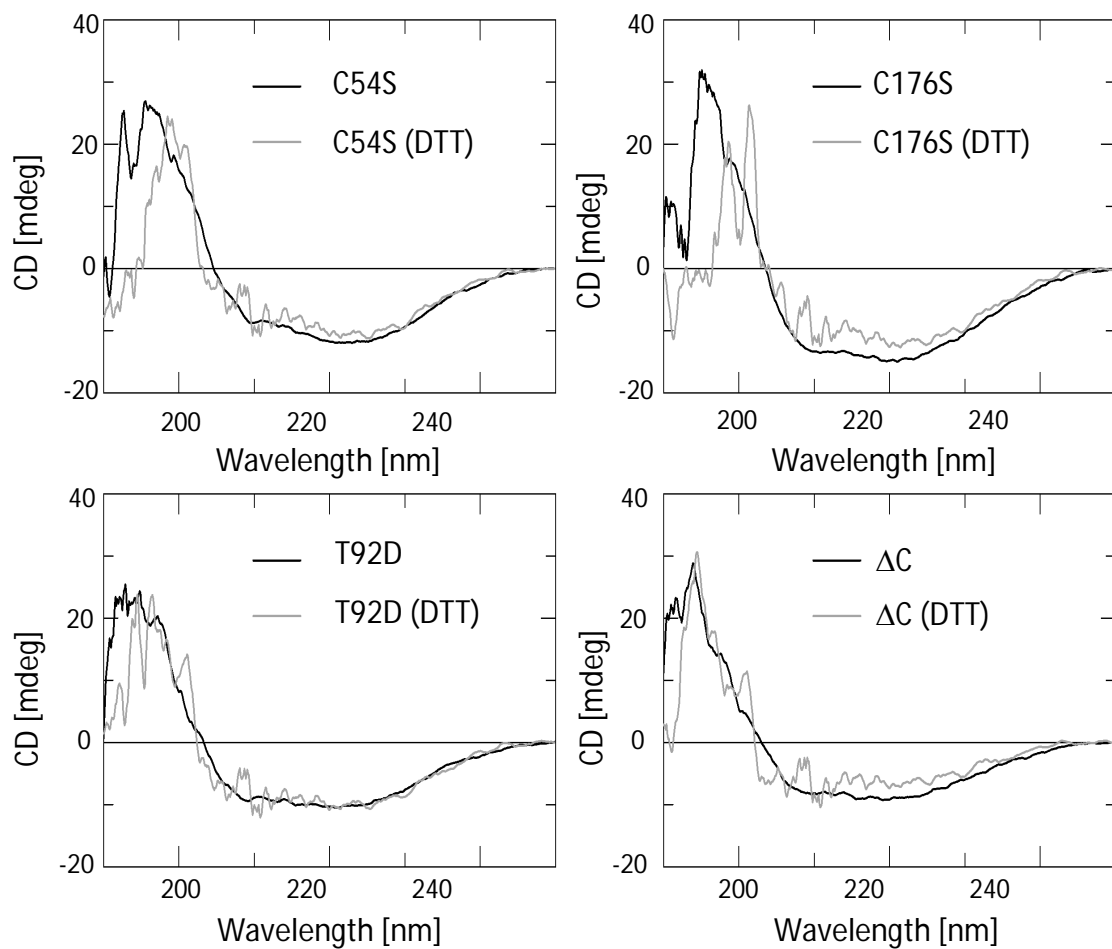


Figure S2: König et al.



Suppl. Figure 2. Secondary structure analysis of 2-CysPrx variants using circular dichroism spectroscopy. 10 mM of non-treated and thus oxidised and reduced (10 mM DTT) 2-CysPrx WT and variants were analysed.

Supplementary table:

Table S1: Primers used for cloning of 2-CysPrx and variants

Name	5'- 3' Sequence
At_2CPA_F	5'- ATATACATATGGCCCAGGCCGATGATCTTCC-3'
At_2CPA_R	5'- ATATAGAATTCTAAATAGCTGAGAAGTACTC-3'
2CP_stop_gwk_R	5'-ATATAGAATTCCTACTTCCATCCTGCTGGG-3'
2CP_F84R_F	5'-TGTTTCTGTGCGATAGTGTGCGCTCTCACCTTGCATGGGTC-3'
2CP_F84R_R	5'-GACCCATGCAAGGTGAGAGCGCACACTATCGACAGAAACA-3'
2CP_C176K_F	5'-GAAAACCCGGATGAAGTCAAGCCAGCAGGATGGAAGCCG-3'
2CP_C176K_R	5'-CGGCTTCCATCCTGCTGGCTTGACTTCATCCGGGTTTTTC-3'
2CP_T92D_F	5'-CTCACCTTGCATGGGTCCAAGATGACAGGAAATCTGGAGGGC-3'
2CP_T92D_R	5'-GCCCTCCAGATTTCTGTGCATCTTGGACCCATGCAAGGTGAG-3'
2CP_C54S_F	5'-ACTTTCGTCTCCCAACA-3'
2CP_C54S_R	5'-TGTTGGGGAGACGAAAGT-3'
2CP_C176S_F	5'-ATGAAGTCTCCCCAGCA-3'
2CP_C176S_R	5'-TGCTGGGGAGACTTCAT-3'
2CP-C54D_F	5'-ACTTTCGTGCGACCAACAGAGATTACTG-3'
2CP_C54D_R	5'-CAGTAATCTCTGTTGGGTGCGACGAAAGT-3'
At-NTRC-F	5'-ATATA CATATG T CAG GAG GCG AGA TTA TC-3'
At-NTRC-R	5'-AAAAAA AAGCTT TCATTTATTGGCCTCAATG-3'