

# ***B. subtilis* 26D Triggers Induced Systemic Resistance against *Rhopalosiphum padi* L. by Regulating the Expression of Genes *AGO*, *DCL* and microRNA in Bread Spring Wheat**

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**Supplementary Table S1.** Primers used for qPCR

Genes	GenBank Accession number	Sequence (5'-3')	
		Forward Primers	Reverse Primer
<i>TaRLI</i>	AY059462	TTGAGCAACTCATGGACCAG	GCTTTCCAAGGCACAAACAT
<i>TaLOX</i>	AK333416	CGAGAAGATGGTGATGGAGATG	GACACAGCCAAGAGACTAGAA
<i>TaACS1</i>	U35779	GAGGTTGTGAACGAGCTAGAAG	CTCGAAACCCTGCAAGAGATAG
<i>TaPR1</i>	KF196278	ATAACCTCGGCGTCTTCATC	GCTTATTACGGCATTCCTTTT
<i>TaPR2</i>	DQ090946	GCGTGAAGGTGGTGATTT	GTGCCC GTTACACTTGGAT
<i>TaPR3</i>	AB029936	ACCTCCTTGGCGTCAGCT	TCGCACCATTATTCCTT
<i>TaPR6</i>	EU293132	GGGCCCTGCAAGAAGTACTG	ACACGCATAGGCACGATGAC
<i>TaICS</i>	NR175979	TTCTTAGAGCGTGTGGCATAG	CAGTGTGAGGTGGCCTATT
<i>TaNCED</i>	KP099105	CCTGCTGCCTCTTCTGCT	ACCAAGTGCTCTTCCGTCTC
<i>TaWRKY13</i>	EF397614	GAGGAGGAACATGAGCAGAAG	GAACCACCCGAAGTCGAAG
<i>TaPIE1</i>	EF583940	ACACATGCCGACGAATCTAC	CCGAGTTCAAACCCAAATTCAC
<i>TaABI5</i>	KX002271	CGTGAAGTTCTCTGAGGAAGAAG	GTCAGCGCGAAGATGGAATA
<i>TaEIL1</i>	KU03083	GGCTCAACAACCTGGATTTT	CCCTGTCCAAAGAAACCCT

**Supplementary Table S2.** Primers used for qPCR

Genes	GenBank Accession number	Sequence (5'-3')	
		Forward Primers	Reverse Primer
<i>TaRLI</i>	AY059462	TTGAGCAACTCATGGACCAG	GCTTTCCAAGGCACAAACAT
<i>TaAGO1</i>	JQ805149	ATCAGCCTCCAGTTACCTTTG	GCAGTATGTTCCCGCTTCTAT
<i>TaAGO2</i>	KY794780	CTTTCATCGGCTGTTGCTTATG	GAACGAACTCTGACACGGAATA
<i>TaAGO4</i>	JQ805150	CTCCAGGCACTGTTGTAGATAAT	AGTGTGTTGGCCTTGTAGTC
<i>TaAGO5</i>	AK447406	GAGTCACCATCCTGGAACATG	GTAACCTCTCCAGCACTCTAATC
<i>TaDCL2</i>	KY794782	CGAATCGTCGAACTGGAGAAT	ATCCTCGTAGTGGCAAATGG
<i>TaDCL4</i>	KY794783	CTTCACTGGGTGGGAATAGATG	GGTGTGGTTCGTGAGAGATAAA

**Supplementary Table S3.** Primers used for qPCR

Genes	GenBank Accession number	Sequence (5'-3')
RTQAdp		CTCTGACGAGAACTTGACTTCACTATGACT
Ta5S-rRNA	XR_006485435	GGATGCGATCATACCAGCACT
Ta miR156	MF540049	TGACAGAAGAGAGTGAGCACA
Ta miR159b	MF540051	TTGGATTGAAGGGAGCTCTG
Ta miR160	MF540052	TGCCAGGCTCCCTGTATGCCA
Ta miR164	MF540053	TGGAGAAGCAGGGCACGTGCA
Ta miR166a	AK454189	TCGGACCAGGCTTCATTCC
Ta miR393	XM_044543780	TTCCGAAAGGGATCGCATTG
Ta miR396d	XM_044476889	TCCACTGGCTTTCTTGAAGT
Ta miR398	MF540067	GCTAGTGTTCAGGTCGCC
Ta miR408	MF540069	CTGCACTGCCTCTCCCTGGC