

Table S1. Primers used in this study

Primer Name	Sequence (5'-3')
Amp-F	ATGGATGATAAACTAGATTTAAGCAC
Amp-R	TTATTTATTGTTTTTGTTTTTTTAAC
1355CF	GCAAAAGCACTTGCAGGAGAG
1355CR	GCTTGTC TTGCTTTTATGTCGG
qOsEF1a-F	ACATTGCCGTCAAGTTTGCTG
qOsEF1a-R	ACATTGCCGTCAAGTTTGCTG
Actin-F	CATCAGGGTGTTCATGGTGGG
Actin-R	GGTCTCAAACATGATCTGGGTCA
qAmp-F	CCAGCTTCTGCATCTACTTTGC
qAmp-R	GTAGTGGTTGCTGATAATAAAGTAAC
NusA-F	GCATTTCTGGCGAACGTACCA
NusA-R	CAACTTGAAGGAATGAAGCAGG
pGADT7-Amp-F	<u>GCCATGGAGGCCAGTGAATTC</u> GATGATAAACTAGATTTAAGCAC
pGADT7-Amp-R	<u>ACGATTCATCTGCAGCTCGAGTTATTTATTGTTTTTGTTTTTTTA</u> AC
pGBKT7-Actin(<i>R.d</i>)-F	<u>ATGGCCATGGAGGCCGAATTC</u> ATGTGTGACGACGAAGTAGC
pGBKT7-Actin(<i>R.d</i>)-R	<u>CCGCTGCAGGTCGACGGATCCCTTAGAAGCAATTCCTGTGCAC</u>
pGBKT7-Actin(<i>N.c</i>)-F	<u>ATGGCCATGGAGGCCGAATTC</u> ATGTGTGACGACGAAGTTGCT
pGBKT7-Actin(<i>N.c</i>)-R	<u>CCGCTGCAGGTCGACGGATCCCTTAGAAGCACTTCCTGTGCAC</u>
pGBKT7-Actin(<i>N.l</i>)-F	<u>ATGGCCATGGAGGCCGAATTC</u> ATGTGTGACGAAGAAGTAGCC
pGBKT7-Actin(<i>N.l</i>)-R	<u>CCGCTGCAGGTCGACGGATCCCTTAGAAGCACTTCCTGTGGAC</u>
pMBP-Amp-F	<u>TATCGGAATTAATTCGGATCCG</u> GATGATAAACTAGATTTAAGCA C
pMBP-Amp-R	<u>GTGGTGGTGGTGGTGCTCGAGTTATTTATTGTTTTTGTTTTTTT</u> AAC

pGEXT-Actin(<i>R.d</i>)-F	<u>CCGCGTGGATCCCCGGAATTC</u> ATGTGTGACGACGACGTA
pGEXT-Actin(<i>R.d</i>)-R	<u>GTCACGATGCGGCCGCTCGAGT</u> TAGAAGCATTTCCTGTGGAC
pGEXT-Actin(<i>N.c</i>)-F	<u>CCGCGTGGATCCCCGGAATTC</u> ATGTGTGACGACGAAGTTGCT
pGEXT-Actin(<i>N.c</i>)-R	<u>GTCACGATGCGGCCGCTCGAGT</u> TAGAAGCACTTCCTGTGCAC
pEF28a(+)-Amp-F	<u>CAGCAAATGGGTCGCGGATCCGAT</u> GATAAACTAGATTTA
pEF28a(+)-Amp-R	<u>GCAAGCTTGTCGACGGAGCTCGAT</u> GTTTTGTACCAAGGTGTTT
qOsPR1-F	CAGGTGGTGTGGAGCAACTC
qOsPR1-R	GTACGTAGTCCTCCTGCAGC
qOsNPR1-F	TGGACAGGTTATCACCATTGGT
qOsNPR1-R	CCGCAGCTTCCATTCCTATG
qOsPAD4-F	GCCAGCTCCCCTACGACTTC
qOsPAD4-R	CGTGTGCGGTGTAGGTTGTT
qOsACS2-F	CACCCCGAGGCAYCCAT
qOsACS2-R	ATTGGCGATCCTCTTGAAGTG
seq-T7-F	TAATACGACTCACTATAGGGC
seq-M13-F	GTTGTAAAACGACGGCCAG
seq-GST-F	GGGCTGGCAAGCCACGTTTGGTG
seq-pMBP-F	ACTGATGAAGGTCTGGAAGCGG
PP2A-F	GACCCTGATGTTGATGTTTCGCT
PP2A-R	GAGGGATTTGAAGAGAGATTTC
PVX-Amp-F	<u>TCAGCACCAGCTAGCATCGATATGGATGATAAACTAG</u> ATTTAAGCAC
PVX-Amp-R	<u>AACCGTTCATCGGCGGTCGACTT</u> ATTATTGTTTTTGT TTTTTTAAC
qPVX-CP-F	AAGCCTGAGCACAAATTCGC
qPVX-CP-R	GCTTCAGACGGTGGCCG

qAtRBOHD-F	CTCATTGCCATGCTTCAGTC
qAtRBOHD-R	GTACATAACGAGATTAACGGTCG
qAtCAT2-F	TCAAGGAAGAAGGAGCTTTCA
qAtCAT2-R	CATCATGTGGATCTTCTGTGC
qAtEF1 α -F	CAGGCTGATTGTGCTGTTCTTA
qAtEF1 α -R	GTTGTATCCGACCTTCTTCAGG
qAtPEN3-F	GTTGAATGAGCTTGCGAGG
qAtPEN3-R	TCAGTGACGAGACTGTTCT

Notes: Homologous sequences are underlined.