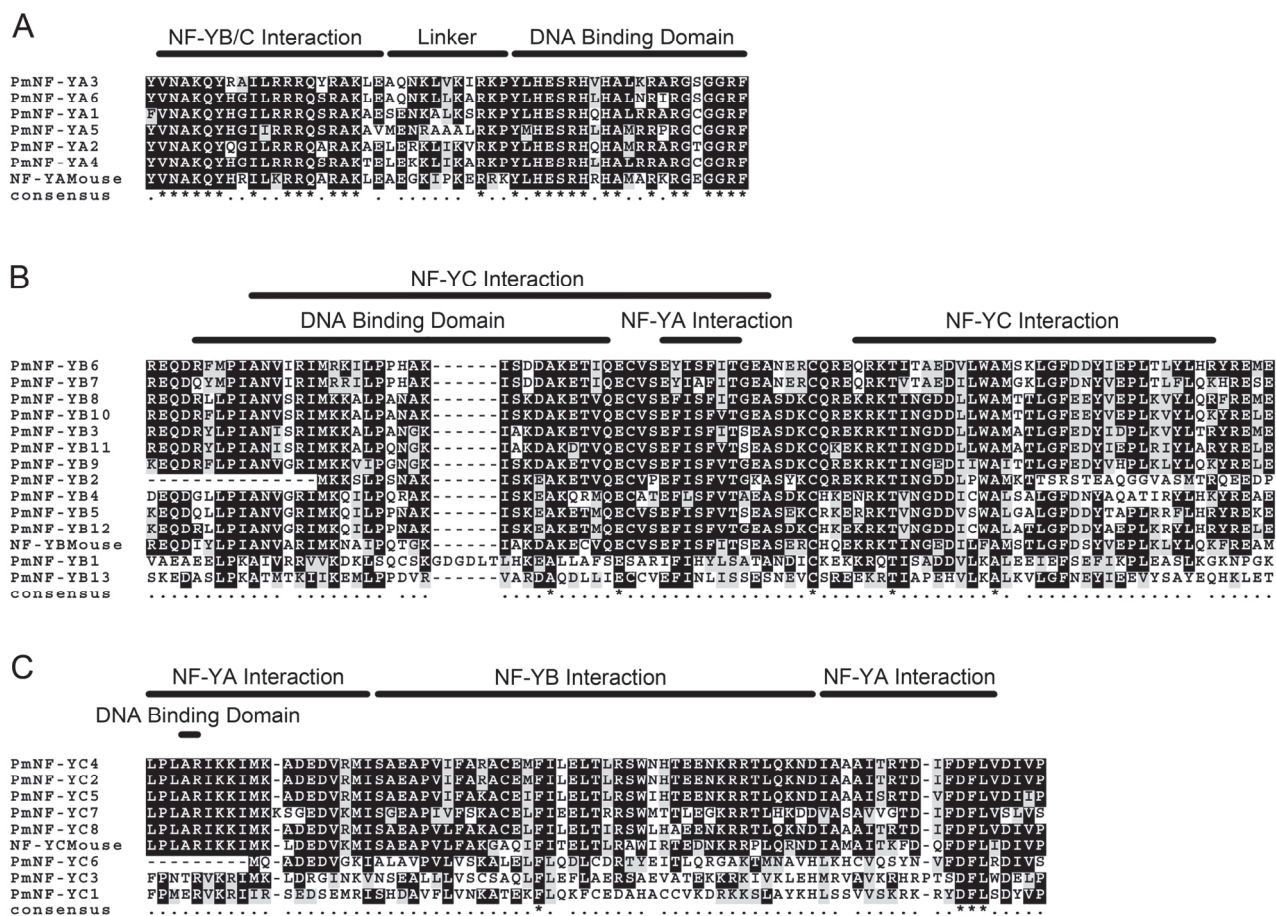


Table 1 Suppl. Primers used to amplify *Prunus mume nuclear factor Y (PmNF-Y)* for real time quantitative PCR analyses.

Genes	Forward primer (5'-3')	Reverse primer (5'-3')
PmNF-YA1	CTTGCCTGCAATTGGTATTTCTC	GATGCTTCTGTAGTAAGGGTCTGG
PmNF-YA2	GCCCAAATGGTGGTTCAGAG	GGCAATCATCACGAACTGTAGG
PmNF-YA3	GGTGCTTCCACTACTTCTTGCTCTG	CACCACGCACATCAACAAAGG
PmNF-YA4	GTTTTGAGTGCTTTCCCAATACCAG	GTGGAAGGGTATGCTGATGATGG
PmNF-YA5	GACGCAAGTTGGTGATGGACAG	GCTGCCATTTCGTTTCCTTTGAG
PmNF-YA6	CTCAGACATAGCAAGTGTTTCCCATAC	GGTTCCAGCACGCATAAGCC
PmNF-YB1	CAGGAACATCAAAAGCAAAGGAAG	CATCATCGCTGCCATTTTCATC
PmNF-YB2	GTGGCTTCTATTTTCTTGAGGGAC	CAAATCTCTGTTTCCATTACATCTC
PmNF-YB3	CAAGGGTTCAGGGAAGGGTG	GGGAGAAAGAACCTTGCGAG
PmNF-YB4	GCAGCAAGTATCTACATGGCAAG	GTCACCTTTCTCAAGCATCCG
PmNF-YB5	GGCTGTAGGTAAGTTCAGTATGCG	CACTCTCCTCTCTCAATGACACTAAT
PmNF-YB6	GCAGCAGTAGCAGGGCAATAG	GAGGCATCGGATGGCTTTAAG
PmNF-YB7	GATTGCCCTGATGCCTCCTC	CCTGAAGCCGACGAAGACC
PmNF-YB8	GTGGAGCCTCTCAAGGTTTATCTGC	GCTGTTGTTGCTGCTGCCAATATAC
PmNF-YB9	CTTCCACCAATCTCCTCTCTCAG	CAATGCCCAACTGAATCAATATG
PmNF-YB10	GGAGGTGTAAGCTCTGGGTCAAG	CAACCCTAACTCCGCCACTTC
PmNF-YB11	CTGCTAAAGGGAATGCTGTTGG	CCCATATTGTTCAAAGGCAC
PmNF-YB12	GGAAGGAGAGAAGGCGGC	CAAGCACATTGAACTTTAAGGGAC
PmNF-YB13	CAACGGAGCCGAGATGACAG	GTTCAGGGTCTGGTTGCTTGG
PmNF-YC1	GAGAAAGAGGAGGTGAAGTCG	GTTGACGAGGAAAACGGCG
PmNF-YC2	GGGATGATTATGGGTAAGCCTATG	GGTGCCTGCTGCCACATTG
PmNF-YC3	GTCAGCCATCCGATCATCAGC	GTCTGAATCGGGATTCTTTTGTC
PmNF-YC4	GGGCATCCCACAACAATAGG	GCTGAGAAGAGGCTGGAGGAC
PmNF-YC5	GGGACTTGAGTGACTAAGGCTAC	CTGCTGAGGTTGAGGCTGAGAC
PmNF-YC6	CACATCTCTTCAGCACCCAC	CCTTCATTTCTCCTTTGACTCG
PmNF-YC7	CTCACACGGAGGTCTTGATG	GCGTGATGTCTTCAGAAATGGC
PmNF-YC8	GTGGTGTCCCGTACTACTATCCG	CACCGCTCCCATACGAACC
PmEF1 α	CGGATTCAATGTAAAGAATGTTGC	AGAACTGGAGCATATCCGTTACC

Table 2 Suppl. Annotation of *Prunus mume* NF-Y families.

<i>Prunus mume</i> NF-YA Family				<i>Prunus mume</i> NF-YB Family			<i>Prunus mume</i> NF-YC Family			
Name	NCBI Reference	Chr??	Putative <i>At</i>	Name	NCBI Reference	Chr	Name	NCBI Reference	Chr	Putative <i>At</i>
	Sequence		orthologues		Sequence			Sequence		orthologues
PmNF-YA1	XM_008227371	LG3	NF-YA4,7	PmNF-YB1	XM_008230444	LG1	NF-YB11	PmNF-YC1 XM_008227260	LG1	NF-YC10
PmNF-YA2	XM_008229094	LG3	NF-YA1,9	PmNF-YB2	XM_008235330	LG1	NF-YB4,5	PmNF-YC2 XM_008248275	LG1	NF-YC3,9
PmNF-YA3	XM_008230009	LG4	NF-YA3,5,6,8	PmNF-YB3	XM_008241192	LG1	NF-YB1,8,10	PmNF-YC3 XM_008224006	LG2	NF-YC13
PmNF-YA4	XM_008233048	LG5	NF-YA2,10	PmNF-YB4	XM_008248220	LG1	NF-YB4,5	PmNF-YC4 XM_008224762	LG2	NF-YC3,9
PmNF-YA5	XM_008242854	LG8	NF-YA2,10	PmNF-YB5	XM_008224948	LG2	NF-YB4,5	PmNF-YC5 XM_008227920	LG3	NF-YC2
PmNF-YA6	XM_008243974	LG8	NF-YA3,5,6,8	PmNF-YB6	XM_008226411	LG3	NF-YB6,9	PmNF-YC6 XM_008233355	LG5	NF-YC11
				PmNF-YB7	XM_008228939	LG3	NF-YB6,9	PmNF-YC7 XM_008240676	LG7	NF-YC12
				PmNF-YB8	XM_008228945	LG3	NF-YB2,3	PmNF-YC8 XM_008241260	LG7	NF-YC1,4
				PmNF-YB9	XM_008229192	LG3	NF-YB7			
				PmNF-YB10	XM_008231705	LG4	NF-YB2,3			
				PmNF-YB11	XM_008235156	LG5	NF-YB1,8,10			
				PmNF-YB12	XM_008236796	LG6	NF-YB4,5			
				PmNF-YB13	XM_00824584	Scaffold4	NF-YB12,13			



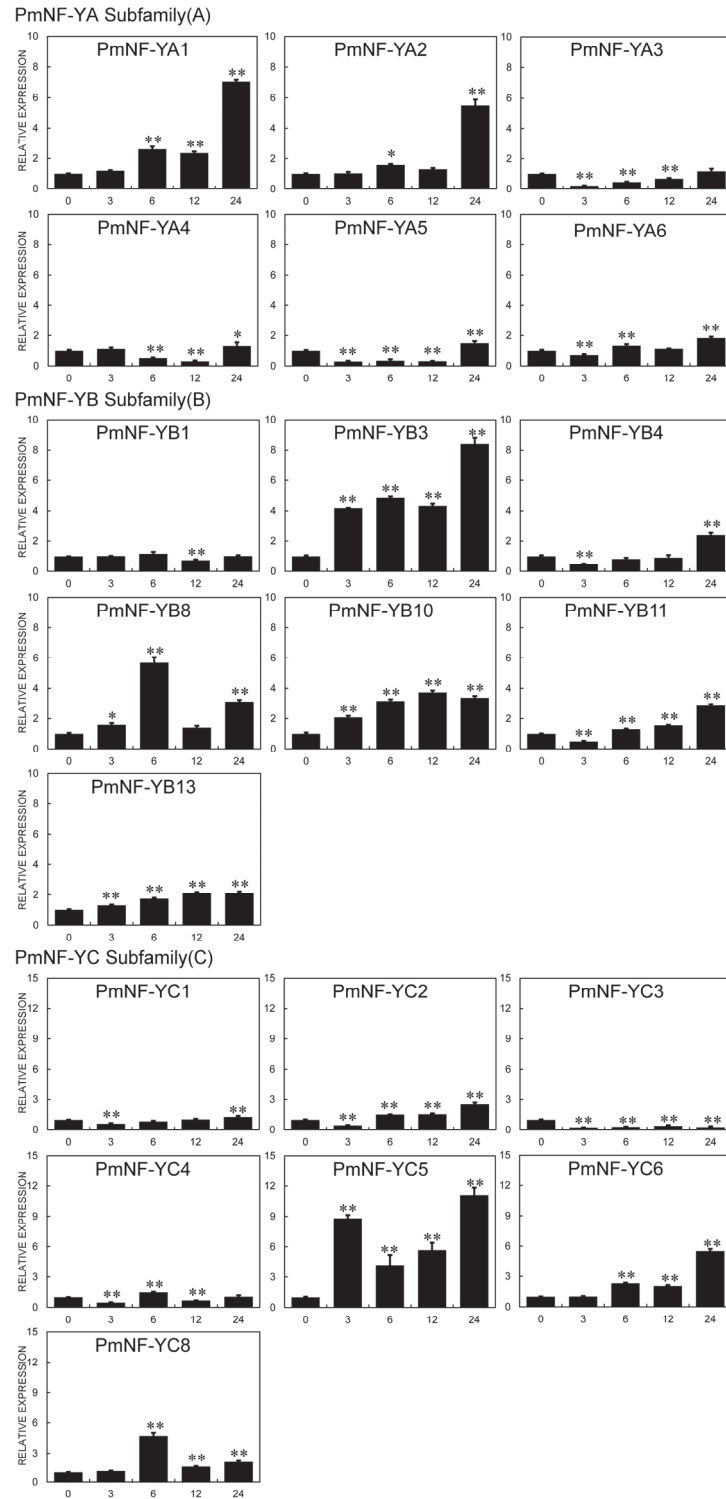


Fig. 3. Suppl. Expression patterns of *PmNF-Y* in response to abscisic acid (ABA) treatment at different time points. Transcription of *PmNF-YA* (A), *PmNF-YB* (B), and *PmNF-YC* (C) genes determined by real time quantitative PCR under the ABA treatment. The expressions were normalized to that of *PmEF1α*, and the level of each gene transcript in the control was set to 1.0. Means $\pm$ SDs of three independent experiments. Significant differences between the treated samples and controls are indicated by a single ($P < 0.05$) or double ($P < 0.01$) asterisks according to Dunnett's method of one-way ANOVA.

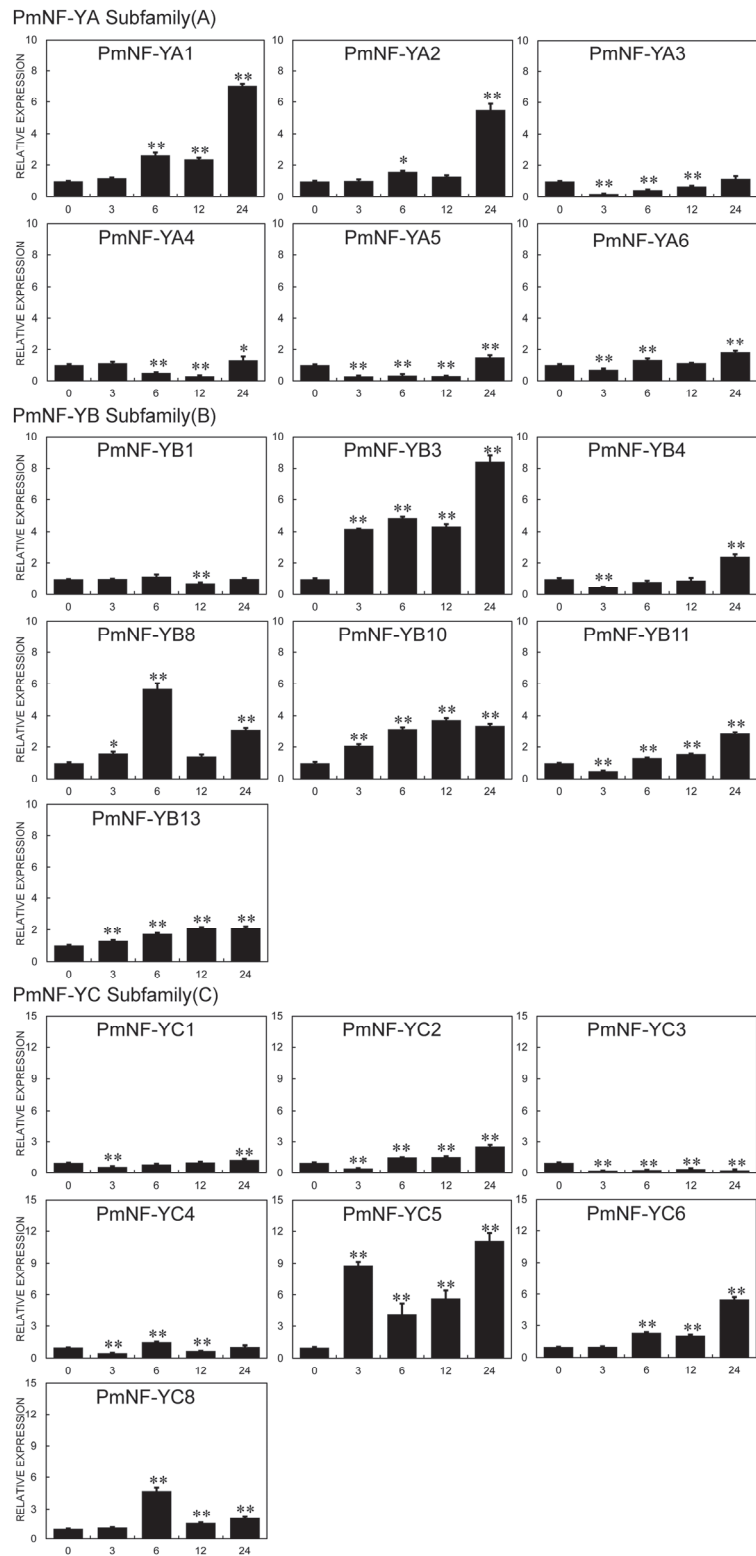


Fig. 4. Suppl. Expression patterns of *PmNF-Y* in response to osmotic stress at different time points. Transcription of *PmNF-YA* (A), *PmNF-YB* (B), and *PmNF-YC* (C) genes determined by real time quantitative PCR under the mannitol treatment. Statistics the same as in Fig. 3.

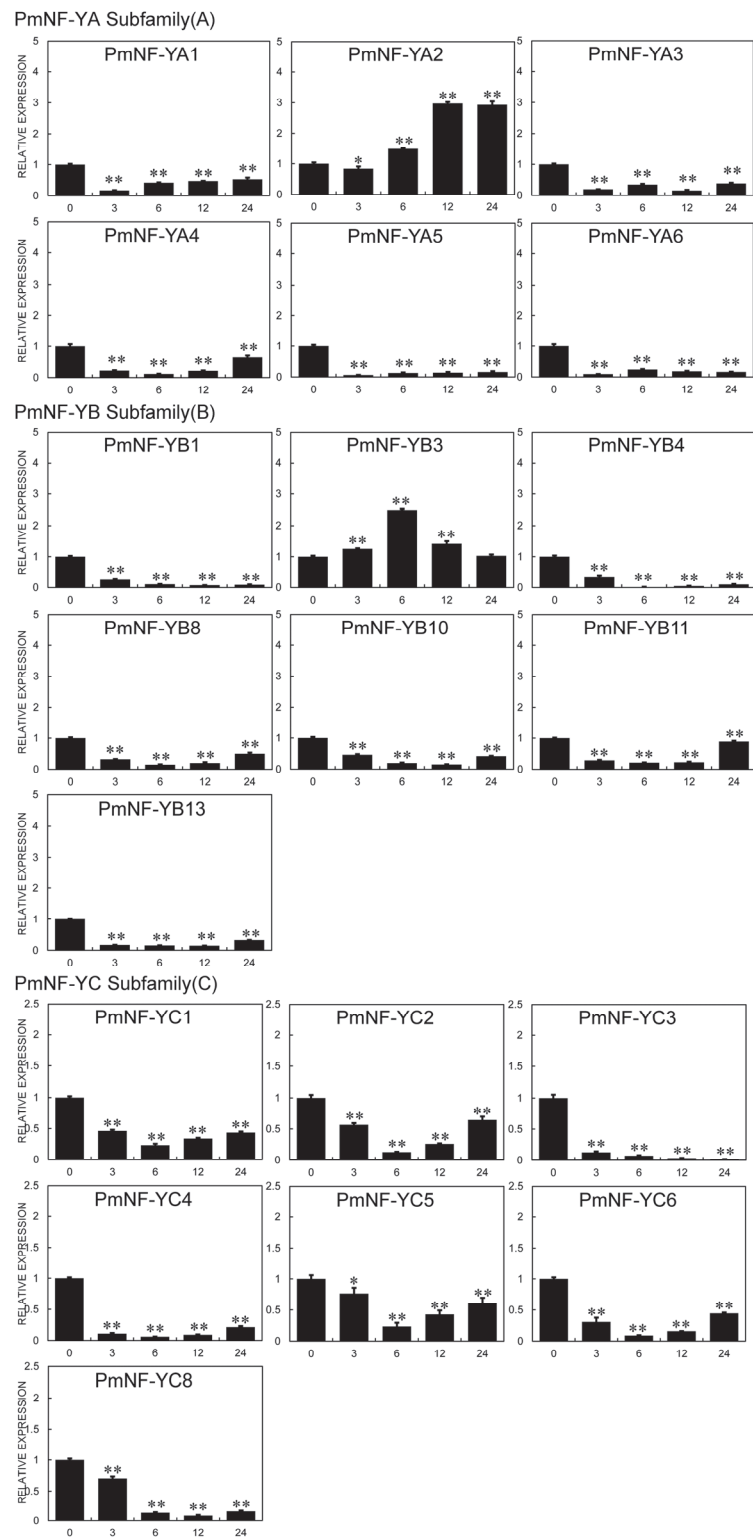


Fig. 5. Suppl. Expression patterns of *PmNF-Y* in response to salinity stress at different time points. Transcription of *PmNF-YA* (A), *PmNF-YB* (B), and *PmNF-YC* (C) genes determined by real time quantitative PCR under the NaCl treatment. Statistics the same as in Fig. 3.

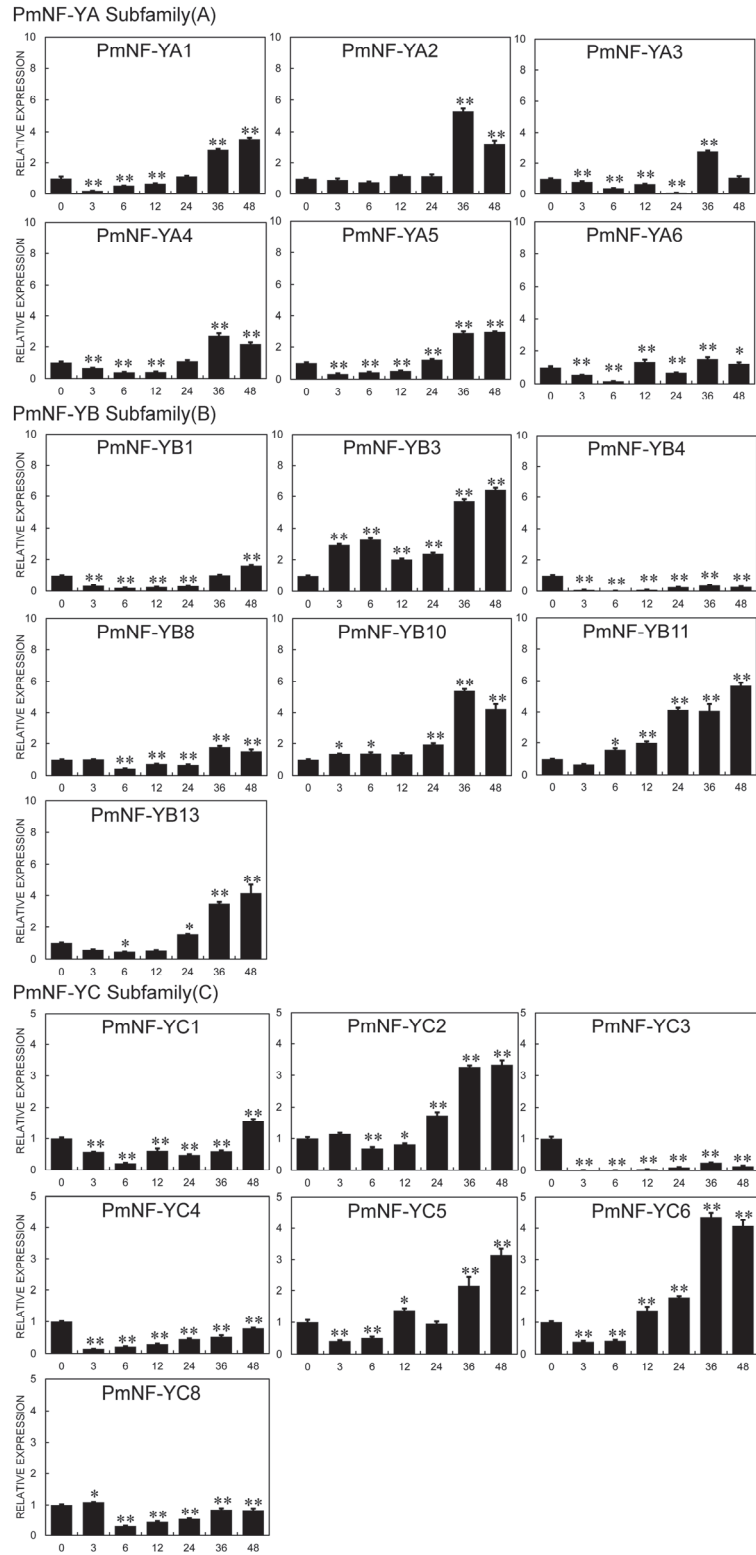


Fig. 6. Suppl. Expression patterns of *PmNF-Y* in response to H_2O_2 stress at different time points. Transcription of *PmNF-YA* (A), *PmNF-YB* (B), and *PmNF-YC* (C) genes determined by real time quantitative PCR under the H_2O_2 treatment. Statistics the same as in Fig. 3.