

Supplemental Data

Table S1. Primers used for cloning and mutagenesis.

Primer Name	Primer Sequence
Fra2(Δ 1-35) FOR	5'-GACACTATCATATGCCCCGTTACTGAAC-3'
Fra2(Δ 1-35) REV	5'-GCTTGTCGACGGTACCCCTCATACCAC-3'
Fra2 C66S FOR	5'-GGATCTTTCGTACGGTTCTGGTCAGTCGTTTG-3'
Fra2 C66S REV	5'-CAAACGACTGACCAGAACCGTACGAAAGATCC-3'
Fra2 C107S FOR	5'-CATGCCTTTAGCAGCAAGTGCTACAC-3'
Fra2 C107S REV	5'-GTGTAGCACTTGCTGCTAAAGGCATG-3'
Fra2 C109S FOR	5'-GTGCTGCAAGAGCTACACTGAGG-3'
Fra2 C109S REV	5'-CCTCAGTGTAGCTCTTGCAGCAC-3'
Fra2 H56A FOR	5'-CCGCAAGTTTACGCTATCATTGTGACG-3'
Fra2 H56A REV	5'-CGTCACAATGATAGCGTAAACTTGCGG-3'
Fra2 H103A FOR	5'-GCTGCAGGAGATTGCTGCCTTTAGCTGC-3'
Fra2 H103A REV	5'-GCAGCTAAAGGCAGCAATCTCCTGCAGC-3'
Fra2 H103C FOR	5'-GCAGGAGATTTGTGCCTTTAGCTG-3'
Fra2 H103C REV	5'-CAGCTAAAGGCACAAATCTCCTGC-3'

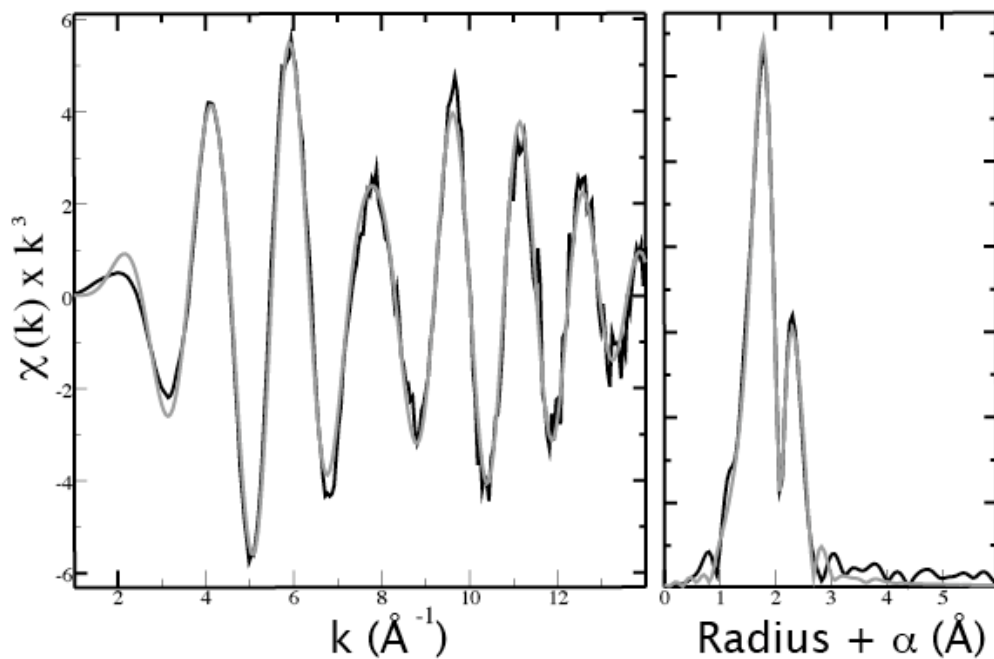


Figure S1. Best 4-shell fit to the Fra2(H103A)-Grx3 heterodimer. Fit details are found in Table 1, fit D. Gray line = fit, black line = unfiltered data.

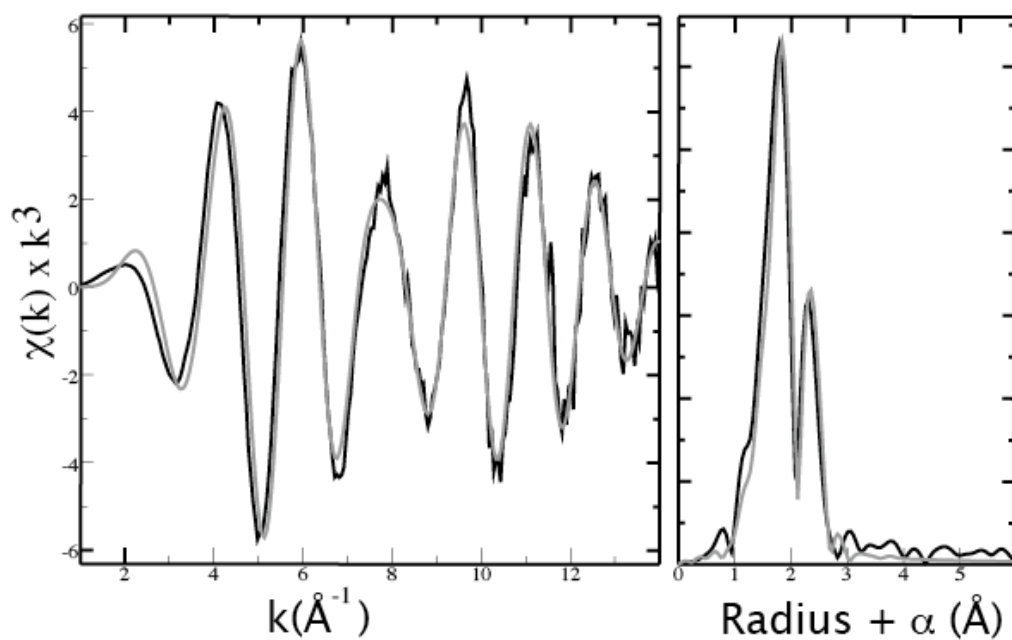


Figure S2. Best 2-shell fit to the Fra2(H103A)-Grx3 heterodimer. Fit details are found in Table 1, fit B. Gray line = fit, black line = unfiltered data.

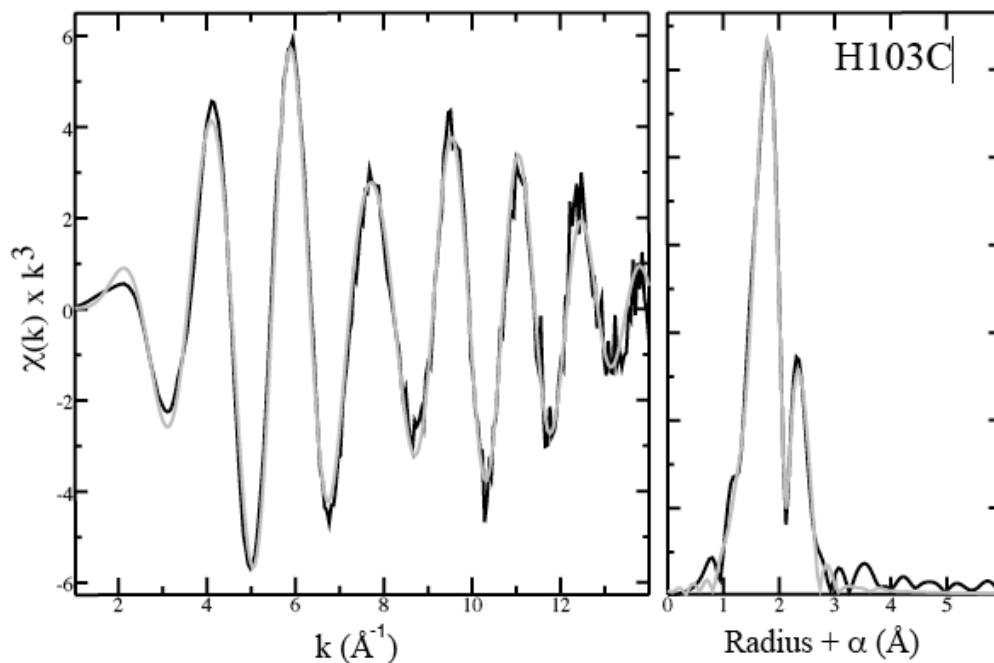


Figure S3. Best 4-shell fit to the Fra2(H103C)-Grx3 heterodimer. Fit details are found in Table 1, fit H. Gray line = fit, black line = unfiltered data.

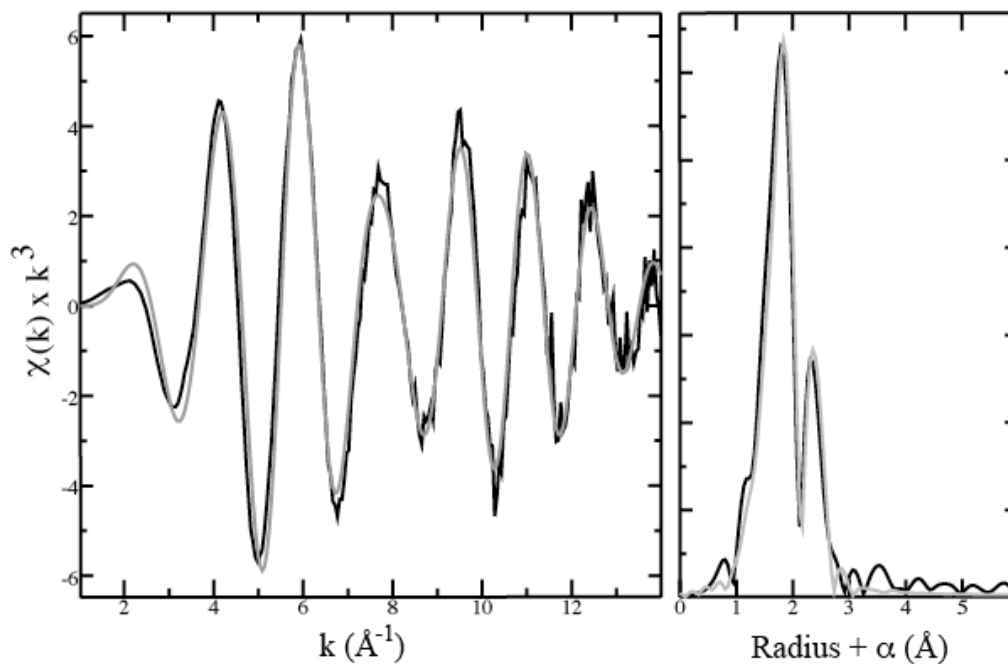


Figure S4. Best 2-shell fit to the Fra2(H103C)-Grx3 heterodimer. Fit details are found in Table 1, fit F. Gray line = fit, black line = unfiltered data.

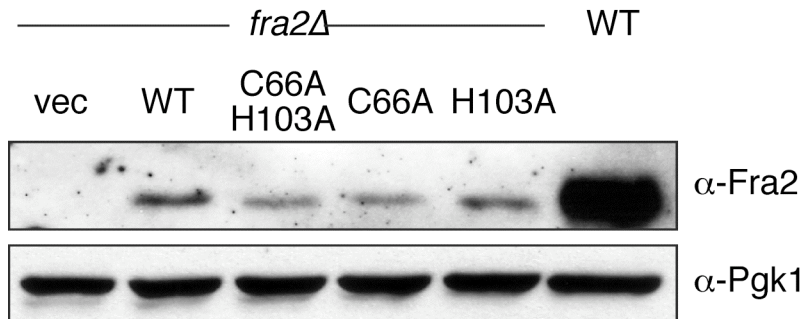


Figure S5. SDS-PAGE analysis of yeast strains used for the S1 nuclease protection assay (see Fig. 6) immunoblotted with α -Fra2 and α -Pgk1 (loading control) antibodies. Plasmid-encoded WT and mutant Fra2 is expressed at lower levels than the native genome-encoded Fra2, however plasmid-encoded WT Fra2 is able to fully complement Fe-dependent inhibition of Aft1 (see Fig. 6, lane 3).