

Sequences of PCR primers used in nested RT-PCR reactions to detect transcripts of honeybee nAChR subunits and splice variants. All primers shown 5'→3'.

	First PCR reaction		Second PCR reaction	
	forward	reverse	forward	reverse
Amel α 1	atggcgacggccatttcc	ctcgacggaaatgtagtag	atttctgtcttgtgccc	tggtcacctcgtagttgc
Amel α 2	aagcttctctgatgaggg	aggaaggaattgttctgg	gcgcataagatgcacgga	gcctcgagagaatgatg
Amel α 3S	ttatactccgctgagtgg	aacgaatgccttcgatagc	tgcgtaaccgtggtagtc	gtcccgcgaatcgagac
Amel α 3L	ttatactccgctgagtgg	aacgaatgccttcgatagc	tgcgtaaccgtggtagtc	gtcccgcgaatcgagac
Amel α 3trunc	ggcgttgatctgtccgag	ggccactaaatgaacgttc	ttatactccgctgagtgg	gctgcttggcatagactc
Amel α 4Ex4	gcaacttcgaggtgacct	ctattgtggcggacagtta	acgaaggccaccatctac	caccgccgtggttccga
Amel α 4Ex4'	actacgaggtgacgctga	ctattgtggcggacagtta	aaggccacggtctactatt	caccgccgtggttccga
Amel α 4 Δ Ex4	aacgttgctgtatggttc	ttagatcgacttgttagag	ggttcacggtgctgtcg	ttagatcgacttgttagag
Amel α 5	tacttccatgcatactcatc	aacaaagtactcgaattccg	agtgtgccctgttggtta	atcgccattttcttatctc
Amel α 6Ex8a	caatggaacgagtcgag	ggacagcgtccgaggtg	tgcggatgagggtttcg	tcggcatactttctgcaa
Amel α 6Ex8b	caatggaacgagtcgag	tatagcgtcggagacctg	tgcggatgagggtttcg	gggcagggtctcggcga
Amel α 7	atgagatggaatgtgtcaga	tccttatcacttggctgtg	gagtgagagacctcagga	acgaagtatacaaggcagc
Amel α 7trunc	atgagatggaatgtgtcaga	ttaaacgcatggcaaacgg	gagtgagagacctcagga	atggcagaagaagaacgg
Amel α 8	gaaacaagaagctggtagc	ttagaagtcgcgcatcc	ccatgttgacagaacctc	ccatggtgacatattatgtg
Amel α 9	tggcagaattcggcaagc	aatccaatatggcacctcg	acgacaatgaattcggattc	ggacaaggcaagcgaatc
Amel β 1	tatttgctcgaggtcgg	gccgctcttccaatagtc	atctccgccgtttctgc	acacttggctgccgttg
Amel β 2	aaactgtatctgttctgca	gcttgtcaacataagcgag	acgacaggacattattcc	tgcggctagggcaagag

Sequences of PCR primers used in nested RT-PCR reactions to amplify potentially RNA-edited regions. All primers shown 5'→3'.

	First PCR reaction		Second PCR reaction	
	forward	reverse	forward	reverse
Amel α 5 cDNA	tacttccatgcatactcatc	aacaagttactcgaattccg	agtgtcgccctgttgga	atcgccattttctatctc
Amel α 6 Genomic DNA	gaaacattcgtgtgaaacga	aagggaaatggcgcatag	agaaacgataggaataatgag	gaattcgggaccagtaaag
Amel α 6 cDNA	cccgtcgccaatgagag	ttggacgattatgtgtggc	tgcggatgagggttcg	ggtccttctacggatctg
Amel α 8 cDNA	gaaacaagaagctggtagc	ttagaagtcgcggcatcc	ccatgtgcacagaacctc	ccatggtgacatattatgtg
Amel β 1 cDNA	tattgctcgaggctcgg	gccgctctccaatagtc	atctccgccgtttctgc	acacttggtcgccgttg