

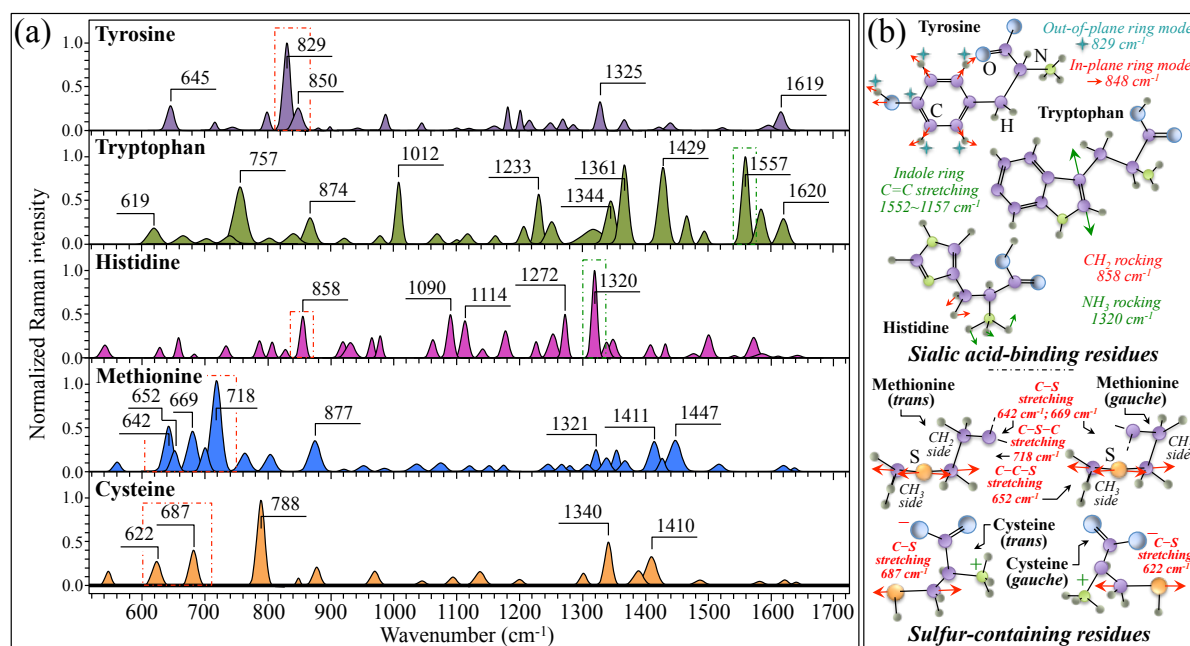


Figure S2: (a) Raman peak components of the five aminoacid molecules of interest in this paper (cf. labels in inset) as deconvoluted from spectra published in: G. Zhu, X. Zhu, Q. Fan, X. Wan, Raman spectra of amino acids and their aqueous solutions, *Spectrochim. Acta Part A*, 2011, **78**, 1187–1195. The labels in inset are in units of cm⁻¹; and, (b) schematic drafts of the structure and Raman vibrational fingerprints of the amino acids in (a) (arrows indicate vibrational modes for each molecule).