Supplementary Information:

A faulty interaction between SOD1 and hCCS in neurodegenerative disease

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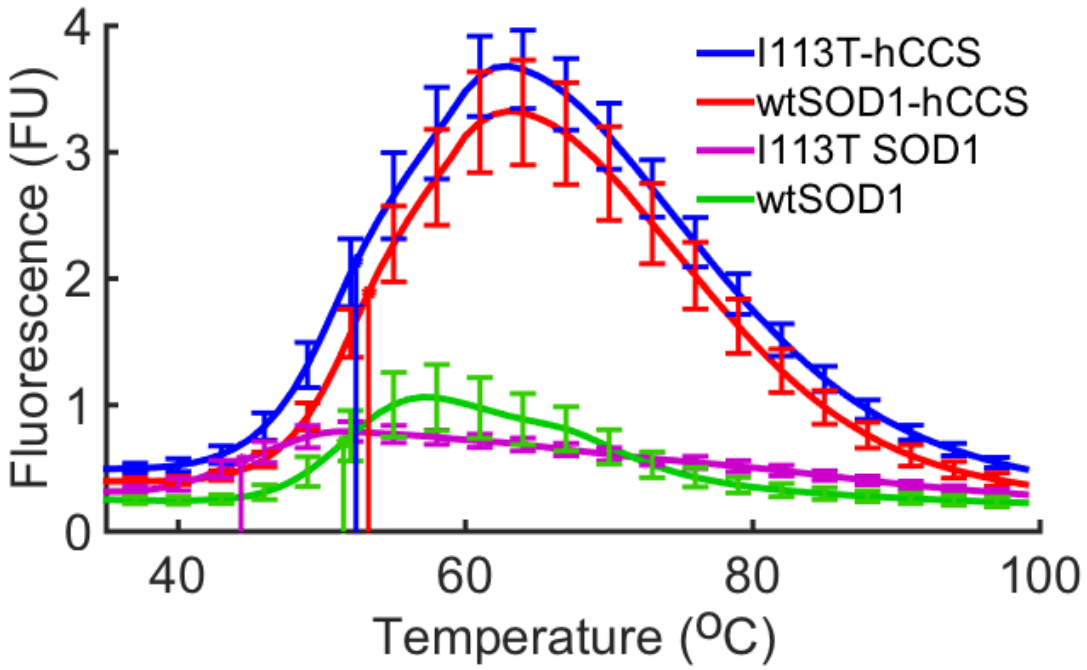
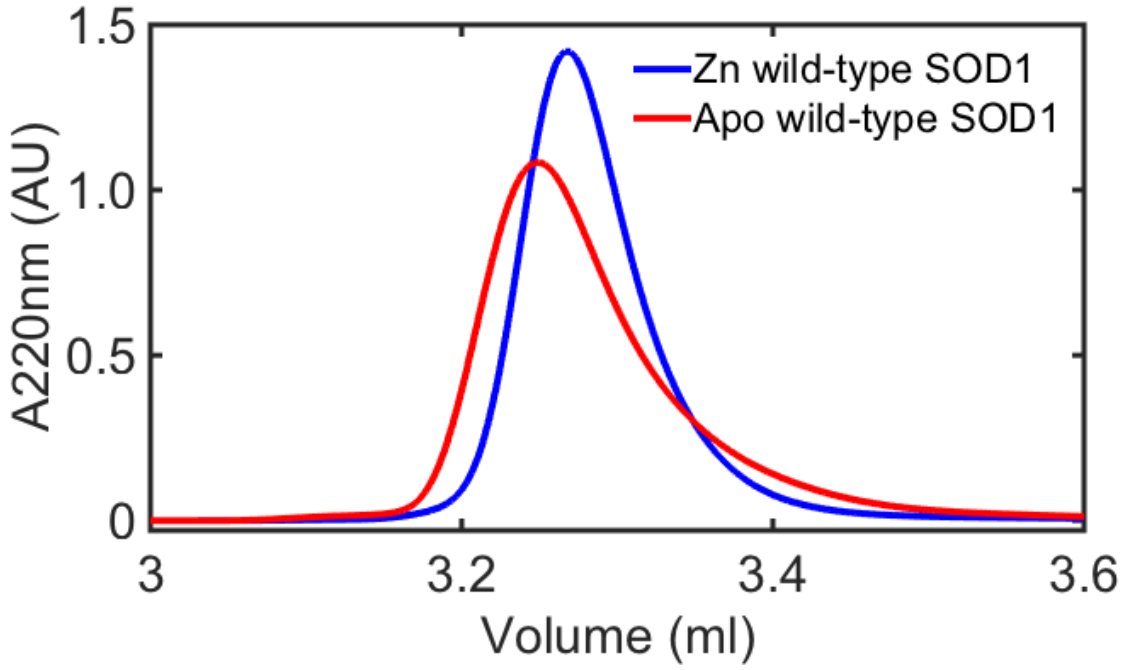
Supplementary Figure S1. DSF showing that SOD1 instability resulting from ALS mutations is largely ameliorated by complexation with hCCS. Unfolding transitions are I113T SOD1 44.4 ± 0.5, wtSOD1 51.5 ± 0.5, I113T SOD1- hCCS 52.4 ± 0.7 and wtSOD1-hCCS 53.3 ± 0.5 ^{o}C.



Supplementary Figure S2. Size exclusion chromatograms of zinc metalled and zinc free wild-type SOD1 showing apo-SOD1 eluting before zinc-SOD1 indicating increased R_h.



Supplementary Figure S3. SAXS curves for zinc metalled and zinc free wild-type SOD1. Zn-SOD1 R_g 20.9, apo-SOD1 R_g 21.9, D_{max} 65 Å.