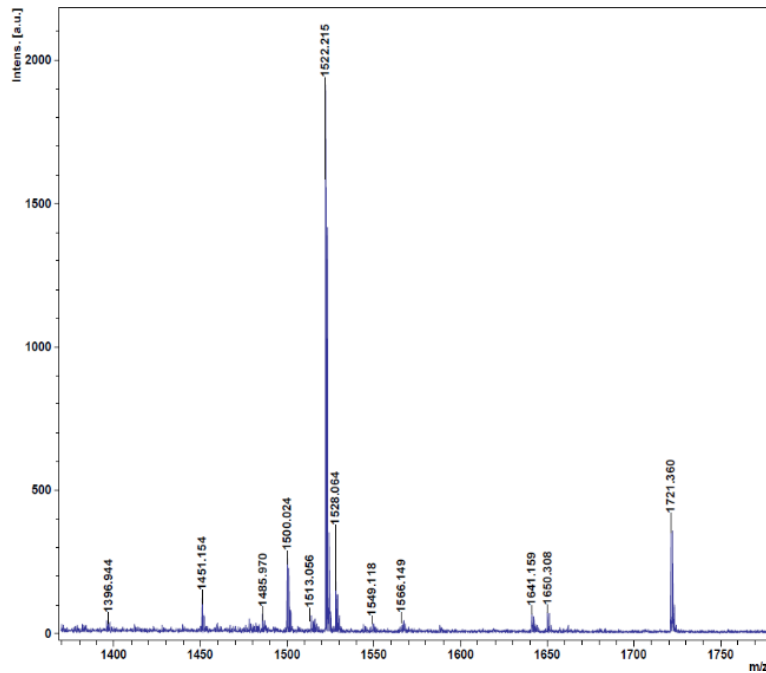


**Table S1.** A brief description of identified antagonistic bacteria isolated from rhizospheric soil

Strains	Source of isolation	Morphology	Closest strains by 16S rRNA (Accession no.)	Identity (%)	Accession no. obtained from NCBI gene bank
S1	Rhizospheric soil	Round, translucent, white	<i>Bacillus tequilensis</i> KCTCC 13622 (AYTO01000043)	99.86	MW024076
S2	Rhizospheric soil	Round, translucent, white	<i>Bacillus siamensis</i> KCTCC 13613 (AJVF01000043)	99.09	MW024077
S3	Rhizospheric soil	Round, translucent, white	<i>Bacillus siamensis</i> KCTCC 13613 (AJVF01000043)	99.86	MW024078
S4	Rhizospheric soil	Round, translucent, white	<i>Bacillus tequilensis</i> KCTCC 13622 (AYTO01000043)	99.93	MW024079
S5	Rhizospheric soil	Round, translucent, white	<i>Bacillus tequilensis</i> KCTCC 13622 (AYTO01000043)	99.93	MW024080
S6	Rhizospheric soil	Round, translucent, white	<i>Bacillus tequilensis</i> KCTCC 13622 (AYTO01000043)	99.93	MW024081
S7	Rhizospheric soil	Round, translucent, white	<i>Bacillus tequilensis</i> KCTCC 13622 (AYTO01000043)	99.93	MW024082
S8	Rhizospheric soil	Round, translucent, white	<i>Bacillus tequilensis</i> KCTCC 13622 (AYTO01000043)	99.93	MW024083
S9	Rhizospheric soil	Round, translucent, white	<i>Bacillus tequilensis</i> KCTCC 13622 (AYTO01000043)	99.44	MW024084
S10	Rhizospheric soil	Round, translucent, white	<i>Bacillus tequilensis</i> KCTCC 13622 (AYTO01000043)	99.72	MW024085



**Figure S1.** Mass spectra of lipopeptides obtained from S5 through MALDI-TOF mass spectrometry analysis.