

Annotation	Forward primer	Temperature	Reverse primer	Temperature
ORCo	TACGACGGCTCCGAGGAA	58.2	TTACTTCAGCTGTACCAACACCAT	59.3
SlitOR1	ATGGACTCGAATGTAGATAAGA	54.7	TTACTTTTCATTGACATTAAGTAGAAGAG	58.2
SlitOR3	ATGGATGAAGCTTTTCTCGCG	57.9	AAACGGACATCACGAGTGAAAGA	59.3
SlitOR4		57.9	ATAGACTGCATAGTGCTCGCG	59.8
SlitOR5	TGACGAACCAAAGGACTTGG	57.9	TGTTGAAACAAGTCAGTTAGGGCA	59.3
SlitOR6	ATGGGTTTAAAAAGTTTCTTTTTG	57.9	TCAAATGCTGCGTAGGAAGGT	53.1
SlitOR7	ATGCCCAAACCACTGTTATTTGAC	59.3	TTATCTTCCGTACACAGTCTGCAG	61
SlitOR8	CTGATGCTCTGCCACTTCTAGTT	60.6	GCAAAATGATTTGGTTTCCATAA	53.5
SlitOR9	AGATTATCGTGGTGATAGCGAGAC	61	CGAAGTACGACCAGGCTGTAC	61.8
SlitOR10	ATGGAGGCAGAAAAACACG	55.9	TTATTCTGTGTTCAACCTGTTCA	57.1
SlitOR11	TCGAGACCAACTTCAAGGGC	59.4	GTACATCTCGCTGCCGATCA	59.4
SlitOR12	ATGGAAGAAGAACCTCTGTAA	54.7	TTATGGAGGCGAACCATACAA	55.9
SlitOR13	ATCATGTGGGTGATCGACGG	59.4	AGTTGATCACCAGGCTGTGG	59.4
SlitOR14	TAGGTCTGGGATGGTGGC	58.2	TAAGCTGCCTTCATGATAGCTAGA	59.3
SlitOR15	CATTTGGCCCGGACTCAA	56	TAGAGGAAACATCTTCAACCCTGA	59.3
SlitOR16	ATGTACATAAAAATAGTGCGGTCA	56.4	TCACATGCTTCGTAAGAAGG	55.3
SlitOR17	ATGTCGGTGTGTGCCGG	57.6	TTATTTAGTTTCCGCTAGAACTGCA	58.1
SlitOR18	ATGGAATGAAATCAGATATTCTGA	54.8	TCAAGCNGTAATCAAAGTGAAGA	56.2
SlitOR20	AAATAACATTTGCGGTGTACGACT	57.6	CGCCGTAAGTAGCAAGTGATAG	61
SlitOR19	AAGAATTTCTTAATCGGCTCCGG	59.3	CAGTTGATCCGAGAGGGCAAT	59.8
SlitOR21	CCACGACAGGTCTGTGCTTA	59.4	TCTTGAAGTGTGCTGACG	57.3
SlitOR22	GAAGGCATCCTTTGATTTGACAG	61	GAATATGAAGAGCTCATGCACGAG	61
SlitOR23	CTGCACCACCAGAGCATGTA	59.4	CAGAAGTAGCAGGGCACGAA	59.4
SlitOR24	ATGAGGTCTTAAGCCATGTGT	58.4	TCATTCGTGGCTCATCGTTAGA	58.4
SlitOR25	AGCTTTCTGTTCTGGCGTA	57.3	ATGATGGTAGACCGCACTCC	59.4
SlitOR26	ATGTCTCTGCTGCGGGC	58.2	GGCGCAGTACTGCGTAGA	58.2
SlitOR27	GAAAACCAAATTGGCGTTTCTGTC	59.3	TCCGCATTACGGCAAAGG	56
SlitOR28	ATGACGTCTCTTATAGAAAATTTTCTTC	58.6	TTAATTAACACTTTTCTTTGAAGAAGTT	57.2
SlitOR29	GAGCTTAGAAGATCCAGCGCG	61.8	TGAAGGTCGGCAGAGTAAGGT	59.8
SlitOR30	CGATTAAACCGATCACATCCGTCT	61	AGCTCAGGATCGCGTAGGATT	59.8
SlitOR31	ATGGAAGATAATGTAGCATACTCTACCTT	61	CTAGCGATTCAAGAACGTAAACAATGTG	62.2
SlitOR32	ATGGTCTCCTCAGAAGACCTTTTT	59.3	GCAACAAAAGTTTGTGCGGAC	57.9
SlitOR33	CACCATGTTTCATCACCAGCG	59.4	CAGGGTCTTGACACCACGG	61.4
SlitOR34	TTCCTATGCTGCTGTCCAGATTTT	61	CGAGAATGTCAAGTGTCAAAGGC	62.7
SlitOR35	TGGTTCGTGTTCTGTGAGGAG	59.4	CGATCTCGTAGTTGGGGCTC	61.4
SlitOR36	AGTTTGGTTTGGAGTACTGTGACC	61	GGAATAATGCCTCTGAAGACGGA	61
SlitOR37	AAGCATTTGCGTAATACCTGTGCT	59.3	AAGCATTTGCGTAATACCTGTGCT	59.3
SlitOR38	ATGGCTGACCAATTCGAGAAACT	59.3	AGATAGTGTAGGCCTGCTGAAACA	61
SlitOR39	GGTTTGGAGTATTGTGAGCTACCG	62.7	GCTGTCAGGGTCATAGTCTTCTGT	62.7
SlitOR40	TGCAGGAATGGCAGATTCAGT	57.9	CGACCAAGTTGTGCTCAGTAC	59.8

Annotation	Forward primer	Temperature	Reverse primer	Temperature
SlitOR41	ACCACCTTCCACGAGACCTA	59.4	CAGGTCCACGAACTGGAACA	59.4
SlitOR42	GCCAAGAAGGACGACACCAT	59.4	TGCTCAGGTAGAACACGTCG	59.4
SlitOR43	ATGGTGCTCTCCGACTAGAA	59.8	TCGTTGAGAACTGCGAAGATGGAA	61
SlitOR44	GCGACCAATCAGTCAGC	58.2	TACGAAGCTTTGATGATTGCCATG	59.3
SlitOR45	ATGTCGGACAAATGTTTCGATTGGA	59.3	CTGGCCCGTAAGATCGCAATA	59.8
SlitOR46	TGGCAACAATAGTGTGTGGTTTGT	59.3	GGTGGAACTTCTGGCAGC	58.2
SlitOR47	ACAATAGAACAAGCGAAACGGGAA	59.3	GAAGTACGAGTACGACCTCGT	59.8
SlitOR48	ACAACACCGCCTACATCTGG	59.4	TCAGCAGCATCTCTTGGTG	59.4
SlitOR49	GAAGGGCGAGTTCTTCGTGT	59.4	GTGGCCTCGTAGAACACCTT	59.4
SlitOR50	CACCGTGTTCCTGTTGAGA	59.4	TGATGCTGGGCCACTTGTAG	59.4
SlitOR51	GATGTTCAAAAATATTCTCCAGAAATTGG	59.6	TTCATTTGAGACTGACTCAGCAGC	61
SlitOR52	TATGGAAAATATCCCCATACAAAGATT	59.6	TTTGCACAAACGTGGGAAGTCAGA	61
SlitOR53	GGACAGGATCAAGGAGTGCC	61.4	TGTACTGGAACACCCACAGC	59.4
SlitOR54	ATGGGACCTCTATACAGTATCCAGGTG	65	TGCCACTACAGCCAAGGTTTCG	61.8
SlitOR55	ATGATGGAGACGCTCCGAAGG	61.8	GCCAACTCCTAGAATAACAAATTCTAAAG	61
SlitOR56	GATGGGTTAAGAAACTTTCTTTTGGAAA	59.9	AATGTGAAGTAAGACAATGAAGTTCTCA	59.3
SlitOR57	GGTGACCGACGAGAACAAGA	59.4	CTGGTCCAGTCGCAGTTGTA	59.4
SlitOR58	ATGCGAGGGATGGAATGTTTG	57.9	TTCTTTCTTTCCCAACACAGCGTA	59.3
SlitOR59	GAGTCTTCAGTGACGATAGCGTC	62.7	TGGAATGCCTTCACAGAGCCT	59.8
SlitOR60	AAATGTCCGAACAACAATAACGCCGT	61.9	GTTTCGTAAGTGAAGACCGCAAACA	61
SlitOR70	ATGGAGGTTCTTAAAGACTTCCCCGAA	63.4	GAGAGAGCCAAGCTCTGATATAAATGT	61.9
>gi 600074 emb Z46873.1 Spodoptera littoralis mRNA for partial beta-actin	GTACGTCGCCATCCAGGC	60.5	CGTGGGGCAGAGCGTAAC	60.5
>gi 288226776 gb FJ979921.1 Spodoptera littoralis 60S ribosomal protein L13a mRNA, complete cds	CAAGTCAGTCAAGCTTATGGCCTA	61	CATAGGATTGGATCACTGCGG	59.8
>gi 805487969 gb KP682697.1 Spodoptera littoralis voucher SPCAM0144 elongation factor 1a gene, partial cds	GCTGGTACTCCAAGAACAAC	59.8	ACTTGCAGGCAATGTGGG	56
SlitOR40 (qPCR)	TGCAGGAATGGCAGATTCAGT	57.9	CGACCAAGTTGTGCTCAGTAC	59.8
SlitORCo (qPCR)	TACGACGGCTCCGAGGAA	58.2	TTACTTCAGCTGTACCAACACCAT	59.3
SlitOR40 (Genotyping)	TCGAACCGATATTACCATGTCTG	58.9	ACTTTAGTCTCTCAGTAACGT	56.5