

Table S1. List of primers employed in this study.

Name	Primers	Characteristics	Organism
MMO 1285	AAACAGCGGCCGCATTATTCATGAAAGGTATTCCT	Upstream oligo for cloning M2 module of <i>AtGRXS17</i> in pMM221. Contains NotI site	Yeast
MMO 1286	AAACTGCAGAAGATCTTTGAAAGCATCTTT	Downstream oligo for cloning M2 module of <i>AtGRXS17</i> in pMM221. Contains PstI site	Yeast
MMO 1287	AAACAGCGGCCGCACTGTTCATGAAAGGAAGAC	Upstream oligo for cloning M3 module of <i>AtGRXS17</i> in pMM221. Contains NotI site	Yeast
MMO 1288	AAACTGCAGCCCTTCTCGGTCAAGAC	Downstream oligo for cloning M3 module of <i>AtGRXS17</i> in pMM221. Contains PstI site	Yeast
MMO 1289	AAACAGCGGCCGCACTATTCATGAAAGGTTCAAC	Upstream oligo for cloning M4 module of <i>AtGRXS17</i> in pMM221. Contains NotI site	Yeast
MMO 1290	AAACTGCAGCTCGGATAGAGTTGCTTTG	Downstream oligo for cloning M4/entire module of <i>AtGRXS17</i> in pMM221. Contains PstI site	Yeast
MMO 1291	AAACAGCGGCCGCAAGCGGTACGGTGAAGGAT	Upstream oligo for cloning the entire <i>AtGRXS17</i> in pMM221. Contains NotI site	Yeast
At4g04950 F	CCCCATGAGCGGTACGGTGAAGGAT	Forward primer for cloning <i>AtGRXS17</i> and PCR analysis	Arabidopsis
At4g04950 R	CCCCGGATCTTACTCGGATAGAGTTGC	Reverse primer for cloning <i>AtGRXS17</i> and PCR analysis	Arabidopsis
At4g04950 Rec-F	GGGAATCCATATGAGCGGTACGGTGAAGG	Forward primer for cloning <i>AtGRXS17</i> in pET-16b expression vector	Arabidopsis
At4g04950 Rec-R	CGGGATCCTTACTCGGATAGAGTTGCTTTG	Reverse primer for cloning <i>AtGRXS17</i> in pET-16b expression vector	Arabidopsis
At4g04950 C33S F	CTTCTGGGCTTCTGGAGTGATGCTTCGAAGCA	Forward primer for site-directed mutagenesis (Cys-33 to Ser)	Arabidopsis
At4g04950 C33S R	TGCTTCGAAGCATCACTCCAAGAAGCCCAGAAG	Reverse primer for site-directed mutagenesis (Cys-33 to Ser)	Arabidopsis
At4g04950 C179S F	CCTGAAGAGCCTAGGAGTGGGTTTAGCAGGA	Forward primer for site-directed mutagenesis (Cys-179 to Ser)	Arabidopsis
At4g04950 C179S R	TCCTGCTAAACCCACTCCTAGGCTCTTCAGG	Reverse primer for site-directed mutagenesis (Cys-179 to Ser)	Arabidopsis
At4g04950 C309S F	GACCAGAAGAACCAAGAGTGGGTTCAAGTGGGAAA	Forward primer for site-directed mutagenesis (Cys-309 to Ser)	Arabidopsis
At4g04950 C309S R	TTTCCCACTGAACCCACTCTTGGTTCTTCTGGTC	Reverse primer for site-directed mutagenesis (Cys-309 to Ser)	Arabidopsis
At4g04950 C416S F	GGTTCACCAGATGAACCGAAAAGCGGATTTAGCT	Forward primer for site-directed mutagenesis (Cys-416 to Ser)	Arabidopsis
At4g04950 C416S R	AGCTAAATCCGCTTTTCGGTTCATCTGGTGAACC	Reverse primer for site-directed mutagenesis (Cys-416 to Ser)	Arabidopsis
At5g09810 F	AAAATGGCCGATGGTGAGGATAT	Forward primer for PCR analysis (Actin control)	Arabidopsis
At5g09810 R	CAATACCGTTGTACGACCACT	Reverse primer for PCR analysis (Actin control)	Arabidopsis
At3g12480 F2	TCGACGATTTCTGGATTTGG	Forward primer for PCR and RT-PCR analyses (<i>AtNF-YC11/NC2α</i>)	Arabidopsis
At3g12480 R2	CCTTCTCTTGAGATGCTGC	Reverse primer for PCR and RT-PCR analyses (<i>AtNF-YC11/NC2α</i>)	Arabidopsis