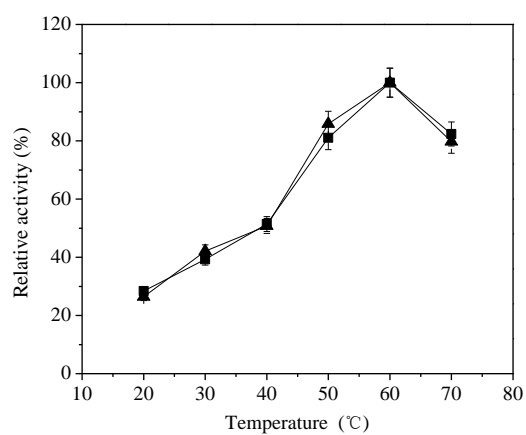


## TABLE

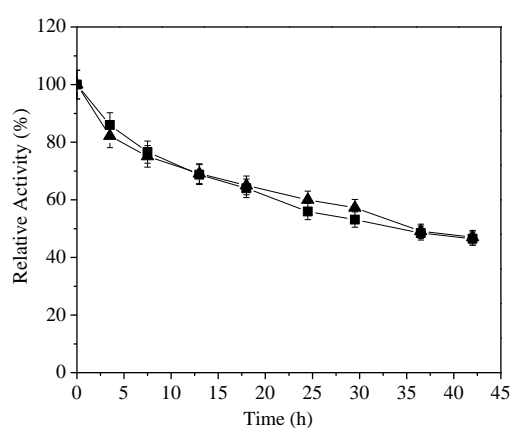
Table S1 Oligonucleotide primers for the construction process.

Name	Primers 5'→3'
CUT-F	GTAATCCATATGGCCAACCCCTACGAGCGC (NdeI underlined)
CUT-R	CATCTCGAGAGAATTCGGGAACGGGCAGGTGGAGCG (EcoRI underlined)
S130A-F	GGCGGTCATGGGCCACgCAATGGGCGGGCGGCGGC
S130A-R	GCCGCCGCCGCCATTGcGTGGCCCATGACCGCC

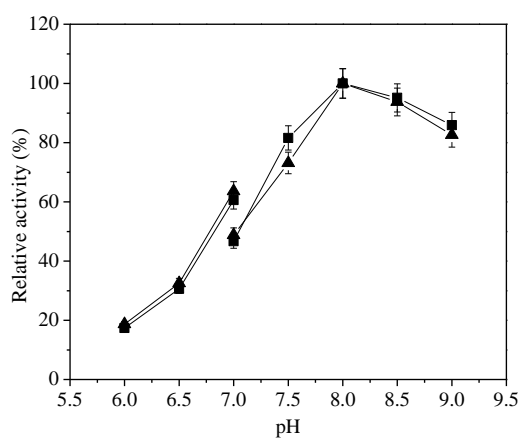
## FIGURES



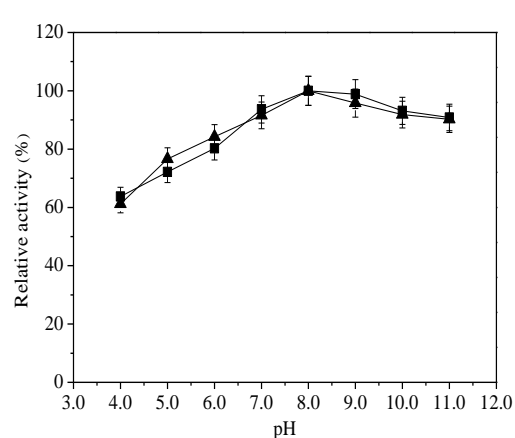
(A)



(B)



(C)



(D)

Figure S1. Effects of pH and temperature on activity and stability of cutinases. ▲, cutinase<sup>NS</sup>; ■, wild-type cutinase. (A) Temperature optimum; (B), Thermostability at 60 °C; (C), pH optimum; (D), pH stability.

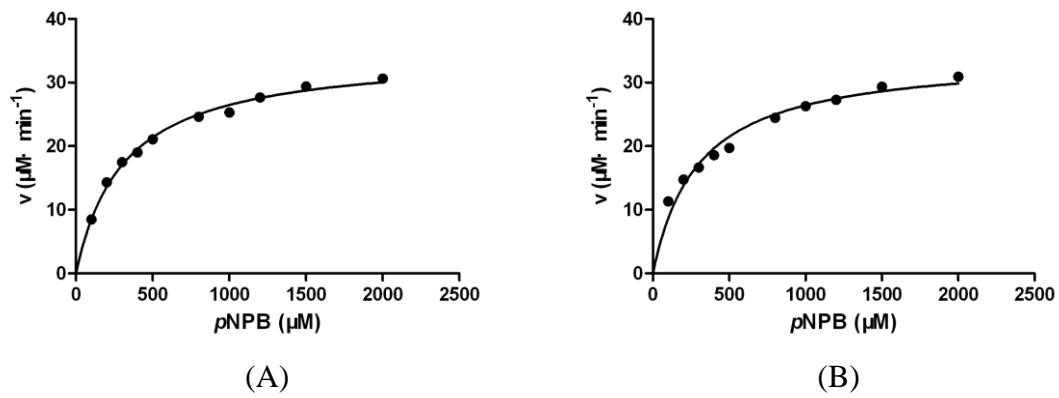


Figure S2. Michaelis-Menten curves of cutinases using  $p$ NPB as substrate. (A) cutinase<sup>NS</sup>; (B), wild-type cutinase.