|  |  |  |  |
| --- | --- | --- | --- |
|  | Reason | Locationin *SSU1* promoter | Sequence and mutation |
| Motif 1 | MEME | -357 | **G**A**CA**AA**A**AGAGGAGAGAGA**G**A**GGC**  TAAGA CAGAGGAGAGAGA TATTA |
| Motif 2 | MEME | -843 | **A**CG**T**G**A**CT**T**GA**C**  GC C GC GC T |
| Motif 3 | MEME | -662 | **T**GC**TTG**  GGCCCA |
| Motif 4 | Gal4 | -395 | **CGG**TAATAAACGTATAC**CCG**  ATTTAATAAACGTATACAAT |
| Motif 5 | Gal4 | -240 | **CGG**TGTGTCACAAT**C**T**GCG**  ATTTGTGTCACAATA TAA |
| Motif 6 | NORE | -259 | TTT**T**T**C**C**T**CGG  TTTGTACGCGG |
| Motif 4A | Motif 4 phenotype | -412 | **CGG**  ATTTAATAAACGTATAC |
| Motif 4B | Motif 4 phenotype | -395 | **CCG**  AAT |

**Table S4- Mutated motifs located within 1-kb upstream of *SSU1.***