



Supplementary Fig. 1. Genomic DNA sequence similarity of *C. melo peroxidase* genes, *CmPrx2-1*, MELO3C014657; *CmPrx2-2*, MELO3C014656 was conducted with reference sequence (Melon, *Cucumis melo*, ASM31304v1; Cucumber, *Cucumis sativus*, ASM407v2). Red colored boxes indicate intron 1, intron 2 and intron 3 in *CmPrx2-1* and *CmPrx2-2*. Green colored boxes indicate addition of adenine in *CmPrx2-2* sequence compared to reference sequence (ASM31304v1).

Supplementary Table 1. Specific primer sequences used for real-time and RT-PCR amplification of *peroxidase* and *glucan synthase* genes of *C. melo* L.

Sl No.	Gene Name	Primer		Product size
		Forward	Reverse	
1	<i>CmPrx2-1</i>	ACATACGTGCCGGTGCTAAA	TTGGAAGCTTGAGCTAGGAT	229
2	<i>CmPrx2-2</i>	ACCTTTTACGATCAAACCTG	ATTTCCAGGTGAGTTGAGCT	198
3	<i>CmGLS1</i>	CCCTATCCATGATCTTCTCA	ATTAGCAAGGTGAAGAACCA	217
4	<i>CmActin</i>	TGCCCAGAAGTTCTATTCCAGC	CATAGTTGAACCACCACTGAGGAC	147