|  |  |
| --- | --- |
| **Name** | **Sequence\*** |
| Primers to mutate *SSU1* promoter  |  |
| DNA Fragment 1 Forward | ggtaccCTTGAAACCAAGAGGAAAATC  |
| DNA Fragment 2 Reverse | CATccaaatcggtggTAGC |
| Motif 1 Fragment 1 Reverse | **TAA**T**A**TCTCTCTCCTCT**G**TT**CT**T**A**TAAGTTTGTTTTCACGGGTATA |
| Motif 1 Fragment 2 Forward | **T**A**AG**AA**C**AGAGGAGAGAGA**T**A**TTA**TTGATTACAGTTAATCTTCTACA |
| Motif 2 Fragment 1 Reverse | **A**TC**C**AG**C**C**G**CG**C**GAACTTTCATCATCCCGTAA |
| Motif 2 Fragment 2 Forward | **G**CG**C**G**G**CT**G**GA**T**TGGCATATTGTGATTATAAATTCT |
| Motif 3 Fragment 1 Reverse | A**TGG**GC**C**CAAACTGCATATAGTGTATGT |
| Motif 3 Fragment 2 Forward | G**G**GC**CCA**TGCGCACTACCTTTTTTTTC |
| Motif 4 Fragment 1 Reverse | **ATT**GTATACGTTTATTA**AAT**TGATTATTTCTTAAACCCATAAG |
| Motif 4 Fragment 1 Forward | **ATT**TAATAAACGTATAC**AAT**TGAAAACAAACTTAGACAAAAAG |
| Motif 5 Fragment 1 Reverse | **TTA**A**T**ATTGTGACACA**AAT**AGGAAAAATCTAGCCTAAATTAAG |
| Motif 5 Fragment 2 Forward | **ATT**TGTGTCACAAT**A**T**TAA**AGTGATTCAAAGTCCTCTTC |
| Motif 6 Fragment 1 Reverse | CCG**C**G**T**A**C**AAATCTAGCCTAAATTAAGTGC |
| Motif 6 Fragment 2 Forward | TTT**G**T**A**C**G**CGGTGTGTCACAATCTGC |
|  |  |
| Primers to delete *MET16*  |  |
| Primer 1 | TGTGGTAACACCTTACTGGGAATC |
| Primer 3 | CACGGCGCGCCTAGCAGCGGTGCTTATGTGTGTAGTGCTTGCT |
| Primer 4 | GTCAGCGGCCGCATCCCTGCTCGATCCAGTCCTTGATAAGCA |
| Primer 6 | CAACTTCTTATACTTGCGATGACG |
| HygromycinB Universal 2 Forward | CCGCTGCTAGGCGCGCCGTGCTCTCGGTACCAGAGCTATTAAGATCACCAGCCT |
| HygromycinB Universal 5 Reverse | GCAGGGATGCGGCCGCTGACCTCTTTCTAGAATTTTATGATGGAATGAATGGGATG |
| *ARG4* 2Forward | CCGCTGCTAGGCGCGCCGTGCTGGTACTAAAGTATACACAC |
| *ARG4* 5Reverse | GCAGGGATGCGGCCGCTGACCACTTTTAGCAGTACCACCA |

\*Restriction sites are shown in lower case letters. Underlined sequences denote overlapping oligo primers. Bold sequences indicate nucleotide changes or mutations introduced.