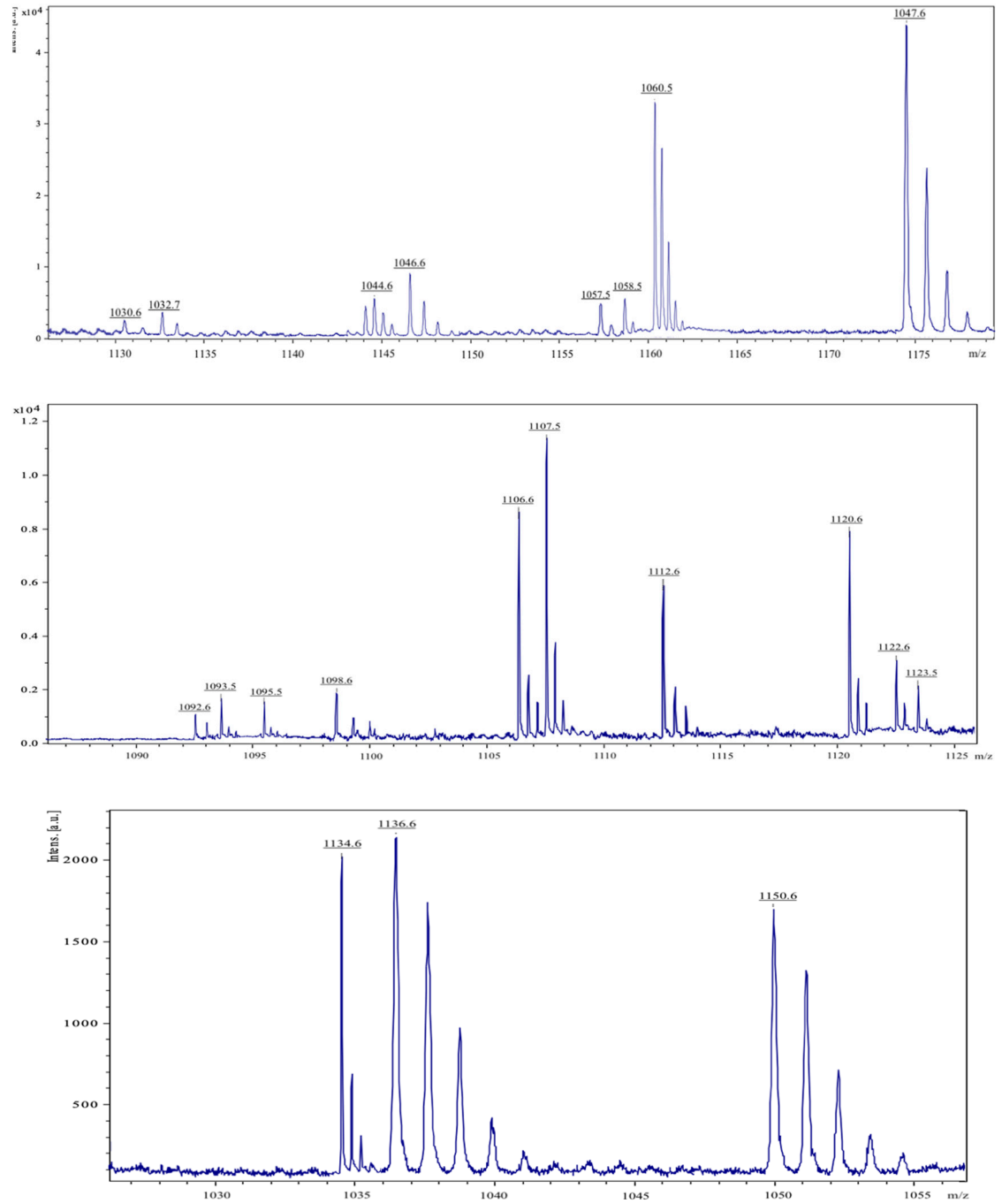


Figure S3. (B) The iturin, bacillomycin F, and surfactin mass peaks detected by MALDI-TOF mass spectrometry in A) control cell extract of KR2-7 and B) dual culture cell extract of KR2-7.