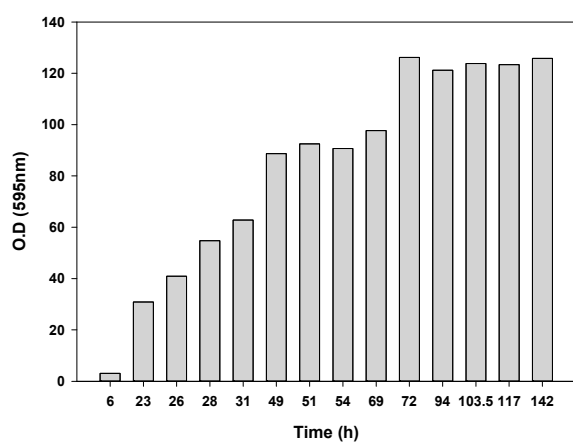


## Evaluation of blended Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) properties containing various 3HHx monomers

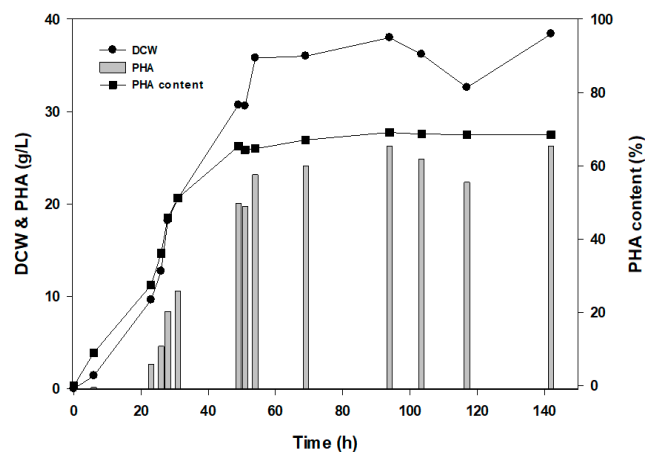
### Supplementary Information

#### Supplementary Figure S1

(a)



(b)



**Figure S1. 3 L scale fermentation to produce the homopolymer P(3HB).** (a) optical density (595 nm) according to fermentation time. (b) DCW and PHA content according to fermentation time.

## Supplementary Figure S2

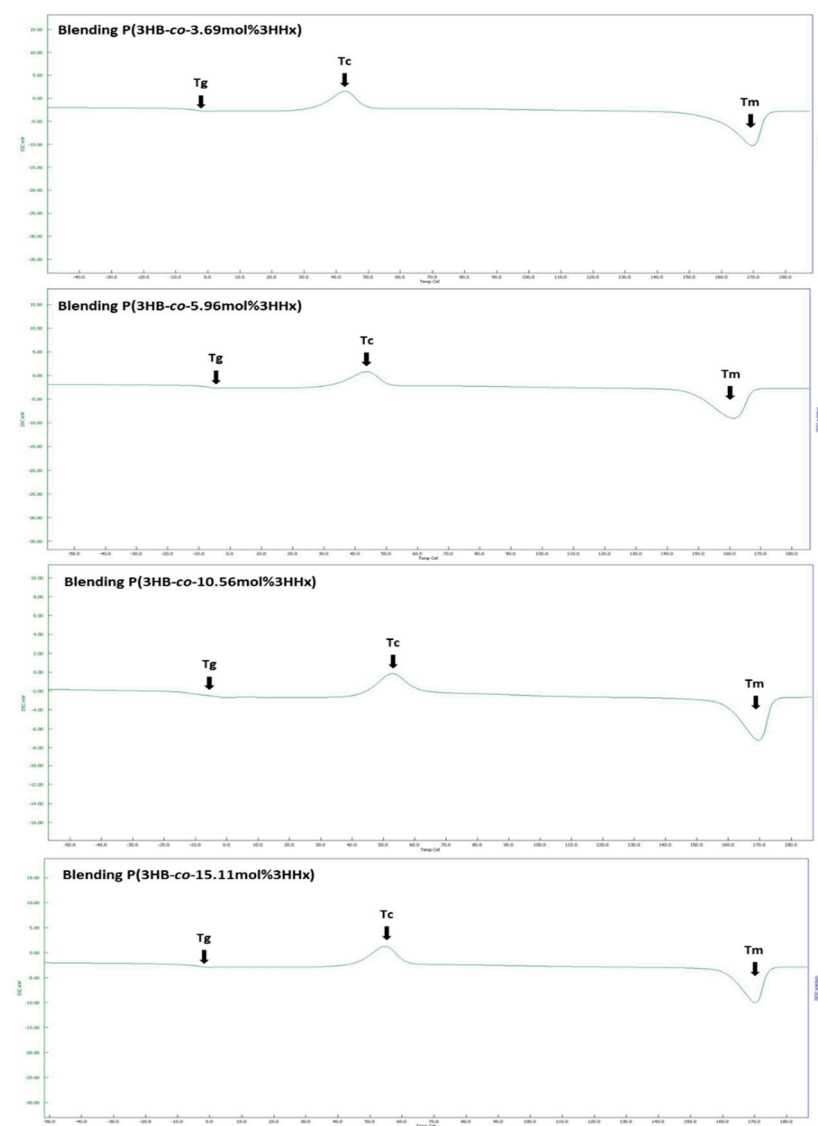
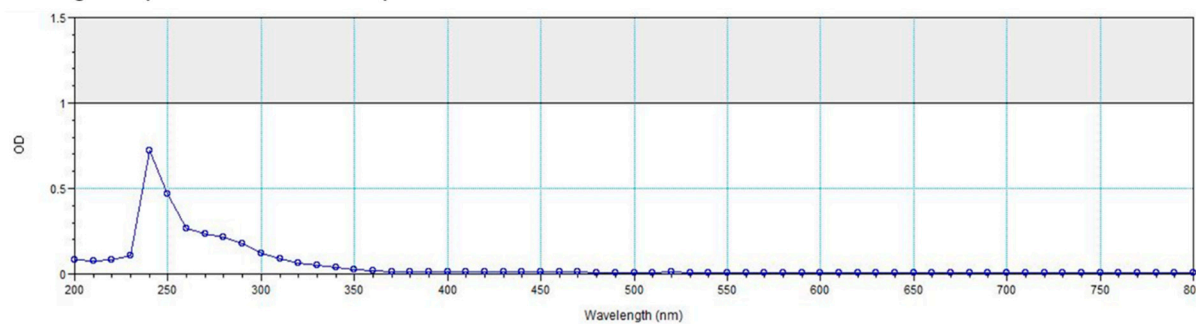


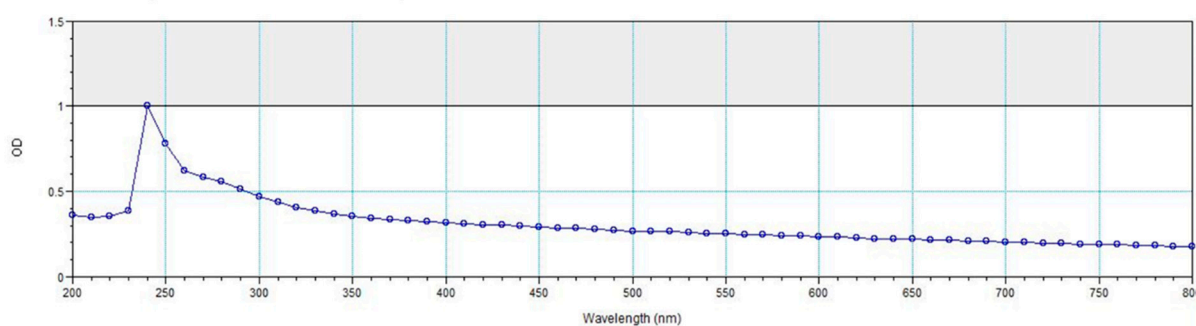
Figure S2. DSC analysis for blended P(3HB-co-3HHx) containing various 3HHx contents.

## Supplementary Figure S3

### 1. Original P(3HB-co-4.8mol%3HHx)



### 2. Blended P(3HB-co-5.96mol%3HHx)



**Figure S3. UV-Vis spectra analysis.** Original P(3HB-co-4.8 mol%3HHx) and blended P(3HB-co-5.96 mol%3HHx).