

Supporting Information

Gertz et al. 1073/pnas.0800691105

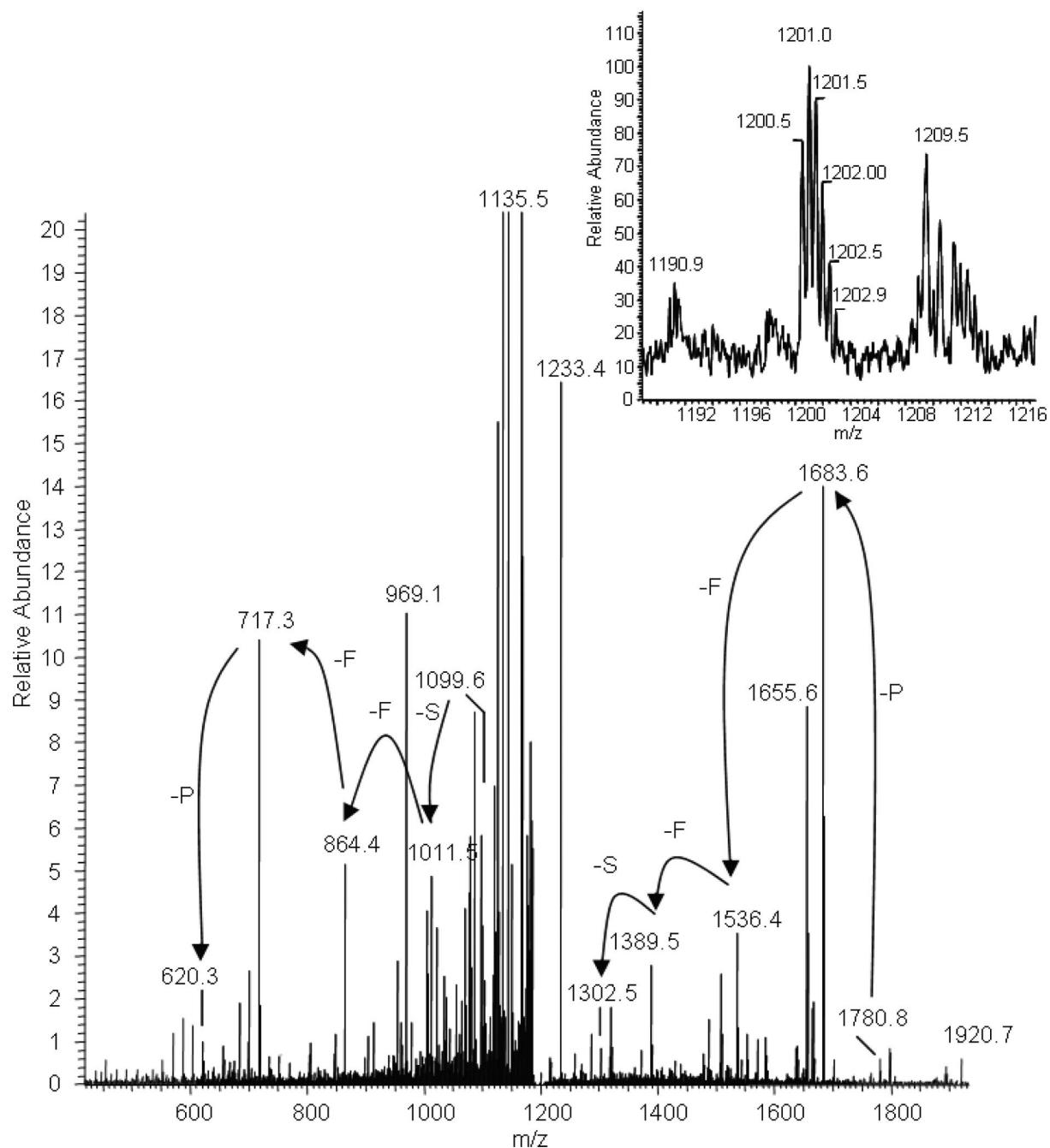


Fig. S1. MSMS spectrum and MS spectrum (Inset) of the disulfide bridged peptide $L_{68}NSMRPFFSC_{59}-S-S-C_{59} SFFPRMSNL_{68}$ with annotated y-ion series. Isotopic distribution of such peptide at $m/z = 1,200.5$ reveals doubly charged species.

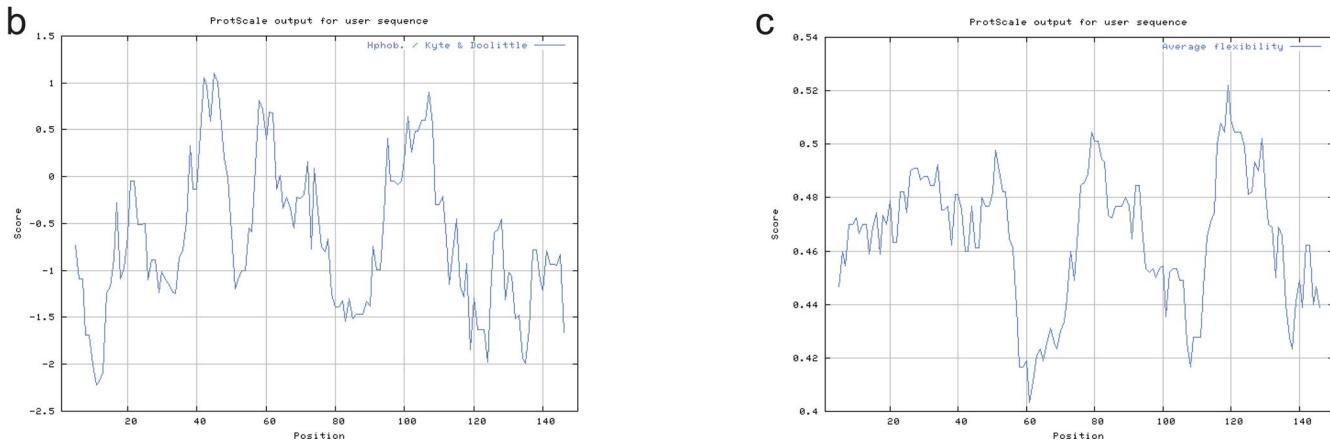


Fig. S2. Sequence analyses for p66CH2-CB using Jpred2 and Prot-Scale. (a) Secondary structure prediction for p66CH2-CB using the Jpred2 server (H: helix, E: extended). (b) Prediction of the hydrophobicity of p66CH2-CB using the scale of Kyte and Doolittle on the Prot-Scale server. (c) Prediction of the average flexibility of p66CH2-CB using the Prot-Scale server.