

Table S1. The sequence of primers used in mutagenesis reactions at amino acid position 114.

CysSh14Trp	5'- GGAAGATT TGG ACATCAAAAGC-3'
CysSh14Trp	5'- CCTTTTGATGT CCA AATCTTCC-3'
CysSh14Phe	5'- GGAAGATT TTT TACATCAAAAGC-3'
CysSh14Phe	5'- CCTTTTGATGT AAA AATCTTCC-3'
CysSh14Leu	5'- GGAAGATT TTT TAACATCAAAAGC-3'
CysSh14Leu	5'- CCTTTTGATGT TAA AATCTTCC-3'
CysSh14Ala	5'- GGAAGATT GCT ACATCAAAAGC-3'
CysSh14Ala	5'- CCTTTTGATGT AGC AATCTTCC-3'