

Supplementary Data 6. Primers used for qPCR, protein expression, dsRNA synthesis and yeast two-hybrid assay.

Primers for qPCR

cSP4	GGCAAACAGTTCAACCCAG	CCCATCCAGTTATTGTAAGCG
cSP6	GCAGAGTGGGCAACAAGAT	CCAGCGGTCAGGACGTATT
cSP8	TCCCTTGGATGGCGTTGT	CCACGTCTTGTTCGGTGTG
cSP29	CGTGCTGCCAGATGATAT	CTTGCTGACGAGTGCTTAG
serpin-5	CTGTGTACCCAGCTTTCAGAG	CTCGATGTAGGTGTTAGCGAT
serpin-9	CGCCTCAGACACCTCGCT	CAGCGTGTCTCCAAGAAGAT
rpS3	ACGGAGTTTTCAAGCGGAA	GACTGCTCCGGGATGTTGAA

Primers for protein expression in the *E. coli* expression system

cSP4	GCATGACTGGTGGACAGGAAGATGTTGGCGAGAGCTGTAT	CTAGTTATTGCTCAGCGG TTAAGCGTTGGGCCACACGAC
cSP6	GCATGACTGGTGGACAGCAAAATCTTGCCAGACGC	CTAGTTATTGCTCAGCGGTTAAGGAACAATAGTGGTCCT
cSP8	GCATGACTGGTGGACAGCAAAAGCAGCTGCGTCACACC	CTAGTTATTGCTCAGCGGTCAGACATTCGTGTTTTGTAGCG
cSP29	GCATGACTGGTGGACAGGCTAGTGTAGTGAAGATGATT	CTAGTTATTGCTCAGCGGCTAGAAGCGCGCTTCTG
serpin-5	GCATGACTGGTGGACAGCAAGTGGATTTCTATGAACG	CTAGTTATTGCTCAGCGGTCATATACAGTAGGTTAG
serpin-9	CGAATTCGAGCTCCGTCACTGCGACTTGAAGACGG	GTGGTGGTGGTGGTGGTTAGAAGTCACTGGGCTTAGAAT
PPO1	CTAGTTATTGCTCAGCGGTCGGACGCCAAGAAGAACCTG	CTAGTTATTGCTCAGCGGCCCGCCTCTGCTGCCTCGGTC
PPO2	CTAGTTATTGCTCAGCGGGCCGACGAAGAACAAT	CTAGTTATTGCTCAGCGGTTAGTTGGTTCTTGGGTTCC

Primers for protein expression in the *Drosophila* expression system

cSP4	CCGGAATTCGAAGATGTTGGCGAGAGCTGTATG	CTAGTCTAGAAGCGTTGGGCCACACG
cSP6	CCGGAATTCAAAAATCTTGCCAGACG	CTAGTCTAGAAGGAACAATAGTGGTCCTAATCCAGTCCAG
cSP4_{xa1}	CCGGAATTCGAAGATGTTGGCGAGAGCTGTATG	GCTGCCTCACCTCCCAAGATCCGGCCTTCTATAGGAGGTATACTTGATTG
cSP4_{xa2}	CAATCAAGTATACCTCCTATAGAAGGCCGGATCTTGGGAGGTGAGGCAGC	CTAGTCTAGAAGCGTTGGGCCACACGACGCTCTCGATCCAGTC
cSP6_{xa1}	CCGGAATTCAAAAATCTTGCCAGACGCCAGC	CGCTGTACCTCCCACGATCCGGCCTTCTATTCTGCTGTCCAAACCAC
cSP6_{xa2}	CTGTGGTTTGGACAGCAGAATAGAAGGCCGGATCGTGGGAGGTACAGCG	CTAGTCTAGAAGGAACAATAGTGGTCCTAATCCAGTCCAGATATTCGTATACTTTGCTG

Primers for yeast-two hybrid analyses

cSP4	CGTACCAGATTACGCTCATATG GAAGATGTTGGCGAGAGCTGTAT	GATTCATCTGCAGCTCGAGC TTAAGCGTTGGGCCACACGAC
cSP6	CGTACCAGATTACGCTCATATG CAAAATCTTGCCAGACGC	GATTCATCTGCAGCTCGAGC TTAAGGAACAATAGTGGTCCT
cSP8	CGTACCAGATTACGCTCATATG GCTAGTGTTAGTGAAGATGATT	GATTCATCTGCAGCTCGAGC CTAGAAGCGCGCTTCTG
serpin-5	ATCTCAGAGGAGGACCTGCATATG CAAGTGGATTTCTATGAACG	CGCTGCAGGTCGACGGAT TCAATATACAGTAGGTTAG
serpin-9	ATCTCAGAGGAGGACCTGCATATG CAGTGGACTTGAAGACGG	CGCTGCAGGTCGACGGAT TTAGAAGTCACTGGGCTTAGAAT

Primers for dsRNA synthesis

Primers used for amplification
contains T7 sequence at 5'

(TAATACGACTCACTATAGGG)

T7-cSP4	GATGTTGGCGAGAGCTGTAT	GGTGAAGTGTAGAGGTCTCT
T7-cSP6	AGCGACAACAGTAGACCAAT	GGCATCTGTCCTGGCTAAC
T7-cSP8	CCAATGTGGAGGTGTTCTGAT	CCTTCAGGTCTTCGCTTCAT
T7-cSP29	GCCGAGACTAGAGGTTGTG	CCTGACAAGCGTCCTTTC
T7-serpin-5	AGCCCGCATCGCTAACAC	TAGAAACGGCAGACGCCAC
T7-serpin-9	TCAGACACCTCGCTCCAGG	CCACTGTCCTTGGTCGATG
T7-GFP	CACAAGTTCAGCGTGTCCG	GTTACACCTTGATGCCGTTT
