S2 table: PCR primer pairs used for PacBio SMRT sequencing. These primers were used to amplify the transcripts of the Ttc8 gene prior to sequencing with the PacBio SMRT platform. Note that primers F3 and F4 differ by only 4 bases, and primers F5 and F6 differ by only 6.

|  |  |  |  |
| --- | --- | --- | --- |
| # | **Primer Pair** | **Primer Sequence** | **Genomic Position** |
|  | **Forward** | **Reverse** | **Forward** | **Reverse** | **Start** | **End** |
| 1 | F1 (exon1) | R1 (exon14 ) | CACAGGACCTTTGAGCTCGT | TCTGACCTAAGTTTTCAACGATAGC | 122920371 | 122974377 |
| 2 | F3 (exon3a) | R1 (exon14) | CGGCTTTGCTGGCGATTTAT | TCTGACCTAAGTTTTCAACGATAGC | 122936579 | 122974377 |
| 3 | F5 (exon3b) | R1 (exon14) | ATGCCACCAAACAGAGCAGT | TCTGACCTAAGTTTTCAACGATAGC | 122937064 | 122974377 |
| 4 | F6 (exon3b) | R1 (exon14) | CAGGTTCATGCCACCAAACAG | TCTGACCTAAGTTTTCAACGATAGC | 122937057 | 122974377 |
| 5 | F1 (exon1) | R8 (exon9a) | CACAGGACCTTTGAGCTCGT | TGTGCCTGGTAACCTTGGAG | 122920371 | 122954254 |
| 6 | F4 (exon3a) | R8 (exon9a) | GATACGGCTTTGCTGGCGAT | TGTGCCTGGTAACCTTGGAG | 122936575 | 122954254 |
| 7 | F6 (exon3b) | R8 (exon9a) | CAGGTTCATGCCACCAAACAG | TGTGCCTGGTAACCTTGGAG | 122937057 | 122954254 |