Table S1**.** Oligonucleotides used in this study.

|  |  |  |
| --- | --- | --- |
| **Deleted gene** | **Oligonucleotide** | **Oligonucleotide sequence (5’-3’)** |
| **SO2364** | Cbbnew2 | GTAGAAACTAGTGAATAGTCATCTTATCGCCGGTC (SpeI) |
|  | Cbbnew3 | *GCTCAACAACCC*GGCTTAAGGAGCAAACTCGATG |
|  | Cbbnew4 | *GCTCCTTAAGCC*GGGTTGTTGAGCTATGTCAATGC |
|  | Cbbnew5 | ATCGTTGTCGACGTAGCTCGTTTTGTCCACTTGG (SalI) |
| **SO3286** | Bdox2 | GACTAGTAATAAGCCGCCATGGTAGGTCGC (SpeI) |
|  | Bdox3 | *CGCACCACGTAA*GTTGAGAGTAATCTGGTGGGCTC |
|  | Bdox4 | *ATTACTCTCAAC*TTACGTGGTGCGTCCAATTGCTAC |
|  | Bdox5 | ACGCGTCGACGATGGTTACGTGGTTAATTTGCAG (SalI) |
| **SO4607** | Cox2 | GACTAGTAATGCGTGGGGCAATAACACGG (SpeI) |
|  | Cox3 | *AGGTTTTGCATG*CTTAATTTAATCCCCTACTTTCC |
|  | Cox4 | *GATTAAATTAAG*CATGCAAAACCTACCCAAACAACC |
|  | Cox5 | ACGCGTCGACGAAGAAAATCAACGGCAGCTC (SalI) |

Overlapping regions of primers are in italic type. Restriction sites are underlined and restriction enzymes are given in parentheses.