Supplementary Table. List of sequencing primers for *CIC* and *FUBP1*

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| Gene | Forward/reverse | Sequence (5′–3′) |
| *CIC* exon1 | Forward | CATGCGGCGACGGCCTC |
| Reverse | GCCTCTACTGTTCTCTCCCCTAC |
| *CIC* exon2 | Forward | TCAGGGAGGAGTTTTTCCTGAGT |
| Reverse | GGACACAGAGGTAGATCAGAGGG |
| *CIC* exon3 | Forward | GCCTCCAACCAGAGCAAAGGT |
| Reverse | CTGGATCTCAGGAGACATGATGG |
| *CIC* exon4 | Forward | AGTGAGACAGAGAGTGACCATGA |
| Reverse | GCTTGCTGAAGATCATGAAGGCAT |
| *CIC* exon5 | Forward | GGTACTTTATCCCTGCCTGTCC |
| Reverse | CCTTGTTGCACCACTTCCAATC |
| *CIC* exon6 | Forward | GGAGAAGCAGAAGTACCACGAC |
| Reverse | GATAAGGGTCGCCAAATTAAAGC |
| *CIC* exon7 | Forward | AGAAATTCCAGCCTGCTTCTG |
| Reverse | TAGGTGGCAGAGAGGGTTCA |
| *CIC* exon8 | Forward | GAGAAGTAGACAGTCAGGCGCT |
| Reverse | GCAACCATAAACCAAGTGGAAAAG |
| *CIC* exon9 | Forward | CTGAGGAGTAGCCTTCCTGGAC |
| Reverse | ATCCTGACTATGACCCAACTCC |
| *CIC* exon10\_1 | Forward | GTGGGGAGTTGGGTCATAGTCA |
| Reverse | CAGGATCCATTGGGAGGAACCG |
| *CIC* exon10\_2 | Forward | CACTGGGCTCAGGAACCTTCAA |
| Reverse | CCTGCTGTGTCATTTGGAGACG |
| *CIC* exon10\_3 | Forward | AATGTGGTGCGGCCTGTCA |
| Reverse | GTACTGTACCTGGGTGATTCCC |
| *CIC* exon10\_4 | Forward | TCACCCAGGTACAGTACATCCT |
| Reverse | TAGGACCTTCCCAGGCAGCA |
| *CIC* exon11 | Forward | ATCCTGCAGTCTGTACCCTC |
| Reverse | GCAAGACAGAGAACCAGATACA |
| *CIC* exon12 | Forward | CTGTTCTCACCCCAAGTTCTG |
| Reverse | GTACGAGGTGACTGTTCCAG |
| *CIC* exon13 | Forward | CCTCTCAGCCTCAGAAGGT |
| Reverse | CCTGCTGAAAGACAGAGAAGAA |
| *CIC* exon14 | Forward | CTGTAGCTCTAGGCTTCACCTC |
| Reverse | ACTCTGCTCTGGGTTGATCT |
| *CIC* exon15 | Forward | CCACAGGTAGGTGTCAGATCA |
| Reverse | GAAAAGCAAAGACGTCAATGGAG |
| *CIC* exon16 | Forward | TGTGACAGCCTTCTCAAGGG |
| Reverse | AAGTCCACTTCTGACAGGACC |
| *CIC* exon17 | Forward | AAGAAGACCTTTGACTCTGTGG |
| Reverse | CTGGAGCGTCTTCTCATCTTG |
| *CIC* exon18 | Forward | AAGAGGAAGAACTCCACGGGTA |
| Reverse | CCACAGTCACAGGGCAACCTA |
| *CIC* exon19 | Forward | TCTGACTCCCCTGTGAAATAGAAT |
| Reverse | AGGGAAAGATGTCTGCATAGCG |
| *CIC* exon20 | Forward | TTCTTCCCGTCAGGTGAGC |
| Reverse | GGGGTACTATAAGTCCTGGCAT |
| *FUBP1* exon1 | Forward | GAGATTTTGTTCCTTCAGTCTCCG |
| Reverse | CTAATCGTTATTACCAACATGGGG |
| *FUBP1* exon2 | Forward | AACTGCCTGAAGTATTAATGGTAGC |
| Reverse | CCCCCTTTTAGGCCAATATACAG |
| *FUBP1* exon3 | Forward | GTTGGGGTTGAATTTTGGCAG |
| Reverse | GGCTAGCTGATCCAAAATACTCA |
| *FUBP1* exon4 | Forward | CAAGGTGTTGTCTGTGCATTAG |
| Reverse | TCACTTTATGGTACCTTCCCAAG |
| *FUBP1* exon5-6 | Forward | TAAGCCATTGGGAGACATTAGAC |
| Reverse | GAAGGCCACCACTGTCTACAA |
| *FUBP1* exon7 | Forward | GGTGAACAGATCTCACGCAT |
| Reverse | AGTTGGAGGACTTTGAGGGA |
| *FUBP1* exon8 | Forward | TTTGACCCTTGATGGCATTTTC |
| Reverse | GCCCGTTCCTGTTACAATCATA |
| *FUBP1* exon9 | Forward | AGGATTAGTCATTGGAAAAGGGG |
| Reverse | ATTCTTGACCCATACTCATTCCG |
| *FUBP1* exon10 | Forward | GTGCTGACAAACCTCTTAGGAT |
| Reverse | CCATTTCCTGAAAATCTGCCTC |
| *FUBP1* exon11 | Forward | TTATGATTTGAGGCAGATTTTCAGG |
| Reverse | TGAACACTTCGAAGAAGGTCTGT |
| *FUBP1* exon12 | Forward | CCATTCCAAGATTTGCTGTTGG |
| Reverse | CAAGCAGACTCTGATATAGAGGTAA |
| *FUBP1* exon13 | Forward | TTACTTATTAGGGCCAGTTCATCTC |
| Reverse | ACGGTCAGAGAAAAAGCATTG |
| *FUBP1* exon14 | Forward | TCAATTAGGATACTGACCAAACCA |
| Reverse | GCTGACTAGTAATGATACATTTTCC |
| *FUBP1* exon15 | Forward | GAATGAGGAAAGGAAGGAAAACCT |
| Reverse | ATATGCATTTCCCCATCCCTG |
| *FUBP1* exon16 | Forward | GAACTCCAATGGGACCATACAAC |
| Reverse | GTCAGTCCTATACACTGGGGTAG |
| *FUBP1* exon17 | Forward | TAACCTAGGAAAGTCACTTAGTCTC |
| Reverse | CAAGCACAACTTTTGGCTTTCA |
| *FUBP1* exon18 | Forward | TCTGTACCCCCAGTACCTTC |
| Reverse | TCCTTGCCATATAACCACAAA |
| *FUBP1* exon19 | Forward | GGCAAACACAAGATTATTCAAAGGC |
| Reverse | TTAAAAGGCAAACACTCCCAAACA |
| *FUBP1* exon20 | Forward | ATAAATTTTCTTCCCCCAGGGAT |
| Reverse | ACACAGAAATATTAACCTCCTATCA |

*CIC, capicua transcriptional repressor; FUBP1,* *far upstream element binding protein 1.*