

***D. melanogaster* RT-PCR primers and results**

RT-PCR product ^a	5' sequencing read ^b	3' sequencing read ^b	5' RT-PCR primer sequence	3' RT-PCR primer sequence
AT11392-RA-1	Positive	Positive	AAGCCTTCGACAAGGACTCTCGCTTC	CACCAATCAGAGTTATCCAGAGATT
AT11392-RA-2	Negative	Negative	AATCTCTGGATAACTCTGATTGGTG	AAATAAAGGGTATCTGATAATCGGG
AT22150-RA-1	Negative	Negative	GTCTTTGTGGAGTGGATACTCTTGT	AATACCAACCATCTTACACTTGGA
AT24650-RA-1	Positive	Positive	ACCAGAAAGAGTGAAGACTTGT	TCCACTTTTATATGTGCAAGTGTG
AT24650-RA-2	Positive	Positive	CTGATATGCTGCTAGTTATCTGCG	CTACATAGCCATAACCCTGAATACG
AT31442-RA-1	Positive	Positive	GAATTAATGTGGGTCAAATTCAG ^c	CGTAGTGAATAGCTCGGTTGTAAT
GH03576-RA-1	Positive	Positive	CAATGTTTTGTGAGTGTGTTGAAAG	AAGCTGAGCAAACCAATAAAGTG
GH06385-RA-1	Positive	Positive	GAATTAATGTGGGTCAAATTCAG	TAGTTGGGACAAAAAGTTGGTTGT
GH14469-RA-1	Positive	Positive	TATGGTAACTAAAAGATGTCCGGAT	GTTTTAGTCAGAAACATCAGTTTT
GH14469-RA-2	Positive	No data	GATGTTTCTGACTGAAAACCCGAC	GATATCAGACGTCCTATCTAACGA
GH14469-RA-3	Positive	Positive	CTCTGACAGAAACCCCTACGTAAGAA	TTTTACGTCACCTTTTCTGGC
GM01028-RA-1	Positive	Positive	TTTATTGGTTAGGTATTGTTCC	GATTATCCACCCCTACCTGATTCTT
GM01206-RA-1	Negative	Negative	GATAGAACAGAGCAAAACAGAAAGC	TGTGTGTTCCCTAATGTTTGCTTA
GM07702-RA-1	Negative	Negative	CCAACAACAATAATGTAATGAAA	GGTACATTTAACACCTATTTGCACC
GM12657-RA-1	Negative	Negative	AAAATCTTTCACTGACAGGAAGTTG	CGTTTGTAAATCGCTTAATGTTTT
GM24362-RA-1	Positive	Positive	GACTGCAGGAAATTTAAAAACAAA	AAATGTTATCTGCCAAGTTTTCAA
LD23922-RA-1	Positive	Positive	ATTGAACCTGCTAACGGAAAACTTTA	ATCTCTACTCTCCTTTCTGCCGATT
LD23922-RA-2	Positive	Positive	AATACGGCAGAAAGGAGATAGAGAT	TTCTTGGATTCTTGGTATTCTCAG
LD23922-RA-3	Positive	Positive	CTGAGAATACCAAGAAATCCAAGAA	TCTTCAATCAAATTCGAGTTACCAT
LD23922-RA-4	Negative	Negative	TGGTAACTCGAATTTGATTGAAGAT	ATTTGGCGTAGTTGCACCTAATTTAT
LD23922-RA-5	Positive	Positive	ATCCTGCAGACATTTATCAAGACAT	TTTTTTTCGATTATTTGTGGCAT
LD38553-RA-1	Positive	Positive	TTAAACAATAACCCAGGAAGTGAAG	AACAAGTTCTGTGTTTGTGTGAAA
LP03188-RA-1	Positive	Positive	CCATCAAAAACATCATCTTTGGATAC	GATGGAGCCTTAGCTCTTAGTTCTT
LP06491-RA-1	Different splice	Different splice	TGGAATGGATAACTCAAAGTTGTT	TATATGCTGATCGGTTTCCCTCAAT
LP11739-RA-1	Positive	Positive	GAAGAGGCCACAACAATACTAA	CTGCTGTTTGCTTAAAGTCTTTTT
LP11739-RA-2	Positive	Positive	GAAAAAGACTTAAAGCAAACAGCAG	ACTCGAGCAAATGTCATTTAAAAAG
RE28911-RA-1	Positive	Positive	GCTTTCACCAGTTAATAGCACAAA	GGAAACATTTTACAAATACGGCATAG
RE28911-RA-2	Positive	Positive	CTCTACCTCATCTATGCCGTTTGT	TCATTCAATTTGATTGATTGATTT
RE28911-RA-3	Positive	Positive	CTACGCGTTTTAAGATGTTTAGCATT	GGTTACCCATCAAAGTGCTCAT
RE28911-RA-4	Positive	Positive	GATCAGGATGAGCACTTTGATG	ACATTGATTGCTGATGTTGTTCTTA
RE45760-RA-1	Positive	Positive	GTACTCAGATATTTAGCGGAAATGC	GAGCTGGATTTGTTATACGCTACAT
RE54004-RA-1	Positive	Positive	TGTTTTGTTTTAATCCCAATAA	TTTTTTAAGCGTTTGTGTTAGCC
RE63504-RA-1	Positive	Positive	GACCAGAAGGAAAATGAGAGCTAAG	GACCAGAAGGAAAATGAGAGCTAAG
RE63504-RA-2	Positive	Positive	GTATGCGTAGGTTGAAGCGTAAG	GTATGCGTAGGTTGAAGCGTAAG
RE65113-RA-1	Positive	Positive	ATAACAATAATGAATCAGTGGCGT	GTTACAGTTGTTCTGTTGTTTATT
RE66017-RA-1	Positive, different splice	Positive, different splice	AGTTAACCCCAAATAAGGAAACAT	GCAGCTATTGAATAAATCTATCGGA
RH09485-RA-1	Positive	Positive	GCTAATTAATCTTTGTTCCGCATTA	TACTTAGGATACAGAAGCCACATC
RH45340-RA-1	Positive	Positive	AAGACCGATAGACCTCGATAGACTC	CATTGAAGATTTTCGACAGGC
RH45340-RA-2	Positive	Positive	CTGTCGAAAATCTTCAATGGC	TCAAGGCTTTCACACTACACATAAAA
RH57193-RA-1	Positive	Positive	GAGCAGAGTAGTCTAGAGGAGCAGA	GCAGTTAGCAGTGAGAAAATCACATA
RH57193-RA-2	Negative	Negative	TATGTGATTTCTCACTGCTAACTGC	TAAACATTTGGATTATGGATCTGGT
RH57193-RA-3	Positive	Positive	ACCAGATCCATAATCCAATGTTTA	ACAACCTGGAGAGAGACCAGCTACTA
RH62830-RA-1	Positive	Positive	GTTCTTTGAGTTCTCGACTTTATCG	GATGAAAATACGCTTTATTGGATCAC
SD04448-RA-1	Positive	Positive	AGGAAATTAATCAGAGAAAAGGGAA	TTCTTAACCGCTAGGTGTAACAAAC
SD10988-RA-1	Positive	Positive	GCAACAGAAGCACTCAAAGAAAAT	CTAATTAATCAATTTAGACCCCGT
SD25037-RA-1	Negative	Negative	AGCATGGAATTTTTCACTCAATAC	ATCCCTTAGATTTCTTACACCAAC

^a RT-PCR products are named by cDNA identifier followed by a number corresponding to the predicted intron at issue where introns are numbered ascendingly, 5' to 3'.

^b RT-PCR products were sequenced using the same oligonucleotides which primed the PCR. "Positive" indicates that sequence of the RT-PCR product represents a splice junction predicted by the cDNA sequence. "Negative" indicates that a PCR representing the exon boundary in question was not amplified under the conditions we applied. "Different splice" indicates that a spliced transcript related to the curated cDNA was amplified, but that its sequence revealed a different splice junction than represented by the original cDNA.

^c Unlike other primers designed for this study, this oligonucleotide necessarily spans a predicted exon boundary due to a short exon.