

Supplementary Table S1. Primer sequences used in the functional study of LvHSSP genes

Name	Sequence (5'-3')
cDNA cloning	
LvHSSP-F	GGGAGTGTGTTTGTGGCACTG
LvHSSP-R	TCACTTGCCAGTCACAATCTG
RT-PCR and qPCR	
18S-qF	TATACGCTAGTGGAGCTGGAA
18S-qR	GGGGAGGTAGTGACGAAAAAT
LvHSSP-qF	GGCATCTAAGTTGGGCTAAG
LvHSSP-qR	CTCCGCAAAGGTTATGTTTT
VP28-qF	AAACCTCCGCATTCCTGTGA
VP28-qR	TCCGCATCTTCTTCCTTCAT
RNAi	
LvHSSP-dsF	<u>TAATACGACTCACTATAGGGGCTTCACTGGGCTCTGAAG</u>
LvHSSP-dsR	<u>TAATACGACTCACTATAGGGCTTGCCAGTCACAATCTGTTTA</u>
EGFP-dsF	<u>TAATACGACTCACTATAGGGCAGTGCTTCAGCCGCTACCC</u>
EGFP-dsR	<u>TAATACGACTCACTATAGGGAGTTCACCTTGATGCCGTTCTT</u>
Protein expression	
LvHSSP-pMAL-His-F	TCACATATGTCCATGGCTTCACTGGGCTCTGAAG
LvHSSP-pMAL-His-R	TACCTGCAGGGAATTCTCAGTGATGATGATGATGCTTGCCAGTCACAATCTGTTTA
Mutant construction	
HSSP ^{WT} -GFP-F	CTTGGTACCGAGCTCGGATCCATGACGCGTGTGATGTTCC
HSSP ^{WT} -GFP-R	GCCCTTGCTCACCATGGATCCCTTGCCAGTCACAATCTGTTTA
HSSP ^{SPmut} -GFP-F1	GCGGTGGTCGCTGCTTTCGCCATCTGTGCCGAGTGGGCTT
HSSP ^{SPmut} -GFP-F2	ATGACGCGTGTGATGTTTCCTGGCGGTGGTCG
GFP ^{mut} -F	AGGAAGCTTGGTACCGAGCTCGGATCCATTGTTAGCAAGG
GFP ^{mut} -R	TGCTGGATATCTGCAGAATTCCACTTGTACAGCTCGTCCATG
ORF-GFP ^{mut} -F	CTTGGTACCGAGCTCGGATCCATGACGCGTGTGATGTTCC
ORF-GFP ^{mut} -R	GCCCTTGCTAACAATGGATCCCTTGCCAGTCACAATCTGTTTA
5'&ORF-GFP ^{mut} -F	CTTGGTACCGAGCTCGGATCCGGGAGTATGCTTGTGGCGCTG
5'&ORF-GFP ^{mut} -R	GCCCTTGCTAACAATGGATCCCTTGCCAGTCACAATCTGTTTA
5'&ORF ^{mut} -GFP ^{mut} -F	GCAGCCATTACGCGTGTGATGTTTCCTG
5'&ORF ^{mut} -GFP ^{mut} -R	ACGCGTAATGGCTGCGTTGCTTCAGAA
Co-Immunoprecipitation	
pDHsp70-HSSP ^{WSP} -F	CTTGGTACCGAGCTCGGATCCATGGCTTCACTGGGCTCTGAAG
pDHsp70-HSSP ^{WSP} -R	TGCTGGATATCTGCAGAATTCCACTTGCCAGTCACAATCTGTTTA
pDHsp70-VP19-F	CTTGGTACCGAGCTCGGATCCATGGCCACCACGACTAAC
pDHsp70-VP19-R	TGCTGGATATCTGCAGAATTCCACTGCCTCCTCTTGGGGTA
pDHsp70-VP24-F	CTTGGTACCGAGCTCGGATCCATGCACATGTGGGGGGT

pDHsp70-VP24-R	TGCTGGATATCTGCAGAATTCCATTTTTCCCCAACCTTAAACAG
pDHsp70-VP26-F	CTTGGTACCGAGCTCGGATCCATGGAATTGGCAACCTA
pDHsp70-VP26-R	TGCTGGATATCTGCAGAATCCACTTCTTCTTGATTTCGTCCT
pDHsp70-VP28-F	CTTGGTACCGAGCTCGGATCCATGGATCTTTCTTTCACTCTT
pDHsp70-VP28-R	TGCTGGATATCTGCAGAATCCACTCGGTCTCAGTGCCAG
