

Supplementary Material

Integrated analysis of transcriptomic and metabolomic data reveals critical metabolic pathways involved in polyphenol biosynthesis in *Nicotiana tabacum* under chilling stress

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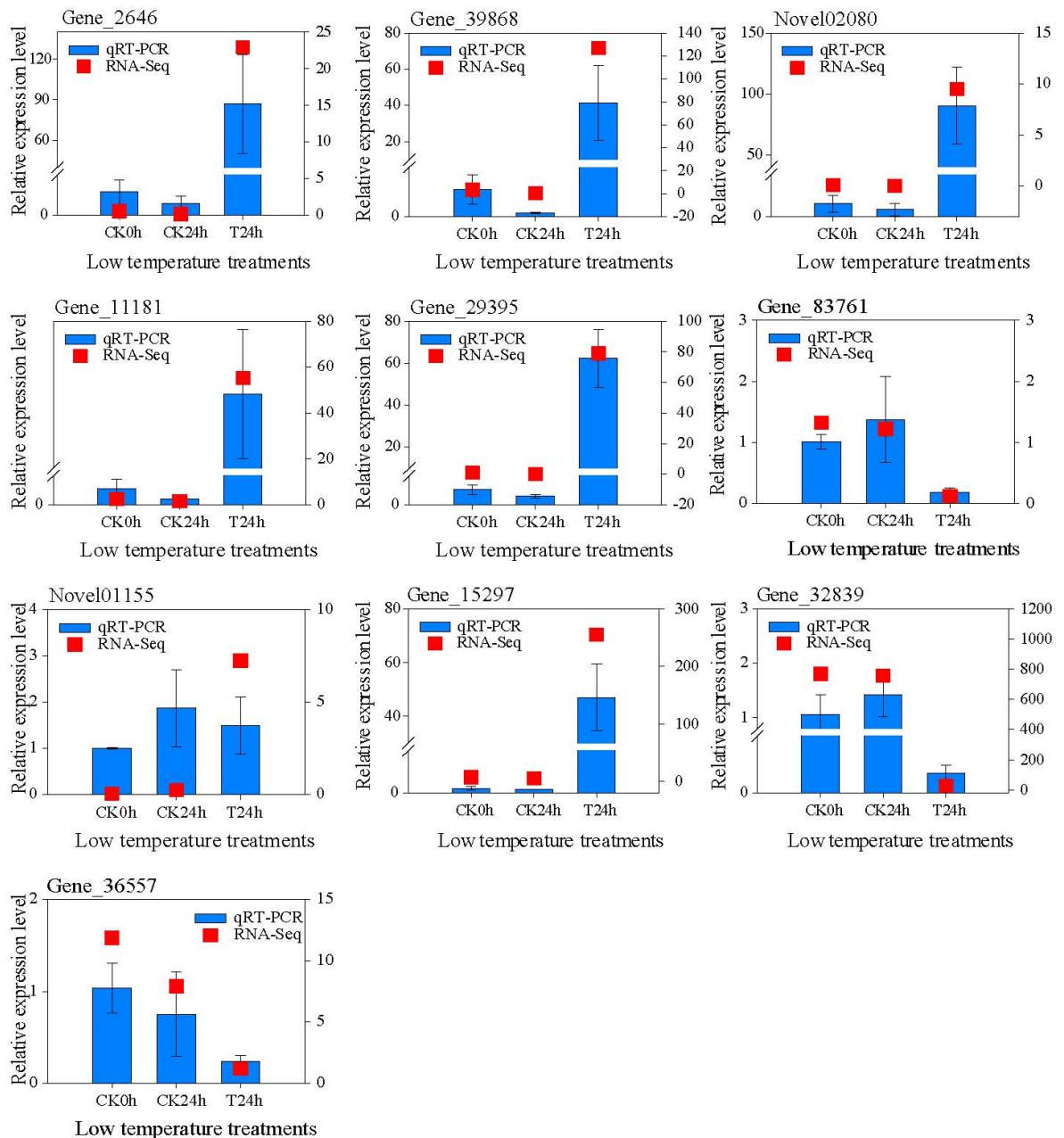


Fig. S1. Validation of RNA-Seq analysis by qRT-PCR.

Table S1. List of primers used for qRT-PCR analysis

Primer name		Primer sequence
Gene_2646	Forward	5'-AGGCAAGGACTAATACTGGCAA-3'
	Reverse	5'-TCTGCAC TCAAC ACTCAACAGA-3'
Gene_27369	Forward	5'-TGGTGGTGAAGGCCATTAT-3'
	Reverse	5'-TCCCCCTTACATCAACGACA-3'
Gene_39868	Forward	5'-AGGTTGGCAGATTAGCGTCA-3'
	Reverse	5'-AGCTAAGAGCGACTCACCAA-3'
Gene_29395	Forward	5'-GGTATTCTCAACGTGTCGGC-3'
	Reverse	5'-TCATCGACTCATCCTCTGCC-3'
Gene_11181	Forward	5'-CCCTTCCCCTTCGAGAGAA-3'
	Reverse	5'-CAATATGGCCTGCCTTGACC-3'
Novel01155	Forward	5'-AGGAGTCTCATTAAACCAACCACT-3'
	Reverse	5'-AATCGCTTGGGTCGCTTAC-3'
Gene_15297	Forward	5'-TCAGAAATGGCTGGAATTGTGG-3'
	Reverse	5'-ACCTAACTCATCCACCACCC-3'
Novel02080	Forward	5'-GAAGTGGACTAAGCACGCTG-3'
	Reverse	5'-AACAGGCTCAATCGACACA-3'
Gene_83761	Forward	5'-ACTCTCCATTCTCCAGTCTCTT-3'
	Reverse	5'-CTAGCTCTGTGGCTCACCT-3'
Gene_32839	Forward	5'-TGCCCTGGCTATTAAGGCT-3'
	Reverse	5'-ATAAACTCTCCCAGTGCCT-3'
Gene_36557	Forward	5'-ACAACAGCTTGATTGGCGT-3'
	Reverse	5'-ATGCCTGAAAAGTGGTTGCC-3'