

**Supplementary Table 4.** Constructs and primers used in this study.

**Gene identities**

Pv18	Plvit221r1_S0028g11635
Pv31	Plvit221r1_S0259g32900
Pv33	Plvit221r1_S0046g15019
Pv82	Plvit221r1_S0028g11682

**Constructs**

18 $\Delta$ sp	35S:Pv18 $\Delta$ 1-19
31 $\Delta$ sp	35S:Pv31 $\Delta$ 1-23
33 $\Delta$ sp	35S:Pv33 $\Delta$ 1-23
82 $\Delta$ sp	35S:Pv82 $\Delta$ 1-22
33FL	35S:Pv33
33 $\Delta$ sp-GFP	35S:Pv33 $\Delta$ 1-23-GFP
33FL-GFP	35S:Pv33-GFP
33 $\Delta$ sp-GFP-NES	35S:Pv33 $\Delta$ 1-23-GFP-NES
33 $\Delta$ sp-GFP-nes	35S Pv33 $\Delta$ 1-23-GFP-nes

**Primers for cloning in binary plasmids (restriction sites underlined)**

PvRXL18sp	5' GCCAAAT <u>CTAGA</u> ATGTCTACGAATGCGACTGC
PvRXL18R	5' TAGAAG <u>CCCGGG</u> CTATGCTGGTGC GG TGGT
PvRXL31sp	5' GCACCCT <u>CTAGA</u> ATGACAAGTCTGAGTGCC
PvRXL31R	5' ACAACAC <u>CCCGGG</u> TCACATTACAAAATCCTC
PvRXL33F	5' TCATT <u>CTAGA</u> ATGCGCATTTCGCTACTTG
PvRXL33sp	5' GCACCCTCTAGAATGACAAGGACGAATCTTCG
PvRXL33R	5' CTCTT <u>GCCCGGG</u> TCACATTTGAAAATTCGC
PvRXL33gfF	5' TCATT <u>CTCGAC</u> ATGCGCATTTCGCTACTTG
PvRXL33gfsp	5' GCACCC <u>GTCGAC</u> ATGACAAGGACGAATCTTCG
PvRXL33gfR	5' CTCTT <u>GCTAGAC</u> ATTTGAAAATTCGCTC
PvRXL82sp	5' GCAAAAT <u>CTAGA</u> ATGTCTGCGAATGCGACAGCA
PvRXL82R	5' ACTAGT <u>CCCGGG</u> CTACAACCTCTTGCCAG
GFP-F	5' GACTAGT <u>CTAGA</u> ATGAGTAAAGG
GFPNES	5' GCAAAC <u>cccggg</u> CTACTTGTTAATATCAAGTCCAGCCAACCTTAAGAGCAAGCTCGTTtttgatagttcatccatg
GFPnes	5' GCAAAC <u>cccggg</u> CTACTTGTTAGCATCTGCTCCAGCTGCCTTAAGAGCAAGCTCGTTtttgatagttcatccatg

**Primers for *V. vinifera* HSR and Actin for RT-PCR**

VvACT-F	5' GTGCCAATTTATGAAGGTTATGC
VvACT-R	5' CCCTCTCAGTTAGAATCTTCATCAG
VvHSR-F	5' GGACTACCGACATGCACCTG
VvHSR-R	5' CCTGGACAATTCTGCCATCT