**Additional file S1: Oligonucleotides used in this study.**

|  |  |
| --- | --- |
| **primer name (\_locus tag ID)** | **sequence (5' to 3')** |
| Clo1313\_0135-f | TTAAGAAGGAGATATACATATGGCCTATCTGGATAATGAGCTGT |
| Clo1313\_0135-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTTCTTGTTTGCAGGGAAGTCT |
| Clo1313\_0177-f | GATCGAGCTCGAAGGCAATTTACTTTTCAACC |
| Clo1313\_0177-r | GATCCTCGAGACGTTTTAAAGGCAATTCATCTA |
| Clo1313\_0349-f | GATCGAGCTCGCACCACCTGCGACTTTTAC |
| Clo1313\_0349-r | GATCCTCGAGAAAAGACGTTATTATGCCAAGAA |
| Clo1313\_0350-f | GATCGGATCCGAGCCAAAATTTAACTATGTAGA |
| Clo1313\_0350-r | GATCCTCGAGCTGCTCTACGGGGAACTTAT |
| Clo1313\_0399-f | TTAAGAAGGAGATATACATATGCTTTCTGACGGGGATAAGTATG |
| Clo1313\_0399-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGCTGTTGTTCAACGGGAAAACTC |
| Clo1313\_0400-f | GATCGGATCCGAATACAATTATGCAAAGGCGC |
| Clo1313\_0400-r | GATCCTCGAGTATAGGGAGAGACGGTATGC |
| Clo1313\_0413-f | GATCGGATCCAATACCGGTTCAACAGCTACG |
| Clo1313\_0413-r | GATCCTCGAGGGTGGTGTGCGGCAGTTTG |
| Clo1313\_0420-f | TTAAGAAGGAGATATACATATGAATGGCGGAAAATTGGGAGACA |
| Clo1313\_0420-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGATTAACGGGCATTTCAAAAGAT |
| Clo1313\_0500-f | TTAAGAAGGAGATATACATATGGTCAATGCGGATATAATAGTTG |
| Clo1313\_0500-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTACAGGCAATTGTGTAATTGTT |
| Clo1313\_0501-f | TTAAGAAGGAGATATACATATGACCGTGTCACCTTTGGATAGAC |
| Clo1313\_0501-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGATTTCTCCTTATTTCGAGTTTA |
| Clo1313\_0521-f | GATCCATATGGTGGTAATTACGTCAAACCAG |
| Clo1313\_0521-r | GATCCTCGAGCGGTACAGAGTTATACATTCTT |
| Clo1313\_0563-f | TTAAGAAGGAGATATACATATGGAAACGGCAACAATCAACTTGT |
| Clo1313\_0563-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTGATTCTACAGGAAATTTATCA |
| Clo1313\_0685-f | TTAAGAAGGAGATATACATATGGAGAGCGTACTGCAAGACAGGA |
| Clo1313\_0685-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTTTTCAACAGGAAATATATCT |
| Clo1313\_0689-f | TTAAGAAGGAGATATACATATGGACATAGGAGACCATGGCACAC |
| Clo1313\_0689-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTGATTTCCGACAGGTAGATGA |
| Clo1313\_0693-f | TTAAGAAGGAGATATACATATGTTGCGTATCAGTGCAGCCCCGA |
| Clo1313\_0693-r | GGTGGTGGTGGTGGTGCTCGAGATTGGTTTTCAAATACTTCGCA |
| Clo1313\_0849-f | TTAAGAAGGAGATATACATATGGCGGCTCCAACTTTTGCAAAGG |
| Clo1313\_0849-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTTTACAGGAAGTGATGGTATG |
| Clo1313\_0851-f | TTAAGAAGGAGATATACATATGACCAGCGTGCCTTACAAATGGG |
| Clo1313\_0851-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTTTTTCGGCAGCTCCGGAATG |
| Clo1313\_0851-f | TTAAGAAGGAGATATACATATGGATGACATTTATCCGGGACTTA |
| Clo1313\_0851-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTGGTGTCACTATTCTCGTATCC |
| Clo1313\_0987-f | TTTAAGAAGGAGATATACATATGTATCCGATTTTCTCACAGCGT |
| Clo1313\_0987-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTATCGGGAAATTTTCTATTTCC |
| Clo1313\_1305-f | TTAAGAAGGAGATATACATATGTATGAAGTGGTTCATGACACTT |
| Clo1313\_1305-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTCATGGAAGAAATATGGAAGT |
| Clo1313\_1396-f | GATCGGATCCGAGACCAAAGTGTCAGCTGC |
| Clo1313\_1396-r | GATCCTCGAGTATTGGTAATTTCTCGATTACCC |
| Clo1313\_1424-f | TTAAGAAGGAGATATACATATGCCGGCTGCGTCAAAAACGATAA |
| Clo1313\_1424-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGATTTCTAAGAAGTATTCTCTTT |
| Clo1313\_1425-f | TGAAGACAATCCGGGCATTTTGTATAACGGAAGAT |
| Clo1313\_1425-r | CTCAGTGGTGGTGGTGGTGGTGCTCGAGCCATCCAAGCTTGTTTTTTATTTCCGC |
| Clo1313\_1425-f | GATCGGATCCTCACCGGTAAAAGGCTTTCAG |
| Clo1313\_1425-r | GATCCTCGAGGCCCGGATTGTCTTCATCAG |
| Clo1313\_1477-f | GATCGGATCCACTACATTCAACTACGGAGAAG |
| Clo1313\_1477-r | GATCCTCGAGAGGTGCGTAAGGCAGTTTGC |
| Clo1313\_1494-f | TTAAGAAGGAGATATACATATGGAGCCACCACCGATATATGGCG |
| Clo1313\_1494-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGCCATCCTGGGCCGCCTGGGAAC |
| Clo1313\_1563-f | TTAAGAAGGAGATATACATATGGAAGGGGTTATAGTCAACGGAA |
| Clo1313\_1563-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGCAAATCCACTTCCATAAGCAAG |
| Clo1313\_1564-f | TTAAGAAGGAGATATACATATGCCACCGGGTGCTAAGGTACCTC |
| Clo1313\_1564-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGAAGCGGATAATTTCTCAATATCA |
| Clo1313\_1587-f | TTAAGAAGGAGATATACATATGGAAATAAACGGTGAAGTTATTG |
| Clo1313\_1587-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGACTCTTTTCGGCAGGAAACTTA |
| Clo1313\_1603-f | GATCAAGCTTTGCTGACGGCATTTATTCTTCC |
| Clo1313\_1603-r | GATCCTCGAGTACCGGAAATTTATCTATTATACGG |
| Clo1313\_1604-f | AAGAAGGAGATATACATATGACAGTTGCTCCTGAAGGCTACAGG |
| Clo1313\_1604-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGCCAGTCAATAGCATCTACATAG |
| Clo1313\_1659-f | GATCGGATCCGACTATAACTATGGAGAAGCAC |
| Clo1313\_1659-r | GATCCTCGAGTGAATTTCCGGGTATGGTTGG |
| Clo1313\_1694-f | GATCGAGCTCGATTTCAACTATGGTGAGGCA |
| Clo1313\_1694-r | GATCCTCGAGCTGTTCAGCCGGGAATTTTTC |
| Clo1313\_1701-f | GATCGGATCCGAAGGGTCATATGCTGATTTG |
| Clo1313\_1701-r | GATCCTCGAGTTTATACGGCAACTCACTTATG |
| Clo1313\_1783-f | TTAAGAAGGAGATATACATATGGTGGCTAATACTGCAGATACAA |
| Clo1313\_1783-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTTCAAGTAGCTTAAATCAATC |
| Clo1313\_1786-f | TTAAGAAGGAGATATACATATGAATAAGGCAGTTATTGGAGATG |
| Clo1313\_1786-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGGTAATAAATCTCCCATGGATTG |
| Clo1313\_1788-f | GATCGAGCTCAATGTGGAATACAACTATGCAAA |
| Clo1313\_1788-r | GATCCTCGAGTTTTATCGGAATAACCTCGATTG |
| Clo1313\_1808-f | GATCGAGCTCGAAGATAATTCTTCGACTTTGC |
| Clo1313\_1808-r | GATCCTCGAGTCGATATGGCAATTCTTCTATG |
| Clo1313\_1816-f | GATCGGATCCGATCCGAACAATGACGACTG |
| Clo1313\_1816-r | GATCCTCGAGTATTGGTATTTTAAGCACTTTCC |
| Clo1313\_1955-f | GATCGGATCCGATTATGCCACCGCATTAAAAT |
| Clo1313\_1955-r | GATCCTCGAGATTTATGATGTTTCCATAGATATC |
| Clo1313\_1959-f | TTAAGAAGGAGATATACATATGGACGACTCTCTTCCGACAAAAA |
| Clo1313\_1959-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGATCATCAACAGGTATATTGTCA |
| Clo1313\_1960-f | AGCGGCAGGTGAGCTCTTTAA |
| Clo1313\_1960-r | GTAGGTGGTCGACGCTCTTTAT |
| Clo1313\_1971-f | TTAAGAAGGAGATATACATATGGACGGTAAAAATGTGGTTTTAG |
| Clo1313\_1971-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTTTCTTTCAAATACTTTTACG |
| Clo1313\_1983-f | TTTAAGAAGGAGATATACATATGGGACCGGCTTCAACCAAGTAT |
| Clo1313\_1983-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGCGGCACAAGGTAAATATTTGGC |
| Clo1313\_1990-f | TTAAGAAGGAGATATACATATGGCGAGCCAGACCCTTTTTATTA |
| Clo1313\_1990-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGCTTCAACTGTACCGGGAACTTA |
| Clo1313\_2022-f | TTAAGAAGGAGATATACATATGGCCGCAACTGTGGTAAATACGC |
| Clo1313\_2022-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGAAGTGACGGAATTGCCCGTATCA |
| Clo1313\_2042-f | TTAAGAAGGAGATATACATATGAATTGGTACACTTATTACGAGT |
| Clo1313\_2042-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGATTAATCAACTCACCTT |
| Clo1313\_2043-f | TTAAGAAGGAGATATACATATGGGAAACTGGAAAACTTATTACG |
| Clo1313\_2043-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGATTAATCAACCCGCCGTCACAT |
| Clo1313\_2122-f | TTAAGAAGGAGATATACATATGGATGTACCATTTTCCGGCAAAT |
| Clo1313\_2122-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGATCTATACGATAATCGCCAATC |
| Clo1313\_2188-f | TTAAGAAGGAGATATACATATGTCCAGACCTGAGGGCTGGACGG |
| Clo1313\_2188-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTAAGGATGGAATGGCTTTTGCA |
| Clo1313\_2189-f | GATCGAGCTCTCTTCGCCTCGTTACGGCG |
| Clo1313\_2189-r | GATCCTCGAGTATAGGTAACGAACCAATTAACT |
| Clo1313\_2202-f | TTAAGAAGGAGATATACATATGTATTCCCTTCCTGTGGACGTTG |
| Clo1313\_2202-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGCTTTTGTGTAACGGGAAATTTT |
| Clo1313\_2216-f | TTAAGAAGGAGATATACATATGAACCCGATAACAAAAGCAAAAT |
| Clo1313\_2216-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGCAGTTGGCTGCCCCAAATTGTG |
| Clo1313\_2234-f | GATCGGATCCTACAACAGTGGTTTAAAAATCGG |
| Clo1313\_2234-r | GATCCTCGAGTATGGGTATTTCACTGATGGC |
| Clo1313\_2479-f | TTAAGAAGGAGATATACATATGAATGCTTTTGAAGATCCATTTG |
| Clo1313\_2479-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGATAGCGGGAAGGTAATGCGTTA |
| Clo1313\_2530-f | TTAAGAAGGAGATATACATATGGCTCTGATTTACGATGATTTTG |
| Clo1313\_2530-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGAAGTTCTCTCAGAACGAGTTTT |
| Clo1313\_2564-f | TTAAGAAGGAGATATACATATGACATTATACGGTGACTTAAATG |
| Clo1313\_2564-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTTCCAACCTTTTGGAATATCA |
| Clo1313\_2635-f | GATCGGATCCTCCTTGCCAACCATGCCGC |
| Clo1313\_2635-r | GATCCTCGAGATAGCCCATAAGAGCTTCCTT |
| Clo1313\_2693-f | TTAAGAAGGAGATATACATATGGATGGTGGACAGCTTATTATCT |
| Clo1313\_2693-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTGCGGAAAAGCATCAATAATT |
| Clo1313\_2793-f | TTAAGAAGGAGATATACATATGGGGGAAATTTGTTATGGTGCCA |
| Clo1313\_2793-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGGTTAGTTTCTGCCGGGAATGCT |
| Clo1313\_2794-f | TTAAGAAGGAGATATACATATGTCAACGGGTGCCGATGGTGCTA |
| Clo1313\_2794-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTGTCTGATTTACCCAGGGCGGT |
| Clo1313\_2795-f | TTAAGAAGGAGATATACATATGGCAACAACAATTACCATAGACC |
| Clo1313\_2795-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGAACCGGGAAAGAATCTATGCTG |
| Clo1313\_2805-f | GATCGGATCCGACACTTCTGAAGAACCCGC |
| Clo1313\_2805-r | GATCCTCGAGTTCATTTTGGTTTTCTTCCACC |
| Clo1313\_2843-f | TTAAGAAGGAGATATACATATGCCAAGCTTTGAACTGGTTGGAT |
| Clo1313\_2843-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTTTAAATATTGCATTGTCAAGT |
| Clo1313\_2856-f | TTAAGAAGGAGATATACATATGCCGCAACGTGGCCGGCCGCGTC |
| Clo1313\_2856-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGTAAAGTAGTTATGACACGGAGT |
| Clo1313\_2858-f | TTAAGAAGGAGATATACATATGTCGCTGCCAACTATGCCGCCGT |
| Clo1313\_2858-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGAAAATTCGTTACAAACCGAAGT |
| Clo1313\_2859-f | TTAAGAAGGAGATATACATATGACTACATGGAATGAAAATATTG |
| Clo1313\_2859-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGAAAAGTAGGTATAATTTGAAGC |
| Clo1313\_2860-f | TTAAGAAGGAGATATACATATGAATCCGATAGTACAAACAATCT |
| Clo1313\_2860-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGATTTTGAGGAAAATCCGATATA |
| Clo1313\_2861-f | TTAAGAAGGAGATATACATATGATGAACAGCCAGGTATGGATAA |
| Clo1313\_2861-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGAGACCGAGCATAATCATCAAAA |
| Clo1313\_2944-f | TTAAGAAGGAGATATACATATGCATCAATGCAGTGTGACGGTAA |
| Clo1313\_2944-r | TCAGTGGTGGTGGTGGTGGTGCTCGAGGCTTTGCGGACATACCGGGAAA |
| Clo1313\_3023-f | GATCGAGCTCGCCGAACCGGAATATAATTTTG |
| Clo1313\_3023-r | GATCCTCGAGCTTTACGGGCAGTTTTTCTATT |
| Cthe\_0071-f | GATCGGATCCCTGATAATCACAATCAAAAACAG |
| Cthe\_0071-r | GATCAAGCTTGCCTACGGTGTTATTACCTG |
| Q60026\_THEBR-f | AAGAAGGAGATATACATATGGCAAAATTTCCAAGAGATTTCG |
| Q60026\_THEBR-r | CTCGAGTGCGGCCGCAAGATCTTCGATACCATCATCCAAT |
| TT\_P0042-f | GATCGAATTCATGACCGAGAACGCCGAAAA |
| TT\_P0042-r | GATCAAGCTTGGTCTGGGCCCGCGCG |
|  |  |
|  |  |