Supplement table 2. Primers and locations for PCR reactions required for dye-terminator sequencing.

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| --- | --- | --- | --- | --- | --- | --- |
| Primer-forward | Nucleotide positions | Primer sequence | Primer-reverse | Nucleotide positions | Primer sequence | Product size (bp) |
| 1-forward | 516–534 | CACACACACCGCTGCTAAC | 1-reverse | 1190–1172 | GATATGAAGCACCGCCAGG | 675 |
| 2-forward | 1138–1156 | GAACACTACGAGCCACAGC | 2-reverse | 1801–1782 | TCATCTTTCCCTTGCGGTAC | 664 |
| 3-forward | 1756–1776 | AATTGAAACCTGGCGCAATAG | 3-reverse | 2444–2426 | TGAGCATGCCTGTGTTGGG | 689 |
| 4-forward | 2395–2415 | ACCAACAAGTCATTATTACCC | 4-reverse | 3074–3054 | TGAACTCAGATCACGTAGGAC | 680 |
| 5-forward | 2995–3013 | GGATCAGGACATCCCGATG | 5-reverse | 3645–3627 | AACGGCTAGGCTAGAGGTG | 651 |
| 6-forward | 3536–3553 | TAGCTCTCACCATCGCTC | 6-reverse | 4239–4219 | GATTGTAATGGGTATGGAGAC | 704 |
| 7-forward | 4184–4202 | TCCTACCACTCACCCTAGC | 7-reverse | 4869–4852 | GTCATGTGAGAAGAAGCA | 686 |
| 8-forward | 4832–4849 | CACCCCTCTGACATCCGG | 8-reverse | 5570–5551 | AGTATTGCAACTTACTGAGG | 739 |
| 9-forward | 5526–5545 | AATACAGACCAAGAGCCTTC | 9-reverse | 6188–6171 | GGGAAACGCCATATCGGG | 663 |
| 10-forward | 6115–6134 | TACCCATCATAATCGGAGGC | 10-reverse | 6781–6761 | AATATATGGTGTGCTCACACG | 667 |
| 11-forward | 6730–6750 | CTATGATATCAATTGGCTTCC | 11-reverse | 7398–7379 | GGCATCCATATAGTCACTCC | 669 |
| 12-forward | 7349–7369 | CCTAATAGTAGAAGAACCCTC | 12-reverse | 8009–7990 | CTCGATTGTCAACGTCAAGG | 661 |
| 13-forward | 7960–7979 | ATTATTCCTAGAACCAGGCG | 13-reverse | 8641–8621 | TGATGAGATATTTGGAGGTGG | 682 |
| 14-forward | 8563–8581 | ACAATCCTAGGCCTACCCG | 14-reverse | 9231–9212 | GATAGGCATGTGATTGGTGG | 669 |
| 15-forward | 9181–9198 | AGCCTCTACCTGCACGAC | 15-reverse | 9867–9848 | GGATGAAGCAGATAGTGAGG | 687 |
| 16-forward | 9821–9841 | ACTTCACGTCATTATTGGCTC | 16-reverse | 10516–10497 | AGTGAGATGGTAAATGCTAG | 696 |
| 17-forward | 10394–10414 | CTGAACCGAATTGGTATATAG | 17-reverse | 11032–11013 | TCGTGATAGTGGTTCACTGG | 639 |
| 18-forward | 10985–11004 | ACAATCATGGCAAGCCAACG | 18-reverse | 11708–11689 | TTATGAGAATGACTGCGCCG | 724 |
| 19-forward | 11633–11651 | AGCCACATAGCCCTCGTAG | 19-reverse | 12361–12341 | TGGTTATAGTAGTGTGCATGG | 729 |
| 20-forward | 12284–12302 | CTATCCATTGGTCTTAGGC | 20-reverse | 13005–12987 | TTTGCCTGCTGCTGCTAGG | 722 |
| 21-forward | 12951–12969 | CGCTAATCCAAGCCTCACC | 21-reverse | 13614–13595 | TATTCGAGTGCTATAGGCGC | 664 |
| 22-forward | 13568–13587 | TTACTCTCATCGCTACCTCC | 22-reverse | 14276–14258 | GGTTGATTCGGGAGGATCC | 709 |
| 23-forward | 14227–14246 | CCCATAATCATACAAAGCCC | 23-reverse | 14928–14911 | GTTGAGGCGTCTGGTGAG | 702 |
| 24-forward | 14732–14752 | ACTACAAGAACACCAATGACC | 24-reverse | 15419–15400 | TGTAGTAAGGGTGGAAGGTG | 688 |
| 25-forward | 15372–15391 | TAGGAATCACCTCCCATTCC | 25-reverse | 16067–16048 | GTCAATACTTGGGTGGTACC | 696 |
| d1-forward | 15879–15897 | AATGGGCCTGTCCTTGTAG | d1-reverse | 16545–16526 | AACGTGTGGGCTATTTAGGC | 667 |
| d2-forward | 16495–16514 | CGACATCTGGTTCCTACTTC | d2-reverse | 389–370 | CTGGTTAGGCTGGTGTTAGG | 446 |
| d3-forward | 315–332 | CGCTTCTGGCCACAGCAC | d3-reverse | 803–786 | GGTGTGGCTAGGCTAAGC | 489 |