

**Table S1.** The meanings of acronyms appearing in this article.

Acronyms	Meanings
Pcc	<i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i>
POEO	<i>Polygonum orientale</i> L. essential oil
MIC	minimum inhibitory concentration
GC-MS	gas chromatography-mass spectrometer
PK	pyruvate kinase
SDH	succinate dehydrogenase
EOs	essential oils
ATPase	adenosine triphosphatase
RSM	response surface methodology
BBD	Box-Behnken design
ANOVA	analysis of variance
TEM	transmission electron microscope
OD	optical density
AKP	alkaline phosphatase
PI	propidium iodide
MP	membrane potential
ONPG	<i>o</i> -nitrophenyl- $\beta,D$ -galactopyranoside
OPN	<i>o</i> -nitrophenol
ADP	adenosine diphosphate
ATP	adenosine triphosphate
TCA	tricarboxylic acid