

Supplementary Material

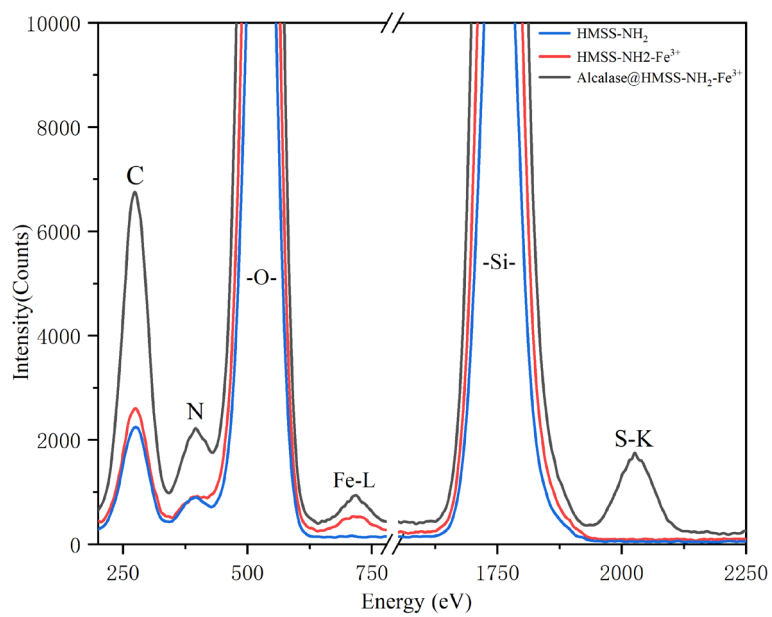


FIGURE S1. EDX spectra of HMSS-NH₂, HMSS-NH₂-Fe³⁺, Alcalase@HMSS-NH₂-Fe³⁺.

FIGURE S2. Confocal laser scanning microscopy (CLSM) images of FITC-labeled
alcalase@HMSS-NH₂-Fe³⁺.

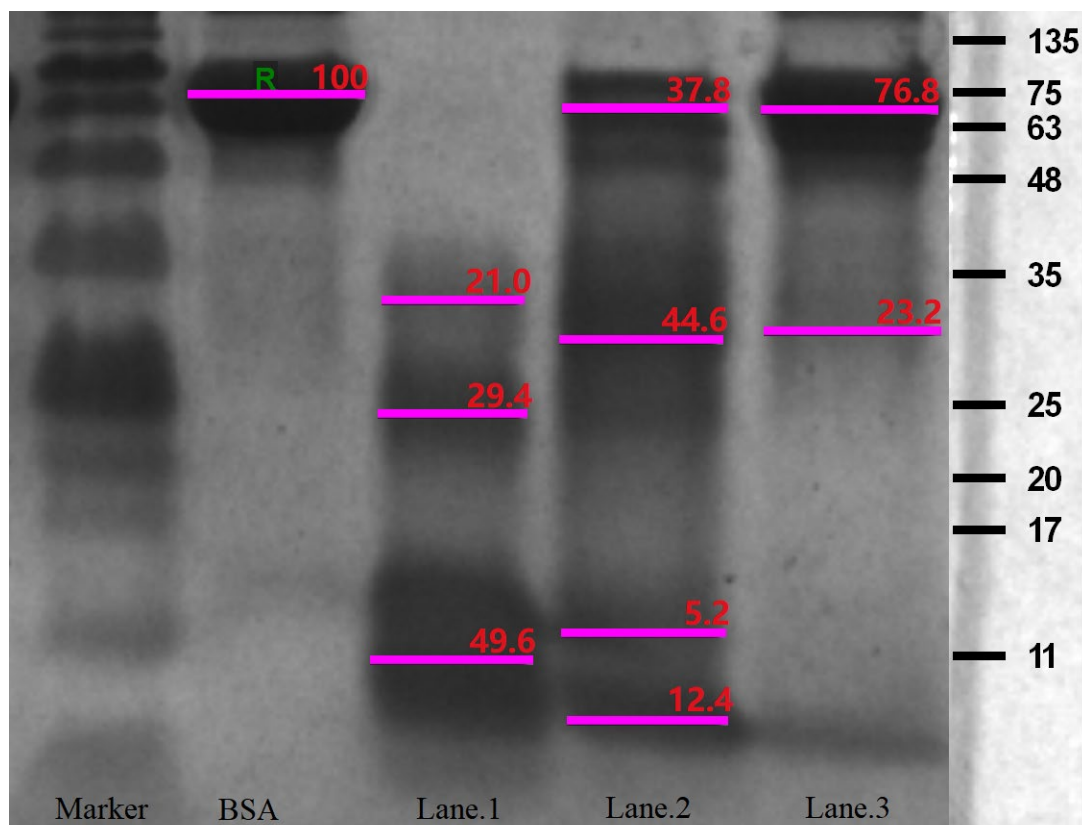


FIGURE S3. Molecular weight (MW) distribution of BSA hydrolysates produced by alcalase@HMSS-NH₂-Fe³⁺, alcalase@HMSS-NH₂ and free alcalase. Lane. 1: BSA hydrolysates with alcalase@HMSS-NH₂-Fe³⁺ at 40 °C for 15 min, Lane. 2: BSA hydrolysates with alcalase@HMSS-NH₂ at 40 °C for 15 min, Lane. 3: BSA hydrolysates with free alcalase at 40 °C for 15 min.