

Supplementary Materials

Figure S1. TOCSY spectrum of TrxR and GPX SECIS

The spectra were recorded at 30°C in D₂O.

40 ms mixing time, 600 MHz D₂O. Anomeric to 2'/3' region. A small number of strong resonances is consistent with only a few residues having a significant H1'-H2' coupling or narrow lines.

A. TrxR SECIS

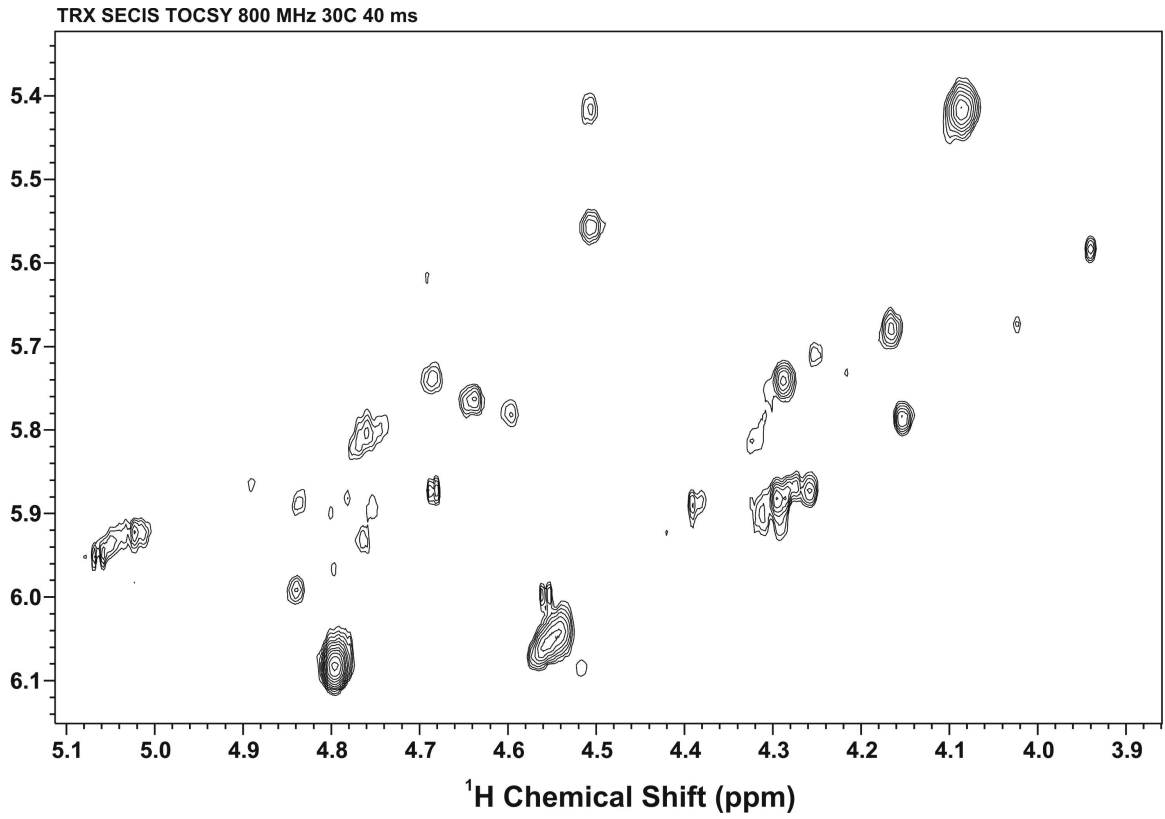
B. GPX SECIS

Figure S2. ³¹P NMR spectra

Spectra were recorded at 14.1 T on a Varian Inova spectrometer using a 5 mm switchable X pfg probe. Spectra were recorded with an acquisition time of 1.5 s, a relaxation delay of 3.5 sec with proton Waltz decoupling centered at 4.6 ppm during the acquisition, but not during the delay to reduce heating effects.

Figure S1

A.



B.

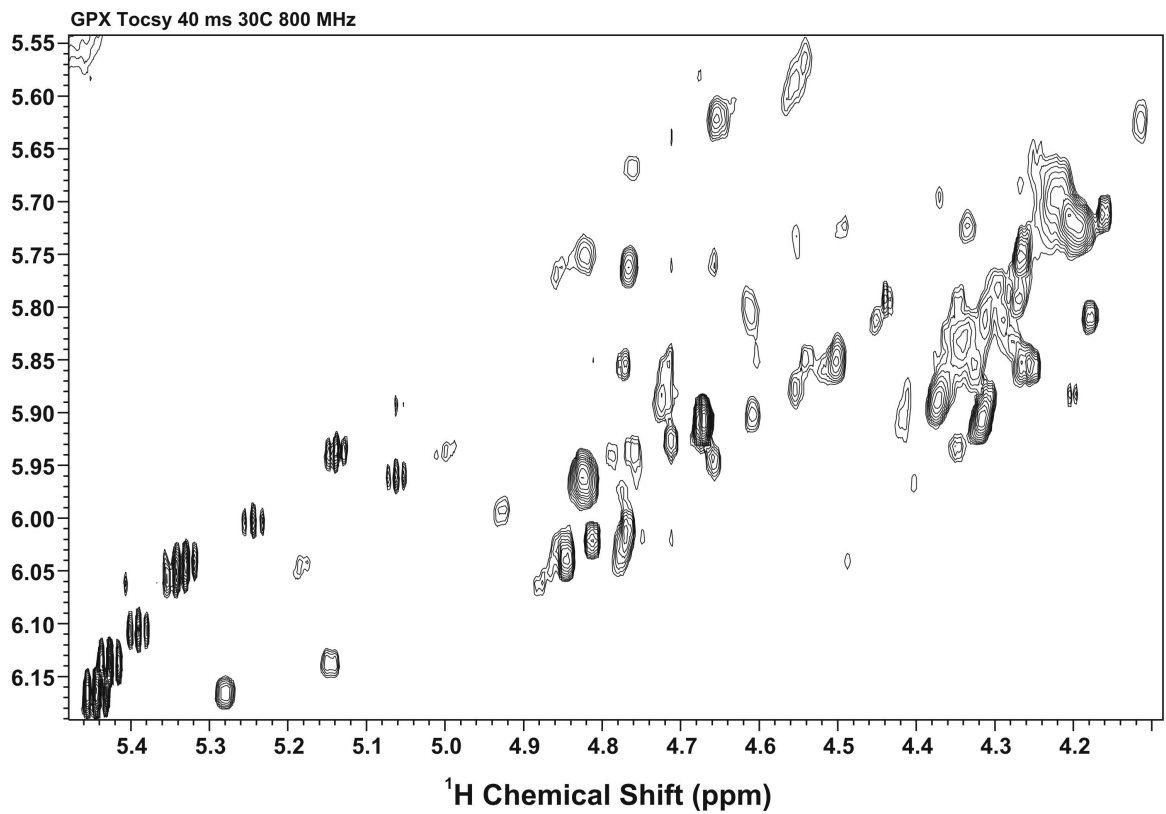


Figure S2

