



**Supplementary Fig. S1.** Effect of different LA amounts on the recombination efficiency (a) and binding rate (b) of corn starch-linoleic acid complex under ambient pressure (0.1 MPa) and high pressure (400 MPa/10 min)

Note:

\* indicates a significant difference ( $p < 0.05$ );

Uppercase letters indicate a significant difference ( $p < 0.05$ ) in the amount of linoleic acid added under atmospheric pressure conditions on the recombination efficiency and binding rate;

Lowercase letters indicate a significant difference ( $p < 0.05$ ) in the amount of linoleic acid added under high pressure conditions on the recombination efficiency and binding rate of the complexes.