

## Supplementary Materials

# Employing Spent Frying Oil as a Feedstock to Produce Short-Chain Organic Acids using Mixed Microbial Cultures

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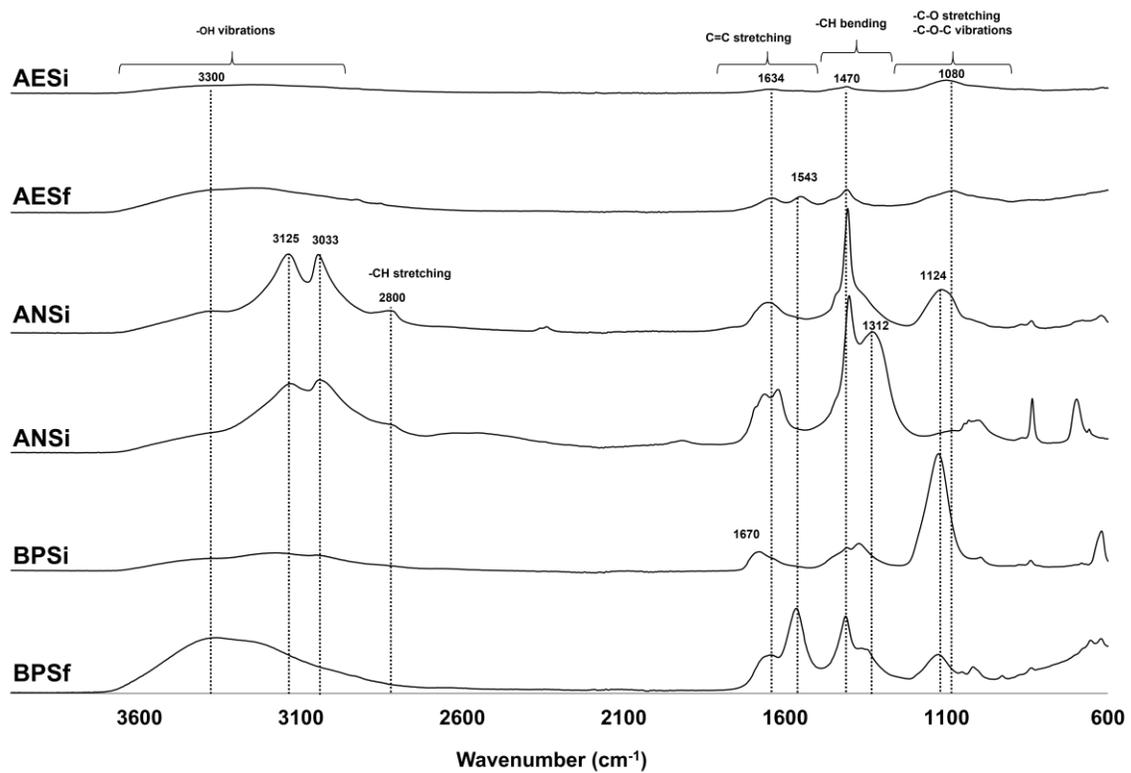
### Figure captions:

Figure S1. FTIR spectra of initial and final sample of experiment 1:1 F/M ratio of acidogenic fermentation of oleic acid.

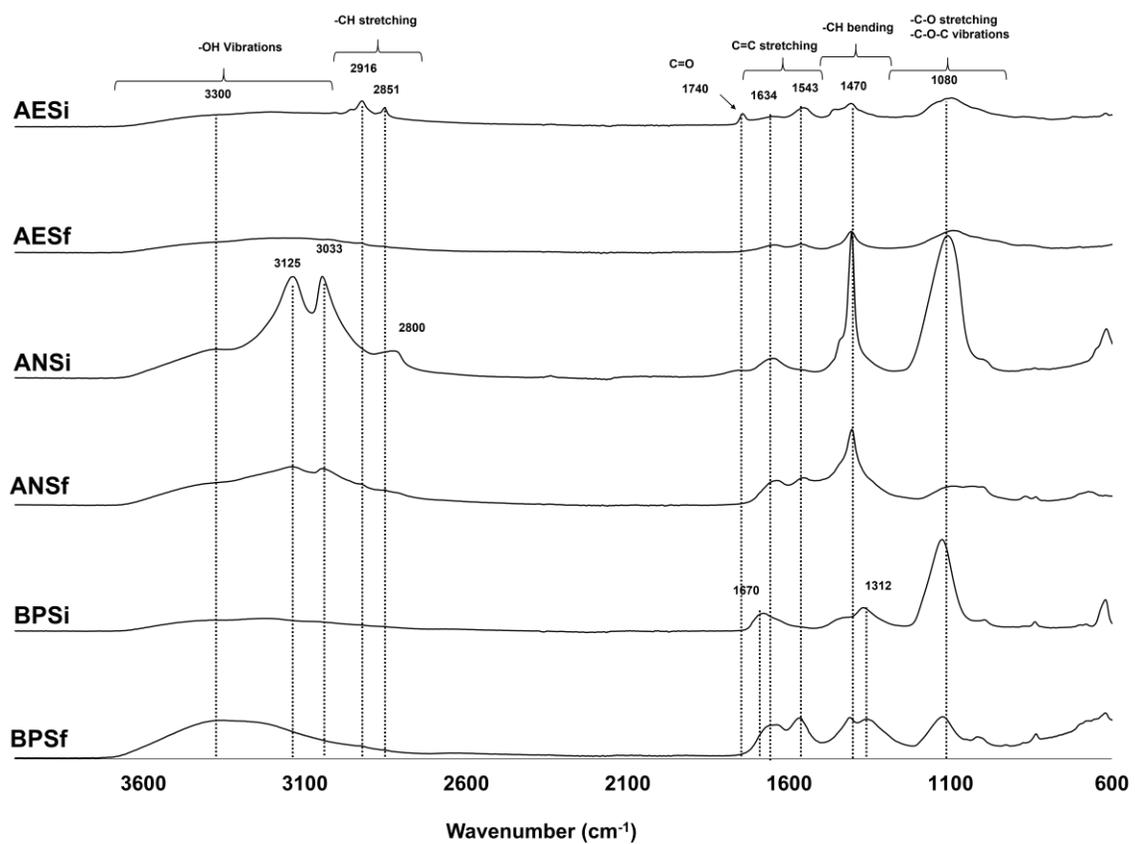
Figure S2. FTIR spectra of initial and final sample of experiment 1:1 F/M ratio of acidogenic fermentation of SFO.

Figure S3. FTIR spectra of initial and final sample of experiment 2:1 F/M ratio of acidogenic fermentation of SFO.

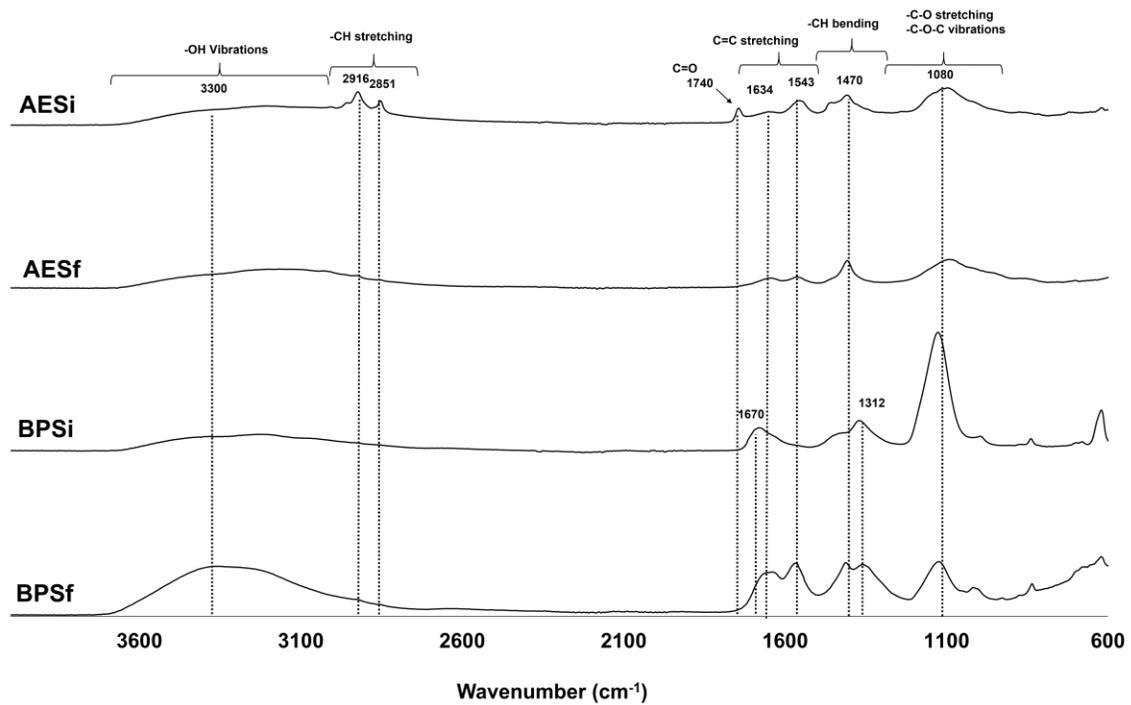
Figure S4. FTIR spectra of initial and final sample of experiment 1:2 F/M ratio of acidogenic fermentation of SFO.



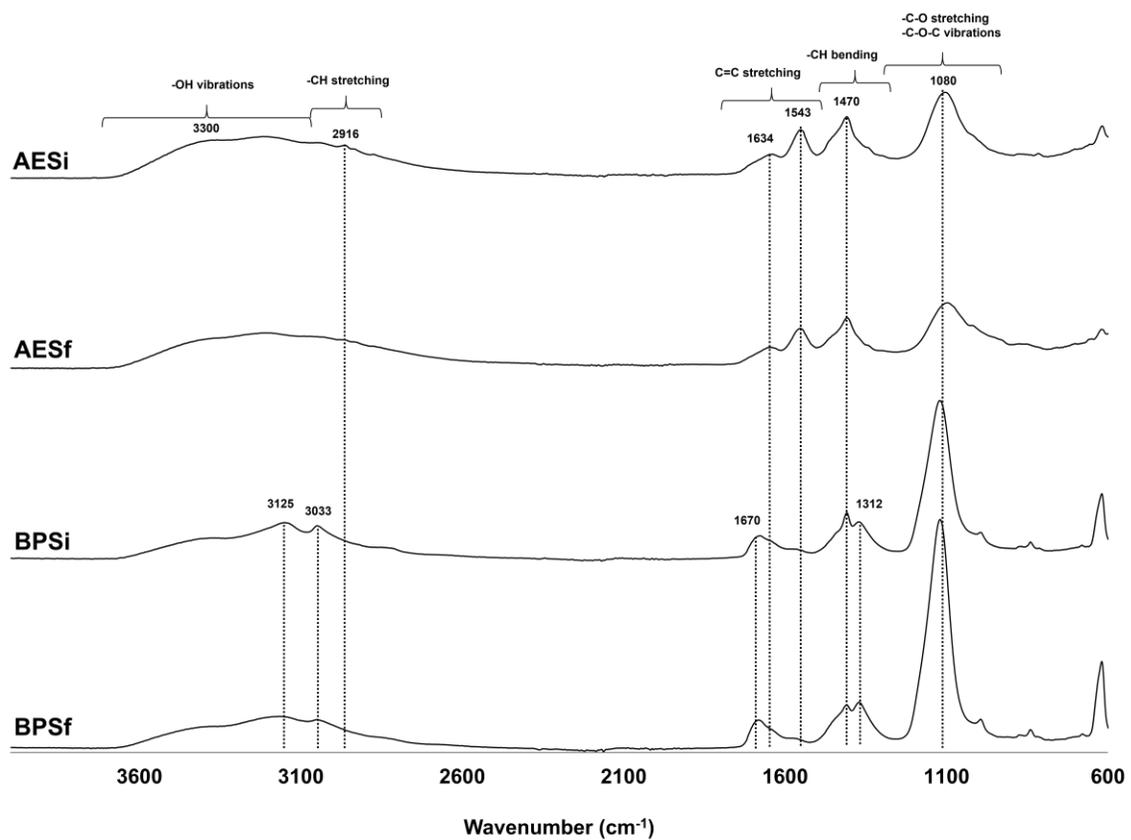
**Figure S1.** FTIR spectra of initial and final sample of experiment 1:1 F/M ratio of acidogenic fermentation of oleic acid.



**Figure S2.** FTIR spectra of initial and final sample of experiment 1:1 F/M ratio of acidogenic fermentation of SFO.



**Figure S3.** FTIR spectra of initial and final sample of experiment 2:1 F/M ratio of acidogenic fermentation of SFO.



**Figure S4.** FTIR spectra of initial and final sample of experiment 1:2 F/M ratio of acidogenic fermentation of SFO.