

Supplementary Materials: A Jacalin-Related Lectin Regulated the Formation of Aerial Mycelium and Fruiting Body in *Flammulina velutipes*

Yuan-Ping Lu, Ren-Liang Chen, Ying Long, Xiao Li, Yu-Ji Jiang and Bao-Gui Xie

Table S1. Primers used in this study.

Primer	Nucleotide Sequence (5'–3')
<i>gapdh</i> -F	CCTCTGCTCACTTGAAGGGT
<i>gapdh</i> -R	GCGTTGGAGATGACTTTGAA
<i>Fv-JRL1</i> -F	GCCAGCCTTCTCGGTAGC
<i>Fv-JRL1</i> -R	CGTAGACACGGTCGCCAG
<i>Fv-JRL1</i> -F- <i>SpeI</i>	GG <u>ACTAGT</u> CCTAAACTCTCCATTACTCTCAGC
<i>Fv-JRL1</i> -R- <i>ApaI</i>	GAGGGCC <u>CC</u> CATGATTTAGGCAAGCAAAATAG
<i>Fv-JRL1</i> -S-F	TCTACACACAACAACCTTATCGCTATCCCCAAAACAACATCGG
<i>Fv-JRL1</i> -S-R	GGATTACAGACCCTTCAACGACTGGTGTGAGTATGGCGTTAGG
<i>Fv-JRL1</i> -A-F	CATGCCAATTCTAGAGGGCCGCTATCCCCAAAACAACATCGG
<i>Fv-JRL1</i> -A-R	CCTAACGCCATACTCAACACCAGTCGTTGAAGGGTCTGTAATCC
Hpt-F	CTATTCCTTTGCCCTCGG
Hpt-R	ATGAAAAAGCCTGAACTCACC
GBT-F	CCCAGGCTTTACACTTTAT

Restriction sites are underlined.

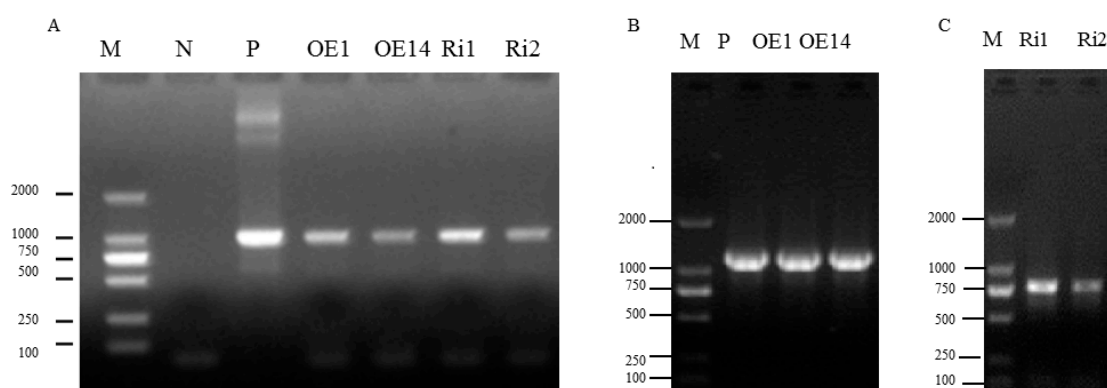


Figure S1. The identification of *Fv-JRL1* putative transformants using PCR. M: Marker DL2000; P: plasmid *pBHg-Fv-JRL-OE*; N: wild-type strain H1123. **(A)** Presence of the hygromycin B resistance gene (*hpt*) in transformants. Primers Hpt-F and Hpt-R were adapted; **(B)** Presence of *Pgpd* and the full-length *Fv-JRL1* gene. PCR with specific primers of *Pgpd* and the full-length *Fv-JRL1* gene was carried out with GBT-F and *Fv-JRL1*-R; **(C)** Presence of *Pgpd* and a 376 bp fragment cloned in forward orientations in the silencing cassette. PCR with specific primers GBT-F and *Fv-JRL1*-S-R was performed with RNAi transformant genomic DNA.