



Title	Isolation of poly[d-lactate (LA)-co-3-hydroxybutyrate]-degrading bacteria from soil and characterization of D-LA homo-oligomer degradation by the isolated strains
Author(s)	Hori, Chiaki; Sugiyama, Tomohiro; Watanabe, Kodai; Sun, Jian; Kamada, Yuu; Ooi, Toshihiko; Isono, Takuya; Satoh, Toshifumi; Sato, Shin-ichiro; Taguchi, Seiichi; Matsumoto, Ken'ichiro
Citation	Polymer Degradation and Stability, 179, 109231 https://doi.org/10.1016/j.polymdegradstab.2020.109231
Issue Date	2020-09
Doc URL	http://hdl.handle.net/2115/85425
Rights	© <2020>. This manuscript version is made available under the CC-BY-NC-ND 4.0 license http://creativecommons.org/licenses/by-nc-nd/4.0/
Rights(URL)	http://creativecommons.org/licenses/by-nc-nd/4.0/
Type	article (author version)
Additional Information	There are other files related to this item in HUSCAP. Check the above URL.
File Information	Supporting information.pdf



[Instructions for use](#)

Supporting information

to

**Isolation of poly[D-lactate (LA)-*co*-3-hydroxybutyrate]-degrading bacteria from soil
and characterization of D-LA homo-oligomer degradation by the isolated strains**

Chiaki Hori, Tomohiro Sugiyama, Kodai Watanabe, Jian Sun, Yuu Kamada, Toshihiko Ooi,

Takuya Isono, Toshifumi Satoh, Shin-ichiro Sato, Seiichi Taguchi,

and Ken'ichiro Matsumoto*

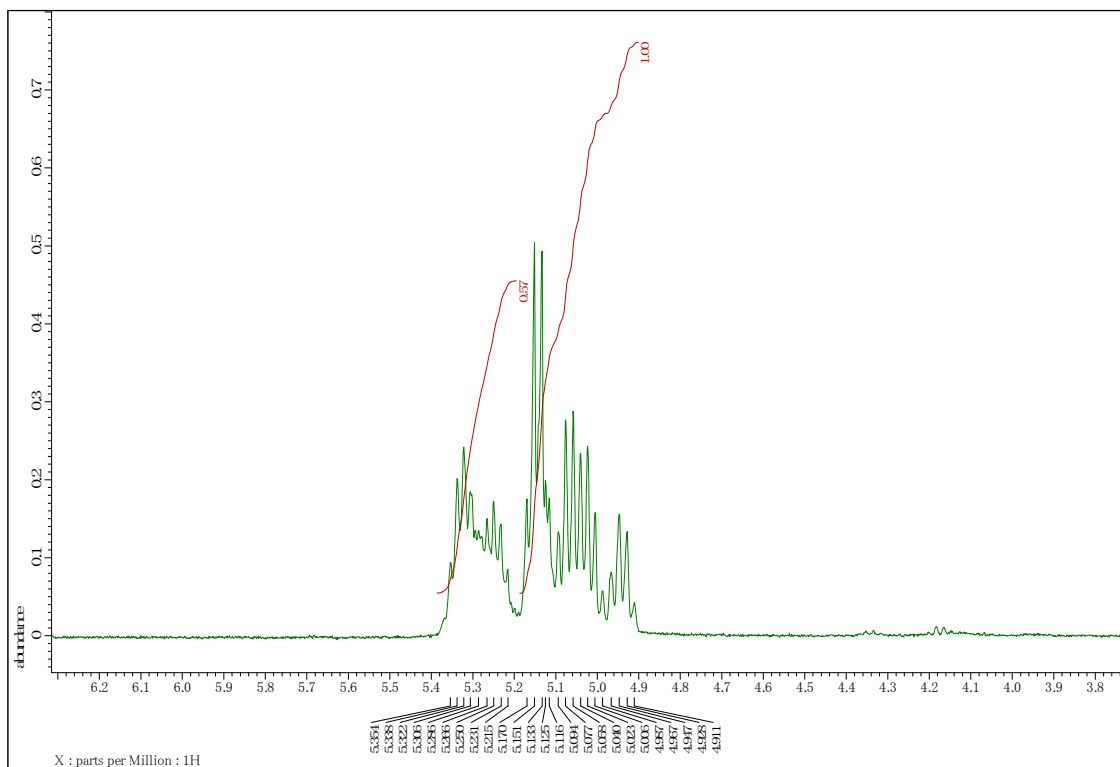


Fig. S1. Magnified image of the ^1H NMR spectrum of P(64 mol% D-LA-co-3HB) in this study.

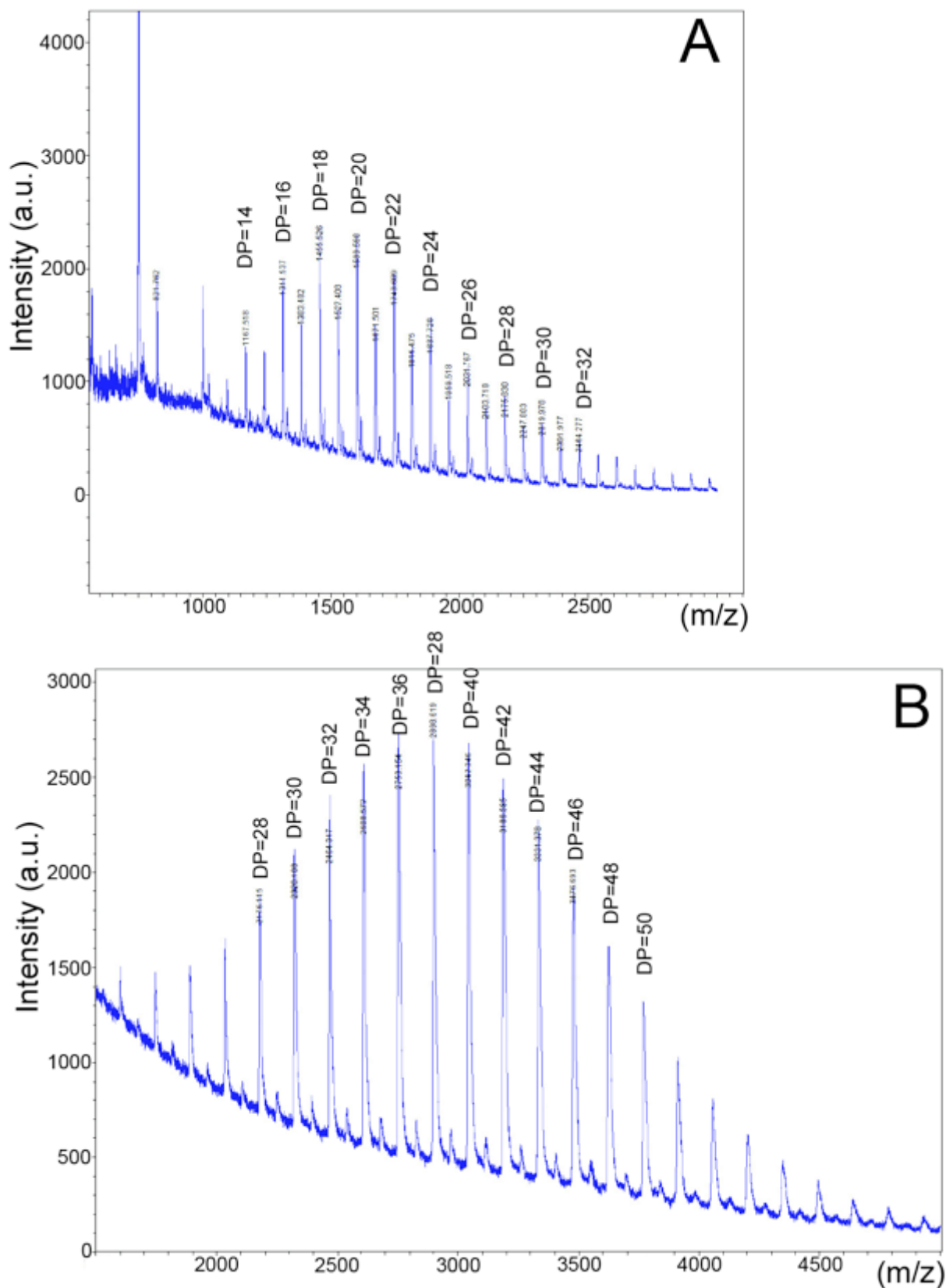


Fig. S2. Molecular weight distributions of DLA20 (A) and DLA40 (B) measured using

MALDI-TOF-MS.