

Table S1. Primers sequences used for gateway cloning and *in situ* hybridization

Primer name	Tetur gene model identifier or NCBI accession number	Forward Primer (5'-3')	Reverse Primer (5'-3')
Te28-AttB	KT182959	GGGGACAAGTTTGTACAAAAAAGCAGGCTT AATGGGTTCAATTGAACAAGCGAAGCTTCCT	GGGGACCACTTTGTACAAGAAAGCTGGGTATTAATAATGT TCAGTTTCTGGTTCAA
Tu28-AttB	tetur31g01040	GGGGACAAGTTTGTACAAAAAAGCAGGCTT AATGAGTTCAATTGAACAAGCGA	GGGGACCACTTTGTACAAGAAAGCTGGGTATTAGCCTTG TGCTGTAGC
Te84-AttB	KT182961	GGGGACAAGTTTGTACAAAAAAGCAGGCTT AATGAAATCAAACAGTGAGCTCTTGGATCA	GGGGACCACTTTGTACAAGAAAGCTGGGTATTAAGTGA TTGTTCCGGCATCTTCAA
Tu84-AttB	tetur01g01000	GGGGACAAGTTTGTACAAAAAAGCAGGCTT AATGTCATCAAACAGCGAGCTCTTGGACAA	GGGGACCACTTTGTACAAGAAAGCTGGGTATTAGGCTGA TTTTTCAACATCTGCTA
Tu19-AttB	tetur05g09110	GGGGACAAGTTTGTACAAAAAAGCAGGCTT AATGGATGAGATCGCTAACTCT	GGGGACCACTTTGTACAAGAAAGCTGGGTATTATGCTTT GATATTATCG
Te19-AttB	KT182960	GGGGACAAGTTTGTACAAAAAAGCAGGCTT AATGGACGAGATCGCTAACTCC	GGGGACCACTTTGTACAAGAAAGCTGGGTATTATTGTTTG ATATTATC
Tu90-AttB	tetur05g04560	GGGGACAAGTTTGTACAAAAAAGCAGGCTT AATGAATGATAAATGCGGAGTTCCCAA	GGGGACCACTTTGTACAAGAAAGCTGGGTACTAGTTGAA CTTAAATTTGATATTAC
Tu128-AttB	tetur01g00940	GGGGACAAGTTTGTACAAAAAAGCAGGCTT AATGGCATCAAATGAATTTGAACGACGTCTT	GGGGACCACTTTGTACAAGAAAGCTGGGTATTAATTTGAT TTATCTTGAGCGGTATGTA
Te128-AttB	KT182962	GGGGACAAGTTTGTACAAAAAAGCAGGCTT AATGGACTTCAAACAGCGTCTATCAAATTT	GGGGACCACTTTGTACAAGAAAGCTGGGTATTAATTTGAA GTCTTTTCTTGAGCTTTAT
Te84-insitu	KT182961	AAATCTGGATTCCGGTGGTTTAG	GTGAGCATGGCTACTCTTAGCA
Te28-insitu	KT182959	CGAAGCTGCCAAACAAAAC	GAATTTTCACCATTGTTTCGATTG

Table S2. *Nicotiana benthamiana* primer sequences used for qPCR in this study

Target gene	Forward Primer (5'-3')	Reverse Primer (5'-3')	Primer efficiency	References
<i>NbPR1</i>	CCTTCATTTCTTCTTGCTC	AGGTTACAATCTGCAGCCAA	1.84	Yoon et al., 2009
<i>NbPR4</i>	GGCCAAGATTCCTGTGGTAGAT	CACTGTTGTTTGAGTTCCTGTTCT	1.82	Maimbo et al., 2010
<i>NbTPI</i>	ACTTTCGAATGCGATCCAAG	TCAACCACTTTGCTGCCATA	1.80	Yoon et al., 2010
<i>NbActin</i>	CGGAATCCACGAGACTACATAC	GGGAAGCCAAGATAGAGC	1.82	Maimbo et al., 2010

Table S3. *Tetranychus urticae* and *Tetranychus evansi* primer sequences used for RT-PCR and/or qPCR in this study

Target gene	Forward Primer (5'-3')	Reverse Primer (5'-3')	Primer efficiency	Reference
Te28	GCTAAGCACAAACGCTGAAGA	ATTGGCTGGAACTGATTGG	1.90	This study
Tu28	CGGAAACAAGAACTCATCTGC	TGTCCAGTGGCAATATCAGC	1.88	This study
Te84	AACAAATGATTGGTGGCCTTG	TTCGAACAATTTACCGGATGC	1.95	This study
Tu84	GGTGGTGCTTTCAATTCGT	ATGGCATTGTCAAGGAATGG	1.90	This study
Tu18s	GGCTCACAGAGGTCTTCGTCCT	ACAGTTCGTCTCTTCTGCCAGT	1.90	This study
Tu14	CTCACATTGCTGGTGTGCT	TGCTGATCACAGAGAGCTTGA	1.87	This study
Tu16	GCTCGCCCTAAATATGCTGA	TCGTCCAGTCAACGATTCAA	1.90	This study
Tu18	CCTGACTTCGACATGAGCAA	GATCTTTGGGGAACCAGGAT	1.86	This study
Tu19	CATGAAGTGATGTCGATGG	TGGAGGTTCAACAGACCACA	1.93	This study
Tu23	CTCGATCTACCGCATTTGGA	GGCATTTCGGGTTTCATTGTTA	1.88	This study
Tu29	ACTCGAATGCAGTTGAGGAAA	TCCATTCTGTGCTCGATACG	1.93	This study
Tu31	GCATTGGTTTTGCCTATGGT	CAGCGATTTTACCACCAACA	1.93	This study
Tu32	AATTGGAGCGGTTTCTGATG	AATCCATGCTTTCCCATTTGA	1.88	This study
Tu33	TTGATGGACGCTTATATTGGTG	TTGTCGTCCCTGTAAAACCTTCA	1.92	This study
Tu43	CCATTGGTTGCTTCGTTTTT	TTTGTTTGTCCAACGCTTCA	1.91	This study
Tu57	TGCTGAATCTGGTGGTATCG	CGCGGTTCCATTTATCTTTG	1.90	This study
Tu58	CAAAGCCTTTTCCTCGTCAA	AGACGATGTTGCACATTCAAA	1.94	This study
Tu65	CCGCCATCACTGTTGAAGAA	GGTTTGTGGCATGGAGGTTT	1.87	This study
Tu80	TGGCACGAAAACCAAAGAGA	TTTTGTGTTGATGGGCTTGG	1.89	This study
Tu90	TGATGGTCAACAATGTAAGTGA	TGTTGCCATTGAAACCAAAA	1.88	This study
Tu128	AGCAGCTGATGCTTTGGACA	CATCGTCTTTTTCACGGTCA	1.88	This study