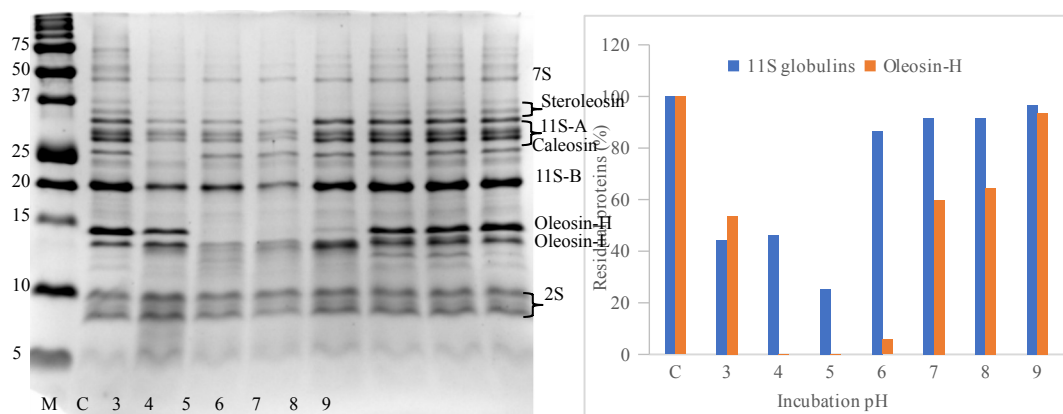


Figure captions

Fig. 1. (a) Tricine–SDS–PAGE profiles of pH 7-OB suspension incubated at pH 3–9 and 50 °C for 2 h. (b) Residual 11S globulins and oleosin-H (%) in pH 7-OB suspension incubated at pH 3–9 and 50 °C for 2 h. (c) Tricine–SDS–PAGE profiles of pH 7-OB suspension incubated at 30–80 °C and pH 5 for 1 h. (d) Residual 11S globulins (%) in pH 7-OB suspension incubated at 30–80 °C and pH 5 for 1 h. M, marker; C, original pH 7-OB; 7S, 7S globulins; 11S-A, acidic polypeptides of 11S globulins; 11S-B, basic polypeptides of 11S globulins; 2S, 2S albumins.

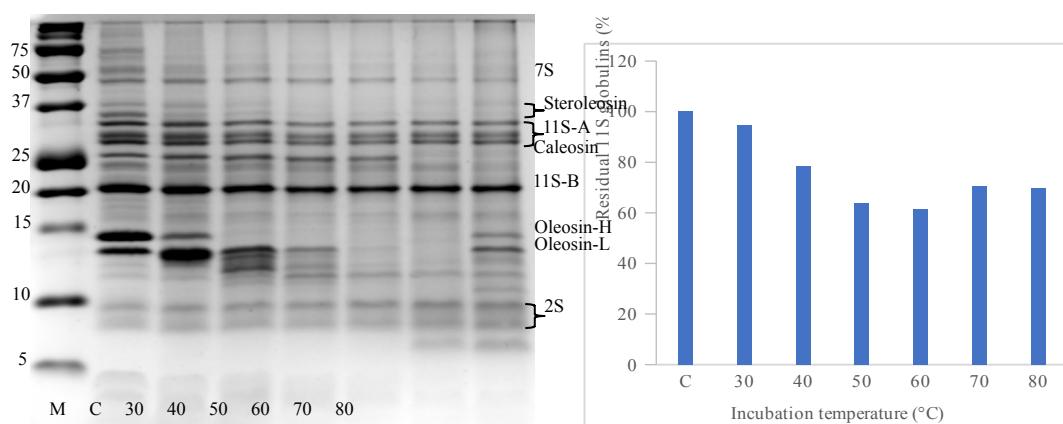
Fig. 2. Effects of 2 μ M pepstatin A (b, e) and 0.5 mM AEBSF (c, f) on proteolytic activity in pH 7-OB (a, b, c) and pH 9.5-OB (d, e, f) suspensions. pH 7-OB suspension was incubated at pH 3–9 and 50 °C for 1 h. pH 9.5-OB suspension was incubated at pH 3–9 and 50 °C for 2 h.

Fig. 3. (a) Effects of incubation temperature on the demulsification of pH 7-OB. The incubation was conducted at pH 5 for 2 h. (b) Effects of incubation time on the demulsification of pH 7-OB. The incubation was conducted at pH 5 and 60 °C.



(a)

(b)



(c)

(d)

Fig. 1.

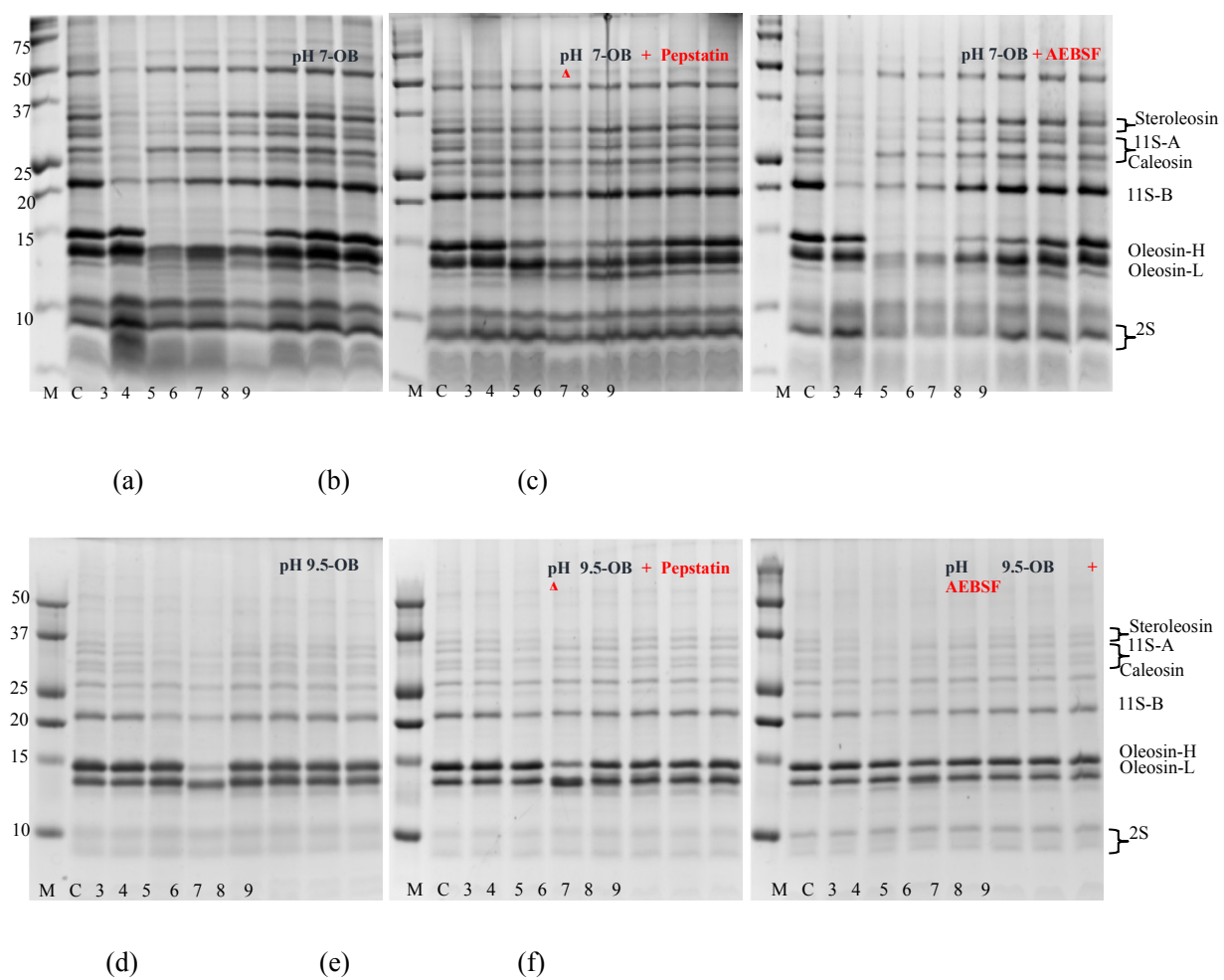
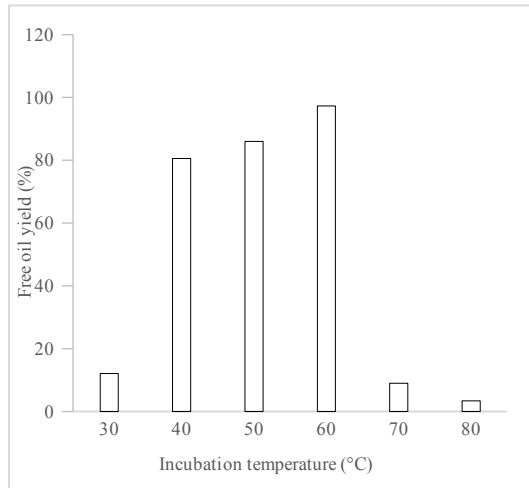
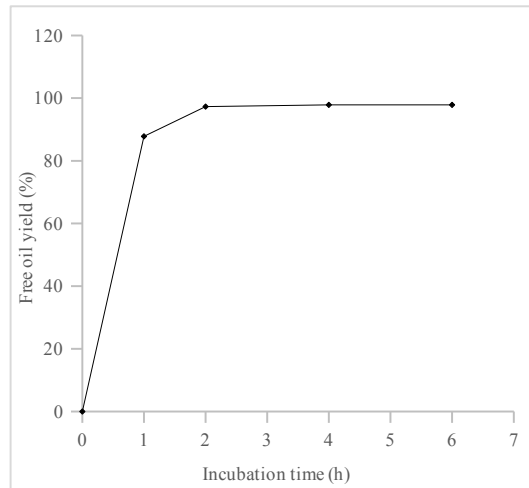


Fig. 2.



(a)



(b)

Fig. 3.