Additional file 2

Table 1. Protein disulfide reductase activity of TrxB and TrxC

Sample	Reductase activity ($\Delta A_{650} \times 10^{-3}$ min^{-2})
TrxB (5μM)	7.20
TrxC (5μM)	6.98
Buffer control	0.57

The reductase activity was measured by insulin disulfide reduction assay as described for WhiB1.

Table 2. List of primers used in this study

Primer's name	Nucleotide sequence
*whiB*1/WT-Y2H-F	5'-TCC G**GAATTC**ATGGATTGGCGCCAC-3'
*whiB*1/WT-Y2H-R	5'-TTTCG**CTCGAG**GAGT CGTCAGACCC-3'
*whiB*4/WT-Y2H-F	5'-ATATAT**GAATTC**GTGTCAGGAACCCGTCCAGCCG-3'
*whiB*4/WT-Y2H-R	5'-ATATAT**CTCGAG**CTATCCGGCGGTGCCGGTGC-3'
*whiB*1/C40S/F	5′ -TGTAATCGGAGCCCGGTCACCACAG- 3′
*whiB*1/C40S/R	5′ -CTCTGTGGTGACCGGGCTCCGATT-3′
trxB/WT/F	5'-ATATAT**GAATTC**GTGACTACCCGAGACCTCACTGCCGCACAG-3'
trxB/WT/R	5'-ATATAT**CTCGAG**GGCTTGTTGGGCTCGCCCGTTCTGGGTG-3'
trxC/WT/F	5'-ATATAT**GGATCC**ATGACCGATTCCGAGAAGTCCGCCAC-3'
trxC/WT/R	5'-ATATAT**AAGCTT**GTTGAGGTTGGGAACCACGTCTGAGAGCTC-3'

Nucleotide sequences in bold letters are the restriction sites used for cloning, whereas the underlined sequence represent the mutated codon used to replace the cysteine to serine of WhiB1.