

Supplementary materials



Figure S1 Colony characteristics of the strain *Burkholderia anthina* HN-8 on LB.

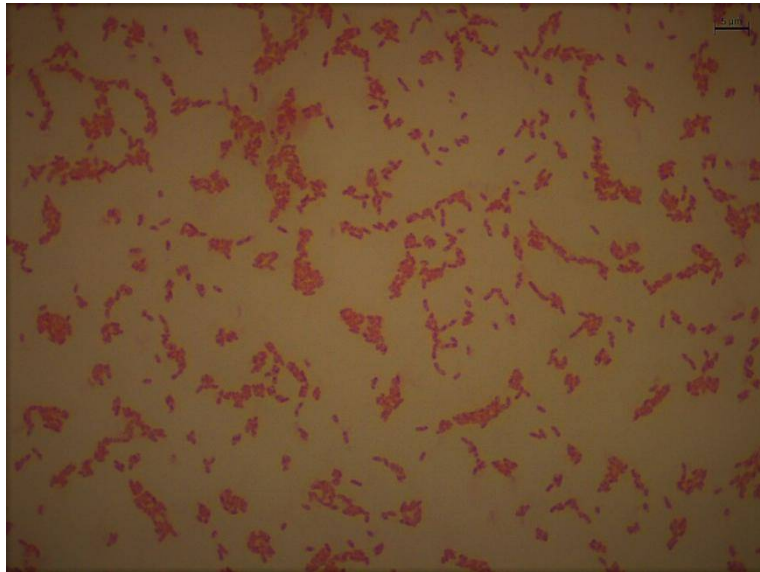


Figure S2 Morphological characteristics of *Burkholderia anthina* HN-8 under an electron microscope.

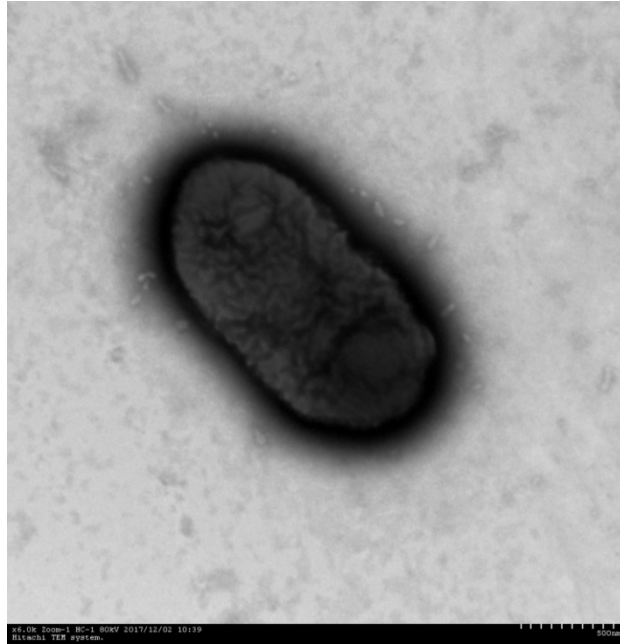


Figure S3. Morphological characteristics of *Burkholderia anthina* HN-8 under Hitachi TEM System (6000 $\times$).

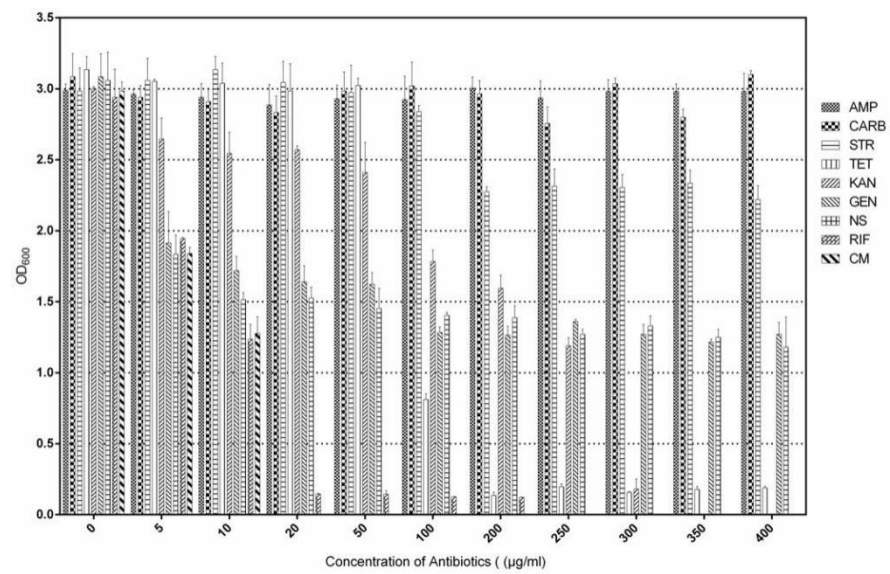
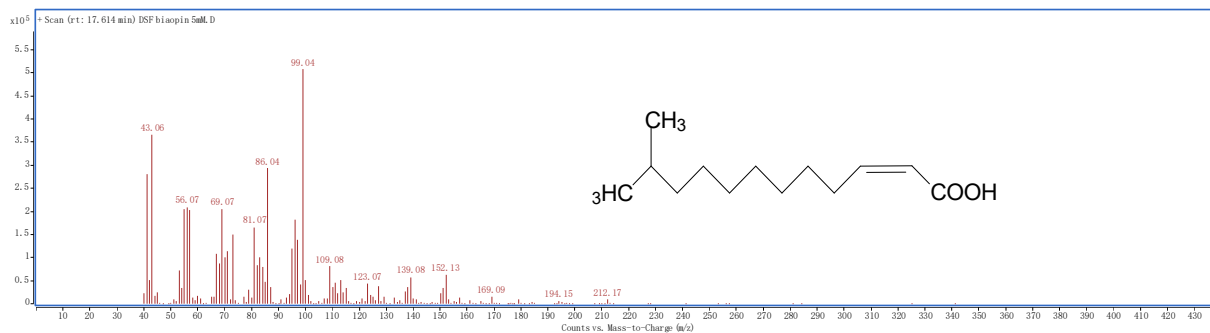


Figure S4. Antibiotic sensitivity of the *Burkholderia anthina* HN-8.

a



b



Figure S5. Mass spectra and proposed structures of the detected degradation products appearing under gas chromatography–mass spectrometry (GC–MS). (a) DSF; (b) dodecanal.