

**Table S1. Templates and products of rapid amplification of cDNA ends (RACEs)**

<i>Episyrphus</i> homologue	Template*	Primer pair <sup>†</sup>	GenBank <sup>‡</sup>
<i>Eba-hb</i> (P1)	SMART 5' & 3' cDNA (e: 0-5 hours)	GATACACCGACGAGTGTGACTTCC/10xUPM ne: AGCCCTGGTGGAGTAAGTGGATTA/NUP GGGAATATTAATTCTGTAAACGGAGA/ AGTATGTACAATTTTGGACAACAGTATTTT GCACAAGAATTTAAAGCCATTCCA/10xUPM ne: CTATGTTGAACTCCCACCGGAAG/NUP	FJ387229
<i>Eba-hb</i> (P2)	SMART 5' cDNA (e: 0-5 hours)	GATACACCGACGAGTGTGACTTCC/10xUPM ne: AGCCCTGGTGGAGTAAGTGGATTA/NUP	FJ387228
<i>Eba-hb</i> (P3)	SMART 5' cDNA (e: 0-5 hours)	CCGACGAGTGTGACTTCCGGTGGGAGTTCAAC/UPM ne: GATACACCGACGAGTGTGACTTCC/NUP	FJ387227
<i>Eba-nos</i>	SMART 5' & 3' cDNA (e: 0-6 hours)	ACCGTATGTGCGTTATCACCAGTC/10xUPM ne: CGCTTTGCAGATCGGACAGATGTA/NUP CTGTTGTCAAGAGCCATAATGTCCG/10xUPM ne: TGTCCTGACATACACGACAAGGT/NUP	FJ387226
<i>Eba-cad</i>	SMART 5' (e: 0-5 hours) & Marathon cDNA (a)	GGATGGTTATGTAGCGGGAGGTG/10xUPM GCACCTCCCGCTACATAACCATCC/AP1	FJ387230
<i>Eba-otd</i>	SMART 5' & 3' cDNA (e: 0-5 hours)	CATCTAATTGCGCTCGTGTGAATG/10xUPM CATTACACGAGCGCAATTAGATG/10xUPM	FJ387225

\*Origin of the tissue for mRNA isolation: adult females (a) and embryos (e). Age of embryos in hours at 25°C.

<sup>†</sup>Primer sequences in 5'-3' direction. ne, nested RACE; AP1/AP2, adaptor primers of Marathon Kit; 10xUPM/NUP, adaptor primers of SMART RACE Kit.

<sup>‡</sup>GenBank Accession Number.