

Supporting information for:

Enzymatic activity inside DNA/peptide complex

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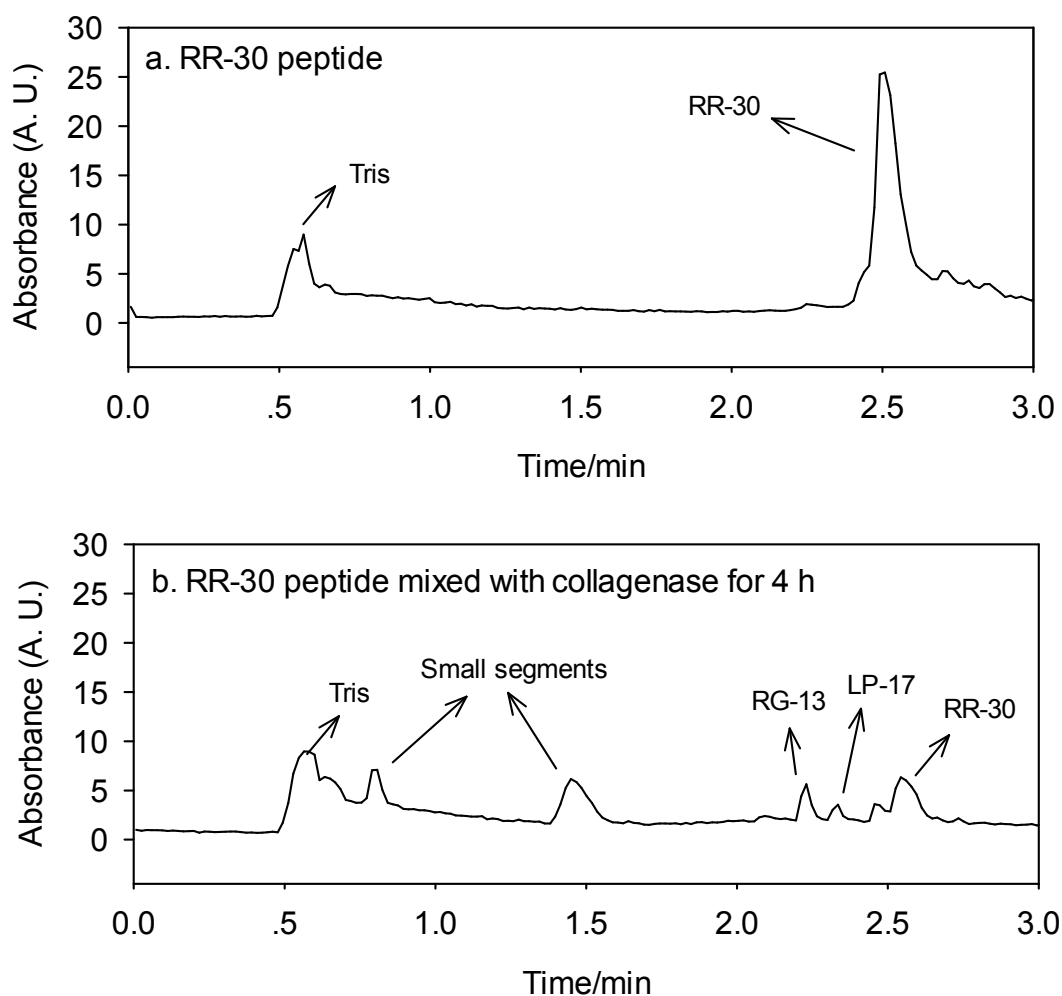


Figure S1. UPLC-ESIMS results of RR-30 peptide before and after the enzymatic reaction. The initial concentration of RR-30 was fixed at 1.0×10^{-4} g/mL (ten-fold of the concentration in the complex) to get enough signal. The concentration of collagenase was fixed at 1.0×10^{-5} g/mL. The enzymatic reaction was performed at 25 °C for 4 h. Residual RR-30 peptide could be observed after 4 h. Besides the expected products, some small peptide segments were also observed. These small segments were probably from the LP-17 peptide by the second-cleavage of collagenase.