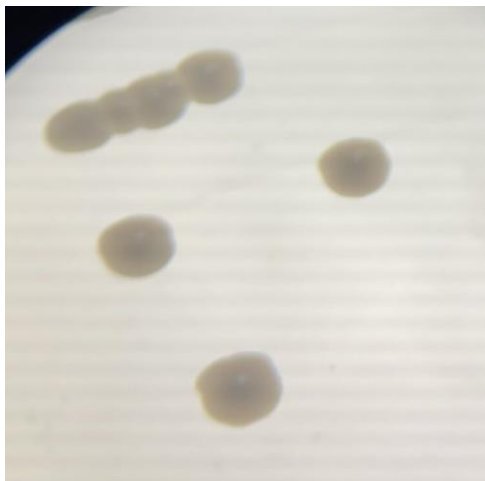
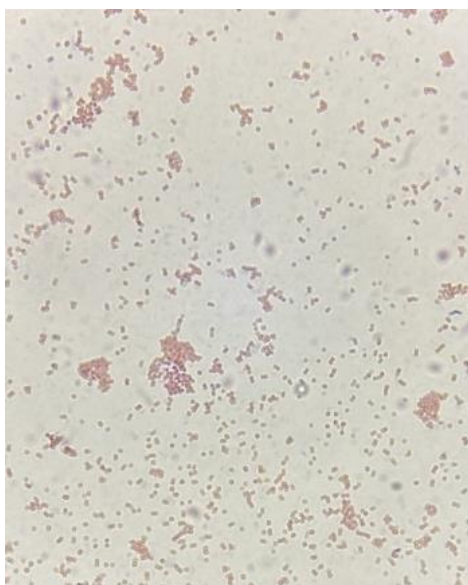


Supplementary information

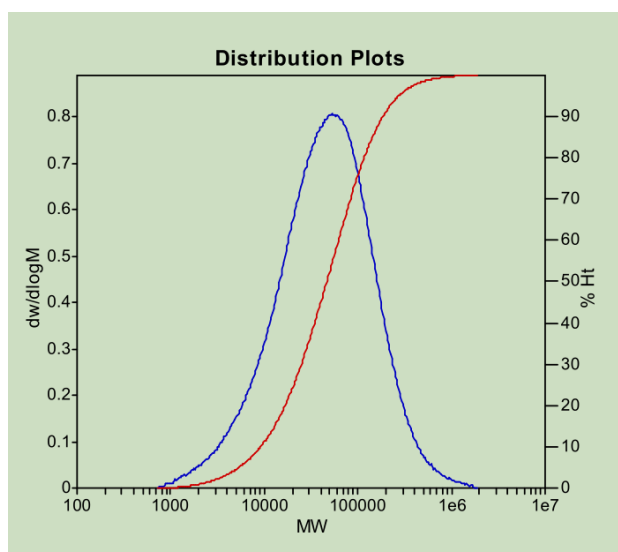


(A)

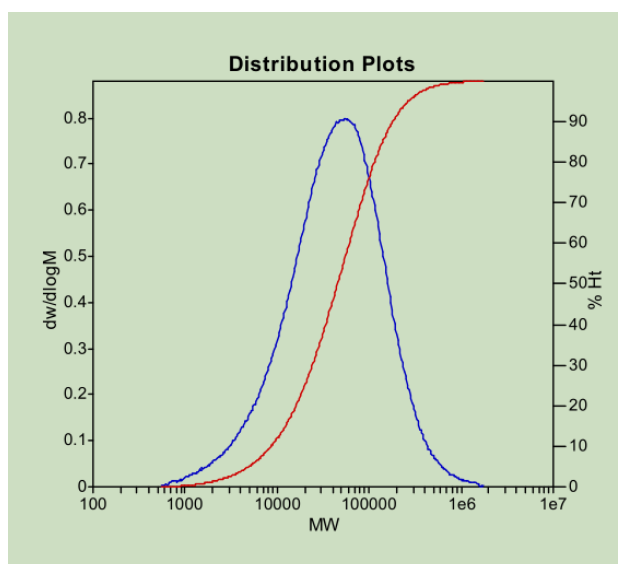


(B)

Figure S1. Colony morphology of *Acinetobacter Baumannii* Rd-H2 in the medium(A) and Gram staining results of *Acinetobacter Baumannii* Rd-H2 under microscope(B).

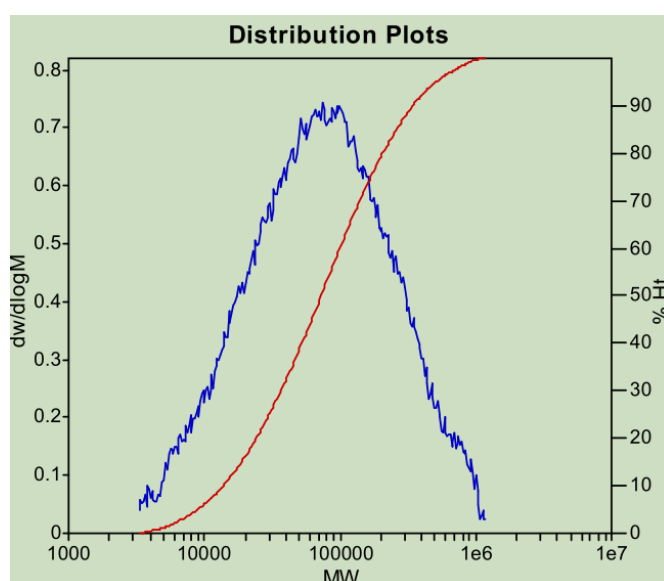


(A)

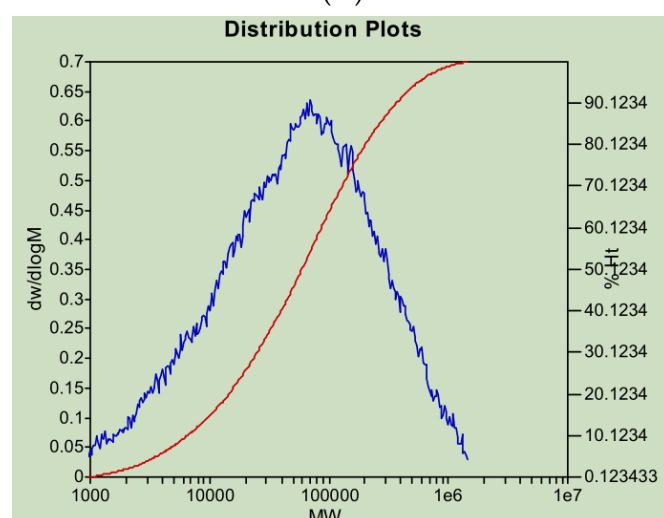


(B)

Figure S2. GPC analysis of the PE treated by the LCFBM medium incubated without (A) or with (B) strain Rd-H2 for 30 days.



(A)



(B)

Figure S3. GPC analysis of the PE treated without (A) or with (B) AbMCO for 10h.

The sequence of the sequencing result of the pET-28a-AbMco:

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