

Supplementary Data S2: Analysis of JAZ7 protein sequence alignment

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VqJAZ7 MEFTPNLRKQNNFPSALQESIKMESNKPMNLELPLFPSTA...SSIPTMRGGG...SPQEQQRQQLTIFYNGRICVSDVTELRARAIIL 85
VvJAZ7 MEFTPNLRKQNNFPSALQESIKMESNKPMNLELPLFPSTAHTSSIPTMRGGGGGGSPQEQQRQQLTIFYNGRICVSDVTELRARAIIL 90
Consensusmeftpnlrkqnnfpsalqesikmesnkpmnlelplfpstahtssiptmrggggggspqeqqrqqltifyngrievsdvtelraraiil

VqJAZ7 AASREMEERKRAPLSPSMQSQLCGPSGVSVMKRSLHRFLQKRKNRREAMSPYNH 138
VvJAZ7 AASREMEERKRAPLSPSMQSQLCGPSGVSVMKRSLHRFLQKRKNRREAMSPYNH 143
Consensusaasremeerkraplpsmqsqlcgpsgvsvmkrslhrflqkrknrreamspynh
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Supplementary Data S2: Multiple alignment of amino acid sequences of JAZ7 genes from *V. quinquangularis* and *V. vinifera*.

Supplementary Data S3: Analysis of The ORF sequence of *VqJAZ7* gene

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1  ATGGAGTTTACCCCAATCTAAGAAAGCAAAACAACTTCCCCTCTGCCCTTCAAGAATCA
1  M E F T P N L R K Q N N F P S A L Q E S
61  ATCAAGATGGAGAGTAACAAGCCCATGAATCTGGAACTTCCACTGTTTCCCTCCACTGCT
21  I K M E S N K P M N L E L P L F P S T A
121  TCTTCAATCCCACTATGAGAGGAGGAGGAGGAAGCCCCAAGAGCAACAGCAACGGCAG
41  S S I P T M R G G G G S P Q E Q Q Q R Q
181  CAGCTTACCATCTTCTACAACGGAAGGATTTGCGTTTCCGATGTTACAGAGCTTCGGGCT
61  Q L T I F Y N G R I C V S D V T E L R A
241  AGAGCAATTATACTGGCTGCAAGTAGAGAAATGGAGGAAAGGAAGAGAGCCCCGCTGTCCG
81  R A I I L A A S R E M E E R K R A P L S
301  CCATCTATGCAATCTCAGCTCTGTGGCCCTTCGGGTGTTTCAATGAAGAGATCGCTCCAC
101  P S M Q S Q L C G P S G V S M K R S L H
361  CGGTTCCTTCAGAAGCGAAAGAATAGGAGGGAAGCTATGTCCCCATACAATCATTAA
121  R F L Q K R K N R R E A M S P Y N H *

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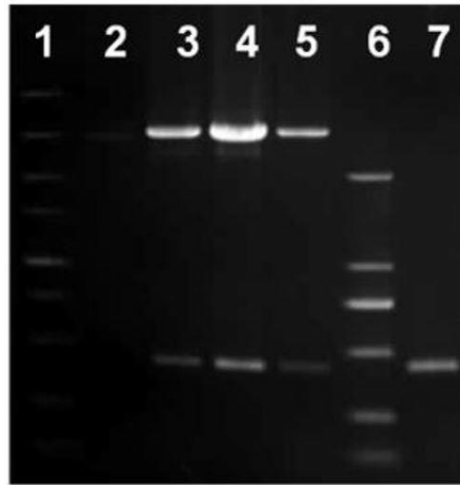
Supplementary Data S3: The ORF sequence of *VqJAZ7* gene in *V. quinquangularis* and its coded amino acid sequence:

Black letters for the nucleotide sequence of ORF, blue letters for the deduced amino acid sequence, red letters for the conserved domain of *VqJAZ7*, the underlined letters for the start and stop codons of ORF.

Supplementary Table S1: Primers used for disease resistance analysis in *A. thaliana*

Genes	Gene Locus ID	Forwards primers	Reverse primers
<i>AtPRI</i>	AT2G14610	AACTACGCTGCGAACACGTG	TCACTTTGGCACATCCGAGTC
<i>AtICS1</i>	AT1G74710	CTTCCGTGACCTTGATCCTTTCT	CAGCGATCTTGCCATTAGGATC
<i>AtPDF1.2</i>	AT5G44420	GAAGCACAGAAGTTGTGCGA	TGTAACAACAACGGGAAAATAAACA
<i>AtLOX3</i>	AT2G35980	TCTCCGTACAACAAGCGTTGG	GCGTCCGTCTAGCGCATTAAAT
<i>AtActin</i>	AT2G37620	AGTGTCTGGATCGGTGGTTC	CCCCAGCTTTTTAAGCCTTT

Supplementary Figure S1: Characterization of the *VqJAZ7* over-expression in *Arabidopsis*



Supplementary Figure S1: Characterization of the *VqJAZ7* over-expression in *A. thaliana* lines:

Double digestion of recombinant pGEM-T/*VqJAZ7* vector, Lane 1: DNA Marker DL5000, Lane 2: recombinant pGEM-T/*VqJAZ7* vector, Lane 3-5: recombinant vector pGEM-T/*VqJAZ7* was digested by XbaI and KpnI, Lane 6: DNA Marker DL2000, Lane 7: ORF of *VqJAZ7* gene.