

**S1 Table. Oligonucleotides used in this study**

Primer	Sequence 5' - 3'
ScGRX3f	ATGTGTTCTTTTCAGGTTCCATCTG
ScGRX3r	TTAAGATTGGAGAGCATGCTGCAA
ScGRX4f	ATGACTGTGGTTGAAATAAAAAGC
ScGRX4r	TTACTGTAGAGCATGTTGGAAATA
ScGRX5f	ATGTTTCTCCAAAATTCAATCC
ScGRX5r	TCAACGATCTTTGGTTTCTTCTTC
Grx4.fF	<u>GCGGCCGC</u> ATGGACAGCAACTG
Grx4.fR	<u>GCGGCCGC</u> TCAAATTGATTTCTCTAA
Grx5.fF	<u>GCGGCCGC</u> ATGAGCTTACGATCATA
Grx5.fR	<u>GCGGCCGC</u> TTAATTTTCTCCTGTTC
Grx7.fF	ATGTCTAAAGCGGCGATCTTACC
Grx7.fR	TTATAAAGATGGTCGAAAAATTCGTG
GintGRXfw2	GAAGATTCCGAAGGAAGAGC
GintGRXrev2	CAACGTGTTGACCCTTGATA
RiGrx4.qF	GATTTTGGGCAACATGGGC
RiGrx4.qR	CGGGGAATTTCTCAGCCTCAATCT
RiGrx5.qF	GCGCAAGGTTTGGATTCT
RiGrx5.qR	AGGGACTGTTGGCCATTGT
RiGrx7.qF	TGGGAGAAGGAGGTGAAGAA
RiGrx7.qR	CCAATGCTTCTCGAAACG
GintPDXfw	CTGGAGATCCTGCTAAAAGAGC
GintPDXrev	CCAAGATCCTCCGATACTTCG
GintEFfw	GCTATTTGATCATTGCCGCC
GintEFrev	TCATTA AACGTTCTTCCGACC
RiGRX4-sfi-F	<u>CAAGGCCATTACGGCC</u> ATGGACAGCAACTTGATAGA ACTTAC
RiGRX4-sfi-R	<u>GATGGCCGAGGCGGCCG</u> AAATTGATTTCTCTAAAGCAAACATGG
RiGRX5-sfi-F	<u>CAAGGCCATTACGGCC</u> ATGAGCTTACGATCATTAAACACGTC
RiGRX5-sfi-R	<u>GATGGCCGAGGCGGCCG</u> ATTTTCTCCTGTTCTAATTCATTTTATG
RiGRX6-sfi-F	<u>CAAGGCCATTACGGCC</u> ATGTCTAAAGCGGCGATCTTAC
RiGRX6-sfi-R	<u>GATGGCCGAGGCGGCCG</u> ATAAAGATGGTCGAAAAATTCGTG