

SUPPLEMENTARY TABLE S2. OLIGONUCLEOTIDES USED IN THIS WORK

<i>Primer</i>	<i>Sequence 5' to 3'</i>	<i>Application</i>
A	CCATGGGACAAAGCACCTCC	Forward primer for amplification and cloning of <i>Tb1-C-Grx1</i> WT in pET-trx1b vector, starting with Gln42.
B	TTCCATGGTTAAGAAAGACATCGACG	Forward primer for amplification and cloning of <i>Tb1-C-Grx1</i> $\Delta 76$ in pET-trx1b vector, starting with Met77.
C	TGAATTCGGATCCGGTACCTTAC	Reverse primer for amplification and cloning of <i>Tb1-C-Grx1</i> WT and $\Delta 76$ in pET-trx1b vector.
D	CCGAGGCCCCCATGTCTGCCTATTCGAAG	Reverse primer for mutation of Cys104 to Ser using the primer extension method.
E	TAGGTACCTTACAGGTCCCGAGAAGTGATT CCCTTATCCC	Reverse primer for mutation of Cys181 to Ser
F	CCGAGGCCCCCATGTCTGGCCTATTCGAAGCG	Forward primer used to generate Cys104 to Ser mutant in the trypanosomal vector pHD1700-1-C-Grx1 cMyc2 (3) using a commercial mutagenesis kit.
G	CGCTTCGAATAGGCCGACATGGGGCCTCGG	Forward primer used to generate Cys104 to Ser mutant in the trypanosomal vector pHD1700-1-C-Grx1 cMyc2 (3) using a commercial mutagenesis kit.

WT, wild type.