**Supplementary table 1** Primers used in this study

|  |  |  |
| --- | --- | --- |
| **Primer purpose** | **Primer name** | **Primer sequence (5' to 3')** |
| Specific primers for *AmCBF1* | *AmCBF1*-F | ACTATCCTTCGCAAGACCCTTCCTCT |
|   | *AmCBF1*-R | AACTCCATGTTCCTCAGCCACTCC |
| Specific primers for qRT-PCR | qA-F | GTGCTGACGTGGAATTTGATGA |
| qA-R | ATTTCACGGGTTGGGGTTTCT |
| Specific primers for the internal reference gene | SSU1 | AACTTAAAGGAATTGACGGAAG |
| SSU2 | GCATCACAGACCTGTTATTGCC |
| Primers for left side of insertion site of L28 on A05 chromosome | L-A05-1F | TGGGATTCGCCTTTGACGTT |
| L-A05-1R  | CCTTCAACGTTGCGGTTCTG |
| L-A05-2F | TGGGGTTGGAGCATTAACCT |
| L-A05-2R | TGCGGTTCTGTCAGTTCCAA |
| L-A05-3F | GTCGTCGACTAAGTCTGCCT |
| L-A05-3R | ATGGAACGTCAGTGGAGCAT |
| Primers for right side of insertion site of L28 on A05 chromosome | R-A05-1F | GAACCTGCGTGCAATCCATC |
| R-A05-1R | TGTTTGGTTAAGGCGGTTGT |
| R-A05-4F  | TGGAACGTCAGTGGAGCATT |
| R-A05-1R | TGTTTGGTTAAGGCGGTTGT |
| R-A05-6F | GATCCAGATCCGGTGCAGAT |
| R-A05-1R | TGTTTGGTTAAGGCGGTTGT |
| Primers for left side of insertion site of L30 on A13 chromosome | L-A13-1F | TTGCCCCTCCTAGCAATGTG |
| L-A13-1R | CCTTCAACGTTGCGGTTCTG |
| L-A13-2F | CGGACTTCGTAATTGCCCCT |
| L-A13-1R | CCTTCAACGTTGCGGTTCTG |
| L-A13-4F | AGCTCGCCACATCTGACTTT |
| L-A13-4R | AGATTGTCGTTTCCCGCCTT |
| Primers for right side of insertion site of L30 on A13 chromosome | R-A13-1F | ACGGTTTTTCGCCCTTTGAC |
| R-A13-1R | CTGGTTCTGCCTGACCATGA |
| R-A13-2F  | CACTCAACCCTATCTCGGGC |
| R-A13-2R  | TCGGTGCAATCATGCAACAAA |
| R-A13-5F | GGCCATCGCCCTGATAGAC |
| R-A13-5R | TGCCTGACCATGATCATTCCAA |
| Primers for the insertion site on A12 chromosome | A12-1F | TCCACACCCTGGATTTTCCG |
| A12-1R | GTCATGACCGGAACGAGGAG |
| A12-2F | AATCCAGCTGCCAAAATCGC |
|  | A12-2R | CATCATCATACCGGCAGCCA |
| A12-3F | AGACGCCCTTTCATAGTTGCT  |
| A12-3R | ATTGCCGGTGGCGATTTCTA |