**Table S1.** Primer sequences.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Purpose** | **Primer Name** | **Primer Sequence** | **Chr.** | **Location (bp)** |
| Genomic CNV | D\_CNV\_F | TGCCCAGAAAGCCTTACAC | 2 | 38,806,358 |
| Genomic CNV | D\_CNV\_P | 6FAM-TGAGAGGCTTCCACAGCTGACA-MGBNFQ | 2 | 38,806,397 |
| Genomic CNV | D\_CNV\_R | TGAGGGCAGAGGATTTACAA | 2 | 38,806,485 |
| Genomic CNV | SOX5\_CNV\_F | CCGTCATCCAGAGCACTTAC | 1 | 68,335,770 |
| Genomic CNV | SOX5\_CNV\_P | VIC-TCAAAGGCGAGGAGCCCC-TAMRA | 1 | 68,335,794 |
| Genomic CNV | SOX5\_CNV\_R | GGTCATCCTCTTCCTCATCATA | 1 | 68,335,886 |
| Diagnostic Test | D\_5'\_F | CAATTGCTTTGCAGTTTTGGATT | 2 | 38,798,386 |
| Diagnostic Test | D\_5'\_R | GTTCTGTTTTCCACTGCTGCAC | 2 | 38,798,653 |
| Diagnostic Test | D\_3'\_F | ATCCCTTTGCTACCACCACTGT | 2 | 38,818,264 |
| qPCR | EOMES\_F | TTTCCCCGAAACGCAGTTC | 2 | 38,594,335 |
| qPCR | EOMES\_R | TGTCTCTGAAGCCCTTTGCAA | 2 | 38,598,353 |
| qPCR | CMC1\_F | TCCGCAAATAATGAGAGACCGA | 2 | 38,757,713 |
| qPCR | CMC1\_R | TGCTGTGTTCTCTTCCCGACA | 2 | 38,822,064 |
| qPCR | AZI2\_F | GCGCTAGTCACCGCATATGAA | 2 | 38,840,733 |
| qPCR | AZI2\_R | CTGAACTGCATTCCTCCTCCAG | 2 | 38,844,753 |
| qPCR | β-actin\_F | AGGTCATCACCATTGGCAATG | 6 | 18,777,232 |
| qPCR | β-actin\_R | CCCAAGAAAGATGGCTGGAA | 6 | 18,781,252 |