

Table S1. Primers used to detect transcript levels by qPCR in *Blattella germanica* tissues and to prepare the dsRNA for RNAi experiments on *Scr*. Gene abbreviations: *ap-a* (*apterous a*), *bs* (*blistered*), *ct* (*cut*), *DI* (*delta*), *dpp* (*decapentaplegic*), *Egfr* (*epidermal growth factor receptor*), *en* (*engrailed*), *N* (*notch*), *nub* (*nubbin*), *rho* (*rhomboid*), *salm* (*spalt*), *Scr* (*sex combs reduced*), *Ser* (*serrate*), *sd* (*scalloped*), *Ubx* (*ultrabithorax*), *vg* (*vestigial*) and *wg* (*wingless*).

Primer set	Forward primer (5'-3')	Reverse primer (5'-3')	Reference sequence
RNAi			
<i>Scr</i>	CTCAGCAAGTCCCTGGTCAT	AATCGGGGGACTACTCCTTG	LT216430
qRT-PCR			
<i>actin-5c</i>	AGCTTCCTGATGGTCAGGTGA	TGTCGGCAATTCCAGGGTACATGGT	AJ862721
<i>ap-a</i>	CGGACTACCTGGATGTTCCG	TGGTTGATGGCGAAGTACGA	LT216431
<i>bs</i>	GACGGAGCTCACGTACAACA	CCAGCGGTCTTACTTTCTGC	HF912428.1
<i>ct</i>	AAATATGTGCTCGGCCTGTC	TGCATCTTGCGGTAAGTCTGTC	HF969266.1
<i>DI</i>	CCACTACAAGTGTTCCGCAA	TACCTCTCGCATTTCGTCACA	HF969256.1
<i>dpp</i>	TGCCCAAAGCTTGTTGTGTG	ACAGCATGGAGATGGAGGTGA	HE965018.1
<i>Egfr</i>	CCAGGTACGCAATGATGAAA	ATAGGAGTGCGAGGTGGAGA	HF912429.1
<i>en</i>	TCTACTGCACCCGCTACTCC	GAACTCGTGCTTCAGTCGTG	LT216432
<i>N</i>	GCTAAGAGGCTGTTGGATGC	TGCCAGTGTTGTCTGAGAG	HF969255.1
<i>nub</i>	CGTCACCAGAAGAAACAACAGA	CGAGATTGTGGTCTGTGAGAAA	LT216433
<i>rho</i>	TGTCCACCACCCTATTTCAT	CCCATCGCCACTGTGTAGTA	HF912427.1
<i>salm</i>	AACTTCTCATCCTCGTCGGC	GGCTCCGTTGCTCCACATAT	LT216434
<i>Scr</i>	TGGATGAAGAGGGTGCATCT	CTCAATCCTCCGTCTTCTGG	LT216430
<i>sd</i>	GCCCACAGAGTGCTTTCTTC	CCCCTGCCTCATCTTGAATA	HF969263.1
<i>Ser</i>	TCCTCTTGGCAGTGCATTTG	CTTGATCACAGAGGATGCCG	HG515375.1
<i>Ubx</i>	AAGAGGTCGCCAGACGTACA	TTGGAACCAAATTTGATCTGTC	LT216435
<i>vg</i>	AACTGTGTGGTGTTCACACTACT	AAGGAGGGAAGTTGCGAGC	LN901335
<i>wg</i>	CTTGCAGGTGAAGACATGC	TCGAAGCGGTCTTTGAGGTT	HE965017.1