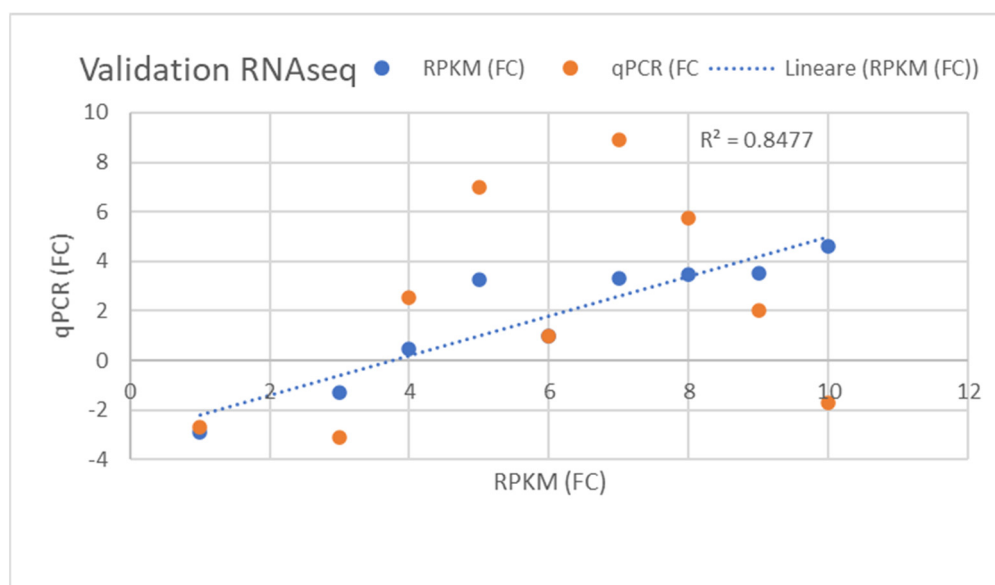


Suppl. Table S1. Set of primers used for RNAseq validation using qPCR.

at2g29500 17.6 kDa class I small heat shock protein (HSP17.6B-CI)						
	Template strand	Length	Start	Stop	Tm	GC%
at2g29500 For	ACGAGGAGGTTTAGGTTGCC	Plus	20	325	344	59.68
at2g29500 Rev	ACACACCATTCTCCATCGCA	Minus	20	394	375	59.68
at5g12030 AT-HSP17.6A, HSP17.6 AT-HSP17.6A (ARABIDOPSIS THALIANA HEAT SHOCK PROTEIN 17.6A)						
at5g12030 For	GACATGCTTGAAGCCCCTGA	Plus	20	46	65	60.32
at5g12030 Rev	ATGTCCACGGCGAAAACGTA	Minus	20	188	169	60.32
at5g12020 Symbols: HSP17.6II HSP17.6II (17.6 KDA CLASS II HEAT SHOCK PROTEIN)						
at5g12020 For	AAGTCCCCGAAGACCACAAC	Plus	20	285	304	59.89
at5g12020 Rev	ATTGCCTTAGCGTCTCGCAT	Minus	20	360	341	60.18
at1g09080 Symbols: BIP3 BIP3; ATP binding chr1:2929217-2931841						
at1g09080 For	TTTCTGACTGCTTTGATGTCAAGT	Plus	24	110	133	59.12
at1g09080 Rev	GATCCCTATCACCGTCCCCA	Minus	20	181	162	60.47
at3g46230 ATHSP17.4, HSP17.4 ATHSP17.4 chr3:16984118-16984841						
at3g46230 For	GGCGAGTATGGAGAATGGGG	Plus	20	489	508	59.96
at3g46230 Rev	GGACTTGACCTCCGGCTTAC	Minus	20	561	542	60.11
at1g72070 DNAJ heat shock N-terminal domain-containing protein chr1:27118621-27119708						
at1g72070 For	CCGCTTACGAGTGTGTTGATGC	Plus	21	558	578	60.20
at1g72070 Rev	TCCCATCCATTCTCCCACT	Minus	20	655	636	59.95
at5g59720 Symbols: HSP18.2 HSP18.2 (heat shock protein 18.2) chr5:24062577-24063277						
at5g59720 For	ATAAGTGGCACCGTGTGGAG	Plus	20	614	633	60.04
at5g59720 Rev	TTGAGGCTTCTTCTCAGGCG	Minus	20	762	743	60.04
at5g37750 heat shock protein binding / unfolded protein binding chr5:14995789-14997046						
at5g37750 For	ACTGTGAACATAAGAAGTACGAGTCA	Plus	25	1026	1050	59.47
at5g37750 ev	AAAGGAGAACCCGCTCTTGT	Minus	20	1174	1155	59.23

at5g37440 DNAJ heat shock N-terminal domain-containing protein chr5:14844359-14845560						
at5g37440 For	GGCGAGGACATATGTGAGCTA	Plus	21	1154	1174	59.39
at5g37440 Rev	ACAAGACACACTCCTACACATTGA	Minus	24	1284	1261	59.90
at3g14200 DNAJ heat shock N-terminal domain-containing protein chr3:4712574-4714653						
at3g14200 For	ACAATGTTCCATCGGCTGGT	Plus	20	966	985	59.96
at3g14200 Rev	GAAGTGGCTATGAGGTGGGG	Minus	20	1037	1018	59.82



Linear regression between the RNAseq data versus qPCR data both are expressed as Log2 fold change of $2^{-\Delta\Delta CT}$. The correlation coefficient was $r=0.58$.